

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052915\
 Data File : BM001467.D
 Acq On : 30 May 2015 05:21
 Operator : TP/IZ
 Sample : G2411-08
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BCRB9

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0.1 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052915.M
 Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.587	657	663	672	rVB	625556	947678	17.06%	1.190%
2	6.728	681	687	697	rBV	437473	650979	11.72%	0.818%
3	6.922	713	720	729	rBV	616852	960294	17.28%	1.206%
4	7.381	792	798	808	rBV	760432	1219919	21.96%	1.532%
5	8.122	918	924	931	rBV	702884	1072757	19.31%	1.347%
6	8.210	931	939	946	rVB	62762	108860	1.96%	0.137%
7	8.539	988	995	1005	rBV	572496	904026	16.27%	1.135%
8	9.263	1111	1118	1124	rBV	509171	811989	14.62%	1.020%
9	9.804	1203	1210	1221	rBV	821849	1288289	23.19%	1.618%
10	10.163	1264	1271	1278	rBV	1146414	1890316	34.02%	2.374%
11	10.316	1291	1297	1310	rBV	299983	544871	9.81%	0.684%
12	12.404	1645	1652	1658	rBV	48814	75035	1.35%	0.094%
13	12.663	1691	1696	1704	rVB	74634	108619	1.96%	0.136%
14	13.492	1830	1837	1841	rVV	1177701	1635842	29.44%	2.054%
15	13.533	1841	1844	1854	rVB	568667	778713	14.02%	0.978%
16	13.757	1873	1882	1895	rBV	1521521	2239569	40.31%	2.813%
17	14.068	1929	1935	1943	rBV2	1637065	2448867	44.08%	3.075%
18	14.310	1970	1976	1989	rBV	521867	786727	14.16%	0.988%
19	15.068	2099	2105	2111	rBV	1876992	2528018	45.50%	3.175%
20	15.209	2123	2129	2134	rBV	215368	295739	5.32%	0.371%
21	15.809	2227	2231	2242	rBV2	58424	110039	1.98%	0.138%
22	16.604	2362	2366	2370	rBV2	75872	92555	1.67%	0.116%
23	16.821	2397	2403	2407	rBV	1942874	2607117	46.93%	3.274%
24	16.862	2407	2410	2414	rVV	202073	261228	4.70%	0.328%
25	16.921	2414	2420	2432	rVB	1800751	2610048	46.98%	3.278%
26	17.339	2486	2491	2495	rBV2	86736	108540	1.95%	0.136%
27	17.427	2499	2506	2510	rVB8	36628	74249	1.34%	0.093%
28	17.615	2530	2538	2544	rBV6	29427	72650	1.31%	0.091%
29	17.692	2544	2551	2554	rBV2	55472	116486	2.10%	0.146%
30	17.739	2554	2559	2569	rBV2	618787	826463	14.88%	1.038%
31	17.898	2579	2586	2593	rBV3	337334	513084	9.24%	0.644%
32	17.956	2593	2596	2600	rVB2	63576	75007	1.35%	0.094%
33	18.027	2604	2608	2617	rVB2	104835	147823	2.66%	0.186%
34	18.180	2628	2634	2641	rBV5	62529	150383	2.71%	0.189%

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35	18.627	2704	2710	2714	rBV3	53055	89109	1.60%	0.112%
36	18.674	2714	2718	2723	rBV3	160994	225176	4.05%	0.283%
37	18.733	2723	2728	2729	rVV2	220823	292770	5.27%	0.368%
38	18.756	2729	2732	2741	rVB2	541103	814687	14.66%	1.023%
39	18.845	2743	2747	2750	rVB5	60854	72473	1.30%	0.091%
40	18.892	2750	2755	2764	rBV	565559	851127	15.32%	1.069%
41	18.968	2764	2768	2775	rVV5	157210	280337	5.05%	0.352%
42	19.045	2775	2781	2787	rVV2	930967	1384219	24.91%	1.738%
43	19.109	2787	2792	2800	rVB2	314843	407968	7.34%	0.512%
44	19.227	2806	2812	2815	rBV	2116260	2876534	51.78%	3.612%
45	19.256	2815	2817	2822	rVV	570386	600345	10.81%	0.754%
46	19.309	2822	2826	2833	rVV4	190772	259605	4.67%	0.326%
47	19.386	2835	2839	2844	rVB	360363	446767	8.04%	0.561%
48	19.439	2844	2848	2851	rBV2	166690	208394	3.75%	0.262%
49	19.497	2851	2858	2862	rVB	758453	1007263	18.13%	1.265%
50	19.621	2868	2879	2884	rBV8	94634	304926	5.49%	0.383%
51	19.662	2884	2886	2892	rVB5	66572	87451	1.57%	0.110%
52	19.715	2892	2895	2898	rBV4	67870	94298	1.70%	0.118%
53	19.762	2898	2903	2907	rVV3	553724	753692	13.57%	0.947%
54	19.809	2907	2911	2916	rVB2	717178	940043	16.92%	1.181%
55	19.862	2916	2920	2922	rBV	101854	118887	2.14%	0.149%
56	19.968	2932	2938	2943	rVB7	149556	236420	4.26%	0.297%
57	20.039	2946	2950	2955	rBV2	443369	590928	10.64%	0.742%
58	20.092	2955	2959	2961	rBV2	242472	307136	5.53%	0.386%
59	20.121	2961	2964	2969	rVV	562436	701610	12.63%	0.881%
60	20.192	2973	2976	2981	rVV4	119231	168407	3.03%	0.211%
61	20.286	2985	2992	2997	rVV5	132411	255573	4.60%	0.321%
62	20.356	2997	3004	3011	rVV2	696046	1206317	21.71%	1.515%
63	20.468	3020	3023	3026	rVB3	94575	100805	1.81%	0.127%
64	20.509	3026	3030	3037	rVB	96386	143562	2.58%	0.180%
65	20.609	3042	3047	3052	rBV	467271	681225	12.26%	0.856%
66	20.662	3052	3056	3062	rVV3	294116	479621	8.63%	0.602%
67	20.709	3062	3064	3067	rVV2	78403	110050	1.98%	0.138%
68	20.756	3067	3072	3078	rVV2	1108009	1589504	28.61%	1.996%
69	20.833	3082	3085	3090	rVB	409511	450198	8.10%	0.565%
70	20.915	3096	3099	3101	rBV2	86926	112548	2.03%	0.141%
71	20.962	3104	3107	3111	rVB	229054	259045	4.66%	0.325%

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72	21.027	3111	3118	3121	rBV	2244376	2950733	53.11%	3.706%
73	21.068	3121	3125	3136	rVB	1806876	2657305	47.83%	3.337%
74	21.197	3145	3147	3150	rBV2	70253	72351	1.30%	0.091%
75	21.227	3150	3152	3156	rVB	178329	178667	3.22%	0.224%
76	21.274	3157	3160	3166	rVB2	164721	189577	3.41%	0.238%
77	21.368	3173	3176	3181	rVB5	119301	155171	2.79%	0.195%
78	21.491	3193	3197	3204	rBV3	196553	409355	7.37%	0.514%
79	21.621	3213	3219	3224	rBV2	415800	866323	15.59%	1.088%
80	21.697	3229	3232	3236	rVB2	154026	187521	3.38%	0.235%
81	21.874	3259	3262	3266	rBV3	71158	86143	1.55%	0.108%
82	21.921	3266	3270	3282	rBV4	295200	708826	12.76%	0.890%
83	22.033	3287	3289	3293	rVB	147489	168640	3.04%	0.212%
84	22.150	3306	3309	3315	rVB	156015	221569	3.99%	0.278%
85	22.244	3321	3325	3334	rVB	978382	1274373	22.94%	1.600%
86	22.497	3363	3368	3371	rBV2	923439	1394631	25.10%	1.751%
87	22.544	3371	3376	3386	rVB	3617902	5555787	100.00%	6.977%
88	22.938	3440	3443	3446	rBV	126019	178252	3.21%	0.224%
89	22.985	3446	3451	3456	rBV2	1226468	2060560	37.09%	2.588%
90	23.121	3468	3474	3479	rBV2	1324528	2169467	39.05%	2.725%
91	23.297	3500	3504	3512	rVB	359768	586532	10.56%	0.737%
92	23.597	3549	3555	3562	rVB	1261513	2281601	41.07%	2.865%
93	23.674	3563	3568	3580	rVB	565097	1129109	20.32%	1.418%
94	24.674	3734	3738	3749	rVB5	151111	342395	6.16%	0.430%
95	25.044	3795	3801	3807	rBV	452531	1071936	19.29%	1.346%
96	25.174	3819	3823	3837	rVB5	303827	835725	15.04%	1.050%
97	25.315	3841	3847	3860	rVB5	340833	1041501	18.75%	1.308%
98	25.515	3876	3881	3886	rBV3	143939	337695	6.08%	0.424%
99	25.579	3887	3892	3903	rVB3	426308	1069699	19.25%	1.343%
100	25.873	3936	3942	3950	rVB5	361868	874437	15.74%	1.098%

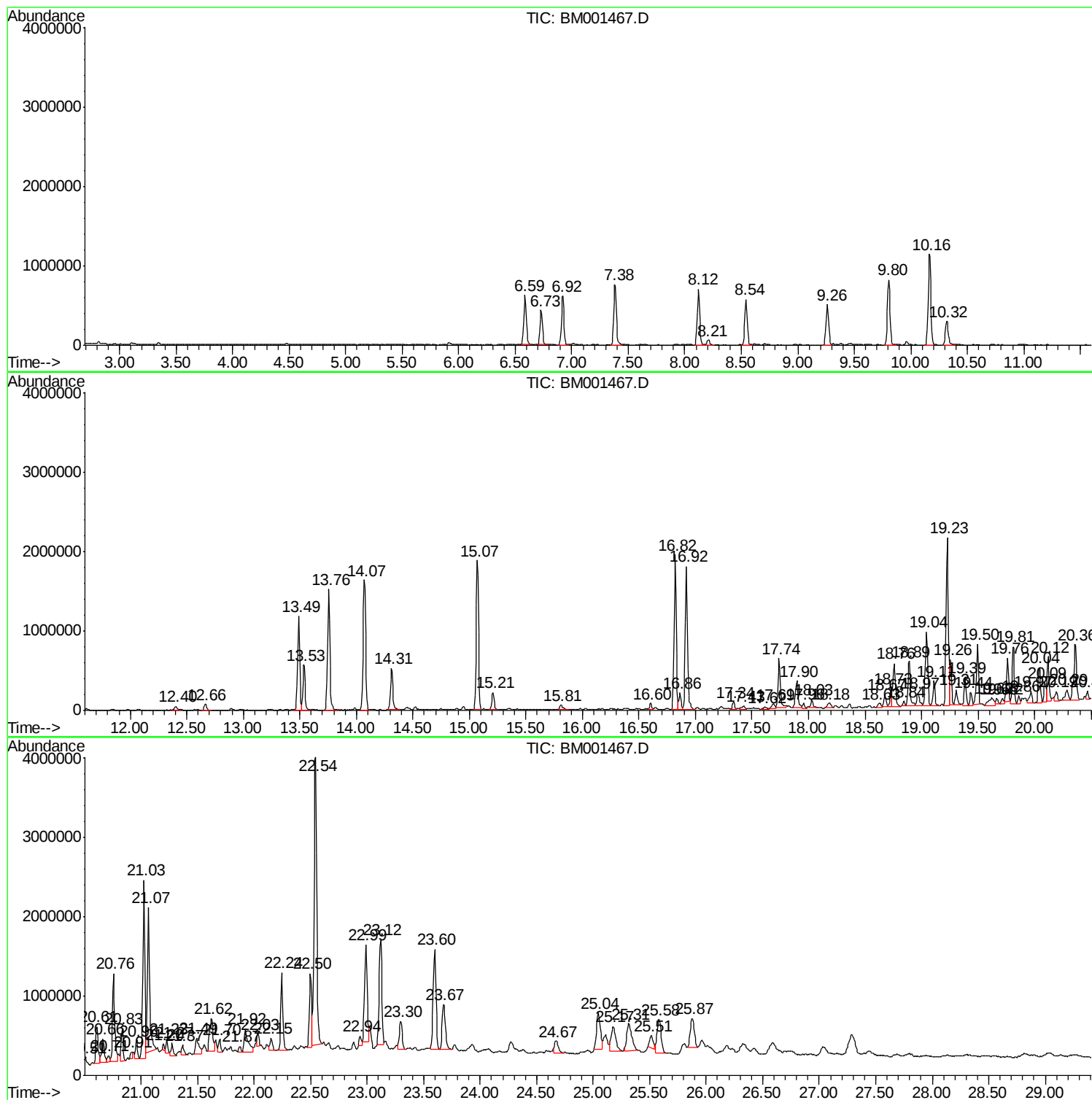
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052915.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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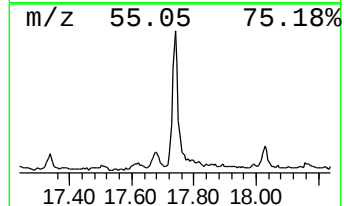
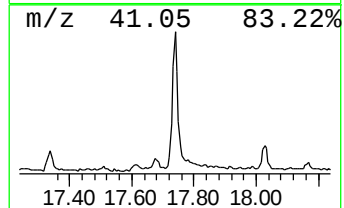
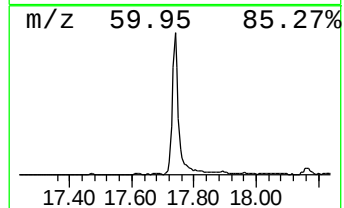
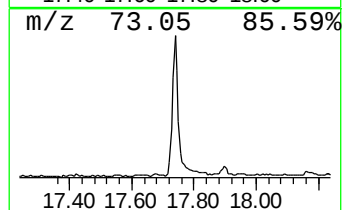
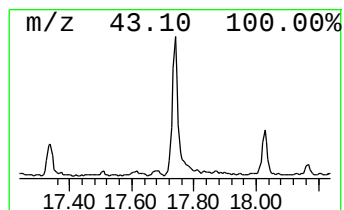
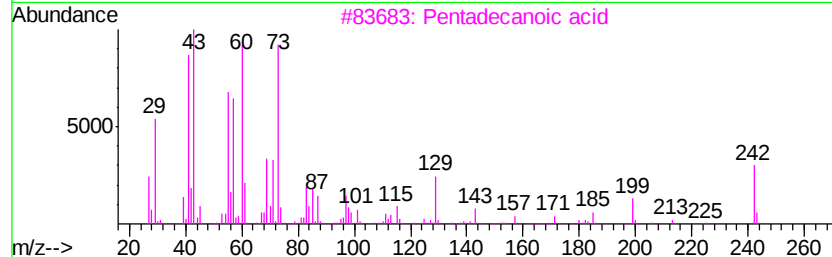
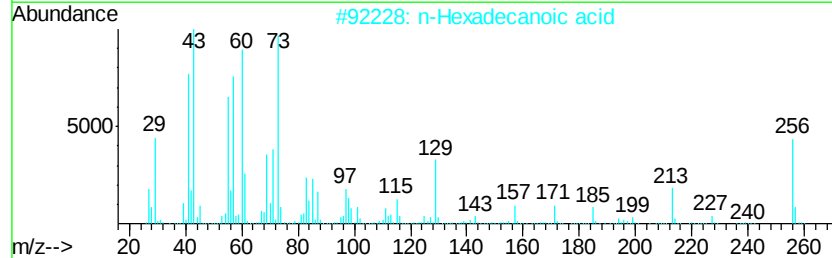
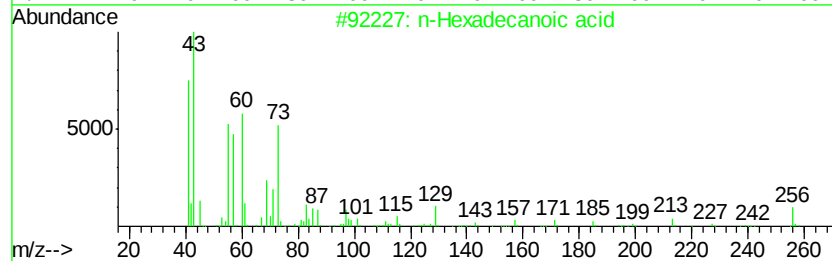
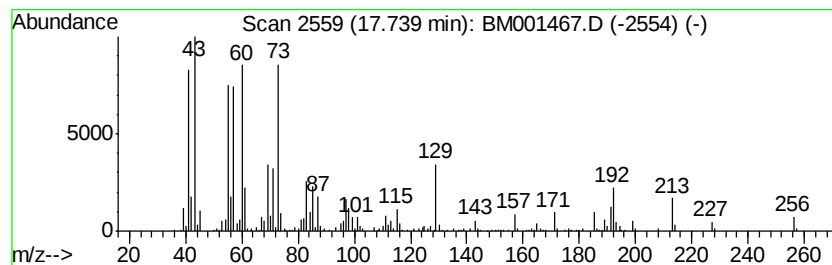
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052915.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.74	6.34 ng/ul	826463	Phenanthrene-d10	16.82	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	74
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	70
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64



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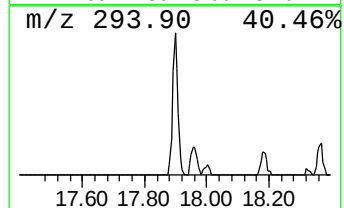
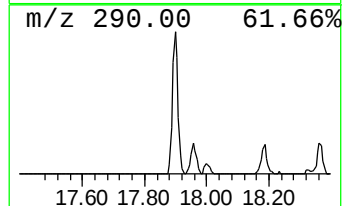
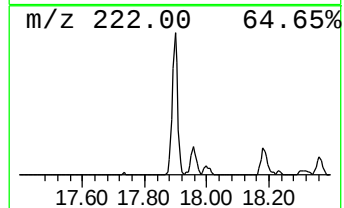
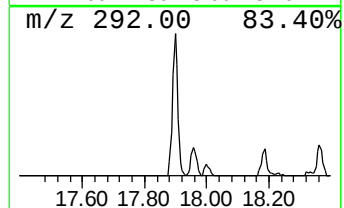
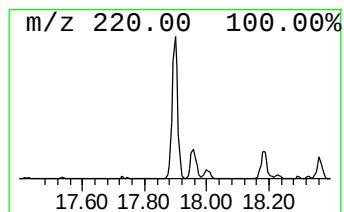
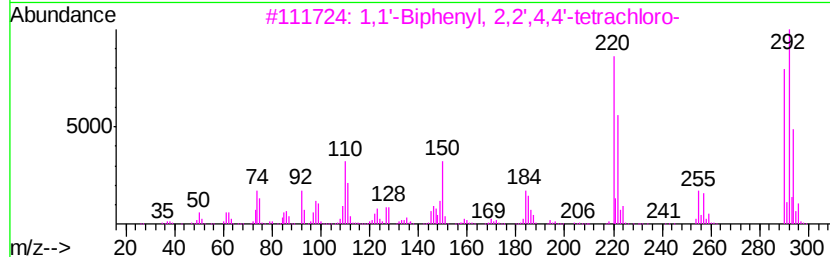
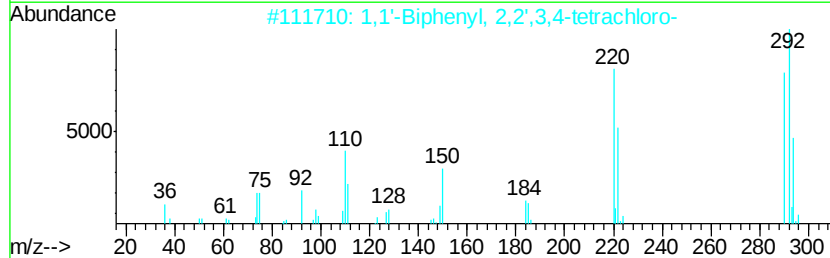
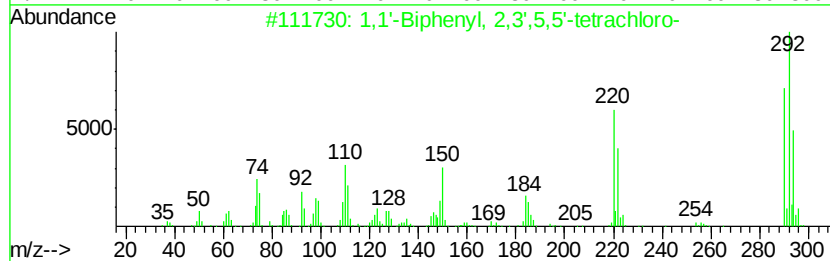
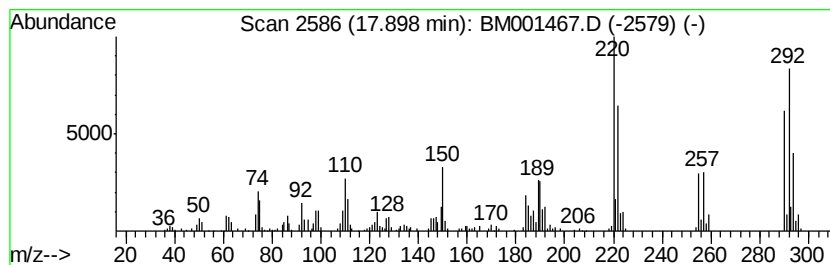
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 1,1'-Biphenyl, 2,3',5,5'-te... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.90	3.94 ng/ul	513084	Phenanthrene-d10	16.82	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3',5,5'-tetrach...	290	C12H6Cl4	041464-42-0	99
2	1,1'-Biphenyl, 2,2',3,4-tetrachl...	290	C12H6Cl4	052663-59-9	99
3	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
4	1,1'-Biphenyl, 2,2',5,6-Tetrachl...	290	C12H6Cl4	041464-41-9	99
5	1,1'-Biphenyl, 2,2',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	99



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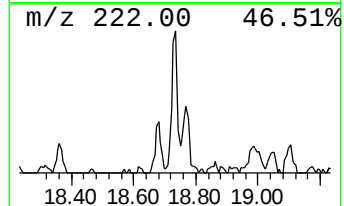
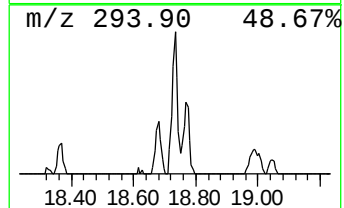
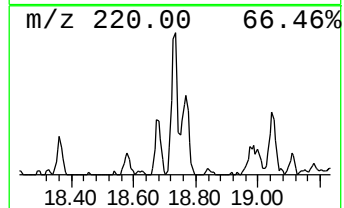
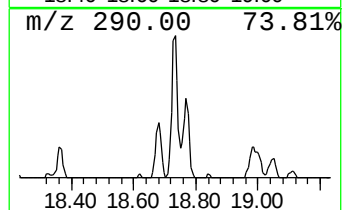
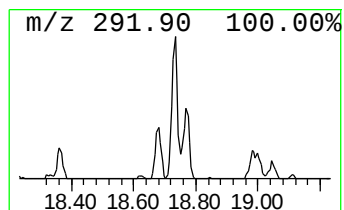
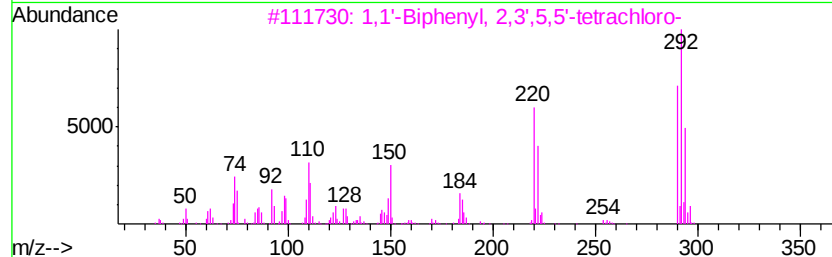
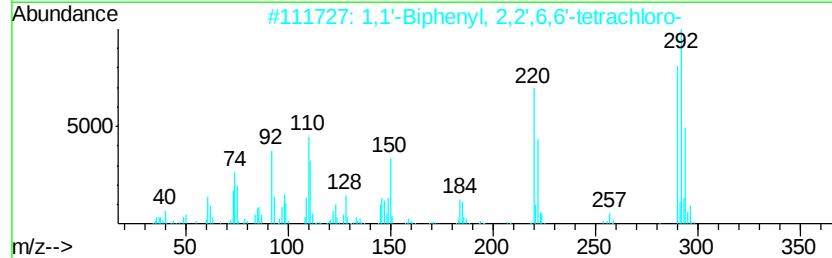
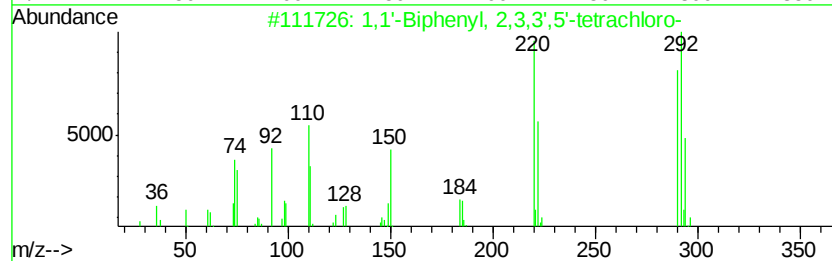
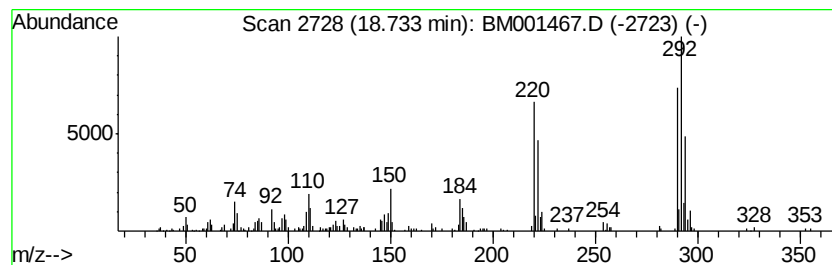
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 1,1'-Biphenyl, 2,2',6,6'-te... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.73	2.25 ng/ul	292770	Phenanthrene-d10	16.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	99
2		1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99
3		1,1'-Biphenyl, 2,3',5,5'-tetrach...	290	C12H6Cl4	041464-42-0	99
4		1,1'-Biphenyl, 3,3',4,4'-tetrach...	290	C12H6Cl4	032598-13-3	98
5		1,1'-Biphenyl, 2,3,4',6-tetrachl...	290	C12H6Cl4	052663-58-8	97



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052915\
Data File : BM001467.D
Acq On : 30 May 2015 05:21
Operator : TP/IZ
Sample : G2411-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

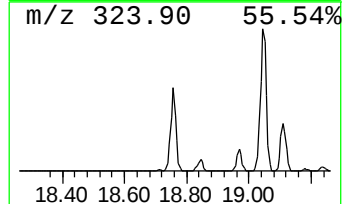
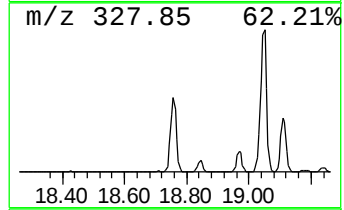
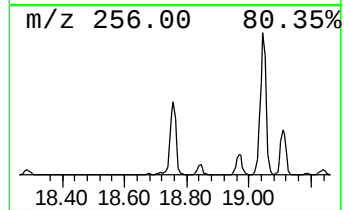
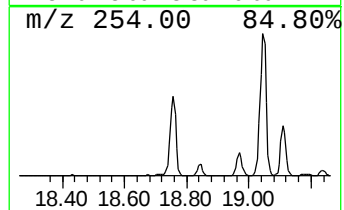
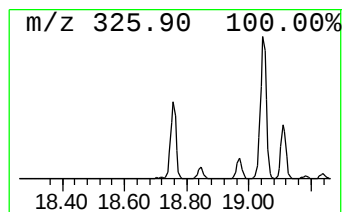
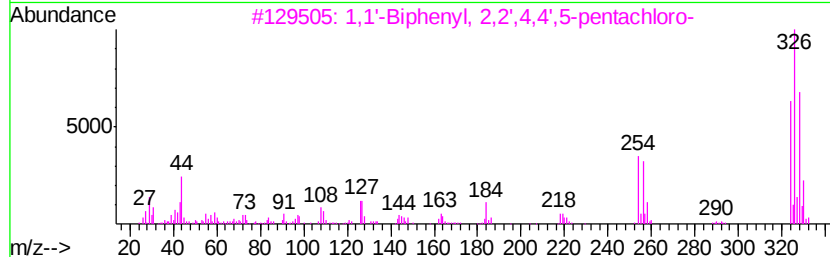
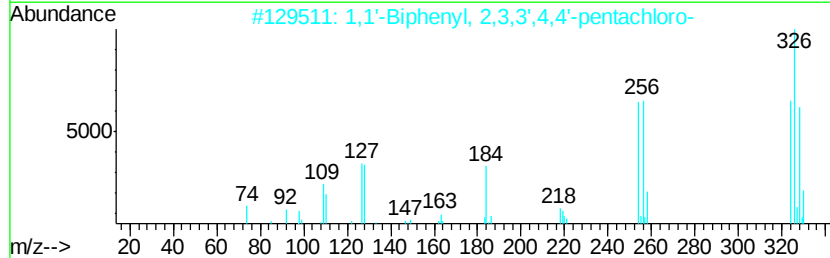
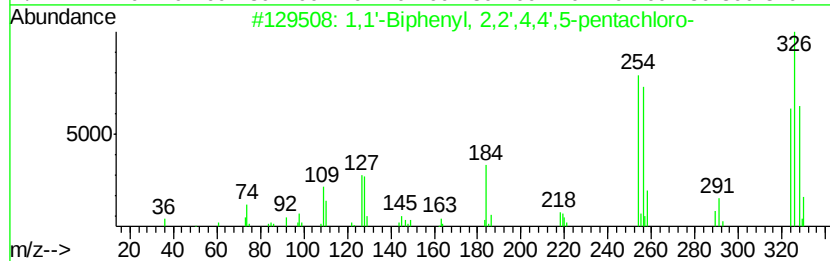
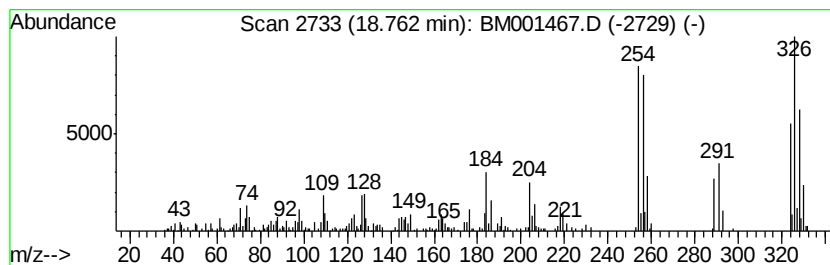
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052915.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 1,1'-Biphenyl, 2,2',4,4',5-... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.76	6.25 ng/ul	814687	Phenanthrene-d10	16.82	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	99
2	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	99
3	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	98
4	1,1'-Biphenyl, 2,2',4,5,5'-penta...	324	C12H5Cl5	037680-73-2	98
5	1,1'-Biphenyl, 2,2',4,5',6-Penta...	324	C12H5Cl5	060145-21-3	98



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052915\
Data File : BM001467.D
Acq On : 30 May 2015 05:21
Operator : TP/IZ
Sample : G2411-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
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ClientSampled :
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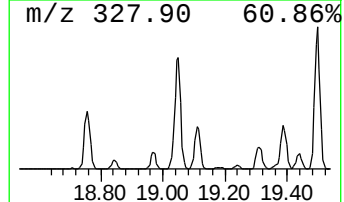
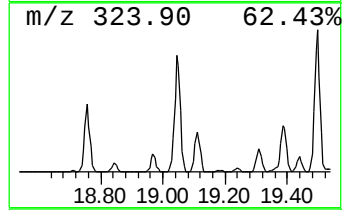
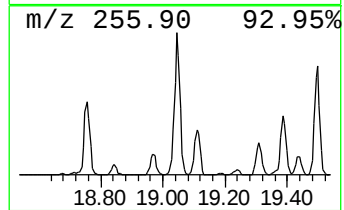
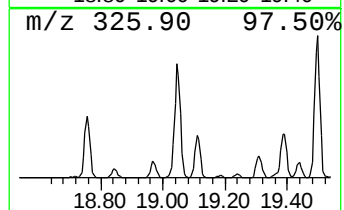
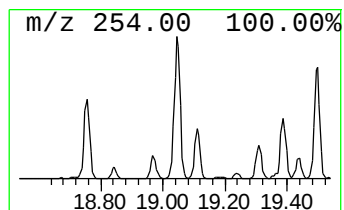
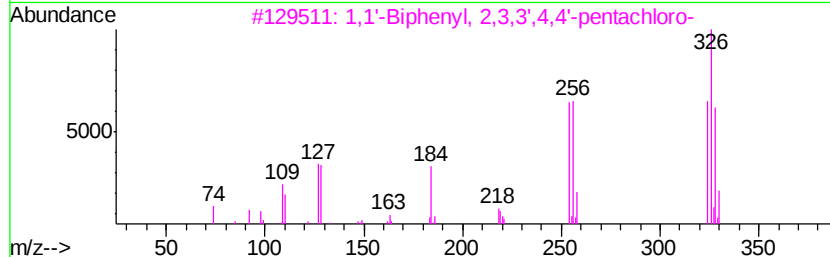
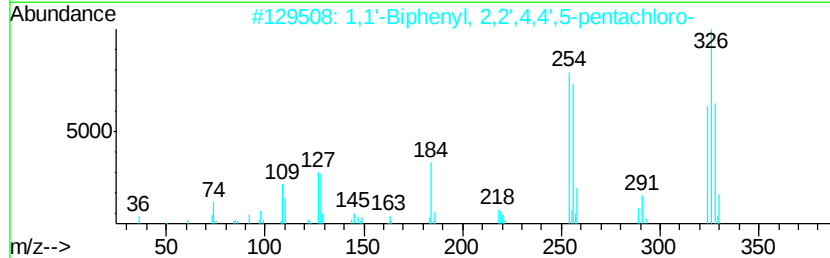
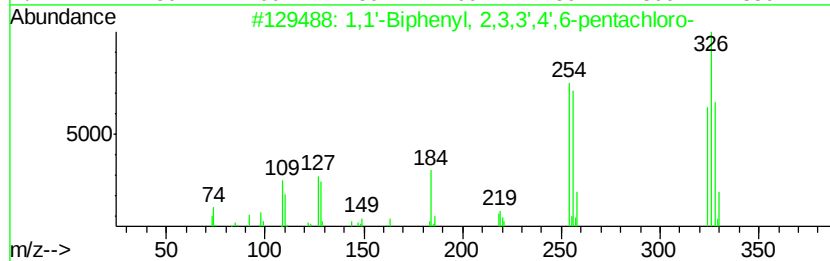
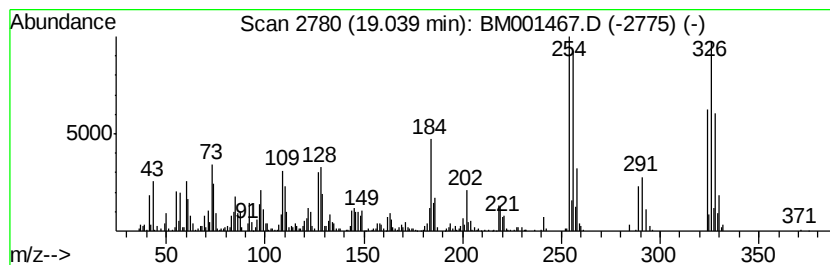
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 1,1'-Biphenyl, 2,3,3',4',6-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.04	9.38 ng/u1	1384220	Chrysene-d12	21.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
2		1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	99
3		1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	99
4		1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	98
5		1,1'-Biphenyl, 2,3,4',5,6-Pentac...	324	C12H5Cl5	068194-11-6	96



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052915\
Data File : BM001467.D
Acq On : 30 May 2015 05:21
Operator : TP/IZ
Sample : G2411-08
Misc :
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Instrument :
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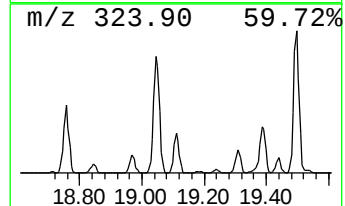
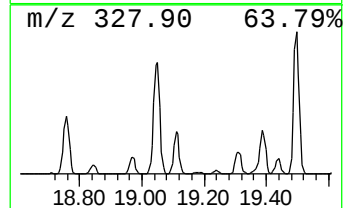
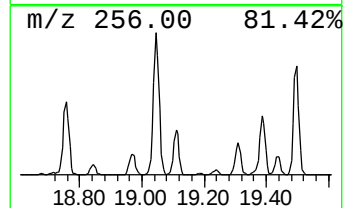
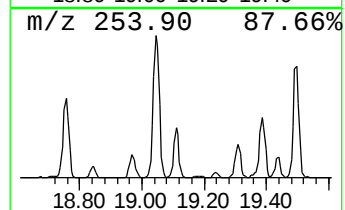
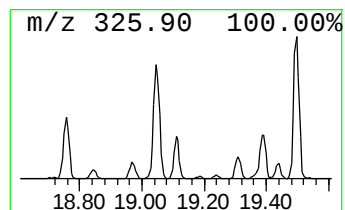
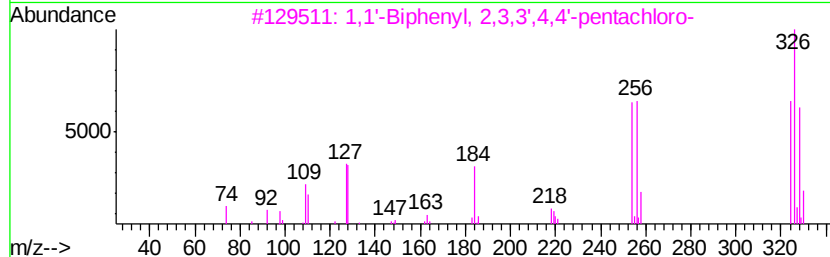
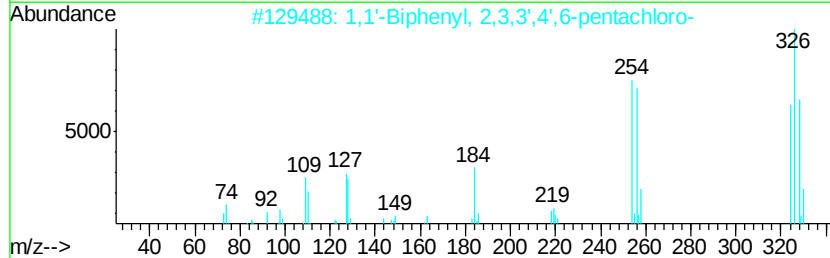
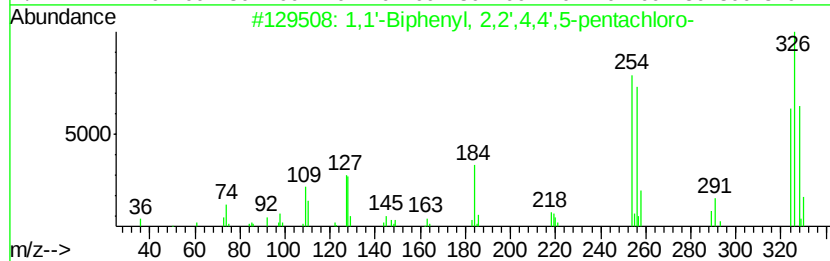
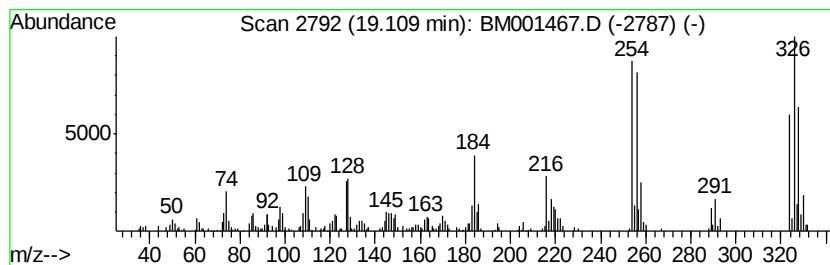
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 1,1'-Biphenyl, 2,3,3',4,4'-... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.11	2.77 ng/ul	407968	Chrysene-d12	21.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	99
2		1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
3		1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	99
4		1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	99
5		1,1'-Biphenyl, 2,3,3',4,6-Pentac...	324	C12H5Cl5	074472-35-8	99



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052915\
Data File : BM001467.D
Acq On : 30 May 2015 05:21
Operator : TP/IZ
Sample : G2411-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

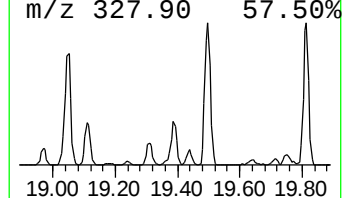
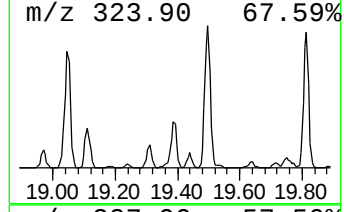
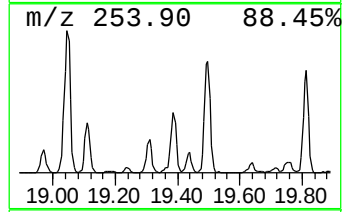
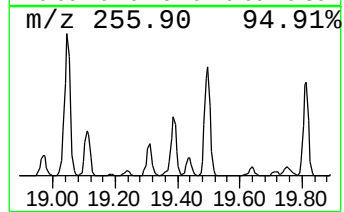
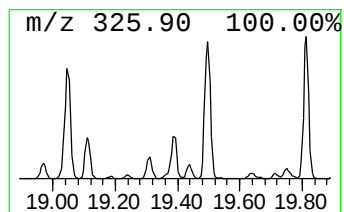
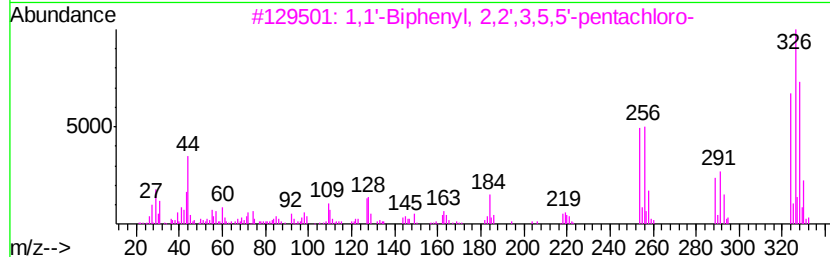
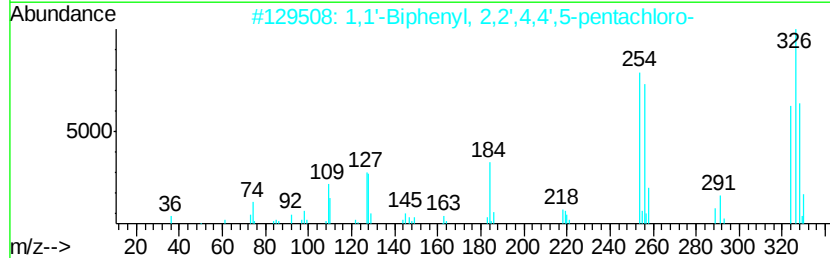
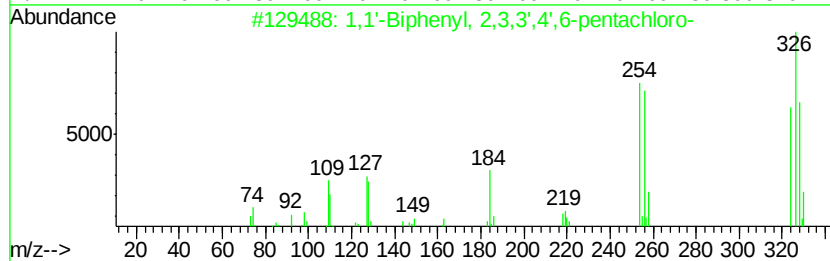
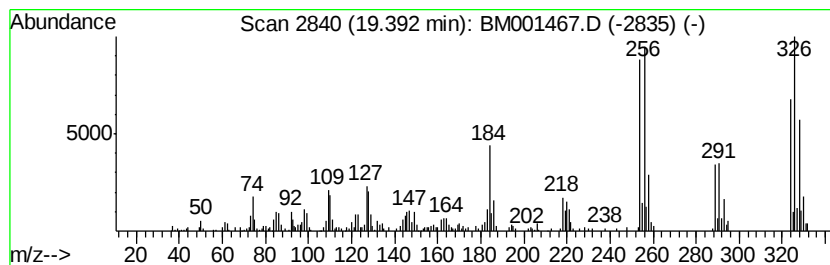
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 1,1'-Biphenyl, 2,2',3,5,5'-... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.		
19.39	3.03 ng/ul	446767	Chrysene-d12	21.03		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl,	2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
2	1,1'-Biphenyl,	2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	99
3	1,1'-Biphenyl,	2,2',3,5,5'-penta...	324	C12H5Cl5	052663-61-3	99
4	1,1'-Biphenyl,	2,2',3',4,5-Penta...	324	C12H5Cl5	041464-51-1	99
5	1,1'-Biphenyl,	2,2',3,4,5'-penta...	324	C12H5Cl5	038380-02-8	99



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052915\
Data File : BM001467.D
Acq On : 30 May 2015 05:21
Operator : TP/IZ
Sample : G2411-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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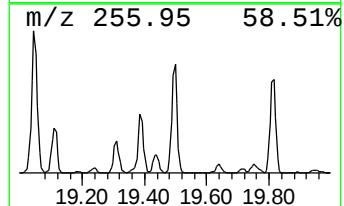
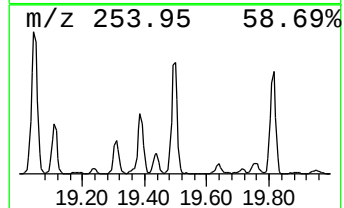
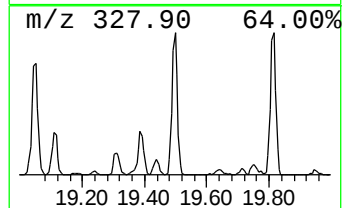
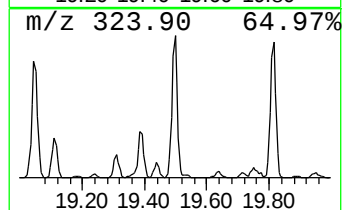
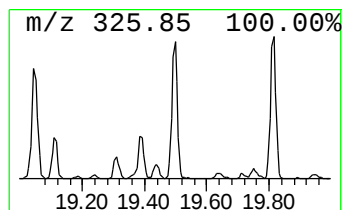
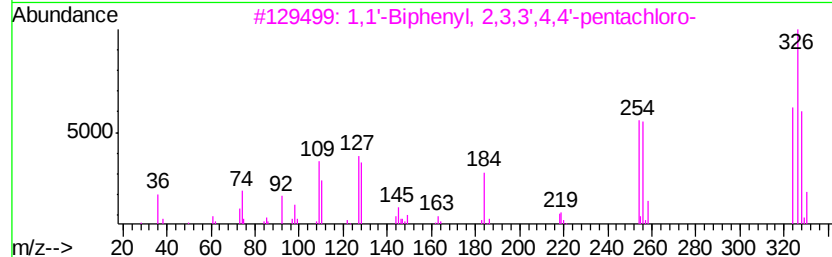
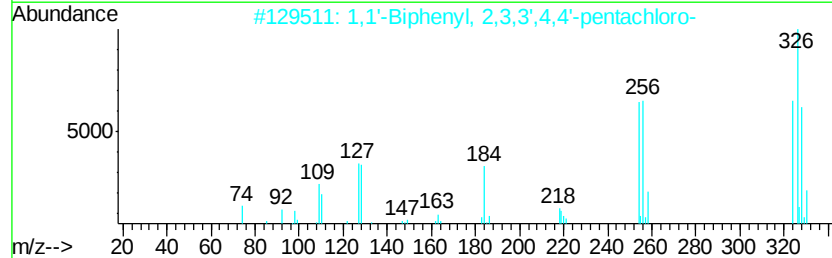
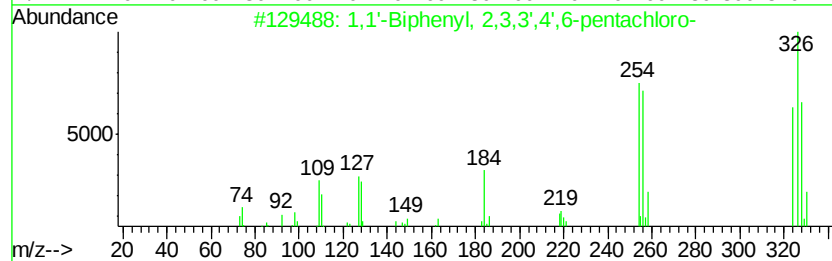
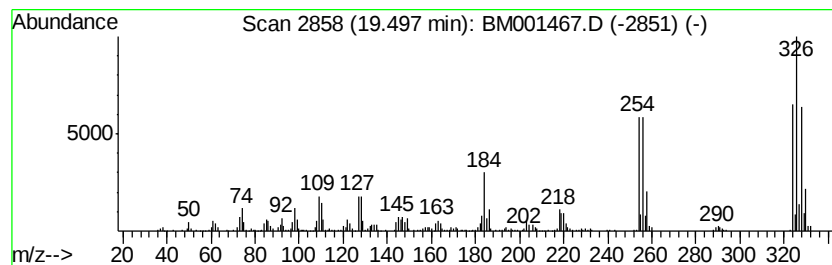
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 1,1'-Biphenyl, 2',3,4,5,5'-... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.50	6.83 ng/ul	1007260	Chrysene-d12	21.03

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99		
2	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	99		
3	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	99		
4	1,1'-Biphenyl, 2',3,4,5,5'-Penta...	324	C12H5Cl5	070424-70-3	99		
5	1,1'-Biphenyl, 2,3',4,5,5'-penta...	324	C12H5Cl5	068194-12-7	99		



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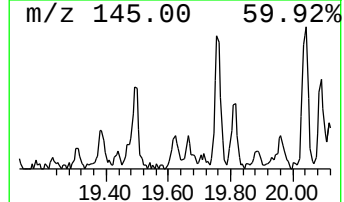
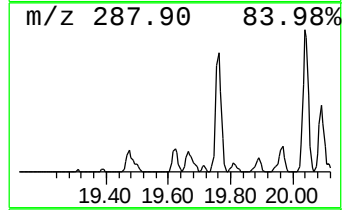
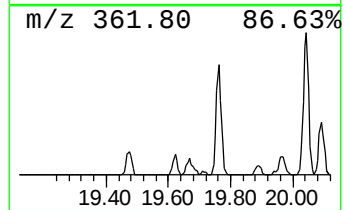
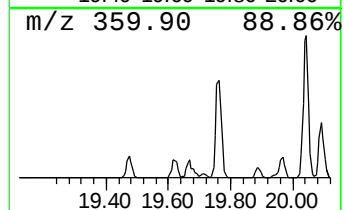
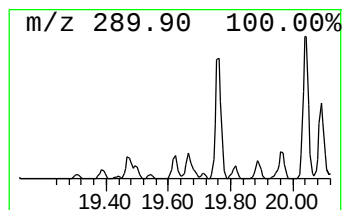
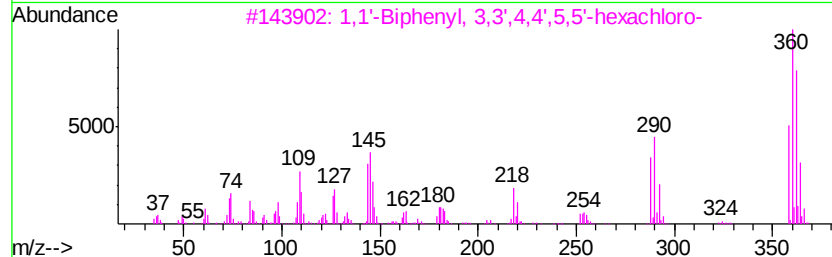
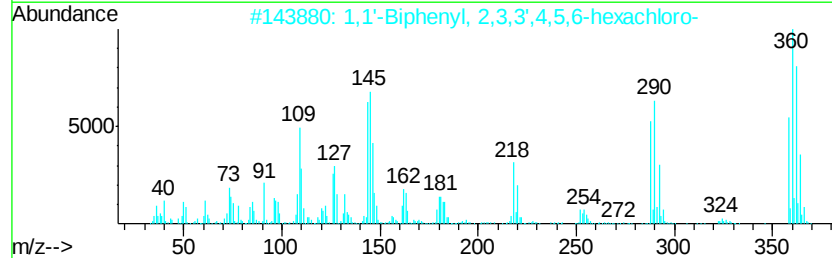
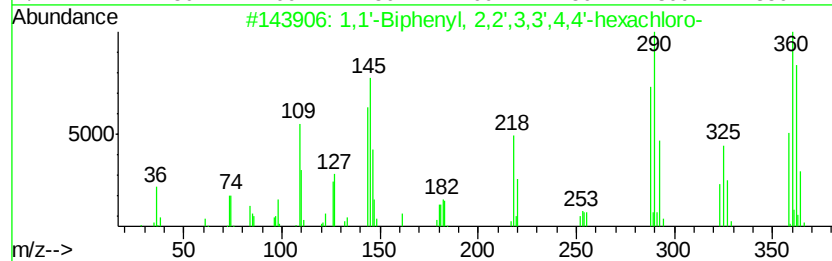
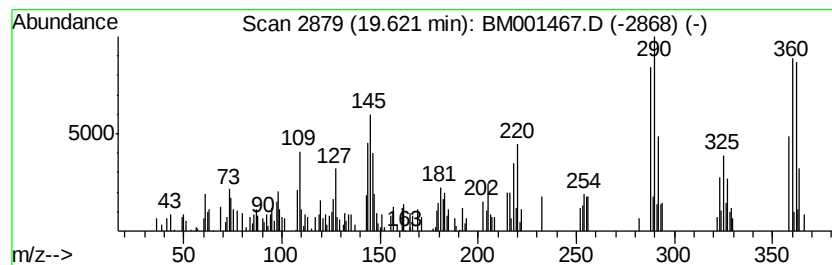
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 1,1'-Biphenyl, 2,2',3,3',4,... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.62	2.07 ng/ul	304926	Chrysene-d12	21.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,2',3,3',4,4'-he...	358	C12H4Cl6	038380-07-3	99
2		1,1'-Biphenyl, 2,3,3',4,5,6-hexa...	358	C12H4Cl6	041411-62-5	99
3		1,1'-Biphenyl, 3,3',4,4',5,5'-he...	358	C12H4Cl6	032774-16-6	99
4		1,1'-Biphenyl, 2,2',3,3',4,5-hex...	358	C12H4Cl6	055215-18-4	99
5		1,1'-Biphenyl, 2,2',3,3',4,6-Hex...	358	C12H4Cl6	061798-70-7	99



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052915\
Data File : BM001467.D
Acq On : 30 May 2015 05:21
Operator : TP/IZ
Sample : G2411-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

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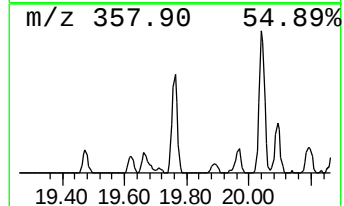
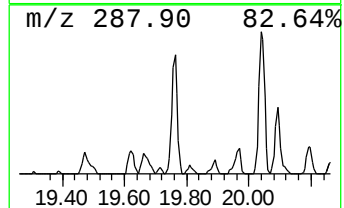
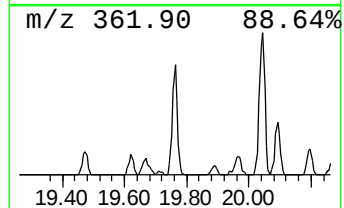
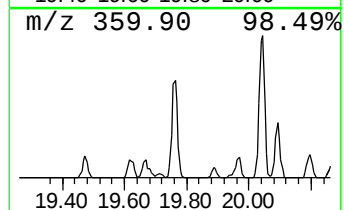
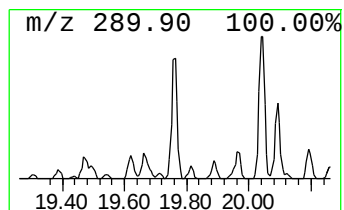
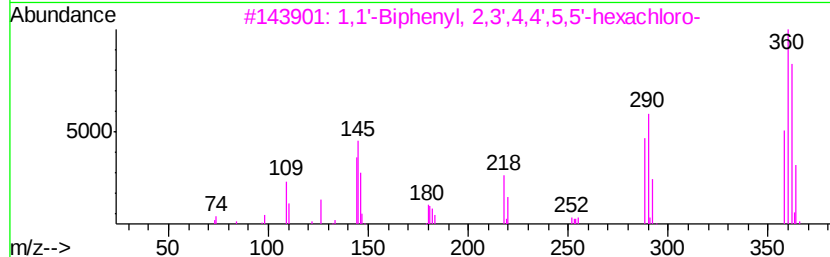
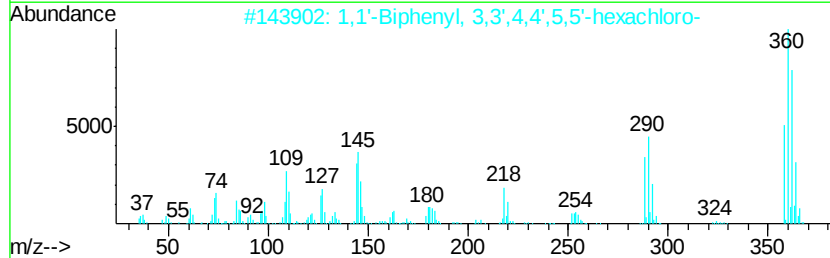
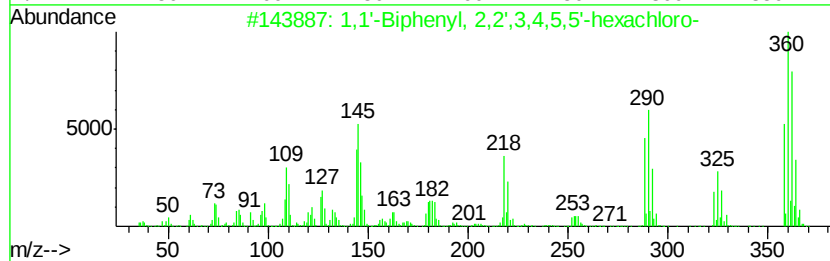
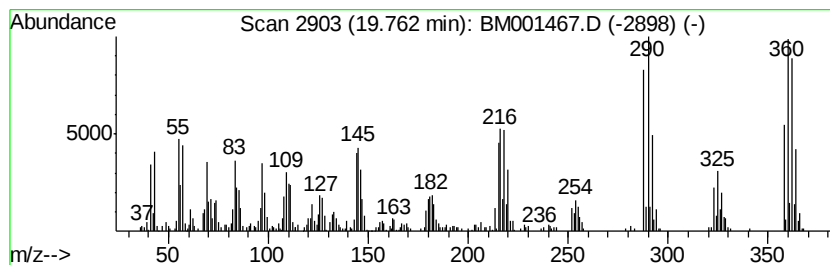
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 1,1'-Biphenyl, 2,2',3,4,5,5... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.76	5.11 ng/ul	753692	Chrysene-d12	21.03

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4,5,5'-hex...	358	C12H4Cl6	052712-04-6	99		
2	1,1'-Biphenyl, 3,3',4,4',5,5'-he...	358	C12H4Cl6	032774-16-6	99		
3	1,1'-Biphenyl, 2,3',4,4',5,5'-he...	358	C12H4Cl6	052663-72-6	99		
4	1,1'-Biphenyl, 2,3,3',4,5,6-hexa...	358	C12H4Cl6	041411-62-5	99		
5	1,1'-Biphenyl, 2,2',4,4',5,5'-he...	358	C12H4Cl6	035065-27-1	99		



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052915\
Data File : BM001467.D
Acq On : 30 May 2015 05:21
Operator : TP/IZ
Sample : G2411-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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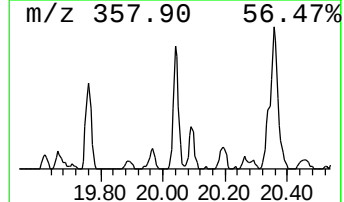
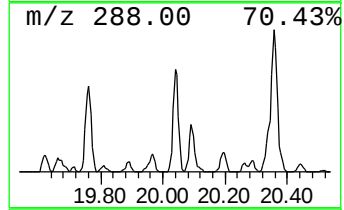
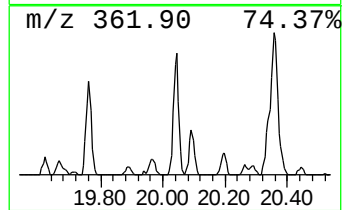
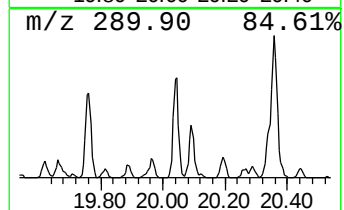
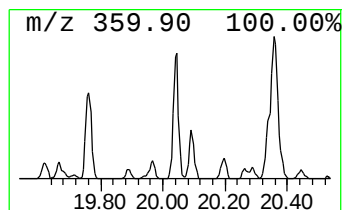
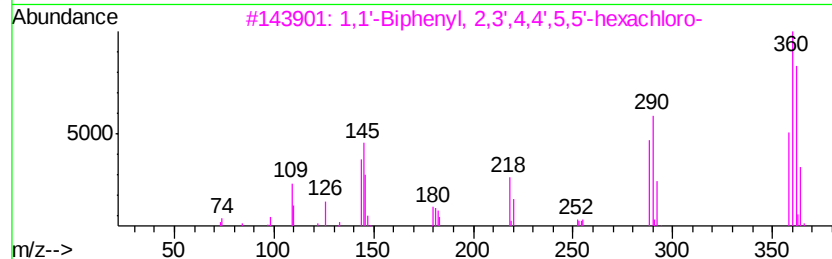
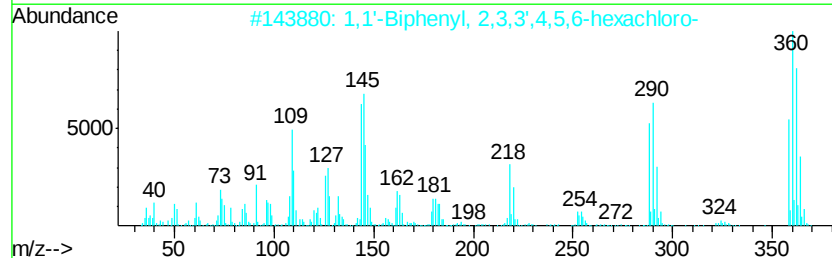
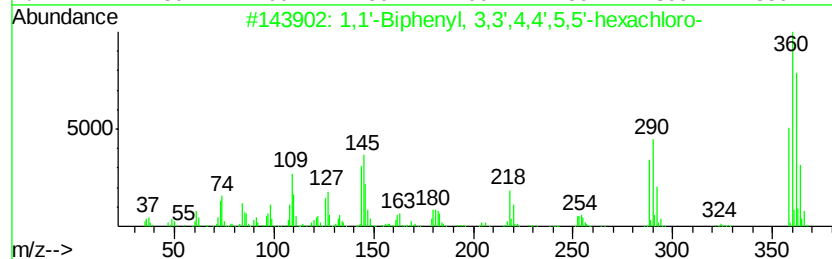
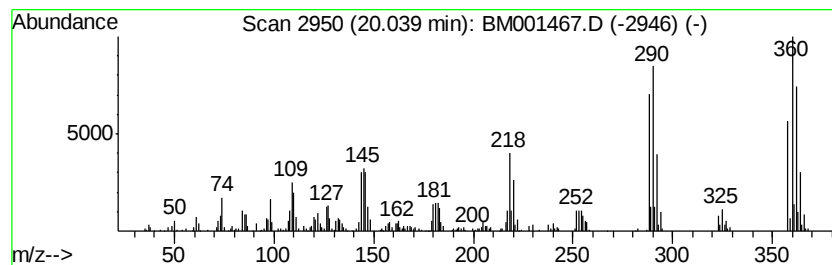
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 1,1'-Biphenyl, 3,3',4,4',5,... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.04	4.01 ng/ul	590928	Chrysene-d12	21.03

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 3,3',4,4',5,5'-he...	358	C12H4Cl6	032774-16-6	99		
2	1,1'-Biphenyl, 2,3,3',4,5,6-hexa...	358	C12H4Cl6	041411-62-5	99		
3	1,1'-Biphenyl, 2,3',4,4',5,5'-he...	358	C12H4Cl6	052663-72-6	99		
4	1,1'-Biphenyl, 2,3,3',4,4',5-hex...	358	C12H4Cl6	038380-08-4	99		
5	1,1'-Biphenyl, 2,2',3,3',6,6'-he...	358	C12H4Cl6	038411-22-2	99		



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052915\
Data File : BM001467.D
Acq On : 30 May 2015 05:21
Operator : TP/IZ
Sample : G2411-08
Misc :
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Instrument :
BNA_M
ClientSampleId :
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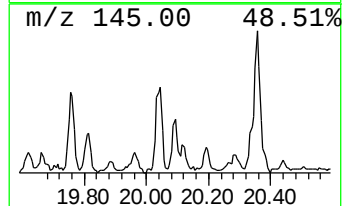
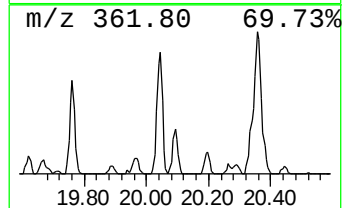
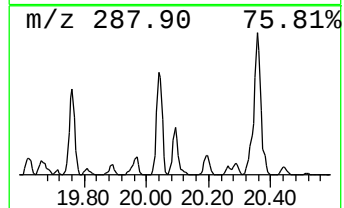
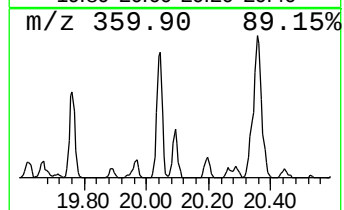
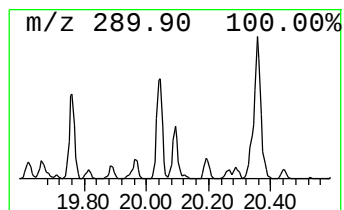
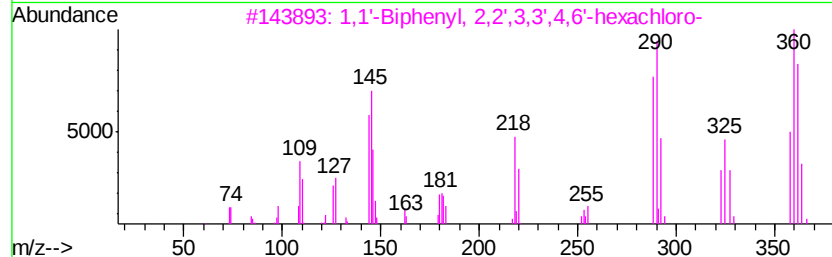
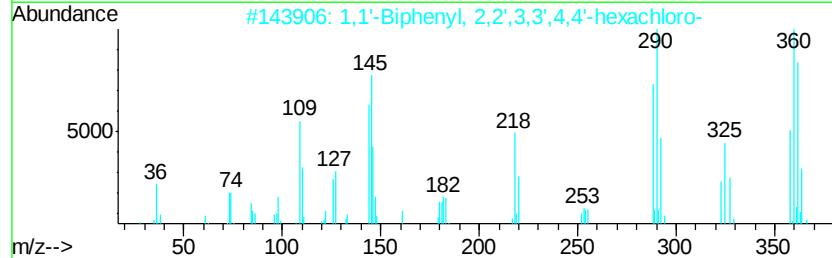
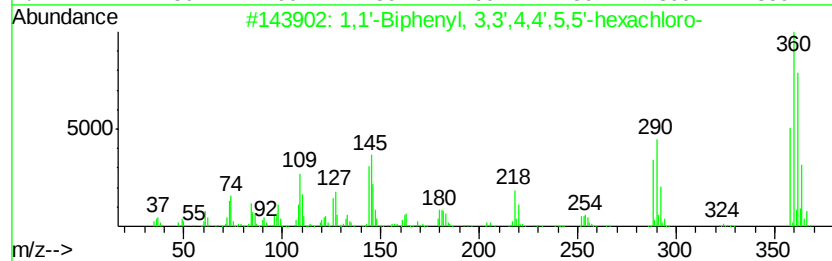
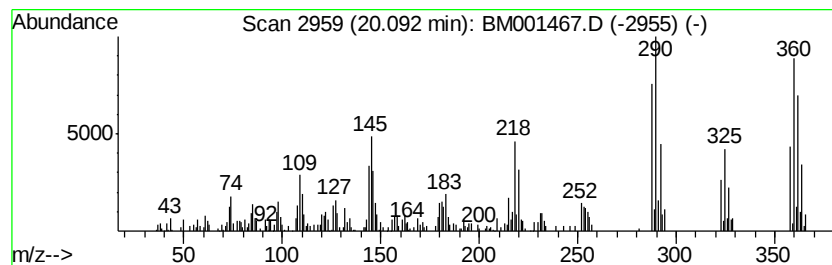
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 1,1'-Biphenyl, 2,2',3,3',4,... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.09	2.08 ng/ul	307136	Chrysene-d12	21.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 3,3',4,4',5,5'-he...	358	C12H4Cl6	032774-16-6	99
2		1,1'-Biphenyl, 2,2',3,3',4,4'-he...	358	C12H4Cl6	038380-07-3	99
3		1,1'-Biphenyl, 2,2',3,3',4,6'-he...	358	C12H4Cl6	038380-05-1	99
4		1,1'-Biphenyl, 2,2',3,4,5,6'-Hex...	358	C12H4Cl6	068194-15-0	99
5		1,1'-Biphenyl, 2,2',3,3',4,4'-he...	358	C12H4Cl6	038380-07-3	99



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052915\
Data File : BM001467.D
Acq On : 30 May 2015 05:21
Operator : TP/IZ
Sample : G2411-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

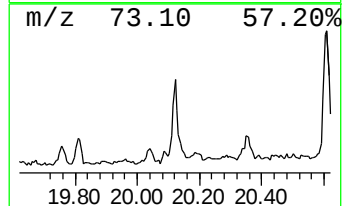
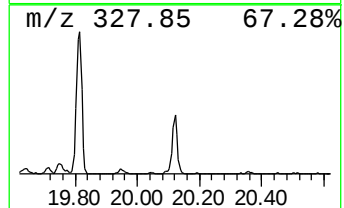
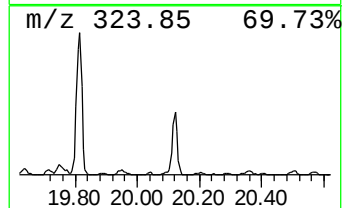
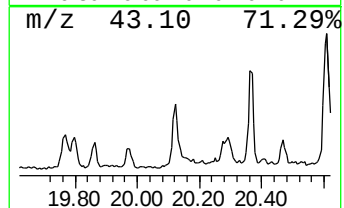
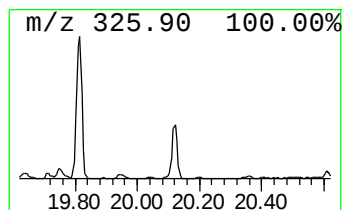
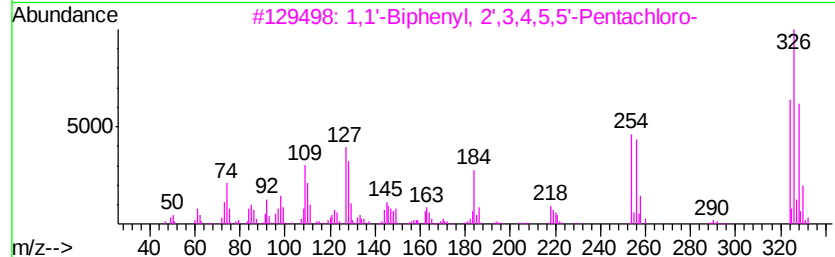
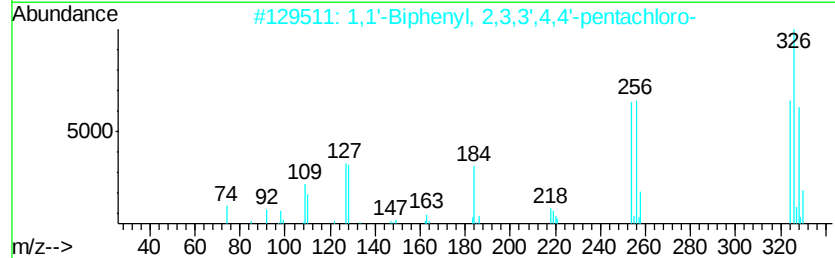
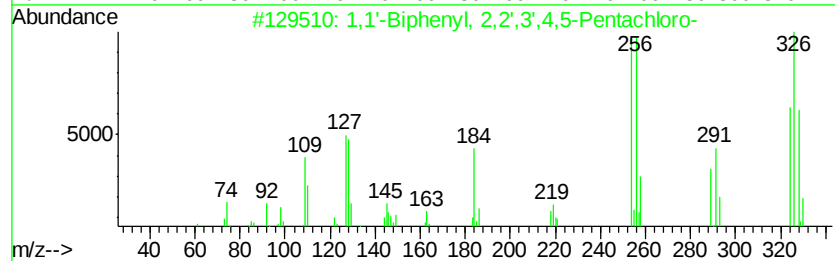
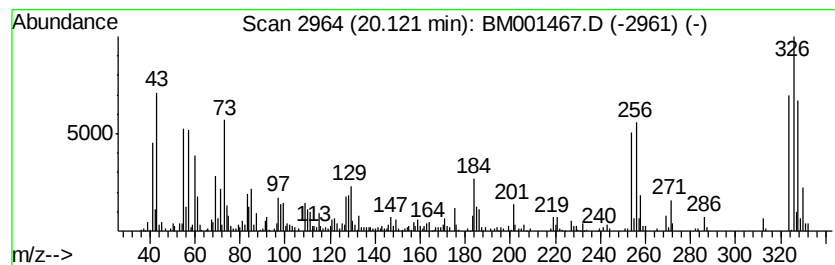
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052915.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 1,1'-Biphenyl, 2,2',3',4,5-... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.		
20.12	4.76 ng/ul	701610	Chrysene-d12	21.03		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl,	2,2',3',4,5-Penta...	324	C12H5Cl5	041464-51-1	96
2	1,1'-Biphenyl,	2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	96
3	1,1'-Biphenyl,	2',3,4,5,5'-Penta...	324	C12H5Cl5	070424-70-3	94
4	1,1'-Biphenyl,	2,3,4',5,6-Pentac...	324	C12H5Cl5	068194-11-6	93
5	1,1'-Biphenyl,	2,3,4,4',5-Pentac...	324	C12H5Cl5	074472-37-0	93



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052915\
Data File : BM001467.D
Acq On : 30 May 2015 05:21
Operator : TP/IZ
Sample : G2411-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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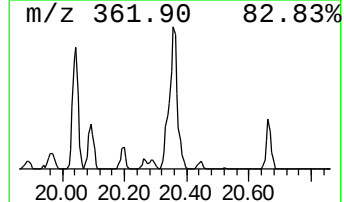
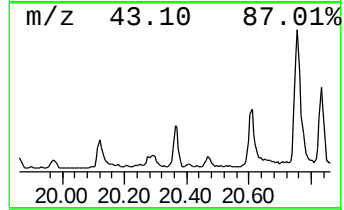
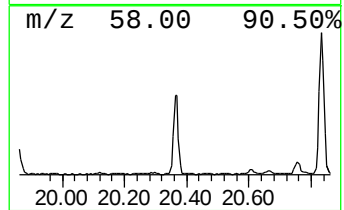
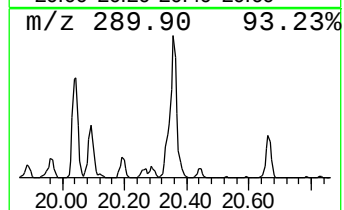
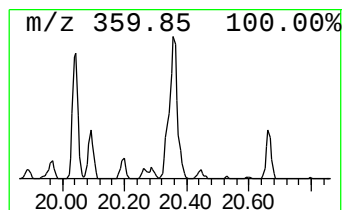
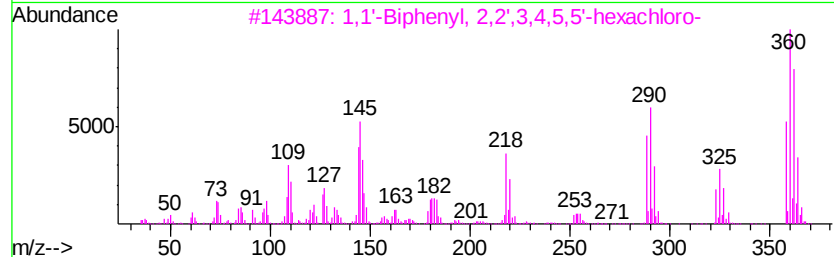
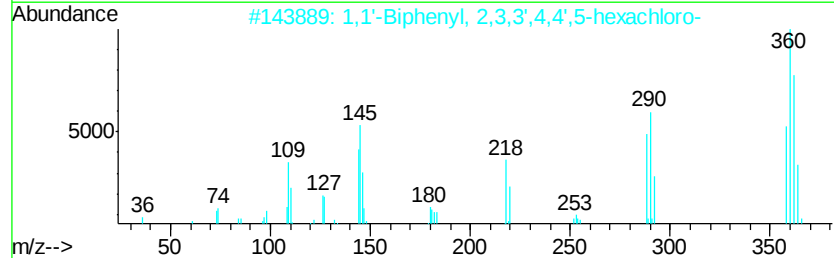
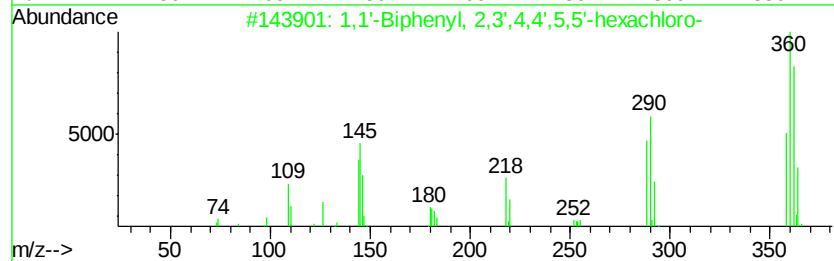
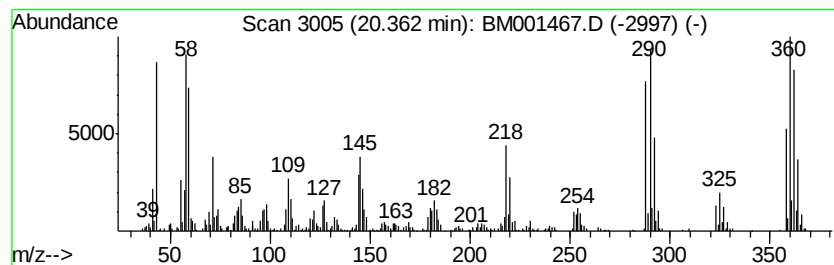
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 1,1'-Biphenyl, 2,3',4,4',5,... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.36	8.18 ng/ul	1206320	Chrysene-d12	21.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,3',4,4',5,5'-he...	358	C12H4Cl6	052663-72-6	99
2		1,1'-Biphenyl, 2,3,3',4,4',5-hex...	358	C12H4Cl6	038380-08-4	99
3		1,1'-Biphenyl, 2,2',3,4,5,5'-hex...	358	C12H4Cl6	052712-04-6	99
4		1,1'-Biphenyl, 3,3',4,4',5,5'-he...	358	C12H4Cl6	032774-16-6	99
5		1,1'-Biphenyl, 2,3,3',4,5,6-hexa...	358	C12H4Cl6	041411-62-5	99



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052915\
Data File : BM001467.D
Acq On : 30 May 2015 05:21
Operator : TP/IZ
Sample : G2411-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

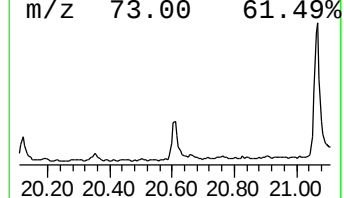
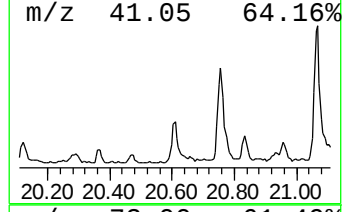
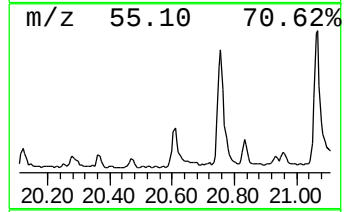
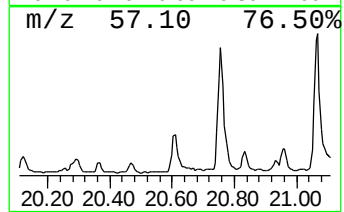
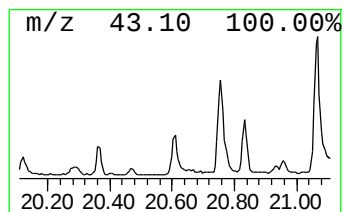
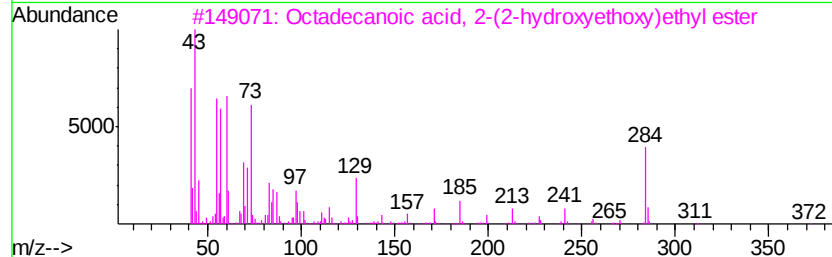
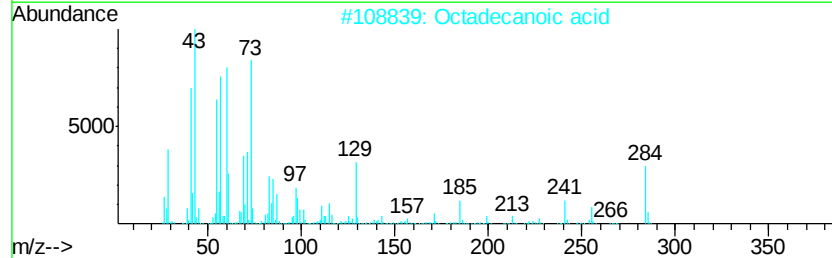
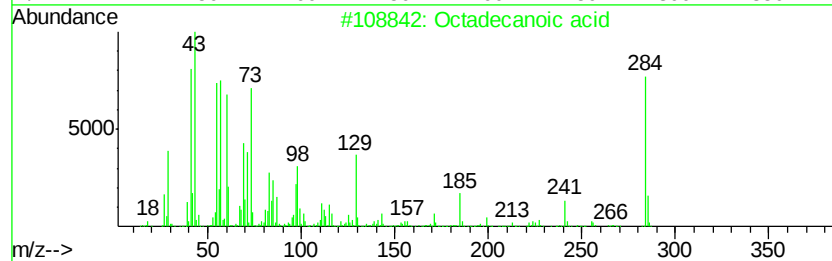
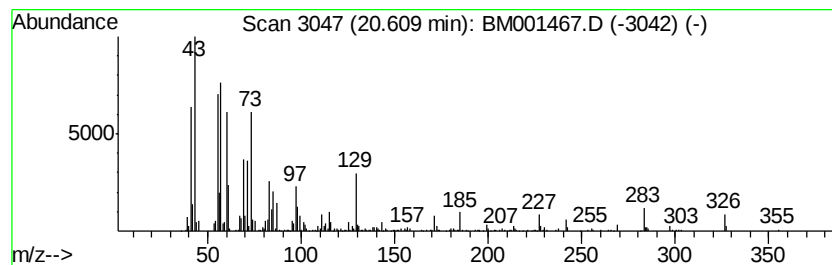
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052915.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Octadecanoic acid Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.61	4.62 ng/ul	681225	Chrysene-d12	21.03	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	95
2	Octadecanoic acid	284	C18H36O2	000057-11-4	81
3	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	80
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	76
5	Octadecanoic acid	284	C18H36O2	000057-11-4	74



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052915\
Data File : BM001467.D
Acq On : 30 May 2015 05:21
Operator : TP/IZ
Sample : G2411-08
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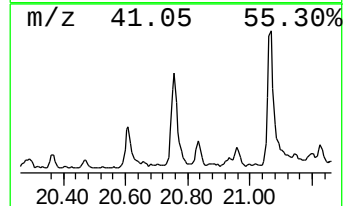
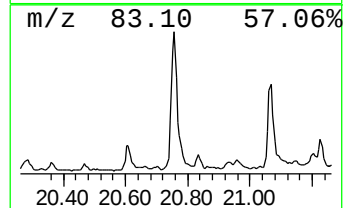
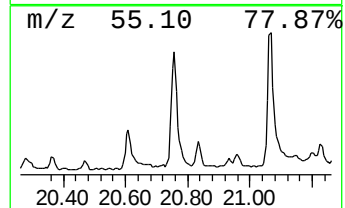
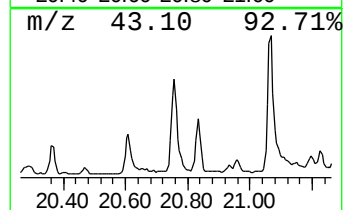
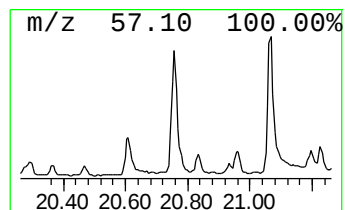
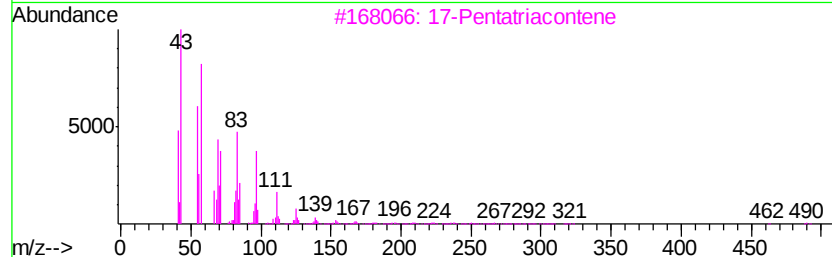
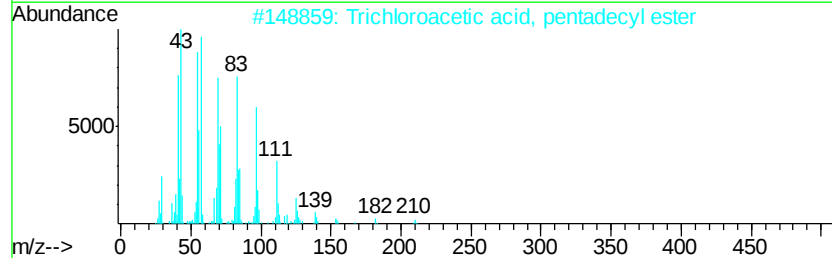
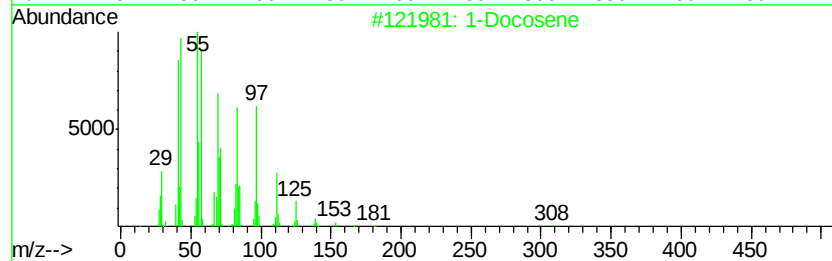
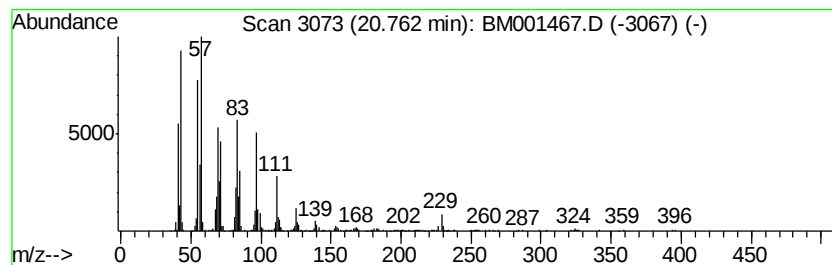
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 (DEL) Alkane: Cyclic-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.76	10.77 ng/ul	1589500	Chrysene-d12	21.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Docosene	308	C22H44	001599-67-3	95
2		Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	93
3		17-Pentatriacontene	491	C35H70	006971-40-0	91
4		1-Tricosene	322	C23H46	018835-32-0	91
5		Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	91



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052915\
Data File : BM001467.D
Acq On : 30 May 2015 05:21
Operator : TP/IZ
Sample : G2411-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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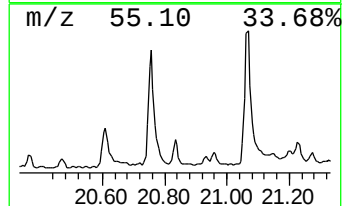
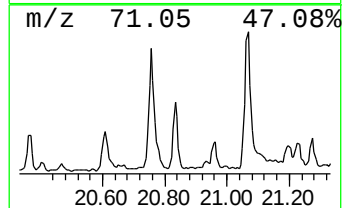
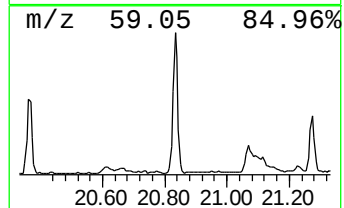
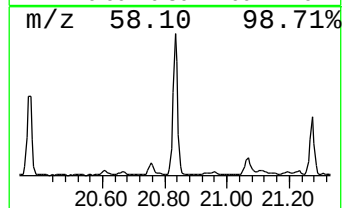
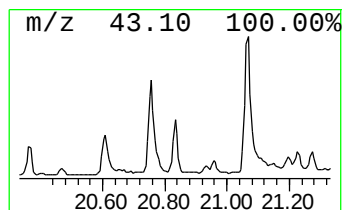
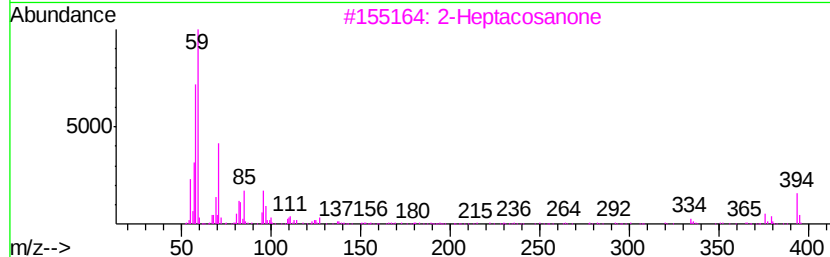
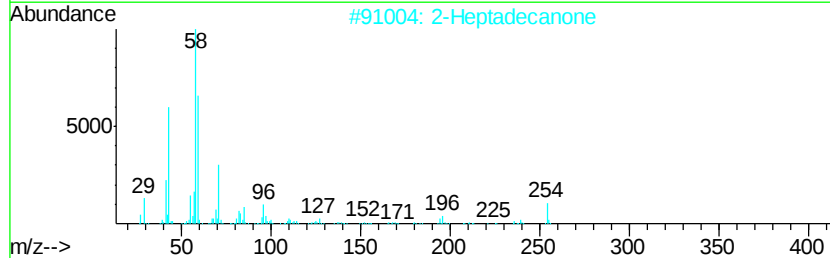
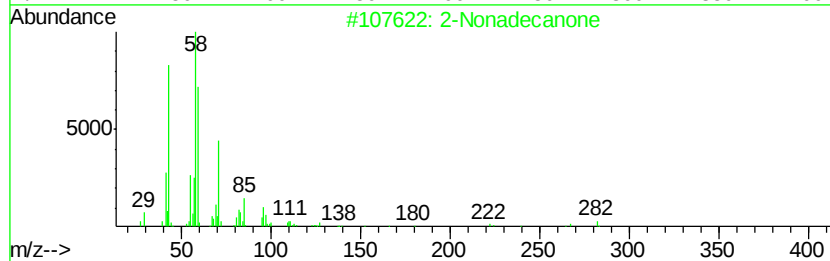
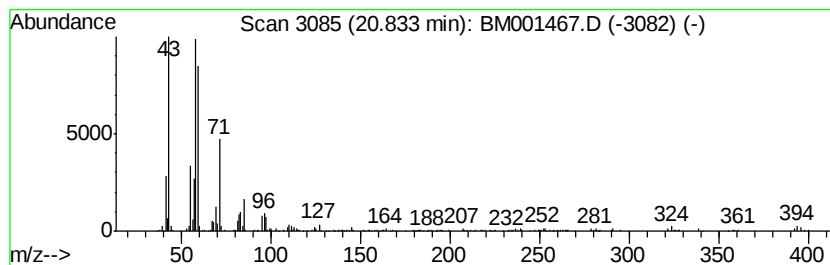
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 (DEL) Alkane: Cyclic-02 Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.83	3.05 ng/ul	450198	Chrysene-d12	21.03

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Nonadecanone			282	C19H38O	000629-66-3	64
2	2-Heptadecanone			254	C17H34O	002922-51-2	64
3	2-Heptacosanone			394	C27H54O	007796-19-2	62
4	2-Heptadecanone			254	C17H34O	002922-51-2	59
5	2-Pentacosanone			366	C25H50O	075207-54-4	52



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052915\
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Acq On : 30 May 2015 05:21
Operator : TP/IZ
Sample : G2411-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

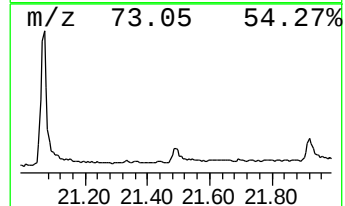
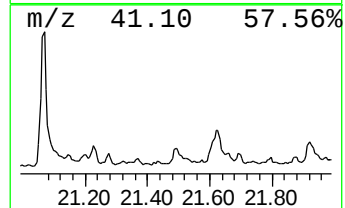
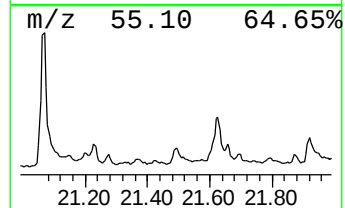
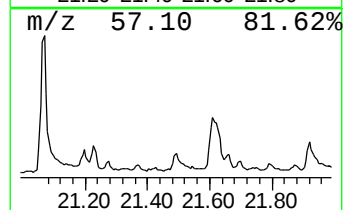
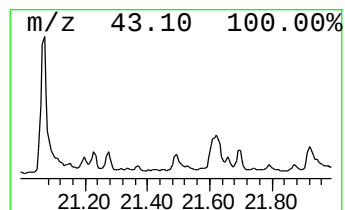
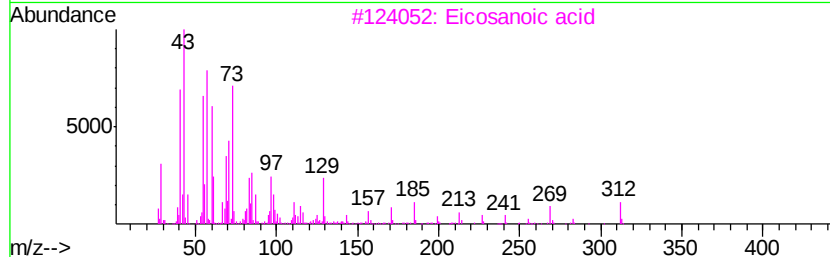
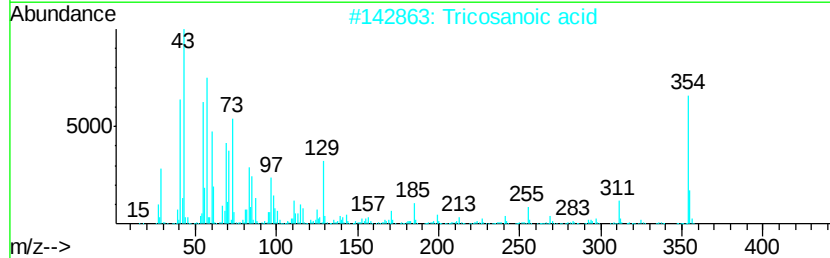
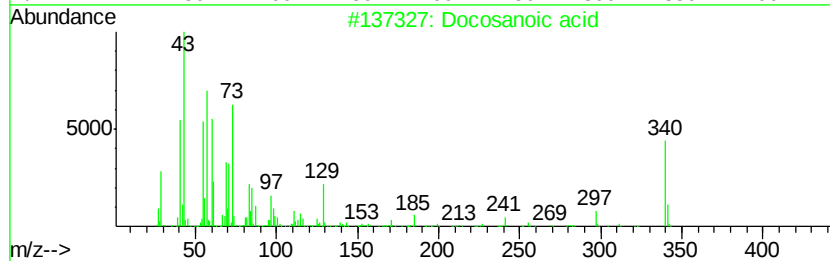
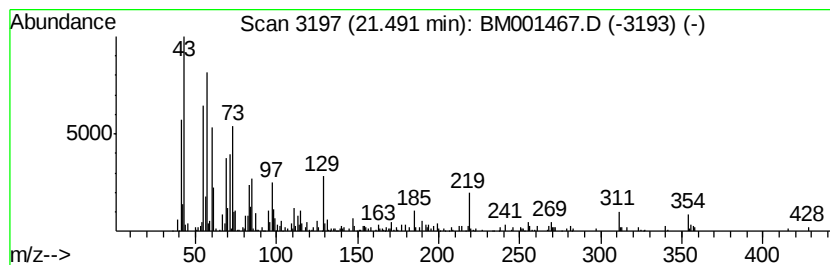
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 Docosanoic acid Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.49	2.77 ng/ul	409355	Chrysene-d12	21.03
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Docosanoic acid	340 C22H44O2	000112-85-6 92
2		Tricosanoic acid	354 C23H46O2	002433-96-7 91
3		Eicosanoic acid	312 C20H40O2	000506-30-9 68
4		Eicosanoic acid	312 C20H40O2	000506-30-9 49
5		Octadecane, 2-methyl-	268 C19H40	001560-88-9 35



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052915\
Data File : BM001467.D
Acq On : 30 May 2015 05:21
Operator : TP/IZ
Sample : G2411-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

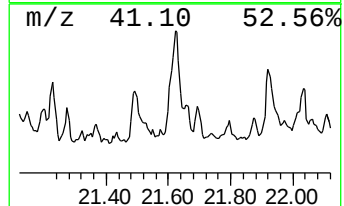
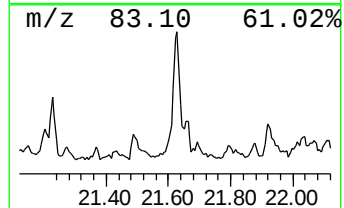
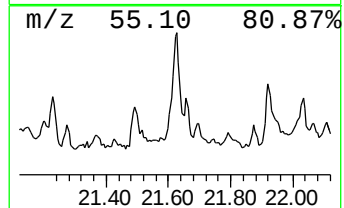
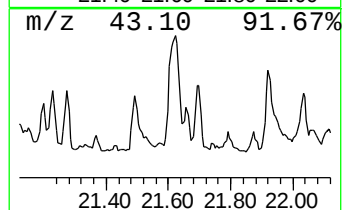
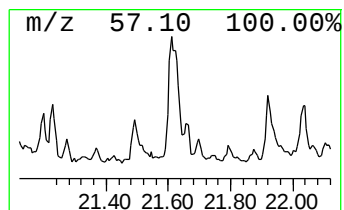
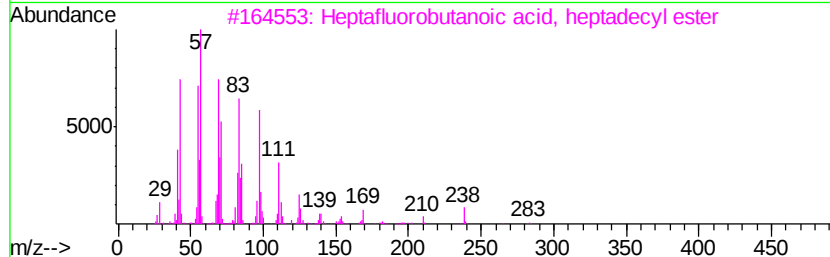
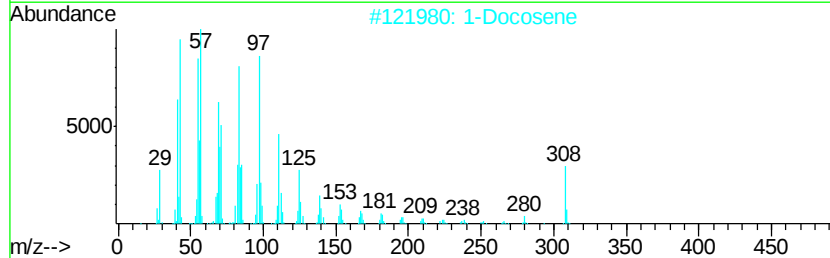
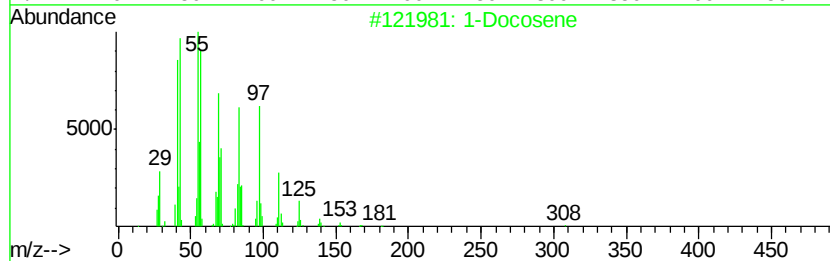
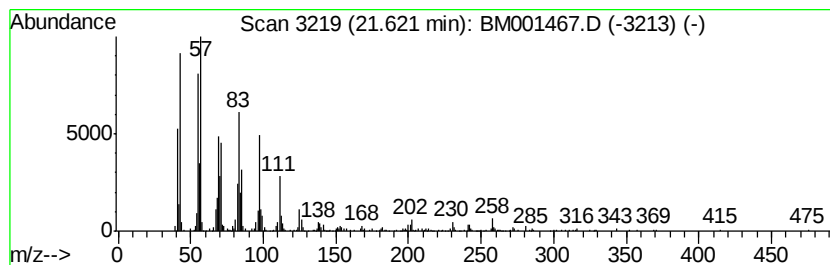
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 21 (DEL) Alkane: Cyclic-03 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.		
21.62	5.87 ng/ul	866323	Chrysene-d12	21.03		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene		308	C22H44	001599-67-3	99
2	1-Docosene		308	C22H44	001599-67-3	99
3	Heptafluorobutanoic acid, heptadecanoic acid		452	C21H35F7O2	1000282-97-3	91
4	1-Hexadecanesulfonyl chloride		324	C16H33ClO2S	038775-38-1	91
5	Trifluoroacetic acid, n-octadecanoic acid		366	C20H37F3O2	079392-43-1	91



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052915\
Data File : BM001467.D
Acq On : 30 May 2015 05:21
Operator : TP/IZ
Sample : G2411-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
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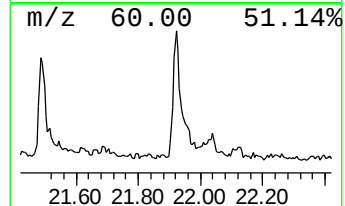
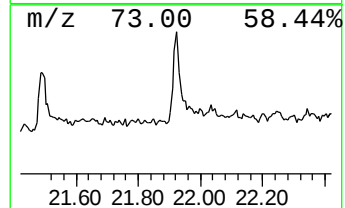
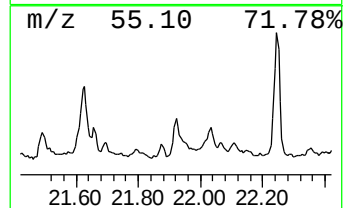
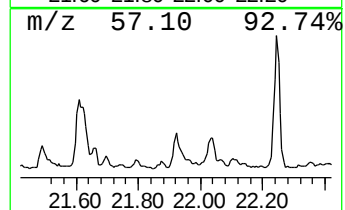
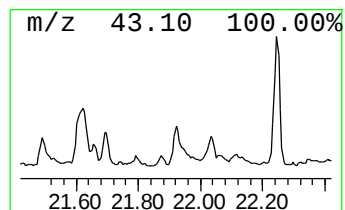
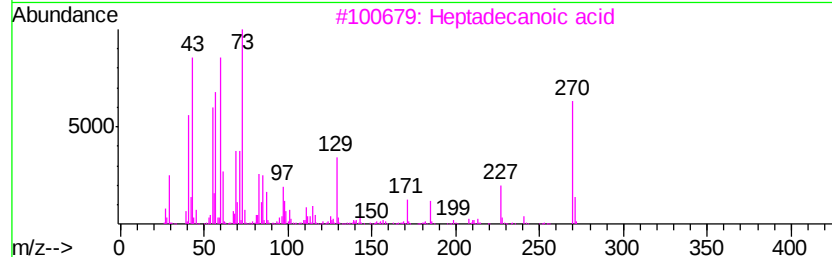
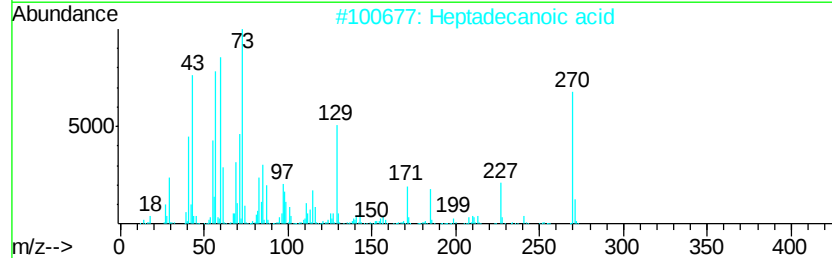
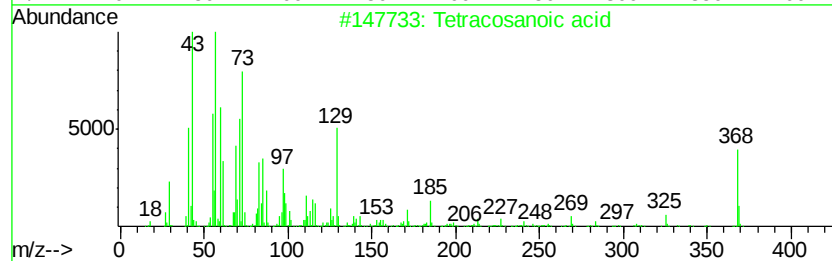
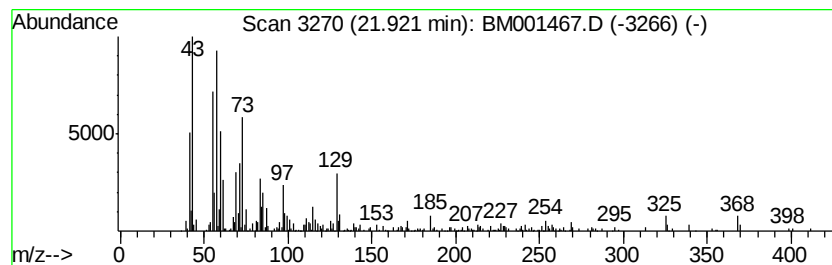
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 22 Tetracosanoic acid Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.92	4.80 ng/ul	708826	Chrysene-d12	21.03

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetracosanoic acid	368	C24H48O2	000557-59-5	96
2			Heptadecanoic acid	270	C17H34O2	000506-12-7	86
3			Heptadecanoic acid	270	C17H34O2	000506-12-7	70
4			Tridecanoic acid	214	C13H26O2	000638-53-9	64
5			Methyl 6-O-[1-methylpropyl]-.bet...	250	C11H22O6	1000126-15-7	43



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052915\
Data File : BM001467.D
Acq On : 30 May 2015 05:21
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Sample : G2411-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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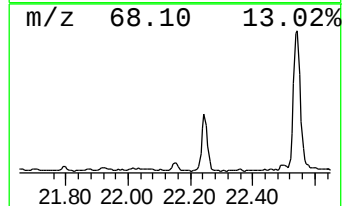
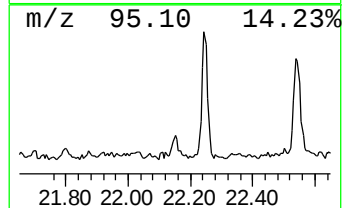
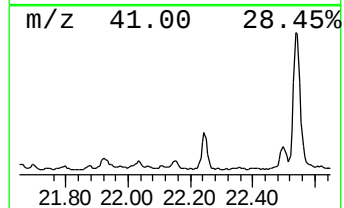
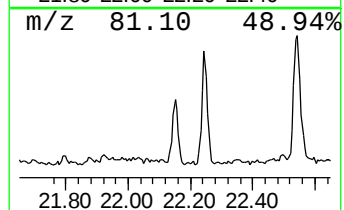
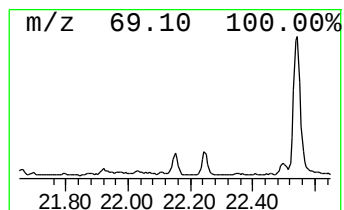
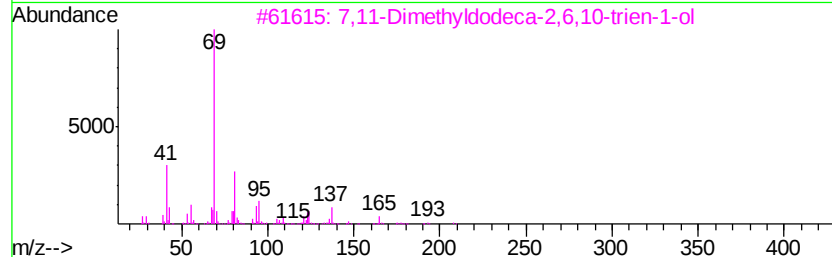
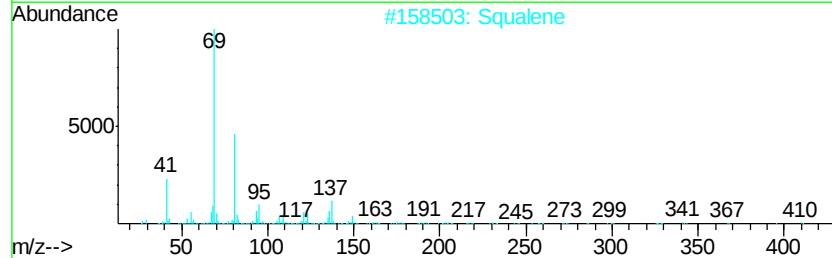
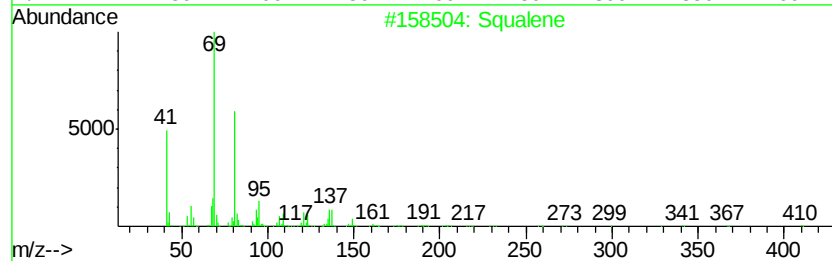
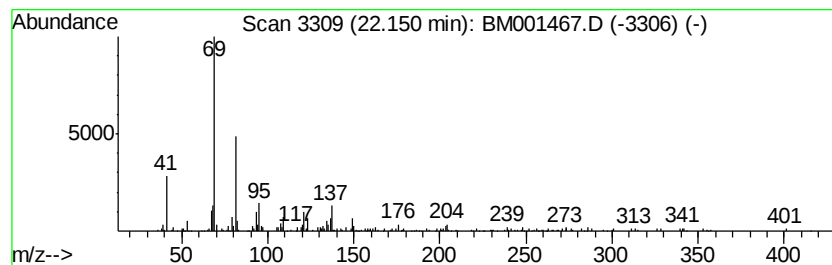
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 23 Squalene Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.15	2.04 ng/ul	221569	Perylene-d12	23.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Squalene	410	C30H50	007683-64-9	83
2		Squalene	410	C30H50	007683-64-9	83
3		7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	64
4		Farnesol isomer a	222	C15H26O	1000108-92-4	64
5		Docosa-2,6,10,14,18-pentaen-22-a...	384	C27H44O	1000163-04-7	64



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052915\
Data File : BM001467.D
Acq On : 30 May 2015 05:21
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Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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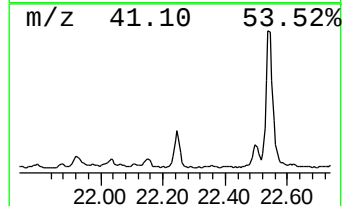
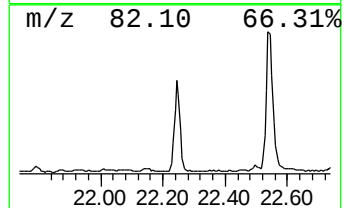
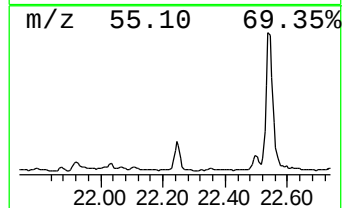
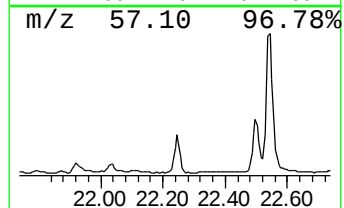
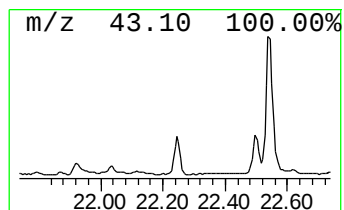
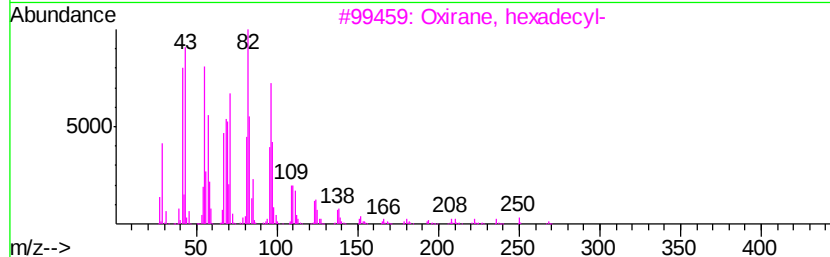
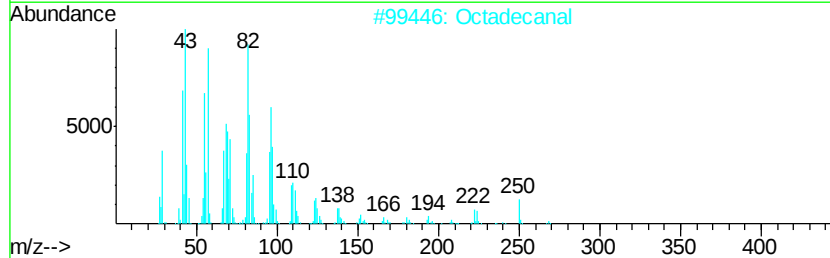
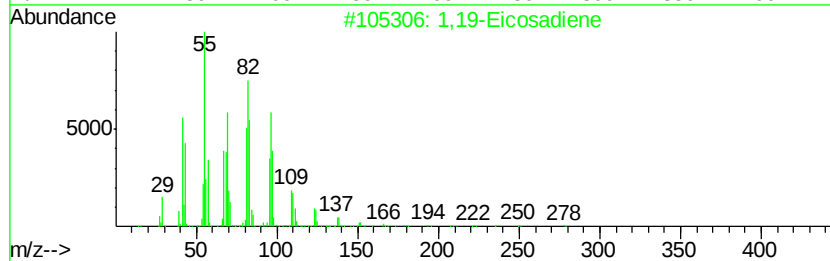
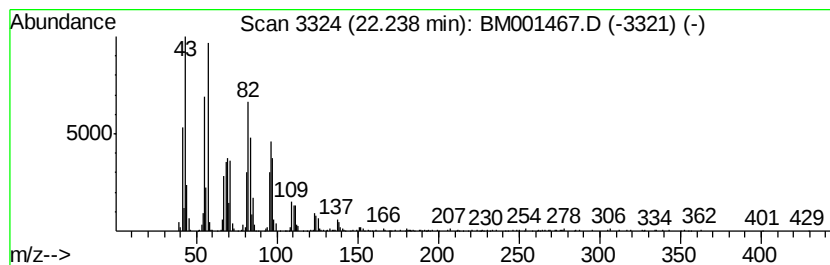
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 24 1,19-Eicosadiene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.24	11.75 ng/ul	1274370	Perylene-d12	23.12

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,19-Eicosadiene	278	C20H38	014811-95-1	96
2			Octadecanal	268	C18H36O	000638-66-4	95
3			Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
4			Oxirane, heptadecyl-	282	C19H38O	067860-04-2	91
5			Octadecanal	268	C18H36O	000638-66-4	91



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052915\
Data File : BM001467.D
Acq On : 30 May 2015 05:21
Operator : TP/IZ
Sample : G2411-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

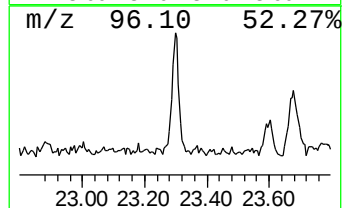
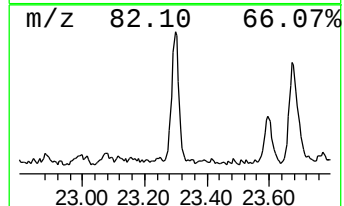
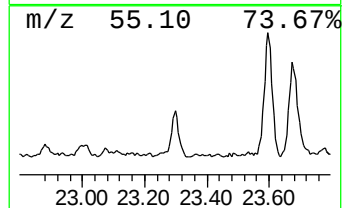
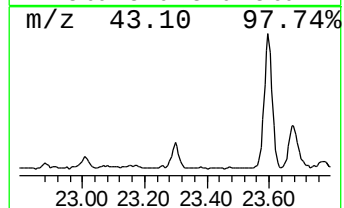
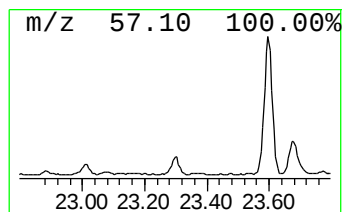
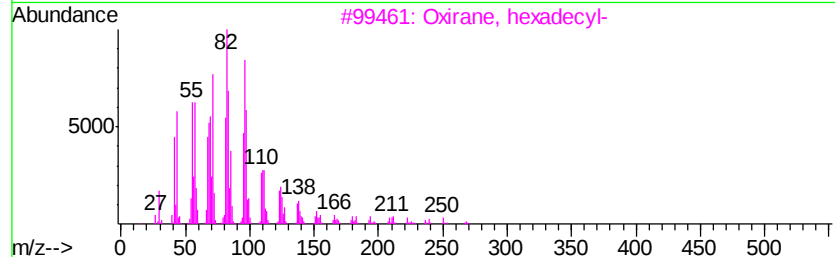
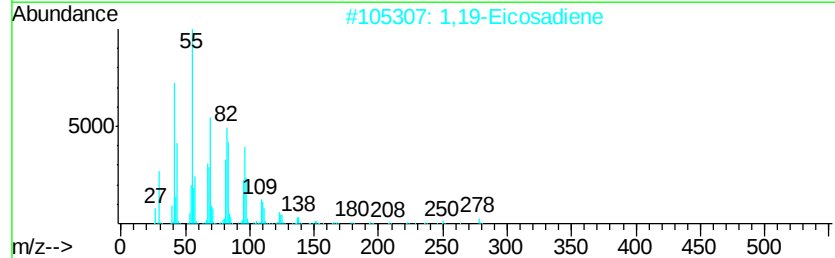
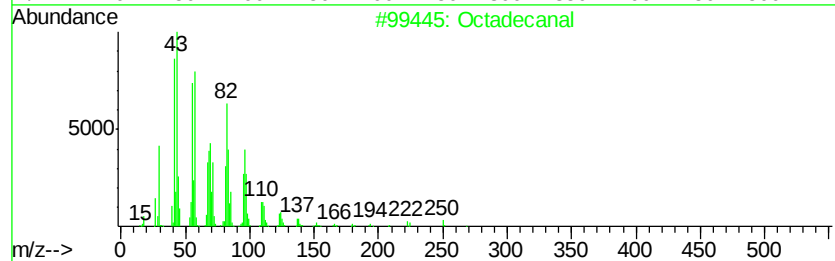
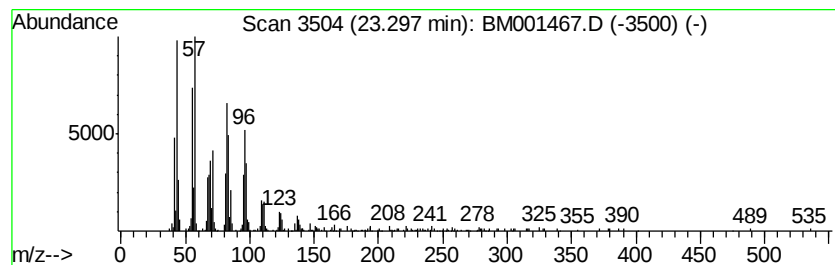
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 25 Octadecanal Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD		R.T.
23.30	5.41 ng/ul	586532	Perylene-d12		23.12
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanal	268	C18H36O	000638-66-4	94
2	1,19-Eicosadiene	278	C20H38	014811-95-1	93
3	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	87
4	9-Hexadecen-1-ol, (Z)-	240	C16H32O	010378-01-5	83
5	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	81



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052915\
Data File : BM001467.D
Acq On : 30 May 2015 05:21
Operator : TP/IZ
Sample : G2411-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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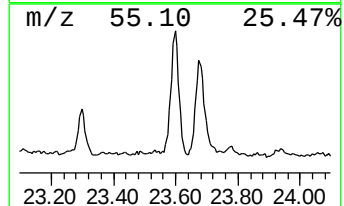
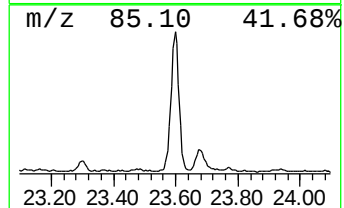
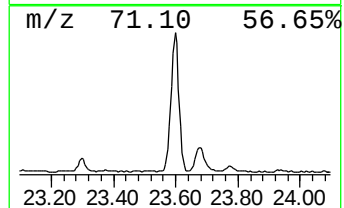
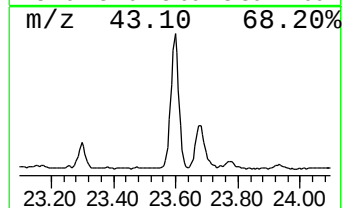
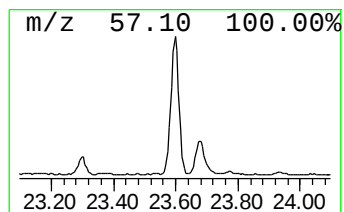
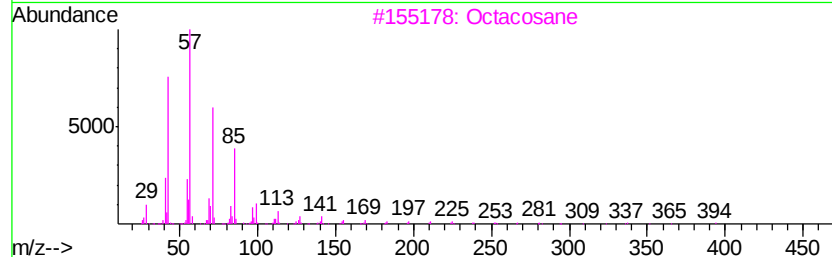
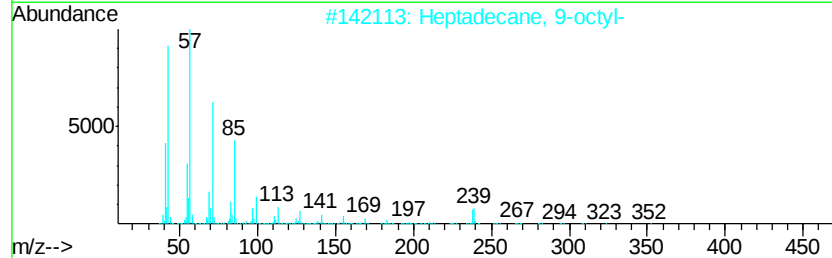
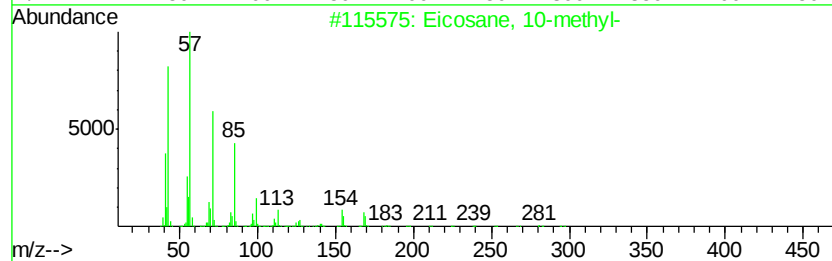
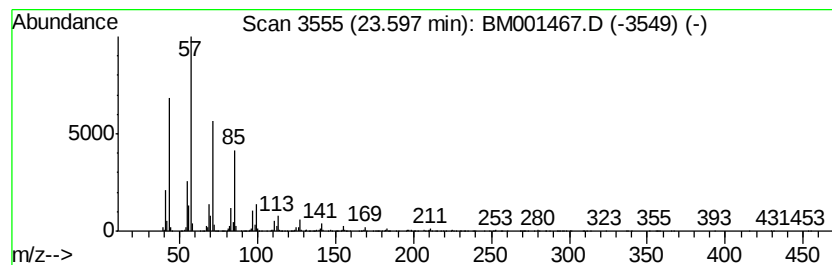
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.60	21.03 ng/ul	2281600	Perylene-d12	23.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
2		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3		Octacosane	394	C28H58	000630-02-4	91
4		Pentacosane	352	C25H52	000629-99-2	91
5		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052915\
Data File : BM001467.D
Acq On : 30 May 2015 05:21
Operator : TP/IZ
Sample : G2411-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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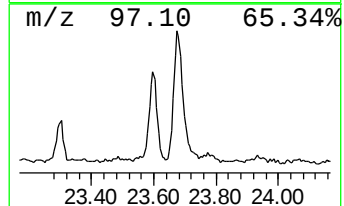
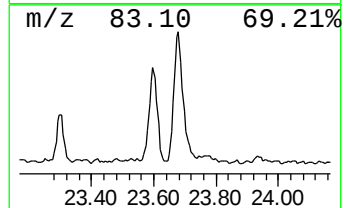
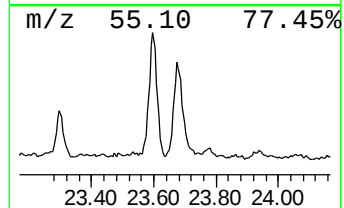
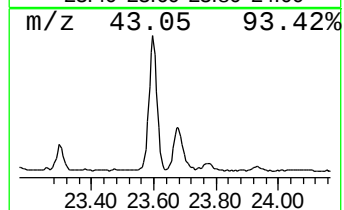
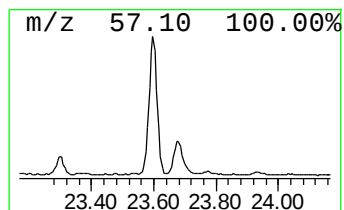
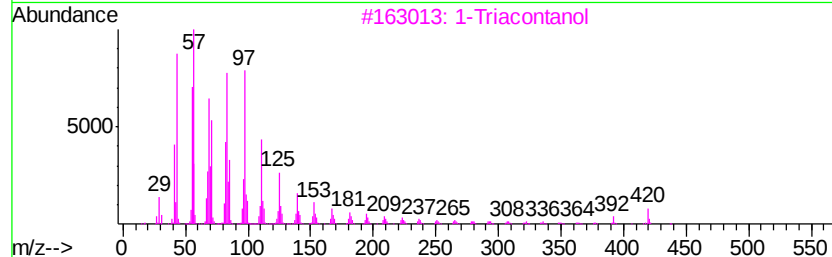
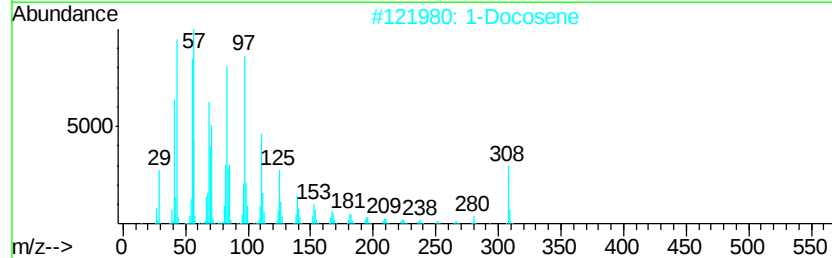
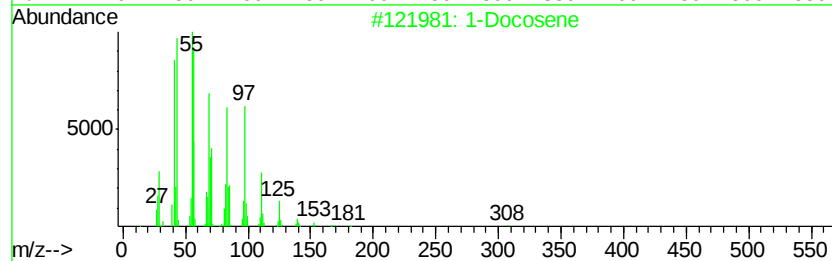
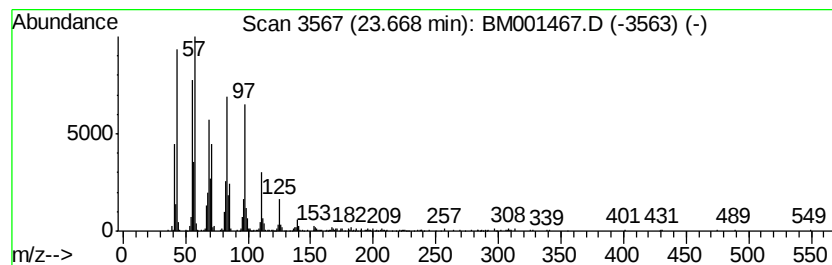
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 27 (DEL) Alkane: Cyclic-05 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.67	10.41 ng/ul	1129110	Perylene-d12	23.12

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene			308	C22H44	001599-67-3	96
2	1-Docosene			308	C22H44	001599-67-3	94
3	1-Triacontanol			438	C30H62O	000593-50-0	91
4	17-Pentatriacontene			491	C35H70	006971-40-0	91
5	1-Hexacosanol			382	C26H54O	000506-52-5	87



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052915\
Data File : BM001467.D
Acq On : 30 May 2015 05:21
Operator : TP/IZ
Sample : G2411-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

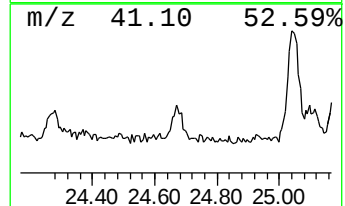
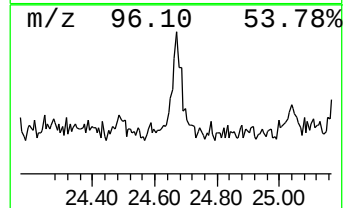
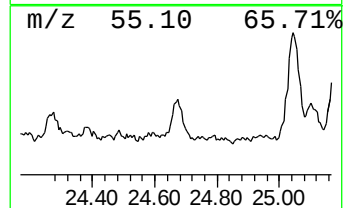
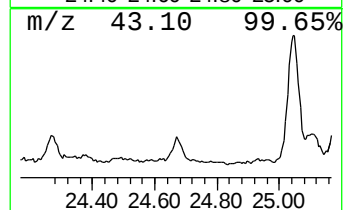
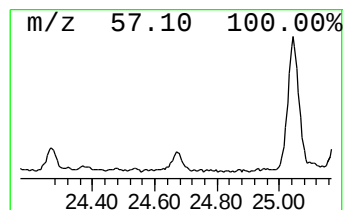
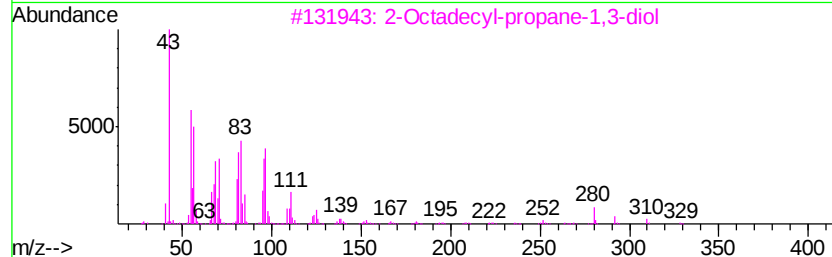
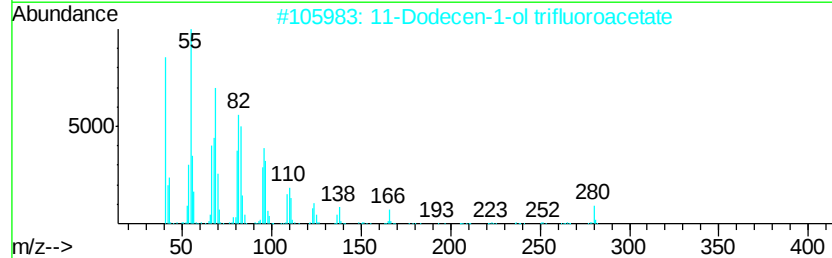
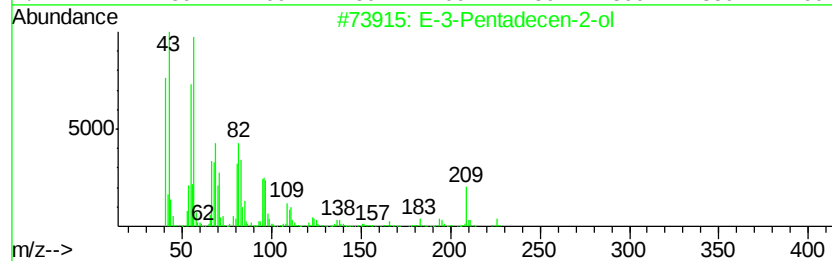
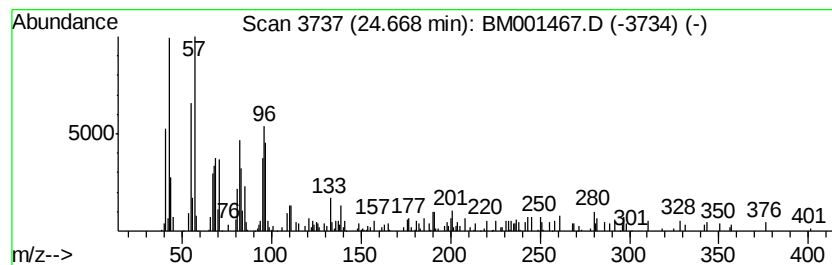
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 28 E-3-Pentadecen-2-ol Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.67	3.16 ng/ul	342395	Perylene-d12	23.12
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	E-3-Pentadecen-2-ol	226 C15H30O	1000130-83-8	86
2	11-Dodecen-1-ol trifluoroacetate	280 C14H23F3O2	128792-46-1	81
3	2-Octadecyl-propane-1,3-diol	328 C21H44O2	005337-61-1	64
4	Oxirane, hexadecyl-	268 C18H36O	007390-81-0	49
5	Z-11(13-Methyl)tetradecen-1-ol a...	268 C17H32O2	1000131-33-3	49



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052915\
Data File : BM001467.D
Acq On : 30 May 2015 05:21
Operator : TP/IZ
Sample : G2411-08
Misc :
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Instrument :
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ClientSampleId :
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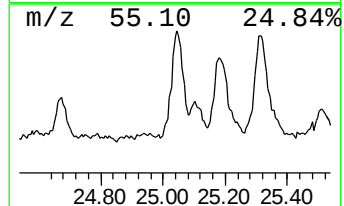
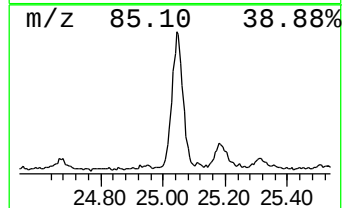
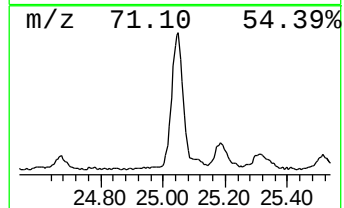
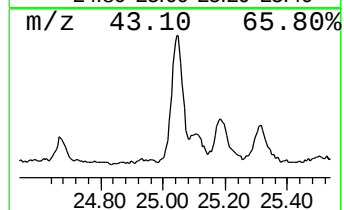
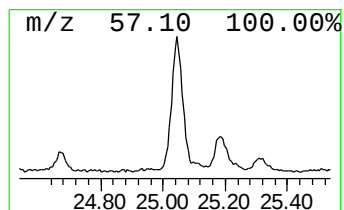
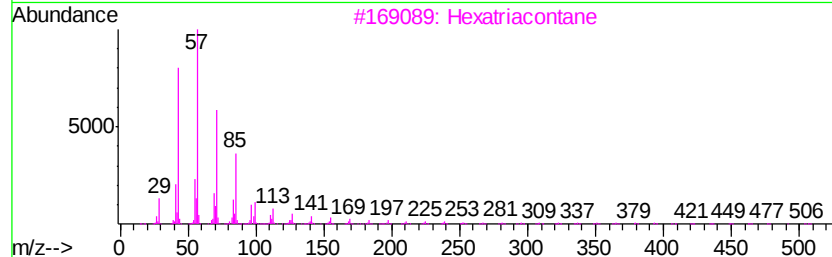
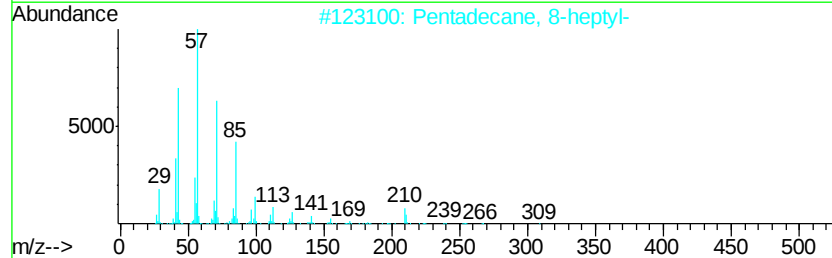
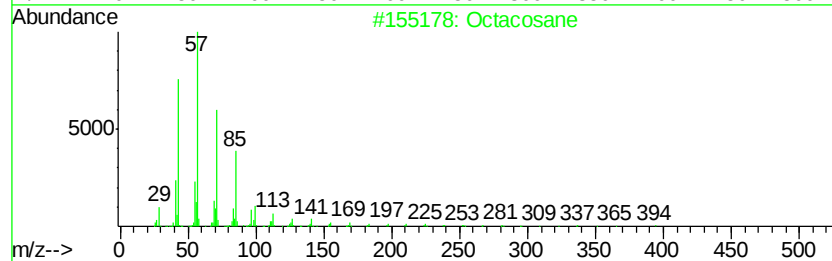
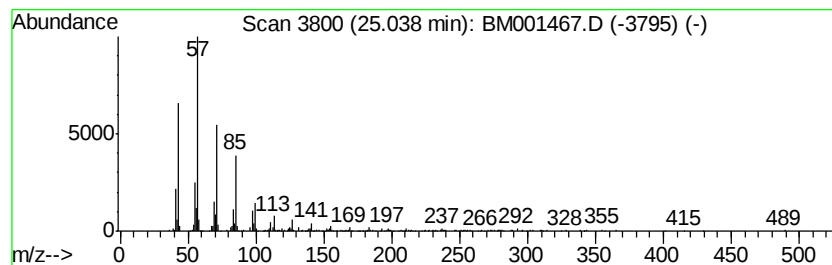
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.04	9.88 ng/ul	1071940	Perylene-d12	23.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	91
2		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
3		Hexatriacontane	507	C36H74	000630-06-8	91
4		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
5		Heneicosane	296	C21H44	000629-94-7	87



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052915\
Data File : BM001467.D
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Sample : G2411-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

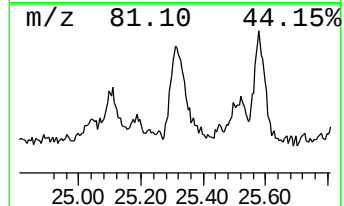
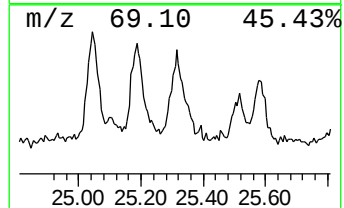
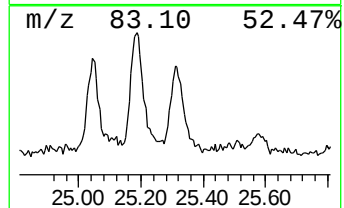
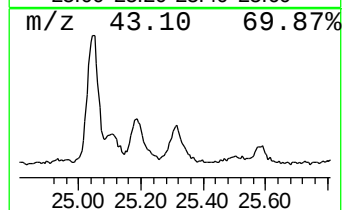
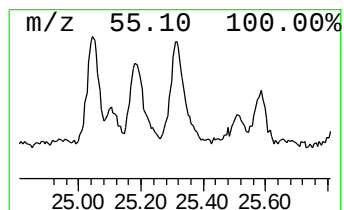
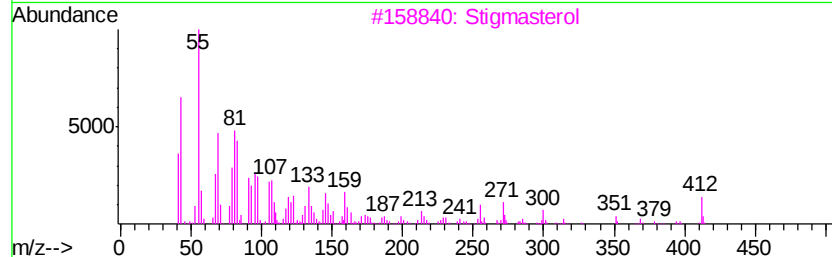
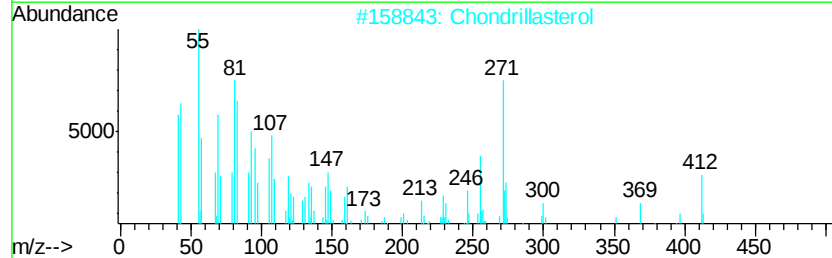
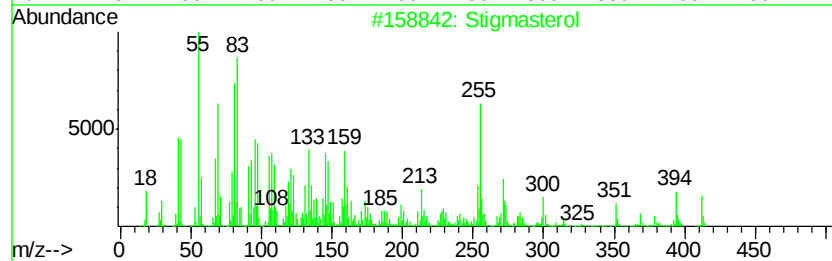
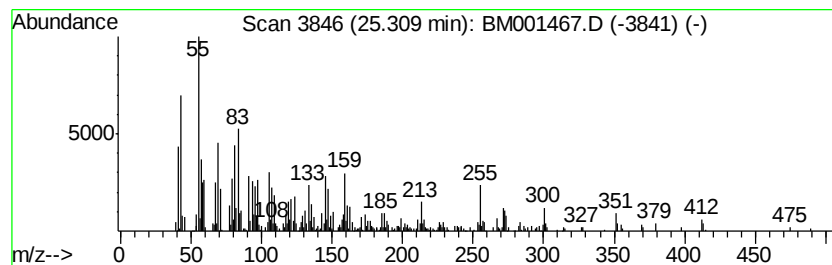
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 30 Stigmasterol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.31	9.60 ng/ul	1041500	Perylene-d12	23.12
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Stigmasterol	412 C29H48O	000083-48-7	64
2	Chondrillasterol	412 C29H48O	000481-17-4	59
3	Stigmasterol	412 C29H48O	000083-48-7	58
4	26,27-Dinorergosta-5,22-dien-3-o...	370 C26H42O	052745-87-6	58
5	Stigmasta-5,22-dien-3-ol, acetat...	454 C31H50O2	004651-48-3	50



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052915\
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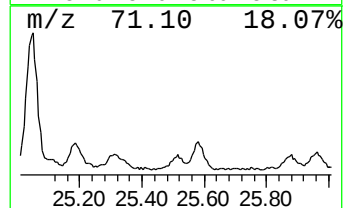
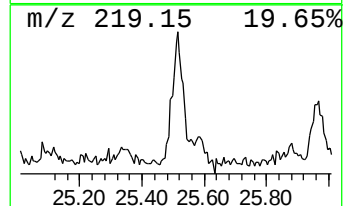
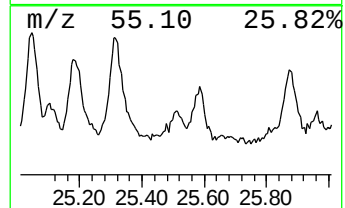
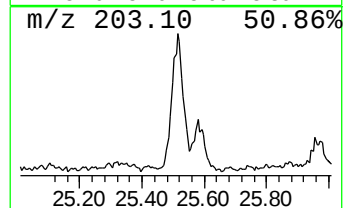
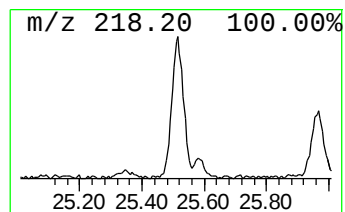
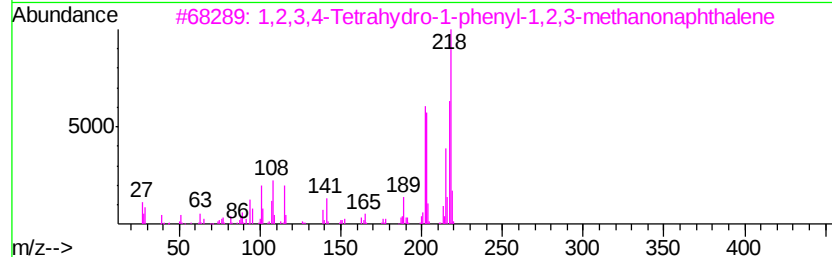
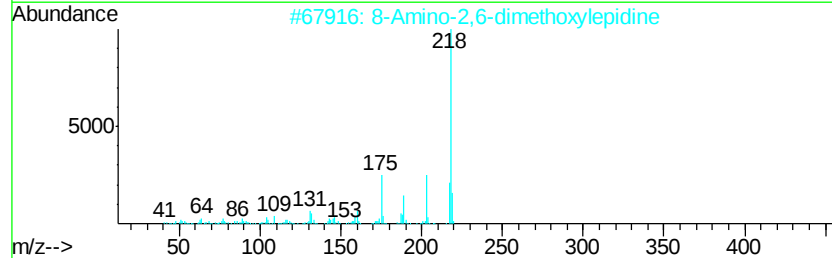
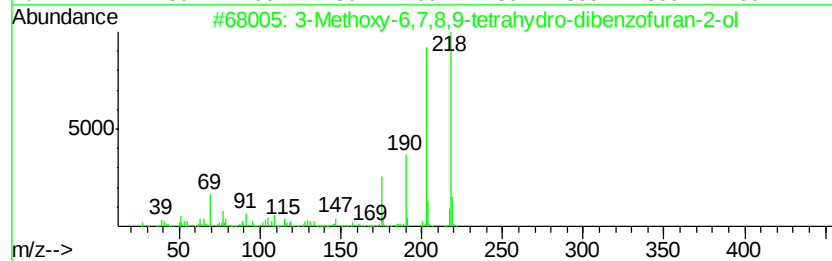
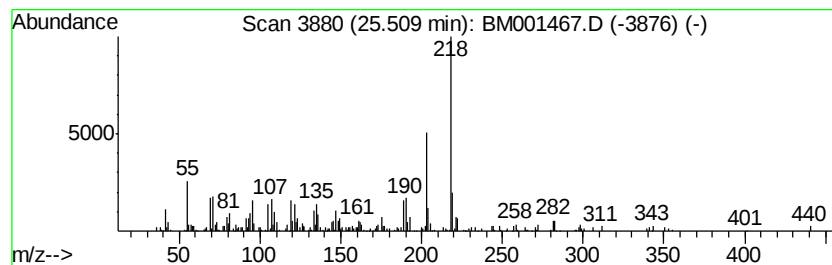
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 31 3-Methoxy-6,7,8,9-tetrahydr... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.51	3.11 ng/ul	337695	Perylene-d12	23.12

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Methoxy-6,7,8,9-tetrahydro-dib...	218	C13H14O3	1000186-57-9	76
2			8-Amino-2,6-dimethoxylepidine	218	C12H14N2O2	074509-65-2	64
3			1,2,3,4-Tetrahydro-1-phenyl-1,2,...	218	C17H14	138089-69-7	59
4			Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	53
5			.beta.-Amyrin trimethylsilyl ether	498	C33H58OSi	001721-67-1	52



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052915\
Data File : BM001467.D
Acq On : 30 May 2015 05:21
Operator : TP/IZ
Sample : G2411-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BCRB9

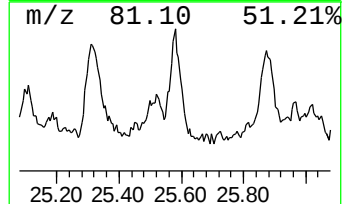
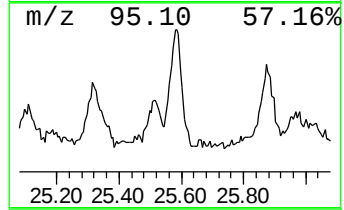
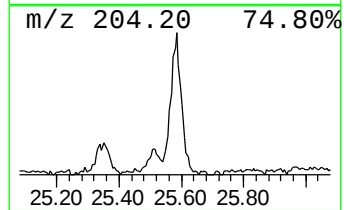
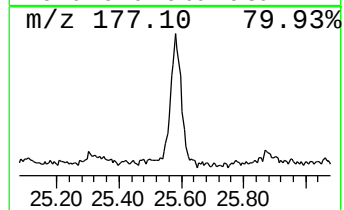
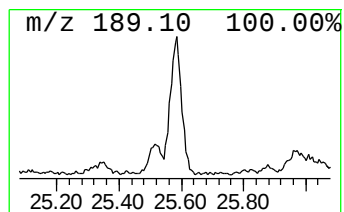
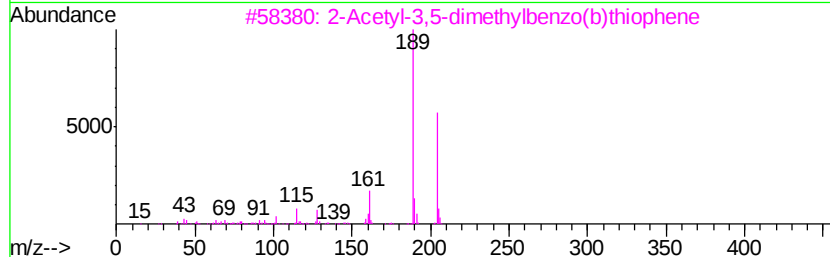
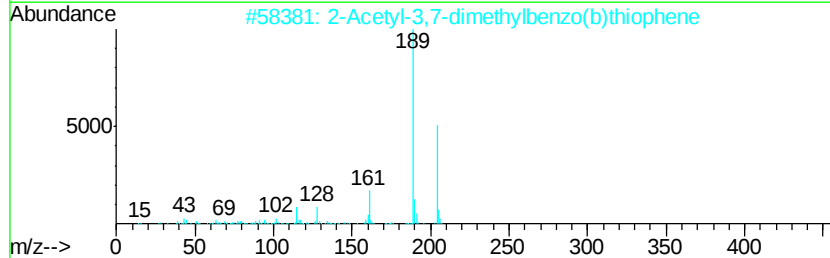
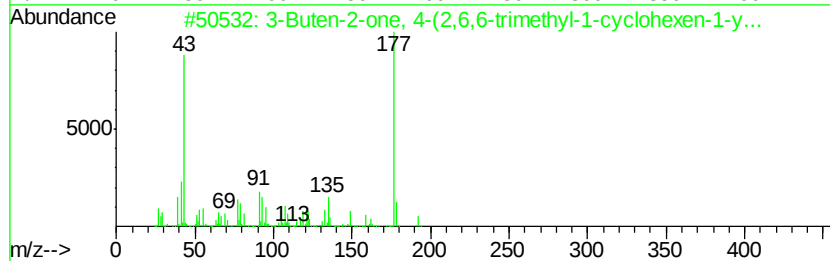
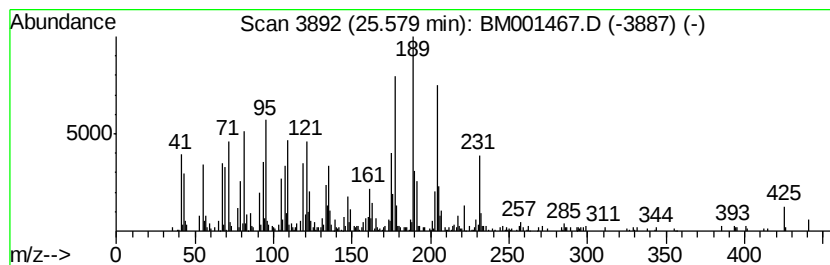
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 32 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.58	9.86 ng/ul	1069700	Perylene-d12	23.12

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Buten-2-one, 4-(2,6,6-trimethy...	192	C13H20O	000079-77-6	25
2			2-Acetyl-3,7-dimethylbenzo(b)thi...	204	C12H12OS	006179-06-2	22
3			2-Acetyl-3,5-dimethylbenzo(b)thi...	204	C12H12OS	006179-05-1	22
4			2,3-Dimethoxy-5-aminocinnamonitrile	204	C11H12N2O2	1000214-46-5	22
5			1H-Cycloprop[e]azulene, 1a,2,3,4...	204	C15H24	000489-40-7	20



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052915\
Data File : BM001467.D
Acq On : 30 May 2015 05:21
Operator : TP/IZ
Sample : G2411-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BCRB9

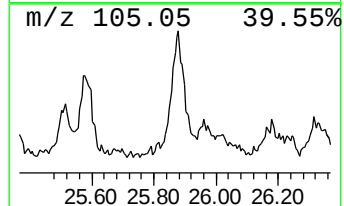
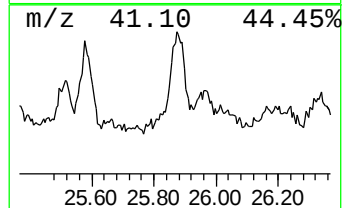
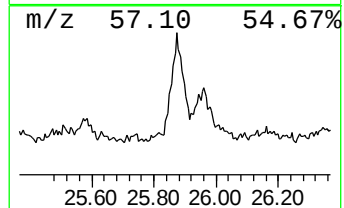
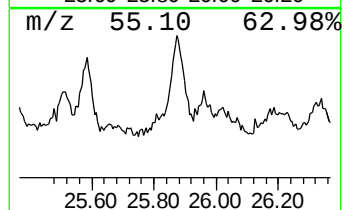
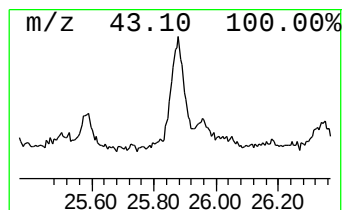
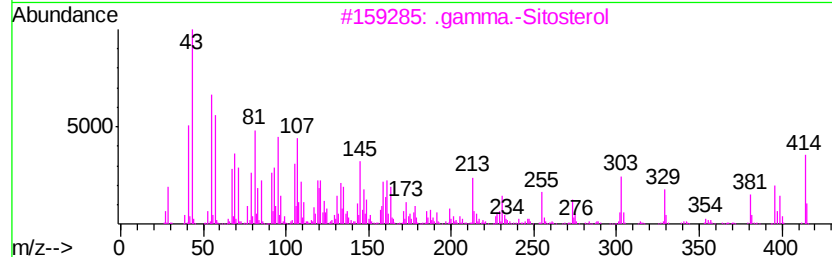
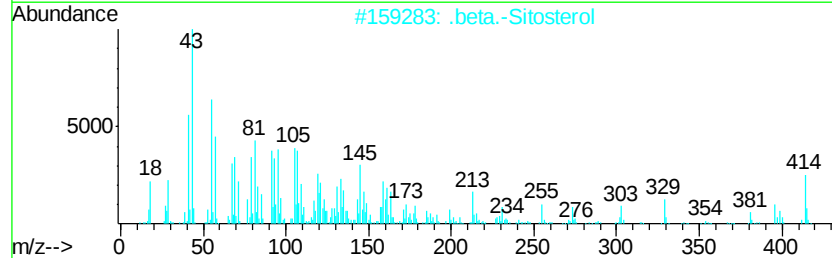
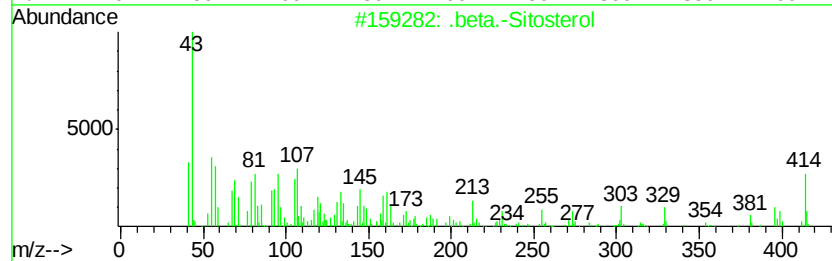
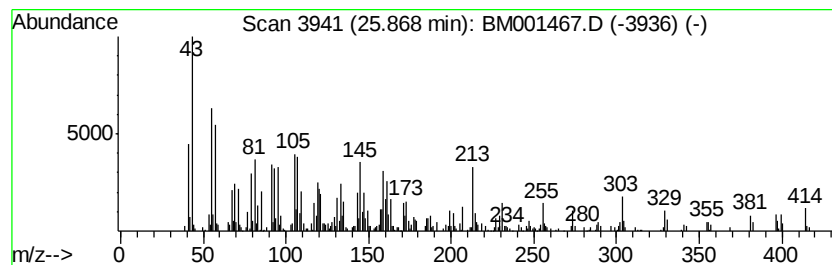
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052915.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 33 .beta.-Sitosterol Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.87	8.06 ng/ul	874437	Perylene-d12	23.12

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			.beta.-Sitosterol	414	C29H50O	000083-46-5	99
2			.beta.-Sitosterol	414	C29H50O	000083-46-5	99
3			.gamma.-Sitosterol	414	C29H50O	000083-47-6	97
4			Stigmasterol, 22,23-dihydro-	414	C29H50O	1000214-20-7	93
5			.beta.-Sitosterol	414	C29H50O	000083-46-5	93



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052915\
 Data File : BM001467.D
 Acq On : 30 May 2015 05:21
 Operator : TP/IZ
 Sample : G2411-08
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BCRB9

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052915.M
 Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.74	6.3	ng/ul	826463	4	16.82	2607120	20.0
1,1'-Biphenyl, 2,...	17.90	3.9	ng/ul	513084	4	16.82	2607120	20.0
1,1'-Biphenyl, 2,...	18.73	2.3	ng/ul	292770	4	16.82	2607120	20.0
1,1'-Biphenyl, 2,...	18.76	6.3	ng/ul	814687	4	16.82	2607120	20.0
1,1'-Biphenyl, 2,...	19.04	9.4	ng/ul	1384220	5	21.03	2950730	20.0
1,1'-Biphenyl, 2,...	19.11	2.8	ng/ul	407968	5	21.03	2950730	20.0
1,1'-Biphenyl, 2,...	19.39	3.0	ng/ul	446767	5	21.03	2950730	20.0
1,1'-Biphenyl, 2'...	19.50	6.8	ng/ul	1007260	5	21.03	2950730	20.0
1,1'-Biphenyl, 2,...	19.62	2.1	ng/ul	304926	5	21.03	2950730	20.0
1,1'-Biphenyl, 2,...	19.76	5.1	ng/ul	753692	5	21.03	2950730	20.0
1,1'-Biphenyl, 3,...	20.04	4.0	ng/ul	590928	5	21.03	2950730	20.0
1,1'-Biphenyl, 2,...	20.09	2.1	ng/ul	307136	5	21.03	2950730	20.0
1,1'-Biphenyl, 2,...	20.12	4.8	ng/ul	701610	5	21.03	2950730	20.0
1,1'-Biphenyl, 2,...	20.36	8.2	ng/ul	1206320	5	21.03	2950730	20.0
Octadecanoic acid	20.61	4.6	ng/ul	681225	5	21.03	2950730	20.0
(DEL) Alkane: Cyc...	20.76	10.8	ng/ul	1589500	5	21.03	2950730	20.0
(DEL) Alkane: Cyc...	20.83	3.0	ng/ul	450198	5	21.03	2950730	20.0
Docosanoic acid	21.49	2.8	ng/ul	409355	5	21.03	2950730	20.0
(DEL) Alkane: Cyc...	21.62	5.9	ng/ul	866323	5	21.03	2950730	20.0
Tetracosanoic acid	21.92	4.8	ng/ul	708826	5	21.03	2950730	20.0
Squalene	22.15	2.0	ng/ul	221569	6	23.12	2169470	20.0
1,19-Eicosadiene	22.24	11.8	ng/ul	1274370	6	23.12	2169470	20.0
Octadecanal	23.30	5.4	ng/ul	586532	6	23.12	2169470	20.0
(DEL) Alkane: Str...	23.60	21.0	ng/ul	2281600	6	23.12	2169470	20.0
(DEL) Alkane: Cyc...	23.67	10.4	ng/ul	1129110	6	23.12	2169470	20.0
E-3-Pentadecen-2-ol	24.67	3.2	ng/ul	342395	6	23.12	2169470	20.0
(DEL) Alkane: Str...	25.04	9.9	ng/ul	1071940	6	23.12	2169470	20.0
Stigmasterol	25.31	9.6	ng/ul	1041500	6	23.12	2169470	20.0
3-Methoxy-6,7,8,9...	25.51	3.1	ng/ul	337695	6	23.12	2169470	20.0
unknown-01	25.58	9.9	ng/ul	1069700	6	23.12	2169470	20.0
.beta.-Sitosterol	25.87	8.1	ng/ul	874437	6	23.12	2169470	20.0