

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052915\
 Data File : BM001455.D
 Acq On : 29 May 2015 22:09
 Operator : TP/IZ
 Sample : G2411-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BCRB6

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	3.798	184	189	201	rBV	231534	343746	3.10%	0.242%
2	4.216	255	260	268	rBV	176815	258430	2.33%	0.182%
3	5.904	543	547	559	rBV	52407	94337	0.85%	0.066%
4	6.581	657	662	676	rVB	288612	483714	4.36%	0.340%
5	6.728	680	687	697	rBV	220250	329828	2.98%	0.232%
6	6.916	714	719	728	rVB	297512	447909	4.04%	0.315%
7	7.381	792	798	806	rVB	515548	788017	7.11%	0.554%
8	8.116	917	923	931	rBV	313433	476067	4.30%	0.335%
9	8.210	933	939	946	rVB	117936	185435	1.67%	0.130%
10	8.539	989	995	1004	rBV	267423	425656	3.84%	0.299%
11	9.263	1111	1118	1124	rBV	231618	374720	3.38%	0.263%
12	9.463	1146	1152	1161	rBV2	31722	73287	0.66%	0.052%
13	9.804	1203	1210	1216	rBV	349790	571014	5.15%	0.401%
14	10.163	1263	1271	1278	rBV	751432	1179862	10.64%	0.829%
15	10.316	1290	1297	1307	rBV	114996	225097	2.03%	0.158%
16	12.404	1645	1652	1657	rBV	50213	77593	0.70%	0.055%
17	12.663	1690	1696	1701	rBV	86652	120776	1.09%	0.085%
18	13.486	1830	1836	1840	rBV	616607	820296	7.40%	0.577%
19	13.533	1840	1844	1853	rVB	315601	436246	3.94%	0.307%
20	13.757	1874	1882	1892	rBV	734225	1122044	10.12%	0.789%
21	14.068	1928	1935	1943	rBV2	1073366	1608162	14.51%	1.131%
22	14.304	1970	1975	1990	rBV	243718	387610	3.50%	0.272%
23	15.068	2099	2105	2111	rBV	995449	1333927	12.03%	0.938%
24	15.204	2122	2128	2134	rBV	220220	297949	2.69%	0.209%
25	16.356	2320	2324	2329	rBV	109531	144263	1.30%	0.101%
26	16.704	2379	2383	2386	rVV	81030	108923	0.98%	0.077%
27	16.739	2386	2389	2394	rVV	180890	239090	2.16%	0.168%
28	16.821	2396	2403	2407	rVV	1355573	1944543	17.54%	1.367%
29	16.856	2407	2409	2414	rVV	248848	318133	2.87%	0.224%
30	16.915	2414	2419	2429	rVV	1016589	1458347	13.16%	1.025%
31	17.003	2429	2434	2442	rVB	659171	873385	7.88%	0.614%
32	17.280	2477	2481	2484	rVV	55802	68837	0.62%	0.048%
33	17.433	2498	2507	2513	rVB	1176391	1720899	15.53%	1.210%
34	17.539	2517	2525	2532	rVB2	312592	463384	4.18%	0.326%

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35	17.615	2532	2538	2543	rBV5	106435	158281	1.43%	0.111%
36	17.674	2543	2548	2553	rBV2	770520	1074071	9.69%	0.755%
37	17.733	2553	2558	2567	rVB2	559652	904166	8.16%	0.636%
38	17.833	2571	2575	2579	rVB2	119061	163420	1.47%	0.115%
39	17.898	2579	2586	2592	rBV	3900885	5027371	45.36%	3.534%
40	17.956	2592	2596	2600	rVV	1461788	1858255	16.77%	1.306%
41	17.998	2600	2603	2608	rVB	694491	837877	7.56%	0.589%
42	18.186	2628	2635	2639	rBV	2220186	3102855	27.99%	2.181%
43	18.233	2639	2643	2648	rVV	545161	768644	6.93%	0.540%
44	18.286	2648	2652	2655	rVV2	224662	318476	2.87%	0.224%
45	18.327	2655	2659	2661	rVV	512550	672607	6.07%	0.473%
46	18.362	2661	2665	2671	rVB	1326568	1672335	15.09%	1.176%
47	18.427	2671	2676	2678	rBV3	53403	78869	0.71%	0.055%
48	18.462	2678	2682	2687	rVB	341734	402652	3.63%	0.283%
49	18.539	2691	2695	2699	rVB2	105214	129264	1.17%	0.091%
50	18.621	2703	2709	2714	rVB4	126727	206403	1.86%	0.145%
51	18.680	2714	2719	2723	rBV	1227798	1605568	14.49%	1.129%
52	18.733	2723	2728	2729	rVV	1694516	2120643	19.13%	1.491%
53	18.762	2729	2733	2742	rVB2	5850280	9270206	83.64%	6.517%
54	18.845	2742	2747	2751	rBV	728139	911609	8.22%	0.641%
55	18.886	2751	2754	2760	rVB	433137	598527	5.40%	0.421%
56	18.974	2763	2769	2776	rBV3	1613903	3463938	31.25%	2.435%
57	19.050	2776	2782	2788	rVV	7746047	11084022	100.00%	7.792%
58	19.109	2788	2792	2799	rVB	2631169	3109311	28.05%	2.186%
59	19.180	2801	2804	2807	rBV2	97297	100889	0.91%	0.071%
60	19.227	2807	2812	2821	rBV2	1351846	2475620	22.34%	1.740%
61	19.309	2821	2826	2831	rBV	2159628	2647753	23.89%	1.861%
62	19.392	2831	2840	2844	rBV	3549545	4527772	40.85%	3.183%
63	19.439	2844	2848	2851	rVV	1059956	1263017	11.39%	0.888%
64	19.497	2851	2858	2863	rVV	7926416	10110788	91.22%	7.108%
65	19.545	2863	2866	2869	rVB	245283	280298	2.53%	0.197%
66	19.639	2874	2882	2884	rBV2	870149	1725423	15.57%	1.213%
67	19.662	2884	2886	2892	rVV	522830	826441	7.46%	0.581%
68	19.715	2892	2895	2898	rVV2	371709	433233	3.91%	0.305%
69	19.762	2898	2903	2907	rVV2	3521466	4579040	41.31%	3.219%
70	19.815	2907	2912	2917	rVB	6746493	7691022	69.39%	5.407%
71	19.892	2917	2925	2928	rBV2	405190	541382	4.88%	0.381%

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72	19.962	2930	2937	2942	rVB2	675674	1152381	10.40%	0.810%
73	20.044	2946	2951	2955	rBV	3957851	4430987	39.98%	3.115%
74	20.092	2955	2959	2962	rBV	1970929	2670914	24.10%	1.878%
75	20.121	2962	2964	2971	rVB	2876077	2896870	26.14%	2.037%
76	20.197	2971	2977	2982	rBV	954315	1262320	11.39%	0.887%
77	20.262	2984	2988	2990	rBV3	386307	443636	4.00%	0.312%
78	20.292	2990	2993	2996	rVB2	428178	495133	4.47%	0.348%
79	20.362	2996	3005	3012	rBV	4949944	7868484	70.99%	5.532%
80	20.444	3015	3019	3023	rBV2	345040	403132	3.64%	0.283%
81	20.509	3026	3030	3036	rVB3	334606	462185	4.17%	0.325%
82	20.568	3036	3040	3044	rBV2	189051	254578	2.30%	0.179%
83	20.662	3051	3056	3061	rBV	1607206	1912387	17.25%	1.344%
84	20.715	3061	3065	3067	rBV2	54375	81941	0.74%	0.058%
85	20.756	3067	3072	3074	rBV2	543406	772304	6.97%	0.543%
86	20.827	3081	3084	3089	rVB2	229685	293681	2.65%	0.206%
87	20.886	3090	3094	3096	rBV3	143583	190911	1.72%	0.134%
88	20.915	3096	3099	3103	rVV	753481	865826	7.81%	0.609%
89	20.962	3103	3107	3110	rVV2	264060	354910	3.20%	0.250%
90	21.027	3112	3118	3121	rVV2	1549800	2284537	20.61%	1.606%
91	21.062	3121	3124	3131	rVB	946296	1123676	10.14%	0.790%
92	21.368	3172	3176	3181	rVB	475214	585149	5.28%	0.411%
93	21.621	3214	3219	3223	rBV2	164776	341251	3.08%	0.240%
94	22.033	3286	3289	3293	rVB	155617	176515	1.59%	0.124%
95	22.497	3364	3368	3372	rBV2	363249	634928	5.73%	0.446%
96	22.538	3372	3375	3384	rVB3	349696	547019	4.94%	0.385%
97	22.938	3439	3443	3446	rBV2	125095	194236	1.75%	0.137%
98	22.980	3446	3450	3455	rBV2	618281	1045638	9.43%	0.735%
99	23.115	3467	3473	3478	rBV	939671	1532639	13.83%	1.077%
100	23.591	3550	3554	3561	rVB2	214895	422327	3.81%	0.297%

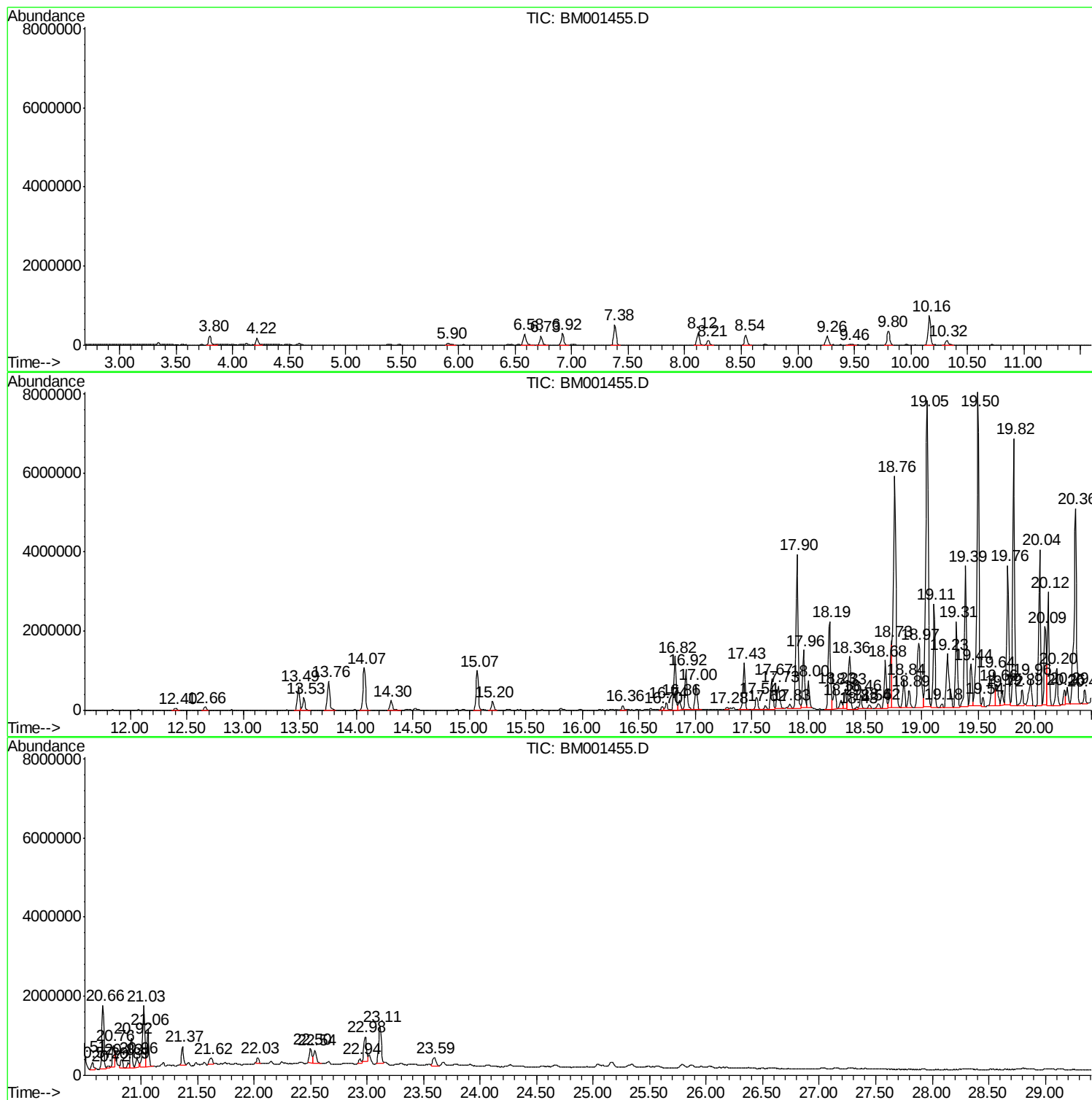
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Instrument :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052915.M
Quant Title : SVOA CALIBRATION

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



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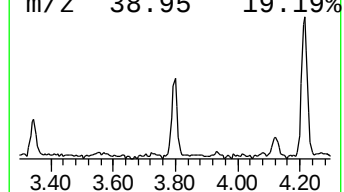
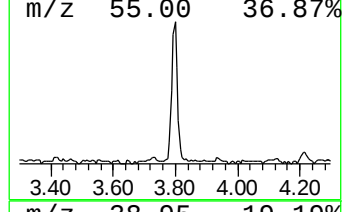
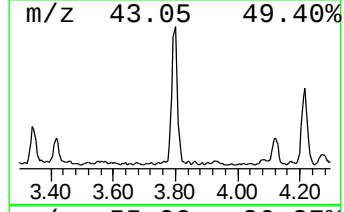
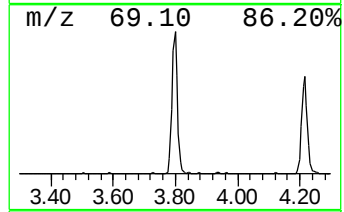
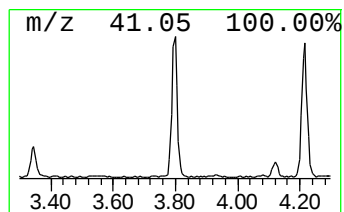
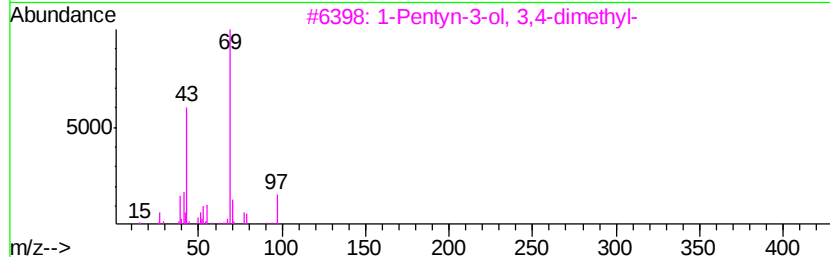
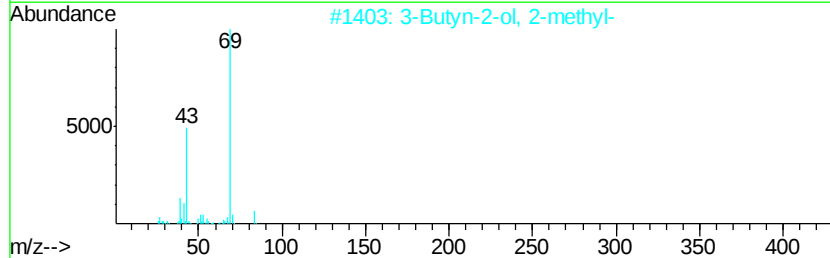
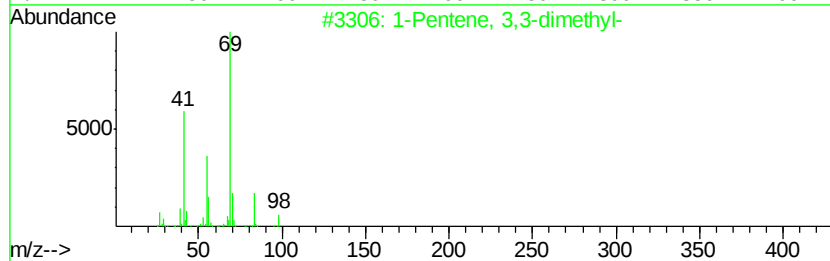
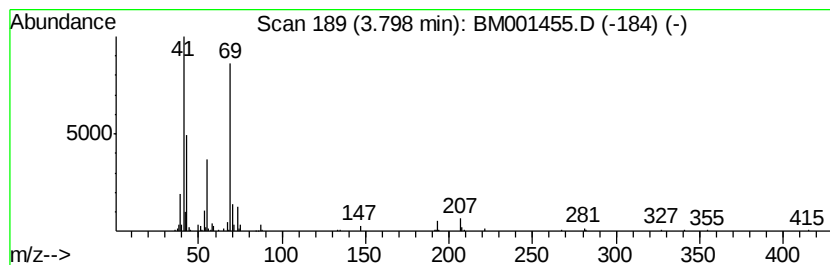
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052915.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 1-Pentene, 3,3-dimethyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.80	8.72 ng/ul	343746	1,4-Dichlorobenzene-d4	7.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Pentene, 3,3-dimethyl-	98	C7H14	003404-73-7	59
2		3-Butyn-2-ol, 2-methyl-	84	C5H8O	000115-19-5	53
3		1-Pentyn-3-ol, 3,4-dimethyl-	112	C7H12O	001482-15-1	45
4		2-Butene, 1-bromo-3-methyl-	148	C5H9Br	000870-63-3	42
5		4-Trifluoroacetoxyoctane	226	C10H17F3O2	116465-17-9	42



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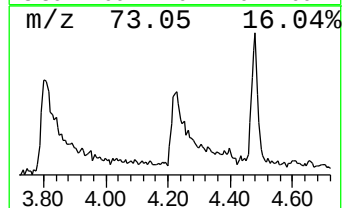
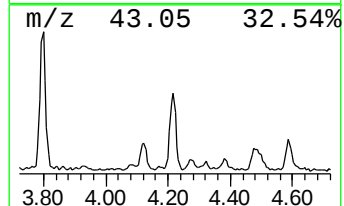
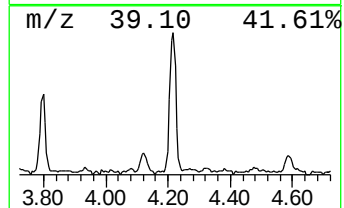
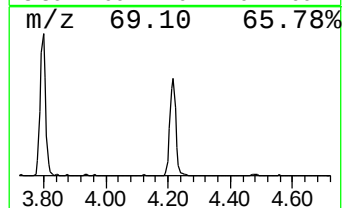
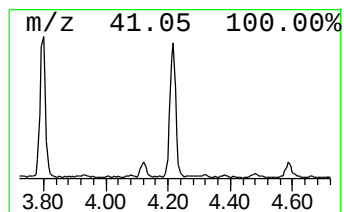
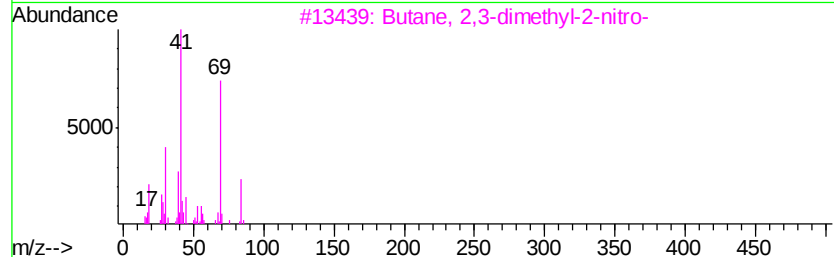
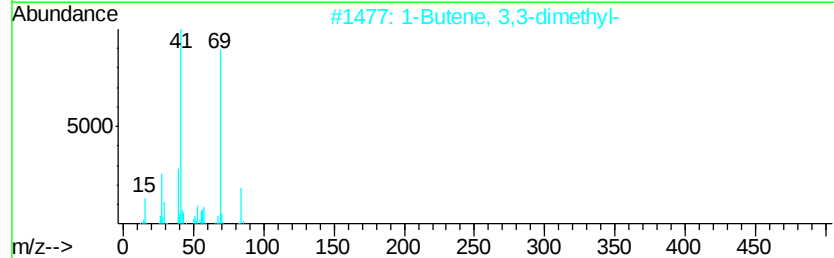
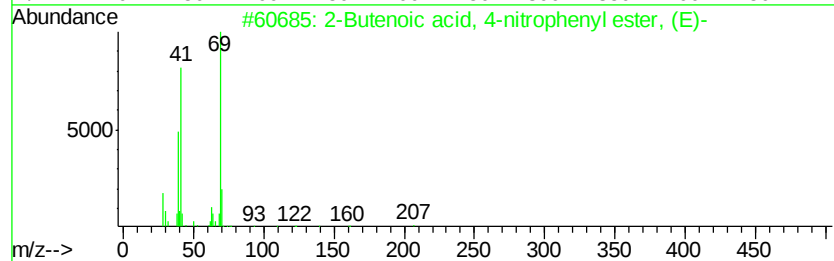
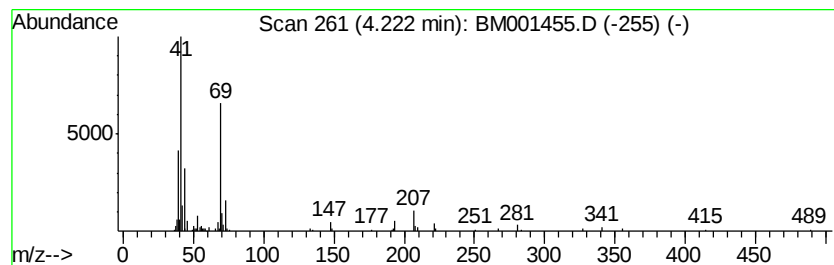
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown-01 Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.22	6.56 ng/ul	258430	1,4-Dichlorobenzene-d4	7.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Butenoic acid, 4-nitrophenyl e...	207	C10H9NO4	014617-88-0	40
2		1-Butene, 3,3-dimethyl-	84	C6H12	000558-37-2	28
3		Butane, 2,3-dimethyl-2-nitro-	131	C6H13NO2	034075-28-0	28
4		1-Pentene, 2,3-dimethyl-	98	C7H14	003404-72-6	28
5		Cyclopentanemethanol	100	C6H12O	003637-61-4	28



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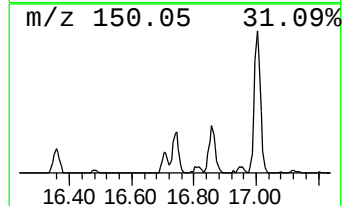
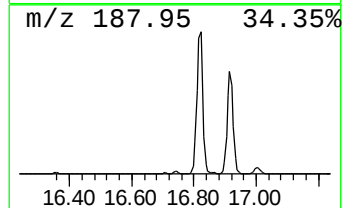
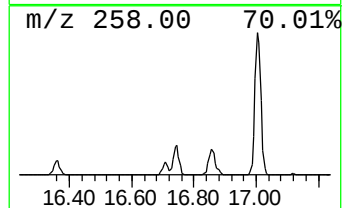
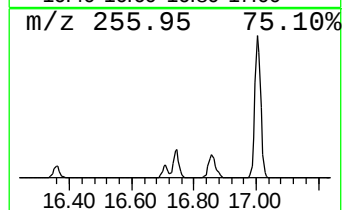
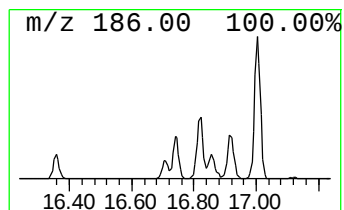
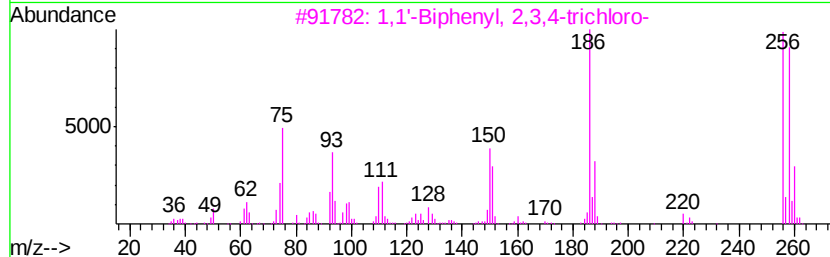
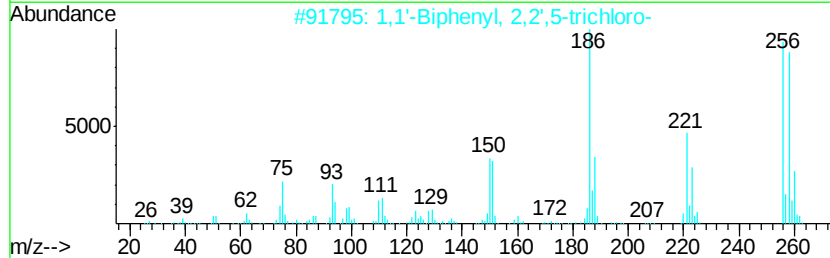
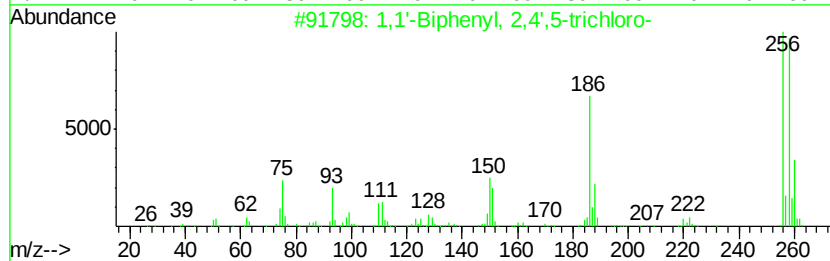
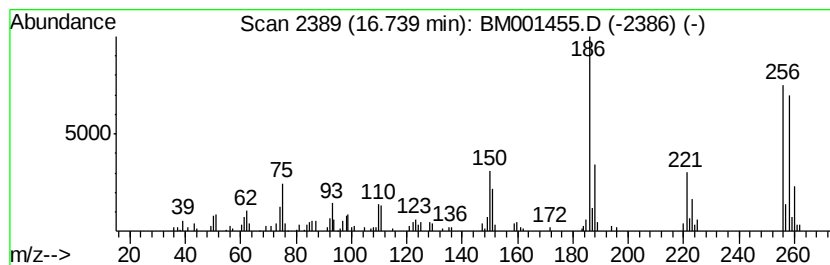
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 1,1'-Biphenyl, 2,4',5-trich... Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.		
16.74	2.46 ng/ul	239090	Phenanthrene-d10	16.82		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl,	2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	99
2	1,1'-Biphenyl,	2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	99
3	1,1'-Biphenyl,	2,3,4-trichloro-	256	C12H7Cl3	055702-46-0	98
4	1,1'-Biphenyl,	2,3,6-trichloro-	256	C12H7Cl3	055702-45-9	98
5	1,1'-Biphenyl,	2',3,4-trichloro-	256	C12H7Cl3	038444-86-9	98



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052915\
Data File : BM001455.D
Acq On : 29 May 2015 22:09
Operator : TP/IZ
Sample : G2411-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
BCRB6

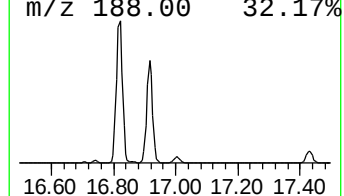
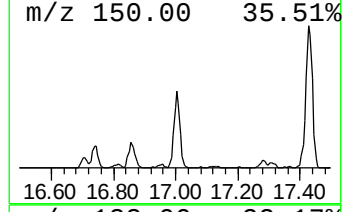
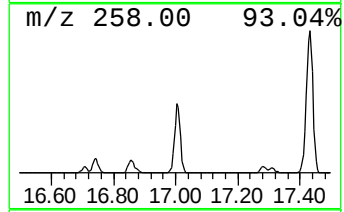
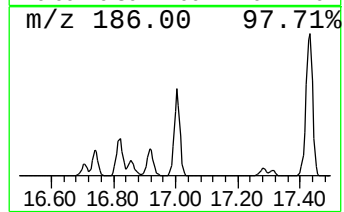
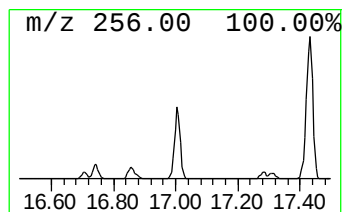
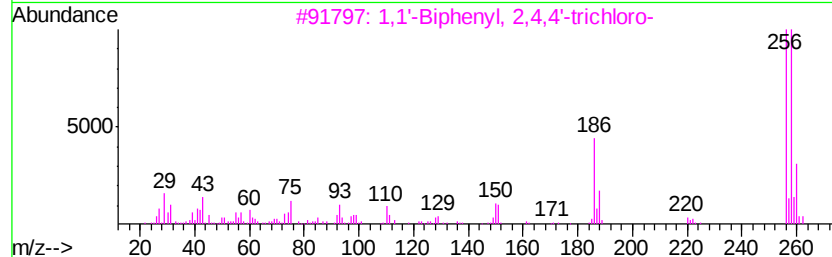
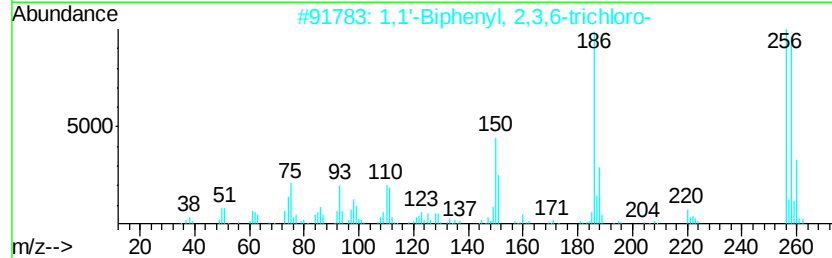
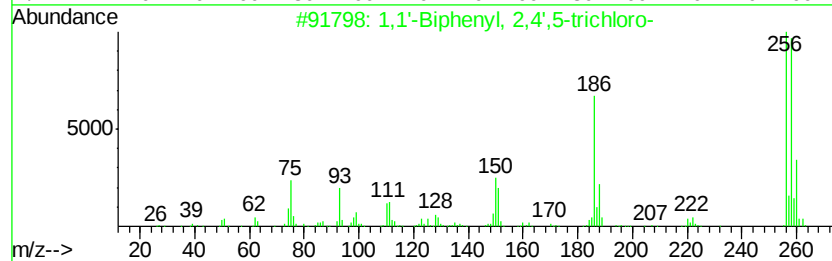
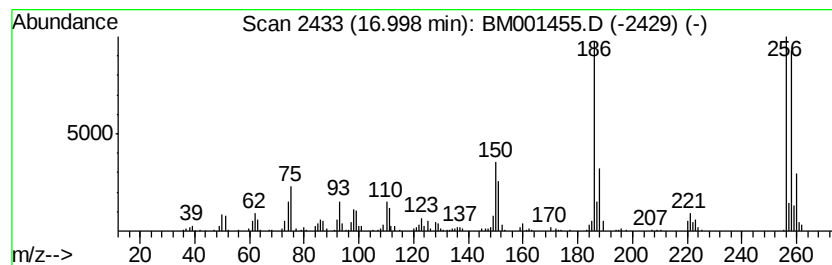
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 1,1'-Biphenyl, 2,3,6-trichl... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.00	8.98 ng/ul	873385	Phenanthrene-d10	16.82

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,1'-Biphenyl, 2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	99
2			1,1'-Biphenyl, 2,3,6-trichloro-	256	C12H7Cl3	055702-45-9	98
3			1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	98
4			1,1'-Biphenyl, 2',3,4-trichloro-	256	C12H7Cl3	038444-86-9	98
5			1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	98



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052915\
Data File : BM001455.D
Acq On : 29 May 2015 22:09
Operator : TP/IZ
Sample : G2411-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BCRB6

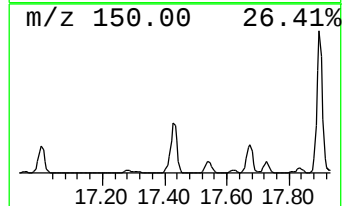
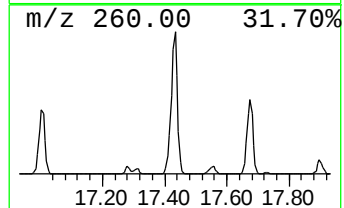
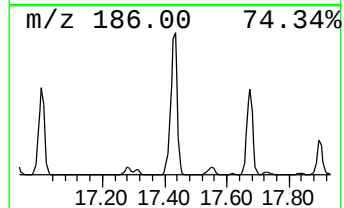
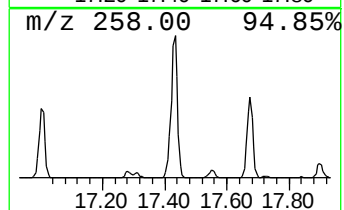
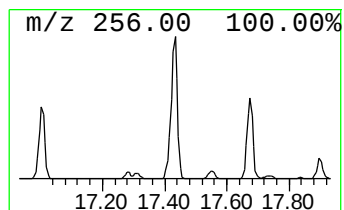
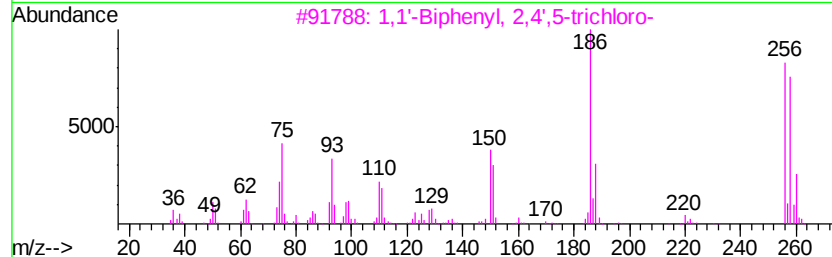
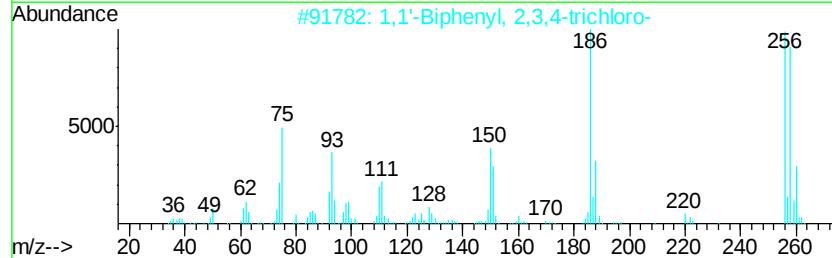
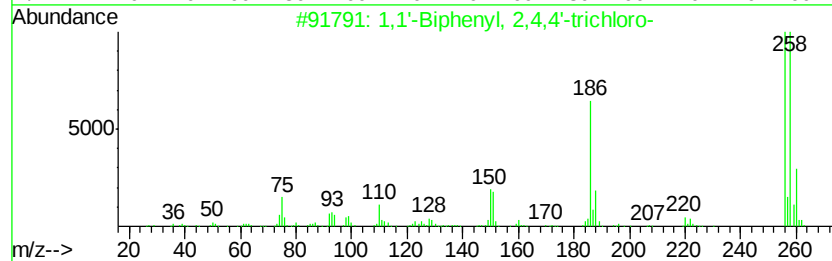
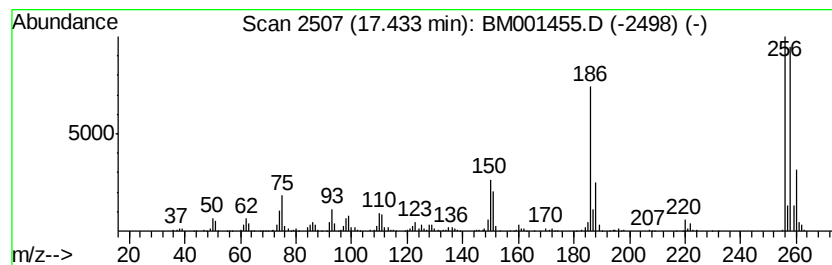
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 1,1'-Biphenyl, 2,4,4'-trich... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.43	17.70 ng/ul	1720900	Phenanthrene-d10	16.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	99
2		1,1'-Biphenyl, 2,3,4-trichloro-	256	C12H7Cl3	055702-46-0	99
3		1,1'-Biphenyl, 2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	99
4		1,1'-Biphenyl, 2,3,4'-Trichloro-	256	C12H7Cl3	038444-85-8	98
5		1,1'-Biphenyl, 2,4,5-trichloro-	256	C12H7Cl3	015862-07-4	98



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052915\
Data File : BM001455.D
Acq On : 29 May 2015 22:09
Operator : TP/IZ
Sample : G2411-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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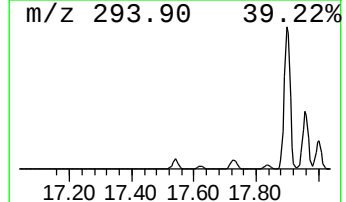
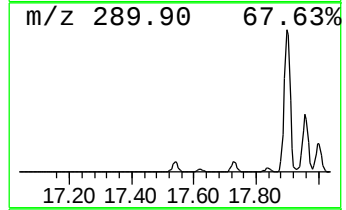
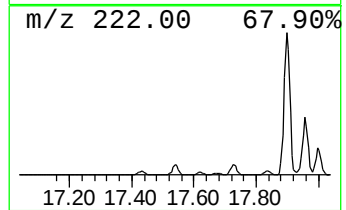
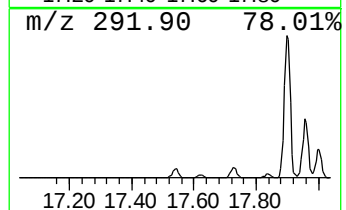
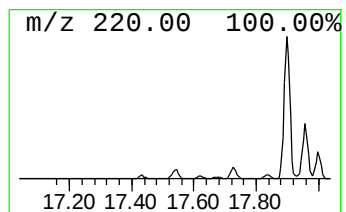
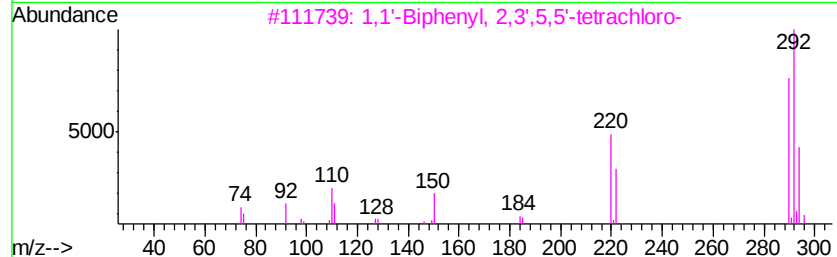
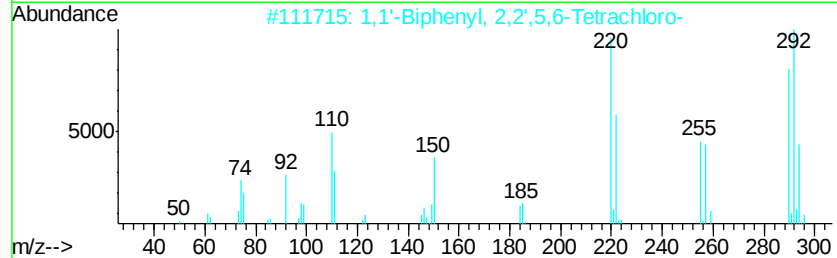
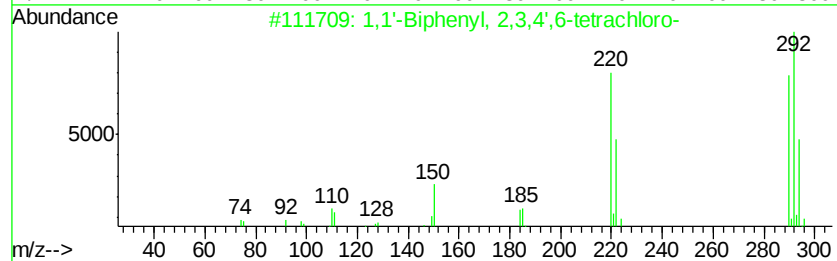
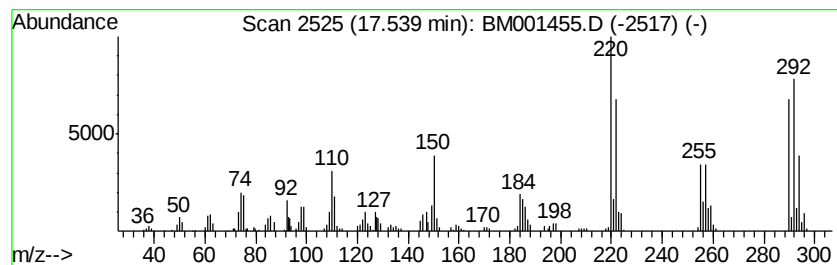
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 1,1'-Biphenyl, 2,3,4',6-tet... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.54	4.77 ng/ul	463384	Phenanthrene-d10	16.82

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,1'-Biphenyl, 2,3,4',6-tetrachl...	290	C12H6Cl4	052663-58-8	99
2			1,1'-Biphenyl, 2,2',5,6-Tetrachl...	290	C12H6Cl4	041464-41-9	99
3			1,1'-Biphenyl, 2,3',5,5'-tetrach...	290	C12H6Cl4	041464-42-0	99
4			1,1'-Biphenyl, 2,2',3,4-tetrachl...	290	C12H6Cl4	052663-59-9	99
5			1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052915\
Data File : BM001455.D
Acq On : 29 May 2015 22:09
Operator : TP/IZ
Sample : G2411-03
Misc :
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Instrument :
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ClientSampleId :
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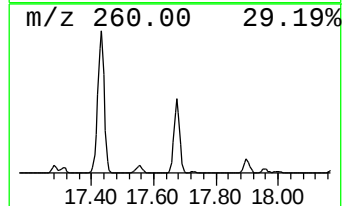
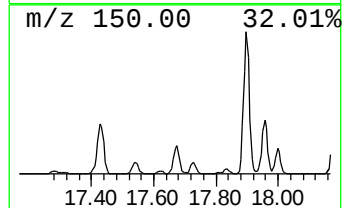
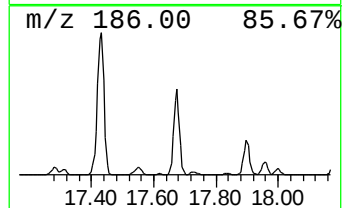
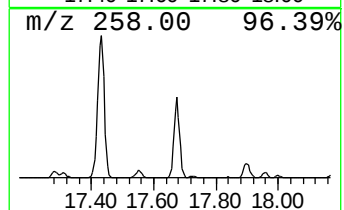
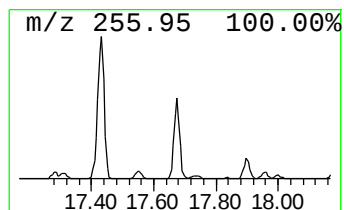
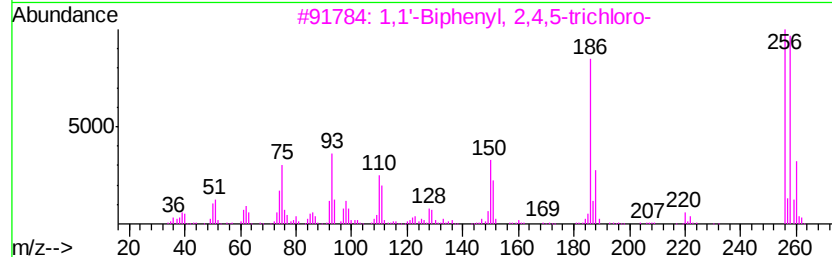
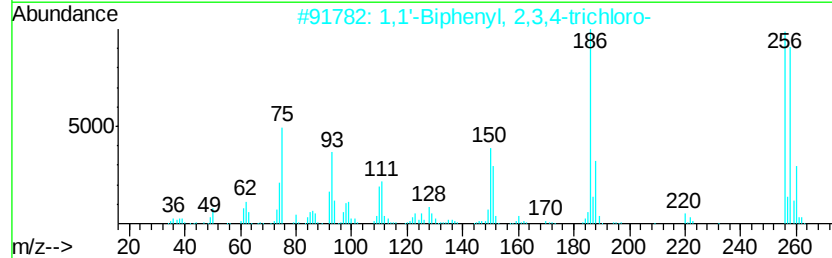
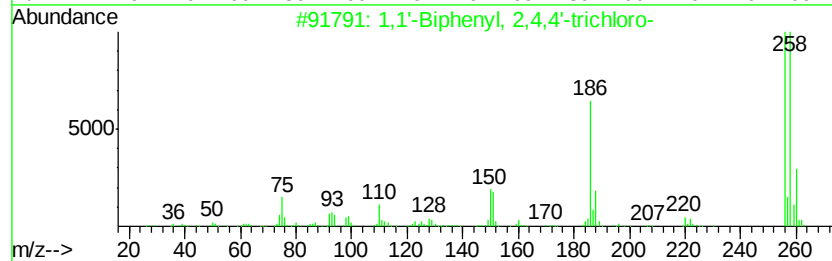
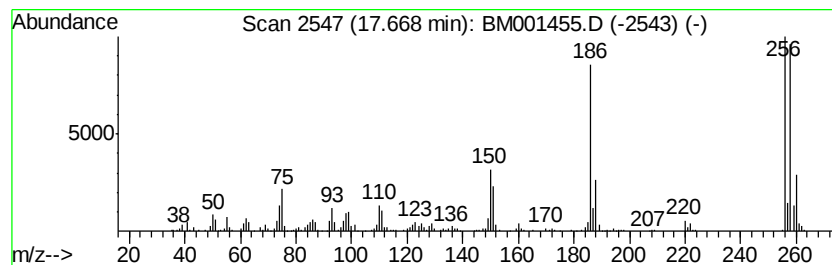
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 1,1'-Biphenyl, 2,3,4'-Trich... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.67	11.05 ng/ul	1074070	Phenanthrene-d10	16.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	99
2		1,1'-Biphenyl, 2,3,4-trichloro-	256	C12H7Cl3	055702-46-0	99
3		1,1'-Biphenyl, 2,4,5-trichloro-	256	C12H7Cl3	015862-07-4	99
4		1,1'-Biphenyl, 2,3,4'-Trichloro-	256	C12H7Cl3	038444-85-8	98
5		1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	98



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052915\
Data File : BM001455.D
Acq On : 29 May 2015 22:09
Operator : TP/IZ
Sample : G2411-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampled :
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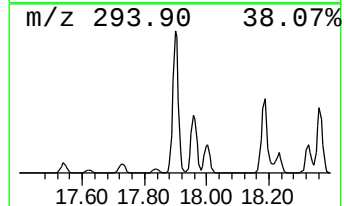
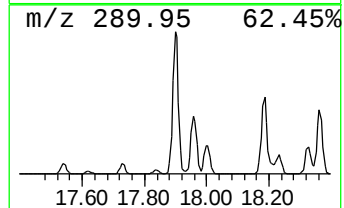
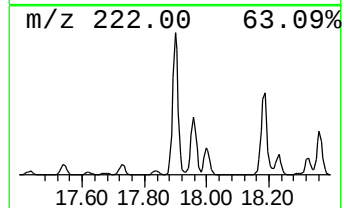
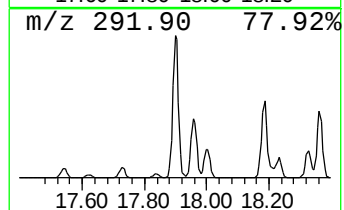
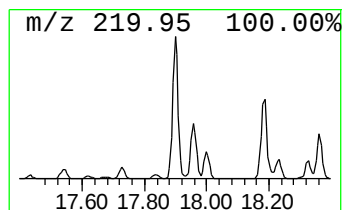
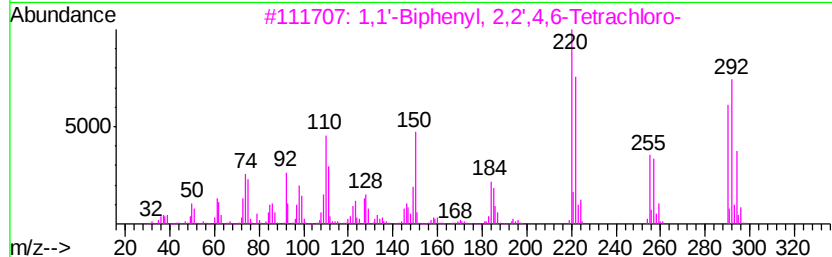
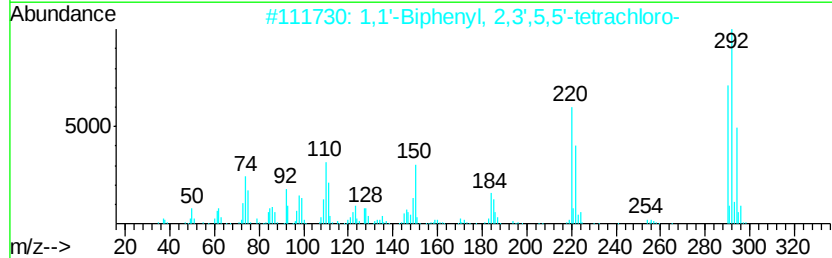
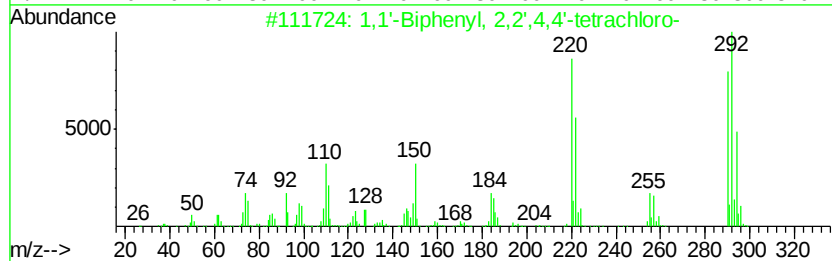
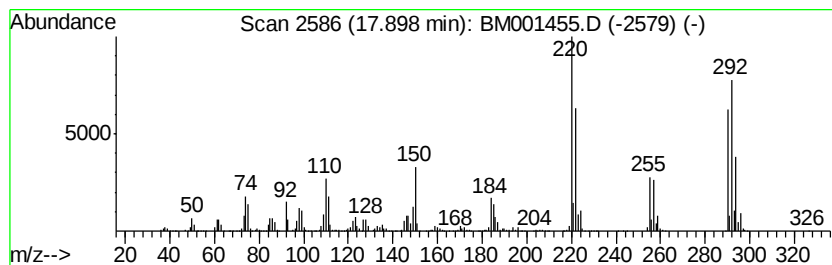
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 1,1'-Biphenyl, 2,2',4,4'-te... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.90	51.71 ng/ul	5027370	Phenanthrene-d10	16.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
2		1,1'-Biphenyl, 2,3',5,5'-tetrach...	290	C12H6Cl4	041464-42-0	99
3		1,1'-Biphenyl, 2,2',4,6-Tetrachl...	290	C12H6Cl4	062796-65-0	99
4		1,1'-Biphenyl, 2,2',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	99
5		1,1'-Biphenyl, 2,2',5,6-Tetrachl...	290	C12H6Cl4	041464-41-9	99



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052915\
Data File : BM001455.D
Acq On : 29 May 2015 22:09
Operator : TP/IZ
Sample : G2411-03
Misc :
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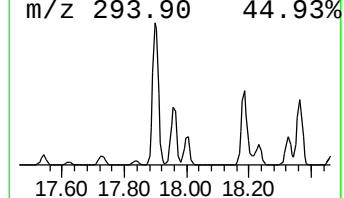
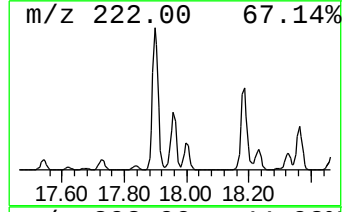
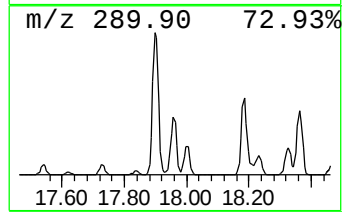
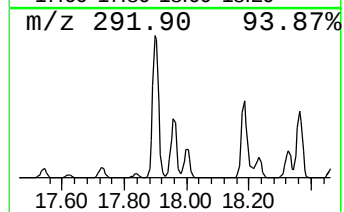
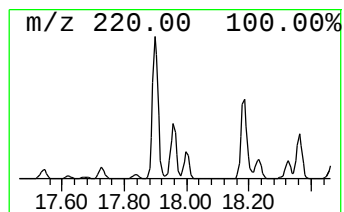
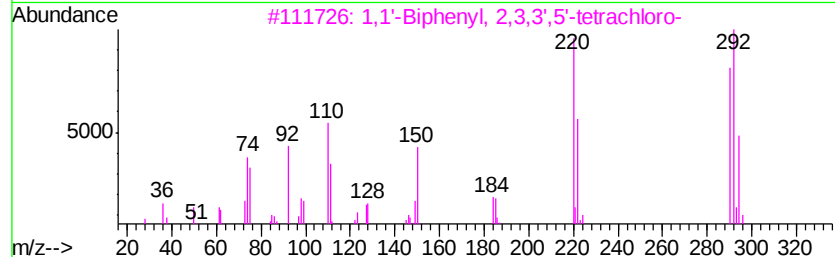
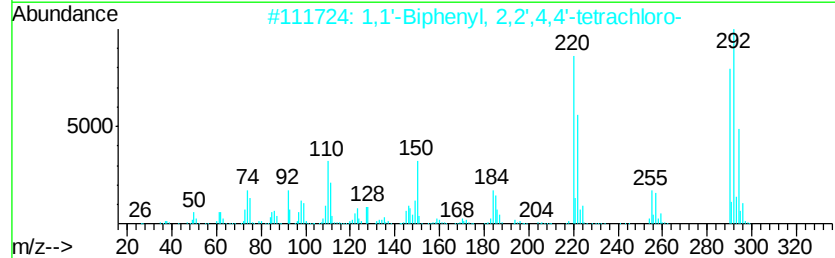
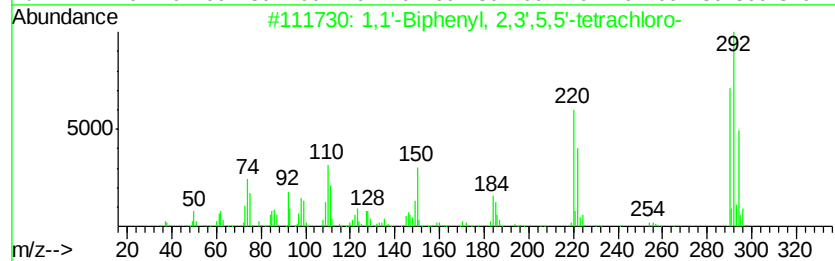
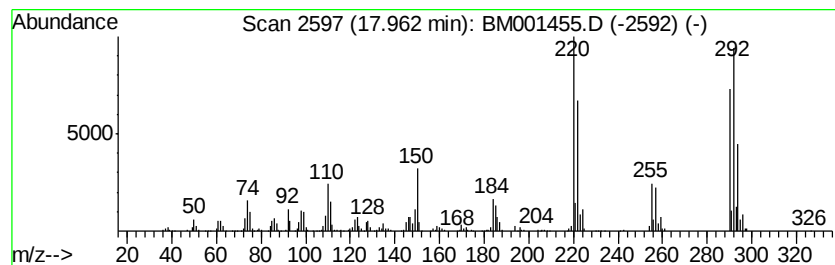
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.96	19.11 ng/ul	1858260	Phenanthrene-d10	16.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,3',5,5'-tetrach...	290	C12H6Cl4	041464-42-0	99
2		1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
3		1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	99
4		1,1'-Biphenyl, 2,2',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	99
5		1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052915\
Data File : BM001455.D
Acq On : 29 May 2015 22:09
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Misc :
ALS Vial : 14 Sample Multiplier: 1

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ClientSampleId :
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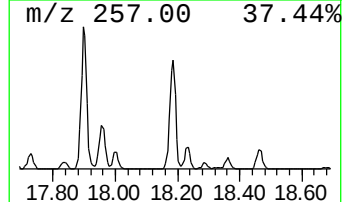
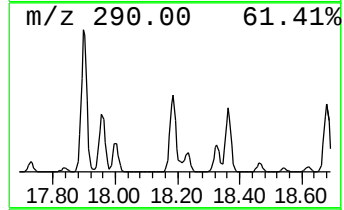
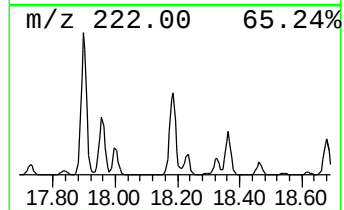
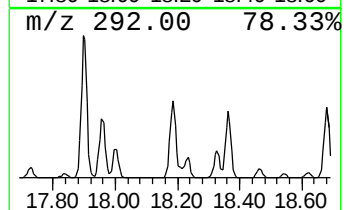
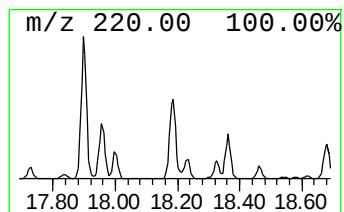
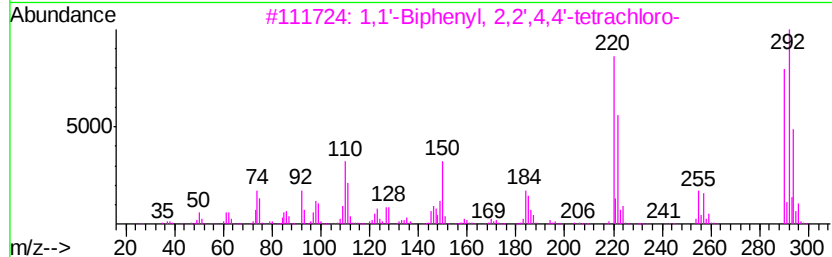
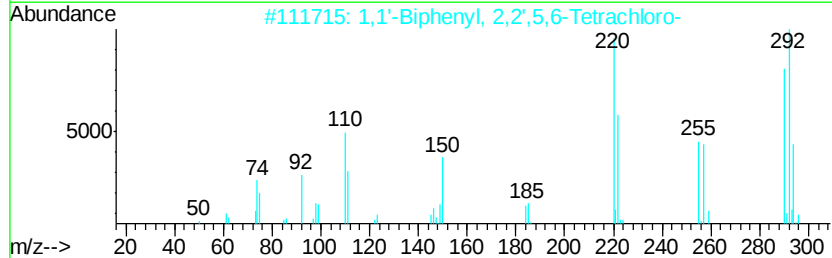
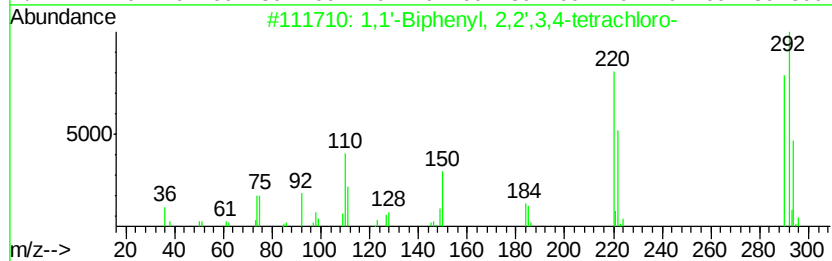
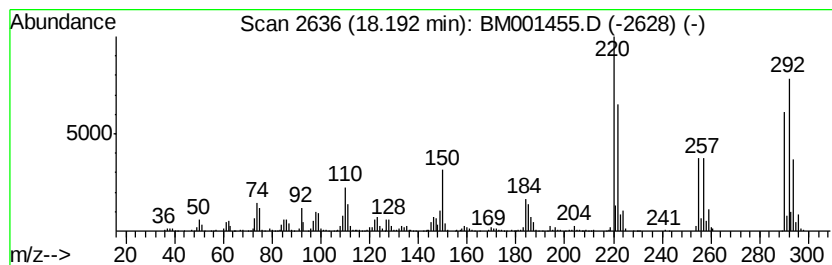
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 1,1'-Biphenyl, 2,2',5,6-Tet... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.19	31.91 ng/ul	3102860	Phenanthrene-d10	16.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,2',3,4-tetrachl...	290	C12H6Cl4	052663-59-9	99
2		1,1'-Biphenyl, 2,2',5,6-Tetrachl...	290	C12H6Cl4	041464-41-9	99
3		1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
4		1,1'-Biphenyl, 2,3',4',5-tetrach...	290	C12H6Cl4	032598-11-1	99
5		1,1'-Biphenyl, 2,3',5,5'-tetrach...	290	C12H6Cl4	041464-42-0	99



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052915\
Data File : BM001455.D
Acq On : 29 May 2015 22:09
Operator : TP/IZ
Sample : G2411-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BCRB6

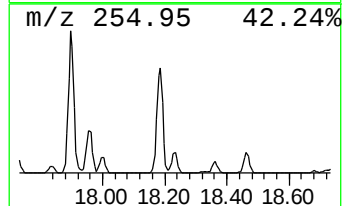
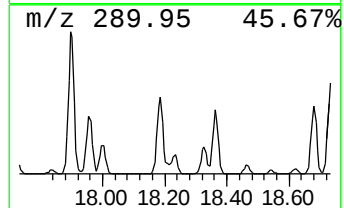
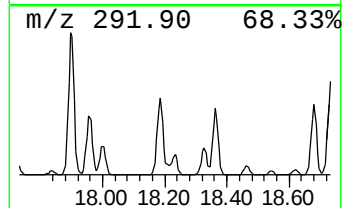
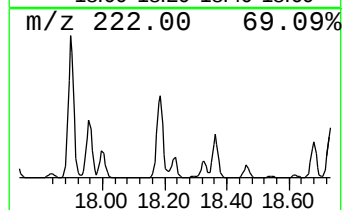
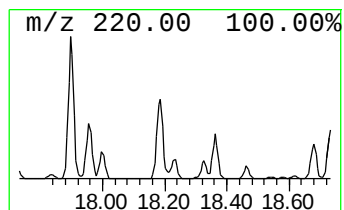
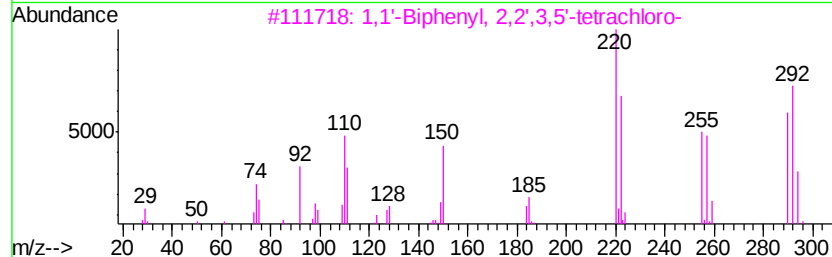
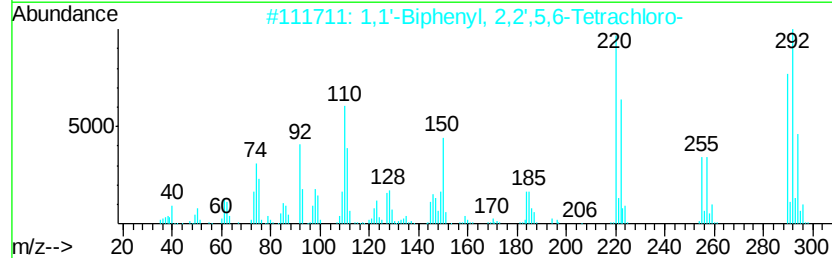
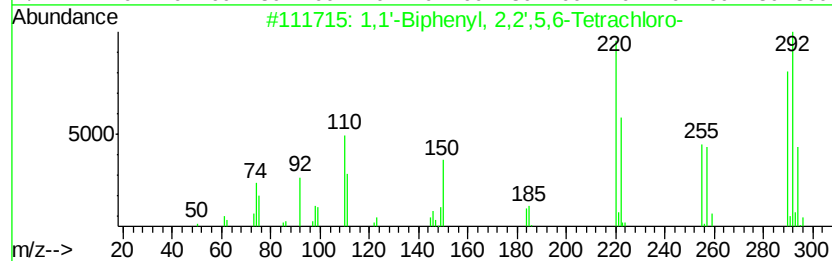
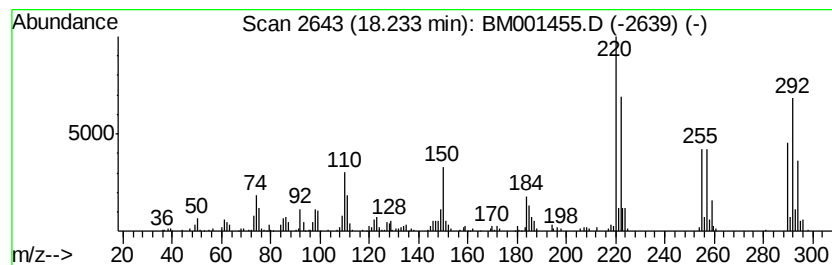
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 1,1'-Biphenyl, 2,2',4,6-Tet... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.23	7.91 ng/ul	768644	Phenanthrene-d10	16.82

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',5,6-Tetrachl...	290	C12H6Cl4	041464-41-9	99		
2	1,1'-Biphenyl, 2,2',5,6-Tetrachl...	290	C12H6Cl4	041464-41-9	99		
3	1,1'-Biphenyl, 2,2',3,5'-tetrach...	290	C12H6Cl4	041464-39-5	99		
4	1,1'-Biphenyl, 2,2',4,6-Tetrachl...	290	C12H6Cl4	062796-65-0	99		
5	1,1'-Biphenyl, 2,2',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	98		



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052915\
Data File : BM001455.D
Acq On : 29 May 2015 22:09
Operator : TP/IZ
Sample : G2411-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
BCRB6

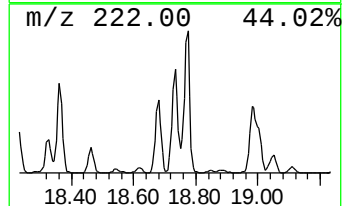
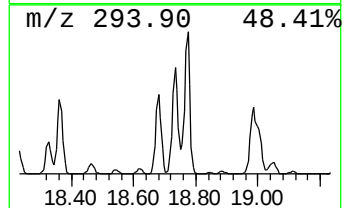
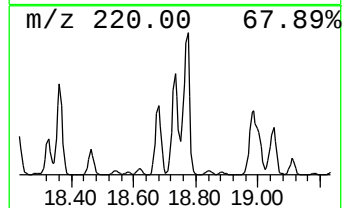
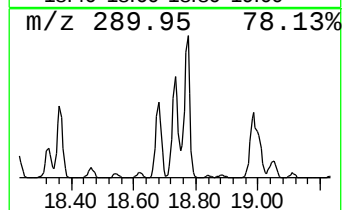
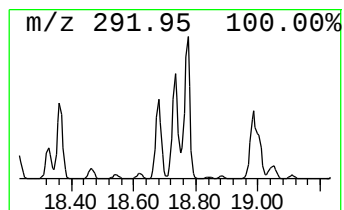
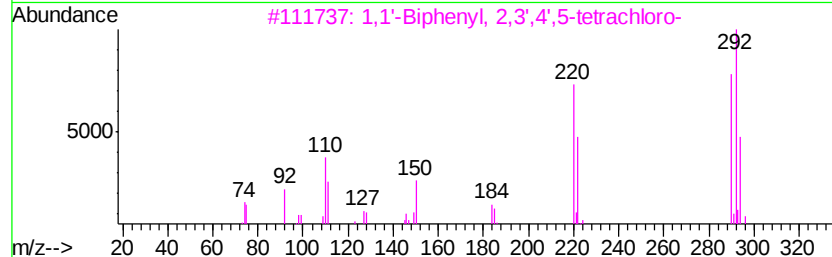
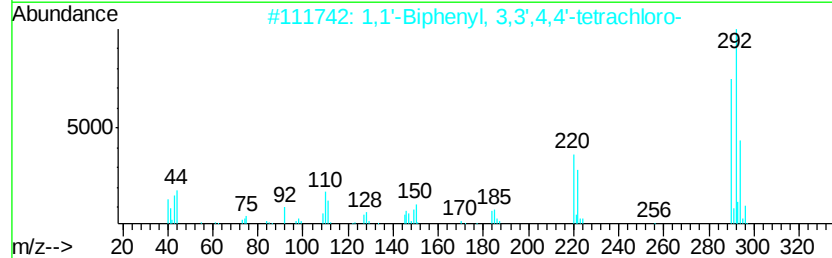
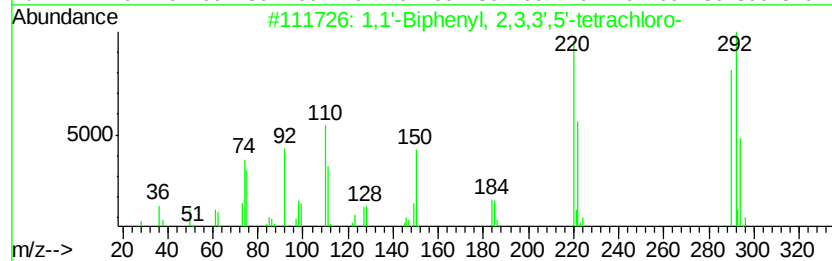
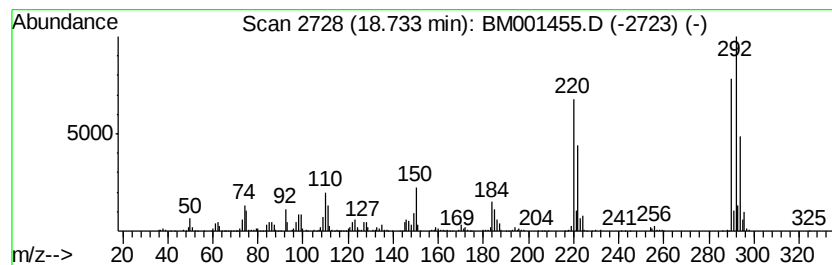
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Quant Title : SVOA CALIBRATION

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

Peak Number 19 1,1'-Biphenyl, 2,3,3',5'-te... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.73	21.81 ng/ul	2120640	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, 3,3',4,4'-tetrach...	290	C12H6Cl4	032598-13-3	99
3		1,1'-Biphenyl, 2,3',4',5-tetrach...	290	C12H6Cl4	032598-11-1	99
4		1,1'-Biphenyl, 2,2',3,4-tetrachl...	290	C12H6Cl4	052663-59-9	99
5		1,1'-Biphenyl, 2,3',5,5'-tetrach...	290	C12H6Cl4	041464-42-0	99



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052915\
Data File : BM001455.D
Acq On : 29 May 2015 22:09
Operator : TP/IZ
Sample : G2411-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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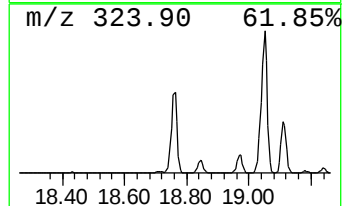
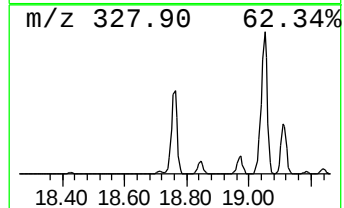
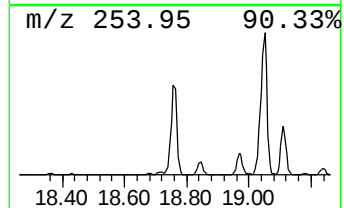
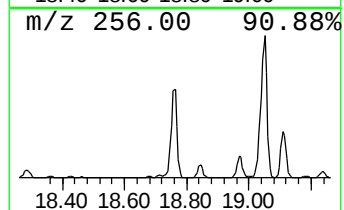
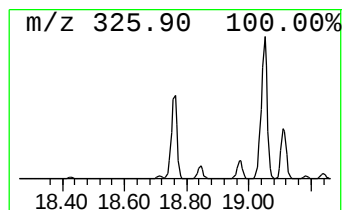
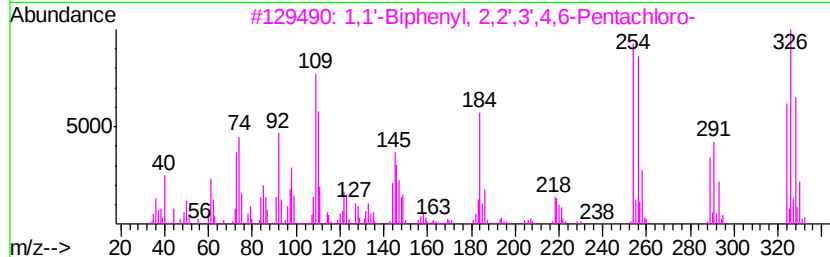
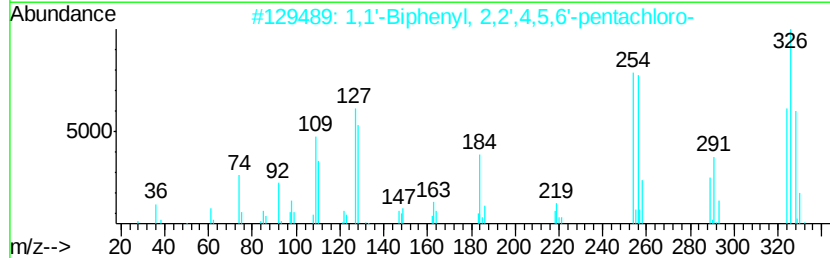
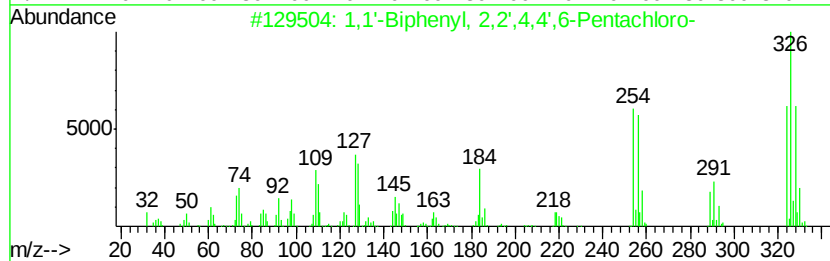
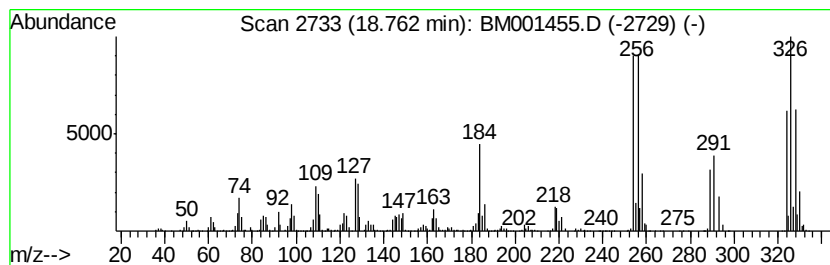
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Quant Title : SVOA CALIBRATION

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

Peak Number 20 1,1'-Biphenyl, 2,2',4,4',6-... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.76	95.35 ng/ul	9270210	Phenanthrene-d10	16.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,2',4,4',6-Penta...	324	C12H5Cl5	039485-83-1	98
2		1,1'-Biphenyl, 2,2',4,5,6'-penta...	324	C12H5Cl5	068194-06-9	96
3		1,1'-Biphenyl, 2,2',3',4,6-Penta...	324	C12H5Cl5	060233-25-2	96
4		1,1'-Biphenyl, 2',3,4,5,5'-Penta...	324	C12H5Cl5	070424-70-3	96
5		1,1'-Biphenyl, 2,2',3,5,5'-penta...	324	C12H5Cl5	052663-61-3	96



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052915\
Data File : BM001455.D
Acq On : 29 May 2015 22:09
Operator : TP/IZ
Sample : G2411-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

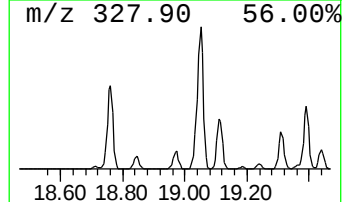
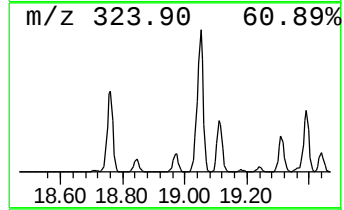
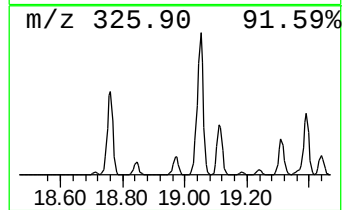
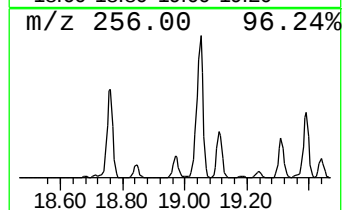
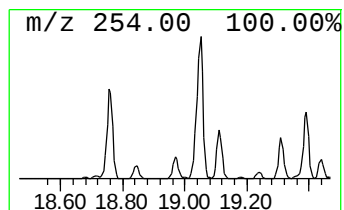
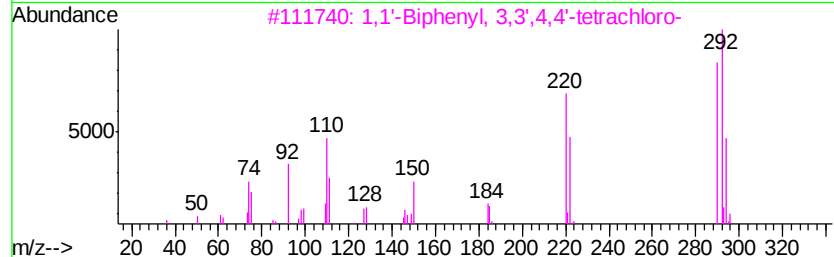
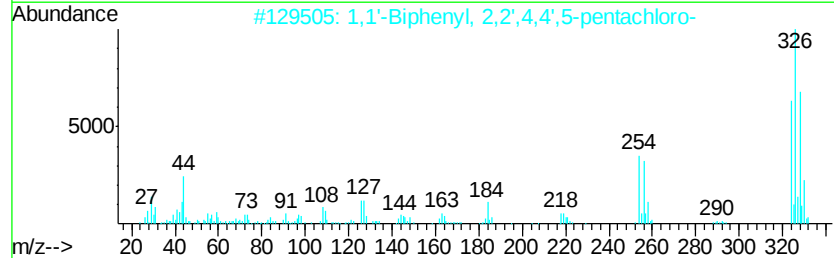
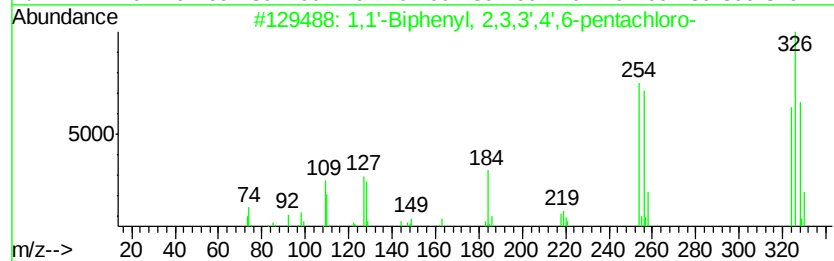
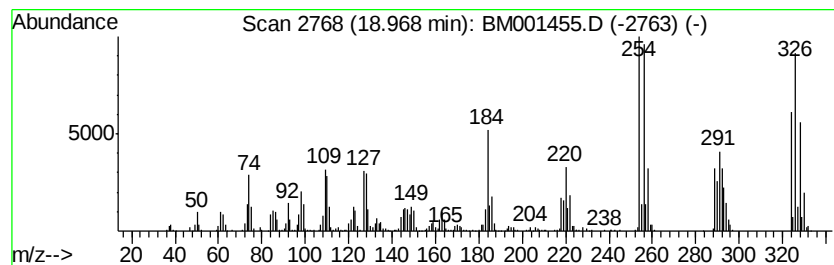
Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052915.M
Quant Title : SVOA CALIBRATION

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

Peak Number 21 1,1'-Biphenyl, 2,3,3',4',6-... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.97	30.33 ng/ul	3463940	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 96
2	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7 95
3	1,1'-Biphenyl, 3,3',4,4'-tetrach...	290	C12H6Cl4	032598-13-3 95
4	1,1'-Biphenyl, 2,2',3',4,5-Penta...	324	C12H5Cl5	041464-51-1 95
5	1,1'-Biphenyl, 2,3',4',5-tetrach...	290	C12H6Cl4	032598-11-1 95



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052915\
Data File : BM001455.D
Acq On : 29 May 2015 22:09
Operator : TP/IZ
Sample : G2411-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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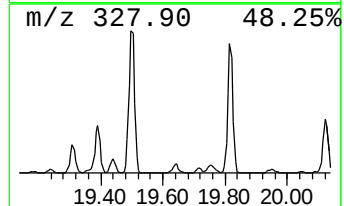
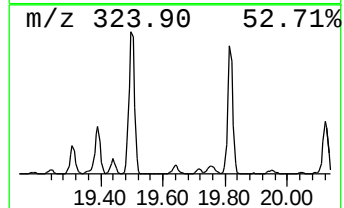
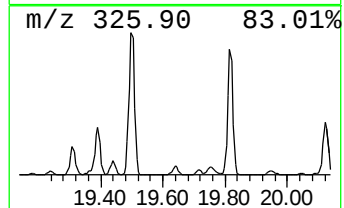
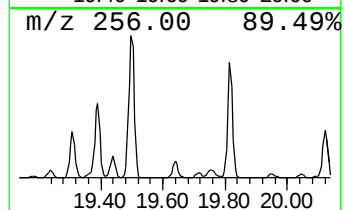
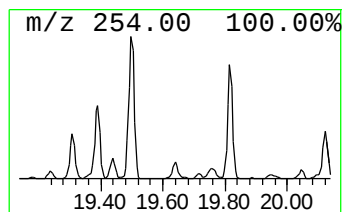
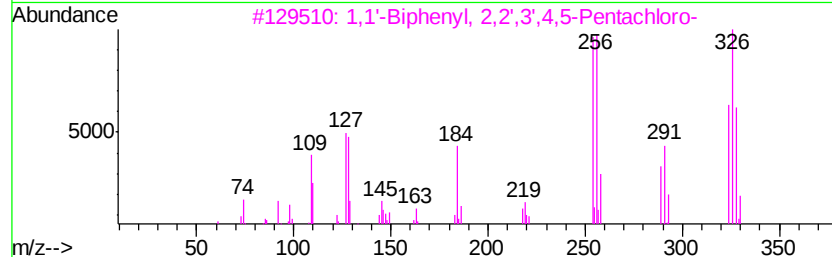
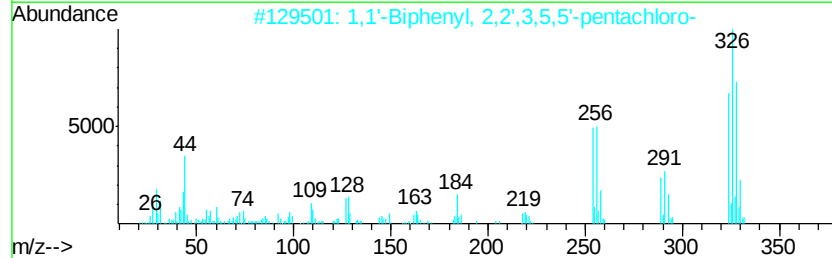
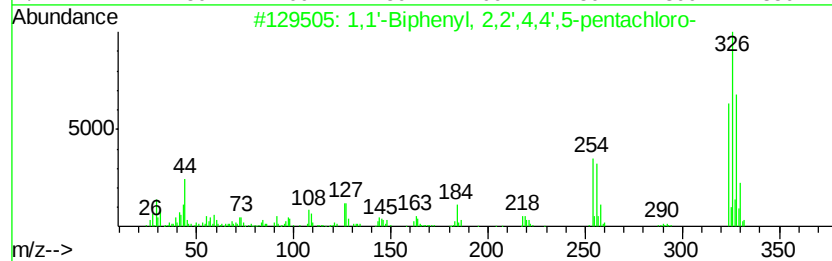
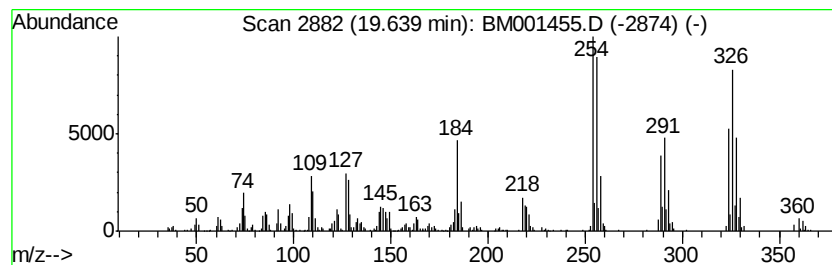
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Quant Title : SVOA CALIBRATION

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

Peak Number 28 1,1'-Biphenyl, 2,2',4,4',5-... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.64	15.11 ng/ul	1725420	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, 2,2',3,5,5'-penta...	324	C12H5Cl5	052663-61-3	99
3		1,1'-Biphenyl, 2,2',3',4,5-Penta...	324	C12H5Cl5	041464-51-1	99
4		1,1'-Biphenyl, 2,2',3,5,5'-penta...	324	C12H5Cl5	052663-61-3	99
5		1,1'-Biphenyl, 2',3,4,5,5'-Penta...	324	C12H5Cl5	070424-70-3	99



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052915\
Data File : BM001455.D
Acq On : 29 May 2015 22:09
Operator : TP/IZ
Sample : G2411-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

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ClientSampleId :
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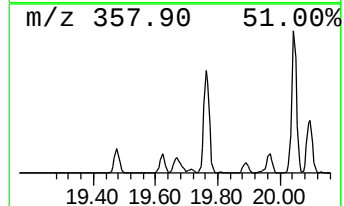
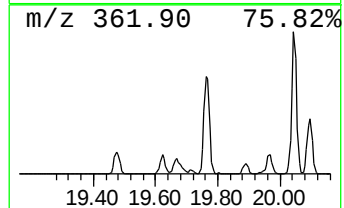
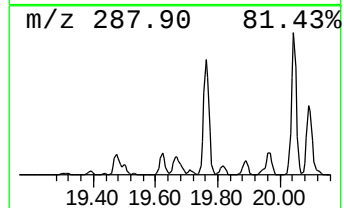
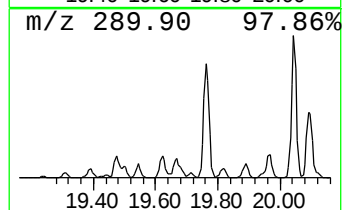
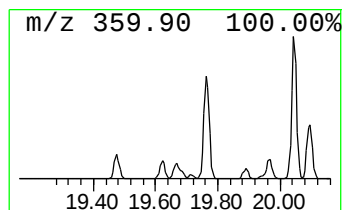
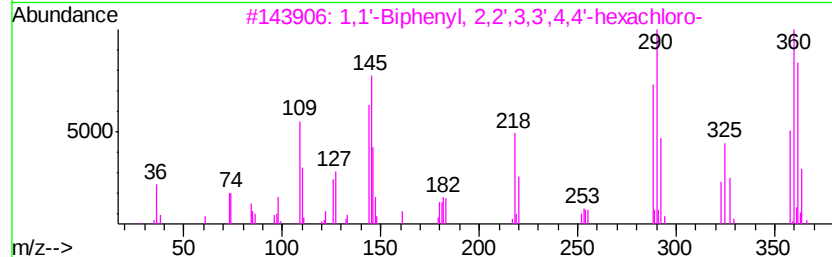
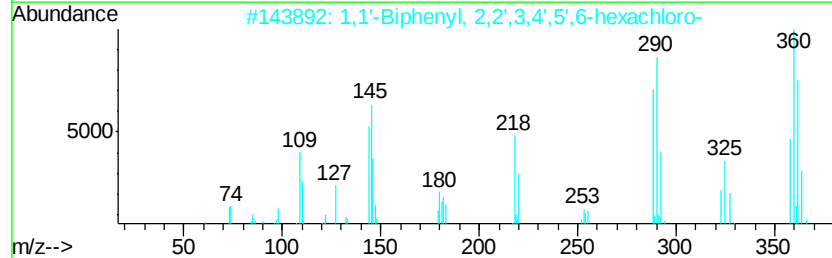
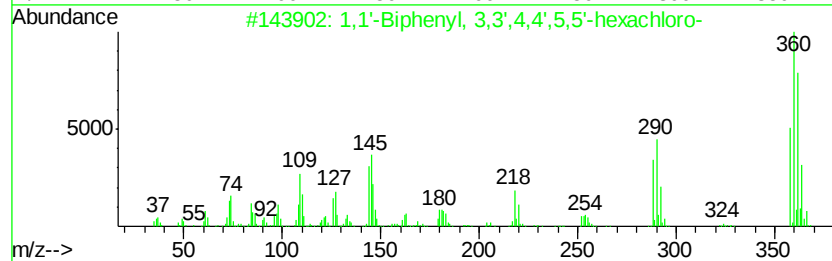
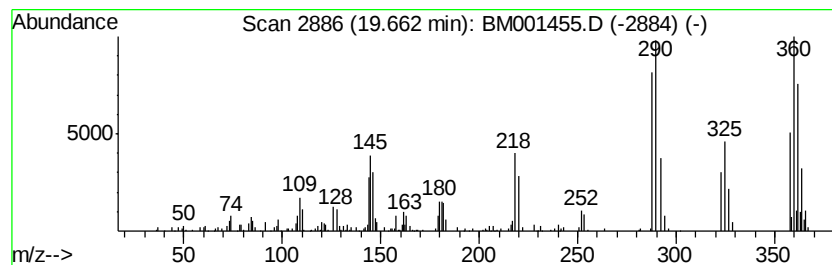
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Quant Title : SVOA CALIBRATION

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

Peak Number 29 1,1'-Biphenyl, 3,3',4,4',5,... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.66	7.24 ng/ul	826441	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',3,4',5',6-he...	358	C12H4Cl6	038380-04-0	99
3		1,1'-Biphenyl, 2,2',3,3',4,4'-he...	358	C12H4Cl6	038380-07-3	99
4		1,1'-Biphenyl, 2,2',3,4,5,6'-Hex...	358	C12H4Cl6	068194-15-0	99
5		1,1'-Biphenyl, 2,3,3',4,4',5-hex...	358	C12H4Cl6	038380-08-4	99



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052915\
Data File : BM001455.D
Acq On : 29 May 2015 22:09
Operator : TP/IZ
Sample : G2411-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BCRB6

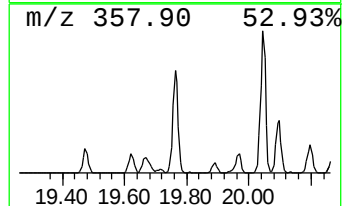
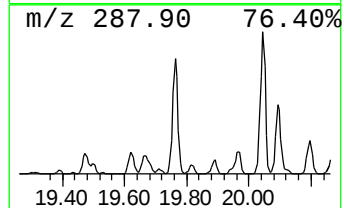
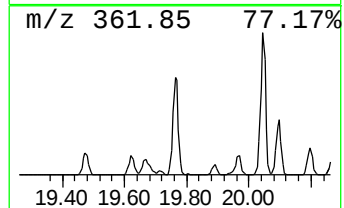
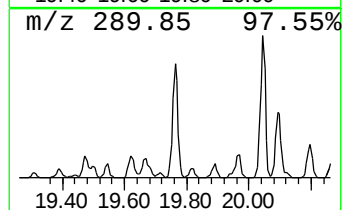
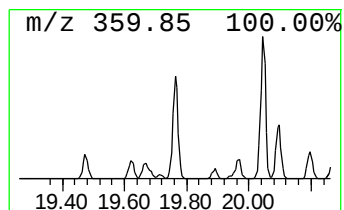
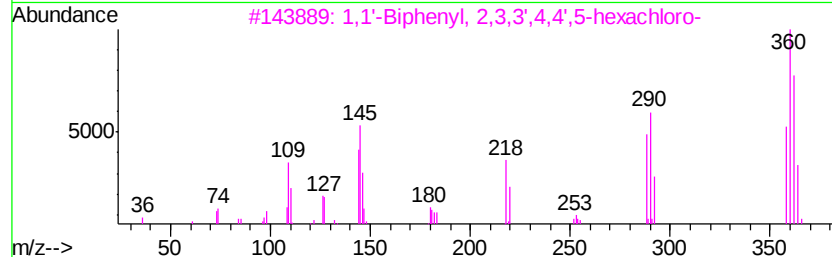
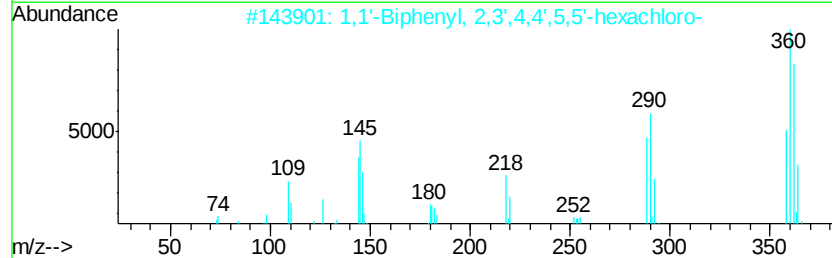
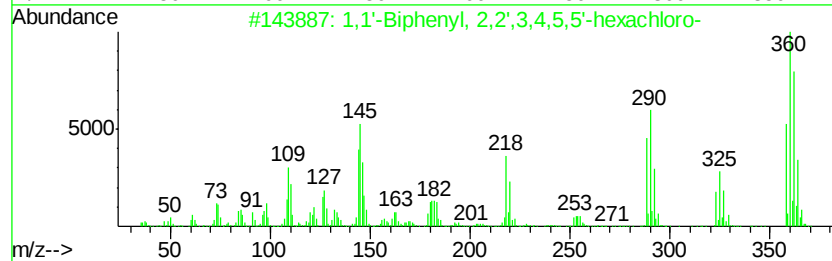
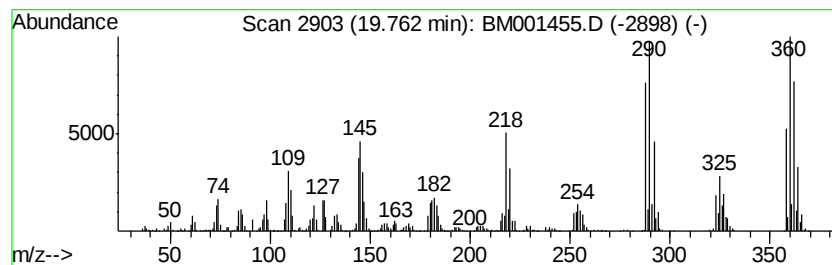
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Quant Title : SVOA CALIBRATION

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

Peak Number 31 1,1'-Biphenyl, 2,2',3,4,5,5... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.76	40.09 ng/ul	4579040	Chrysene-d12	21.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,2',3,4,5,5'-hex...	358	C12H4Cl6	052712-04-6	99
2		1,1'-Biphenyl, 2,3',4,4',5,5'-he...	358	C12H4Cl6	052663-72-6	99
3		1,1'-Biphenyl, 2,3,3',4,4',5-hex...	358	C12H4Cl6	038380-08-4	99
4		1,1'-Biphenyl, 2,2',3,4',5',6-he...	358	C12H4Cl6	038380-04-0	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 : BM001455.D
Acq On : 29 May 2015 22:09
Operator : TP/IZ
Sample : G2411-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

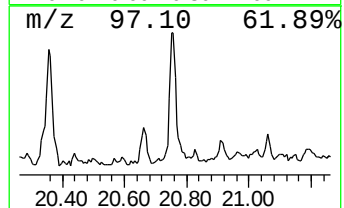
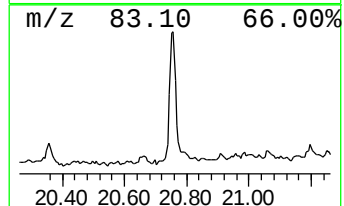
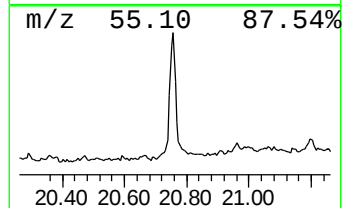
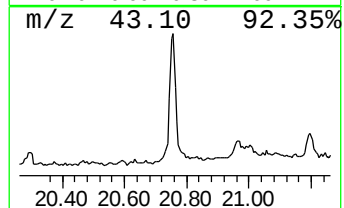
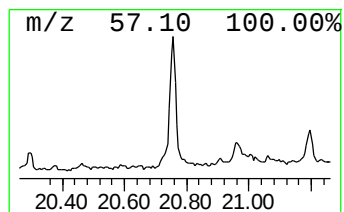
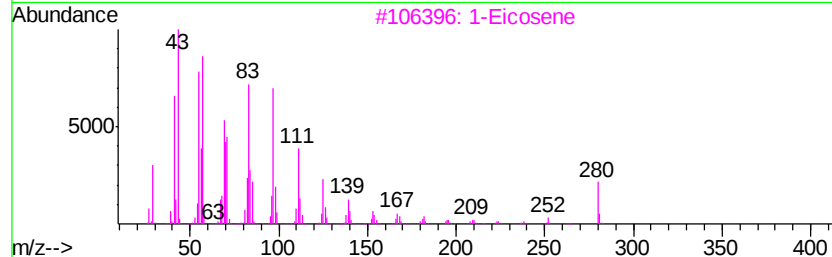
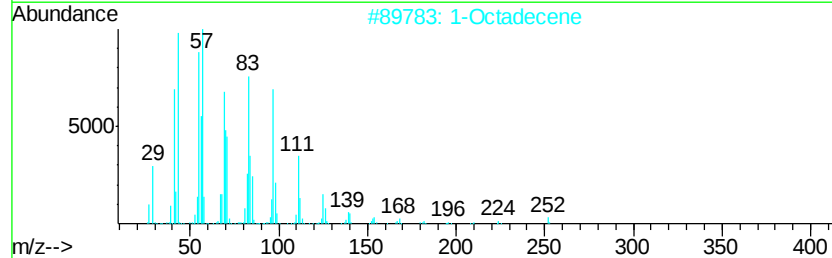
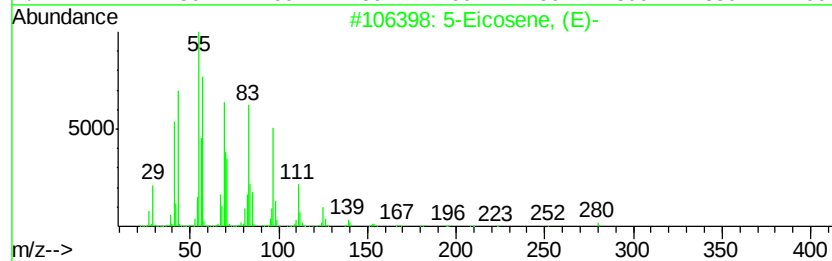
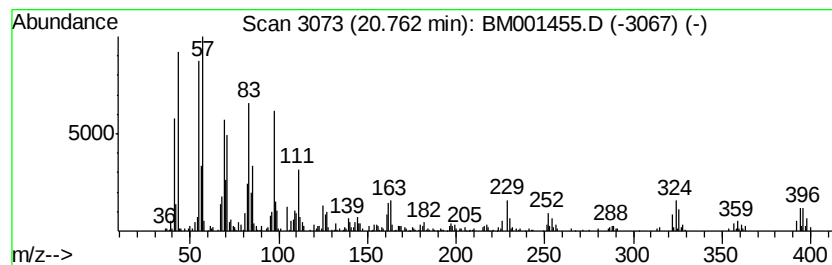
Instrument :
BNA_M
ClientSampleId :
BCRB6

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 45 (DEL) Alkane: Branched-01 Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.76	6.76 ng/ul	772304	Chrysene-d12	21.03
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	5-Eicosene, (E)-		280 C20H40	074685-30-6 93
2	1-Octadecene		252 C18H36	000112-88-9 93
3	1-Eicosene		280 C20H40	003452-07-1 93
4	Cyclooctacosane		392 C28H56	000297-24-5 93
5	Cyclotetracosane		336 C24H48	000297-03-0 91



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052915\
 Data File : BM001455.D
 Acq On : 29 May 2015 22:09
 Operator : TP/IZ
 Sample : G2411-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BCRB6

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
1-Pentene, 3,3-di...	3.80	8.7	ng/ul	343746	1	7.38	788017	20.0
unknown-01	4.22	6.6	ng/ul	258430	1	7.38	788017	20.0
1,1'-Biphenyl, 2,...	16.74	2.5	ng/ul	239090	4	16.82	1944540	20.0
1,1'-Biphenyl, 2,...	17.00	9.0	ng/ul	873385	4	16.82	1944540	20.0
1,1'-Biphenyl, 2,...	17.43	17.7	ng/ul	1720900	4	16.82	1944540	20.0
1,1'-Biphenyl, 2,...	17.54	4.8	ng/ul	463384	4	16.82	1944540	20.0
1,1'-Biphenyl, 2,...	17.67	11.1	ng/ul	1074070	4	16.82	1944540	20.0
1,1'-Biphenyl, 2,...	17.90	51.7	ng/ul	5027370	4	16.82	1944540	20.0
1,1'-Biphenyl, 2,...	17.96	19.1	ng/ul	1858260	4	16.82	1944540	20.0
1,1'-Biphenyl, 2,...	18.19	31.9	ng/ul	3102860	4	16.82	1944540	20.0
1,1'-Biphenyl, 2,...	18.23	7.9	ng/ul	768644	4	16.82	1944540	20.0
1,1'-Biphenyl, 2,...	18.73	21.8	ng/ul	2120640	4	16.82	1944540	20.0
1,1'-Biphenyl, 2,...	18.76	95.3	ng/ul	9270210	4	16.82	1944540	20.0
1,1'-Biphenyl, 2,...	18.97	30.3	ng/ul	3463940	5	21.03	2284540	20.0
1,1'-Biphenyl, 2,...	19.64	15.1	ng/ul	1725420	5	21.03	2284540	20.0
1,1'-Biphenyl, 3,...	19.66	7.2	ng/ul	826441	5	21.03	2284540	20.0
1,1'-Biphenyl, 2,...	19.76	40.1	ng/ul	4579040	5	21.03	2284540	20.0
(DEL) Alkane: Bra...	20.76	6.8	ng/ul	772304	5	21.03	2284540	20.0