

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072815\
 Data File : BM002116.D
 Acq On : 29 Jul 2015 05:17
 Operator : TP/UM
 Sample : G3030-13
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C02E7

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-BM072715.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	6.275	605	610	614	rBB	12114	15934	0.82%	0.063%
2	6.781	690	696	706	rVB	147102	236032	12.12%	0.928%
3	6.892	710	715	719	rBV	59837	93136	4.78%	0.366%
4	6.939	719	723	728	rVV	104394	153738	7.90%	0.605%
5	7.134	750	756	763	rBB	152089	235086	12.08%	0.925%
6	7.239	770	774	779	rVB	23427	32452	1.67%	0.128%
7	7.598	828	835	842	rBB	244014	377022	19.37%	1.483%
8	7.704	849	853	859	rBB2	7496	11362	0.58%	0.045%
9	8.316	951	957	966	rBV	170858	265132	13.62%	1.043%
10	8.757	1026	1032	1039	rBB	134098	209627	10.77%	0.825%
11	9.475	1149	1154	1161	rBB	89842	146853	7.54%	0.578%
12	10.016	1240	1246	1256	rBB	194959	311577	16.00%	1.226%
13	10.386	1302	1309	1315	rBV	321959	529481	27.20%	2.083%
14	10.533	1328	1334	1348	rBV	129706	219388	11.27%	0.863%
15	12.057	1586	1593	1599	rBB2	6656	11786	0.61%	0.046%
16	12.604	1681	1686	1693	rVB3	5672	10501	0.54%	0.041%
17	12.804	1710	1720	1725	rVV	107584	159311	8.18%	0.627%
18	12.857	1725	1729	1734	rVB3	10497	15649	0.80%	0.062%
19	13.580	1847	1852	1857	rBV5	9235	14244	0.73%	0.056%
20	13.674	1863	1868	1872	rBV	325441	433712	22.28%	1.706%
21	13.721	1872	1876	1883	rVB	148865	210407	10.81%	0.828%
22	13.951	1910	1915	1927	rVB	353642	521236	26.77%	2.050%
23	14.157	1945	1950	1956	rBV3	6734	11446	0.59%	0.045%
24	14.263	1956	1968	1975	rVV2	492839	734874	37.75%	2.891%
25	14.327	1975	1979	1982	rVV	40869	62838	3.23%	0.247%
26	14.351	1982	1983	1988	rVB3	21272	17221	0.88%	0.068%
27	14.492	2000	2007	2018	rBV	100080	167297	8.59%	0.658%
28	14.663	2029	2036	2045	rBV	27148	42591	2.19%	0.168%
29	14.786	2052	2057	2063	rVB5	6813	11154	0.57%	0.044%
30	15.115	2110	2113	2117	rVB3	12662	14774	0.76%	0.058%
31	15.257	2132	2137	2143	rBV	422208	599033	30.77%	2.356%
32	15.315	2143	2147	2152	rVB	49902	67768	3.48%	0.267%
33	15.398	2156	2161	2165	rBV5	14061	25291	1.30%	0.099%
34	15.521	2177	2182	2186	rVV2	23603	34733	1.78%	0.137%

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35	15.610	2193	2197	2203	rVB	13722	18166	0.93%	0.071%
36	15.757	2214	2222	2228	rBV3	12251	28056	1.44%	0.110%
37	15.998	2255	2263	2268	rBV3	48639	103488	5.32%	0.407%
38	16.315	2314	2317	2320	rVB4	9819	12394	0.64%	0.049%
39	16.545	2349	2356	2360	rBV4	22480	40106	2.06%	0.158%
40	16.586	2360	2363	2366	rVB4	10767	12558	0.65%	0.049%
41	16.668	2373	2377	2384	rVB2	19100	30848	1.58%	0.121%
42	16.768	2391	2394	2398	rVV3	28913	41491	2.13%	0.163%
43	16.821	2399	2403	2410	rVB2	47057	81119	4.17%	0.319%
44	16.927	2418	2421	2425	rVB6	8792	11389	0.59%	0.045%
45	17.015	2430	2436	2439	rVV	620814	908883	46.69%	3.575%
46	17.056	2439	2443	2447	rVV	495547	713520	36.65%	2.807%
47	17.109	2447	2452	2456	rVV	495773	723111	37.14%	2.844%
48	17.145	2456	2458	2462	rVV	150517	164292	8.44%	0.646%
49	17.192	2462	2466	2472	rVB6	28898	46064	2.37%	0.181%
50	17.421	2501	2505	2510	rVB	43339	60119	3.09%	0.236%
51	17.503	2516	2519	2522	rBV5	12600	15211	0.78%	0.060%
52	17.615	2531	2538	2543	rVB3	48755	97076	4.99%	0.382%
53	17.727	2553	2557	2563	rVB5	37676	52006	2.67%	0.205%
54	17.803	2566	2570	2573	rBV4	27155	38933	2.00%	0.153%
55	17.886	2577	2584	2585	rVV	51245	76681	3.94%	0.302%
56	17.909	2585	2588	2590	rVV	88120	122613	6.30%	0.482%
57	17.933	2590	2592	2596	rVV	83918	107116	5.50%	0.421%
58	17.980	2596	2600	2604	rVV	101319	137674	7.07%	0.542%
59	18.015	2604	2606	2611	rVV2	36081	51336	2.64%	0.202%
60	18.080	2612	2617	2622	rVV2	304775	445592	22.89%	1.753%
61	18.139	2624	2627	2631	rVV	105805	151309	7.77%	0.595%
62	18.186	2631	2635	2640	rVB2	108700	150091	7.71%	0.590%
63	18.292	2648	2653	2661	rBV	204768	290570	14.93%	1.143%
64	18.368	2662	2666	2669	rBV	82205	123270	6.33%	0.485%
65	18.480	2681	2685	2688	rBV3	66457	86671	4.45%	0.341%
66	18.545	2693	2696	2701	rVB3	32920	40906	2.10%	0.161%
67	18.633	2706	2711	2717	rVV	371599	492802	25.31%	1.938%
68	18.768	2730	2734	2737	rBV	53468	66021	3.39%	0.260%
69	18.862	2747	2750	2753	rVB3	28207	31416	1.61%	0.124%
70	18.915	2755	2759	2760	rVV2	116848	148521	7.63%	0.584%
71	18.939	2760	2763	2771	rVB3	273826	426420	21.90%	1.677%

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72	19.021	2774	2777	2781	rVB3	49575	58789	3.02%	0.231%
73	19.080	2782	2787	2792	rBV	935065	1192425	61.25%	4.691%
74	19.145	2793	2798	2802	rBV3	98313	172576	8.86%	0.679%
75	19.221	2806	2811	2817	rVB	429990	575017	29.54%	2.262%
76	19.286	2818	2822	2827	rBV	169469	224095	11.51%	0.882%
77	19.415	2839	2844	2846	rBV2	696429	946876	48.64%	3.725%
78	19.445	2846	2849	2853	rVV	708558	933354	47.94%	3.671%
79	19.480	2853	2855	2859	rVB2	84545	108094	5.55%	0.425%
80	19.562	2866	2869	2873	rVB	146256	163524	8.40%	0.643%
81	19.615	2874	2878	2881	rBV2	80980	125417	6.44%	0.493%
82	19.668	2883	2887	2895	rVB2	364498	548955	28.20%	2.159%
83	19.939	2928	2933	2938	rBV3	260731	375876	19.31%	1.479%
84	19.986	2938	2941	2946	rVB	327436	368317	18.92%	1.449%
85	20.044	2947	2951	2954	rBV	97845	136868	7.03%	0.538%
86	20.215	2976	2980	2983	rBV	237842	297909	15.30%	1.172%
87	20.268	2986	2989	2991	rVV2	113275	140292	7.21%	0.552%
88	20.292	2991	2993	2997	rVB2	133895	153063	7.86%	0.602%
89	20.533	3027	3034	3040	rBV	269654	488266	25.08%	1.921%
90	20.927	3098	3101	3107	rVB4	128534	259786	13.34%	1.022%
91	21.121	3131	3134	3138	rVB	154346	171483	8.81%	0.675%
92	21.209	3143	3149	3153	rVV2	1031588	1946830	100.00%	7.658%
93	21.244	3153	3155	3163	rVB	484330	633958	32.56%	2.494%
94	21.362	3172	3175	3180	rBV2	153489	188936	9.70%	0.743%
95	21.786	3244	3247	3249	rBV	112439	109591	5.63%	0.431%
96	22.756	3409	3412	3417	rVB	204288	285110	14.64%	1.122%
97	23.227	3489	3492	3496	rBV	159481	240399	12.35%	0.946%
98	23.280	3496	3501	3505	rVV	472310	837358	43.01%	3.294%
99	23.321	3505	3508	3514	rVB	339505	545520	28.02%	2.146%
100	23.421	3519	3525	3530	rBV	559567	1042661	53.56%	4.101%

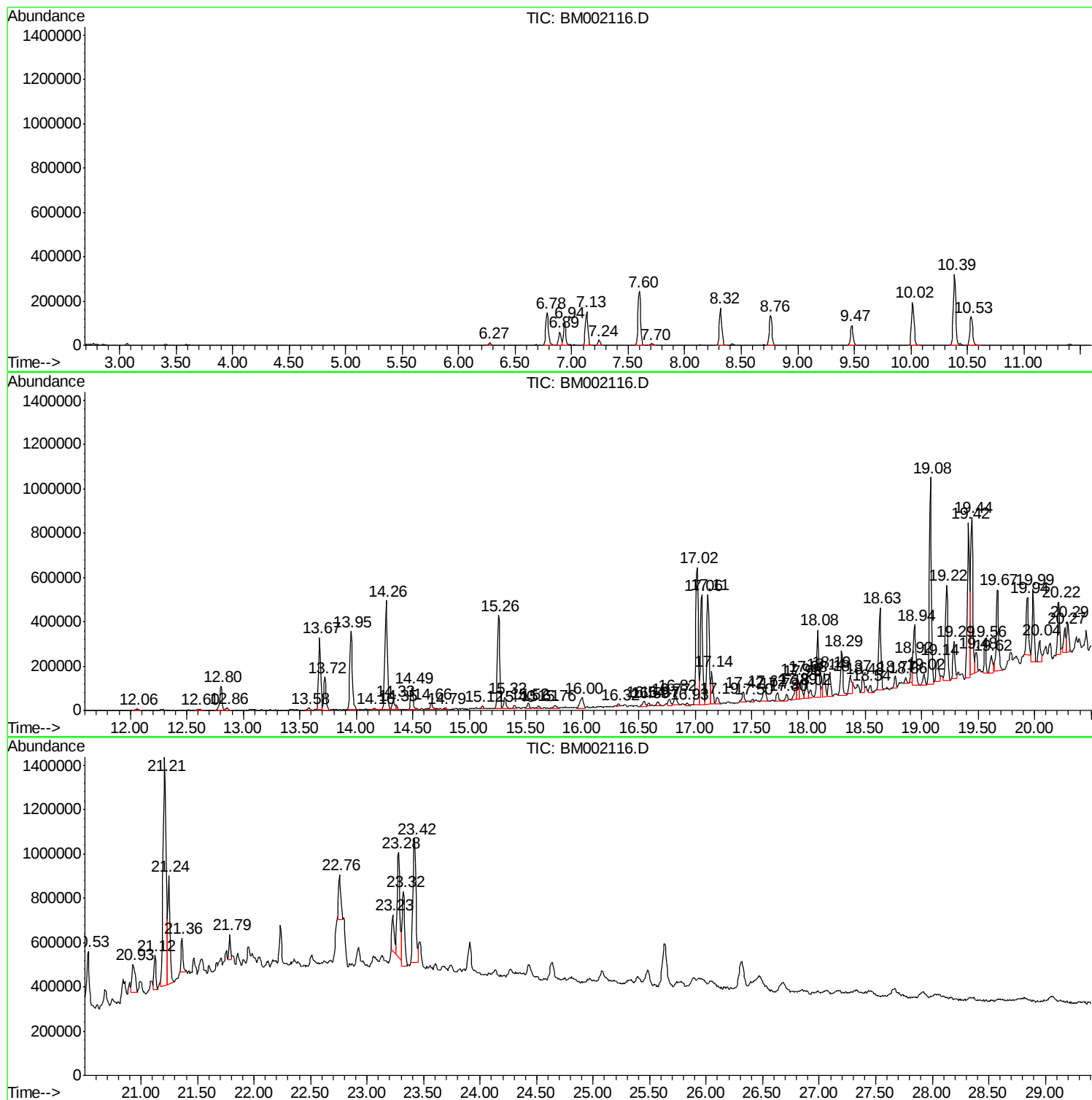
Sum of corrected areas: 25421870

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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

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



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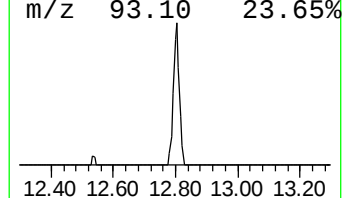
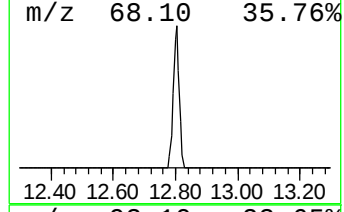
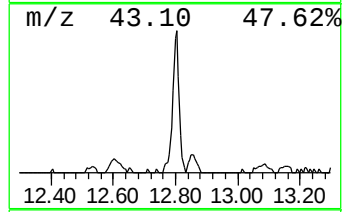
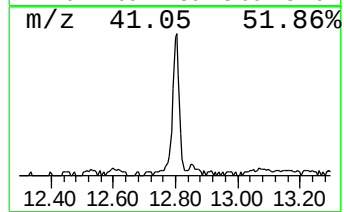
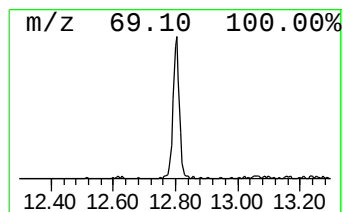
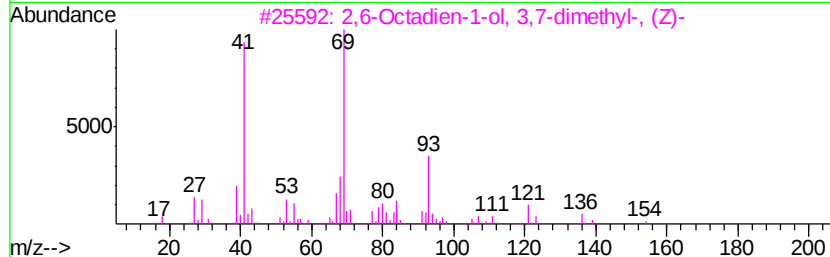
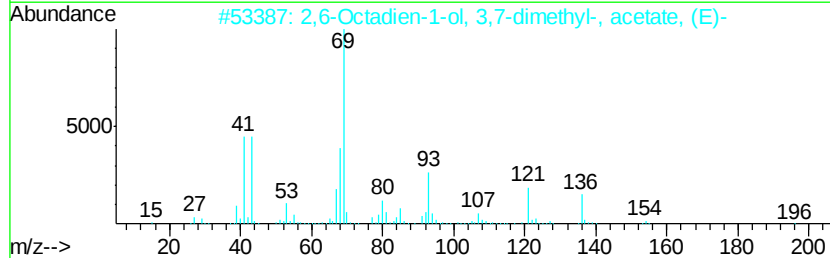
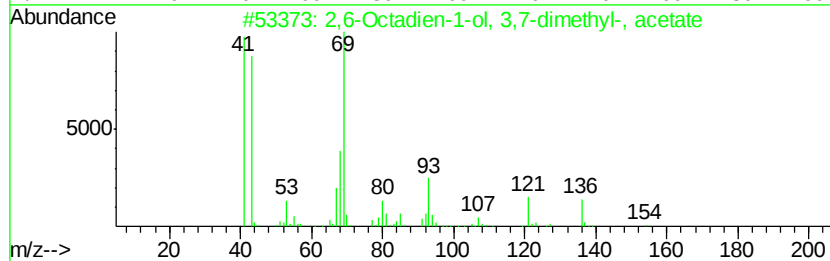
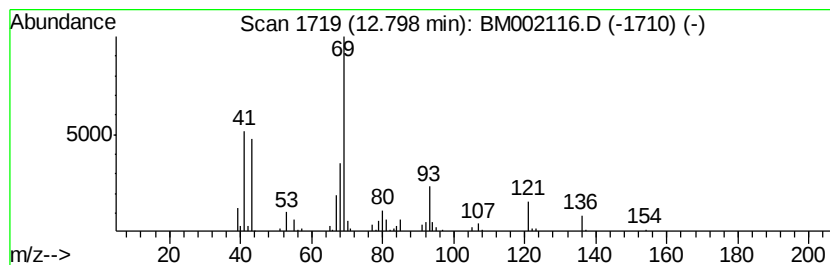
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 2,6-Octadien-1-ol, 3,7-dime... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.80	4.34 ng/ul	159311	Acenaphthene-d10	14.26

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2,6-Octadien-1-ol, 3,7-dimethyl-...	196	C12H20O2	016409-44-2	90
2			2,6-Octadien-1-ol, 3,7-dimethyl-...	196	C12H20O2	000105-87-3	90
3			2,6-Octadien-1-ol, 3,7-dimethyl-...	154	C10H18O	000106-25-2	80
4			2,6-Octadien-1-ol, 3,7-dimethyl-...	182	C11H18O2	000105-86-2	80
5			2,6-Octadien-1-ol, 3,7-dimethyl-...	196	C12H20O2	000105-87-3	78



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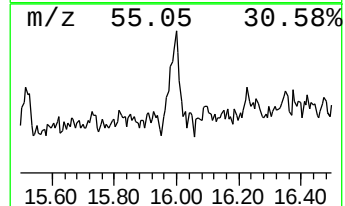
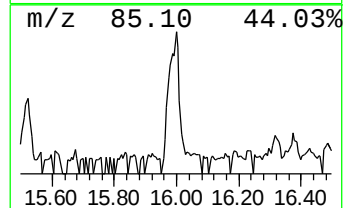
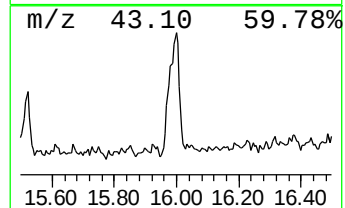
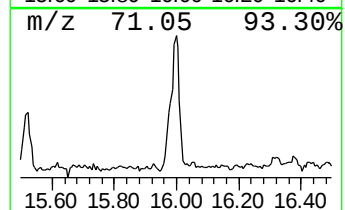
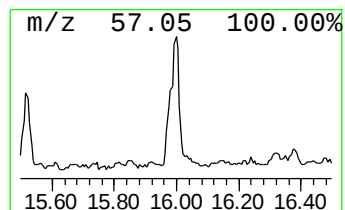
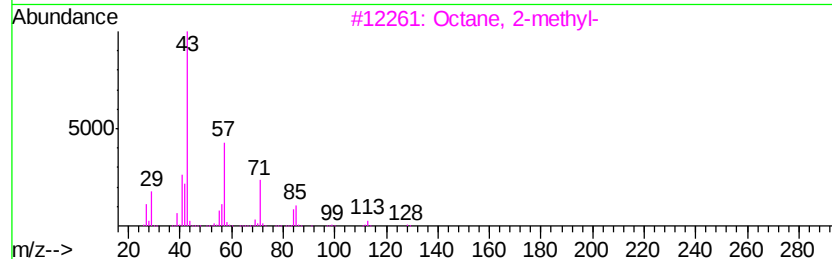
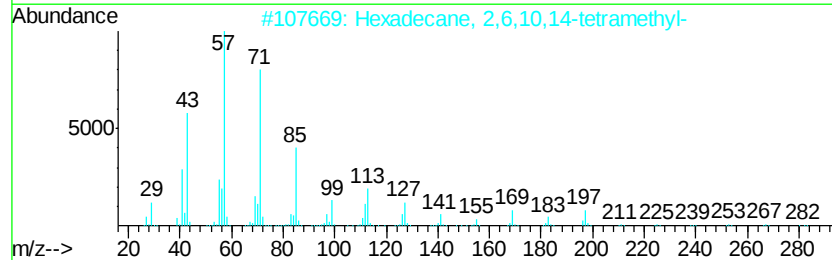
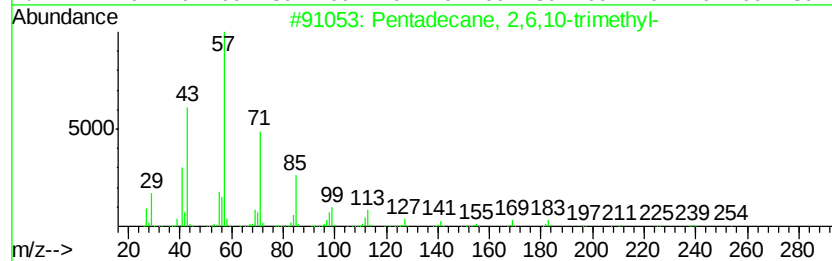
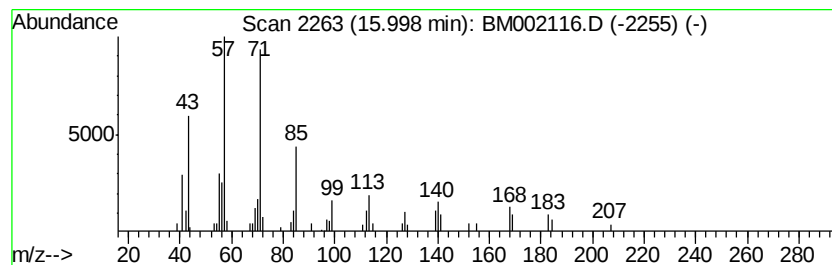
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Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.00	2.28 ng/ul	103488	Phenanthrene-d10	17.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	72
2		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	72
3		Octane, 2-methyl-	128	C9H20	003221-61-2	64
4		Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	58
5		Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	58



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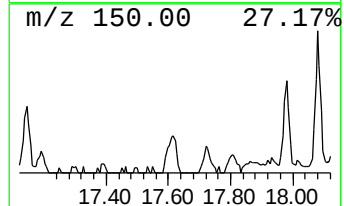
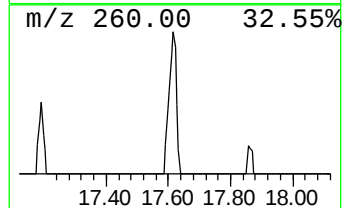
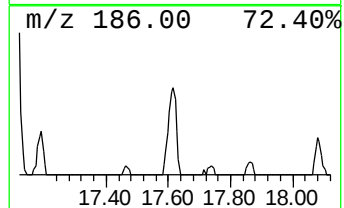
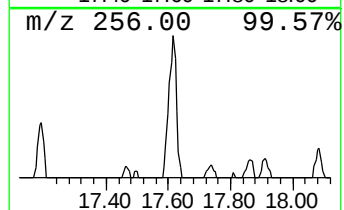
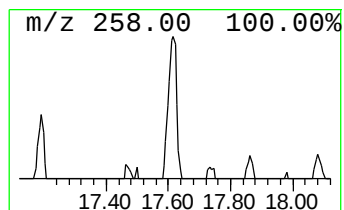
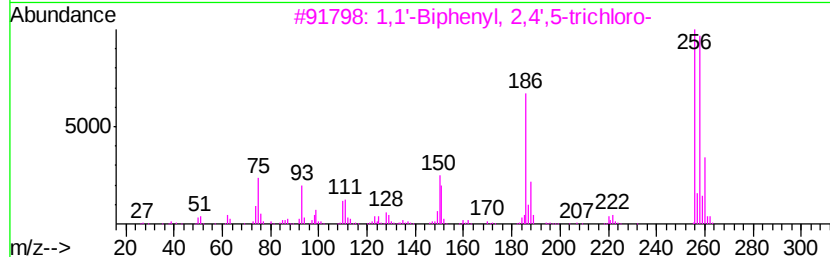
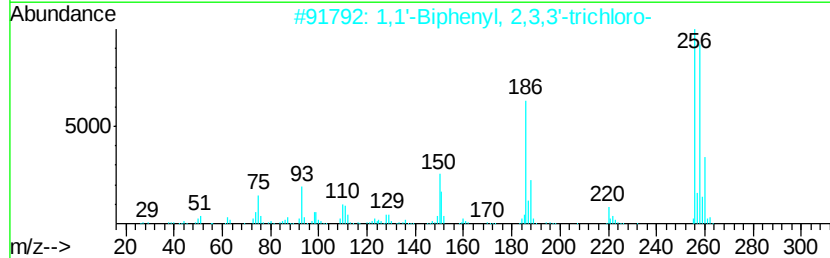
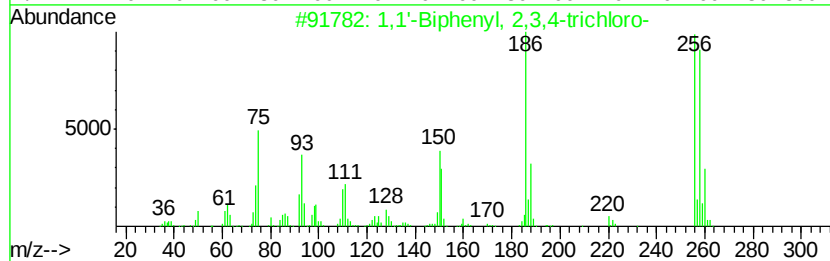
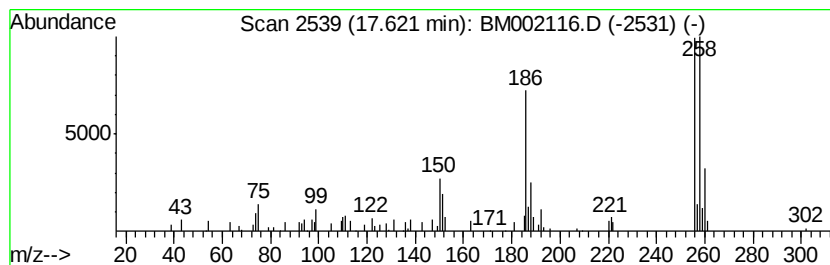
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Peak Number 3 1,1'-Biphenyl, 2,3,4-trichl... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.62	2.14 ng/ul	97076	Phenanthrene-d10	17.02

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,1'-Biphenyl, 2,3,4-trichloro-	256	C12H7Cl3	055702-46-0	96
2			1,1'-Biphenyl, 2,3,3'-trichloro-	256	C12H7Cl3	038444-84-7	95
3			1,1'-Biphenyl, 2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	95
4			1,1'-Biphenyl, 2,4,6-trichloro-	256	C12H7Cl3	035693-92-6	95
5			1,1'-Biphenyl, 2,3,4'-Trichloro-	256	C12H7Cl3	038444-85-8	94



Data Path : Z:\HPCHEM1\BNA M\DATA\BM072815\
Data File : BM002116.D
Acq On : 29 Jul 2015 05:17
Operator : TP/UM
Sample : G3030-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

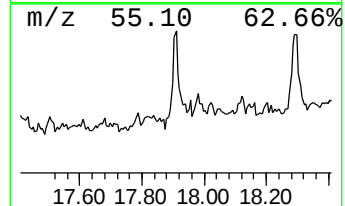
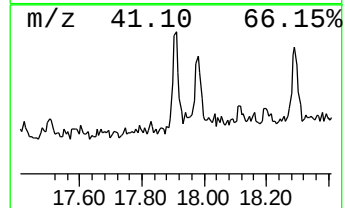
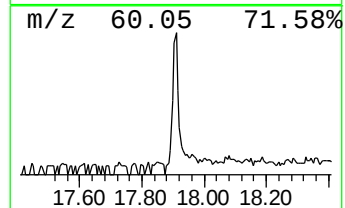
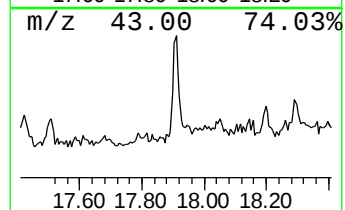
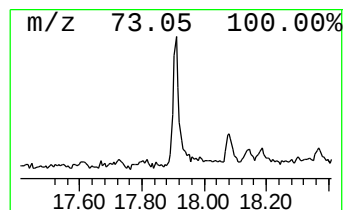
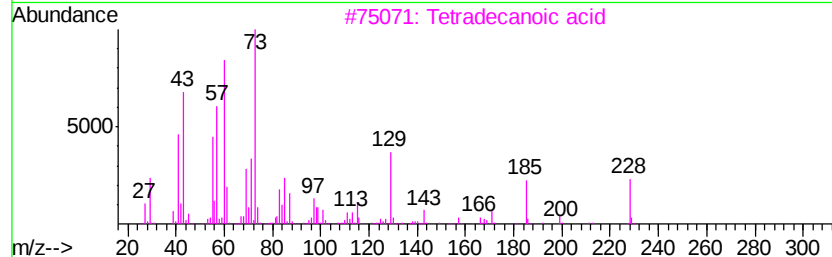
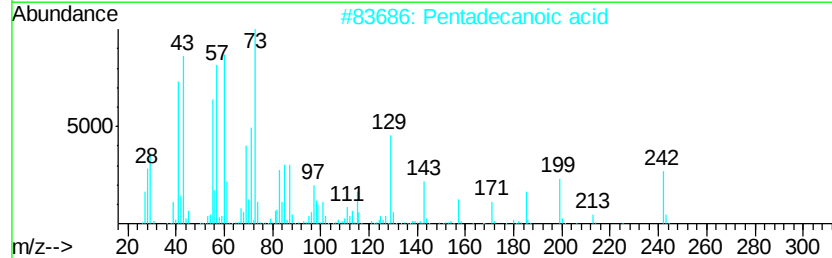
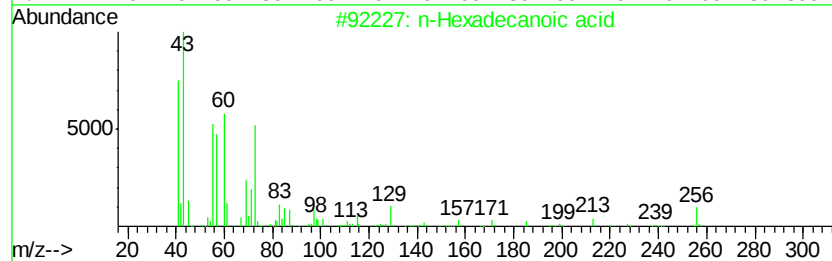
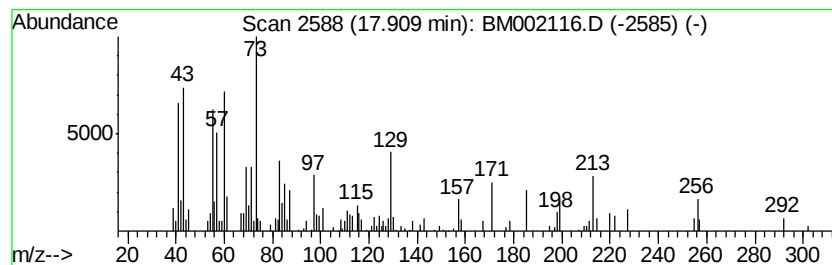
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 n-Hexadecanoic acid Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD		R.T.
17.91	2.70 ng/ul	122613	Phenanthrene-d10		17.02
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	92
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	58
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	52
4	Tridecanoic acid	214	C13H26O2	000638-53-9	47
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	46



Data Path : Z:\HPCHEM1\BNA M\DATA\BM072815\
Data File : BM002116.D
Acq On : 29 Jul 2015 05:17
Operator : TP/UM
Sample : G3030-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

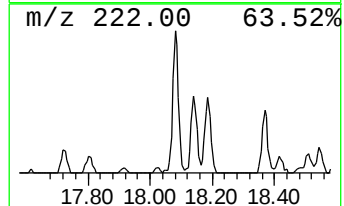
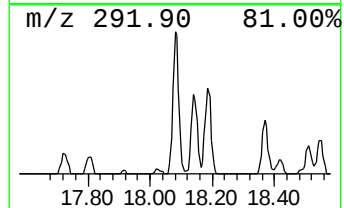
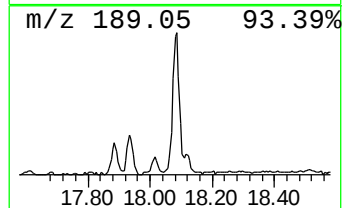
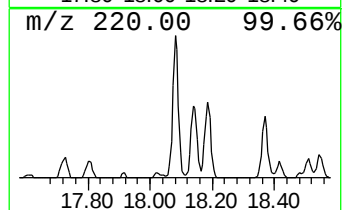
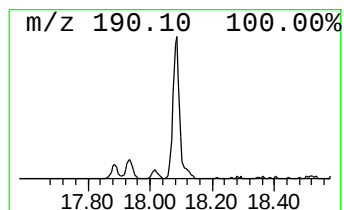
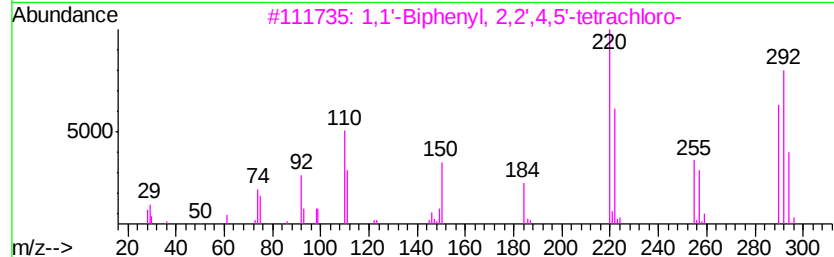
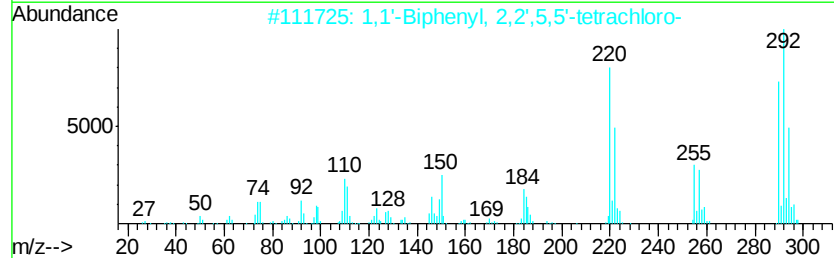
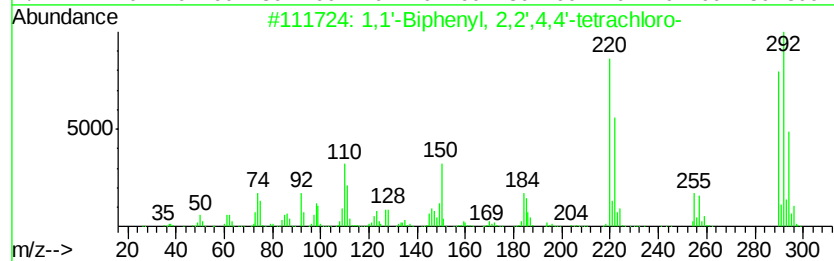
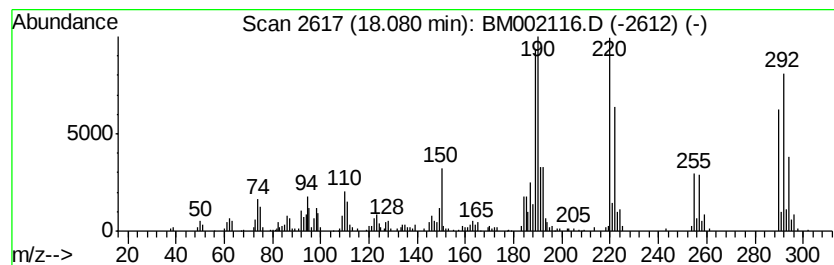
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.08	9.81 ng/ul	445592	Phenanthrene-d10	17.02	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	97
2	1,1'-Biphenyl, 2,2',5,5'-tetrach...	290	C12H6Cl4	035693-99-3	97
3	1,1'-Biphenyl, 2,2',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	97
4	1,1'-Biphenyl, 2,2',4,6-Tetrachl...	290	C12H6Cl4	062796-65-0	97
5	1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	97



Data Path : Z:\HPCHEM1\BNA M\DATA\BM072815\
Data File : BM002116.D
Acq On : 29 Jul 2015 05:17
Operator : TP/UM
Sample : G3030-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

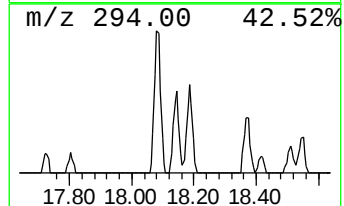
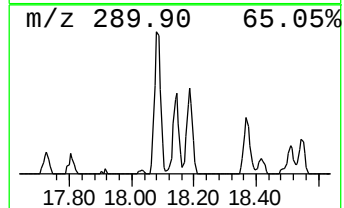
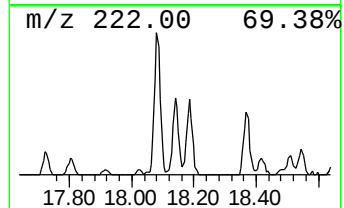
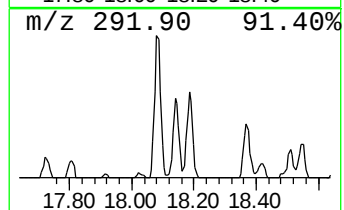
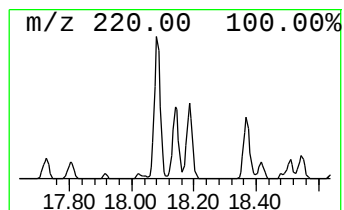
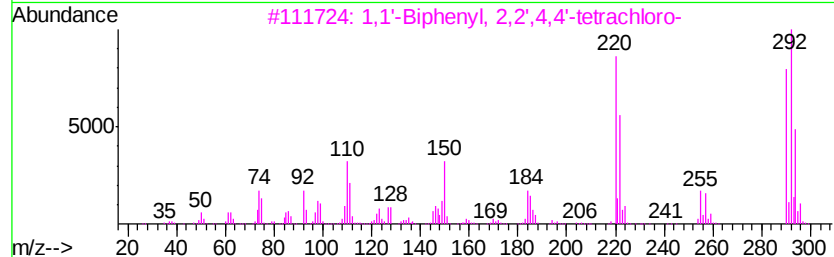
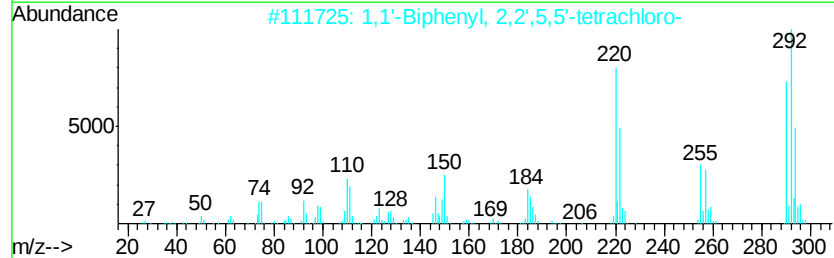
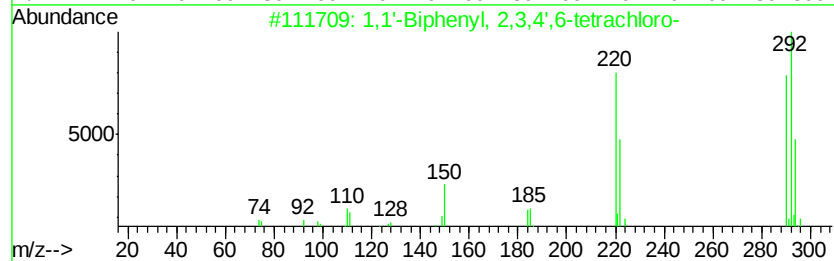
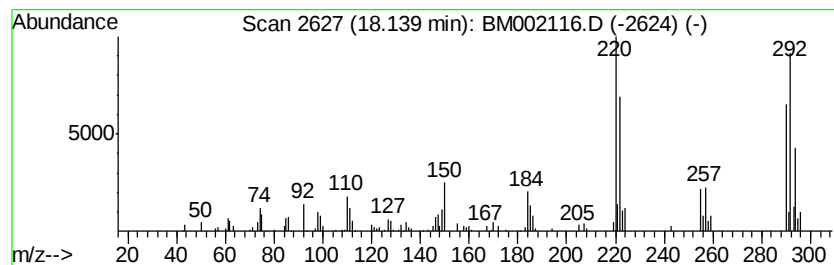
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.14	3.33 ng/ul	151309	Phenanthrene-d10	17.02		
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',5,5'-tetrach...	290	C12H6Cl4	035693-99-3	99
3	1,1'-Biphenyl,	2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
4	1,1'-Biphenyl,	2,2',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	99
5	1,1'-Biphenyl,	2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	98



Data Path : Z:\HPCHEM1\BNA M\DATA\BM072815\
Data File : BM002116.D
Acq On : 29 Jul 2015 05:17
Operator : TP/UM
Sample : G3030-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

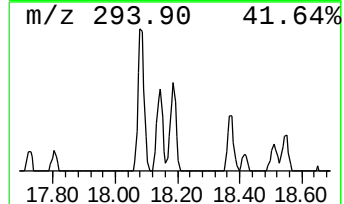
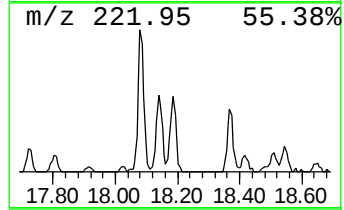
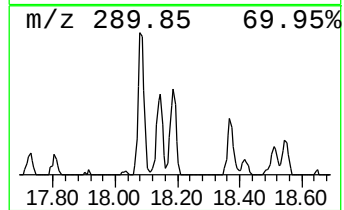
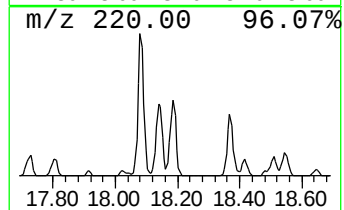
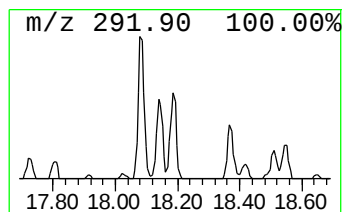
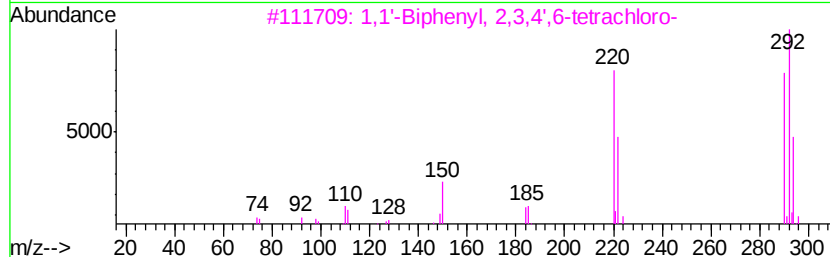
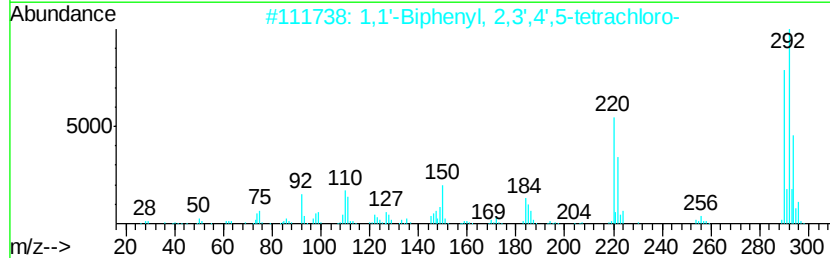
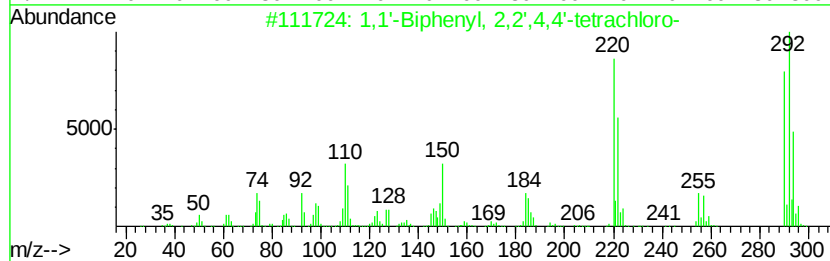
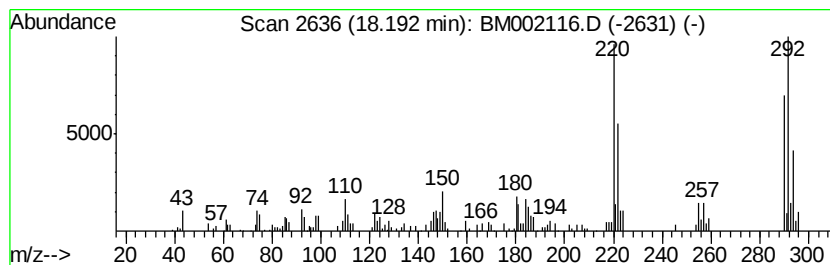
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

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

Peak Number 7 1,1'-Biphenyl, 2,3',4',5-te... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.19	3.30 ng/ul	150091	Phenanthrene-d10	17.02		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99	
2	1,1'-Biphenyl, 2,3',4',5-tetrach...	290	C12H6Cl4	032598-11-1	97	
3	1,1'-Biphenyl, 2,3,4',6-tetrachl...	290	C12H6Cl4	052663-58-8	96	
4	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	95	
5	1,1'-Biphenyl, 2,2',3,4'-tetrach...	290	C12H6Cl4	036559-22-5	95	



Data Path : Z:\HPCHEM1\BNA M\DATA\BM072815\
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Acq On : 29 Jul 2015 05:17
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Sample : G3030-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

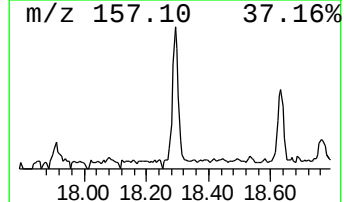
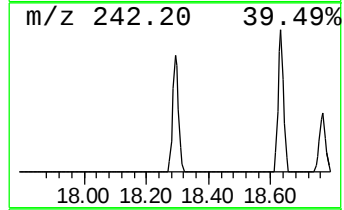
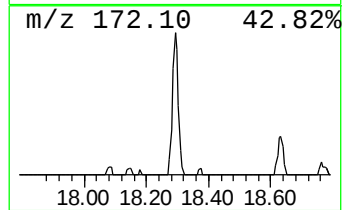
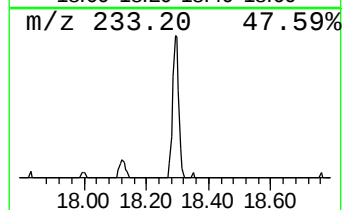
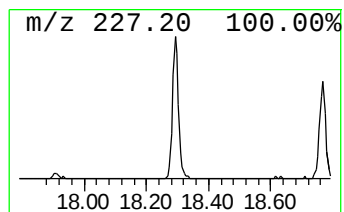
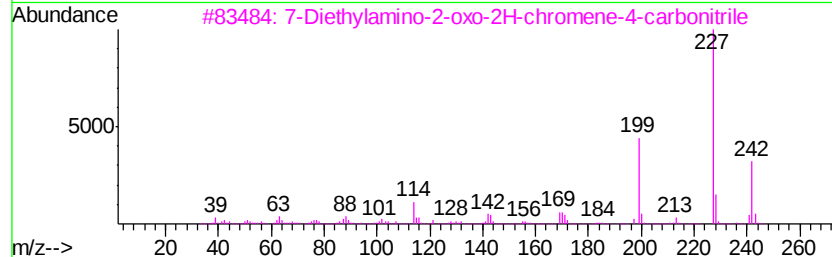
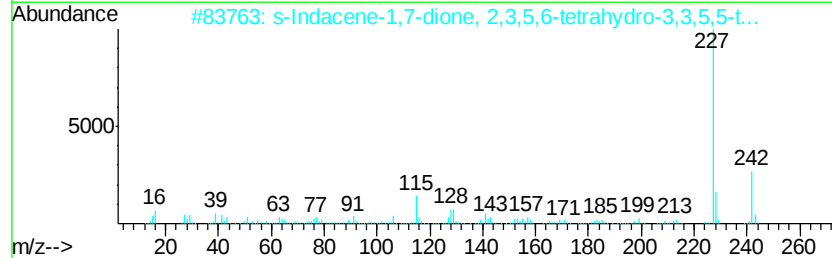
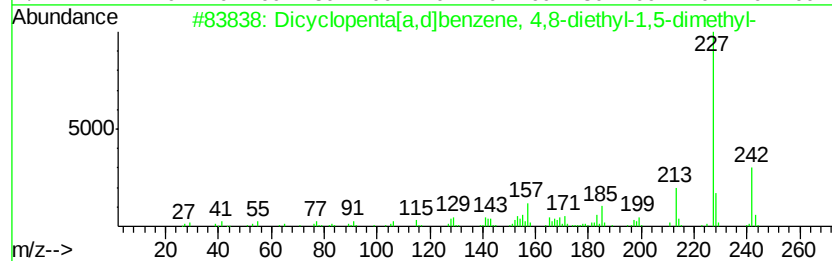
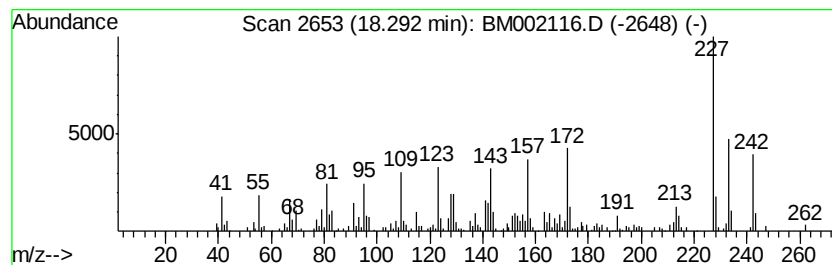
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.29	6.39 ng/ul	290570	Phenanthrene-d10	17.02	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dicvclopenta[a,d]benzene, 4,8-di...	242	C18H26	1000156-41-6	38
2	s-Indacene-1,7-dione, 2,3,5,6-te...	242	C16H18O2	055591-17-8	38
3	7-Diethylamino-2-oxo-2H-chromene...	242	C14H14N2O2	332411-59-3	27
4	10,18-Bisnorabieta-8,11,13-triene	242	C18H26	032624-67-2	25
5	5H-Indeno[2,1-E]1,2,4triazin-5-o...	227	C10H9N7	1000271-75-1	25



Data Path : Z:\HPCHEM1\BNA M\DATA\BM072815\
Data File : BM002116.D
Acq On : 29 Jul 2015 05:17
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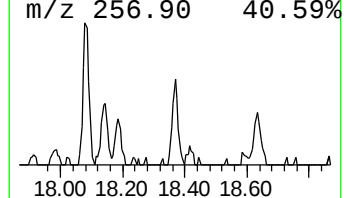
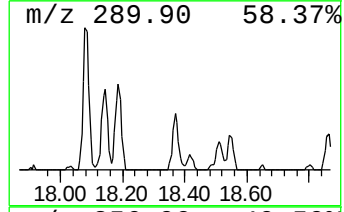
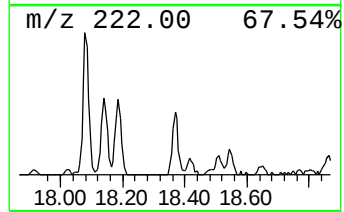
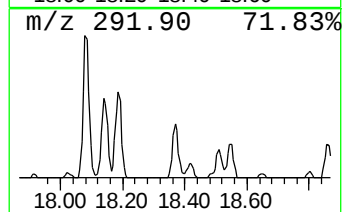
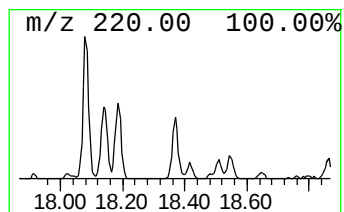
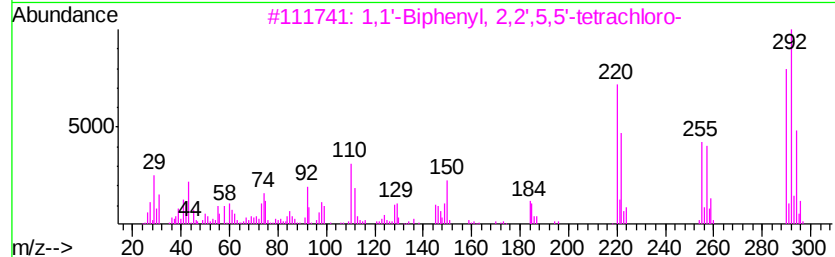
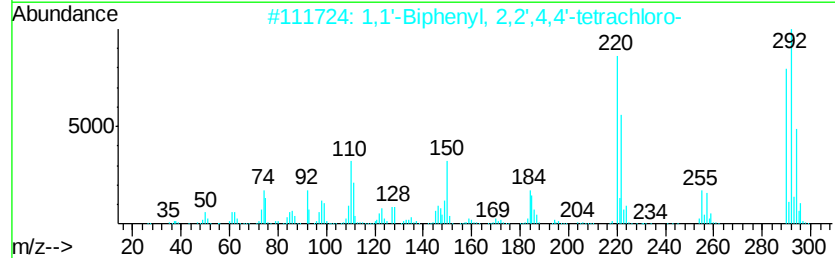
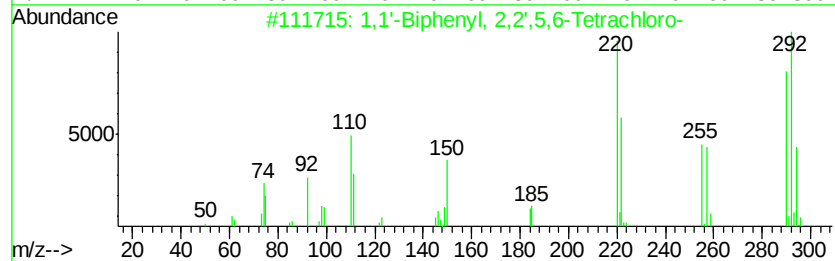
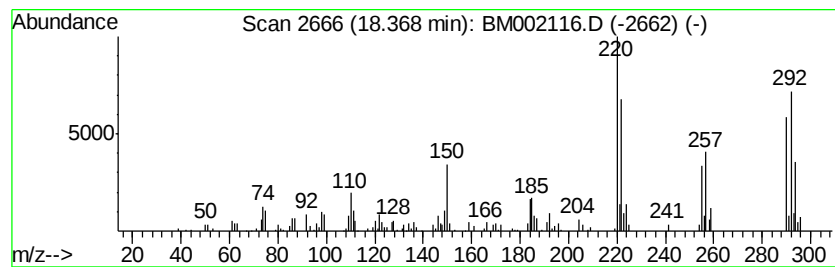
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 1,1'-Biphenyl, 2,2',5,6-Tet... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.37	2.71 ng/ul	123270	Phenanthrene-d10	17.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,2',5,6-Tetrachl...	290	C12H6Cl4	041464-41-9	99
2		1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
3		1,1'-Biphenyl, 2,2',5,5'-tetrach...	290	C12H6Cl4	035693-99-3	99
4		1,1'-Biphenyl, 2,2',5,6-Tetrachl...	290	C12H6Cl4	041464-41-9	99
5		1,1'-Biphenyl, 2,2',4,6-Tetrachl...	290	C12H6Cl4	062796-65-0	99



Data Path : Z:\HPCHEM1\BNA M\DATA\BM072815\
Data File : BM002116.D
Acq On : 29 Jul 2015 05:17
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Sample : G3030-13
Misc :
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ClientSampleId :
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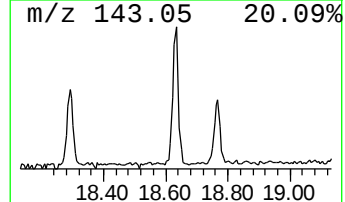
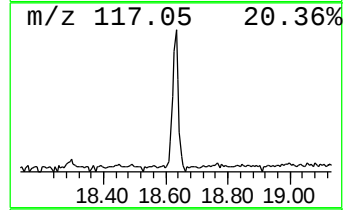
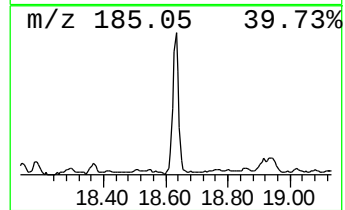
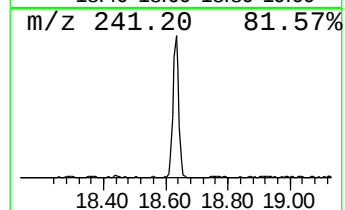
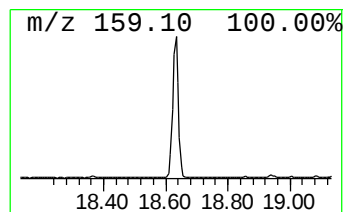
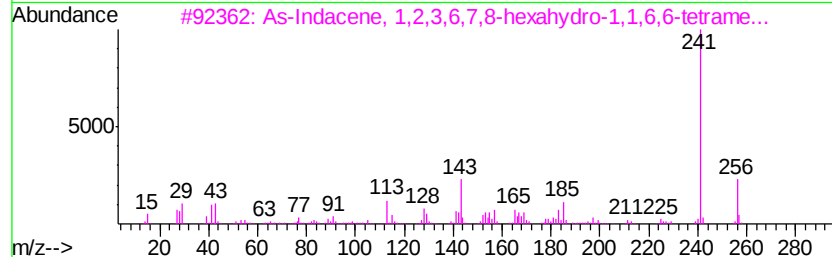
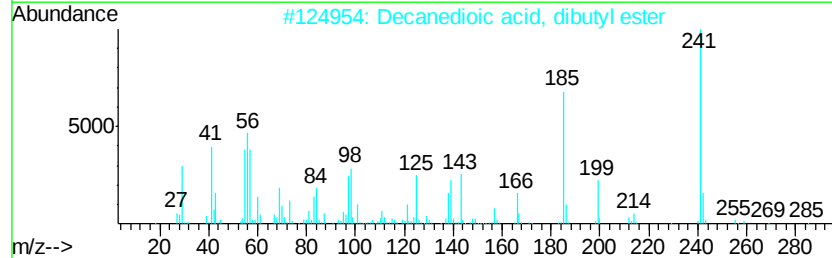
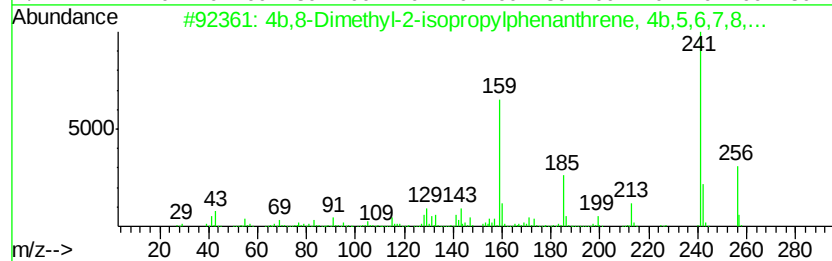
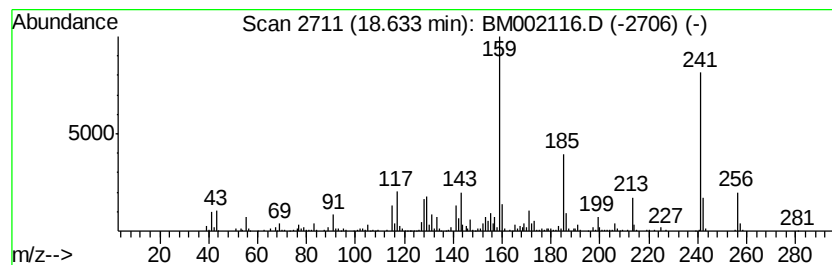
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 4b,8-Dimethyl-2-isopropylph... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.63	10.84 ng/ul	492802	Phenanthrene-d10	17.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	97
2		Decanedioic acid, dibutyl ester	314	C18H34O4	000109-43-3	37
3		As-Indacene, 1,2,3,6,7,8-hexahyd...	256	C19H28	017465-47-3	35
4		Uracil, 5-(p-cyanophenyl)-1,3-di...	241	C13H11N3O2	1000164-78-4	30
5		Naphthalene, 6-ethyl-1,2,3,4-tet...	256	C19H28	301643-35-6	27



Data Path : Z:\HPCHEM1\BNA M\DATA\BM072815\
Data File : BM002116.D
Acq On : 29 Jul 2015 05:17
Operator : TP/UM
Sample : G3030-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C02E7

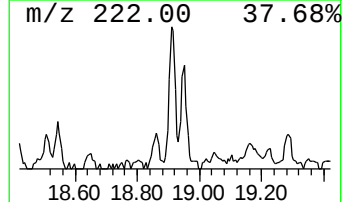
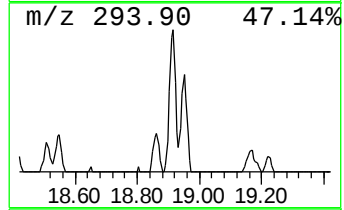
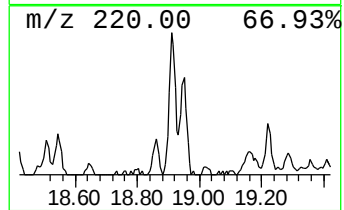
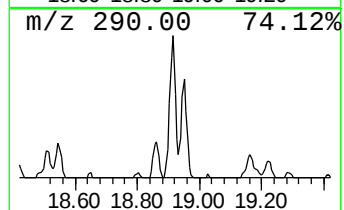
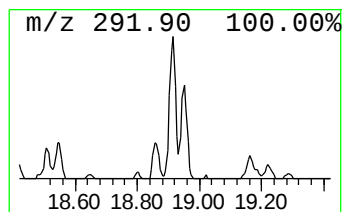
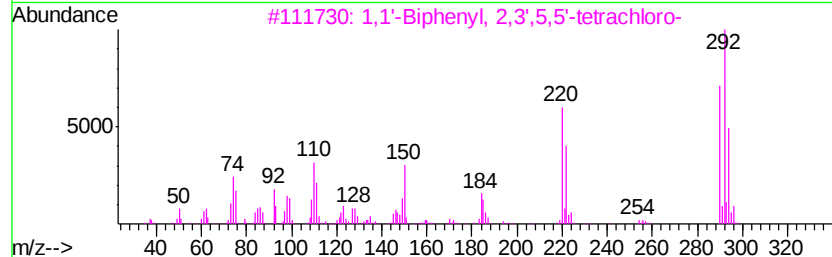
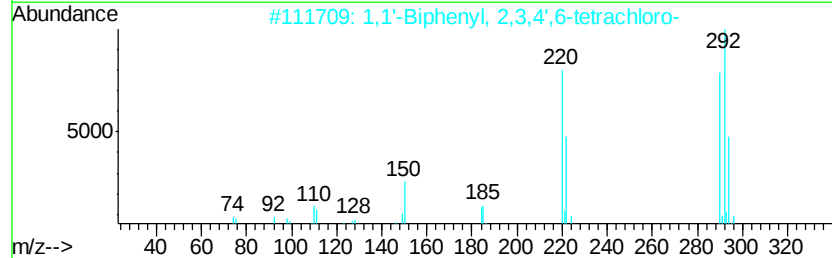
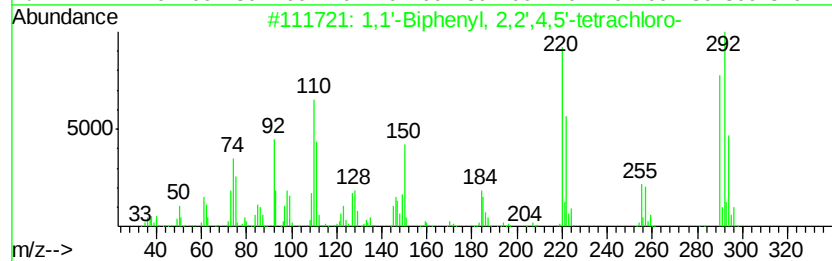
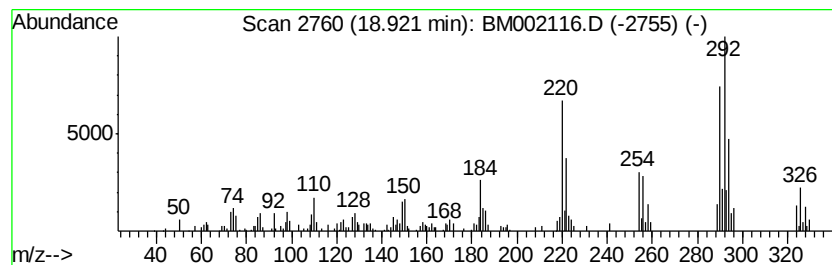
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 1,1'-Biphenyl, 2,2',4,5'-te... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.92	3.27 ng/ul	148521	Phenanthrene-d10	17.02

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,1'-Biphenyl, 2,2',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	99
2			1,1'-Biphenyl, 2,3,4',6-tetrachl...	290	C12H6Cl4	052663-58-8	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',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99



Data Path : Z:\HPCHEM1\BNA M\DATA\BM072815\
Data File : BM002116.D
Acq On : 29 Jul 2015 05:17
Operator : TP/UM
Sample : G3030-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C02E7

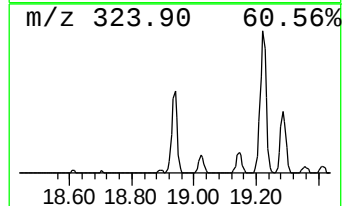
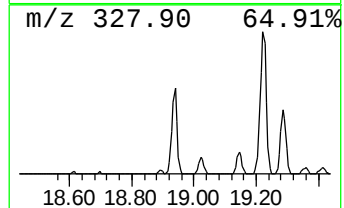
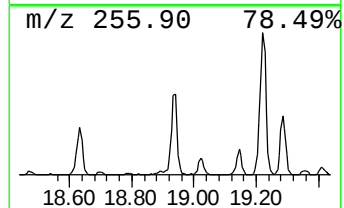
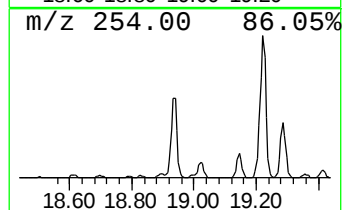
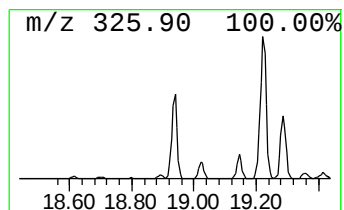
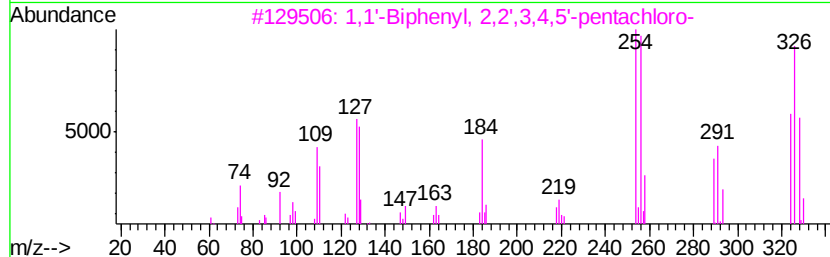
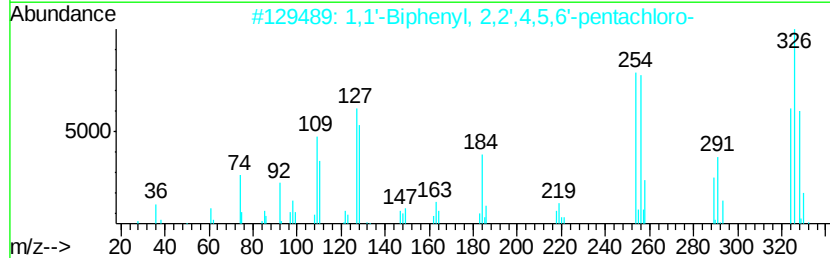
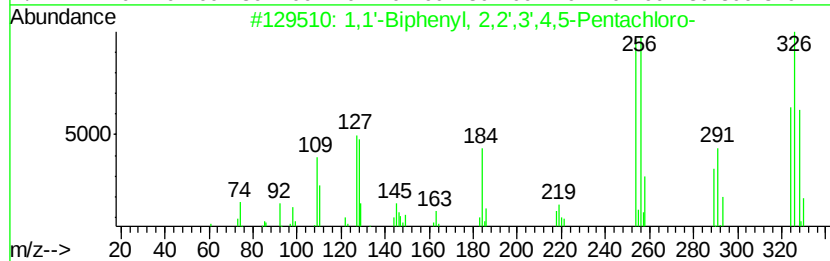
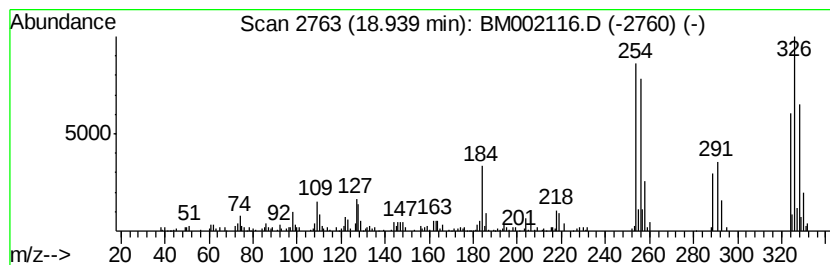
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 1,1'-Biphenyl, 2,2',3',4,5-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.94	9.38 ng/ul	426420	Phenanthrene-d10	17.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,2',3',4,5-Penta...	324	C12H5Cl5	041464-51-1	99
2		1,1'-Biphenyl, 2,2',4,5,6'-penta...	324	C12H5Cl5	068194-06-9	99
3		1,1'-Biphenyl, 2,2',3,4,5'-penta...	324	C12H5Cl5	038380-02-8	99
4		1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	99
5		1,1'-Biphenyl, 2,2',3,5',6-penta...	324	C12H5Cl5	038379-99-6	98



Data Path : Z:\HPCHEM1\BNA M\DATA\BM072815\
Data File : BM002116.D
Acq On : 29 Jul 2015 05:17
Operator : TP/UM
Sample : G3030-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C02E7

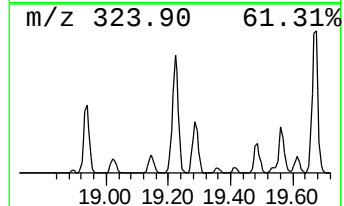
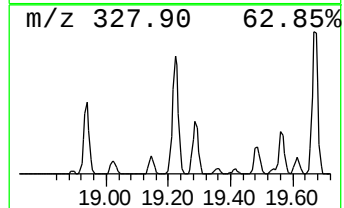
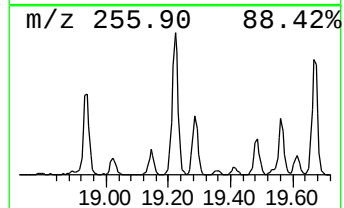
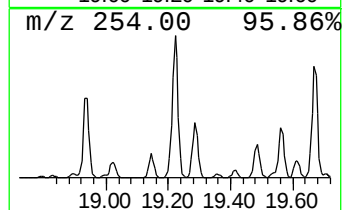
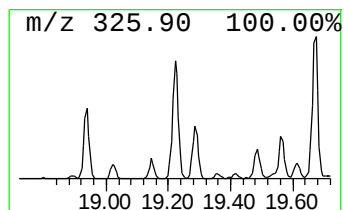
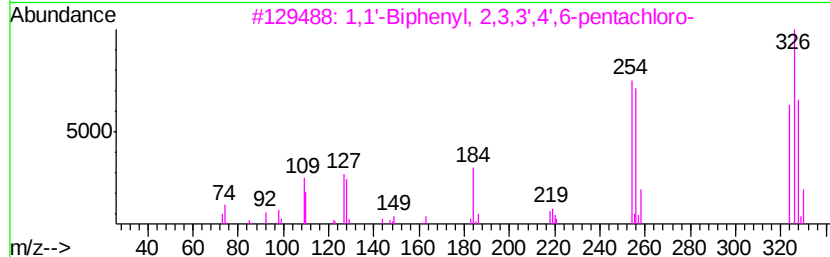
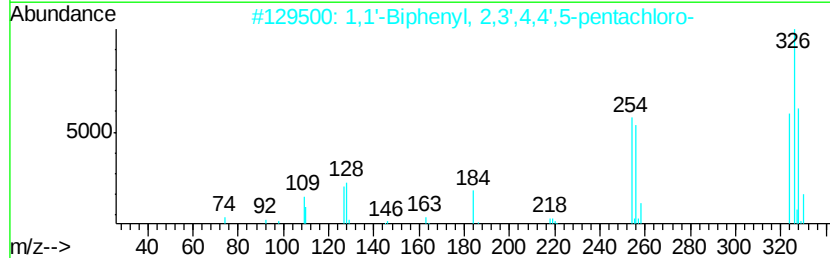
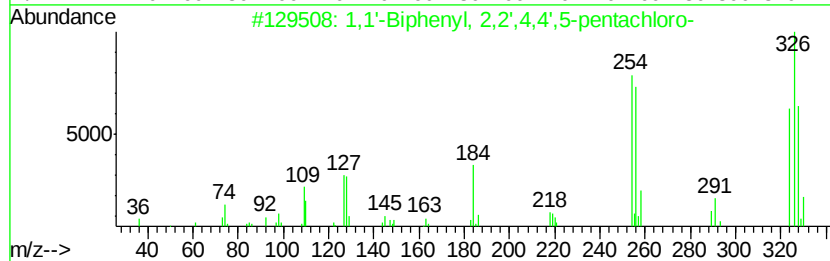
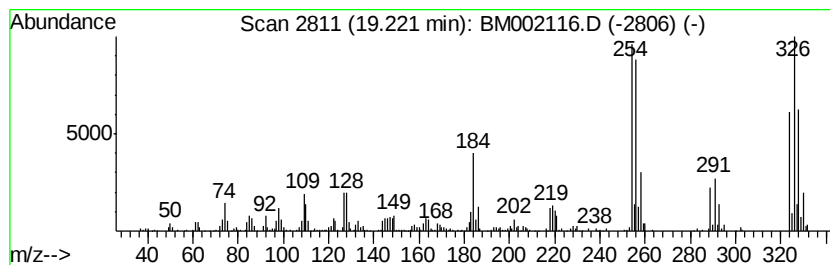
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 1,1'-Biphenyl, 2,2',4,4',5-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.22	5.91 ng/ul	575017	Chrysene-d12	21.21

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',4,4',5-penta...	324	C12H5Cl5	031508-00-6	99
3		1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
4		1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	99
5		1,1'-Biphenyl, 2,2',3,5,5'-penta...	324	C12H5Cl5	052663-61-3	95



Data Path : Z:\HPCHEM1\BNA M\DATA\BM072815\
Data File : BM002116.D
Acq On : 29 Jul 2015 05:17
Operator : TP/UM
Sample : G3030-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C02E7

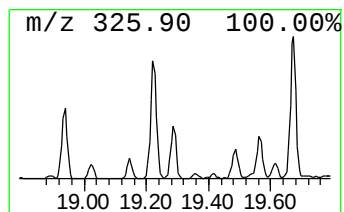
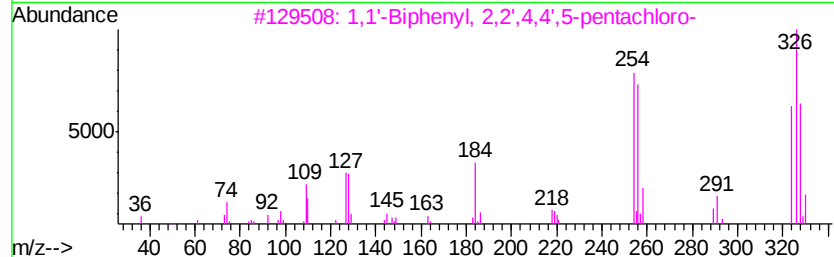
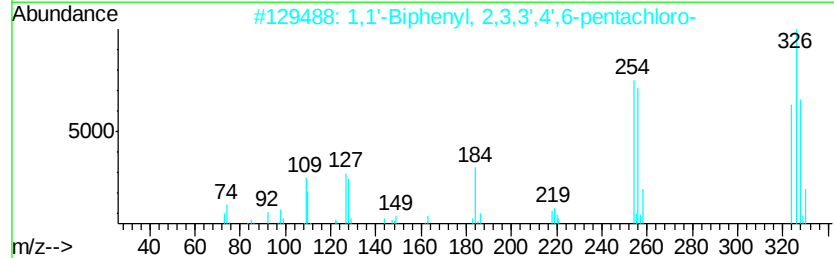
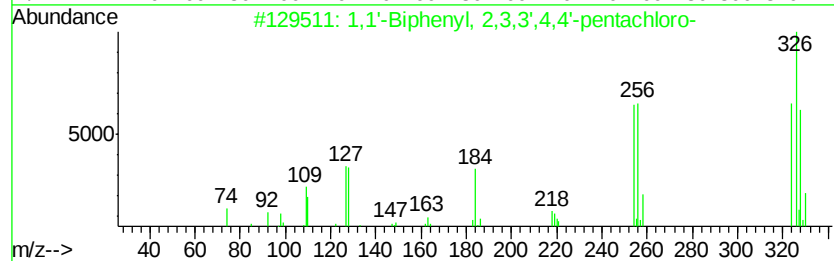
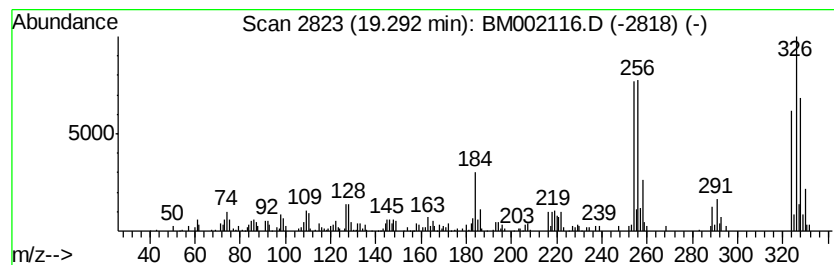
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 1,1'-Biphenyl, 2,3,3',4,4'-... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.29	2.30 ng/ul	224095	Chrysene-d12	21.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	99
2		1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
3		1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	99
4		1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	98
5		1,1'-Biphenyl, 2,2',4,5,5'-penta...	324	C12H5Cl5	037680-73-2	96



Data Path : Z:\HPCHEM1\BNA M\DATA\BM072815\
Data File : BM002116.D
Acq On : 29 Jul 2015 05:17
Operator : TP/UM
Sample : G3030-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C02E7

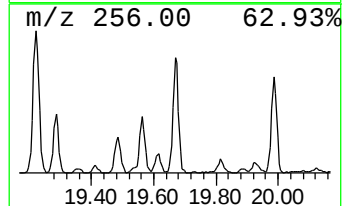
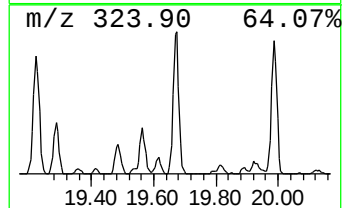
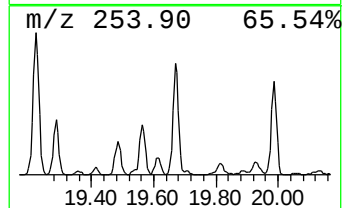
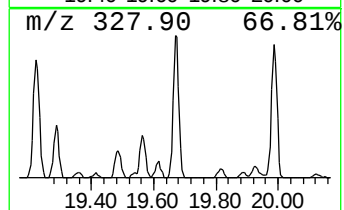
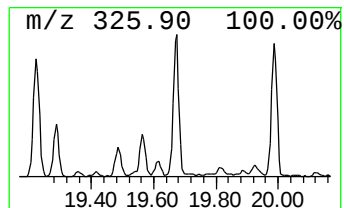
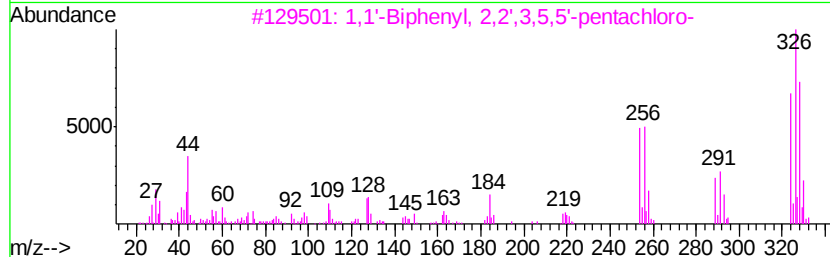
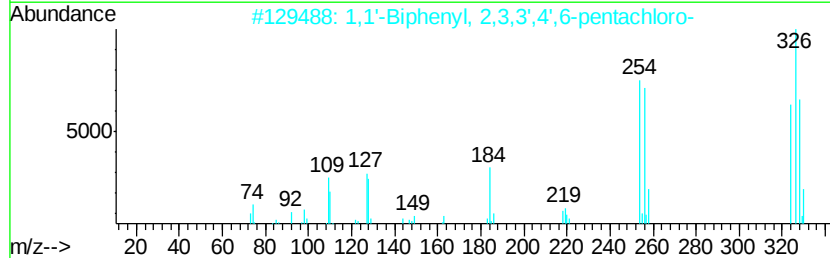
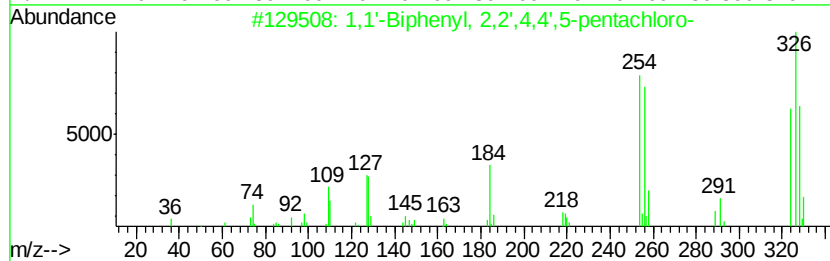
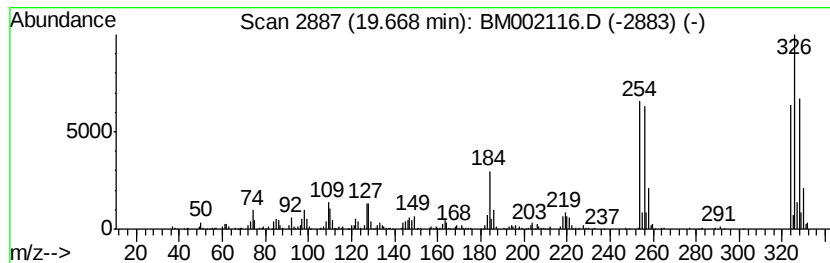
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 1,1'-Biphenyl, 2,3,3',4',6-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.67	5.64 ng/ul	548955	Chrysene-d12	21.21

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',6-penta...	324	C12H5Cl5	038380-03-9	99	
3	1,1'	-Biphenyl, 2,2',3,5,5'-penta...	324	C12H5Cl5	052663-61-3	97	
4	1,1'	-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	97	
5	1,1'	-Biphenyl, 2,2',3,4,5'-penta...	324	C12H5Cl5	038380-02-8	96	



Data Path : Z:\HPCHEM1\BNA M\DATA\BM072815\
Data File : BM002116.D
Acq On : 29 Jul 2015 05:17
Operator : TP/UM
Sample : G3030-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C02E7

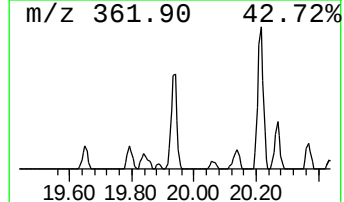
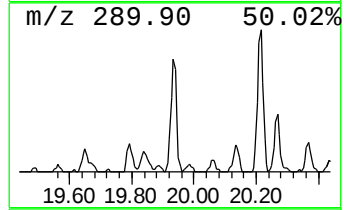
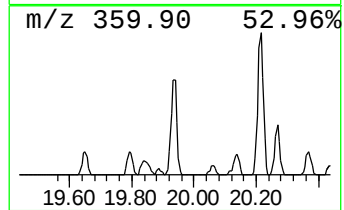
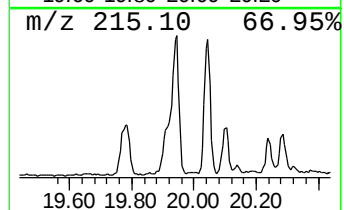
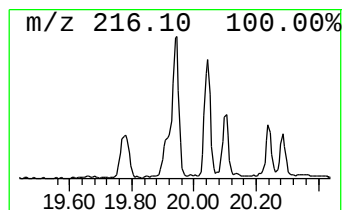
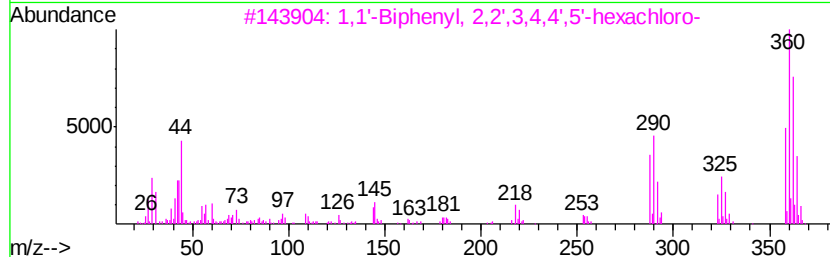
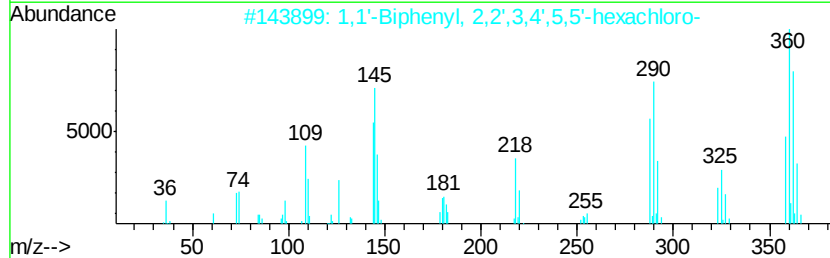
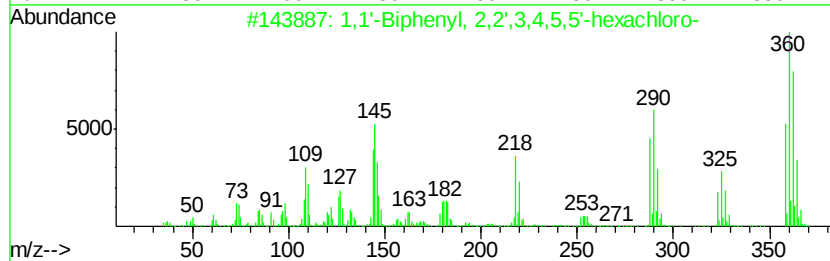
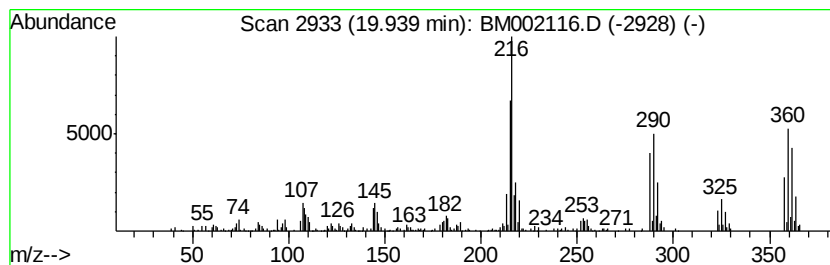
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 1,1'-Biphenyl, 2,2',3,4,5,5... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.94	3.86 ng/ul	375876	Chrysene-d12	21.21

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	97
2		1,1'-Biphenyl, 2,2',3,4',5,5'-he...	358	C12H4Cl6	051908-16-8	96
3		1,1'-Biphenyl, 2,2',3,4,4',5'-he...	358	C12H4Cl6	035065-28-2	96
4		1,1'-Biphenyl, 2,3,3',4,4',5-hex...	358	C12H4Cl6	038380-08-4	95
5		1,1'-Biphenyl, 2,2',4,4',5',6-He...	358	C12H4Cl6	060145-22-4	93



Data Path : Z:\HPCHEM1\BNA M\DATA\BM072815\
Data File : BM002116.D
Acq On : 29 Jul 2015 05:17
Operator : TP/UM
Sample : G3030-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C02E7

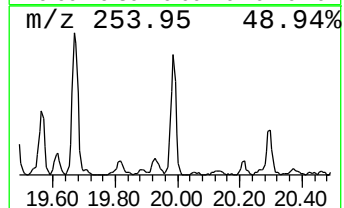
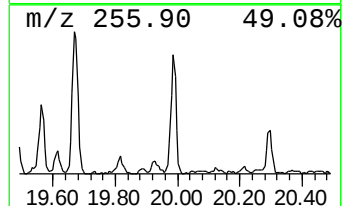
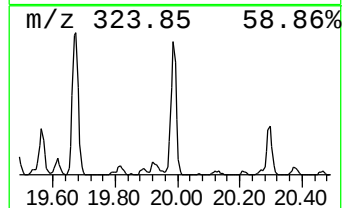
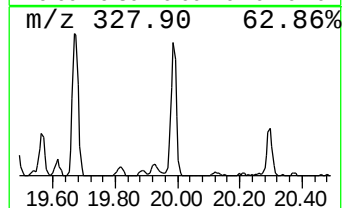
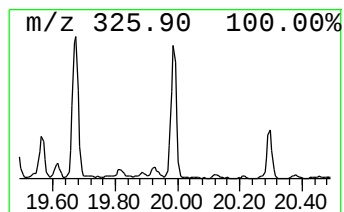
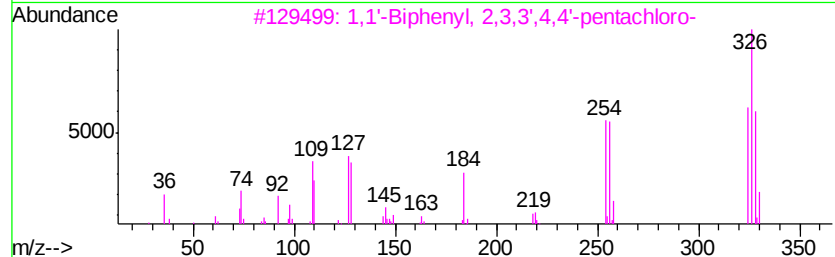
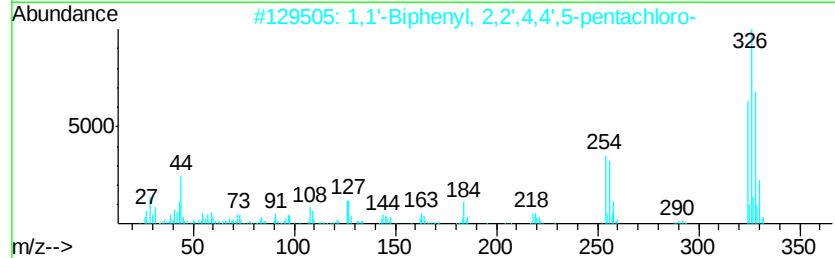
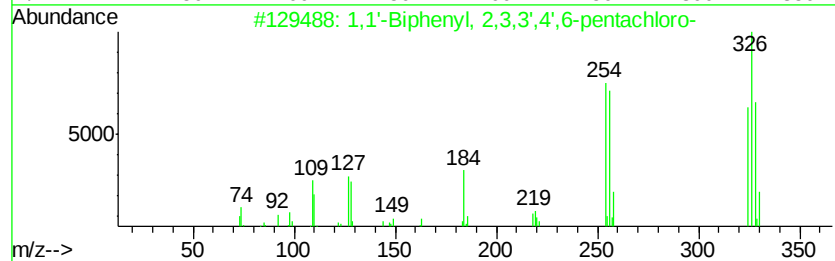
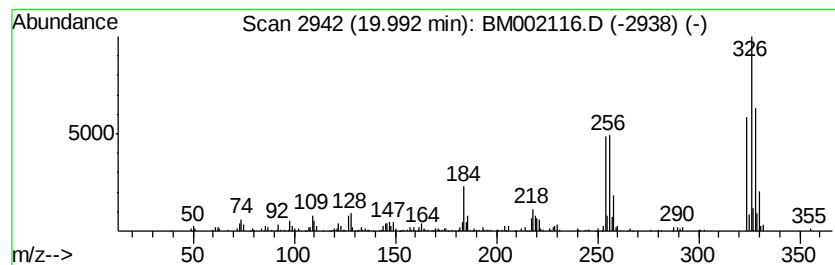
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.99	3.78 ng/ul	368317	Chrysene-d12	21.21

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	97	
3	1,1'	-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	96	
4	1,1'	-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	96	
5	1,1'	-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	96	



Data Path : Z:\HPCHEM1\BNA M\DATA\BM072815\
Data File : BM002116.D
Acq On : 29 Jul 2015 05:17
Operator : TP/UM
Sample : G3030-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C02E7

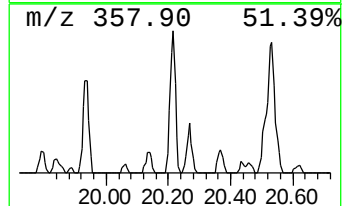
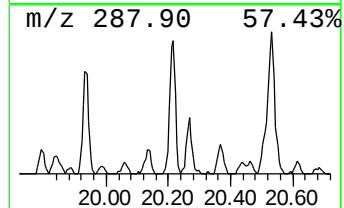
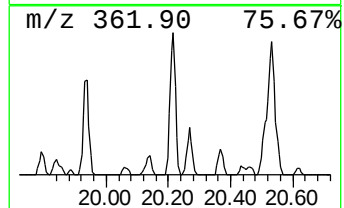
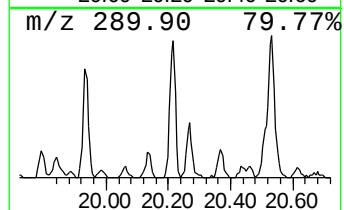
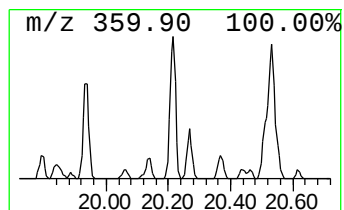
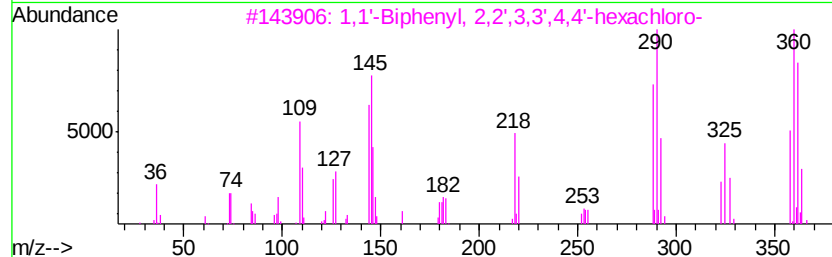
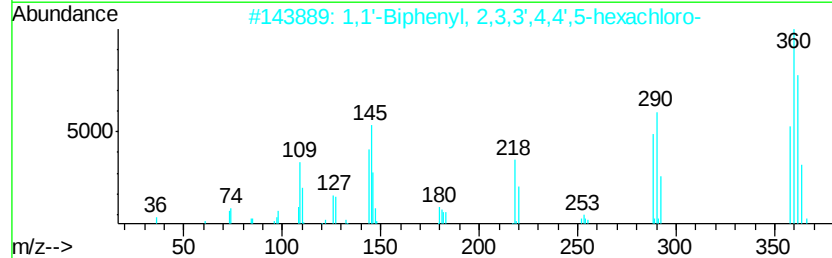
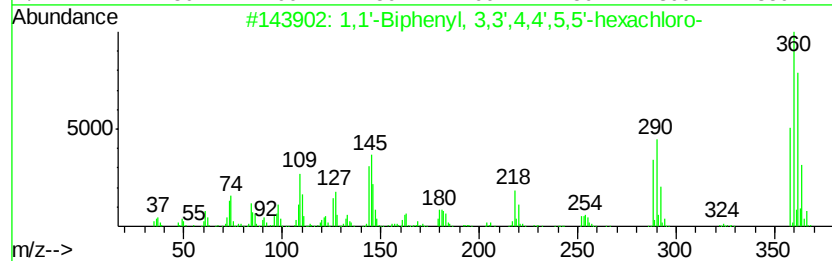
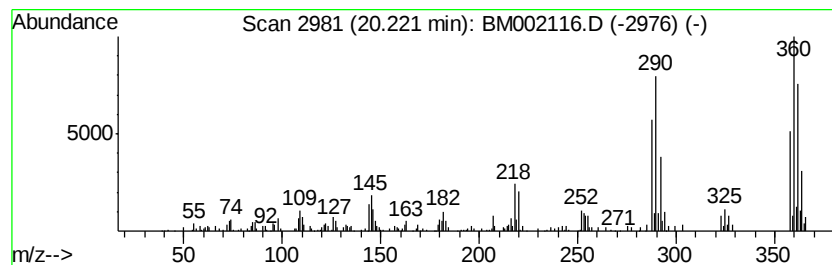
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 1,1'-Biphenyl, 3,3',4,4',5,... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.22	3.06 ng/ul	297909	Chrysene-d12	21.21

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, 2,3,3',4,4',5-hex...	358	C12H4Cl6	038380-08-4	99
3		1,1'-Biphenyl, 2,2',3,3',4,4'-he...	358	C12H4Cl6	038380-07-3	97
4		1,1'-Biphenyl, 2,2',3,4',5',6-he...	358	C12H4Cl6	038380-04-0	96
5		1,1'-Biphenyl, 2,2',3,3',4,4'-he...	358	C12H4Cl6	038380-07-3	95



Data Path : Z:\HPCHEM1\BNA M\DATA\BM072815\
Data File : BM002116.D
Acq On : 29 Jul 2015 05:17
Operator : TP/UM
Sample : G3030-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C02E7

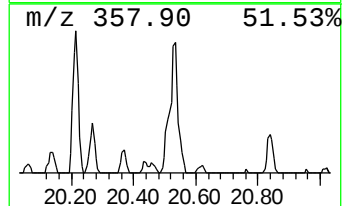
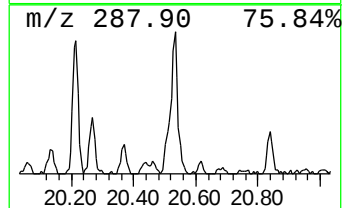
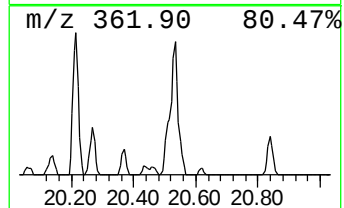
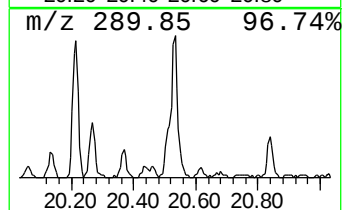
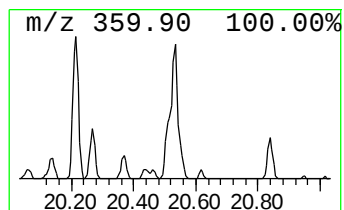
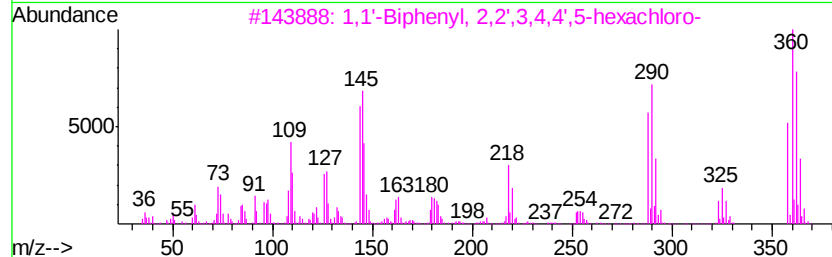
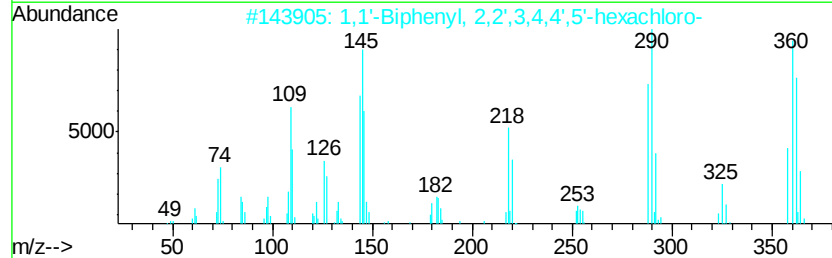
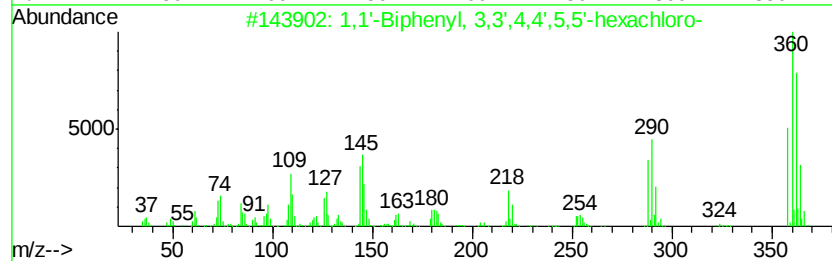
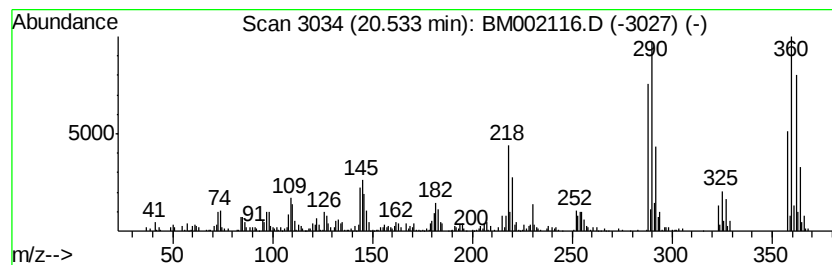
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Quant Title : SVOA CALIBRATION

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

Peak Number 19 1,1'-Biphenyl, 2,2',3,4,4',... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.53	5.02 ng/ul	488266	Chrysene-d12	21.21

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',3,4,4',5'-he...	358	C12H4Cl6	035065-28-2	99
3		1,1'-Biphenyl, 2,2',3,4,4',5-hex...	358	C12H4Cl6	035694-06-5	99
4		1,1'-Biphenyl, 2,2',3,4,4',6-Hex...	358	C12H4Cl6	056030-56-9	98
5		1,1'-Biphenyl, 2,2',3,4,4',5'-he...	358	C12H4Cl6	035065-28-2	97



Data Path : Z:\HPCHEM1\BNA M\DATA\BM072815\
Data File : BM002116.D
Acq On : 29 Jul 2015 05:17
Operator : TP/UM
Sample : G3030-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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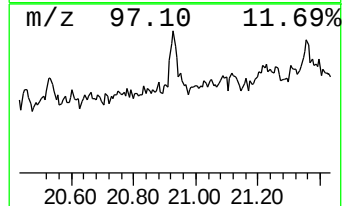
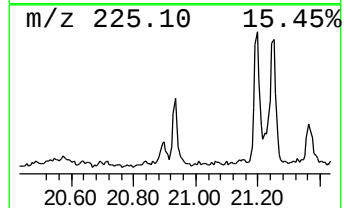
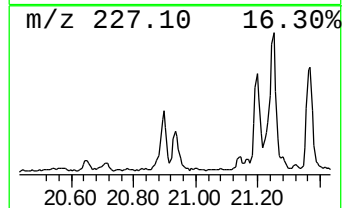
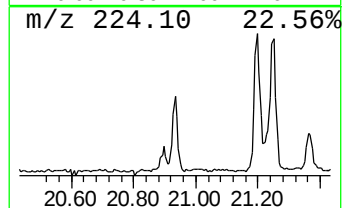
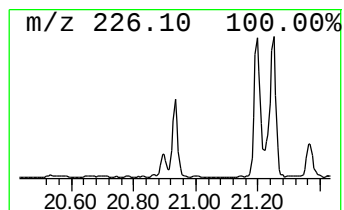
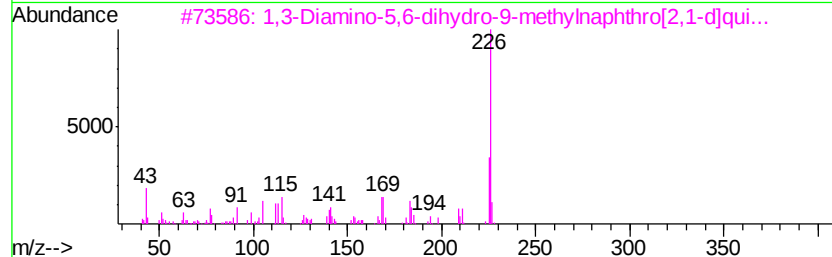
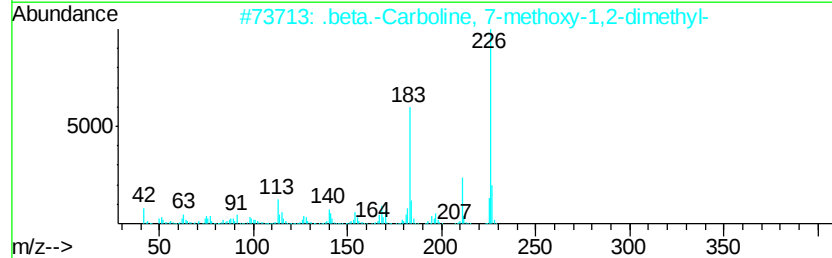
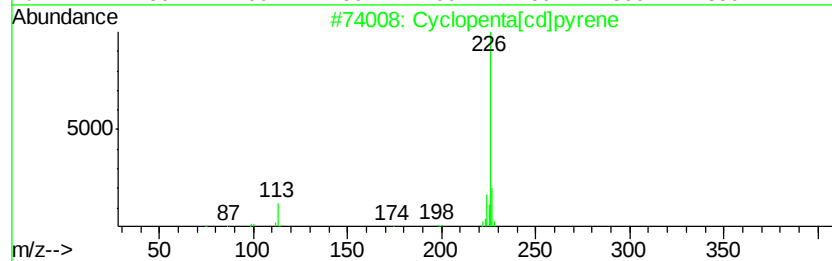
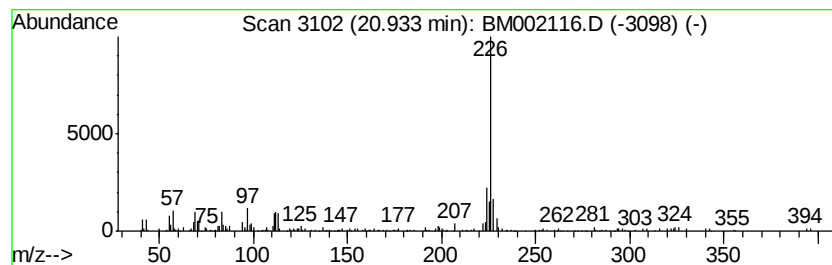
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Quant Title : SVOA CALIBRATION

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

Peak Number 20 unknown-02 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.93	2.67 ng/ul	259786	Chrysene-d12	21.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	46
2		.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	43
3		1,3-Diamino-5,6-dihydro-9-methyl...	226	C13H14N4	037436-39-8	43
4		N-(2-Methyl-5-oxo-5H-chromeno[3,...	282	C16H14N2O3	1000295-08-0	38
5		9H-Thioxanthen-9-one, 2-methyl-	226	C14H10OS	015774-82-0	37



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072815\
 Data File : BM002116.D
 Acq On : 29 Jul 2015 05:17
 Operator : TP/UM
 Sample : G3030-13
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.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
2,6-Octadien-1-ol...	12.80	4.3	ng/ul	159311	3	14.26	734874	20.0
(DEL) Alkane: Str...	16.00	2.3	ng/ul	103488	4	17.02	908883	20.0
1,1'-Biphenyl, 2,...	17.62	2.1	ng/ul	97076	4	17.02	908883	20.0
n-Hexadecanoic acid	17.91	2.7	ng/ul	122613	4	17.02	908883	20.0
1,1'-Biphenyl, 2,...	18.08	9.8	ng/ul	445592	4	17.02	908883	20.0
1,1'-Biphenyl, 2,...	18.14	3.3	ng/ul	151309	4	17.02	908883	20.0
1,1'-Biphenyl, 2,...	18.19	3.3	ng/ul	150091	4	17.02	908883	20.0
unknown-01	18.29	6.4	ng/ul	290570	4	17.02	908883	20.0
1,1'-Biphenyl, 2,...	18.37	2.7	ng/ul	123270	4	17.02	908883	20.0
4b,8-Dimethyl-2-i...	18.63	10.8	ng/ul	492802	4	17.02	908883	20.0
1,1'-Biphenyl, 2,...	18.92	3.3	ng/ul	148521	4	17.02	908883	20.0
1,1'-Biphenyl, 2,...	18.94	9.4	ng/ul	426420	4	17.02	908883	20.0
1,1'-Biphenyl, 2,...	19.22	5.9	ng/ul	575017	5	21.21	1946830	20.0
1,1'-Biphenyl, 2,...	19.29	2.3	ng/ul	224095	5	21.21	1946830	20.0
1,1'-Biphenyl, 2,...	19.67	5.6	ng/ul	548955	5	21.21	1946830	20.0
1,1'-Biphenyl, 2,...	19.94	3.9	ng/ul	375876	5	21.21	1946830	20.0
1,1'-Biphenyl, 2,...	19.99	3.8	ng/ul	368317	5	21.21	1946830	20.0
1,1'-Biphenyl, 3,...	20.22	3.1	ng/ul	297909	5	21.21	1946830	20.0
1,1'-Biphenyl, 2,...	20.53	5.0	ng/ul	488266	5	21.21	1946830	20.0
unknown-02	20.93	2.7	ng/ul	259786	5	21.21	1946830	20.0