

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080215\
 Data File : BG018228.D
 Acq On : 2 Aug 2015 16:25
 Operator : TP
 Sample : G3065-22RE
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C02G7RE

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_G\METHODS\SOM02.2-EPA-BG073115.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	3.305	100	105	113	rVV	68517	91901	2.70%	0.228%
2	3.481	131	135	142	rVB2	32069	44821	1.32%	0.111%
3	3.693	167	171	178	rBV	22829	30462	0.90%	0.076%
4	5.132	410	416	426	rBV3	22563	48720	1.43%	0.121%
5	5.479	469	475	486	rBV2	38944	78682	2.32%	0.195%
6	6.161	585	591	601	rVB2	28946	52540	1.55%	0.130%
7	6.466	636	643	648	rBV5	13413	25928	0.76%	0.064%
8	6.566	652	660	665	rVV3	14716	34649	1.02%	0.086%
9	6.631	665	671	675	rVV5	16244	30035	0.88%	0.074%
10	6.689	675	681	691	rVV	334434	553076	16.28%	1.371%
11	6.783	691	697	700	rVV3	31034	50177	1.48%	0.124%
12	6.825	700	704	714	rVV	239454	376470	11.08%	0.933%
13	6.913	714	719	724	rVB5	16834	26554	0.78%	0.066%
14	7.024	732	738	747	rVB	360684	561605	16.53%	1.392%
15	7.130	752	756	762	rVB	18099	27684	0.81%	0.069%
16	7.483	807	816	823	rBV	602062	935093	27.52%	2.318%
17	8.217	934	941	948	rBV	350108	549248	16.17%	1.362%
18	8.299	948	955	961	rVB4	27179	61960	1.82%	0.154%
19	8.640	1006	1013	1020	rVV	344258	548753	16.15%	1.360%
20	8.810	1036	1042	1048	rBV8	11453	24527	0.72%	0.061%
21	9.051	1077	1083	1088	rBV5	15169	26754	0.79%	0.066%
22	9.357	1128	1135	1141	rBV	309826	513133	15.10%	1.272%
23	9.580	1167	1173	1178	rVB5	26967	58499	1.72%	0.145%
24	9.745	1194	1201	1205	rVV8	8655	22581	0.66%	0.056%
25	9.909	1219	1229	1236	rVB	491687	803053	23.64%	1.991%
26	10.268	1282	1290	1295	rVV	860216	1434545	42.22%	3.556%
27	10.315	1295	1298	1305	rVV	107656	178290	5.25%	0.442%
28	10.373	1305	1308	1310	rVV2	15418	22485	0.66%	0.056%
29	10.414	1310	1315	1326	rVV	97763	199449	5.87%	0.494%
30	10.573	1335	1342	1348	rVB6	16004	28854	0.85%	0.072%
31	11.020	1411	1418	1421	rBV4	12010	20705	0.61%	0.051%
32	11.102	1427	1432	1435	rBV6	13337	22783	0.67%	0.056%
33	11.948	1570	1576	1583	rVB	52674	87752	2.58%	0.218%
34	12.171	1608	1614	1619	rBV2	34204	56520	1.66%	0.140%

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Integration Parameters: LSCINT.P

Integrator: RTE
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Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
 Title : SVOA CALIBRATION

35	12.706	1698	1705	1710	rBV	51533	81702	2.40%	0.203%
36	12.917	1735	1741	1746	rVV9	18131	35606	1.05%	0.088%
37	12.982	1746	1752	1759	rVV	29812	53789	1.58%	0.133%
38	13.182	1781	1786	1789	rBV3	16527	26973	0.79%	0.067%
39	13.311	1801	1808	1810	rBV6	17397	26425	0.78%	0.066%
40	13.476	1831	1836	1842	rBV3	34629	60241	1.77%	0.149%
41	13.534	1842	1846	1848	rVV2	17160	22408	0.66%	0.056%
42	13.581	1848	1854	1858	rVV	752839	1091528	32.13%	2.706%
43	13.628	1858	1862	1870	rVV	387410	516875	15.21%	1.281%
44	13.717	1871	1877	1880	rVV6	15482	32508	0.96%	0.081%
45	13.852	1891	1900	1906	rBV	783806	1185475	34.89%	2.939%
46	14.057	1928	1935	1941	rBV4	46242	86735	2.55%	0.215%
47	14.163	1947	1953	1959	rBV2	1123946	1778440	52.35%	4.409%
48	14.228	1959	1964	1972	rVV	303898	434576	12.79%	1.077%
49	14.416	1991	1996	2002	rBV	195058	293416	8.64%	0.727%
50	14.480	2002	2007	2011	rVB4	20614	31346	0.92%	0.078%
51	14.563	2014	2021	2028	rBV	127148	247729	7.29%	0.614%
52	15.038	2098	2102	2108	rVB6	22930	36356	1.07%	0.090%
53	15.168	2117	2124	2129	rBV	835070	1197113	35.24%	2.968%
54	15.221	2129	2133	2138	rVB	215688	283855	8.35%	0.704%
55	15.338	2146	2153	2157	rBV4	60143	107133	3.15%	0.266%
56	15.379	2157	2160	2165	rBV3	21785	30001	0.88%	0.074%
57	15.438	2165	2170	2172	rBV6	18639	26209	0.77%	0.065%
58	15.514	2180	2183	2191	rVB	43727	64035	1.88%	0.159%
59	15.579	2191	2194	2197	rBV5	13705	23730	0.70%	0.059%
60	15.667	2204	2209	2217	rBV5	45461	108285	3.19%	0.268%
61	15.896	2244	2248	2260	rVB8	53687	120814	3.56%	0.299%
62	16.443	2336	2341	2346	rBV5	93132	157694	4.64%	0.391%
63	16.578	2361	2364	2368	rVB	44374	52833	1.56%	0.131%
64	16.695	2381	2384	2387	rVB3	64694	75365	2.22%	0.187%
65	16.736	2388	2391	2396	rVB	93373	124869	3.68%	0.310%
66	16.801	2399	2402	2406	rVB6	35519	42368	1.25%	0.105%
67	16.924	2417	2423	2427	rBV2	1023986	1563573	46.02%	3.876%
68	16.972	2427	2431	2435	rVV	1573078	2076715	61.12%	5.148%
69	17.024	2435	2440	2443	rVV	679972	962463	28.33%	2.386%
70	17.054	2443	2445	2450	rVV	355251	460098	13.54%	1.141%
71	17.107	2450	2454	2461	rVB3	98427	170391	5.02%	0.422%

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Integration Parameters: LSCINT.P

Integrator: RTE
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72	17.336	2489	2493	2497	rVB	133599	175328	5.16%	0.435%
73	17.530	2521	2526	2533	rVB	239172	376844	11.09%	0.934%
74	17.635	2542	2544	2550	rVB6	54705	87102	2.56%	0.216%
75	17.800	2565	2572	2575	rBV2	116619	255518	7.52%	0.633%
76	17.847	2575	2580	2585	rVB2	268137	457316	13.46%	1.134%
77	17.929	2592	2594	2598	rVB2	59963	74357	2.19%	0.184%
78	18.000	2600	2606	2609	rVV2	478391	679805	20.01%	1.685%
79	18.058	2613	2616	2620	rVV2	153502	184536	5.43%	0.457%
80	18.100	2620	2623	2629	rVV4	81867	127411	3.75%	0.316%
81	18.288	2651	2655	2658	rBV	189647	290992	8.56%	0.721%
82	18.429	2676	2679	2682	rBV2	61797	69410	2.04%	0.172%
83	18.464	2682	2685	2689	rVB	131374	157892	4.65%	0.391%
84	18.858	2745	2752	2759	rVB6	288543	640297	18.85%	1.587%
85	19.004	2771	2777	2783	rBV	1867158	2601592	76.57%	6.449%
86	19.145	2797	2801	2805	rVB2	435730	596066	17.54%	1.478%
87	19.210	2809	2812	2815	rBV2	151955	179378	5.28%	0.445%
88	19.339	2829	2834	2836	rBV2	1188278	1704249	50.16%	4.225%
89	19.369	2836	2839	2843	rVB	1508839	1850754	54.47%	4.588%
90	19.486	2856	2859	2863	rVB2	156965	174066	5.12%	0.431%
91	19.598	2874	2878	2884	rVB2	390750	541306	15.93%	1.342%
92	19.862	2919	2923	2928	rVB2	382388	548903	16.16%	1.361%
93	19.915	2929	2932	2936	rVB	221481	239731	7.06%	0.594%
94	19.962	2938	2940	2944	rVV	127659	138026	4.06%	0.342%
95	20.138	2967	2970	2973	rBV	241456	261341	7.69%	0.648%
96	20.274	2991	2993	2999	rVB	254945	297680	8.76%	0.738%
97	21.055	3124	3126	3129	rVB	359300	316877	9.33%	0.786%
98	21.137	3134	3140	3143	rVV2	1856132	3397495	100.00%	8.422%
99	21.172	3143	3146	3150	rVB	1139708	1372747	40.40%	3.403%
100	22.677	3398	3402	3406	rBV	620430	1225274	36.06%	3.037%

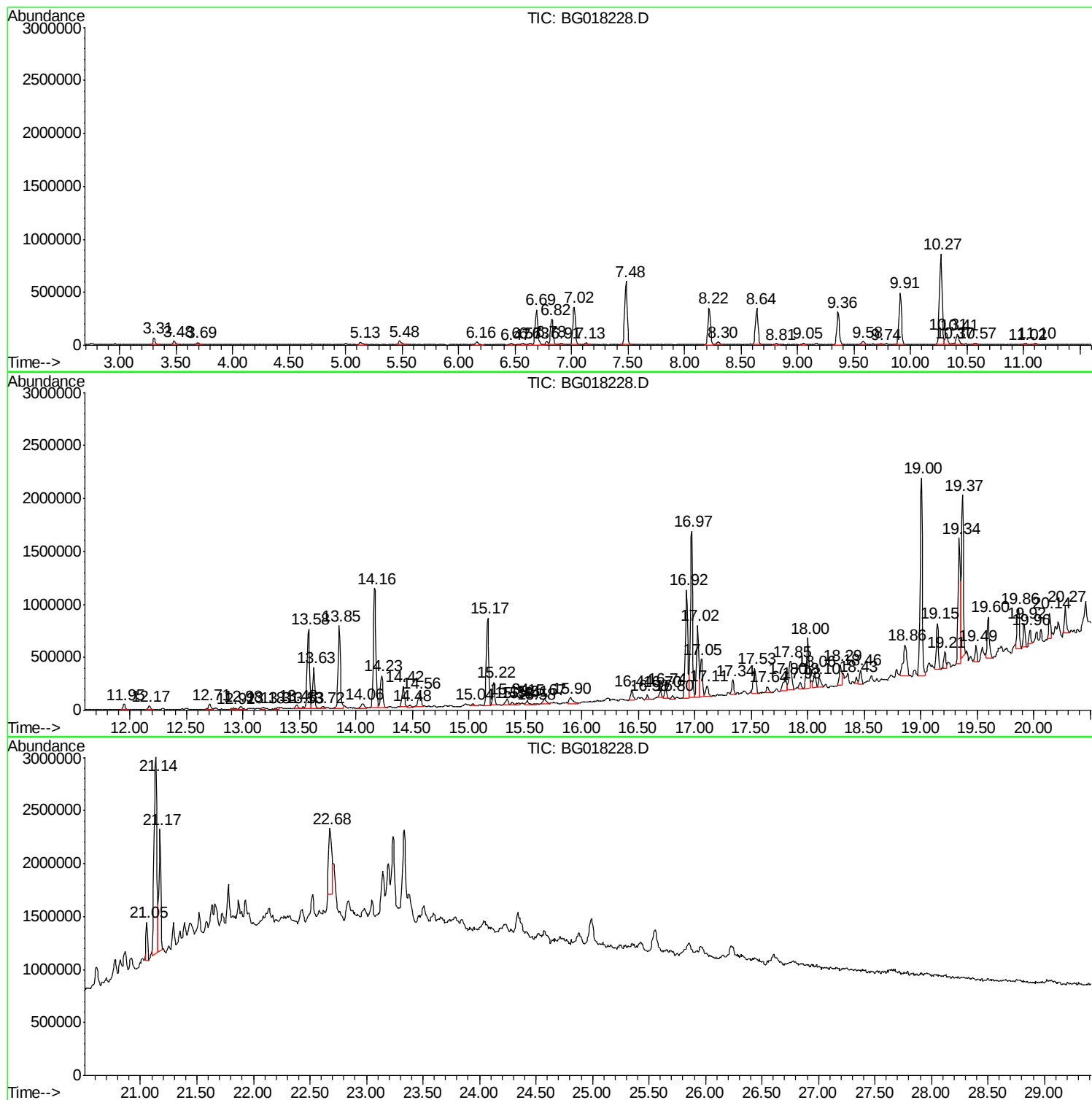
Sum of corrected areas: 40340253

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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

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



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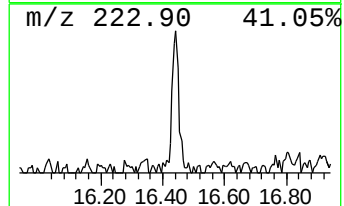
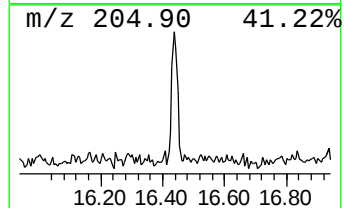
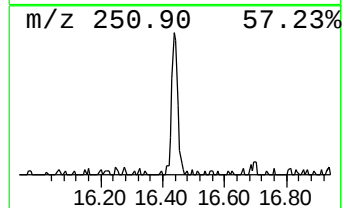
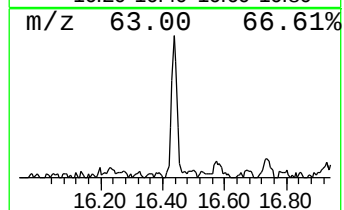
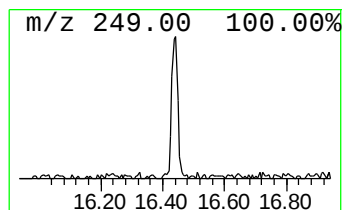
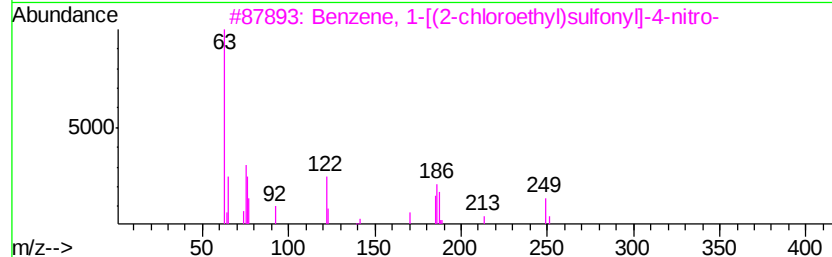
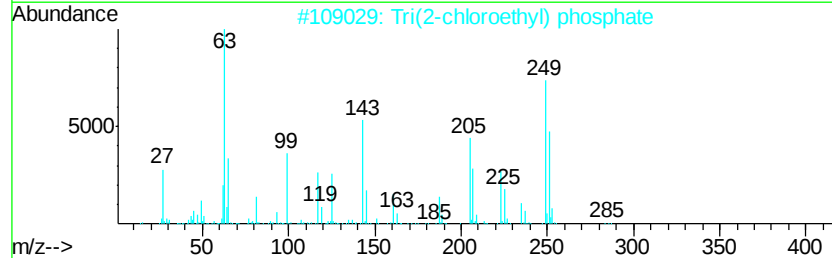
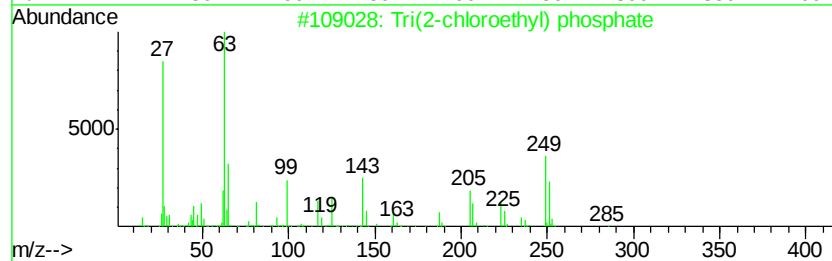
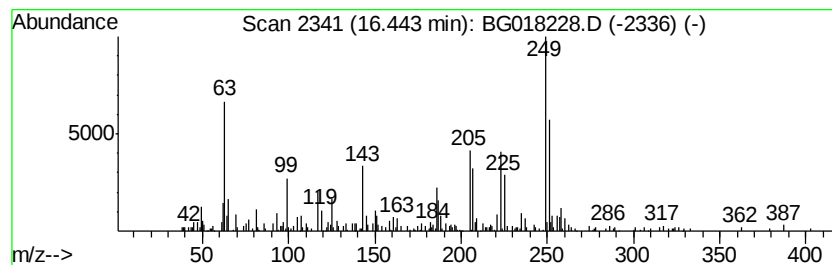
Instrument :
BNA_G
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Tri(2-chloroethyl) phosphate Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD		R.T.	
16.44	2.02 ng/ul	157694	Phenanthrene-d10		16.92	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tri(2-chloroethyl) phosphate	284	C6H12Cl3O4P	000115-96-8	83
2		Tri(2-chloroethyl) phosphate	284	C6H12Cl3O4P	000115-96-8	64
3		Benzene, 1-[(2-chloroethyl)sulfo...	249	C8H8ClN04S	006461-63-8	28
4		Ethanol, 2-chloro-, phosphite (3:1)	268	C6H12Cl3O3P	000140-08-9	25
5		N,N'-Bis(2-chloroethyl)oxamide	212	C6H10Cl2N2O2	016813-43-7	22



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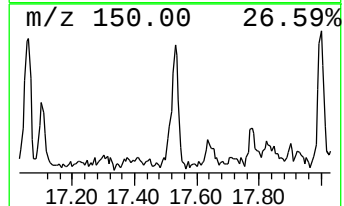
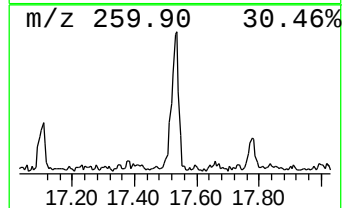
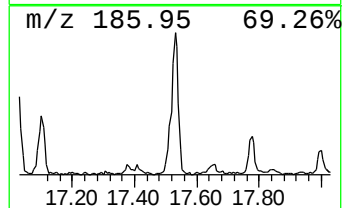
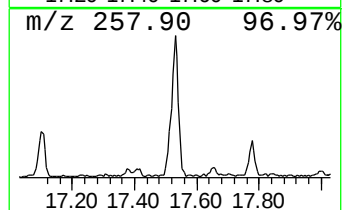
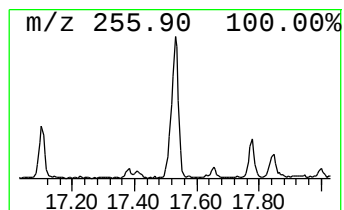
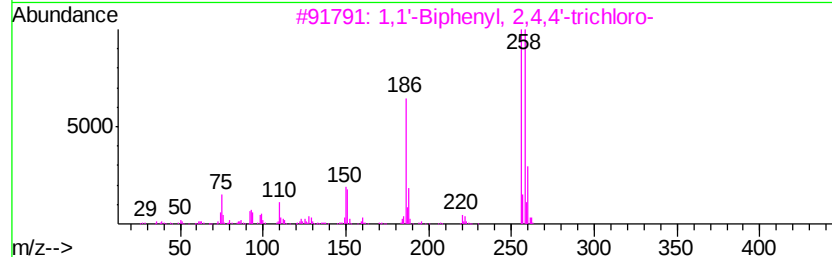
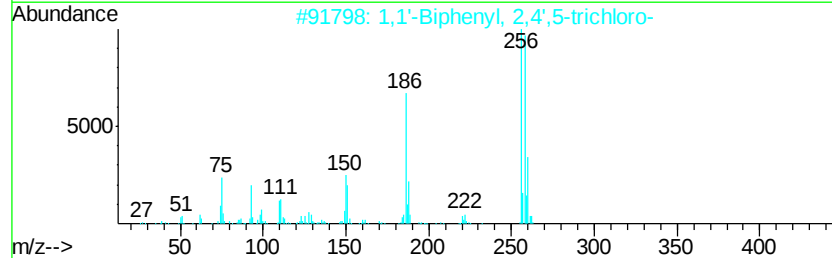
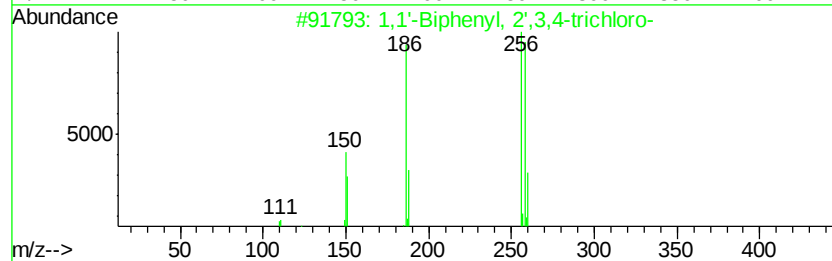
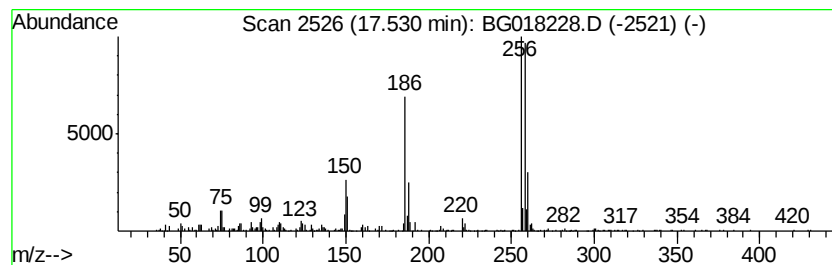
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.53	4.82 ng/ul	376844	Phenanthrene-d10	16.92

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,1'-Biphenyl, 2',3,4-trichloro-	256	C12H7Cl3	038444-86-9	98
2			1,1'-Biphenyl, 2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	95
3			1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	95
4			1,1'-Biphenyl, 2,3,6-trichloro-	256	C12H7Cl3	055702-45-9	95
5			1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	94



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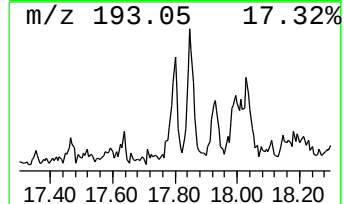
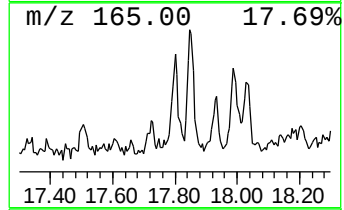
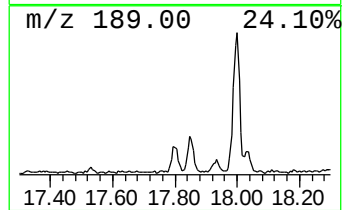
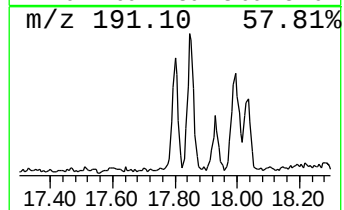
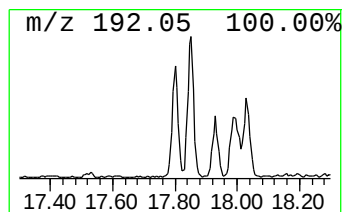
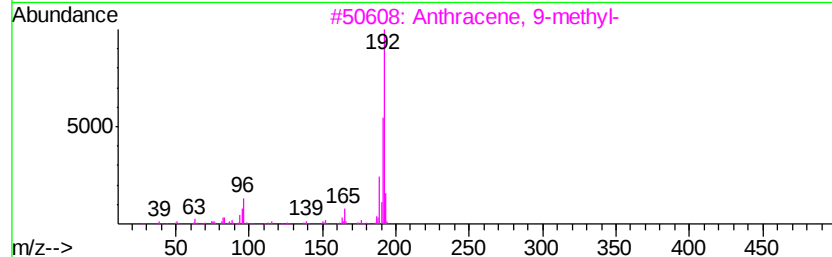
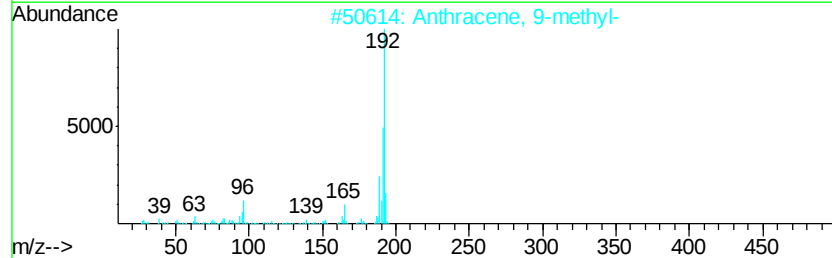
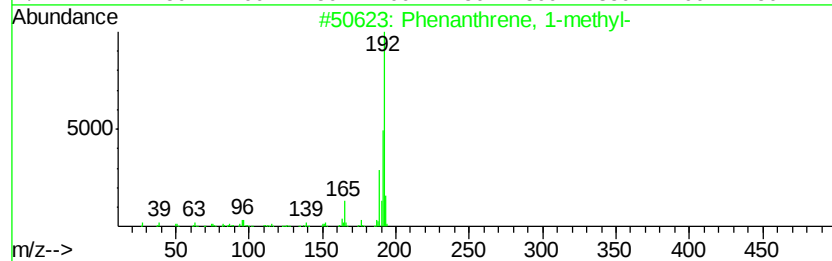
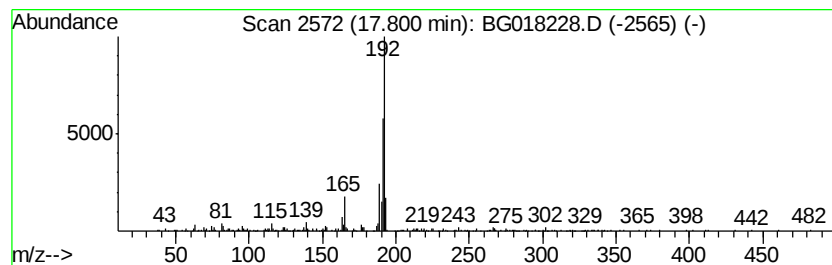
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 Phenanthrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.80	3.27 ng/ul	255518	Phenanthrene-d10	16.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	87
2		Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
3		Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
4		Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
5		Anthracene, 1-methyl-	192	C15H12	000610-48-0	87



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080215\
Data File : BG018228.D
Acq On : 2 Aug 2015 16:25
Operator : TP
Sample : G3065-22RE
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C02G7RE

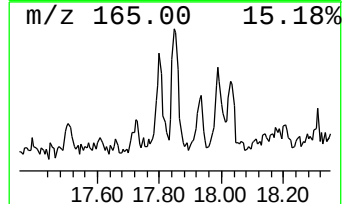
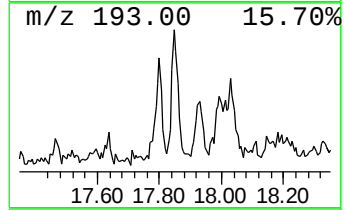
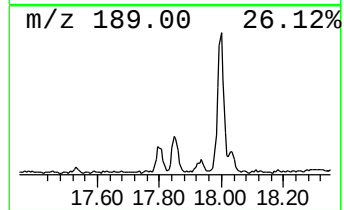
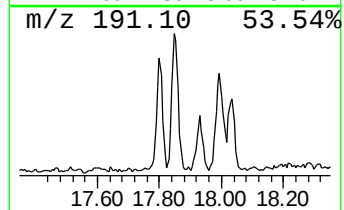
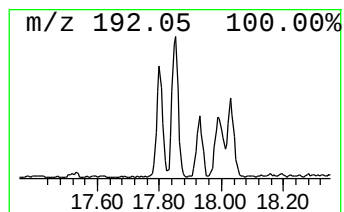
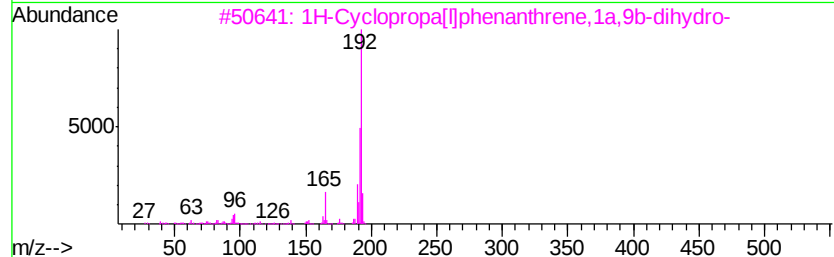
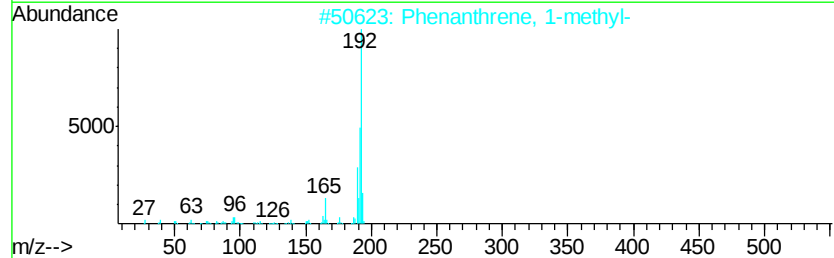
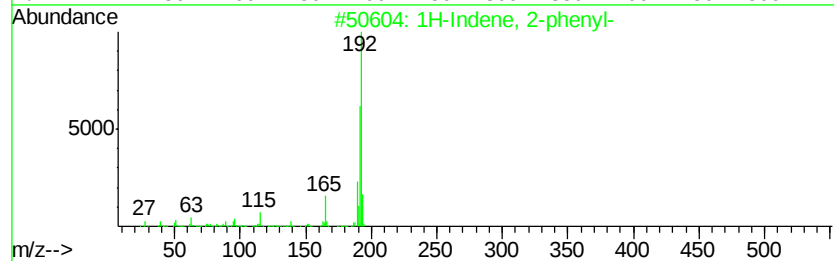
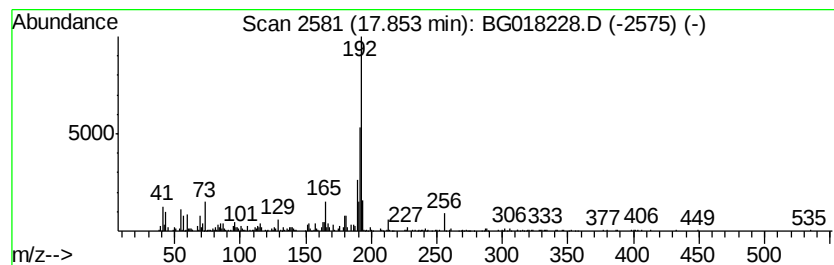
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 1H-Indene, 2-phenyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.85	5.85 ng/ul	457316	Phenanthrene-d10	16.92

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2-phenyl-		192	C15H12	004505-48-0	95
2	Phenanthrene, 1-methyl-		192	C15H12	000832-69-9	91
3	1H-Cyclopropa[1]phenanthrene, 1a, ...		192	C15H12	000949-41-7	90
4	Naphtho[2,3-b]norbornadiene		192	C15H12	107426-38-0	90
5	1H-Indene, 1-phenyl-		192	C15H12	001961-96-2	90



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080215\
Data File : BG018228.D
Acq On : 2 Aug 2015 16:25
Operator : TP
Sample : G3065-22RE
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
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ClientSampleId :
C02G7RE

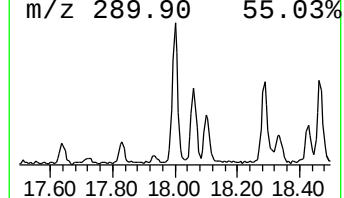
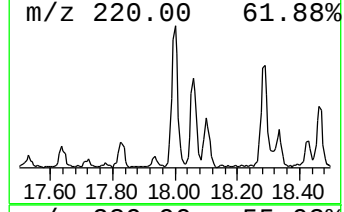
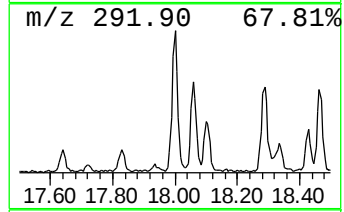
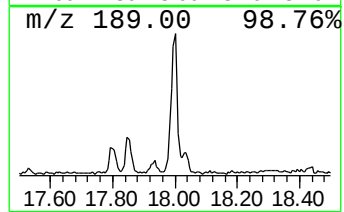
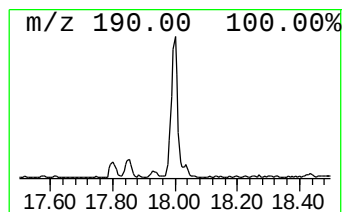
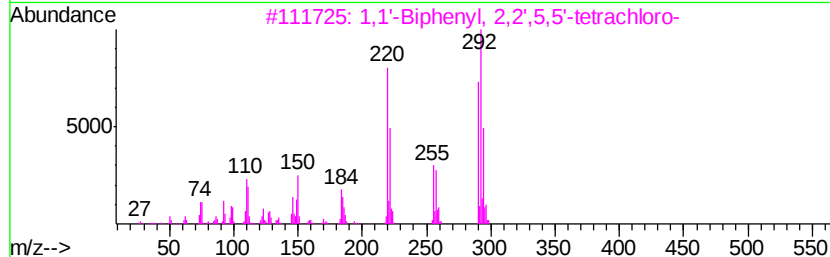
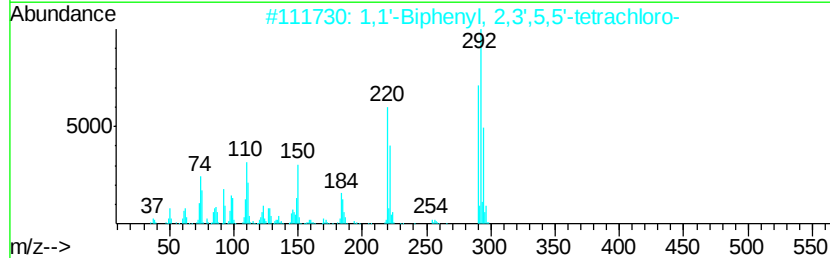
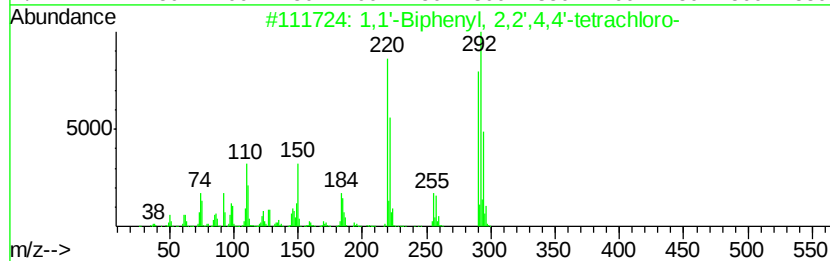
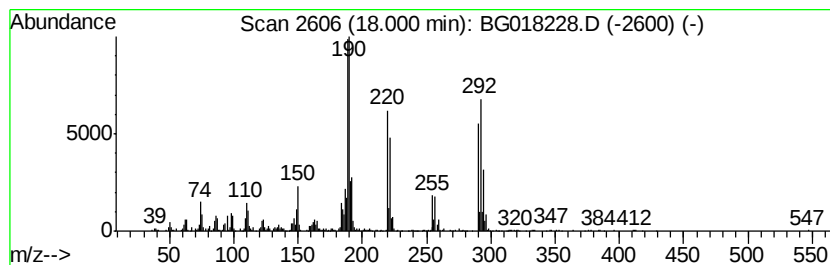
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.00	8.70 ng/ul	679805	Phenanthrene-d10	16.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	97
2		1,1'-Biphenyl, 2,3',5,5'-tetrach...	290	C12H6Cl4	041464-42-0	97
3		1,1'-Biphenyl, 2,2',5,5'-tetrach...	290	C12H6Cl4	035693-99-3	95
4		1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	94
5		1,1'-Biphenyl, 3,3',4,4'-tetrach...	290	C12H6Cl4	032598-13-3	90



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080215\
Data File : BG018228.D
Acq On : 2 Aug 2015 16:25
Operator : TP
Sample : G3065-22RE
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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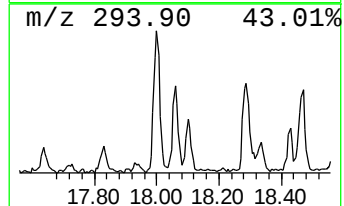
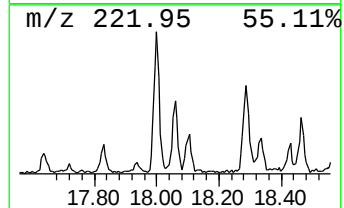
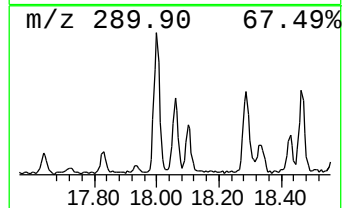
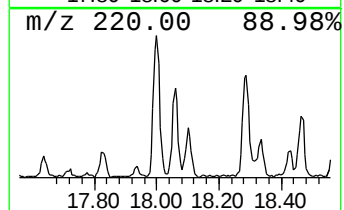
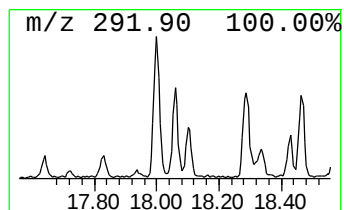
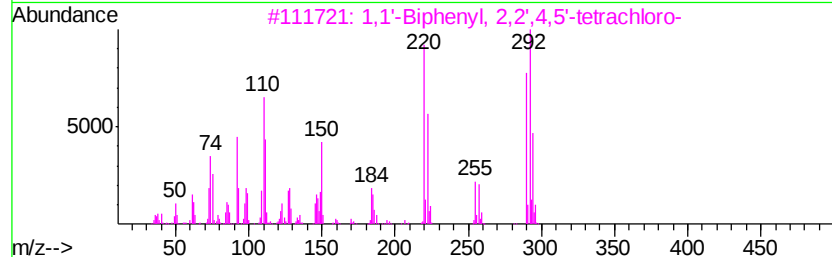
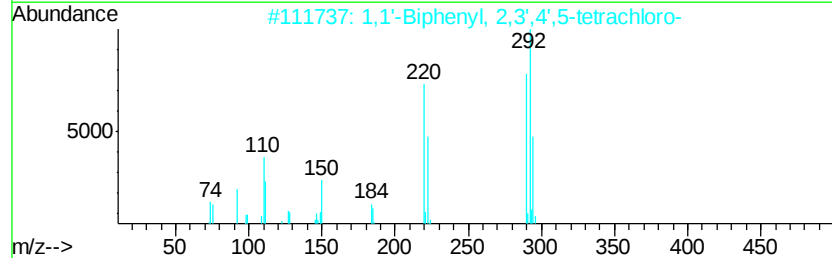
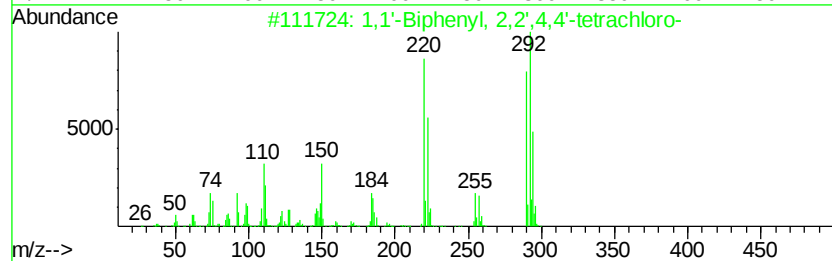
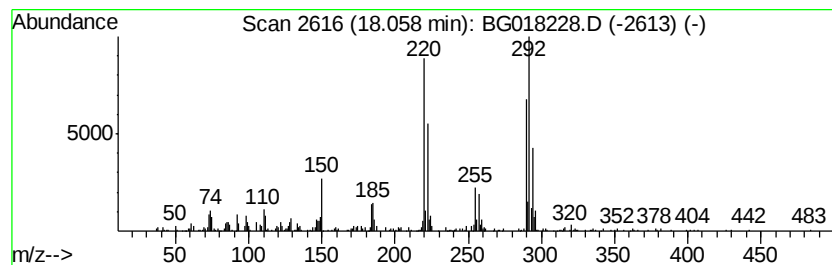
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 1,1'-Biphenyl, 2,3',4',5-te... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.06	2.36 ng/ul	184536	Phenanthrene-d10	16.92

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',4',5-tetrach...	290	C12H6Cl4	032598-11-1	96
3		1,1'-Biphenyl, 2,2',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	96
4		1,1'-Biphenyl, 2,2',5,6-Tetrachl...	290	C12H6Cl4	041464-41-9	95
5		1,1'-Biphenyl, 2,3,4',6-tetrachl...	290	C12H6Cl4	052663-58-8	95



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080215\
Data File : BG018228.D
Acq On : 2 Aug 2015 16:25
Operator : TP
Sample : G3065-22RE
Misc :
ALS Vial : 27 Sample Multiplier: 1

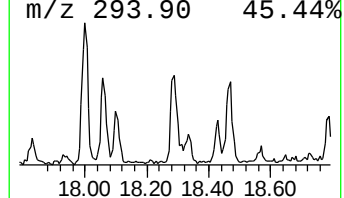
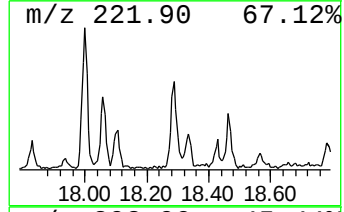
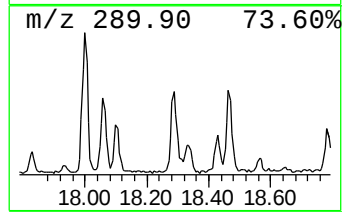
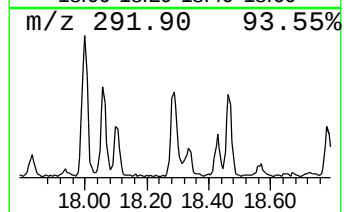
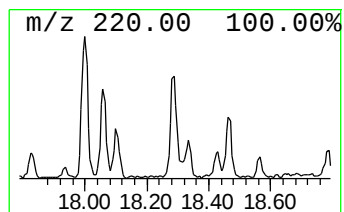
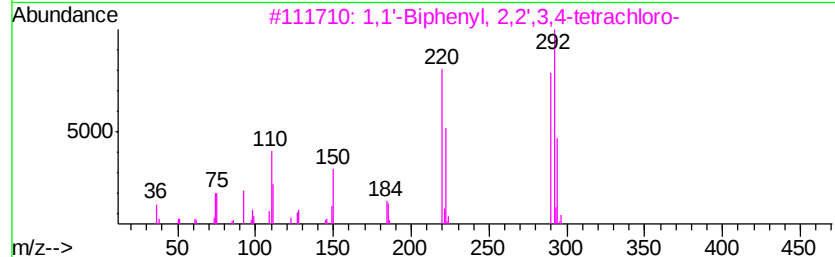
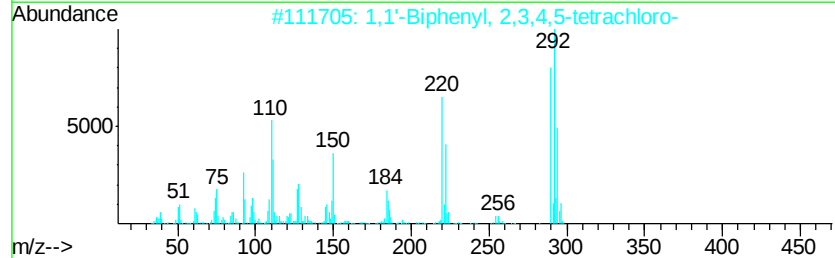
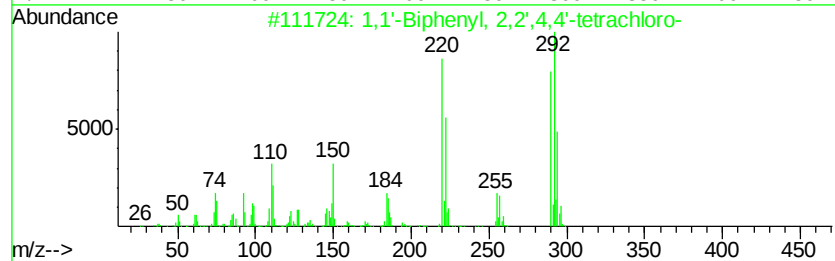
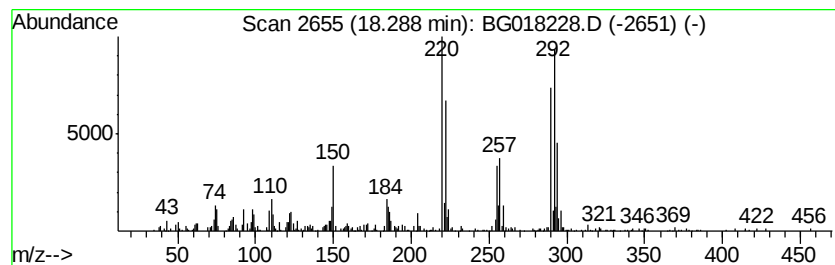
Instrument :
BNA_G
ClientSampled :
C02G7RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD		R.T.		
18.29	3.72 ng/ul	290992	Phenanthrene-d10		16.92		
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-tetrachloro-	290	C12H6Cl4	033284-53-6	98
3	1,1'	-Biphenyl,	2,2',3,4-tetrachl...	290	C12H6Cl4	052663-59-9	98
4	1,1'	-Biphenyl,	2,2',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	96
5	1,1'	-Biphenyl,	2,2',4,6-Tetrachl...	290	C12H6Cl4	062796-65-0	96



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080215\
Data File : BG018228.D
Acq On : 2 Aug 2015 16:25
Operator : TP
Sample : G3065-22RE
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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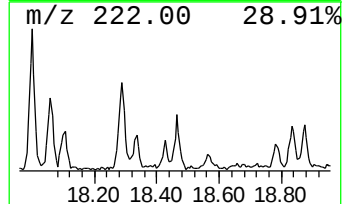
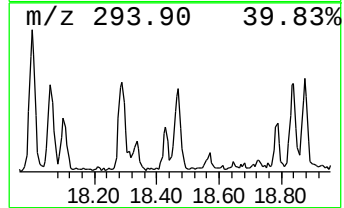
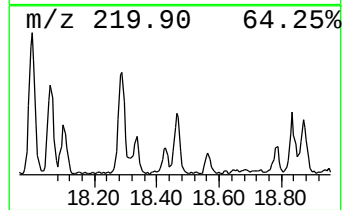
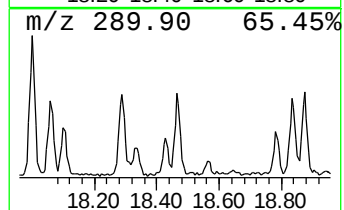
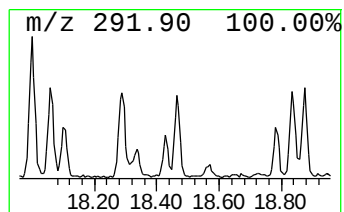
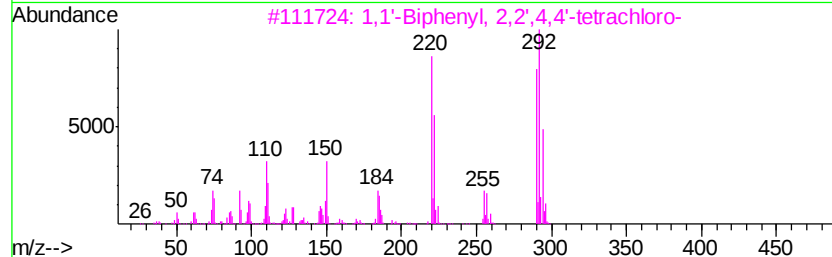
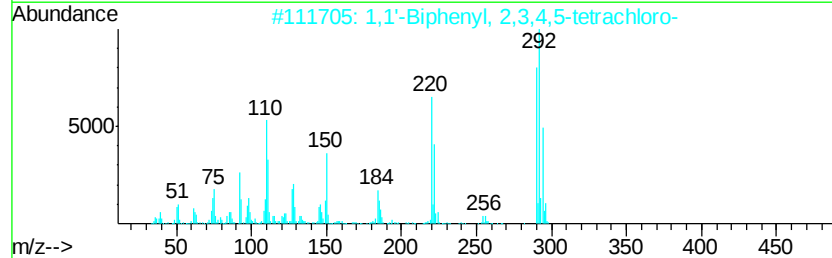
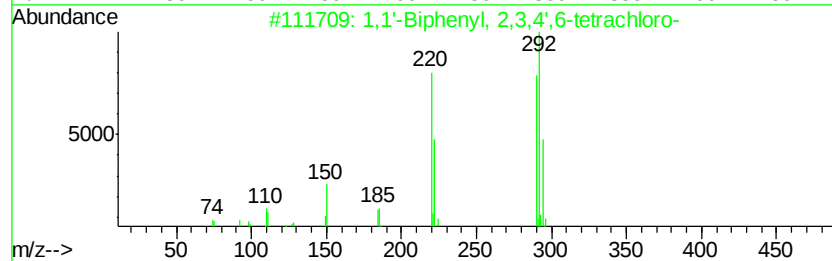
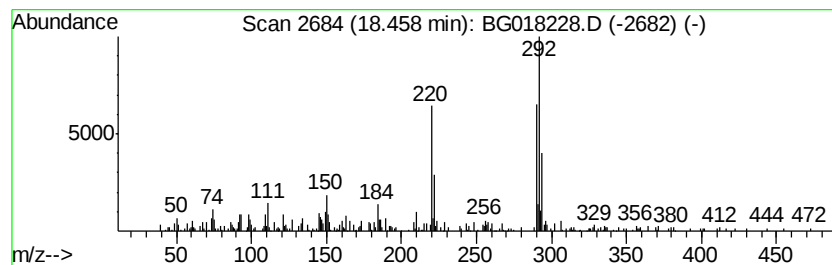
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 1,1'-Biphenyl, 2,3,4',6-tet... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.46	2.02 ng/ul	157892	Phenanthrene-d10	16.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,3,4',6-tetrachl...	290	C12H6Cl4	052663-58-8	96
2		1,1'-Biphenyl, 2,3,4,5-tetrachloro-	290	C12H6Cl4	033284-53-6	96
3		1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	95
4		1,1'-Biphenyl, 2,3',4,6-Tetrachl...	290	C12H6Cl4	060233-24-1	95
5		1,1'-Biphenyl, 2,2',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	95



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080215\
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Acq On : 2 Aug 2015 16:25
Operator : TP
Sample : G3065-22RE
Misc :
ALS Vial : 27 Sample Multiplier: 1

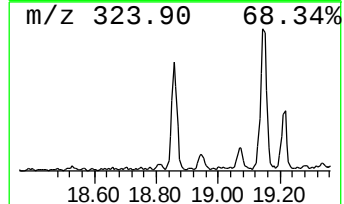
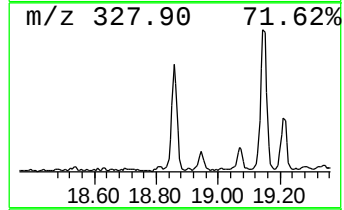
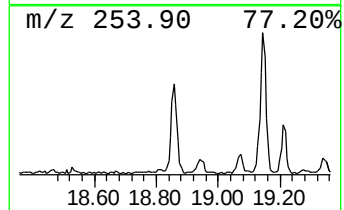
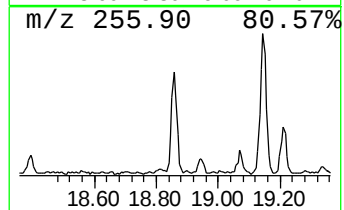
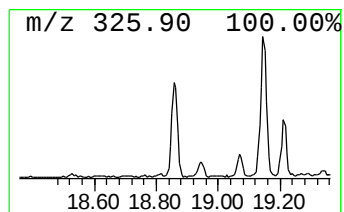
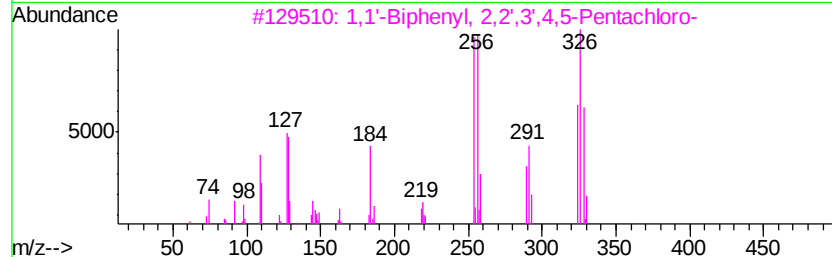
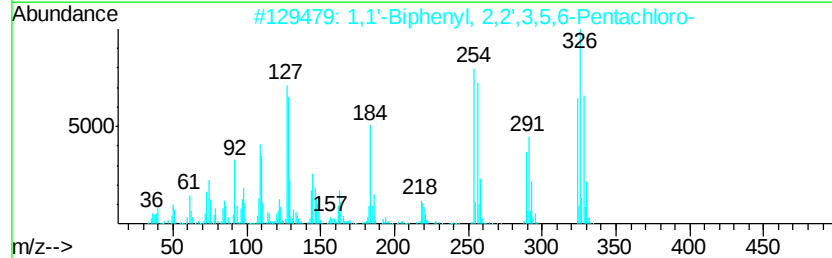
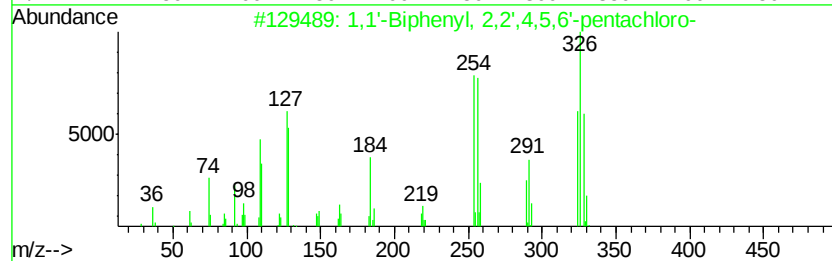
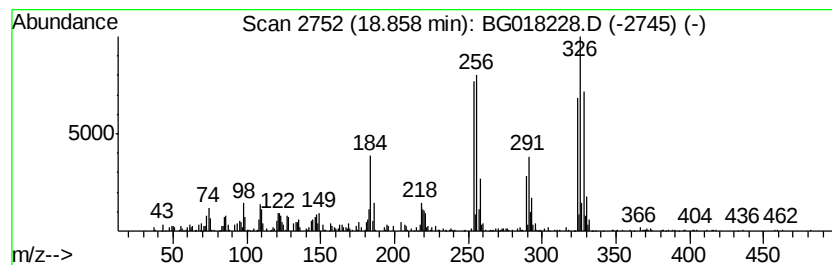
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

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

Peak Number 9 1,1'-Biphenyl, 2,2',4,5,6'-... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.86	8.19 ng/ul	640297	Phenanthrene-d10	16.92	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,5,6'-penta...	324	C12H5Cl5	068194-06-9	97
2	1,1'-Biphenyl, 2,2',3,5,6-Pentac...	324	C12H5Cl5	073575-56-1	96
3	1,1'-Biphenyl, 2,2',3',4,5-Penta...	324	C12H5Cl5	041464-51-1	95
4	1,1'-Biphenyl, 2,2',4,5',6-Penta...	324	C12H5Cl5	060145-21-3	95
5	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	95



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080215\
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Acq On : 2 Aug 2015 16:25
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Sample : G3065-22RE
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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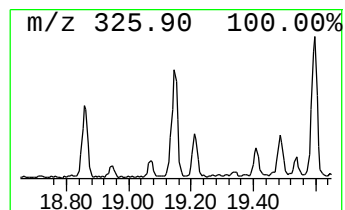
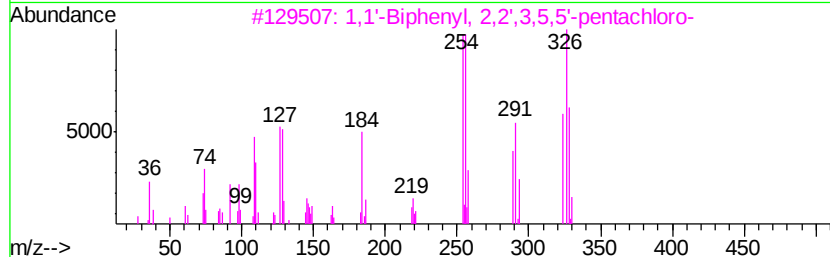
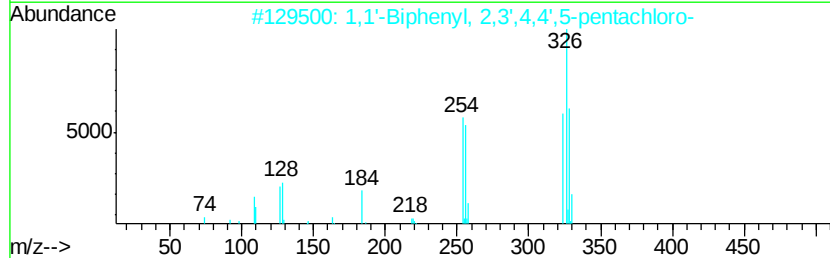
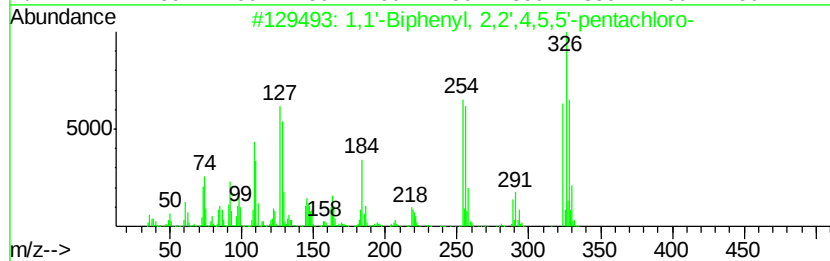
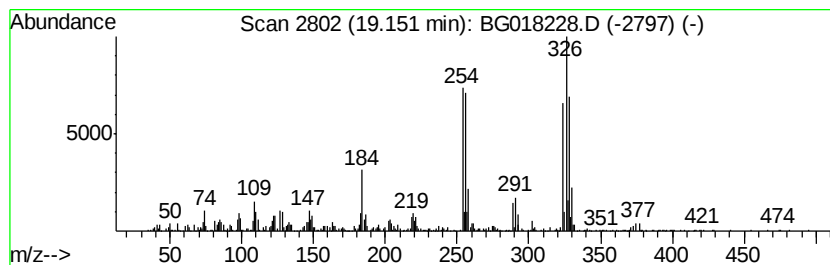
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 1,1'-Biphenyl, 2,2',4,5,5'-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.15	3.51 ng/ul	596066	Chrysene-d12	21.14

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,5,5'-penta...	324	C12H5Cl5	037680-73-2	97		
2	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	95		
3	1,1'-Biphenyl, 2,2',3,5,5'-penta...	324	C12H5Cl5	052663-61-3	95		
4	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	95		
5	1,1'-Biphenyl, 2,2',3,3',5-penta...	324	C12H5Cl5	060145-20-2	94		



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080215\
Data File : BG018228.D
Acq On : 2 Aug 2015 16:25
Operator : TP
Sample : G3065-22RE
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C02G7RE

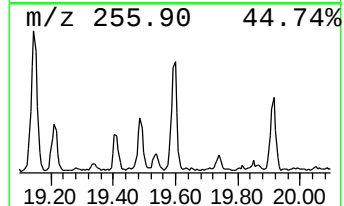
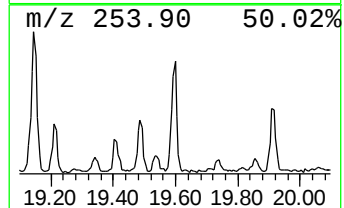
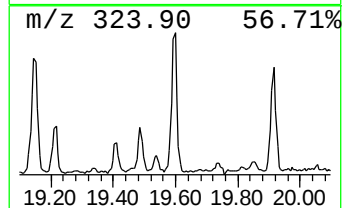
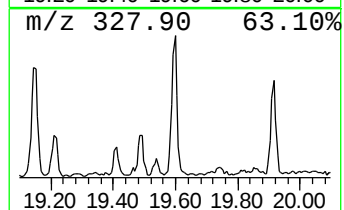
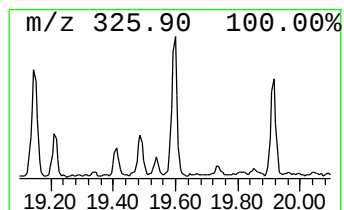
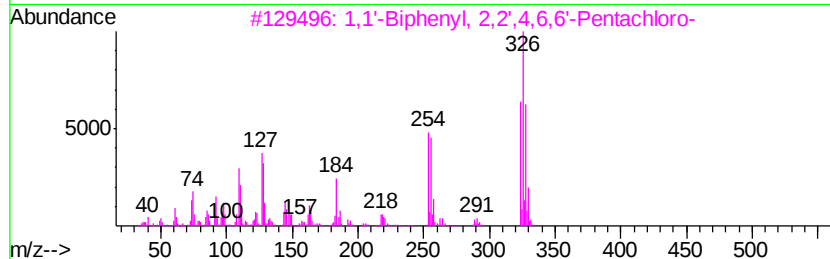
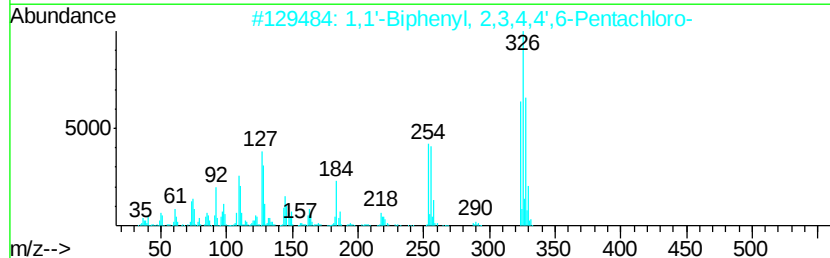
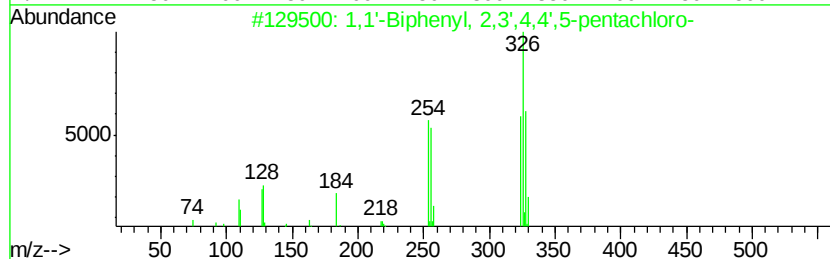
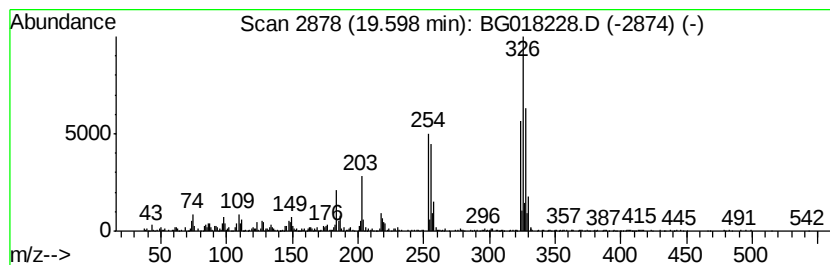
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 1,1'-Biphenyl, 2,3',4,4',5-... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.60	3.19 ng/ul	541306	Chrysene-d12	21.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	96
2		1,1'-Biphenyl, 2,3,4,4',6-Pentac...	324	C12H5Cl5	074472-38-1	95
3		1,1'-Biphenyl, 2,2',4,6,6'-Penta...	324	C12H5Cl5	056558-16-8	95
4		1,1'-Biphenyl, 2,3,4,4',5-Pentac...	324	C12H5Cl5	074472-37-0	95
5		1,1'-Biphenyl, 2,3,4,5,6-pentach...	324	C12H5Cl5	018259-05-7	95



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080215\
Data File : BG018228.D
Acq On : 2 Aug 2015 16:25
Operator : TP
Sample : G3065-22RE
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C02G7RE

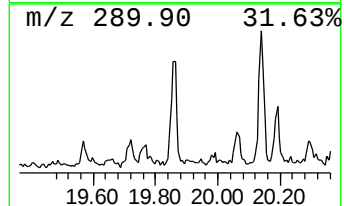
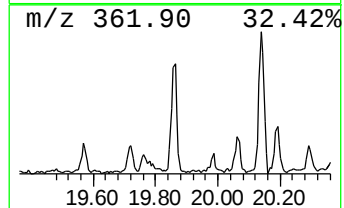
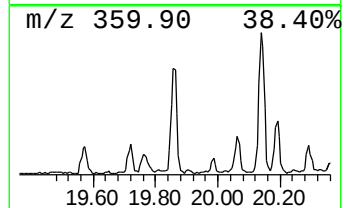
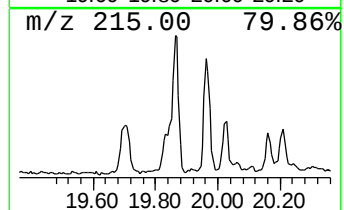
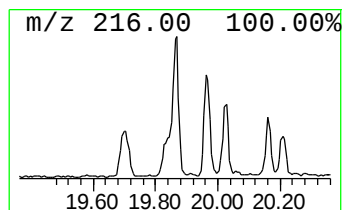
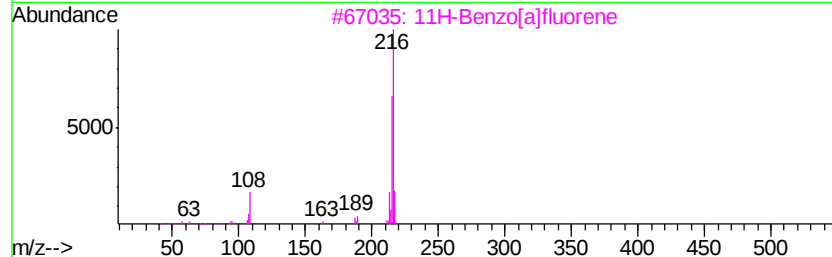
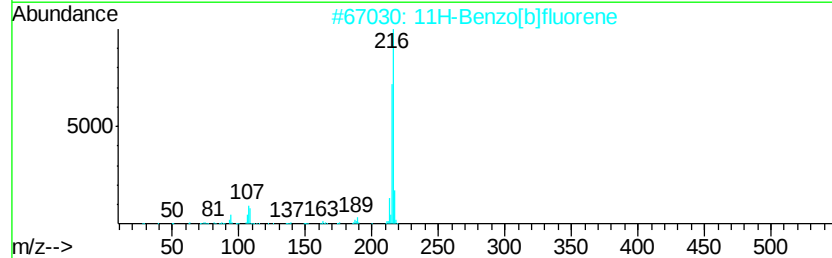
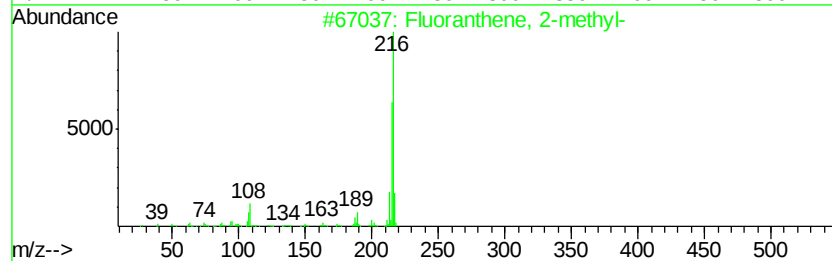
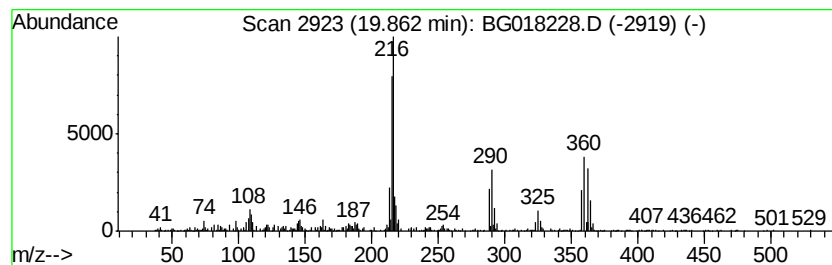
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 Fluoranthene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.86	3.23 ng/ul	548903	Chrysene-d12	21.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	64
2		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	50
3		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	50
4		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	50
5		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	50



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080215\
 Data File : BG018228.D
 Acq On : 2 Aug 2015 16:25
 Operator : TP
 Sample : G3065-22RE
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C02G7RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.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
Tri(2-chloroethyl...	16.44	2.0	ng/ul	157694	4	16.92	1563570	20.0
1,1'-Biphenyl, 2'...	17.53	4.8	ng/ul	376844	4	16.92	1563570	20.0
Phenanthrene, 1-m...	17.80	3.3	ng/ul	255518	4	16.92	1563570	20.0
1H-Indene, 2-phenyl-	17.85	5.8	ng/ul	457316	4	16.92	1563570	20.0
1,1'-Biphenyl, 2,...	18.00	8.7	ng/ul	679805	4	16.92	1563570	20.0
1,1'-Biphenyl, 2,...	18.06	2.4	ng/ul	184536	4	16.92	1563570	20.0
1,1'-Biphenyl, 2,...	18.29	3.7	ng/ul	290992	4	16.92	1563570	20.0
1,1'-Biphenyl, 2,...	18.46	2.0	ng/ul	157892	4	16.92	1563570	20.0
1,1'-Biphenyl, 2,...	18.86	8.2	ng/ul	640297	4	16.92	1563570	20.0
1,1'-Biphenyl, 2,...	19.15	3.5	ng/ul	596066	5	21.14	3397500	20.0
1,1'-Biphenyl, 2,...	19.60	3.2	ng/ul	541306	5	21.14	3397500	20.0
Fluoranthene, 2-m...	19.86	3.2	ng/ul	548903	5	21.14	3397500	20.0