

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080315\
 Data File : BM002201.D
 Acq On : 03 Aug 2015 17:21
 Operator : TP/UM
 Sample : G3095-05
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C01R4

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	3.322	102	108	115	rVB	17617	22176	1.07%	0.074%
2	5.034	394	399	406	rBB	19564	27091	1.30%	0.090%
3	5.169	417	422	431	rBB	15331	31751	1.53%	0.106%
4	5.516	476	481	489	rBB2	39643	78112	3.76%	0.260%
5	6.010	561	565	570	rBV	22204	30448	1.46%	0.101%
6	6.728	682	687	697	rVB2	76647	139319	6.70%	0.463%
7	6.869	706	711	716	rBV	62151	92349	4.44%	0.307%
8	7.069	739	745	752	rBB	76747	116342	5.60%	0.387%
9	7.139	753	757	759	rBV3	11690	15752	0.76%	0.052%
10	7.175	759	763	768	rVB	32806	46813	2.25%	0.156%
11	7.528	814	823	833	rBV	406128	653639	31.44%	2.174%
12	7.633	837	841	847	rVB	17396	27177	1.31%	0.090%
13	8.069	909	915	919	rVB4	8599	15005	0.72%	0.050%
14	8.163	925	931	937	rBV2	15184	23077	1.11%	0.077%
15	8.263	942	948	955	rBB	83927	132342	6.37%	0.440%
16	8.628	1005	1010	1015	rVB2	12383	18235	0.88%	0.061%
17	8.692	1015	1021	1026	rBV	83711	132686	6.38%	0.441%
18	8.745	1026	1030	1035	rVB	16275	24738	1.19%	0.082%
19	9.210	1104	1109	1115	rVB	15710	24356	1.17%	0.081%
20	9.410	1135	1143	1148	rBV	66079	110389	5.31%	0.367%
21	9.527	1157	1163	1167	rBB2	12988	19706	0.95%	0.066%
22	9.722	1190	1196	1201	rVV5	10692	21477	1.03%	0.071%
23	9.786	1201	1207	1211	rVB2	10812	16791	0.81%	0.056%
24	9.957	1231	1236	1243	rBV	88469	142291	6.85%	0.473%
25	10.322	1287	1298	1303	rBV	576868	959021	46.14%	3.189%
26	10.369	1303	1306	1313	rVB3	29279	50647	2.44%	0.168%
27	10.469	1317	1323	1329	rVV	38754	61403	2.95%	0.204%
28	11.998	1577	1583	1588	rBB	23582	36089	1.74%	0.120%
29	12.221	1615	1621	1625	rVB2	11138	16375	0.79%	0.054%
30	12.798	1714	1719	1723	rBV2	10903	16822	0.81%	0.056%
31	13.015	1751	1756	1762	rVB3	12645	21827	1.05%	0.073%
32	13.521	1835	1842	1847	rBV3	12808	21308	1.03%	0.071%
33	13.621	1853	1859	1863	rVV	187898	277883	13.37%	0.924%
34	13.663	1863	1866	1872	rVV	86167	123086	5.92%	0.409%

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Integration Parameters: LSCINT.P

Integrator: RTE
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Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
 Title : SVOA CALIBRATION

35	13.898	1900	1906	1910	rBV	221269	330818	15.91%	1.100%
36	13.933	1910	1912	1918	rVB2	51309	60490	2.91%	0.201%
37	14.098	1935	1940	1944	rVB	17696	23226	1.12%	0.077%
38	14.210	1952	1959	1966	rVV2	826555	1293592	62.23%	4.302%
39	14.268	1966	1969	1977	rVB2	29116	47398	2.28%	0.158%
40	14.439	1990	1998	2009	rBV	118005	192809	9.28%	0.641%
41	14.610	2022	2027	2032	rBV2	26649	38994	1.88%	0.130%
42	15.033	2096	2099	2102	rBV	24867	37699	1.81%	0.125%
43	15.204	2123	2128	2134	rBV	281392	401485	19.31%	1.335%
44	15.257	2134	2137	2141	rBV2	24033	32535	1.57%	0.108%
45	15.468	2168	2173	2178	rVB4	47349	73999	3.56%	0.246%
46	15.557	2183	2188	2192	rBV3	12523	25716	1.24%	0.086%
47	15.762	2220	2223	2227	rBV5	9917	17323	0.83%	0.058%
48	15.945	2246	2254	2265	rVB6	52747	139694	6.72%	0.465%
49	16.104	2279	2281	2284	rBV3	16113	16108	0.77%	0.054%
50	16.192	2293	2296	2302	rVB2	28509	43603	2.10%	0.145%
51	16.309	2312	2316	2322	rVB2	66262	90673	4.36%	0.302%
52	16.486	2339	2346	2352	rBV4	106949	214427	10.32%	0.713%
53	16.562	2356	2359	2364	rVB	61376	86331	4.15%	0.287%
54	16.615	2366	2368	2373	rVB2	19057	23924	1.15%	0.080%
55	16.721	2382	2386	2390	rBV2	63538	86818	4.18%	0.289%
56	16.839	2401	2406	2409	rBV	159444	213964	10.29%	0.712%
57	16.874	2409	2412	2416	rVB	69471	83637	4.02%	0.278%
58	16.962	2421	2427	2431	rVV	1006376	1470604	70.75%	4.891%
59	17.003	2431	2434	2439	rVV	348031	472982	22.75%	1.573%
60	17.062	2439	2444	2447	rVV	288304	387070	18.62%	1.287%
61	17.098	2447	2450	2453	rVV	86847	122259	5.88%	0.407%
62	17.139	2453	2457	2463	rVB	252041	374147	18.00%	1.244%
63	17.415	2501	2504	2506	rBV	59266	66341	3.19%	0.221%
64	17.568	2523	2530	2535	rVB	642645	1165806	56.08%	3.877%
65	17.674	2543	2548	2555	rBV4	185888	357554	17.20%	1.189%
66	17.750	2559	2561	2566	rVB3	49164	66480	3.20%	0.221%
67	17.809	2567	2571	2575	rBV	208670	311176	14.97%	1.035%
68	17.862	2577	2580	2583	rVV	101323	108060	5.20%	0.359%
69	17.933	2589	2592	2595	rBV	53841	62089	2.99%	0.206%
70	17.968	2595	2598	2603	rVV2	71612	91917	4.42%	0.306%
71	18.033	2604	2609	2614	rVV	694415	977405	47.02%	3.250%

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72	18.092	2615	2619	2623	rVV	398240	538483	25.90%	1.791%
73	18.133	2623	2626	2632	rVB2	278909	376447	18.11%	1.252%
74	18.321	2653	2658	2663	rBV2	445884	693997	33.39%	2.308%
75	18.362	2663	2665	2669	rVV	146120	190608	9.17%	0.634%
76	18.427	2673	2676	2679	rVV	95263	125967	6.06%	0.419%
77	18.462	2679	2682	2684	rVV	127480	153112	7.37%	0.509%
78	18.497	2684	2688	2693	rVB	264969	347213	16.70%	1.155%
79	18.597	2702	2705	2710	rVB2	93112	119795	5.76%	0.398%
80	18.868	2747	2751	2752	rBV	219906	290765	13.99%	0.967%
81	18.886	2752	2754	2763	rVB3	425461	729765	35.11%	2.427%
82	19.033	2775	2779	2785	rBV	616109	794328	38.21%	2.642%
83	19.174	2799	2803	2808	rVB	605354	858526	41.30%	2.855%
84	19.239	2811	2814	2819	rVB2	211029	246400	11.85%	0.819%
85	19.297	2820	2824	2831	rVB	655866	773214	37.20%	2.571%
86	19.374	2832	2837	2839	rBV2	416670	613228	29.50%	2.039%
87	19.403	2839	2842	2845	rVB	402484	488175	23.48%	1.623%
88	19.515	2858	2861	2865	rVB	200823	222313	10.69%	0.739%
89	19.627	2877	2880	2887	rVB2	503614	616229	29.65%	2.049%
90	19.886	2921	2924	2930	rVB3	391785	539368	25.95%	1.794%
91	19.944	2931	2934	2941	rVB	350507	409156	19.68%	1.361%
92	20.168	2969	2972	2976	rBV	398703	446687	21.49%	1.485%
93	20.309	2992	2996	3000	rBV	871835	1060442	51.01%	3.527%
94	20.356	3000	3004	3008	rVB	588962	706029	33.97%	2.348%
95	20.491	3024	3027	3037	rVB2	367226	534171	25.70%	1.776%
96	20.862	3087	3090	3094	rBV	340284	461191	22.19%	1.534%
97	21.086	3124	3128	3131	rBV	810811	875749	42.13%	2.912%
98	21.174	3138	3143	3148	rBV2	1219540	2078689	100.00%	6.913%
99	21.386	3176	3179	3182	rBV	399515	428742	20.63%	1.426%
100	23.374	3513	3517	3522	rVB2	748894	1195413	57.51%	3.975%

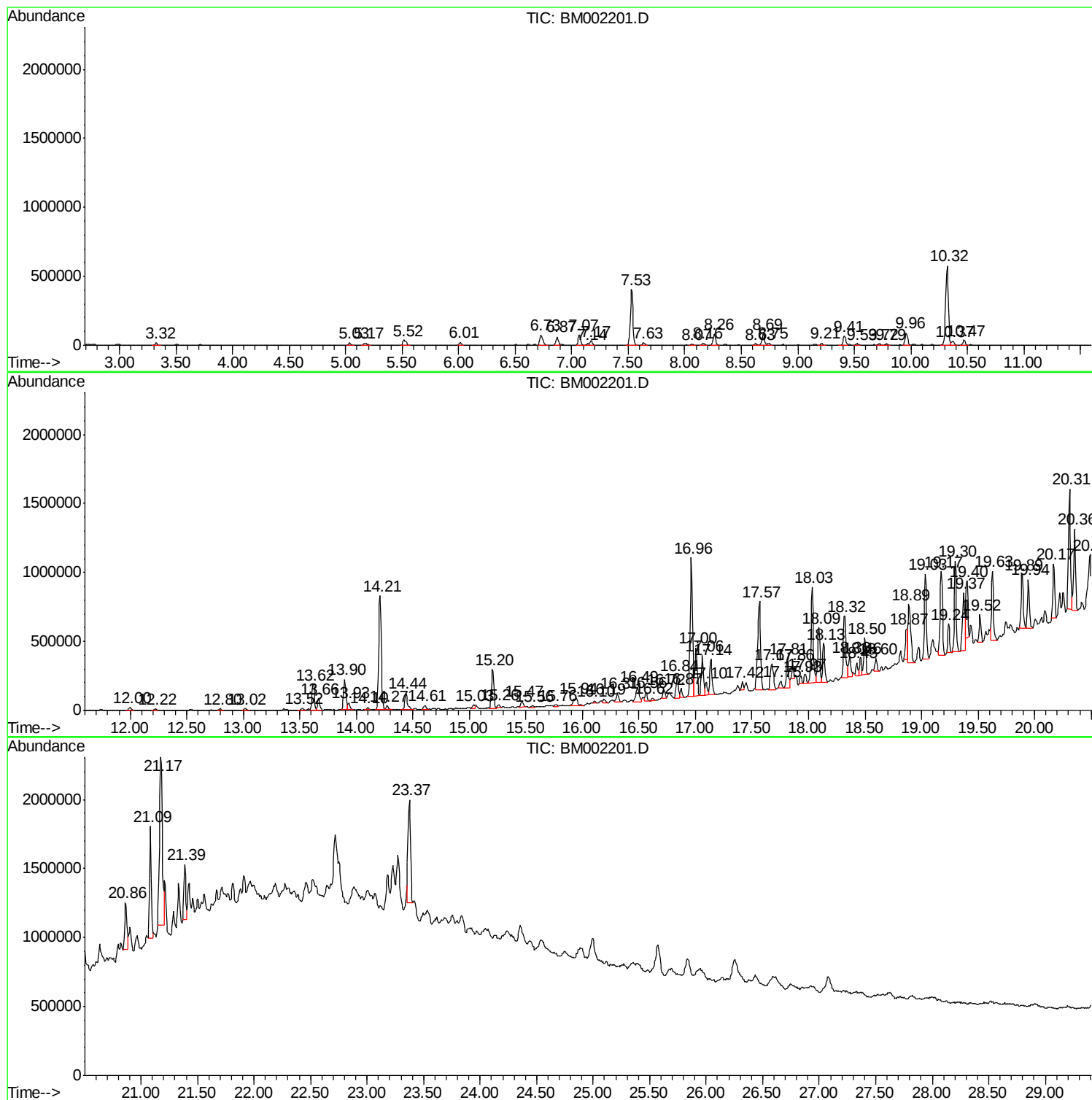
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Instrument :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

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



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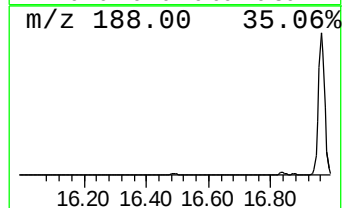
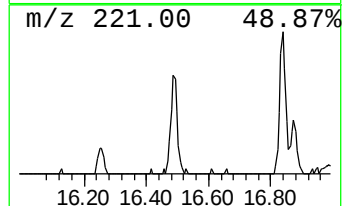
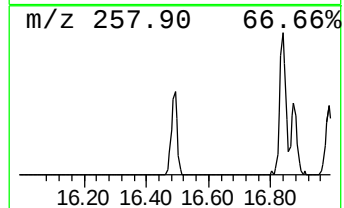
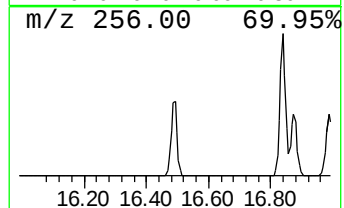
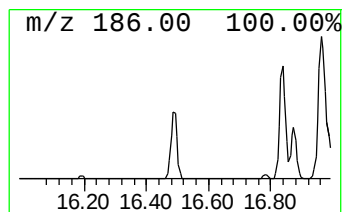
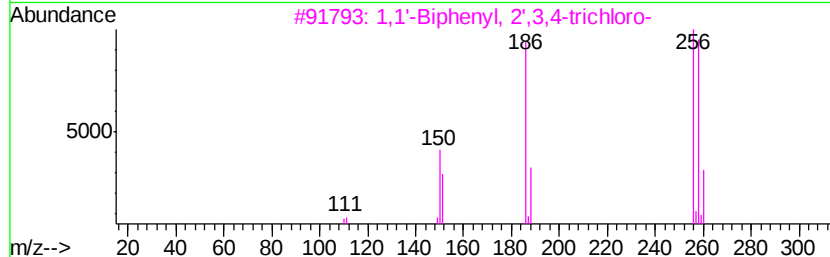
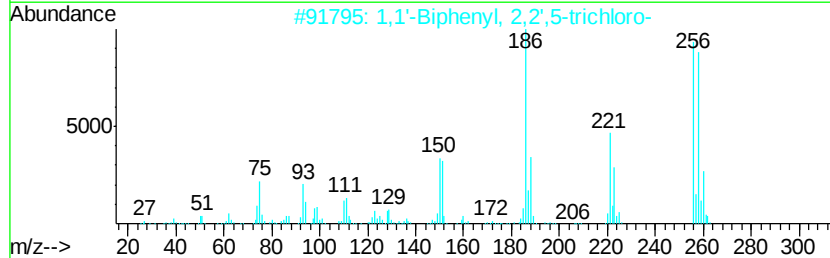
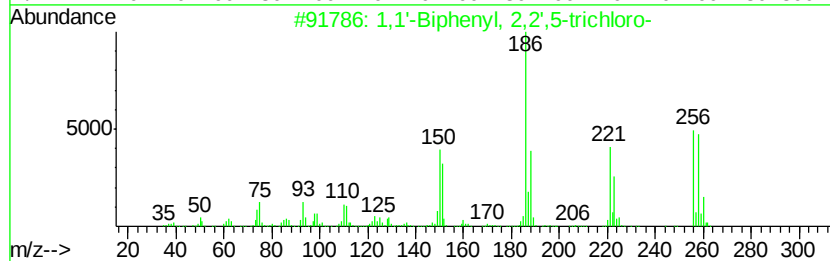
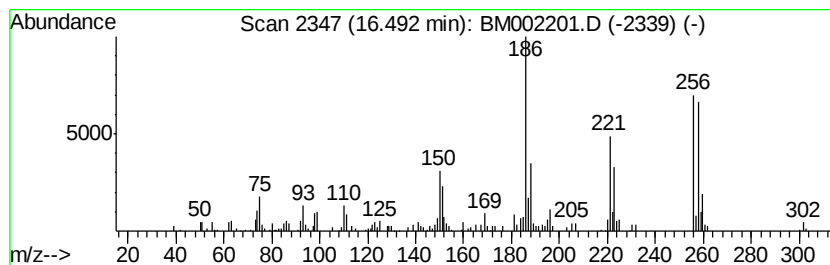
Instrument :
BNA_M
ClientSampleId :
C01R4

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 2 1,1'-Biphenyl, 2,2',5-trich... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.49	2.92 ng/ul	214427	Phenanthrene-d10	16.96	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	99
2	1,1'-Biphenyl, 2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	99
3	1,1'-Biphenyl, 2',3,4-trichloro-	256	C12H7Cl3	038444-86-9	95
4	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	95
5	1,1'-Biphenyl, 2,3,3'-trichloro-	256	C12H7Cl3	038444-84-7	94



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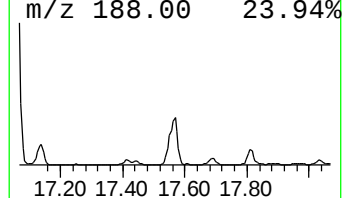
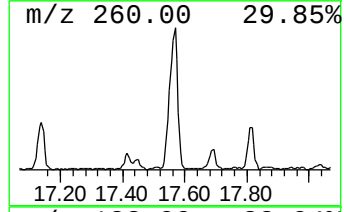
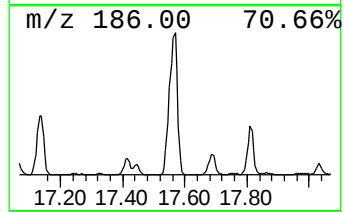
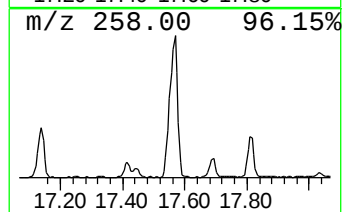
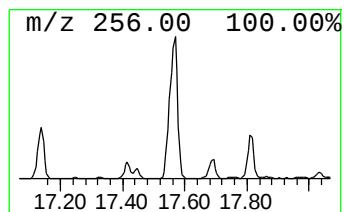
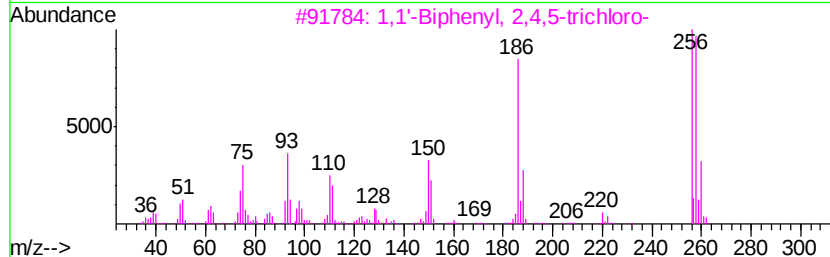
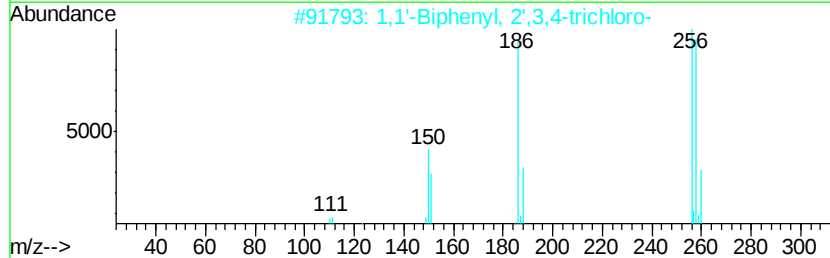
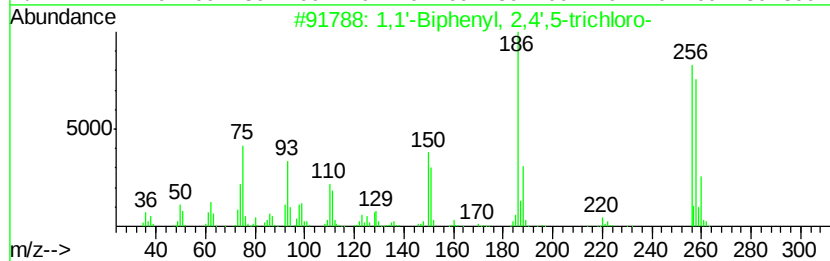
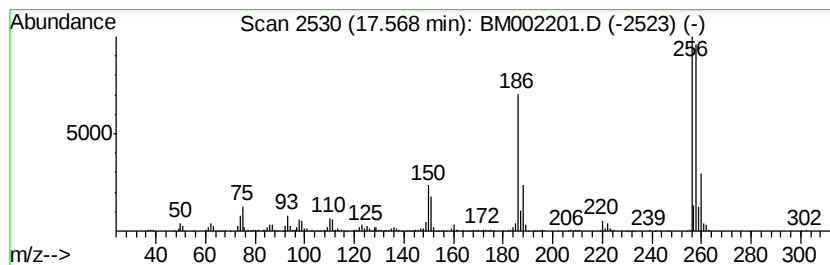
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.57	15.85 ng/ul	1165810	Phenanthrene-d10	16.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	98
2		1,1'-Biphenyl, 2',3,4-trichloro-	256	C12H7Cl3	038444-86-9	98
3		1,1'-Biphenyl, 2,4,5-trichloro-	256	C12H7Cl3	015862-07-4	96
4		1,1'-Biphenyl, 2,3,4'-Trichloro-	256	C12H7Cl3	038444-85-8	96
5		1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	95



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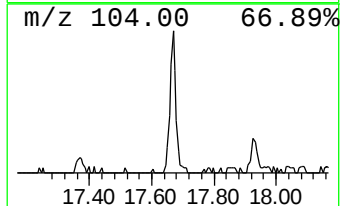
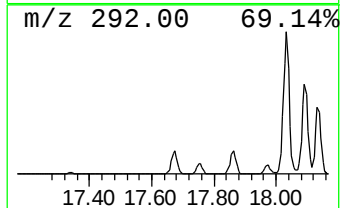
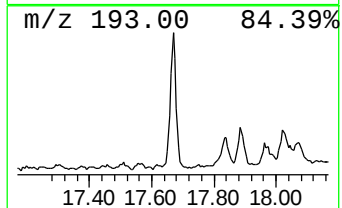
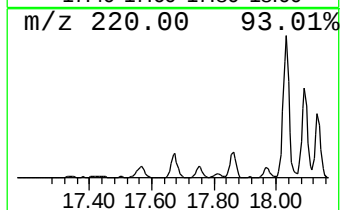
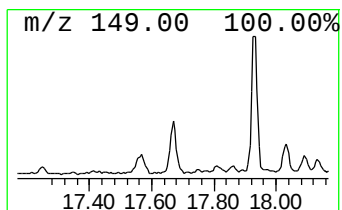
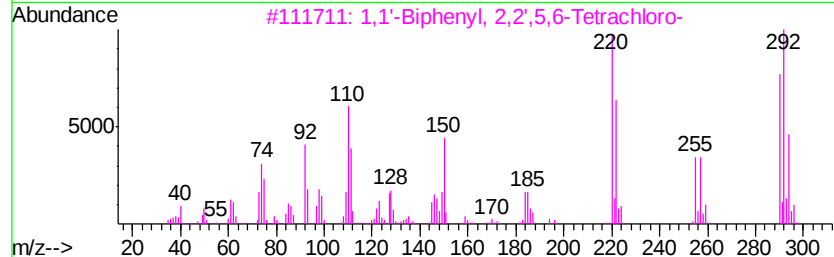
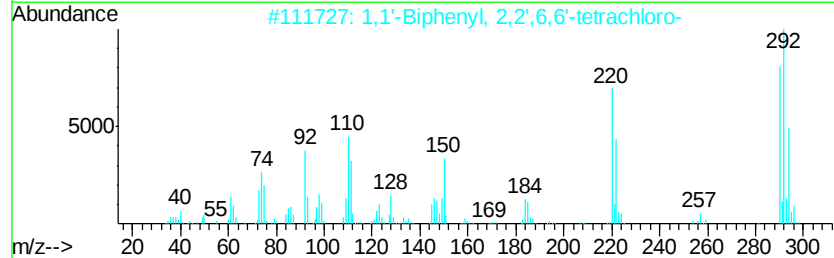
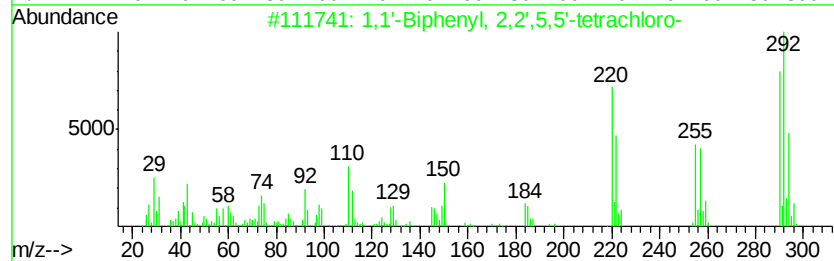
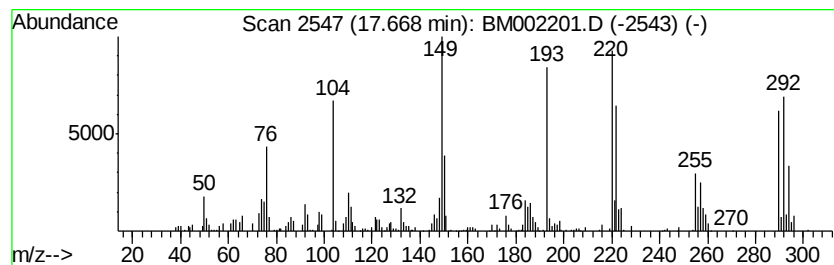
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.67	4.86 ng/ul	357554	Phenanthrene-d10	16.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,2',5,5'-tetrach...	290	C12H6Cl4	035693-99-3	97
2		1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	97
3		1,1'-Biphenyl, 2,2',5,6-Tetrachl...	290	C12H6Cl4	041464-41-9	97
4		1,1'-Biphenyl, 2,2',3,4'-tetrach...	290	C12H6Cl4	036559-22-5	97
5		1,1'-Biphenyl, 2,2',5,6-Tetrachl...	290	C12H6Cl4	041464-41-9	96



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080315\
Data File : BM002201.D
Acq On : 03 Aug 2015 17:21
Operator : TP/UM
Sample : G3095-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

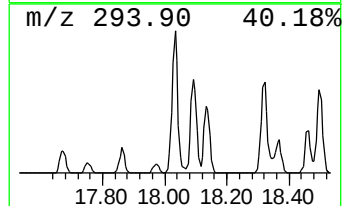
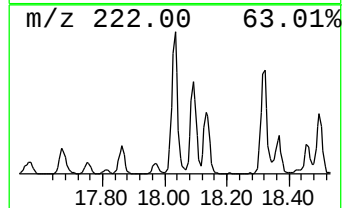
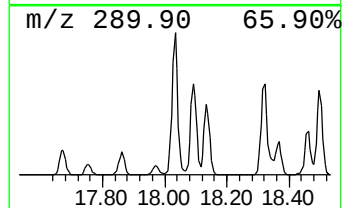
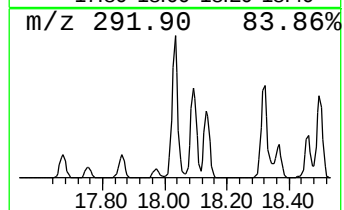
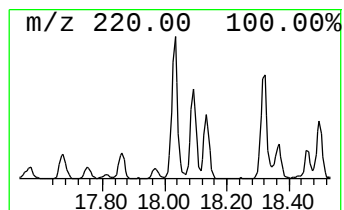
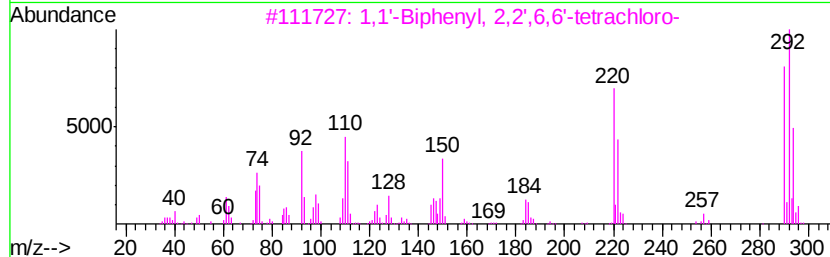
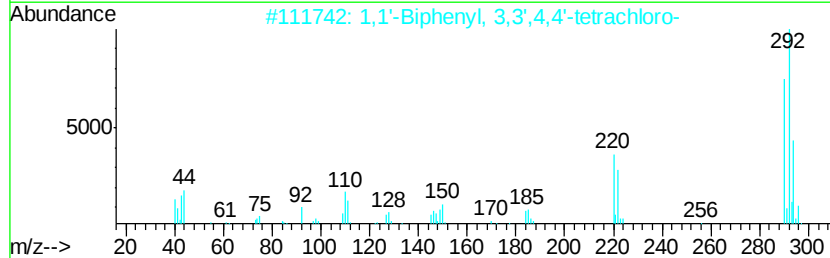
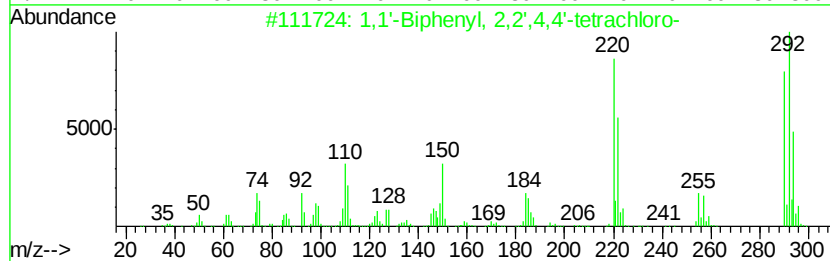
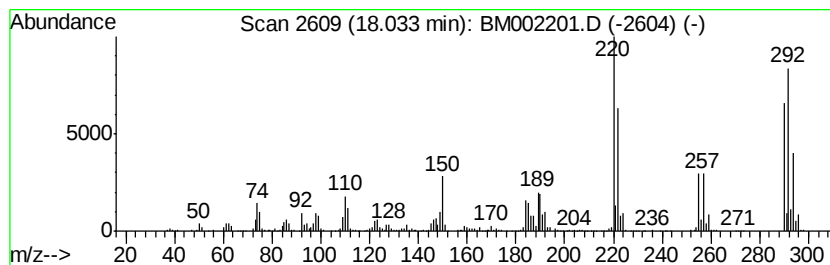
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.03	13.29 ng/ul	977405	Phenanthrene-d10	16.96		
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,	3,3',4,4'-tetrach...	290	C12H6Cl4	032598-13-3	99
3	1,1'-Biphenyl,	2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99
4	1,1'-Biphenyl,	2,2',4,6-Tetrachl...	290	C12H6Cl4	062796-65-0	99
5	1,1'-Biphenyl,	2,2',5,6-Tetrachl...	290	C12H6Cl4	041464-41-9	99



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080315\
Data File : BM002201.D
Acq On : 03 Aug 2015 17:21
Operator : TP/UM
Sample : G3095-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

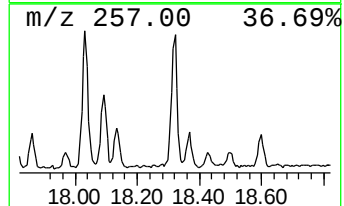
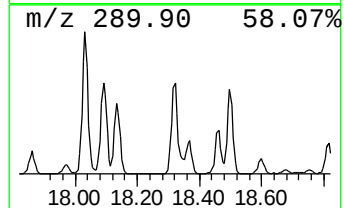
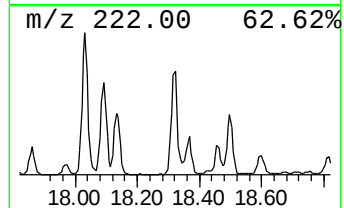
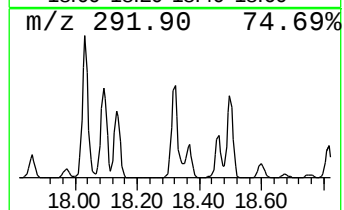
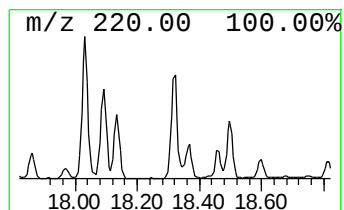
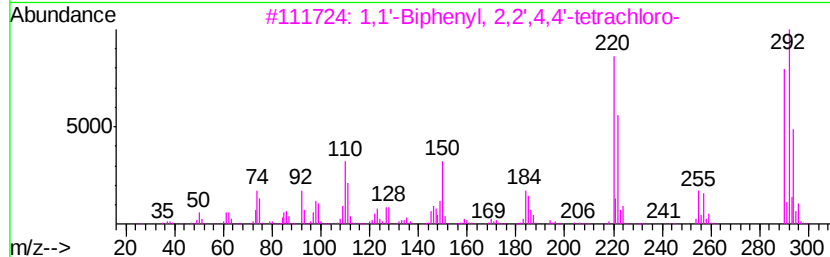
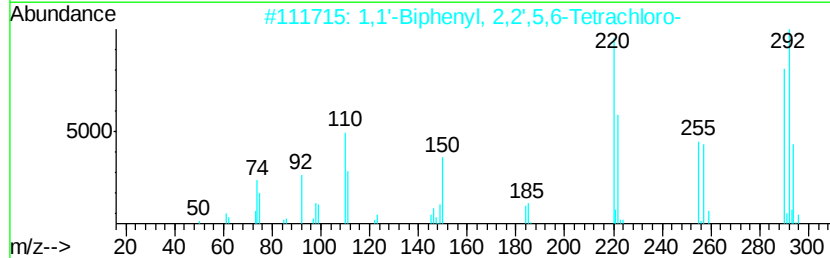
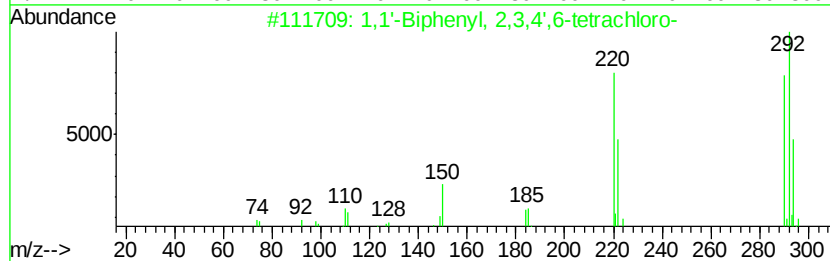
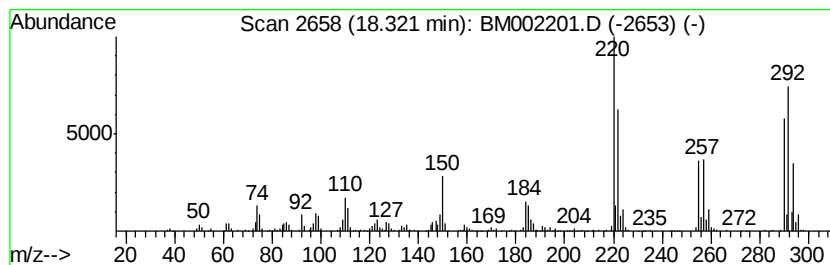
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.32	9.44 ng/ul	693997	Phenanthrene-d10	16.96		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl,	2,3,4',6-tetrachl...	290	C12H6Cl4	052663-58-8	99
2	1,1'-Biphenyl,	2,2',5,6-Tetrachl...	290	C12H6Cl4	041464-41-9	99
3	1,1'-Biphenyl,	2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
4	1,1'-Biphenyl,	2,2',5,6-Tetrachl...	290	C12H6Cl4	041464-41-9	99
5	1,1'-Biphenyl,	2,2',3,4'-tetrach...	290	C12H6Cl4	036559-22-5	99



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080315\
Data File : BM002201.D
Acq On : 03 Aug 2015 17:21
Operator : TP/UM
Sample : G3095-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

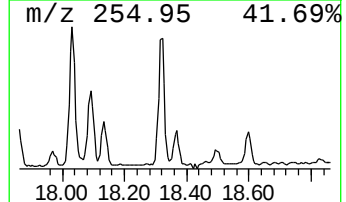
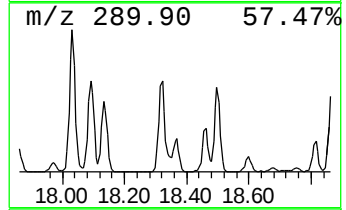
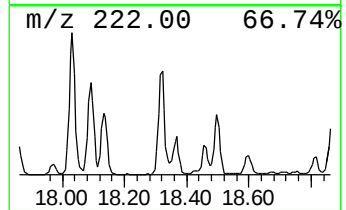
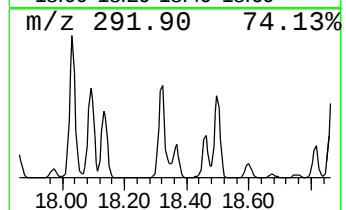
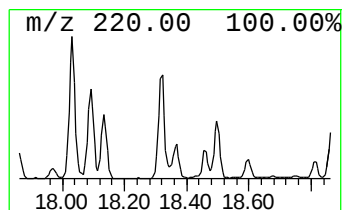
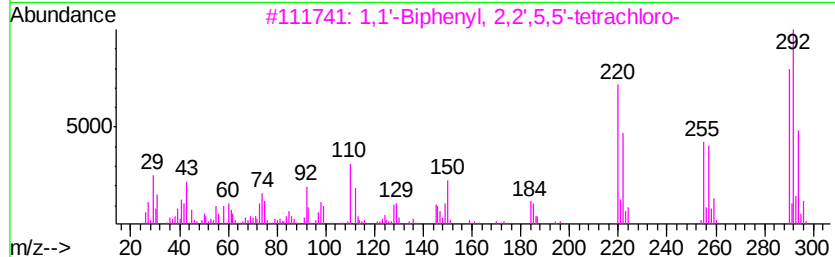
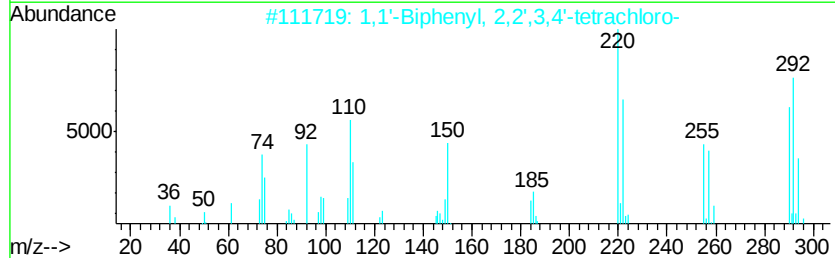
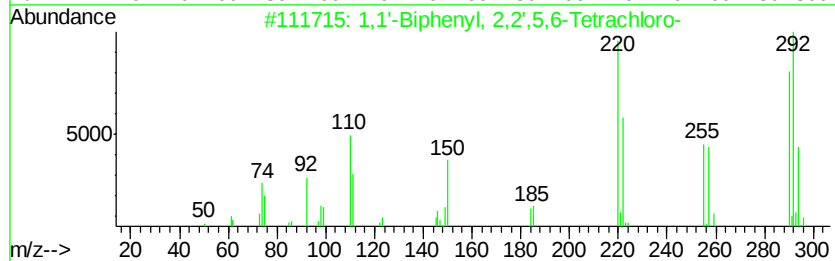
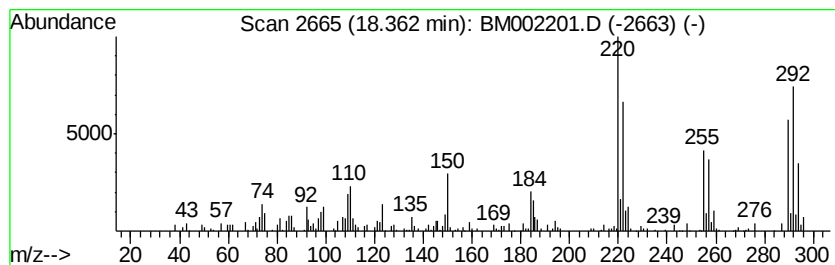
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

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

Peak Number 11 1,1'-Biphenyl, 2,2',5,6-Tet... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.36	2.59 ng/ul	190608	Phenanthrene-d10	16.96		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl,	2,2',5,6-Tetrachl...	290	C12H6Cl4	041464-41-9	96
2	1,1'-Biphenyl,	2,2',3,4'-tetrach...	290	C12H6Cl4	036559-22-5	96
3	1,1'-Biphenyl,	2,2',5,5'-tetrach...	290	C12H6Cl4	035693-99-3	96
4	1,1'-Biphenyl,	2,2',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	95
5	1,1'-Biphenyl,	2,2',3,5-Tetrachl...	290	C12H6Cl4	070362-46-8	95



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080315\
Data File : BM002201.D
Acq On : 03 Aug 2015 17:21
Operator : TP/UM
Sample : G3095-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
C01R4

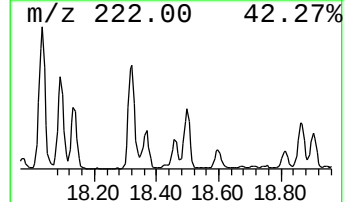
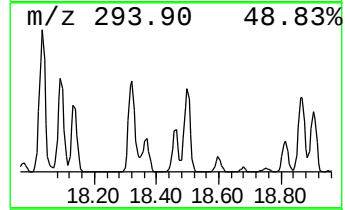
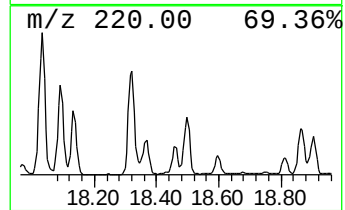
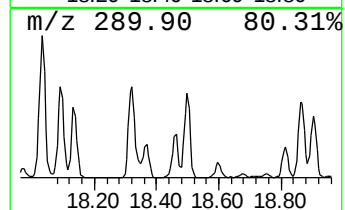
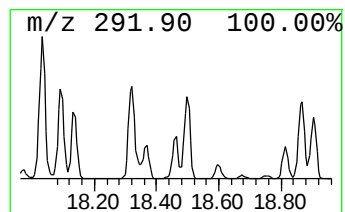
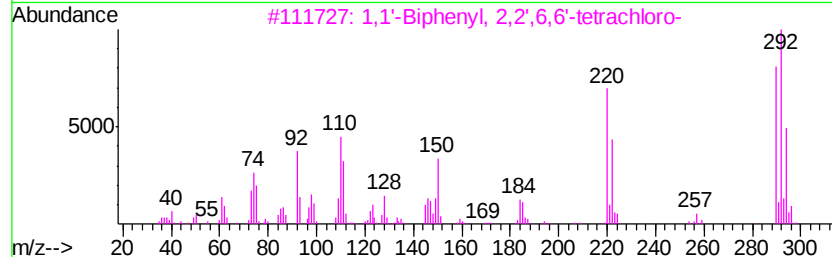
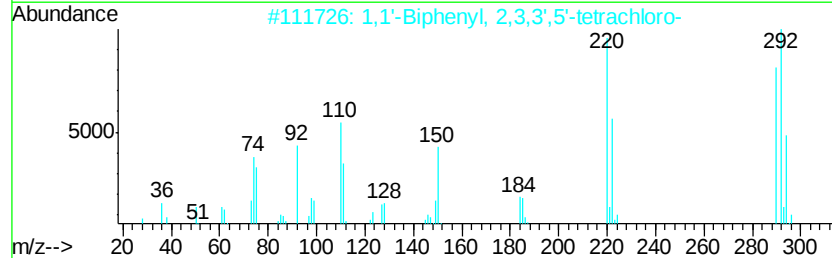
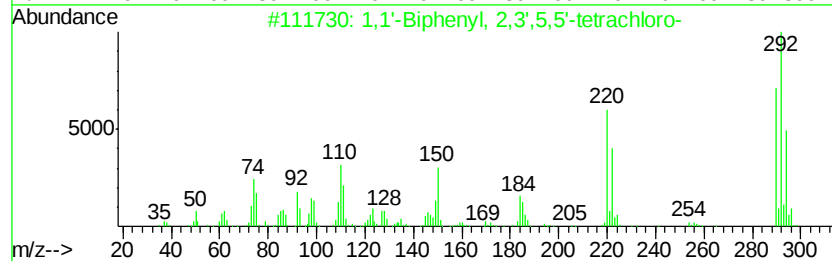
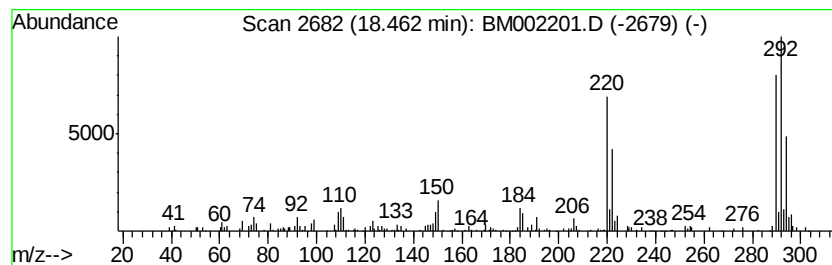
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 1,1'-Biphenyl, 2,3',5,5'-te... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.46	2.08 ng/ul	153112	Phenanthrene-d10	16.96

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3',5,5'-tetrach...	290	C12H6Cl4	041464-42-0	99		
2	1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	98		
3	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	98		
4	1,1'-Biphenyl, 2,2',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	97		
5	1,1'-Biphenyl, 3,3',5,5'-tetrach...	290	C12H6Cl4	033284-52-5	96		



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080315\
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Operator : TP/UM
Sample : G3095-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

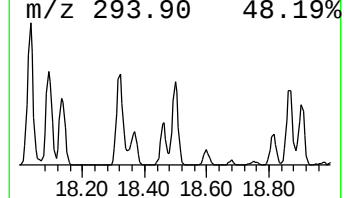
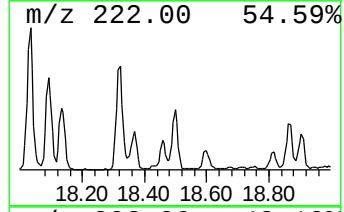
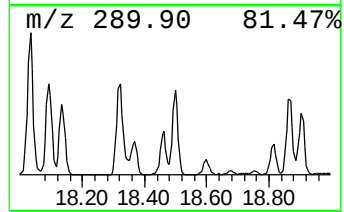
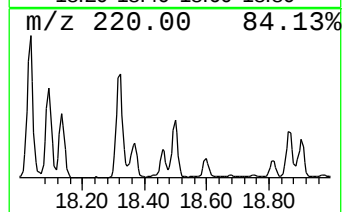
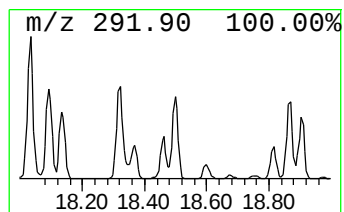
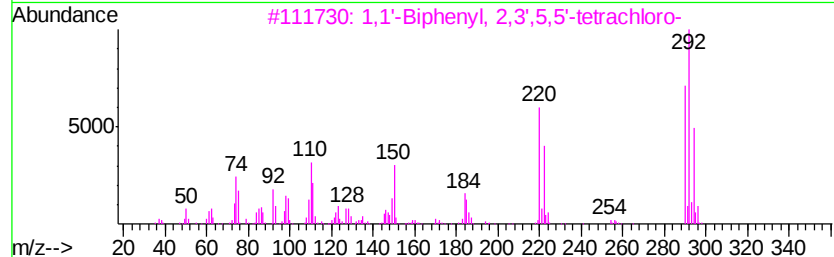
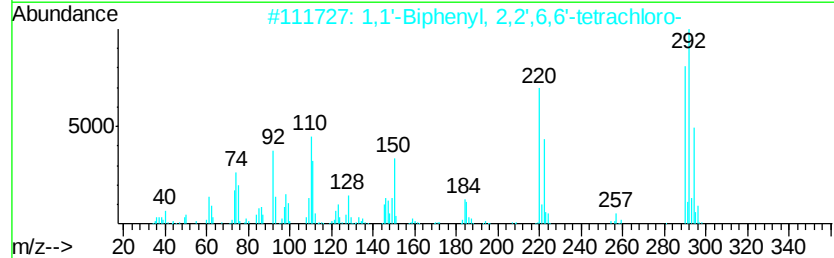
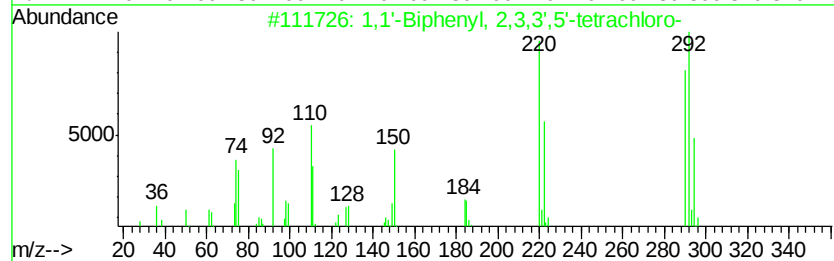
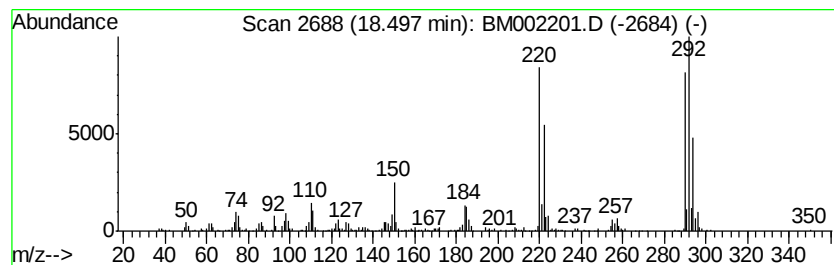
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

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

Peak Number 13 1,1'-Biphenyl, 2,3,3',5'-te... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.50	4.72 ng/ul	347213	Phenanthrene-d10	16.96	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	99
2	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99
3	1,1'-Biphenyl, 2,3',5,5'-tetrach...	290	C12H6Cl4	041464-42-0	98
4	1,1'-Biphenyl, 3,3',4,4'-tetrach...	290	C12H6Cl4	032598-13-3	97
5	1,1'-Biphenyl, 3,3',5,5'-tetrach...	290	C12H6Cl4	033284-52-5	96



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080315\
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Misc :
ALS Vial : 20 Sample Multiplier: 1

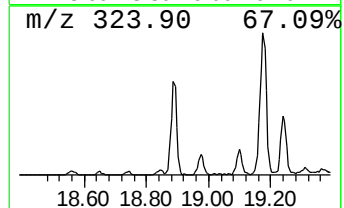
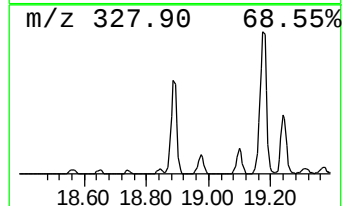
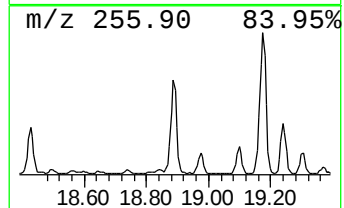
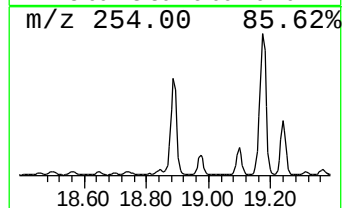
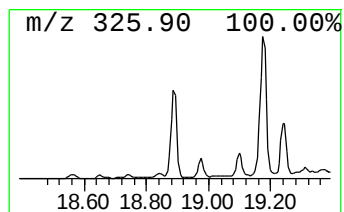
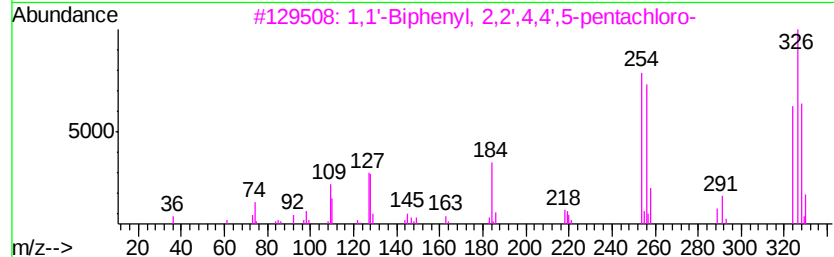
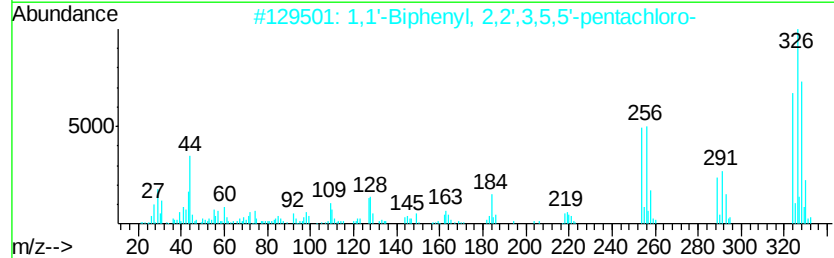
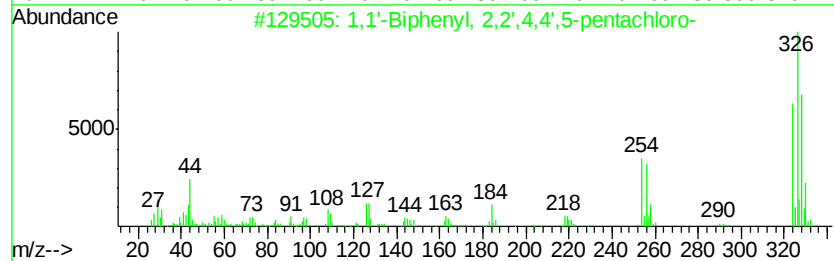
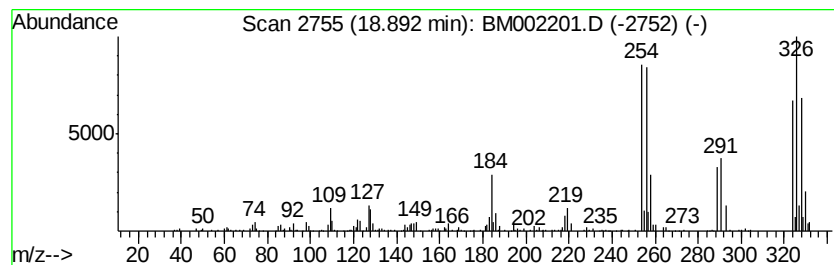
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.89	9.92 ng/ul	729765	Phenanthrene-d10	16.96		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl,	2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	98
2	1,1'-Biphenyl,	2,2',3,5,5'-penta...	324	C12H5Cl5	052663-61-3	96
3	1,1'-Biphenyl,	2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	96
4	1,1'-Biphenyl,	2,2',4,4',6-Penta...	324	C12H5Cl5	039485-83-1	95
5	1,1'-Biphenyl,	2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	95



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080315\
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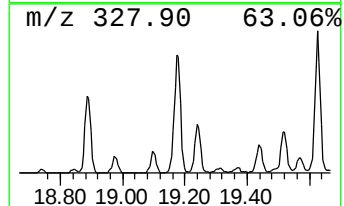
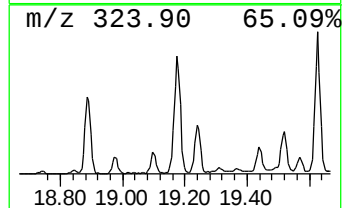
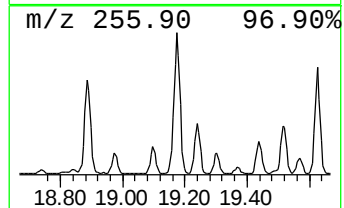
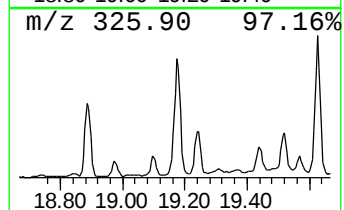
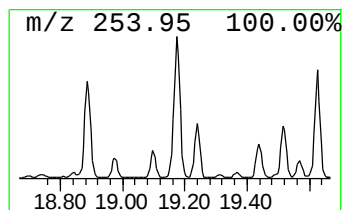
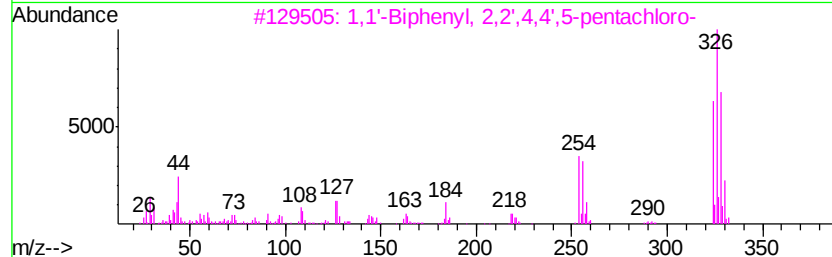
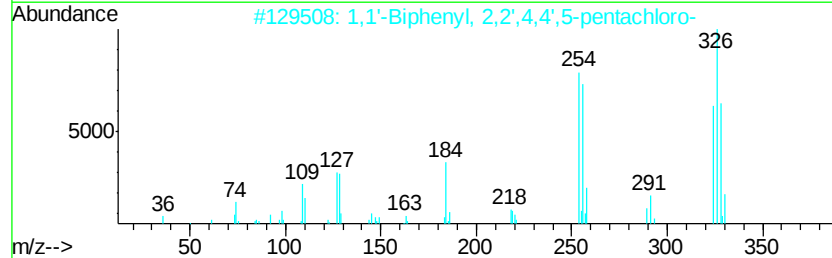
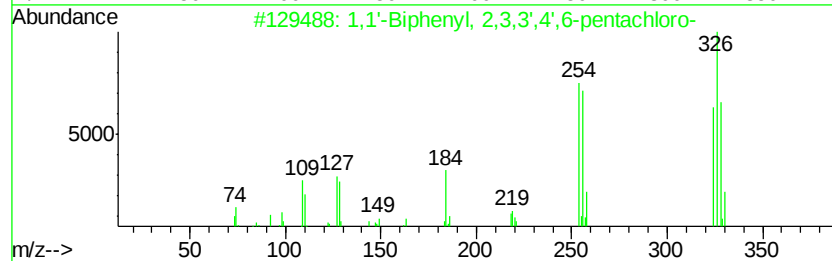
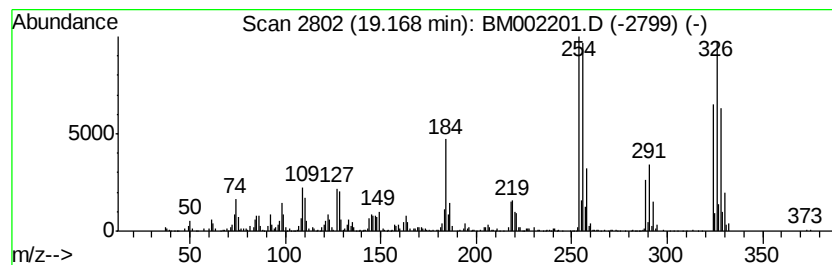
Instrument :
BNA_M
ClientSampled :
C01R4

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 16 1,1'-Biphenyl, 2,3,3',4',6-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.		
19.17	8.26 ng/ul	858526	Chrysene-d12	21.18		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl,	2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
2	1,1'-Biphenyl,	2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	99
3	1,1'-Biphenyl,	2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	97
4	1,1'-Biphenyl,	2,2',3,5,5'-penta...	324	C12H5Cl5	052663-61-3	96
5	1,1'-Biphenyl,	2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	95



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080315\
Data File : BM002201.D
Acq On : 03 Aug 2015 17:21
Operator : TP/UM
Sample : G3095-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C01R4

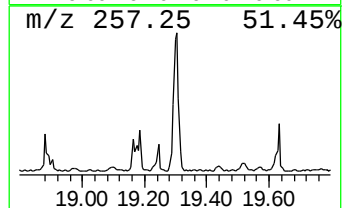
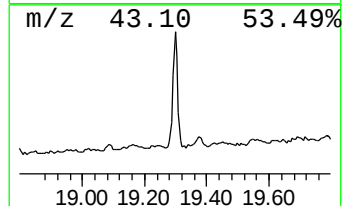
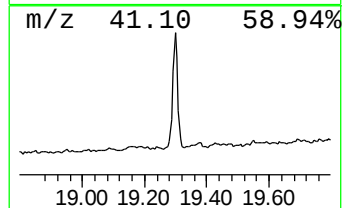
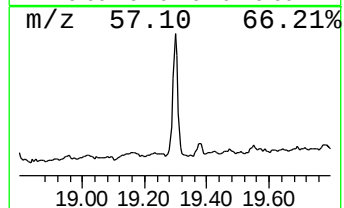
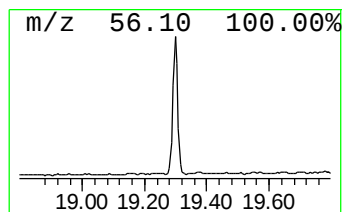
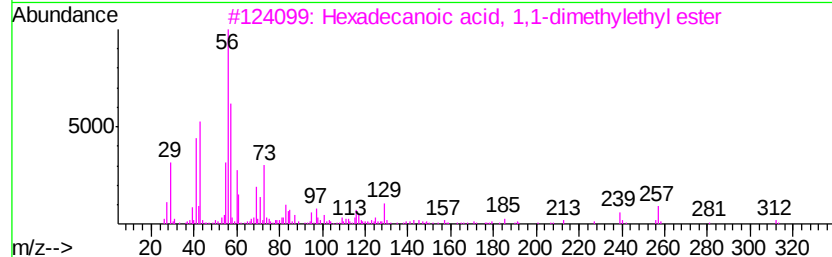
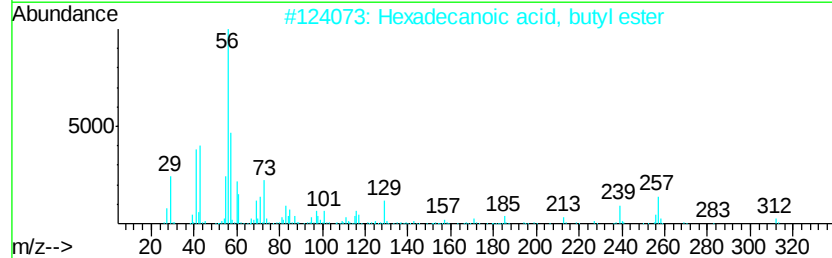
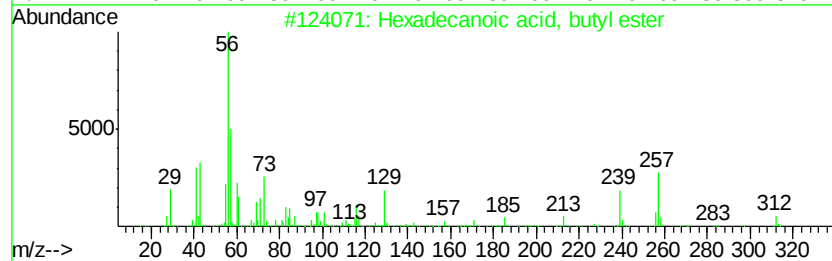
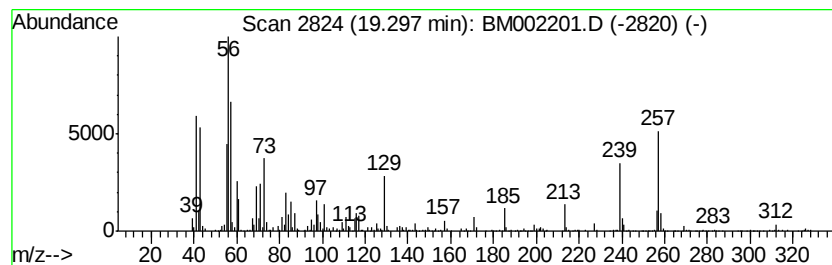
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 Hexadecanoic acid, butyl ester Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.30	7.44 ng/ul	773214	Chrysene-d12	21.18

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	91
2		Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	70
3		Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	60
4		Hexadecanoic acid, 2-methylpropy...	312	C20H40O2	000110-34-9	46
5		Nipecotic acid	129	C6H11NO2	000498-95-3	38



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080315\
Data File : BM002201.D
Acq On : 03 Aug 2015 17:21
Operator : TP/UM
Sample : G3095-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C01R4

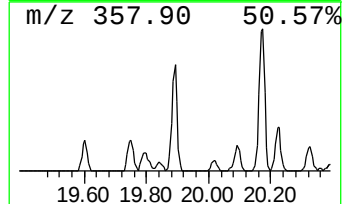
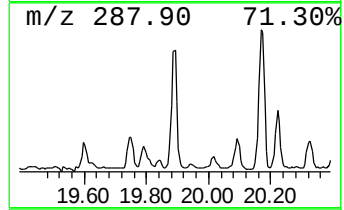
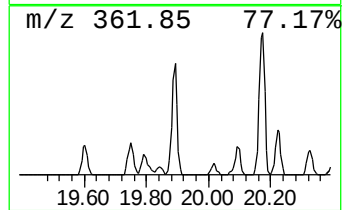
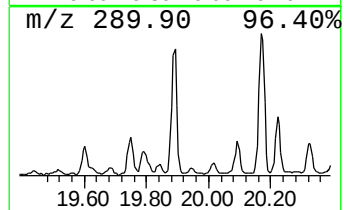
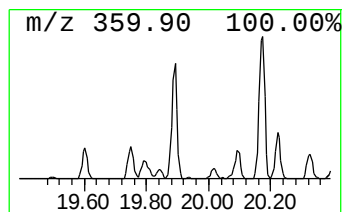
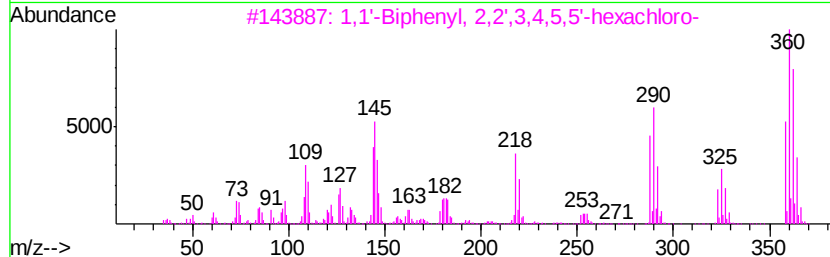
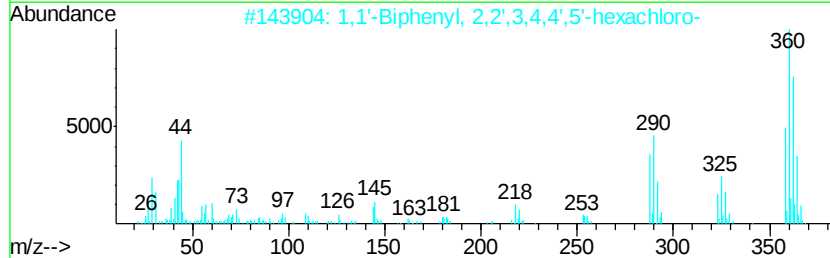
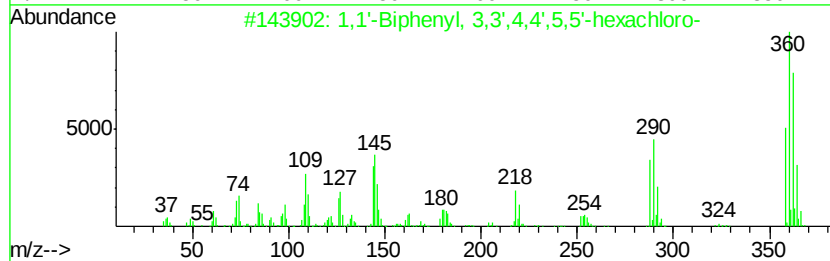
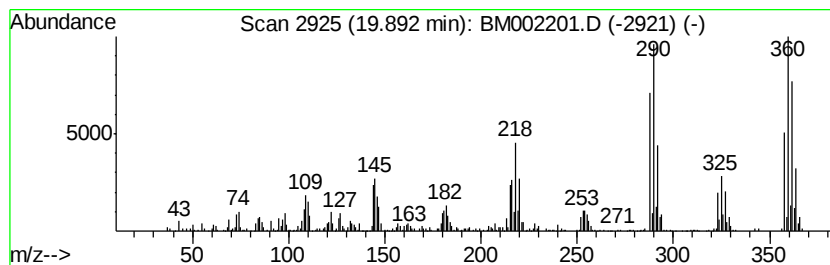
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Quant Title : SVOA CALIBRATION

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

Peak Number 21 1,1'-Biphenyl, 3,3',4,4',5,... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.89	5.19 ng/ul	539368	Chrysene-d12	21.18

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',3,4,5,5'-hex...	358	C12H4Cl6	052712-04-6	99
4		1,1'-Biphenyl, 2,2',3,4,4',6-Hex...	358	C12H4Cl6	056030-56-9	99
5		1,1'-Biphenyl, 2,2',3,3',4,4'-he...	358	C12H4Cl6	038380-07-3	99



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080315\
Data File : BM002201.D
Acq On : 03 Aug 2015 17:21
Operator : TP/UM
Sample : G3095-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C01R4

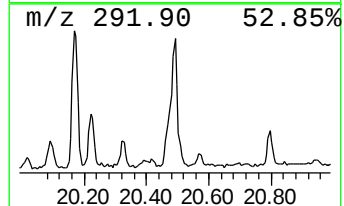
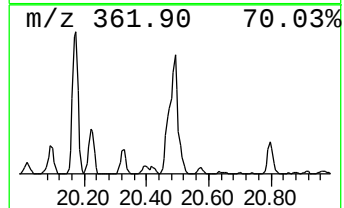
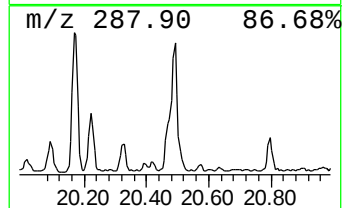
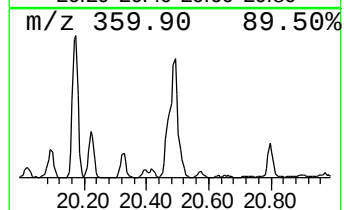
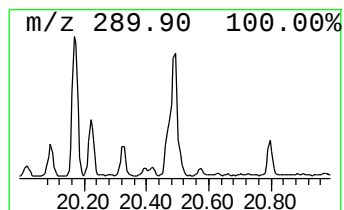
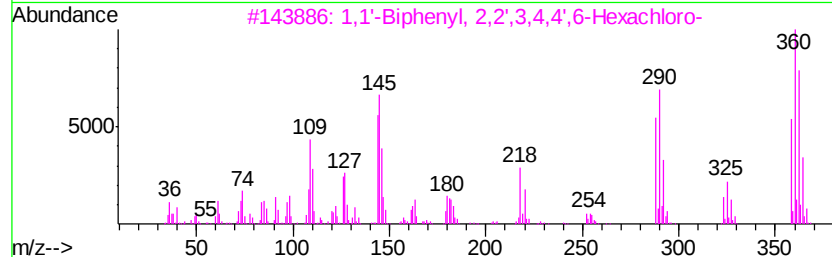
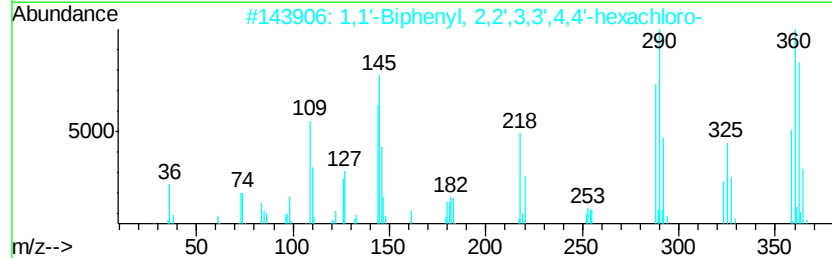
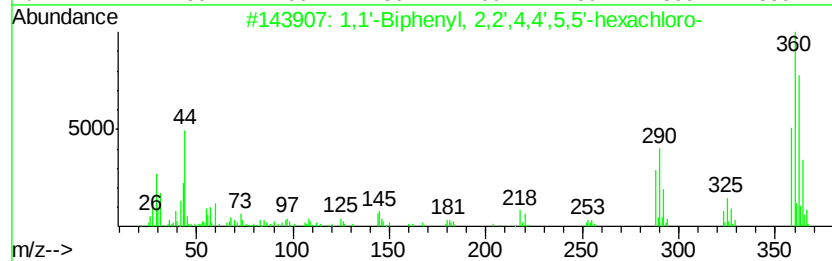
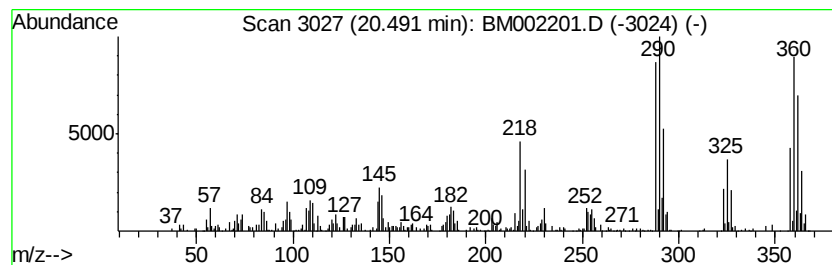
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Quant Title : SVOA CALIBRATION

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

Peak Number 24 1,1'-Biphenyl, 2,2',4,4',5,... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.49	5.14 ng/ul	534171	Chrysene-d12	21.18

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,4',5,5'-he...	358	C12H4Cl6	035065-27-1	96		
2	1,1'-Biphenyl, 2,2',3,3',4,4'-he...	358	C12H4Cl6	038380-07-3	95		
3	1,1'-Biphenyl, 2,2',3,4,4',6-Hex...	358	C12H4Cl6	056030-56-9	94		
4	1,1'-Biphenyl, 2,2',3,4,5',6-he...	358	C12H4Cl6	038380-04-0	94		
5	1,1'-Biphenyl, 2,2',3,4,5,6'-Hex...	358	C12H4Cl6	068194-15-0	94		



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080315\
Data File : BM002201.D
Acq On : 03 Aug 2015 17:21
Operator : TP/UM
Sample : G3095-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C01R4

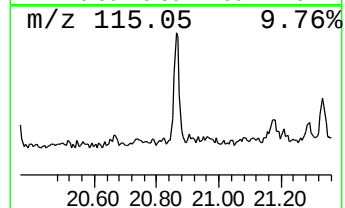
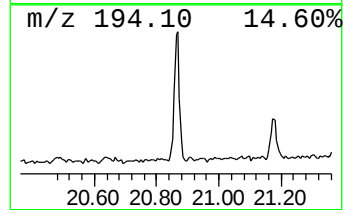
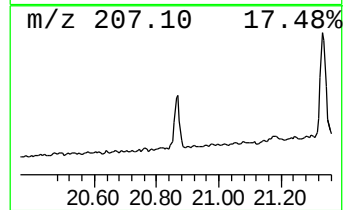
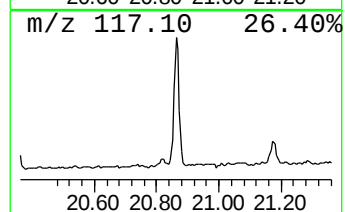
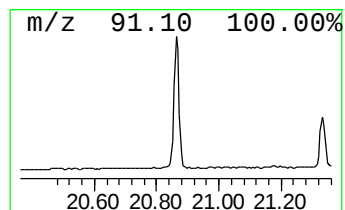
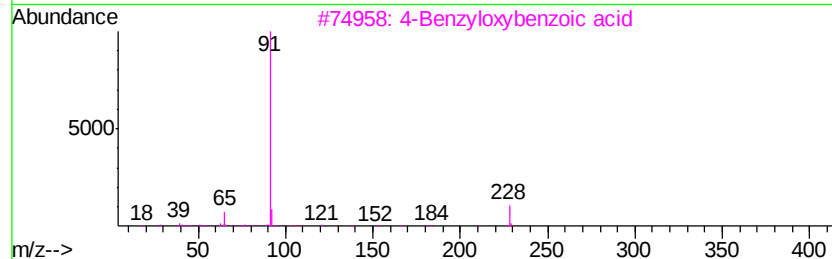
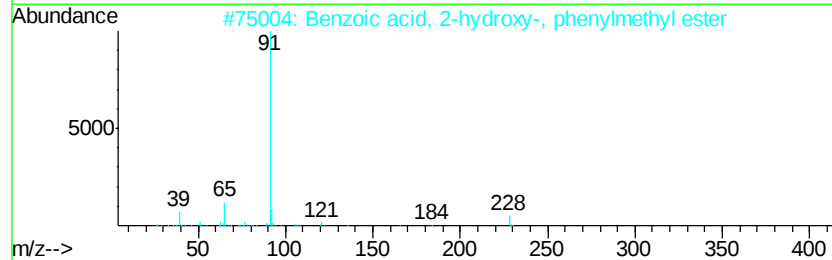
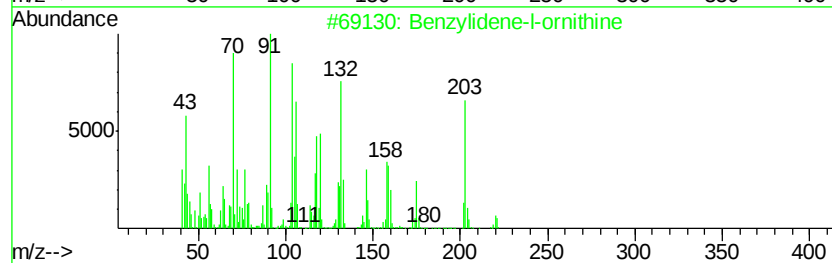
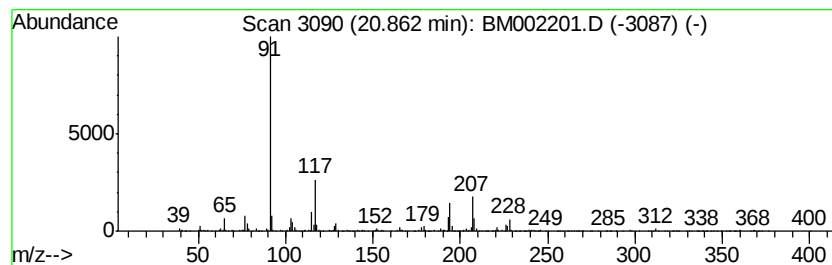
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Quant Title : SVOA CALIBRATION

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

Peak Number 25 unknown-01 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.86	4.44 ng/ul	461191	Chrysene-d12	21.18

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzyldiene-l-ornithine	220	C12H16N2O2	025693-00-9	25
2			Benzoic acid, 2-hydroxy-, phenyl...	228	C14H12O3	000118-58-1	14
3			4-Benzyloxybenzoic acid	228	C14H12O3	001486-51-7	14
4			2,5-Diphenyltetrazole	222	C13H10N4	018039-45-7	12
5			Anisole, 2-(benzyloxy)-5-(2-nitr...	285	C16H15NO4	001860-56-6	11



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080315\
Data File : BM002201.D
Acq On : 03 Aug 2015 17:21
Operator : TP/UM
Sample : G3095-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

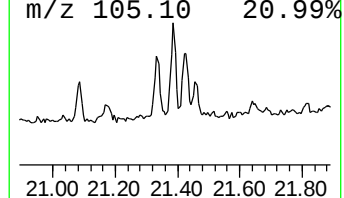
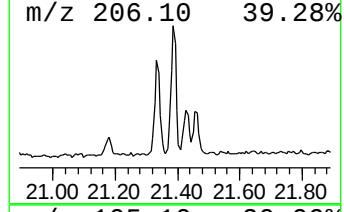
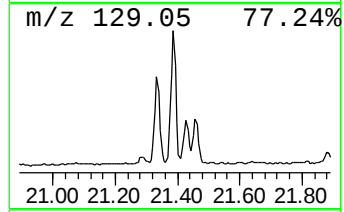
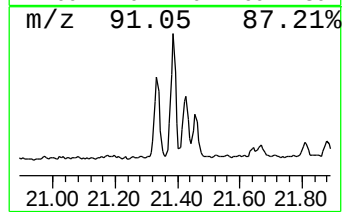
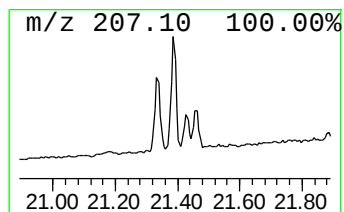
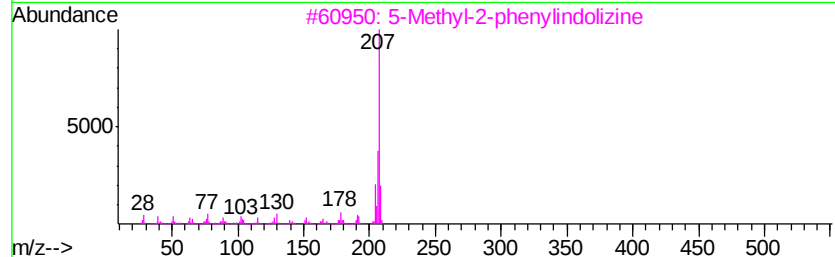
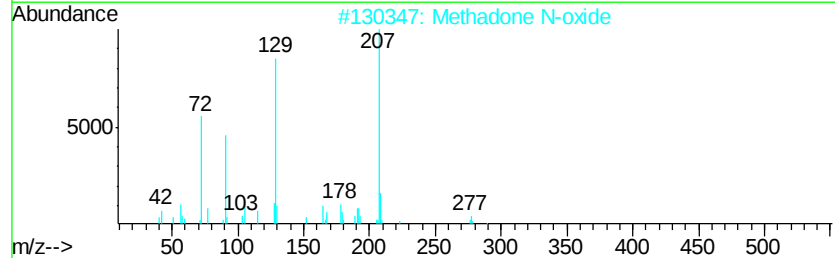
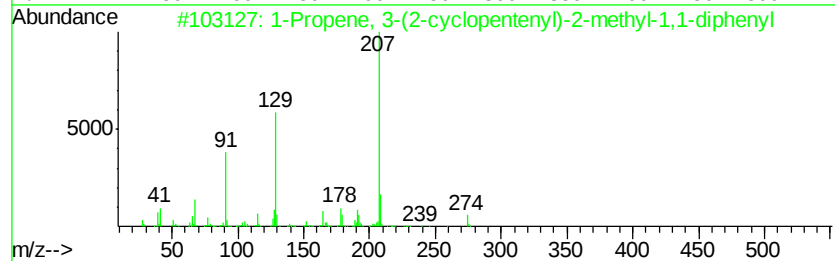
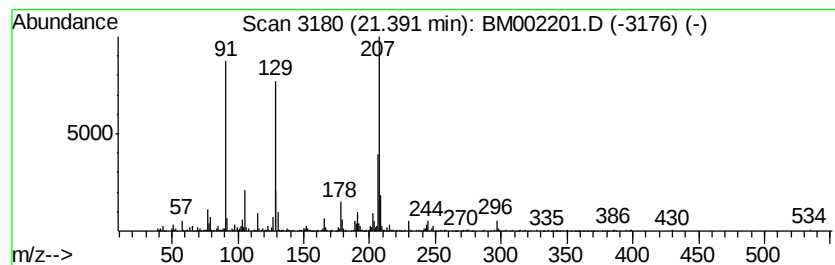
Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

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

Peak Number 26 unknown-02 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.39	4.13 ng/ul	428742	Chrysene-d12	21.18
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Propene, 3-(2-cyclopentenyl)-2...	274 C21H22	1000154-23-3	47
2	Methadone N-oxide	325 C21H27NO2	1000120-80-7	45
3	5-Methyl-2-phenylindolizine	207 C15H13N	036944-99-7	43
4	1H-Indole, 1-methyl-2-phenyl-	207 C15H13N	003558-24-5	41
5	1H-Indole, 2-methyl-3-phenyl-	207 C15H13N	004757-69-1	35



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080315\
 Data File : BM002201.D
 Acq On : 03 Aug 2015 17:21
 Operator : TP/UM
 Sample : G3095-05
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C01R4

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					--Internal Standard--				
					#	RT	Resp	Conc	
1,1'-Biphenyl, 2,...	16.49	2.9	ng/ul	214427	4	16.96	1470600	20.0	
1,1'-Biphenyl, 2,...	17.57	15.9	ng/ul	1165810	4	16.96	1470600	20.0	
1,1'-Biphenyl, 2,...	17.67	4.9	ng/ul	357554	4	16.96	1470600	20.0	
1,1'-Biphenyl, 2,...	18.03	13.3	ng/ul	977405	4	16.96	1470600	20.0	
1,1'-Biphenyl, 2,...	18.32	9.4	ng/ul	693997	4	16.96	1470600	20.0	
1,1'-Biphenyl, 2,...	18.36	2.6	ng/ul	190608	4	16.96	1470600	20.0	
1,1'-Biphenyl, 2,...	18.46	2.1	ng/ul	153112	4	16.96	1470600	20.0	
1,1'-Biphenyl, 2,...	18.50	4.7	ng/ul	347213	4	16.96	1470600	20.0	
1,1'-Biphenyl, 2,...	18.89	9.9	ng/ul	729765	4	16.96	1470600	20.0	
1,1'-Biphenyl, 2,...	19.17	8.3	ng/ul	858526	5	21.18	2078690	20.0	
Hexadecanoic acid...	19.30	7.4	ng/ul	773214	5	21.18	2078690	20.0	
1,1'-Biphenyl, 3,...	19.89	5.2	ng/ul	539368	5	21.18	2078690	20.0	
1,1'-Biphenyl, 2,...	20.49	5.1	ng/ul	534171	5	21.18	2078690	20.0	
unknown-01	20.86	4.4	ng/ul	461191	5	21.18	2078690	20.0	
unknown-02	21.39	4.1	ng/ul	428742	5	21.18	2078690	20.0	