LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080915\
Data File : BG018347.D
Acq On : 10 Aug 2015 2:43
Operator : UM/TP
Sample : G3136-21
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K8

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 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-BG080915.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	3.221	60	65	70	rVB2	23168	35016	1.36%	0.083%
2	3.867	172	175	185	rVB	94645	137066	5.32%	0.324%
3	4.043	200	205	210	rBV	29571	43911	1.71%	0.104%
4	5.724	486	491	493	rBV2	23062	36860	1.43%	0.087%
5	6.094	548	554	559	rVB2	35865	58685	2.28%	0.139%
6	7.069	712	720	727	rVV6	34360	78412	3.05%	0.185%
7	7.169	733	737	741	rVV	28387	44551	1.73%	0.105%
8	7.234	741	748	755	rVV2	164759	302287	11.74%	0.714%
9	7.304	755	760	766	rVB2	29104	51268	1.99%	0.121%
10	7.398	770	776	783	rBV	134337	229036	8.90%	0.541%
11	7.469	783	788	795	rVB	24689	40661	1.58%	0.096%
12	7.610	806	812	824	rVV	150910	277247	10.77%	0.655%
13	7.727	824	832	836	rVV4	69395	122128	4.74%	0.288%
14	8.080	884	892	901	rBV	485858	882325	34.28%	2.083%
15	8.197	908	912	920	rBV3	30102	58414	2.27%	0.138%
16	8.456	949	956	961	rBV7	16859	34623	1.34%	0.082%
17	8.626	980	985	991	rVV3	39672	76600	2.98%	0.181%
18	8.720	996	1001	1005	rBV3	48114	87915	3.42%	0.208%
19	8.773	1005	1010	1016	rVB4	54783	103426	4.02%	0.244%
20	8.967	1039	1043	1050	rVB10	12224	29000	1.13%	0.068%
21	9.084	1058	1063	1069	rVB2	30731	58677	2.28%	0.139%
22	9.184	1069	1080	1084	rBV2	64796	148781	5.78%	0.351%
23	9.237	1084	1089	1095	rVV	155293	278670	10.83%	0.658%
24	9.308	1097	1101	1106	rVB2	38717	53220	2.07%	0.126%
25	9.437	1119	1123	1128	rVB6	29035	59441	2.31%	0.140%
26	9.560	1143	1144	1151	rVB7	24895	33275	1.29%	0.079%
27	9.660	1158	1161	1165	rVV5	17734	30869	1.20%	0.073%
28	9.713	1165	1170	1175	rVV3	42221	83016	3.22%	0.196%
29	9.766	1175	1179	1184	rVV2	52090	95724	3.72%	0.226%
30	9.960	1205	1212	1217	rBV3	157667	302989	11.77%	0.715%
31	10.013	1218	1221	1226	rVB6	25815	38405	1.49%	0.091%
32	10.071	1226	1231	1237	rBV7	46781	109334	4.25%	0.258%
33	10.230	1253	1258	1262	rBV7	30610	54855	2.13%	0.130%
34	10.289	1263	1268	1275	rVV9	42605	108300	4.21%	0.256%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080915\
Data File : BG018347.D
Acq On : 10 Aug 2015 2:43
Operator : UM/TP
Sample : G3136-21
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K8

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 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-BG080915.M
Title : SVOA CALIBRATION

35	10.342	1275	1277	1284	rVB5	31703	51814	2.01%	0.122%
36	10.412	1284	1289	1293	rBV4	21329	38631	1.50%	0.091%
37	10.500	1294	1304	1311	rVB	177064	367548	14.28%	0.868%
38	10.583	1313	1318	1323	rBV2	36136	66925	2.60%	0.158%
39	10.659	1327	1331	1337	rBV8	18315	42393	1.65%	0.100%
40	10.747	1340	1346	1358	rBV8	57478	165771	6.44%	0.391%
41	10.882	1359	1369	1375	rBV	802079	1585692	61.60%	3.744%
42	11.012	1385	1391	1393	rBV2	86356	159213	6.18%	0.376%
43	11.041	1393	1396	1402	rVB	112433	182945	7.11%	0.432%
44	11.106	1402	1407	1411	rBV5	41724	74530	2.90%	0.176%
45	11.170	1415	1418	1423	rVB6	22895	41681	1.62%	0.098%
46	11.299	1436	1440	1446	rVB6	21422	47034	1.83%	0.111%
47	11.382	1451	1454	1459	rVB4	48507	81301	3.16%	0.192%
48	11.440	1459	1464	1466	rBV6	20730	33524	1.30%	0.079%
49	11.552	1479	1483	1484	rVV4	32881	41006	1.59%	0.097%
50	11.587	1485	1489	1496	rVV8	54666	140427	5.46%	0.332%
51	11.652	1496	1500	1505	rVV7	35349	70126	2.72%	0.166%
52	11.722	1507	1512	1518	rVV6	54779	108344	4.21%	0.256%
53	11.799	1520	1525	1532	rVB7	69546	139121	5.40%	0.328%
54	11.905	1537	1543	1547	rBV	191409	316087	12.28%	0.746%
55	11.981	1554	1556	1564	rVB7	49855	92209	3.58%	0.218%
56	12.081	1568	1573	1579	rVV9	25162	60106	2.33%	0.142%
57	12.169	1584	1588	1592	rVV4	37360	58057	2.26%	0.137%
58	12.292	1606	1609	1616	rBV4	52038	89406	3.47%	0.211%
59	12.516	1640	1647	1654	rVB5	100575	278572	10.82%	0.658%
60	12.616	1660	1664	1669	rBV6	31434	69989	2.72%	0.165%
61	12.745	1682	1686	1694	rVB8	45727	108316	4.21%	0.256%
62	12.921	1713	1716	1720	rVB4	52011	63632	2.47%	0.150%
63	13.103	1744	1747	1750	rBV5	33629	50522	1.96%	0.119%
64	13.244	1766	1771	1776	rVB	359405	529163	20.56%	1.249%
65	13.303	1776	1781	1786	rBV8	59089	131960	5.13%	0.312%
66	13.526	1810	1819	1827	rBV7	186958	586124	22.77%	1.384%
67	13.620	1832	1835	1843	rVV7	85272	234014	9.09%	0.553%
68	13.691	1843	1847	1851	rVB2	164256	232781	9.04%	0.550%
69	13.761	1856	1859	1865	rVB7	64971	111785	4.34%	0.264%
70	14.096	1912	1916	1919	rBV	327658	467264	18.15%	1.103%
71	14.143	1920	1924	1927	rVV2	239289	457353	17.77%	1.080%

LSC Area Percent Report

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Data File : BG018347.D
Acq On : 10 Aug 2015 2:43
Operator : UM/TP
Sample : G3136-21
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K8

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 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-BG080915.M
Title : SVOA CALIBRATION

72	14.184	1927	1931	1935	rVB	615714	812764	31.57%	1.919%
73	14.225	1935	1938	1939	rBV3	81675	91620	3.56%	0.216%
74	14.349	1957	1959	1962	rBV3	55910	72373	2.81%	0.171%
75	14.390	1962	1966	1971	rVB	410693	599182	23.28%	1.415%
76	14.537	1987	1991	1996	rVB2	323897	499023	19.39%	1.178%
77	14.596	1997	2001	2009	rBV4	181325	379099	14.73%	0.895%
78	14.701	2009	2019	2026	rVV2	1314866	2574209	100.00%	6.078%
79	15.095	2083	2086	2091	rVB	187449	237006	9.21%	0.560%
80	15.218	2103	2107	2115	rVB4	282225	440795	17.12%	1.041%
81	15.489	2150	2153	2159	rBV5	158268	276491	10.74%	0.653%
82	15.541	2160	2162	2166	rVB2	157240	176999	6.88%	0.418%
83	15.688	2183	2187	2191	rVB	430198	609352	23.67%	1.439%
84	15.953	2227	2232	2237	rVB	722416	1141114	44.33%	2.694%
85	16.435	2306	2314	2320	rBV	1418619	2557737	99.36%	6.039%
86	17.257	2449	2454	2462	rVB	956387	1508085	58.58%	3.561%
87	17.445	2481	2486	2490	rBV2	1463660	2257605	87.70%	5.330%
88	17.539	2499	2502	2506	rVB2	386794	486646	18.90%	1.149%
89	18.509	2663	2667	2672	rVB	1274565	1721159	66.86%	4.064%
90	18.567	2674	2677	2681	rVB2	759766	905243	35.17%	2.137%
91	18.791	2712	2715	2719	rVB	407897	474547	18.43%	1.120%
92	19.319	2802	2805	2807	rBV	760356	901128	35.01%	2.128%
93	19.349	2807	2810	2816	rVB2	1189560	1749949	67.98%	4.132%
94	19.549	2840	2844	2848	rBV2	916476	1194413	46.40%	2.820%
95	19.631	2854	2858	2864	rVB	1457300	2112360	82.06%	4.988%
96	19.695	2865	2869	2873	rVB2	795183	1009180	39.20%	2.383%
97	20.071	2930	2933	2939	rVB2	1655222	2271451	88.24%	5.363%
98	20.336	2975	2978	2981	rVB3	683039	738161	28.68%	1.743%
99	20.612	3022	3025	3028	rVB2	690018	784200	30.46%	1.852%
100	21.611	3192	3195	3205	rVB	1428026	2210776	85.88%	5.220%

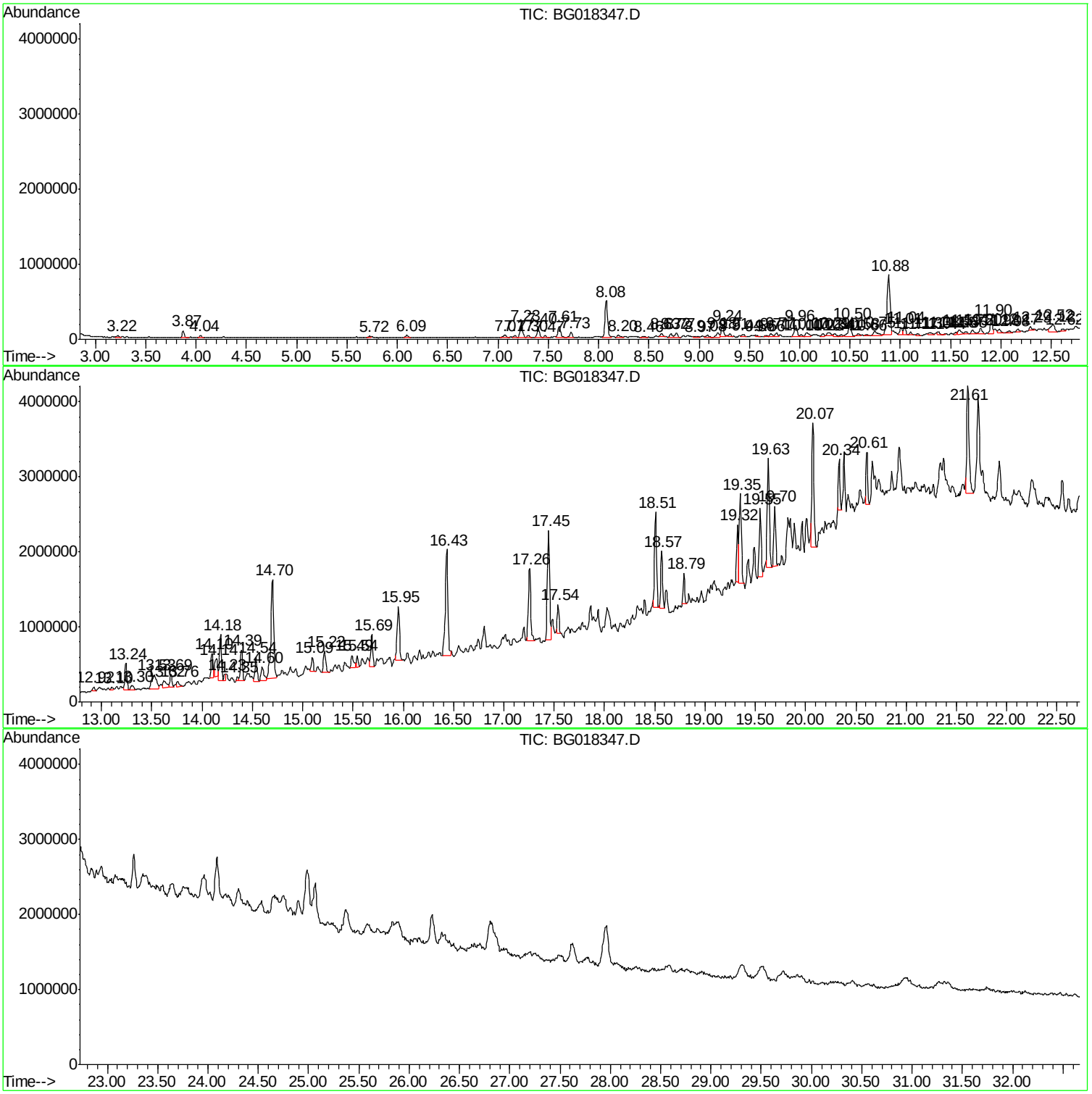
Sum of corrected areas: 42353020

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080915\
Data File : BG018347.D
Acq On : 10 Aug 2015 2:43
Operator : UM/TP
Sample : G3136-21
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C02K8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080915\
Data File : BG018347.D
Acq On : 10 Aug 2015 2:43
Operator : UM/TP
Sample : G3136-21
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

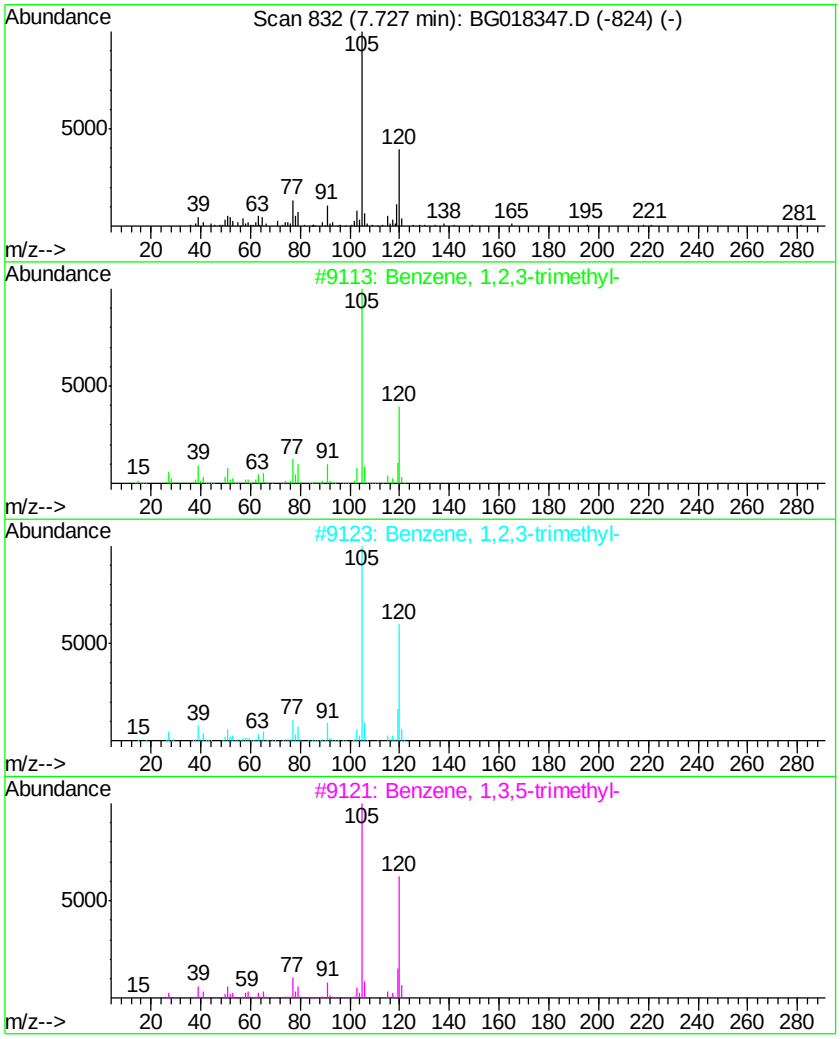
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

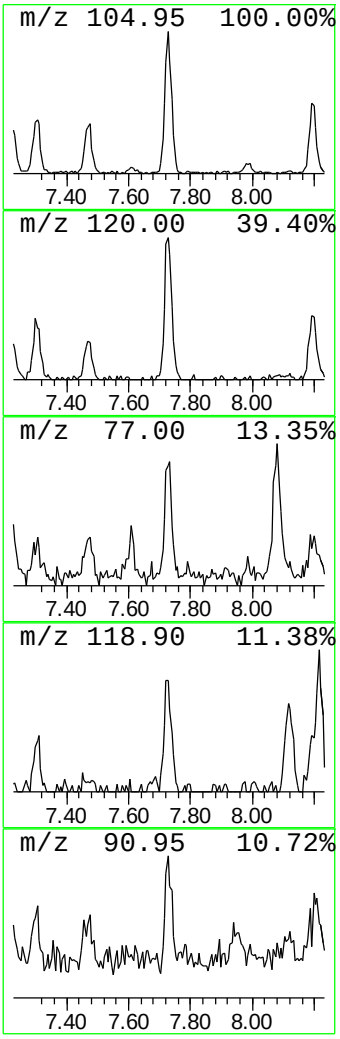
****

Peak Number 2 Benzene, 1,2,3-trimethyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.73	2.77 ng/ul	122128	1,4-Dichlorobenzene-d4	8.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
3	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080915\
Data File : BG018347.D
Acq On : 10 Aug 2015 2:43
Operator : UM/TP
Sample : G3136-21
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

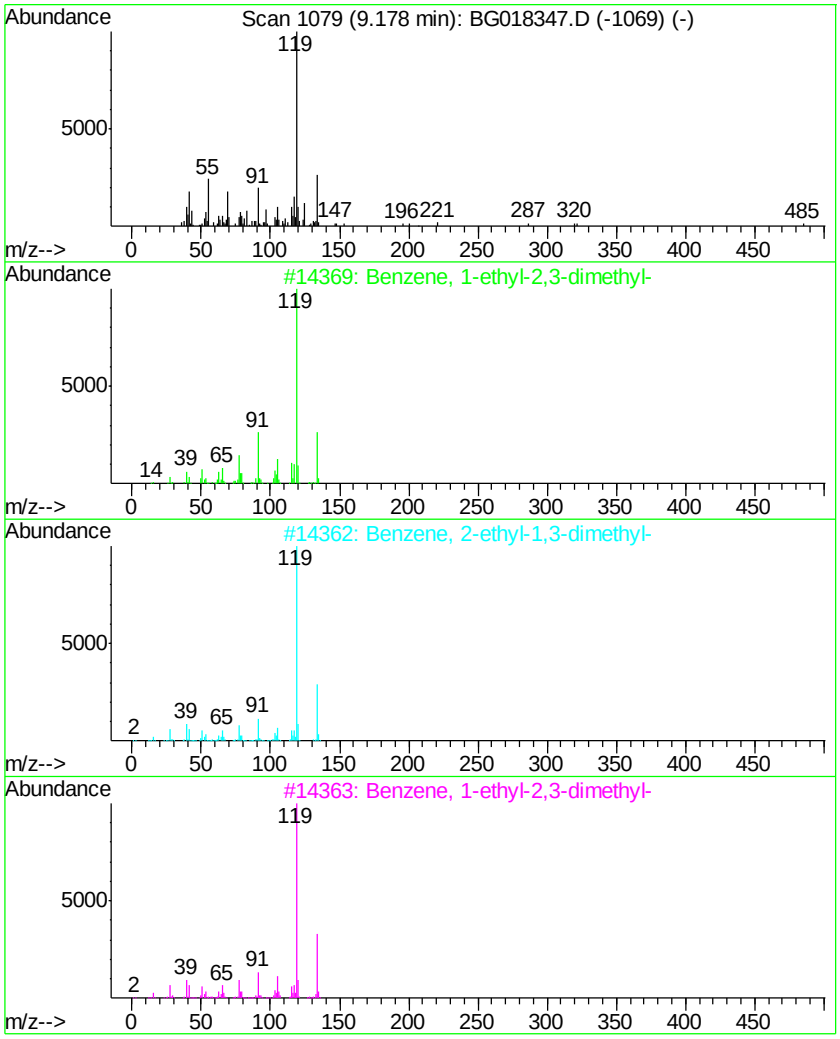
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

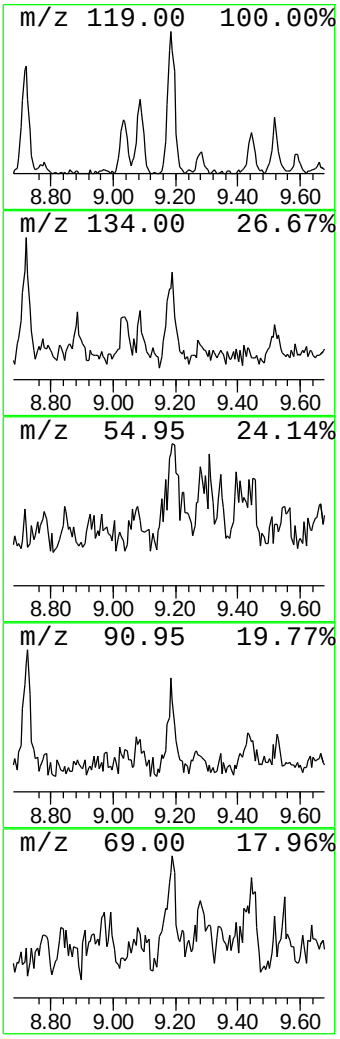
****

Peak Number 3 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.18	3.37 ng/ul	148781	1,4-Dichlorobenzene-d4	8.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	93
2	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	81
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	81
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	81
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	81





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080915\
Data File : BG018347.D
Acq On : 10 Aug 2015 2:43
Operator : UM/TP
Sample : G3136-21
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

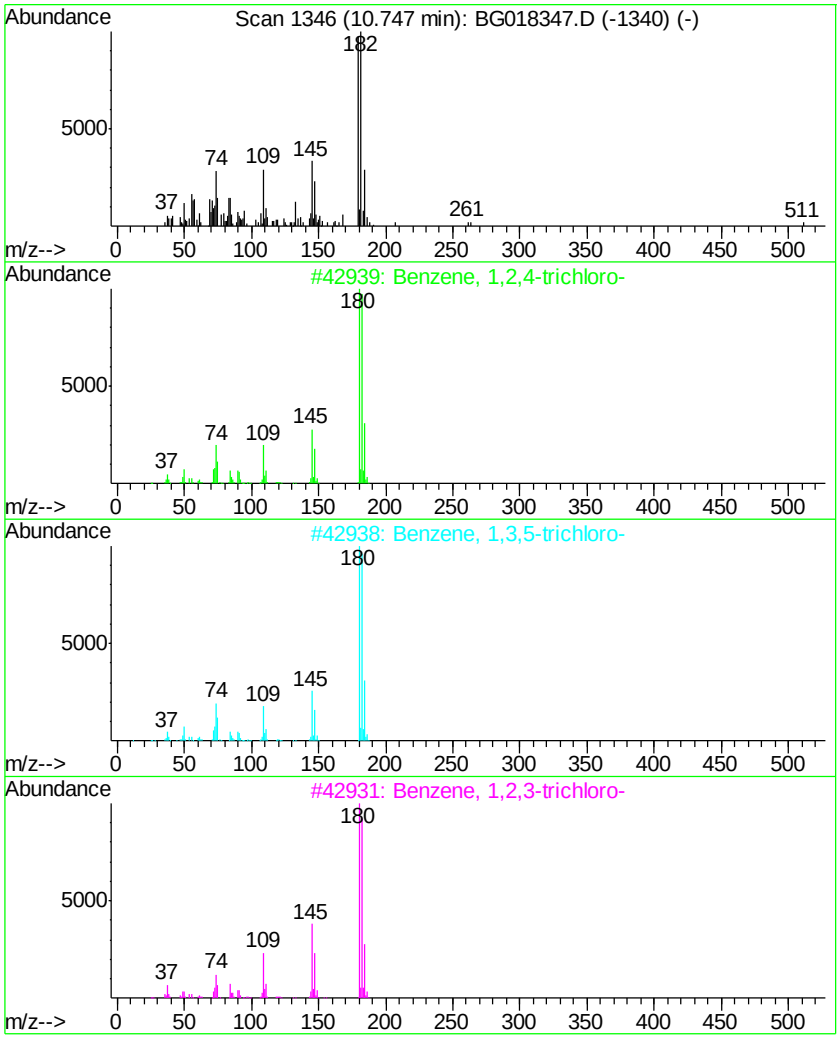
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

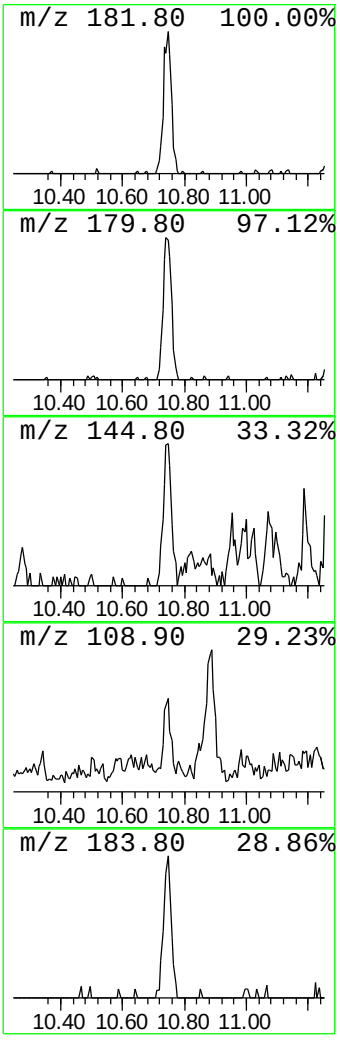
****

Peak Number 4 Benzene, 1,2,4-trichloro- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.75	2.09 ng/ul	165771	Naphthalene-d8	10.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4-trichloro-	180	C6H3Cl3	000120-82-1	98
2	Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	96
3	Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	95
4	Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	95
5	Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	94





Data Path : Z:\HPCHEM1\BNA G\DATA\BG080915\
Data File : BG018347.D
Acq On : 10 Aug 2015 2:43
Operator : UM/TP
Sample : G3136-21
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K8

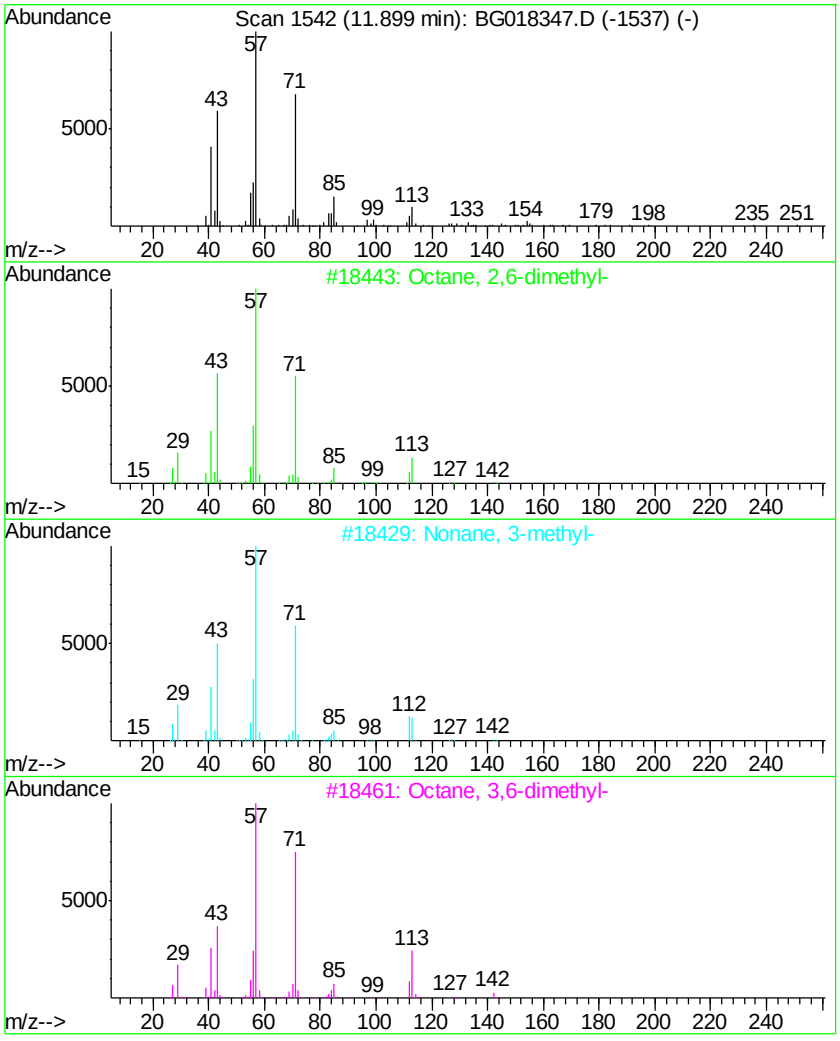
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

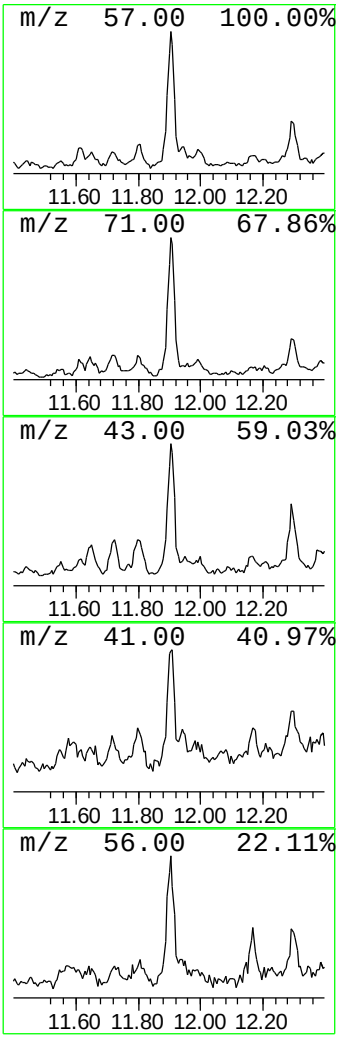
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	3.99 ng/ul	316087	Naphthalene-d8	10.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	78
2	Nonane, 3-methyl-	142	C10H22	005911-04-6	72
3	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	64
4	2-Ethylhexyl mercaptoacetate	204	C10H20O2S	007659-86-1	59
5	Eicosane	282	C20H42	000112-95-8	59





Data Path : Z:\HPCHEM1\BNA G\DATA\BG080915\
Data File : BG018347.D
Acq On : 10 Aug 2015 2:43
Operator : UM/TP
Sample : G3136-21
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

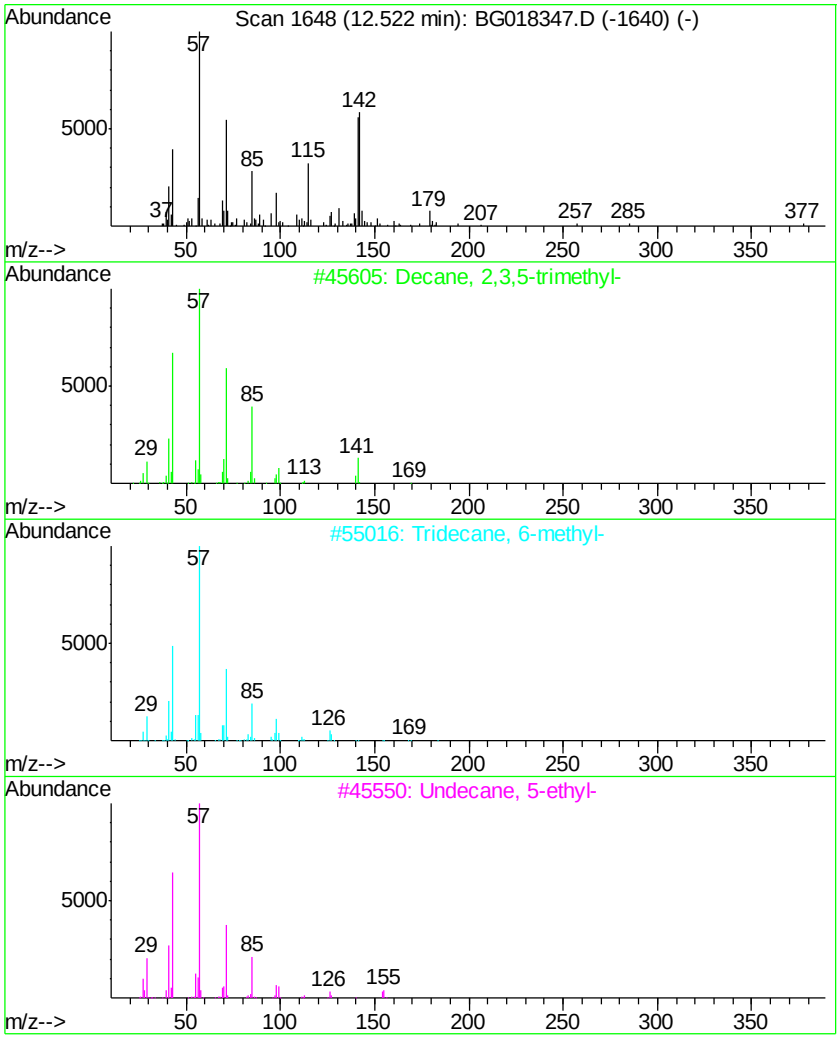
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

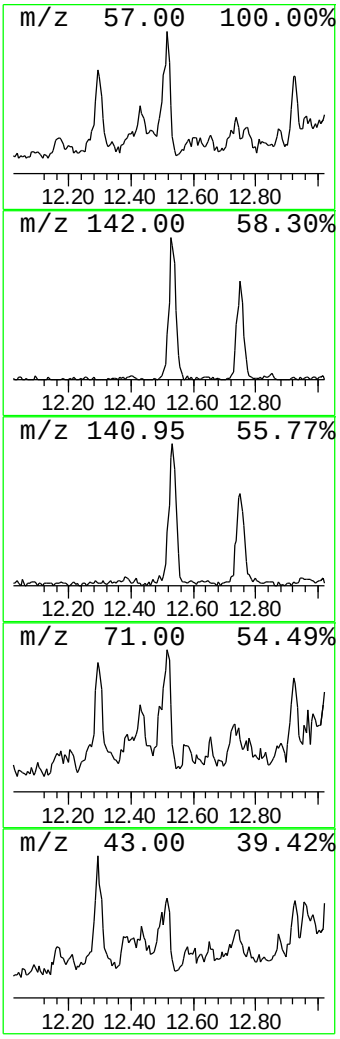
****

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.52	3.51 ng/ul	278572	Naphthalene-d8	10.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	53
2	Tridecane, 6-methyl-	198	C14H30	013287-21-3	47
3	Undecane, 5-ethyl-	184	C13H28	017453-94-0	47
4	Hentriacontane	437	C31H64	000630-04-6	43
5	Octane, 4-ethyl-	142	C10H22	015869-86-0	43





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Acq On : 10 Aug 2015 2:43
Operator : UM/TP
Sample : G3136-21
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

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

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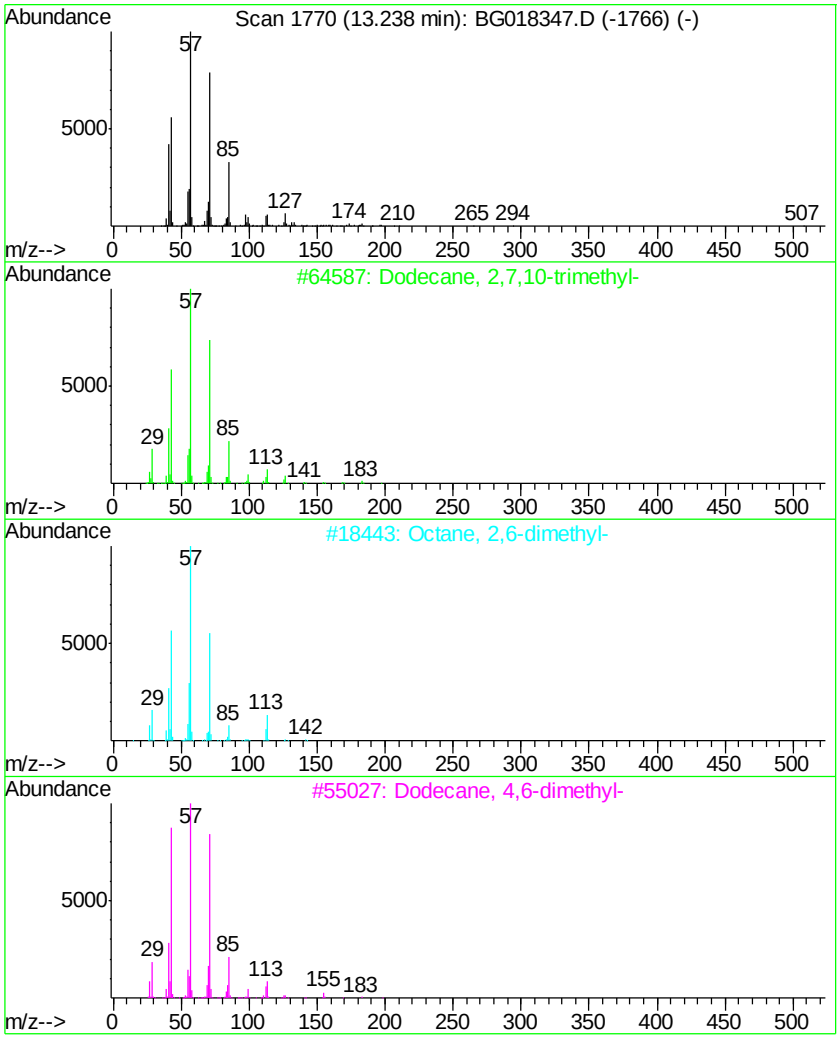
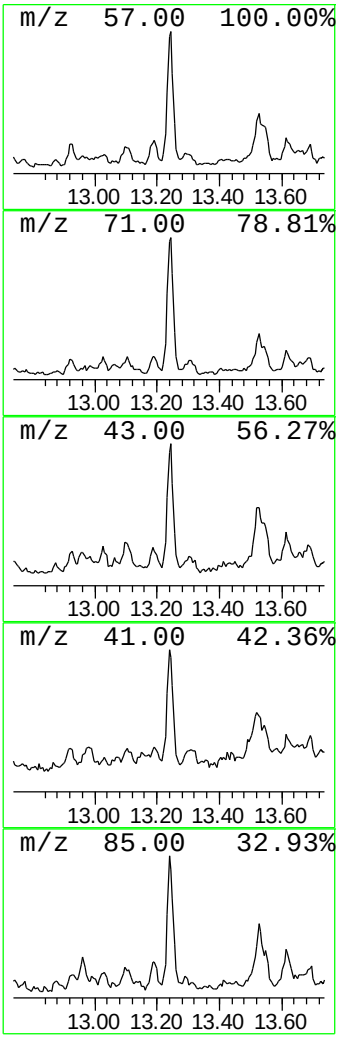
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.24	4.11 ng/ul	529163	Acenaphthene-d10	14.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	90
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	80
3	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	76
4	Decane, 5-propyl-	184	C13H28	017312-62-8	72
5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	72





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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

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

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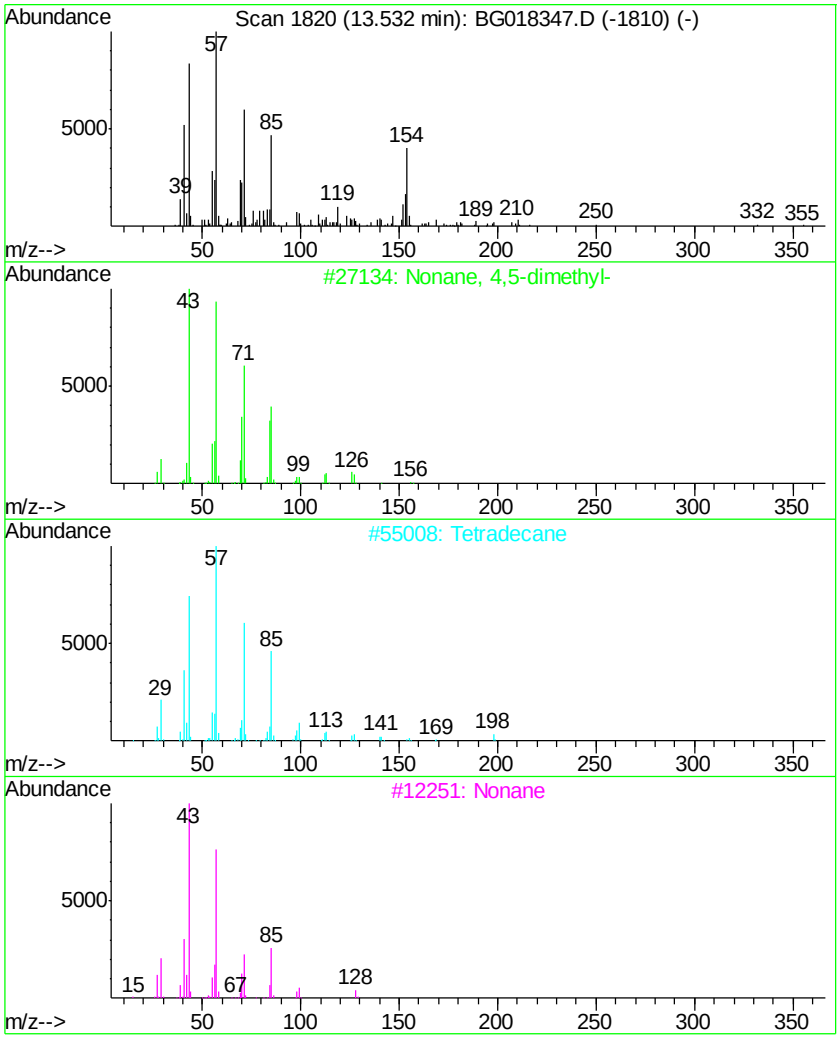
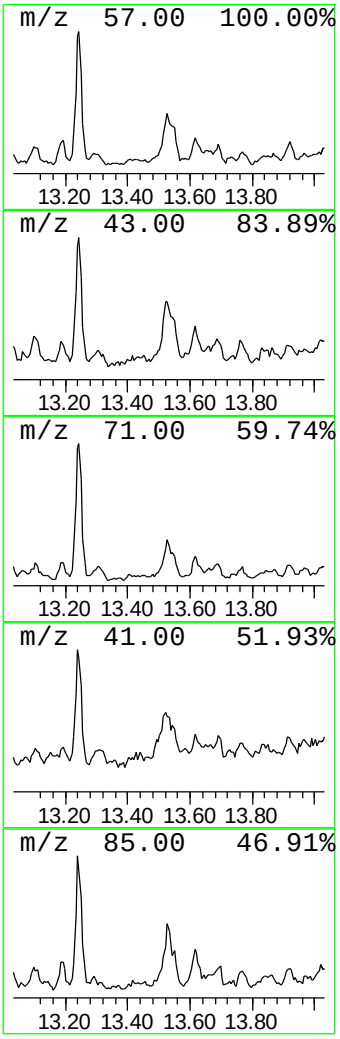
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.53	4.55 ng/ul	586124	Acenaphthene-d10	14.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	62
2	Tetradecane	198	C14H30	000629-59-4	60
3	Nonane	128	C9H20	000111-84-2	58
4	Octane, 3-ethyl-2,7-dimethyl-	170	C12H26	062183-55-5	47
5	1,3-Dimethylcyclopentanol	114	C7H14O	019550-46-0	45





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Misc :
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Instrument : BNA_G
ClientSampleId : C02K8

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Quant Title : SVOA CALIBRATION

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

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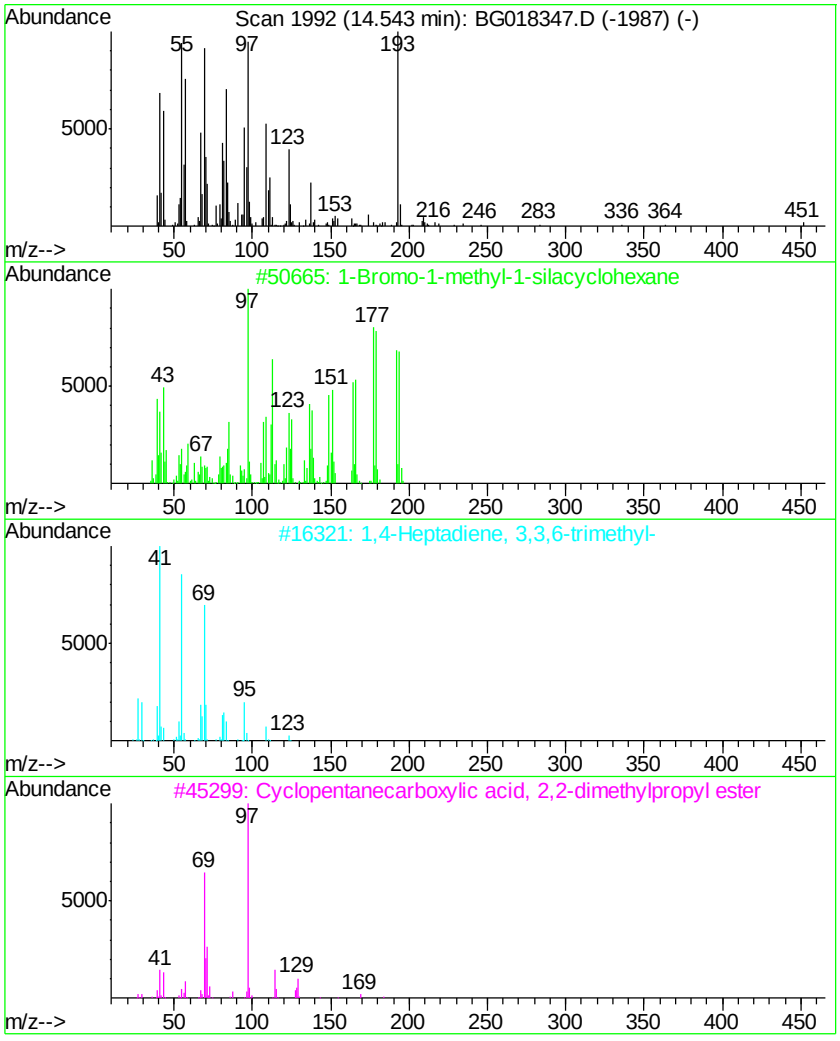
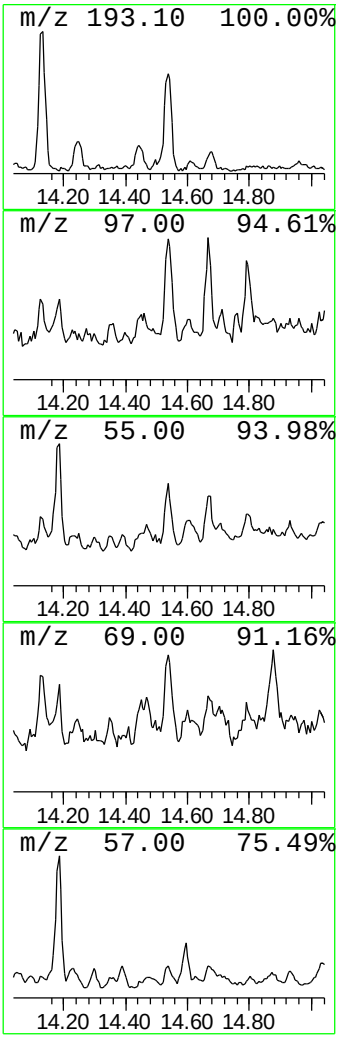
Peak Number 9 1-Bromo-1-methyl-1-silacycl... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.54	3.88 ng/ul	499023	Acenaphthene-d10	14.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Bromo-1-methyl-1-silacyclohexane	192	C6H13BrSi	085125-32-2	78
2	1,4-Heptadiene, 3,3,6-trimethyl-	138	C10H18	074498-89-8	22
3	Cyclopentanecarboxylic acid, 2,2...	184	C11H20O2	1000282-42-6	22
4	Cyclohexane, 1-(cyclohexylmethyl...	194	C14H26	054823-96-0	18
5	Cyclohexane, 1-(cyclohexylmethyl...	194	C14H26	054823-97-1	15





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ClientSampleId : C02K8

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Quant Title : SVOA CALIBRATION

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

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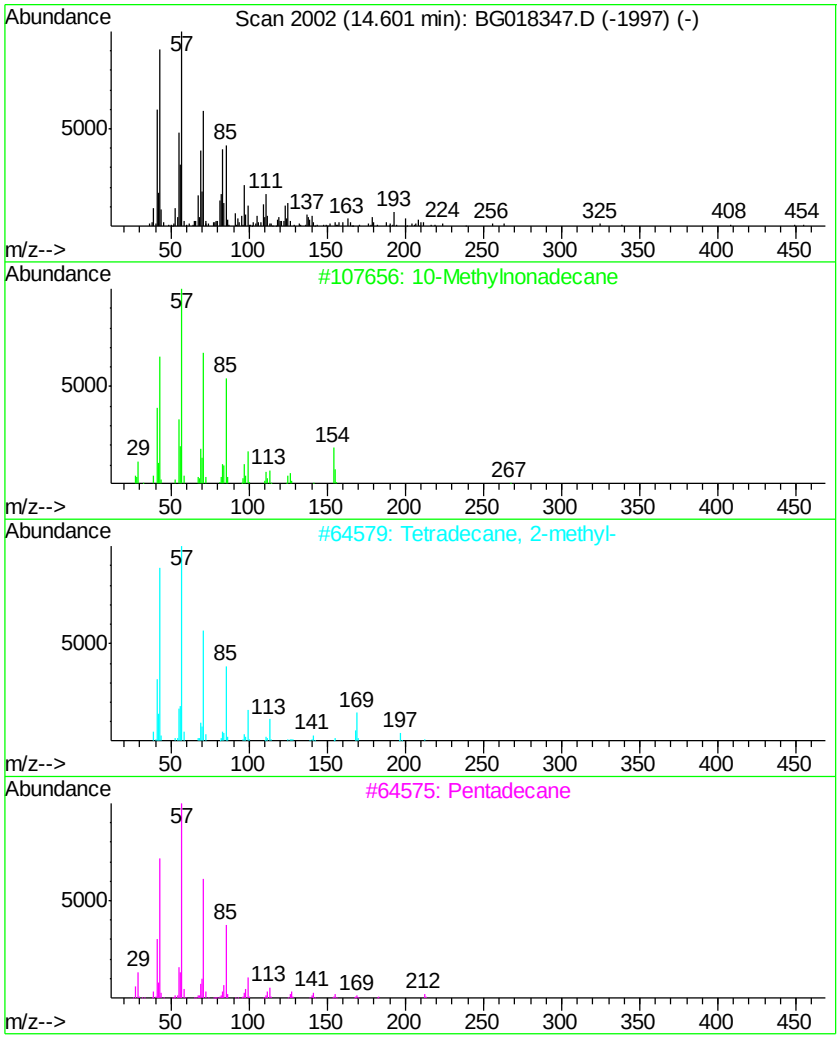
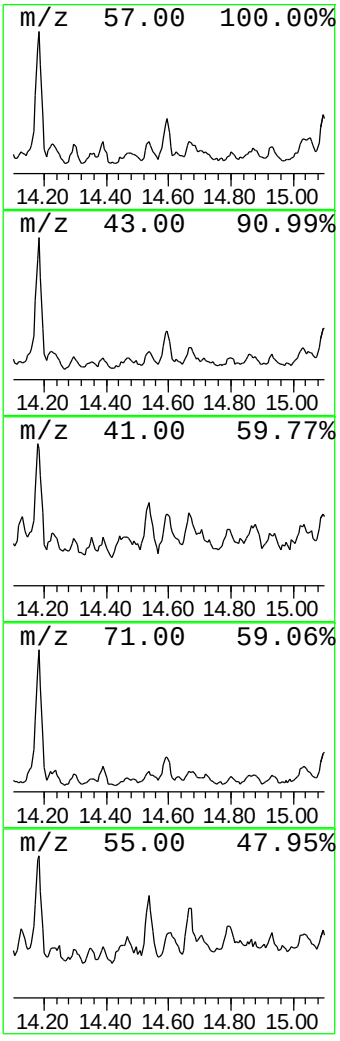
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.60	2.95 ng/ul	379099	Acenaphthene-d10	14.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10-Methylnonadecane	282	C20H42	056862-62-5	52
2	Tetradecane, 2-methyl-	212	C15H32	001560-95-8	52
3	Pentadecane	212	C15H32	000629-62-9	49
4	Pentadecane	212	C15H32	000629-62-9	49
5	2-Bromo dodecane	248	C12H25Br	013187-99-0	47





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Sample : G3136-21
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K8

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Quant Title : SVOA CALIBRATION

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

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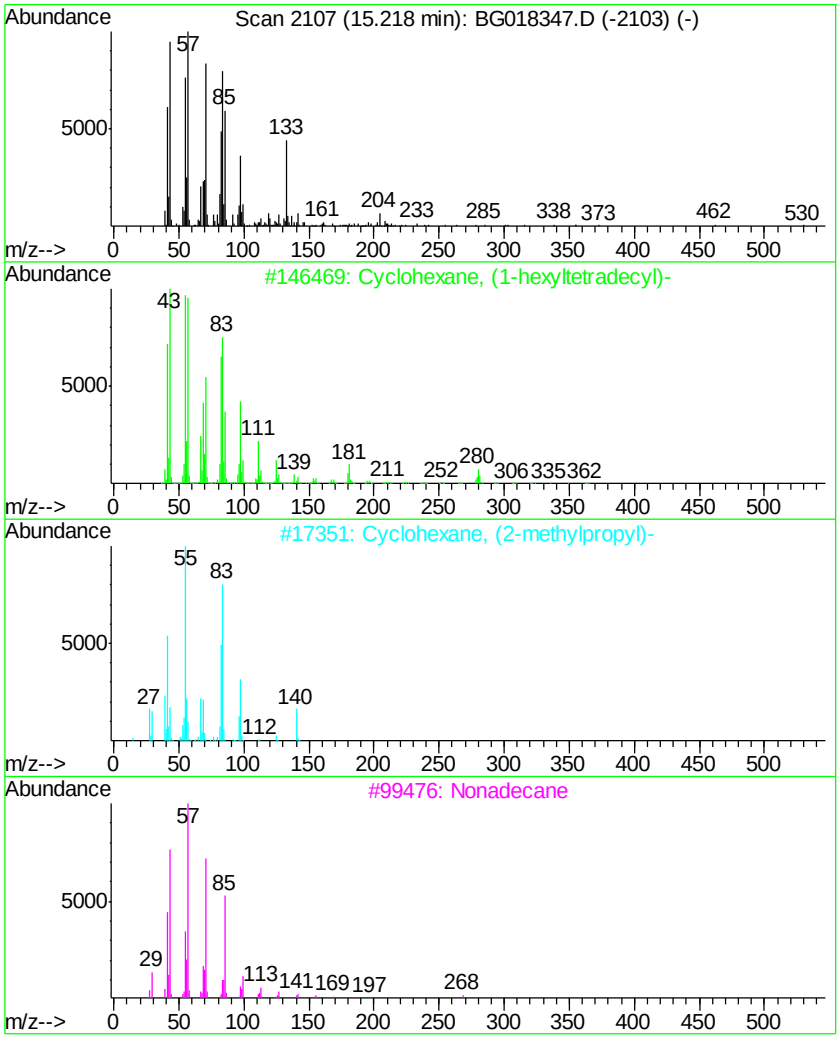
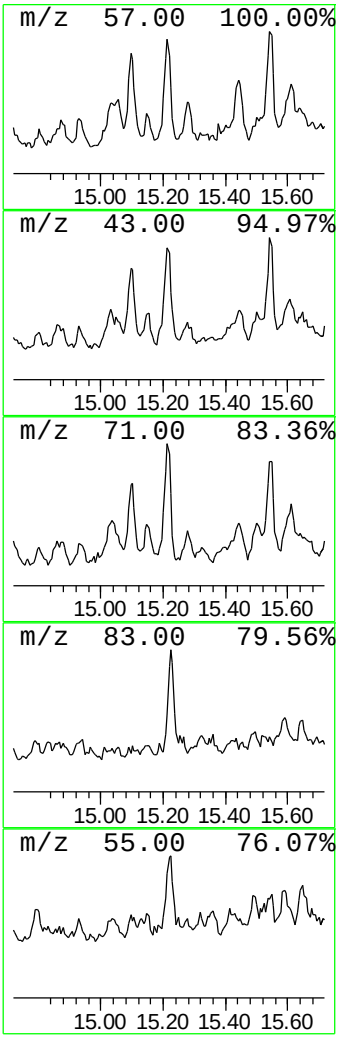
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.22	3.42 ng/ul	440795	Acenaphthene-d10	14.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (1-hexyltetradecyl)-	364	C26H52	004443-60-1	58
2	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	41
3	Nonadecane	268	C19H40	000629-92-5	38
4	1-Tetradecanol, 14-chloro-	248	C14H29ClO	073937-05-0	35
5	Tetratetracontane	619	C44H90	007098-22-8	35





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Sample : G3136-21
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K8

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Quant Title : SVOA CALIBRATION

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

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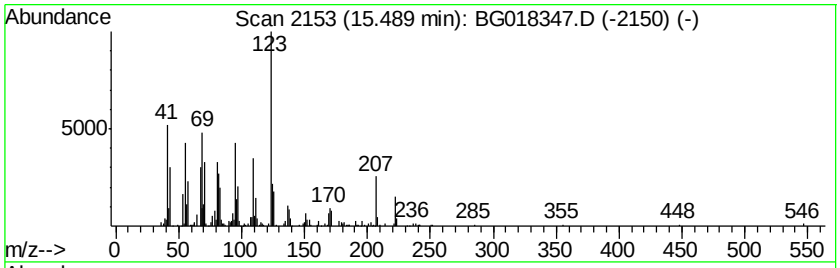
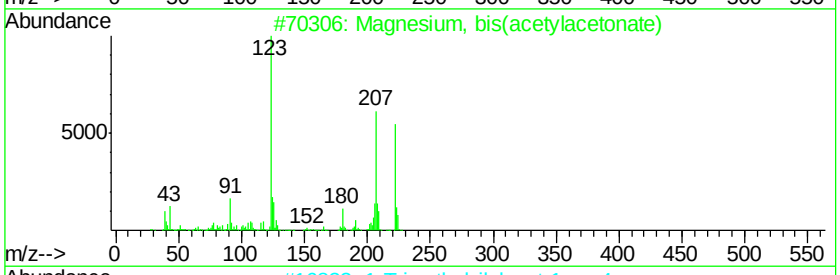
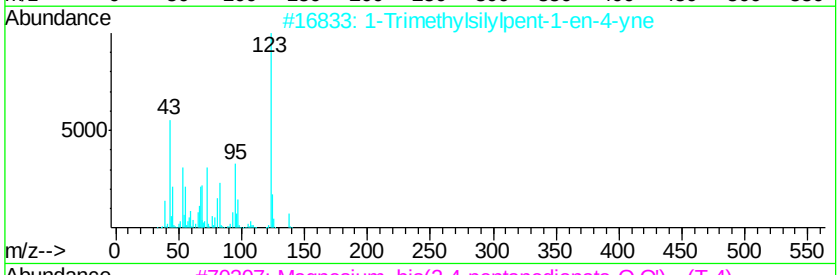
Peak Number 12 Magnesium, bis(acetylaceton... Concentration Rank 25

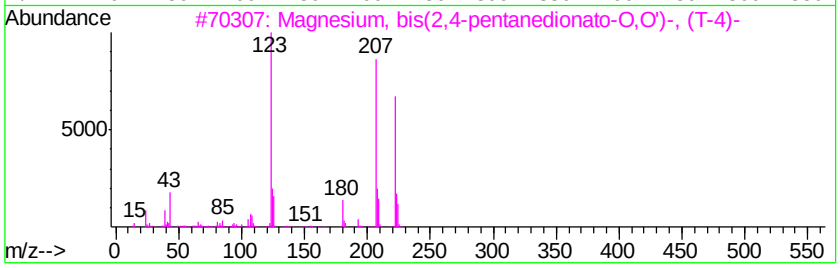
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.49	2.15 ng/ul	276491	Acenaphthene-d10	14.70

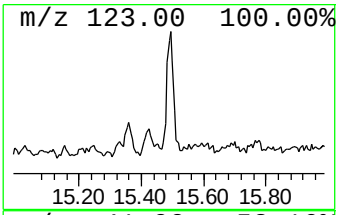
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Magnesium, bis(acetylacetonate)	222	C10H14MgO4	068488-07-3	53
2	1-Trimethylsilylpent-1-en-4-yne	138	C8H14Si	079516-25-9	53
3	Magnesium, bis(2,4-pentanedionat...	222	C10H14MgO4	014024-56-7	49
4	Cyclohexene, 1,5,5-trimethyl-6-a...	180	C12H20O	211563-96-1	47
5	Bicyclo[4.1.0]heptane-7-carboxam...	222	C11H14N2OS	329912-72-3	47

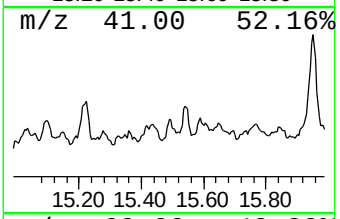


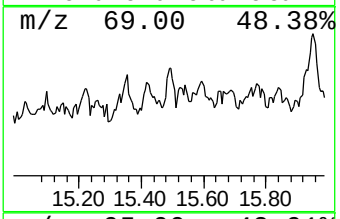


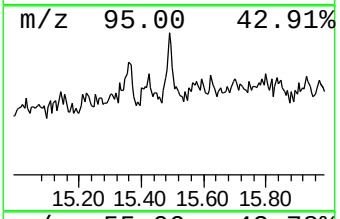


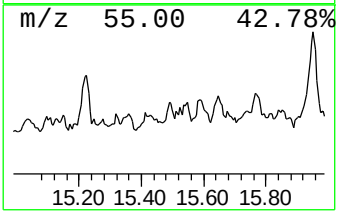












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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K8

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Quant Title : SVOA CALIBRATION

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

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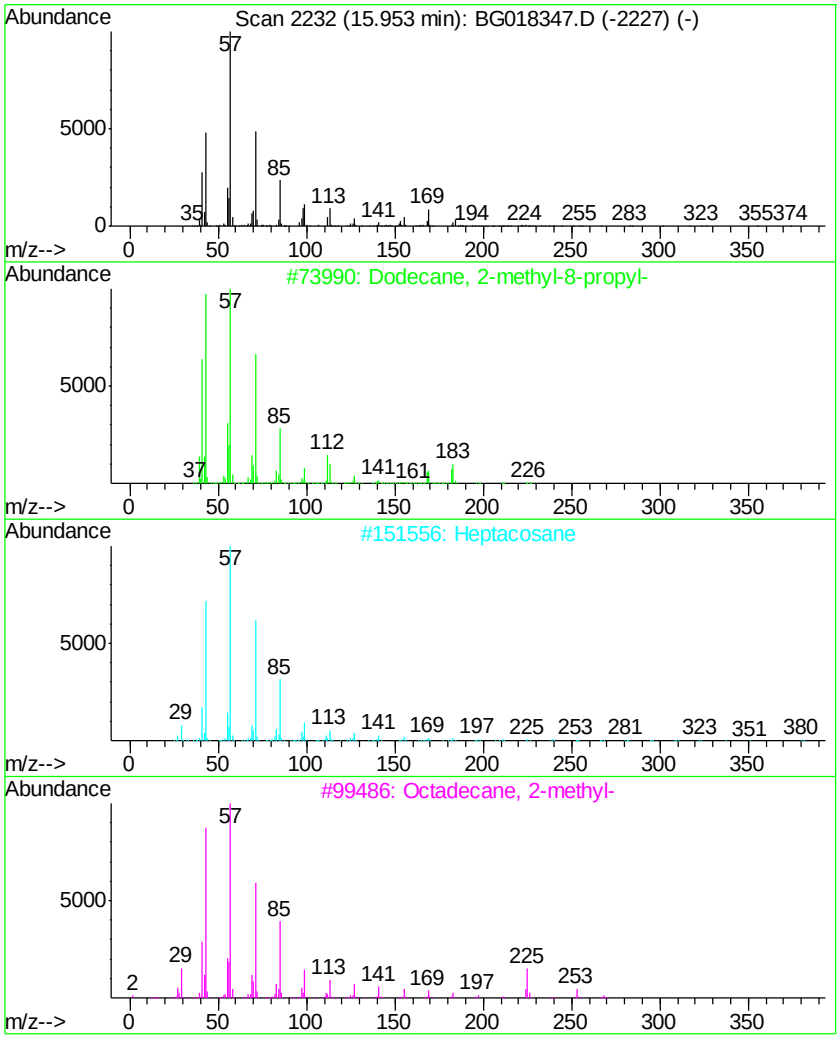
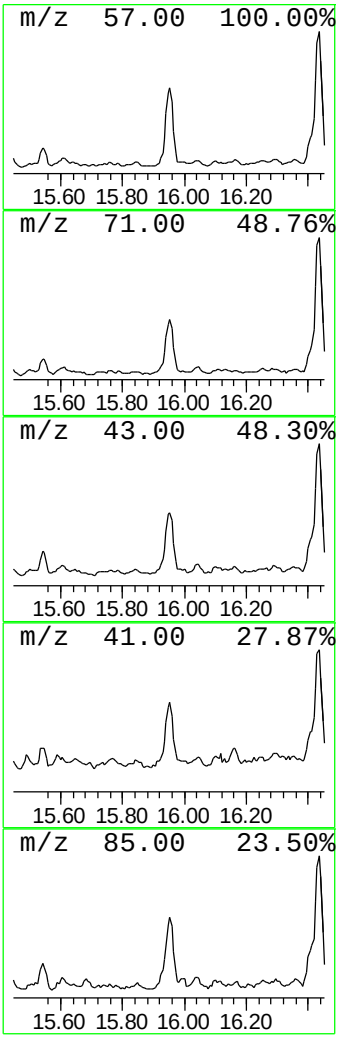
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.95	8.87 ng/ul	1141110	Acenaphthene-d10	14.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-8-propyl-	226	C16H34	055045-07-3	91
2	Heptacosane	380	C27H56	000593-49-7	80
3	Octadecane, 2-methyl-	268	C19H40	001560-88-9	72
4	Hexadecane	226	C16H34	000544-76-3	70
5	Z-2-Tridecen-1-ol	198	C13H26O	1000130-75-8	64





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Instrument : BNA_G
ClientSampleId : C02K8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

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

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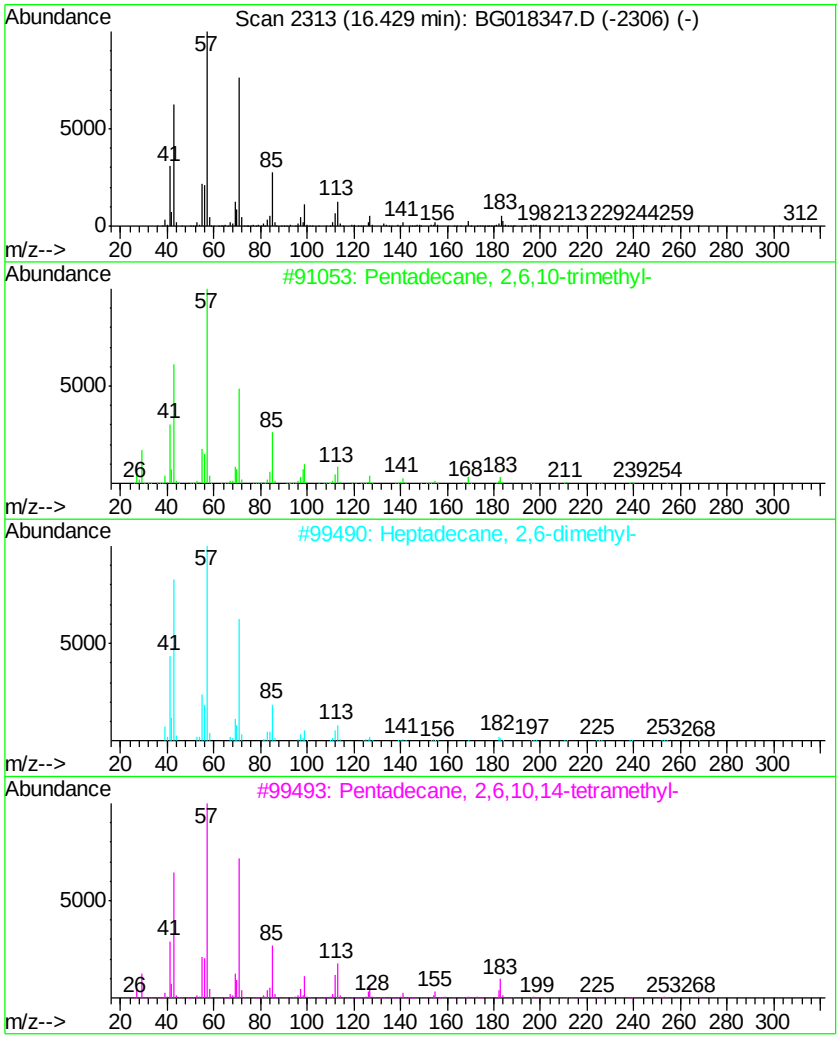
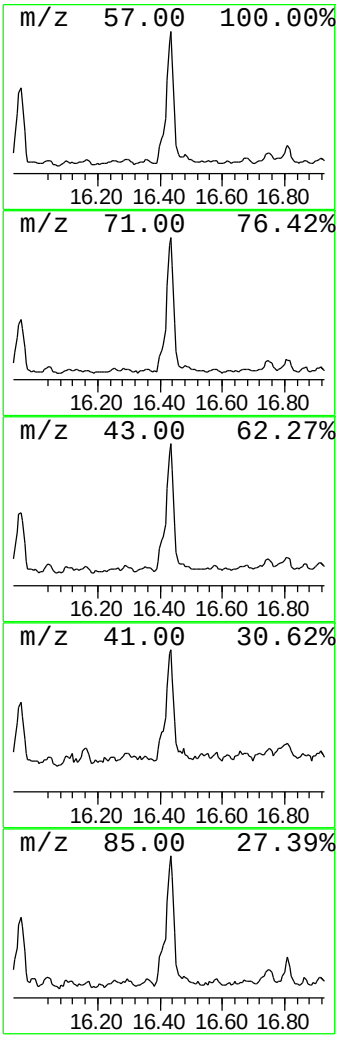
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.43	22.66 ng/ul	2557740	Phenanthrene-d10	17.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	95
2	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	90
3	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	90
4	Undecane, 6-ethyl-	184	C13H28	017312-60-6	87
5	Tridecane, 5-propyl-	226	C16H34	055045-11-9	87





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Quant Title : SVOA CALIBRATION

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

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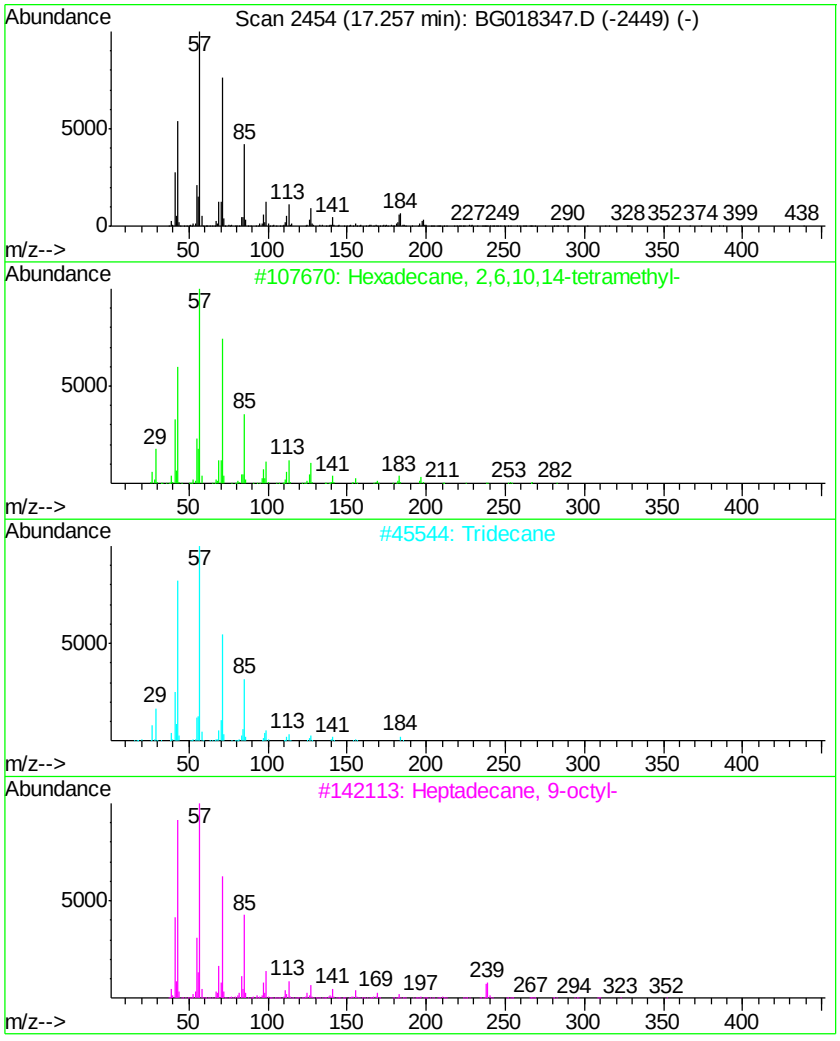
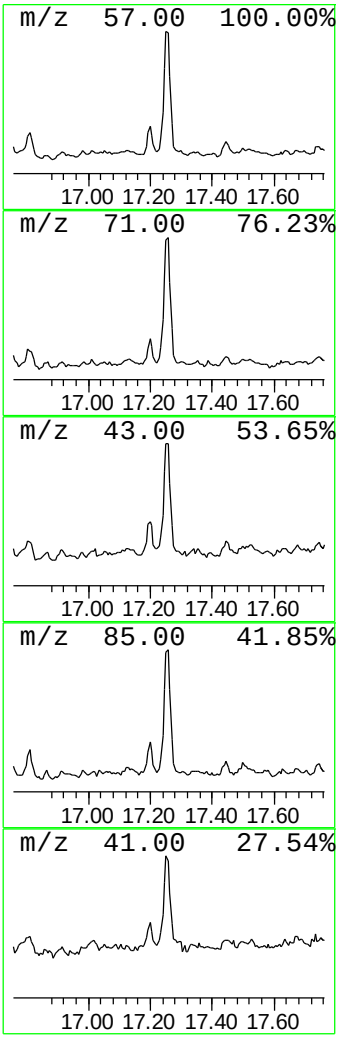
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.26	13.36 ng/ul	1508090	Phenanthrene-d10	17.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	95
2	Tridecane	184	C13H28	000629-50-5	91
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
4	Heptadecane	240	C17H36	000629-78-7	86
5	Heptadecane	240	C17H36	000629-78-7	86





Library Search Compound Report

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Quant Title : SVOA CALIBRATION

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

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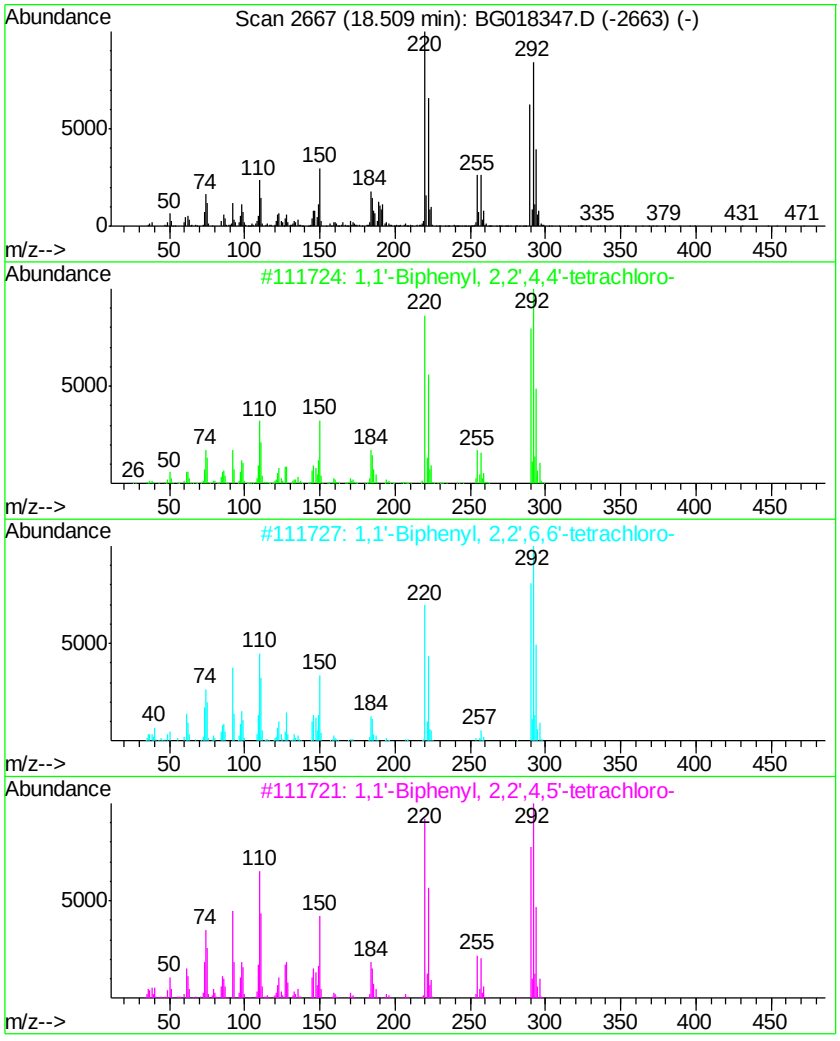
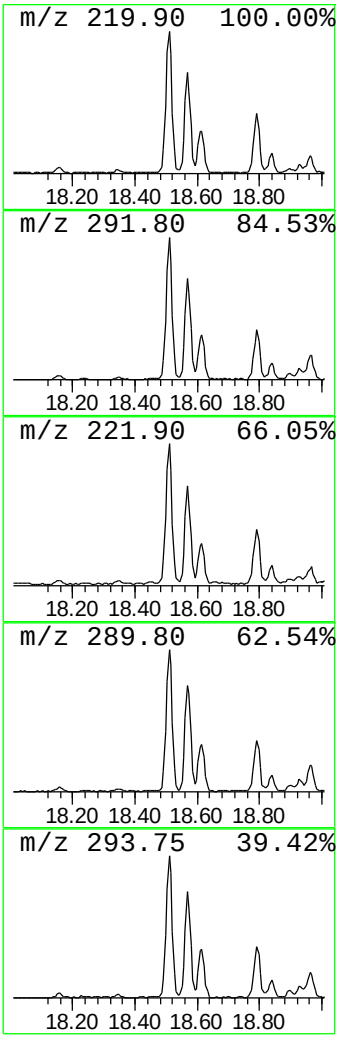
Peak Number 16 1,1'-Biphenyl, 2,2',4,4'-te... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.51	15.25 ng/ul	1721160	Phenanthrene-d10	17.45

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, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99
3	1,1'-Biphenyl, 2,2',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	99
4	1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	99
5	1,1'-Biphenyl, 2,3,4',6-tetrachl...	290	C12H6Cl4	052663-58-8	98





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Data File : BG018347.D
Acq On : 10 Aug 2015 2:43
Operator : UM/TP
Sample : G3136-21
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

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

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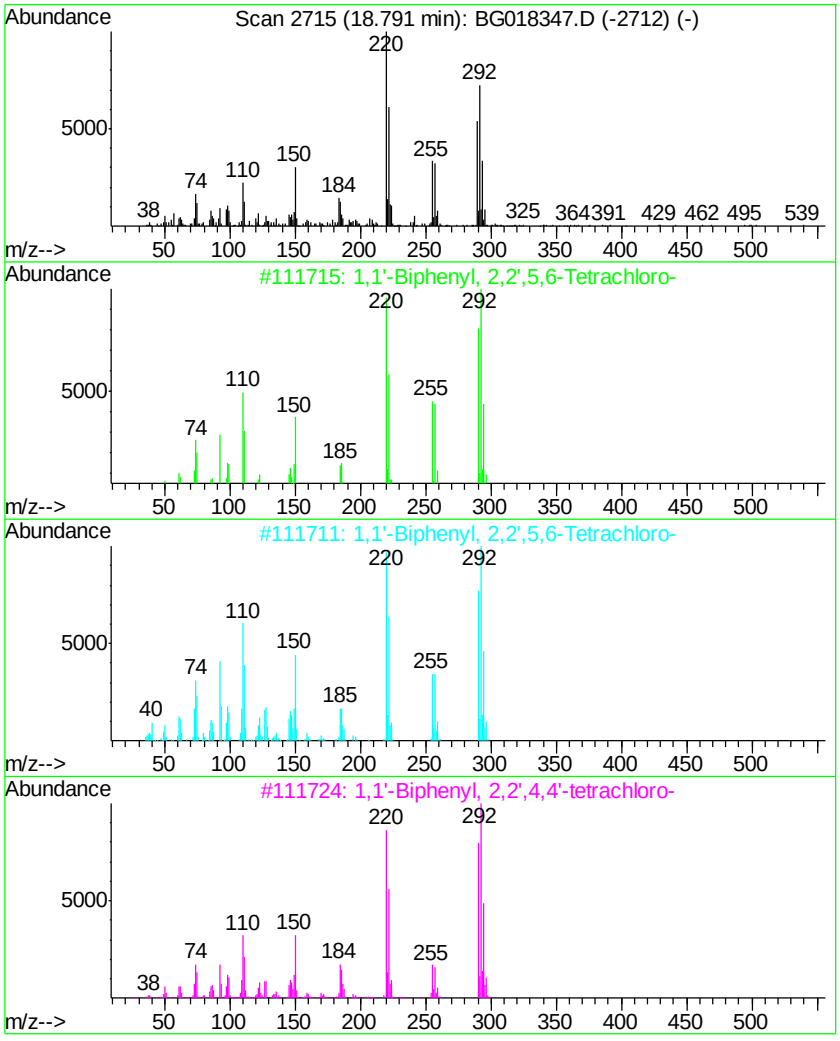
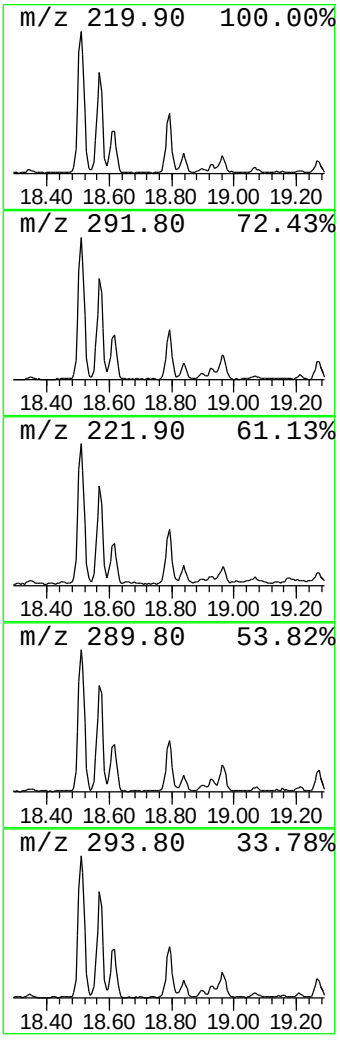
Peak Number 18 1,1'-Biphenyl, 2,2',5,6-Tet... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.79	4.20 ng/ul	474547	Phenanthrene-d10	17.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',5,6-Tetrachl...	290	C12H6Cl4	041464-41-9	99
2	1,1'-Biphenyl, 2,2',5,6-Tetrachl...	290	C12H6Cl4	041464-41-9	99
3	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	98
4	1,1'-Biphenyl, 2,2',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	98
5	1,1'-Biphenyl, 2,2',3,5-Tetrachl...	290	C12H6Cl4	070362-46-8	96





Library Search Compound Report

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Data File : BG018347.D
Acq On : 10 Aug 2015 2:43
Operator : UM/TP
Sample : G3136-21
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

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

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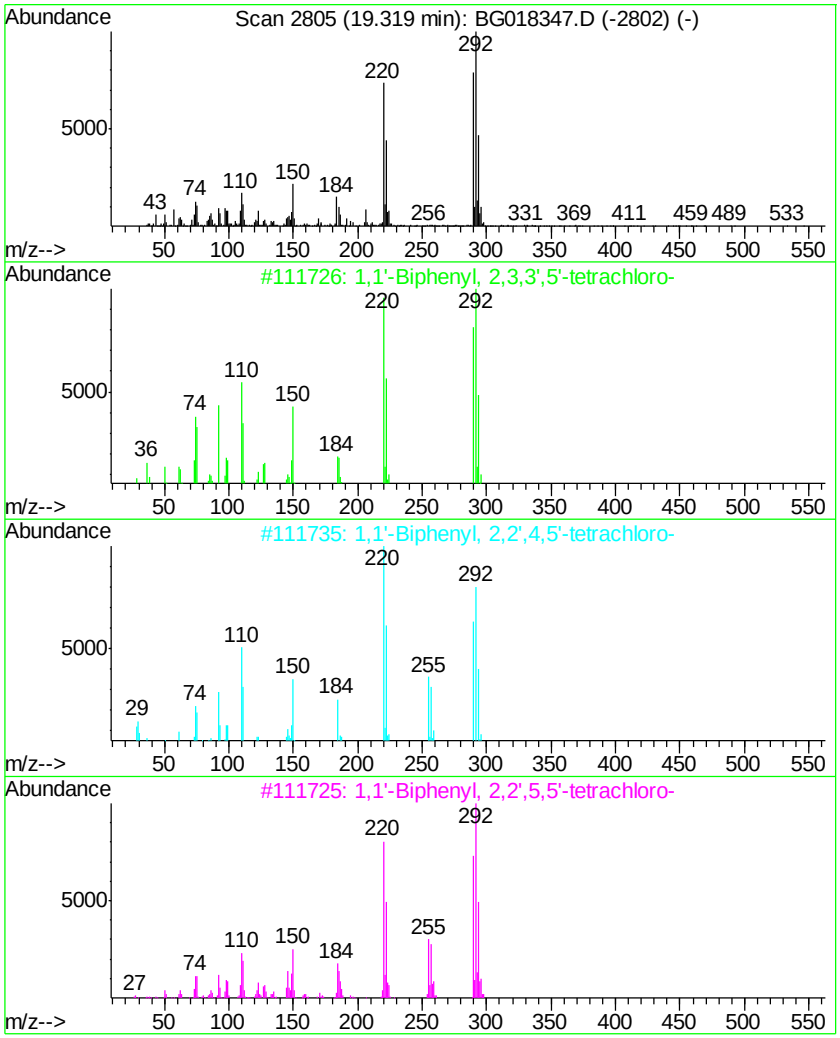
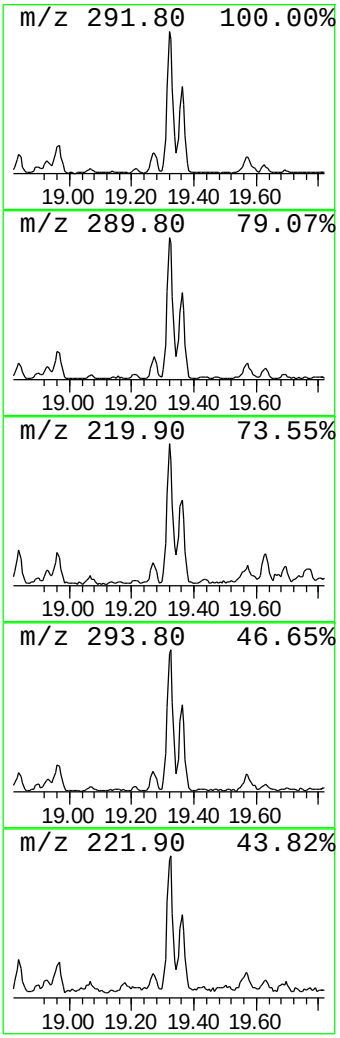
Peak Number 19 1,1'-Biphenyl, 2,3,3',5'-te... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.32	7.98 ng/ul	901128	Phenanthrene-d10	17.45

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',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	98
3	1,1'-Biphenyl, 2,2',5,5'-tetrach...	290	C12H6Cl4	035693-99-3	97
4	1,1'-Biphenyl, 2,3,4',6-tetrachl...	290	C12H6Cl4	052663-58-8	97
5	1,1'-Biphenyl, 2,3',5,5'-tetrach...	290	C12H6Cl4	041464-42-0	96





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Data File : BG018347.D
Acq On : 10 Aug 2015 2:43
Operator : UM/TP
Sample : G3136-21
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

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

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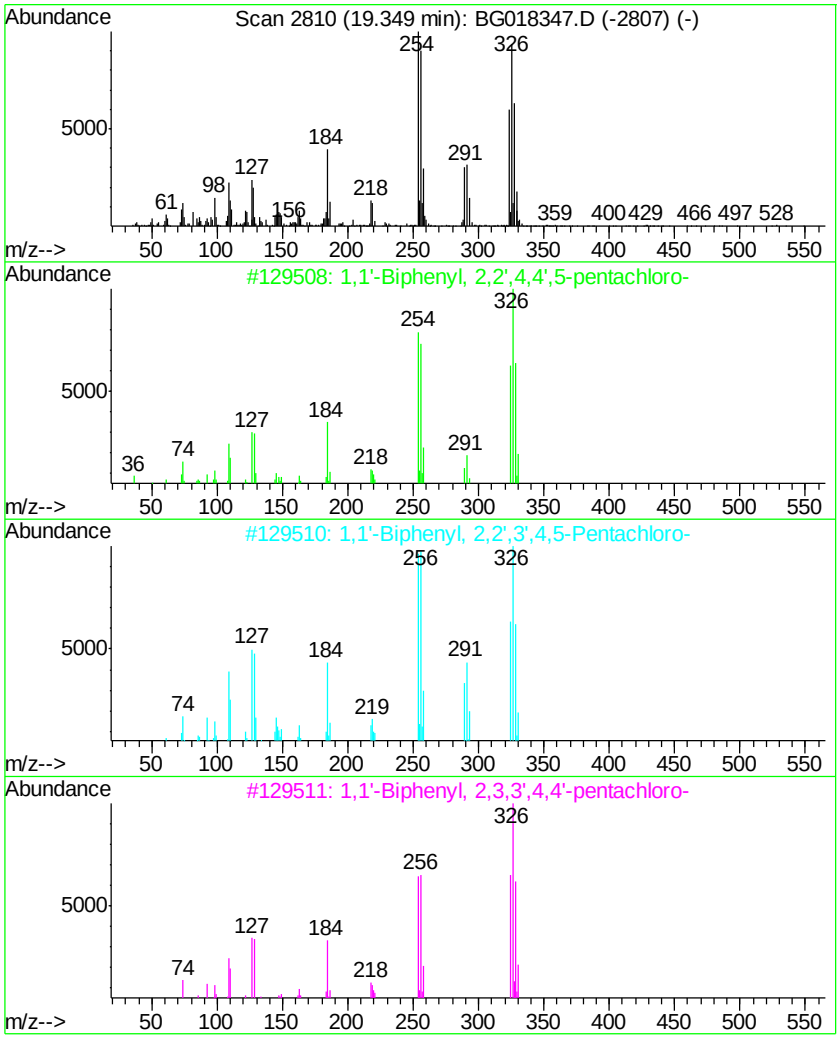
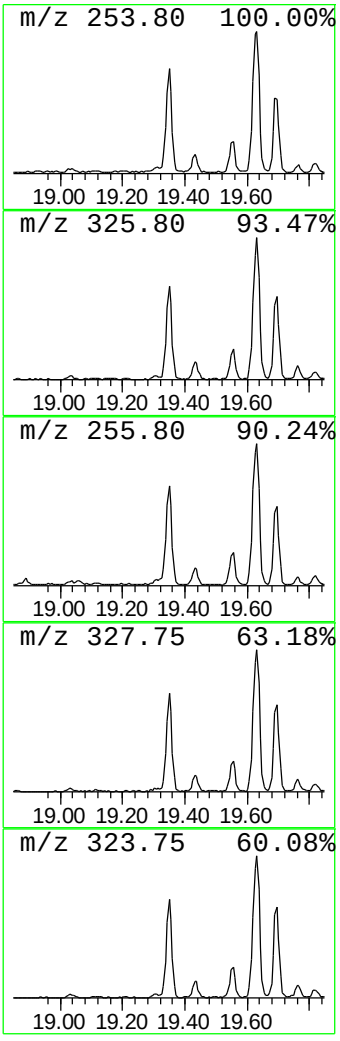
Peak Number 20 1,1'-Biphenyl, 2,2',4,4',5-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.35	15.50 ng/ul	1749950	Phenanthrene-d10	17.45

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, 2,2',3',4,5-Penta...	324	C12H5Cl5	041464-51-1	99
3	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	98
4	1,1'-Biphenyl, 2,2',3,4,5'-penta...	324	C12H5Cl5	038380-02-8	96
5	1,1'-Biphenyl, 2,2',4,4',6-Penta...	324	C12H5Cl5	039485-83-1	96





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Data File : BG018347.D
Acq On : 10 Aug 2015 2:43
Operator : UM/TP
Sample : G3136-21
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

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

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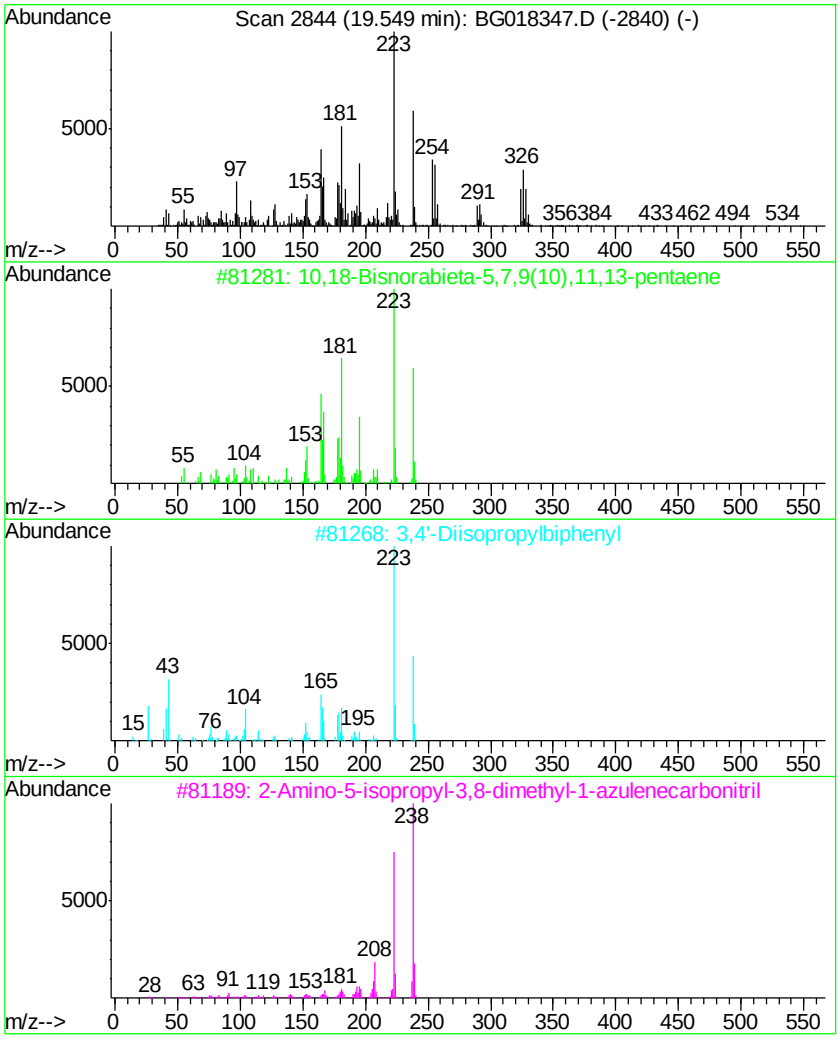
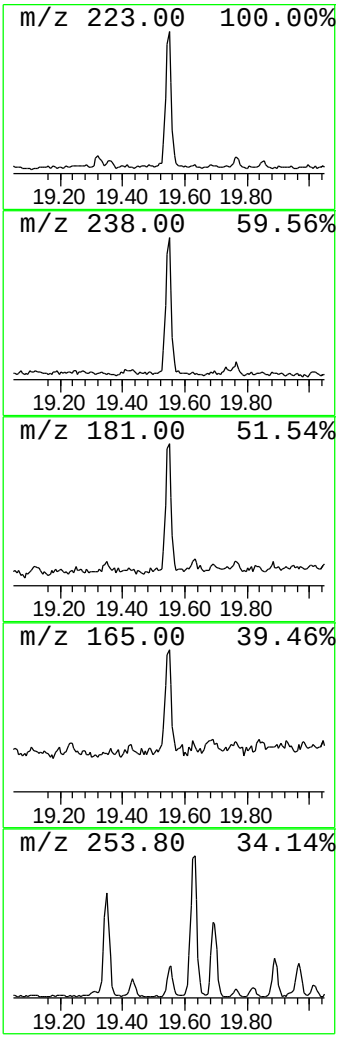
Peak Number 21 10,18-Bisnorabieta-5,7,9(10... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.55	10.58 ng/ul	1194410	Phenanthrene-d10	17.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10,18-Bisnorabieta-5,7,9(10),11,...	238	C18H22	006566-19-4	99
2	3,4'-Diisopropylbiphenyl	238	C18H22	061434-46-6	45
3	2-Amino-5-isopropyl-3,8-dimethyl...	238	C16H18N2	093018-84-9	42
4	3-(N,N-Diethylamino)carbazole	238	C16H18N2	054994-31-9	38
5	Anthracene, 1,4-dimethoxy-	238	C16H14O2	013076-29-4	38





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080915\
Data File : BG018347.D
Acq On : 10 Aug 2015 2:43
Operator : UM/TP
Sample : G3136-21
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

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

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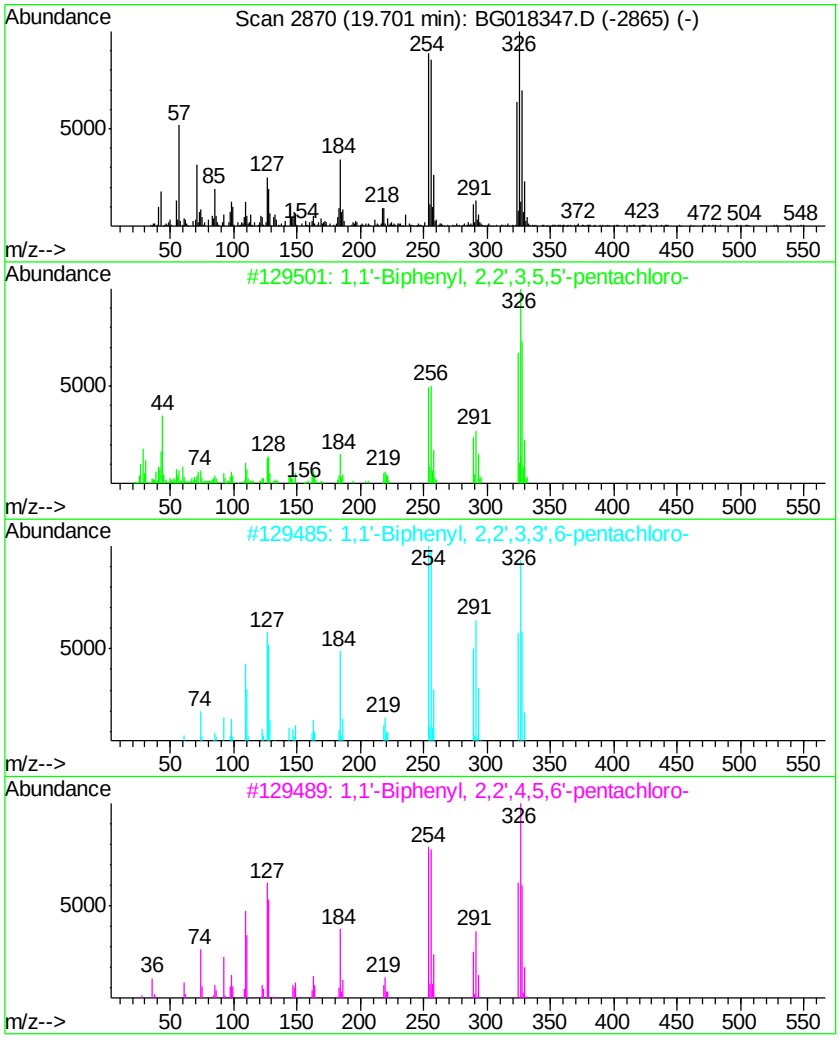
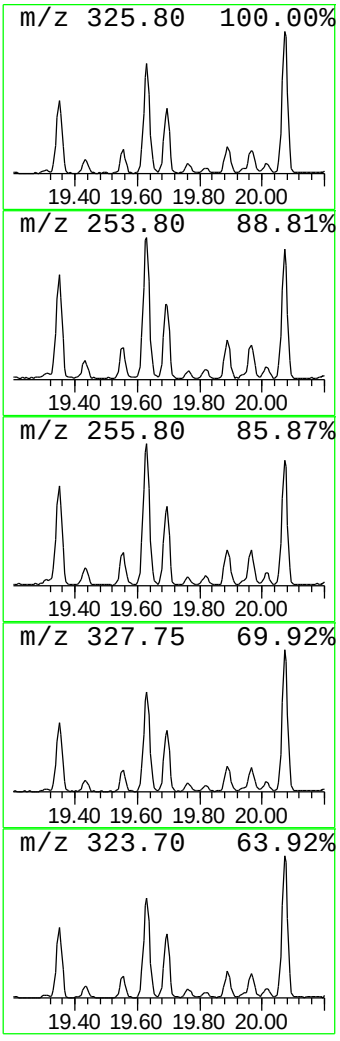
Peak Number 23 1,1'-Biphenyl, 2,2',3,5,5'-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.70	9.13 ng/ul	1009180	Chrysene-d12	21.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,5,5'-penta...	324	C12H5Cl5	052663-61-3	96
2	1,1'-Biphenyl, 2,2',3,3',6-penta...	324	C12H5Cl5	052663-60-2	95
3	1,1'-Biphenyl, 2,2',4,5,6'-penta...	324	C12H5Cl5	068194-06-9	95
4	1,1'-Biphenyl, 2,2',4,5',6-Penta...	324	C12H5Cl5	060145-21-3	95
5	1,1'-Biphenyl, 2,2',4,4',6-Penta...	324	C12H5Cl5	039485-83-1	95





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080915\
Data File : BG018347.D
Acq On : 10 Aug 2015 2:43
Operator : UM/TP
Sample : G3136-21
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

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

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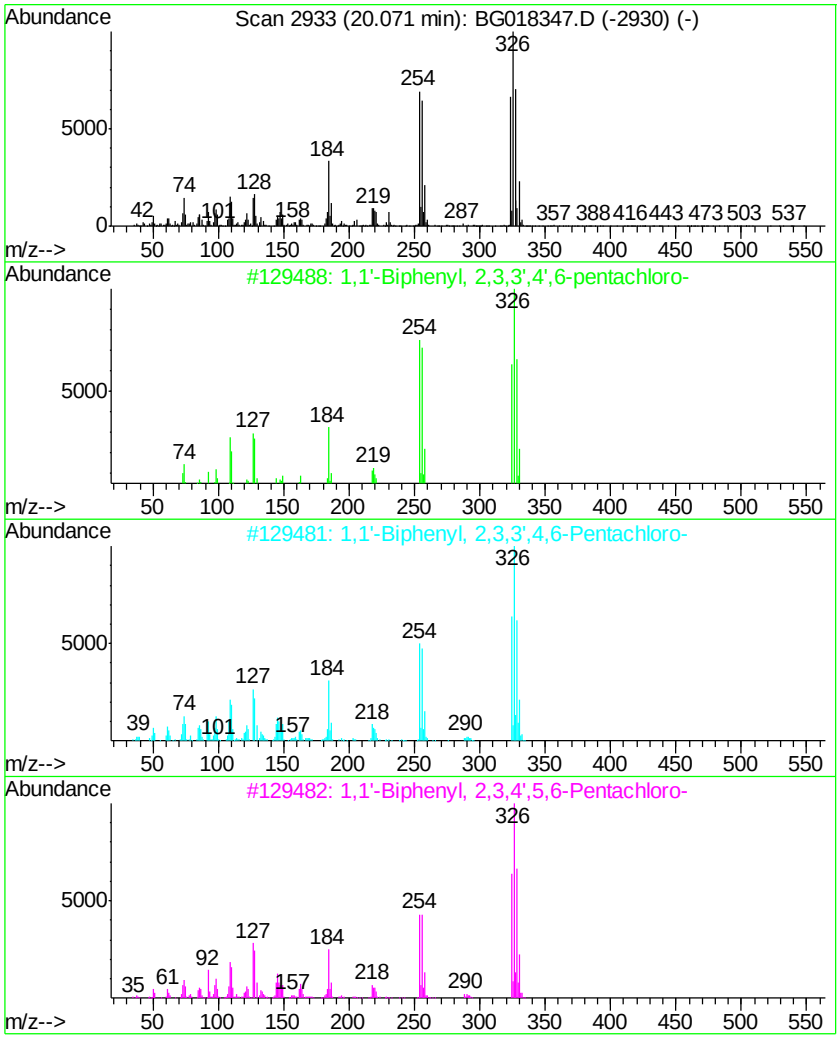
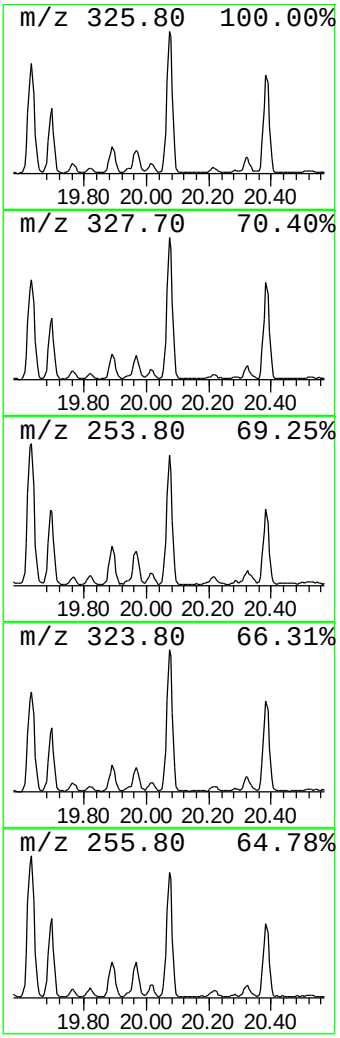
Peak Number 24 1,1'-Biphenyl, 2,3,3',4',6-... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.07	20.55 ng/ul	2271450	Chrysene-d12	21.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
2	1,1'-Biphenyl, 2,3,3',4,6-Pentac...	324	C12H5Cl5	074472-35-8	96
3	1,1'-Biphenyl, 2,3,4',5,6-Pentac...	324	C12H5Cl5	068194-11-6	96
4	1,1'-Biphenyl, 2,2',4,4',6-Penta...	324	C12H5Cl5	039485-83-1	96
5	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	95





Data Path : Z:\HPCHEM1\BNA G\DATA\BG080915\
Data File : BG018347.D
Acq On : 10 Aug 2015 2:43
Operator : UM/TP
Sample : G3136-21
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

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

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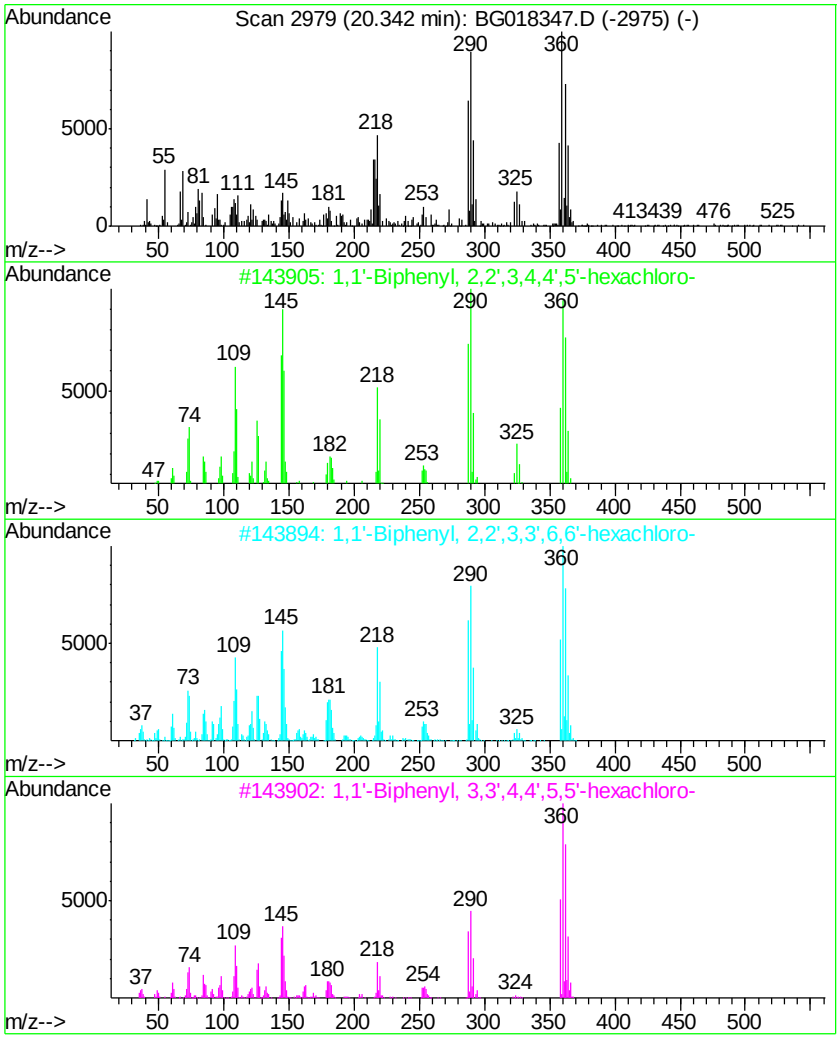
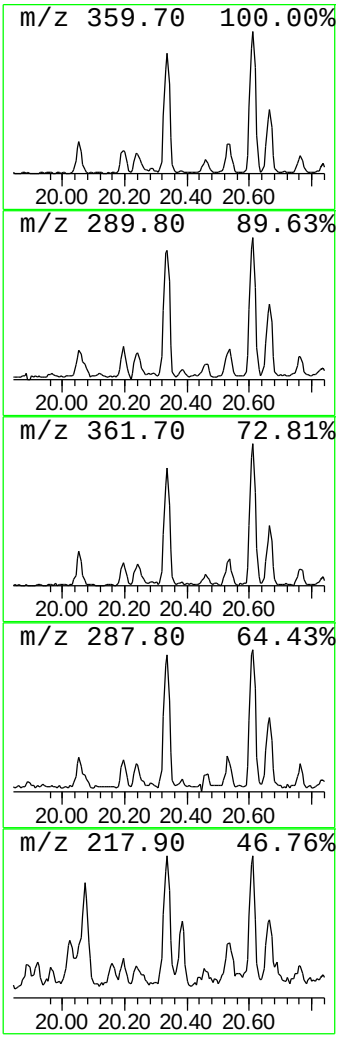
Peak Number 25 1,1'-Biphenyl, 2,2',3,4,4',... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.34	6.68 ng/ul	738161	Chrysene-d12	21.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4,4',5'-he...	358	C12H4Cl6	035065-28-2	99
2	1,1'-Biphenyl, 2,2',3,3',6,6'-he...	358	C12H4Cl6	038411-22-2	96
3	1,1'-Biphenyl, 3,3',4,4',5,5'-he...	358	C12H4Cl6	032774-16-6	95
4	1,1'-Biphenyl, 2,2',3,3',4,6'-he...	358	C12H4Cl6	038380-05-1	94
5	1,1'-Biphenyl, 2,2',3,4,4',6-Hex...	358	C12H4Cl6	056030-56-9	94





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Data File : BG018347.D
Acq On : 10 Aug 2015 2:43
Operator : UM/TP
Sample : G3136-21
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

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

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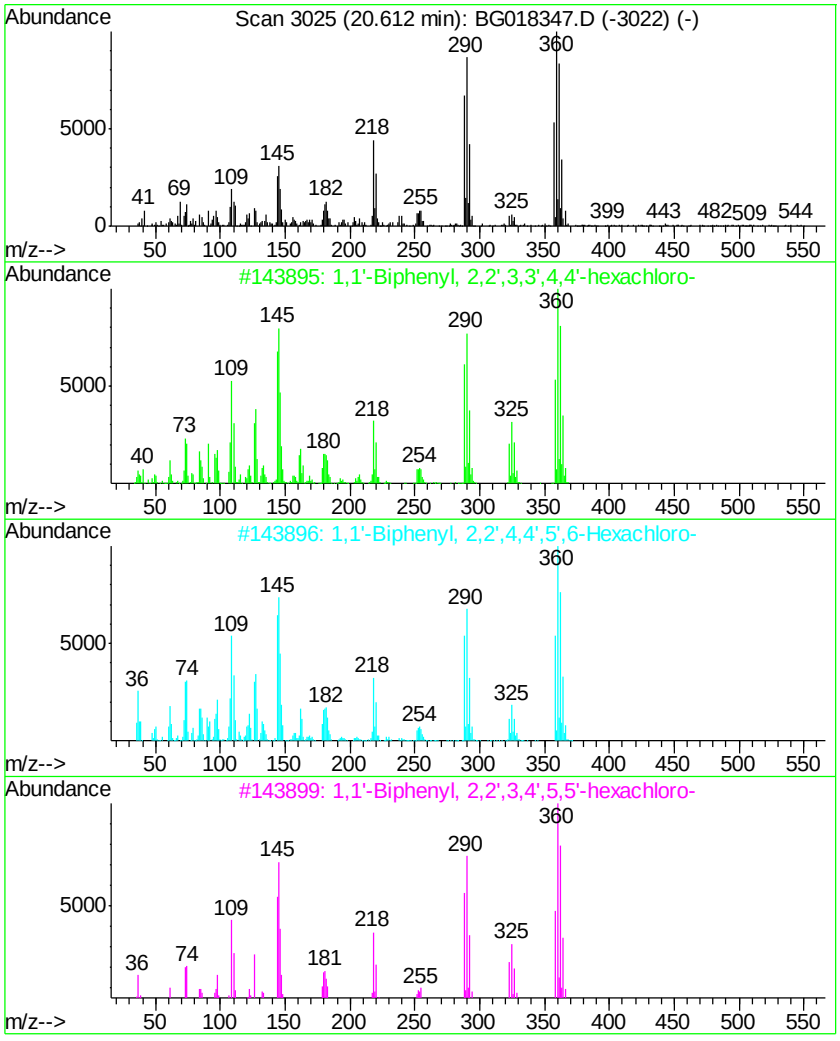
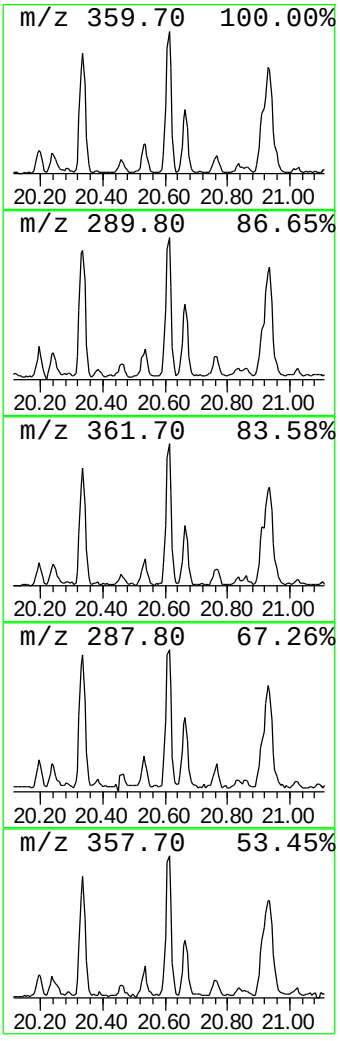
Peak Number 26 1,1'-Biphenyl, 2,2',3,3',4,... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.61	7.09 ng/ul	784200	Chrysene-d12	21.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',4,4'-he...	358	C12H4Cl6	038380-07-3	95
2	1,1'-Biphenyl, 2,2',4,4',5',6-He...	358	C12H4Cl6	060145-22-4	95
3	1,1'-Biphenyl, 2,2',3,4',5,5'-he...	358	C12H4Cl6	051908-16-8	95
4	1,1'-Biphenyl, 2,2',3,4,5,6'-Hex...	358	C12H4Cl6	068194-15-0	94
5	1,1'-Biphenyl, 2,2',4,4',5,5'-he...	358	C12H4Cl6	035065-27-1	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080915\
Data File : BG018347.D
Acq On : 10 Aug 2015 2:43
Operator : UM/TP
Sample : G3136-21
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02K8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

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

					Internal Standard		
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, 1,2,3-tr...	7.73	2.8	ng/ul	122128	1	8.08	882325	20.0
Benzene, 1-ethyl-...	9.18	3.4	ng/ul	148781	1	8.08	882325	20.0
Benzene, 1,2,4-tr...	10.75	2.1	ng/ul	165771	2	10.88	1585690	20.0
(DEL) Alkane: Str...	11.90	4.0	ng/ul	316087	2	10.88	1585690	20.0
(DEL) Alkane: Str...	12.52	3.5	ng/ul	278572	2	10.88	1585690	20.0
(DEL) Alkane: Str...	13.24	4.1	ng/ul	529163	3	14.70	2574210	20.0
(DEL) Alkane: Str...	13.53	4.5	ng/ul	586124	3	14.70	2574210	20.0
1-Bromo-1-methyl-...	14.54	3.9	ng/ul	499023	3	14.70	2574210	20.0
(DEL) Alkane: Str...	14.60	3.0	ng/ul	379099	3	14.70	2574210	20.0
(DEL) Alkane: Str...	15.22	3.4	ng/ul	440795	3	14.70	2574210	20.0
Magnesium, bis(ac...	15.49	2.1	ng/ul	276491	3	14.70	2574210	20.0
(DEL) Alkane: Str...	15.95	8.9	ng/ul	1141110	3	14.70	2574210	20.0
(DEL) Alkane: Str...	16.43	22.7	ng/ul	2557740	4	17.45	2257610	20.0
(DEL) Alkane: Str...	17.26	13.4	ng/ul	1508090	4	17.45	2257610	20.0
1,1'-Biphenyl, 2,...	18.51	15.3	ng/ul	1721160	4	17.45	2257610	20.0
1,1'-Biphenyl, 2,...	18.79	4.2	ng/ul	474547	4	17.45	2257610	20.0
1,1'-Biphenyl, 2,...	19.32	8.0	ng/ul	901128	4	17.45	2257610	20.0
1,1'-Biphenyl, 2,...	19.35	15.5	ng/ul	1749950	4	17.45	2257610	20.0
10,18-Bisnorabiet...	19.55	10.6	ng/ul	1194410	4	17.45	2257610	20.0
1,1'-Biphenyl, 2,...	19.70	9.1	ng/ul	1009180	5	21.72	2210780	20.0
1,1'-Biphenyl, 2,...	20.07	20.6	ng/ul	2271450	5	21.72	2210780	20.0
1,1'-Biphenyl, 2,...	20.34	6.7	ng/ul	738161	5	21.72	2210780	20.0
1,1'-Biphenyl, 2,...	20.61	7.1	ng/ul	784200	5	21.72	2210780	20.0