LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080915\
Data File : BG018340.D
Acq On : 9 Aug 2015 22:18
Operator : UM/TP
Sample : G3136-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01T5

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	3.867	171	175	181	rVV	81668	118238	3.11%	0.200%
2	4.273	239	244	253	rVB	26681	53850	1.42%	0.091%
3	5.583	462	467	475	rVB3	16445	36685	0.96%	0.062%
4	5.718	485	490	498	rBV2	31098	76362	2.01%	0.129%
5	6.094	550	554	559	rVB2	30767	50722	1.33%	0.086%
6	7.064	717	719	725	rVB6	22925	37112	0.98%	0.063%
7	7.222	740	746	755	rVV2	245215	421915	11.09%	0.713%
8	7.299	755	759	765	rVB2	25152	46505	1.22%	0.079%
9	7.398	767	776	783	rBV	187804	320371	8.42%	0.541%
10	7.463	783	787	792	rBV2	24893	36523	0.96%	0.062%
11	7.604	805	811	818	rVB	223602	386859	10.17%	0.654%
12	7.722	824	831	836	rVB2	54360	102401	2.69%	0.173%
13	8.074	884	891	899	rBV	537299	935930	24.59%	1.582%
14	8.192	907	911	919	rBV2	21563	47096	1.24%	0.080%
15	8.450	949	955	961	rBV8	17708	39354	1.03%	0.067%
16	8.621	978	984	991	rVV4	38781	83323	2.19%	0.141%
17	8.715	995	1000	1003	rVV2	42700	67567	1.78%	0.114%
18	8.767	1003	1009	1017	rVB2	145995	266582	7.01%	0.451%
19	8.885	1025	1029	1039	rVB2	24482	50930	1.34%	0.086%
20	9.079	1058	1062	1068	rVB5	23402	40029	1.05%	0.068%
21	9.185	1072	1080	1082	rBV2	48370	86568	2.27%	0.146%
22	9.232	1082	1088	1093	rVV	212935	390010	10.25%	0.659%
23	9.308	1097	1101	1105	rVB3	27114	44439	1.17%	0.075%
24	9.431	1117	1122	1131	rVB3	23730	57822	1.52%	0.098%
25	9.543	1138	1141	1150	rVB9	23178	57914	1.52%	0.098%
26	9.713	1165	1170	1174	rVV6	27772	47273	1.24%	0.080%
27	9.760	1175	1178	1183	rVV2	38399	64378	1.69%	0.109%
28	9.954	1202	1211	1216	rBV	199903	390171	10.25%	0.659%
29	10.066	1225	1230	1236	rBV7	33774	74818	1.97%	0.126%
30	10.230	1254	1258	1261	rBV6	25021	39560	1.04%	0.067%
31	10.289	1261	1268	1273	rVV7	41732	112404	2.95%	0.190%
32	10.342	1274	1277	1285	rVB8	27683	52853	1.39%	0.089%
33	10.489	1294	1302	1312	rVB	276967	527283	13.86%	0.891%
34	10.577	1312	1317	1321	rBV3	24754	47011	1.24%	0.079%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080915\
Data File : BG018340.D
Acq On : 9 Aug 2015 22:18
Operator : UM/TP
Sample : G3136-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01T5

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	10.742	1336	1345	1348	rBV2	61037	122888	3.23%	0.208%
36	10.877	1359	1368	1374	rBV	827466	1647304	43.29%	2.784%
37	10.924	1374	1376	1384	rVV2	63709	132895	3.49%	0.225%
38	11.000	1384	1389	1393	rVV2	88727	169258	4.45%	0.286%
39	11.041	1393	1396	1400	rVV	73540	103275	2.71%	0.175%
40	11.094	1401	1405	1413	rVB9	25546	45648	1.20%	0.077%
41	11.294	1428	1439	1446	rVV9	25973	95513	2.51%	0.161%
42	11.376	1450	1453	1459	rVB6	32091	54897	1.44%	0.093%
43	11.547	1478	1482	1485	rVV6	24234	43778	1.15%	0.074%
44	11.582	1486	1488	1496	rVV8	39782	79513	2.09%	0.134%
45	11.646	1496	1499	1505	rVB7	30316	56226	1.48%	0.095%
46	11.717	1506	1511	1516	rVV7	34609	69435	1.82%	0.117%
47	11.793	1518	1524	1531	rVB9	51554	117954	3.10%	0.199%
48	11.905	1538	1543	1546	rBV	124213	186729	4.91%	0.316%
49	11.981	1553	1556	1562	rVB8	49266	74322	1.95%	0.126%
50	12.163	1584	1587	1591	rBV6	37581	48602	1.28%	0.082%
51	12.293	1605	1609	1619	rBV8	46178	101082	2.66%	0.171%
52	12.522	1645	1648	1654	rVB3	92513	162985	4.28%	0.275%
53	12.610	1660	1663	1667	rBV6	26262	40436	1.06%	0.068%
54	12.739	1682	1685	1691	rVB4	34685	56068	1.47%	0.095%
55	12.921	1713	1716	1720	rVB4	42517	51161	1.34%	0.086%
56	13.192	1758	1762	1763	rBV3	36372	49481	1.30%	0.084%
57	13.239	1766	1770	1774	rVV	254121	356859	9.38%	0.603%
58	13.286	1775	1778	1786	rVB6	84815	192402	5.06%	0.325%
59	13.497	1809	1814	1815	rBV3	103397	154388	4.06%	0.261%
60	13.521	1816	1818	1826	rVB4	141462	249163	6.55%	0.421%
61	13.621	1832	1835	1844	rVB9	47434	88634	2.33%	0.150%
62	14.096	1911	1916	1919	rBV	459165	668194	17.56%	1.129%
63	14.138	1919	1923	1927	rVV2	278784	506291	13.30%	0.856%
64	14.179	1927	1930	1934	rVB	449445	578614	15.20%	0.978%
65	14.226	1934	1938	1939	rBV3	89262	100779	2.65%	0.170%
66	14.349	1956	1959	1960	rBV3	65482	72948	1.92%	0.123%
67	14.384	1961	1965	1970	rVB	529646	792983	20.84%	1.340%
68	14.531	1986	1990	1996	rVB2	342467	542806	14.26%	0.917%
69	14.590	1996	2000	2007	rBV3	212494	421652	11.08%	0.713%
70	14.696	2009	2018	2025	rVV2	1328179	2546332	66.91%	4.303%
71	14.860	2043	2046	2052	rBV3	137515	222128	5.84%	0.375%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080915\
Data File : BG018340.D
Acq On : 9 Aug 2015 22:18
Operator : UM/TP
Sample : G3136-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01T5

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	15.219	2103	2107	2115	rVB4	224825	347084	9.12%	0.587%
73	15.489	2150	2153	2159	rBV4	152012	246167	6.47%	0.416%
74	15.542	2159	2162	2166	rVB	165518	179833	4.73%	0.304%
75	15.683	2182	2186	2191	rVB	631743	888240	23.34%	1.501%
76	15.736	2192	2195	2198	rBV3	117231	183699	4.83%	0.310%
77	15.947	2227	2231	2243	rVB	580975	916179	24.08%	1.548%
78	16.429	2306	2313	2318	rBV	1130277	1985318	52.17%	3.355%
79	17.252	2449	2453	2458	rVB	758552	997970	26.22%	1.687%
80	17.440	2480	2485	2489	rBV	1424467	2154934	56.63%	3.642%
81	17.475	2489	2491	2496	rVB	402061	497740	13.08%	0.841%
82	17.534	2497	2501	2505	rBV	534227	746374	19.61%	1.261%
83	17.886	2558	2561	2564	rVB	473683	484579	12.73%	0.819%
84	18.027	2581	2585	2593	rVB4	401402	844719	22.20%	1.428%
85	18.503	2662	2666	2672	rVB	2669199	3695515	97.11%	6.246%
86	18.568	2672	2677	2681	rVV	2004083	2701622	70.99%	4.566%
87	18.609	2681	2684	2690	rVB2	751469	1069327	28.10%	1.807%
88	18.785	2711	2714	2719	rVB	859144	1041401	27.37%	1.760%
89	19.320	2801	2805	2807	rBV	1168481	1783103	46.86%	3.014%
90	19.343	2807	2809	2818	rVB3	2075641	3170935	83.33%	5.359%
91	19.484	2830	2833	2839	rVB	734258	916076	24.07%	1.548%
92	19.543	2839	2843	2848	rBV2	1496966	2191188	57.58%	3.703%
93	19.625	2853	2857	2861	rVB	2327610	3163144	83.12%	5.346%
94	19.690	2864	2868	2872	rBV2	1364734	1718894	45.17%	2.905%
95	20.072	2929	2933	2939	rVB	2798545	3805430	100.00%	6.431%
96	20.330	2974	2977	2981	rVB3	1252014	1508703	39.65%	2.550%
97	20.377	2983	2985	2989	rVB	1124848	1255269	32.99%	2.121%
98	20.607	3021	3024	3027	rVB	1062315	1163361	30.57%	1.966%
99	20.659	3030	3033	3036	rBV2	853520	1072696	28.19%	1.813%
100	21.611	3191	3195	3199	rVB	1711391	2225364	58.48%	3.761%

Sum of corrected areas: 59169345

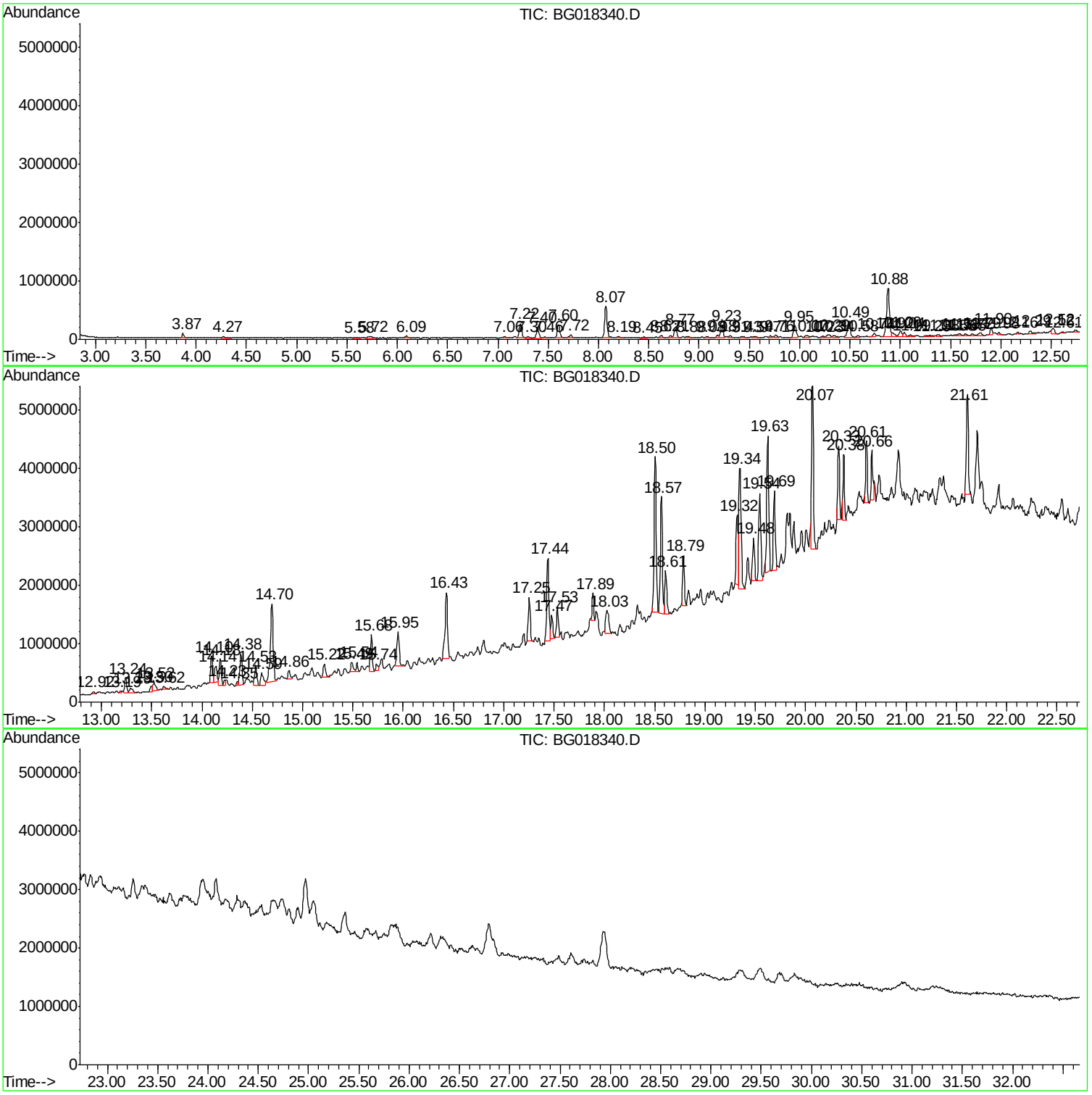
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080915\
Data File : BG018340.D
Acq On : 9 Aug 2015 22:18
Operator : UM/TP
Sample : G3136-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01T5

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 : BG018340.D
Acq On : 9 Aug 2015 22:18
Operator : UM/TP
Sample : G3136-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01T5

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

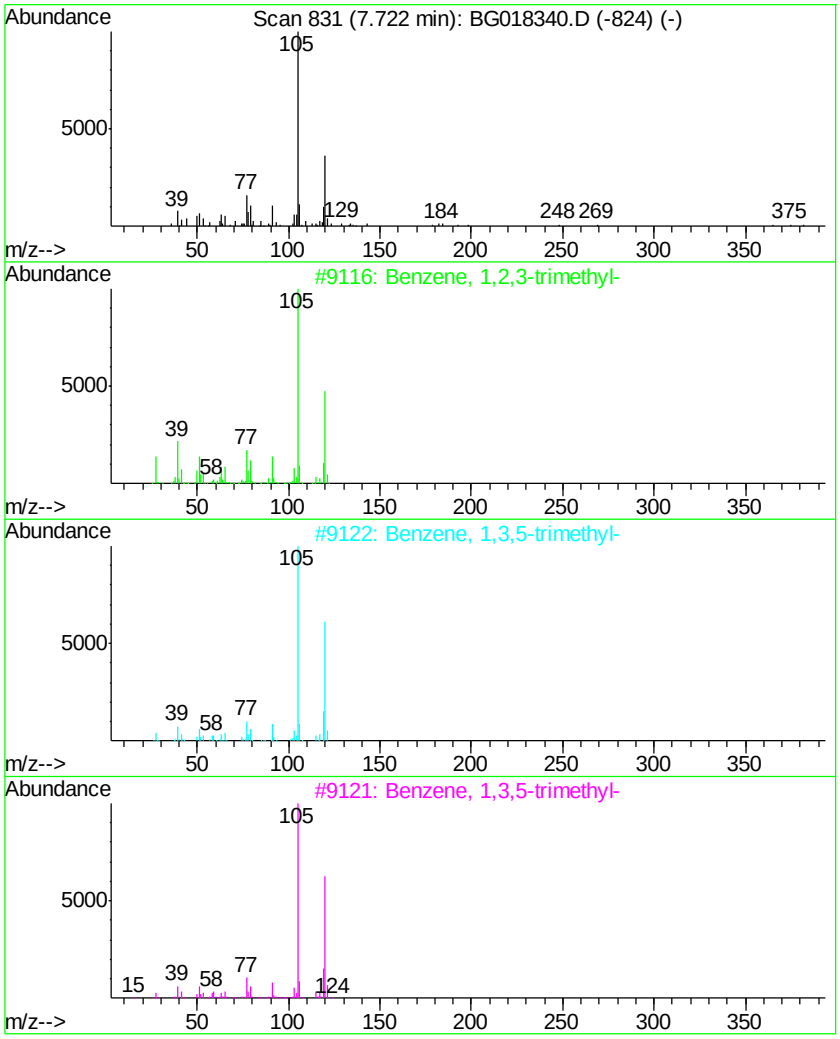
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

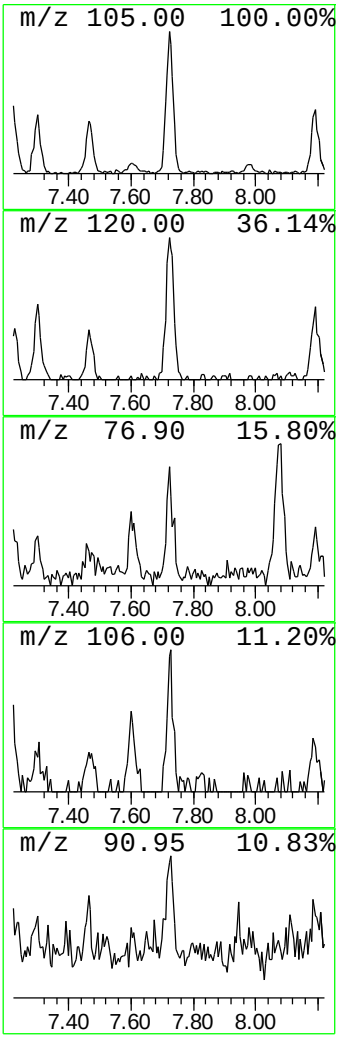
****

Peak Number 2 Benzene, 1,2,3-trimethyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.72	2.19 ng/ul	102401	1,4-Dichlorobenzene-d4	8.07

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





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080915\
Data File : BG018340.D
Acq On : 9 Aug 2015 22:18
Operator : UM/TP
Sample : G3136-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01T5

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

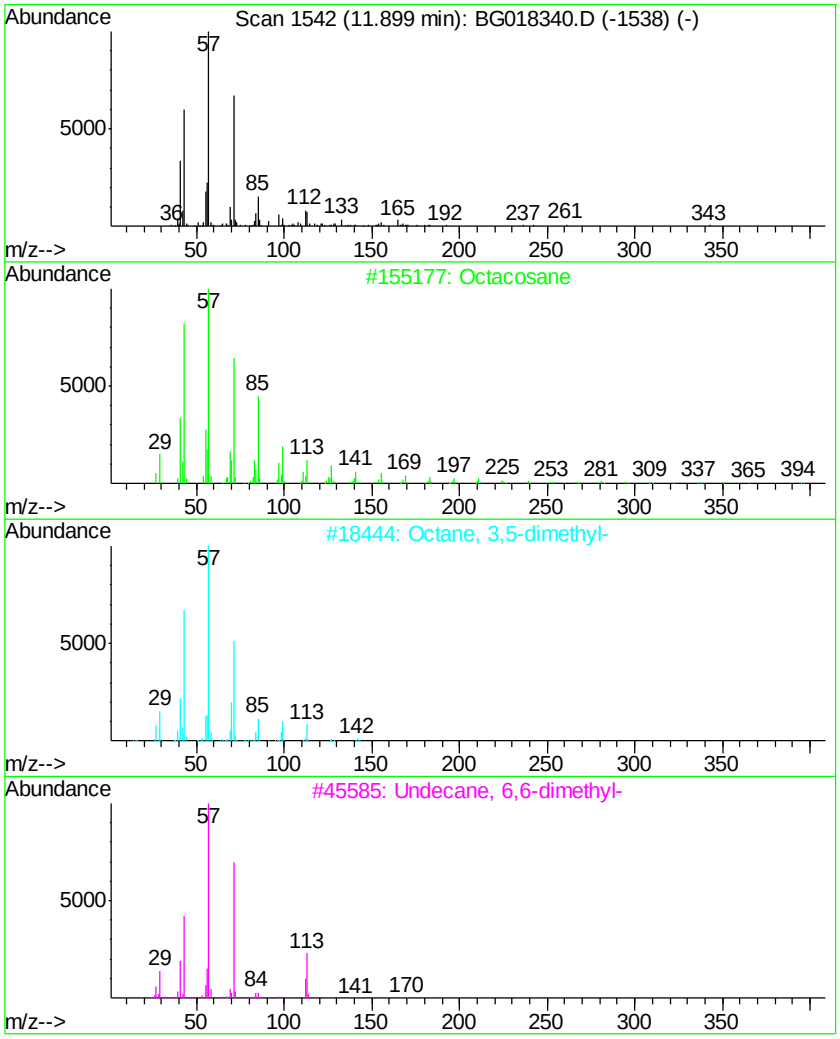
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

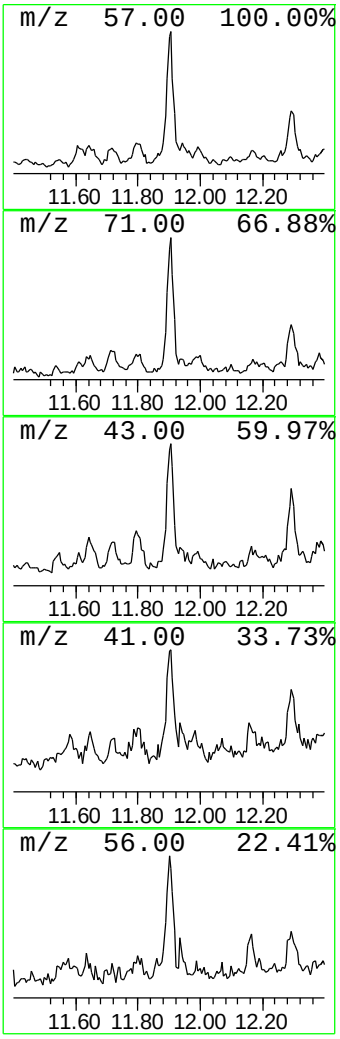
****

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	2.27 ng/ul	186729	Naphthalene-d8	10.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	72
2	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	72
3	Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	59
4	Nonane, 3-methyl-	142	C10H22	005911-04-6	58
5	Threitol, 2-O-octyl-	234	C12H26O4	163776-14-5	50





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080915\
Data File : BG018340.D
Acq On : 9 Aug 2015 22:18
Operator : UM/TP
Sample : G3136-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01T5

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

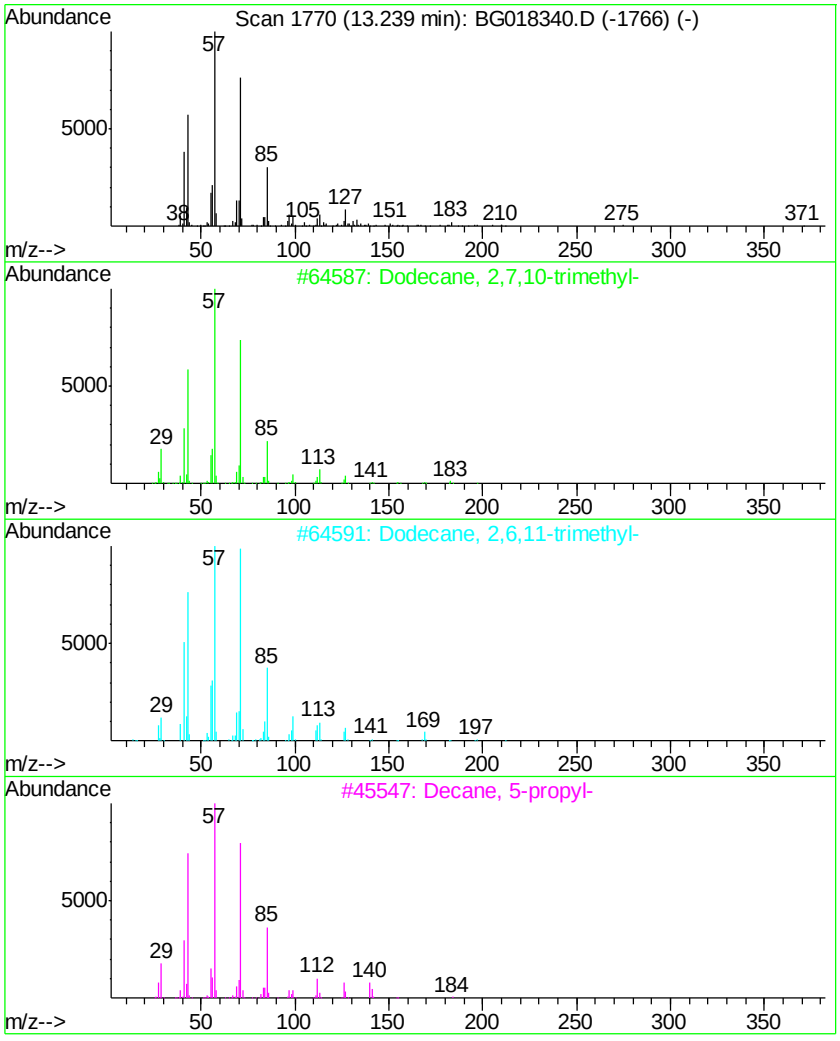
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

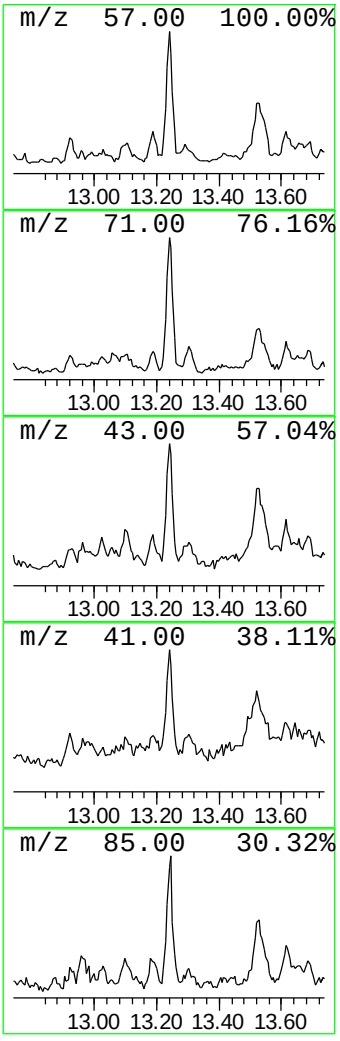
****

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.24	2.80 ng/ul	356859	Acenaphthene-d10	14.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	86
2	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	72
3	Decane, 5-propyl-	184	C13H28	017312-62-8	64
4	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64
5	Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	64





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080915\
Data File : BG018340.D
Acq On : 9 Aug 2015 22:18
Operator : UM/TP
Sample : G3136-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01T5

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

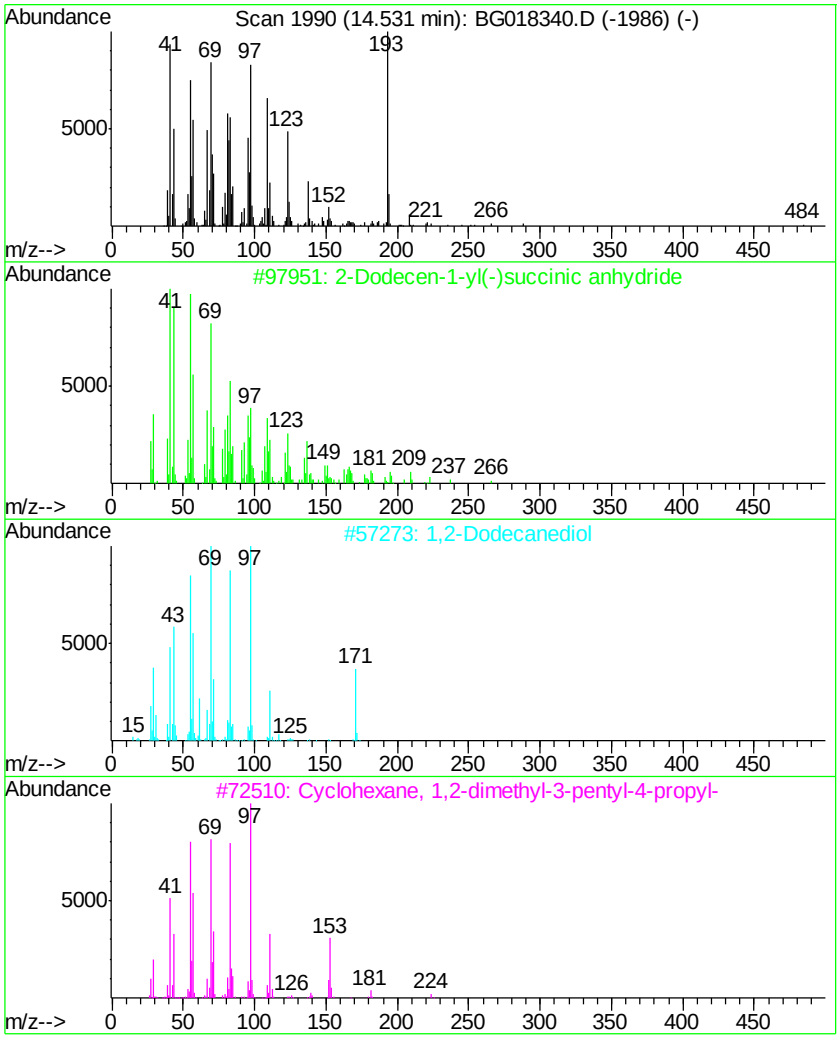
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

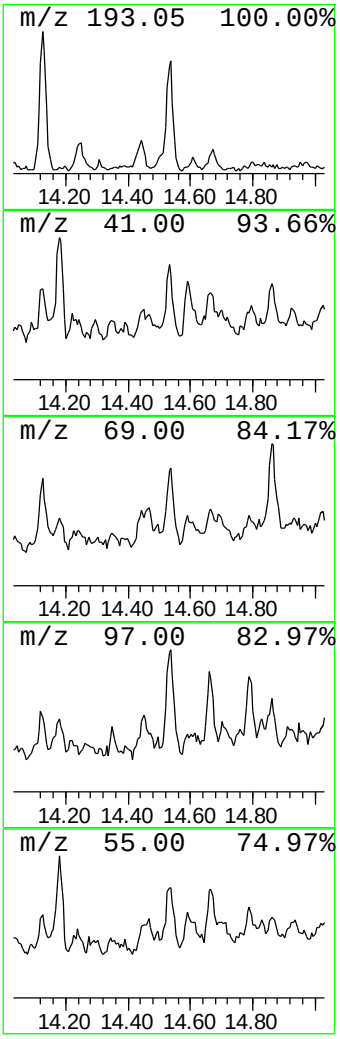
****

Peak Number 5 2-Dodecen-1-yl(-)succinic a... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.53	4.26 ng/ul	542806	Acenaphthene-d10	14.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Dodecen-1-yl(-)succinic anhydride	266	C16H26O3	019780-11-1	70
2	1,2-Dodecanediol	202	C12H26O2	001119-87-5	27
3	Cyclohexane, 1,2-dimethyl-3-pent...	224	C16H32	062376-17-4	25
4	2,6-Heptadienal, 2,4-dimethyl-	138	C9H14O	085136-08-9	25
5	6-Octenal, 3,7-dimethyl-, (R)-	154	C10H18O	002385-77-5	25





Data Path : Z:\HPCHEM1\BNA G\DATA\BG080915\
Data File : BG018340.D
Acq On : 9 Aug 2015 22:18
Operator : UM/TP
Sample : G3136-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01T5

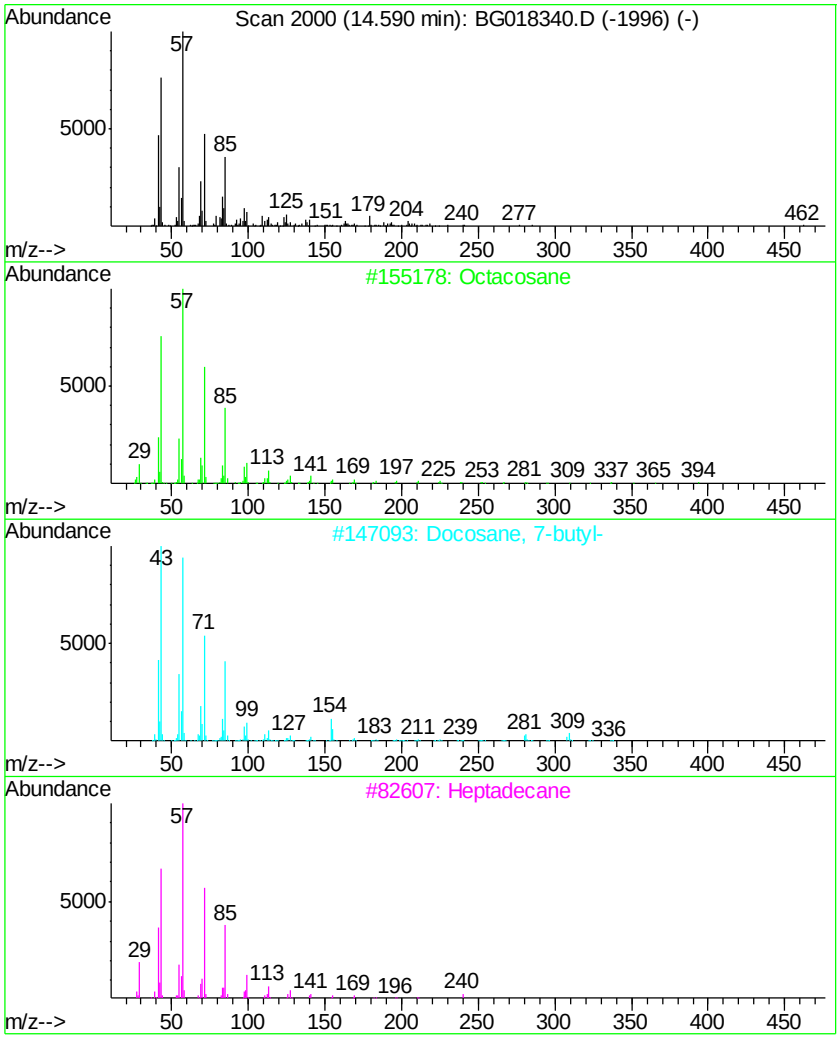
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

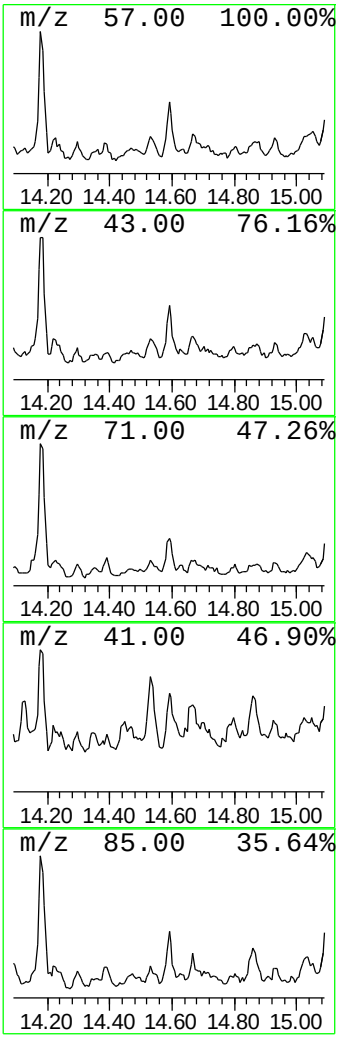
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.59	3.31 ng/ul	421652	Acenaphthene-d10	14.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	72
2	Docosane, 7-butyl-	366	C26H54	055282-15-0	72
3	Heptadecane	240	C17H36	000629-78-7	68
4	Hexadecane	226	C16H34	000544-76-3	64
5	Eicosane	282	C20H42	000112-95-8	64





Library Search Compound Report

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Data File : BG018340.D
Acq On : 9 Aug 2015 22:18
Operator : UM/TP
Sample : G3136-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01T5

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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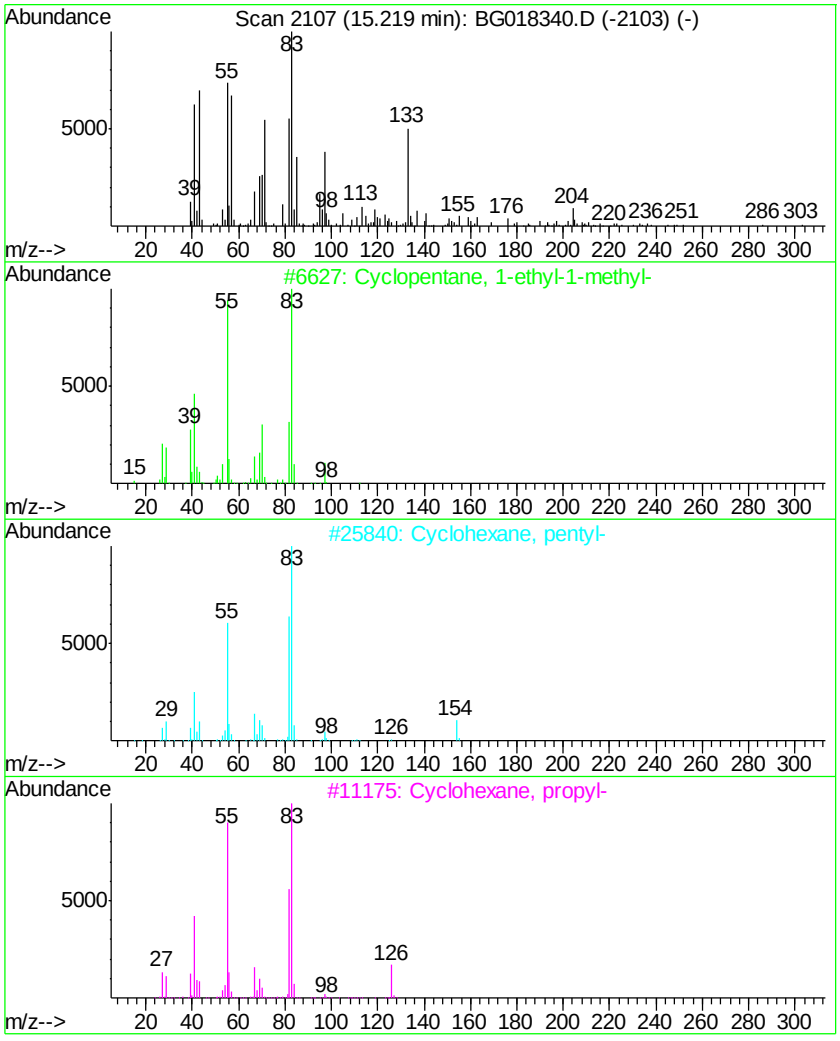
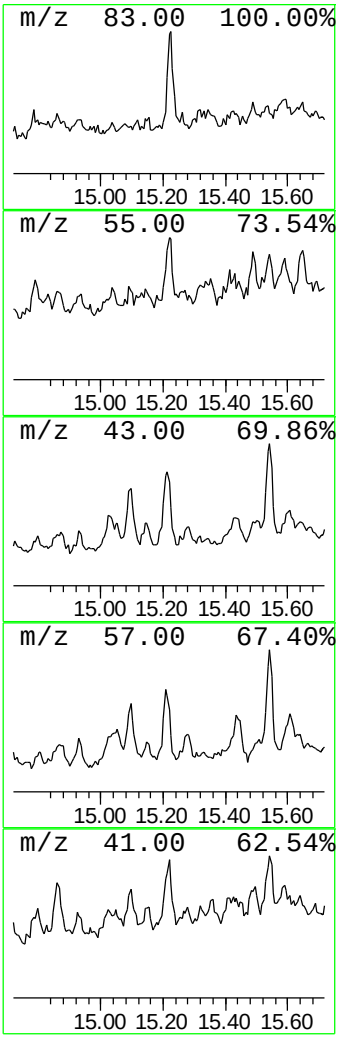
Peak Number 7 (DEL) Alkane: Cyclic15.22 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.22	2.73 ng/ul	347084	Acenaphthene-d10	14.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1-ethyl-1-methyl-	112	C8H16	016747-50-5	30
2	Cyclohexane, pentyl-	154	C11H22	004292-92-6	30
3	Cyclohexane, propyl-	126	C9H18	001678-92-8	27
4	Cyclohexane, butyl-	140	C10H20	001678-93-9	27
5	Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	27





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Instrument : BNA_G
ClientSampleId : C01T5

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Quant Title : SVOA CALIBRATION

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

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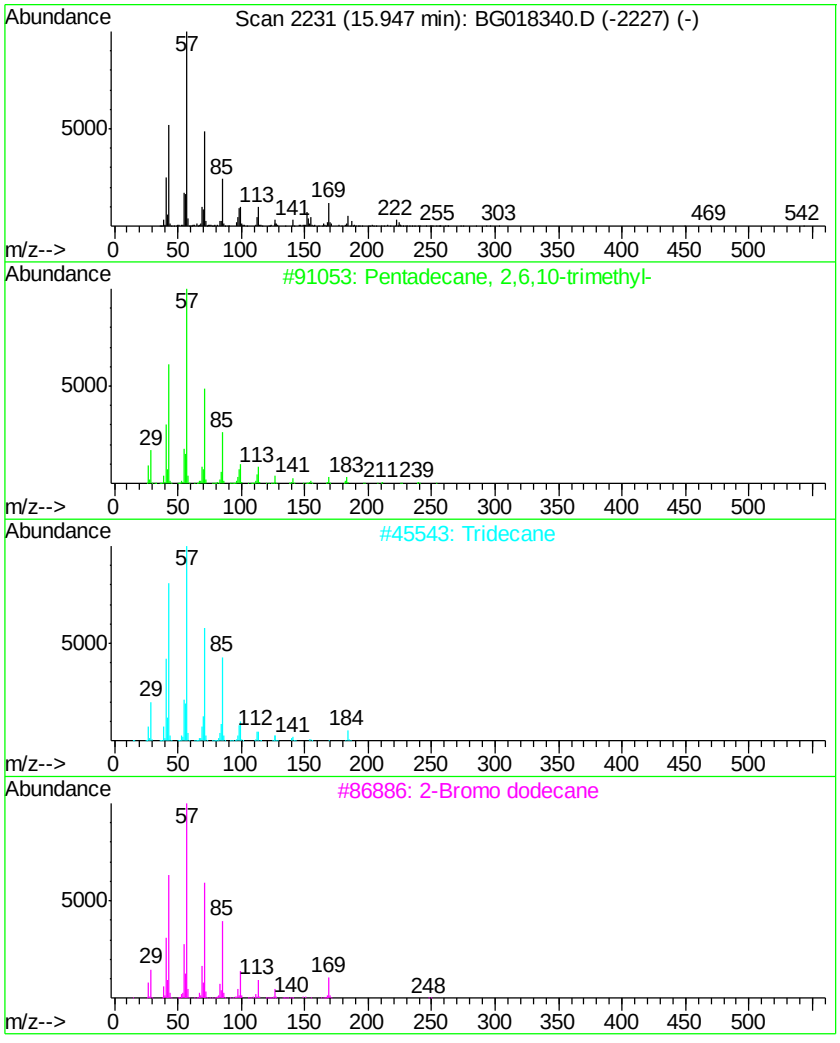
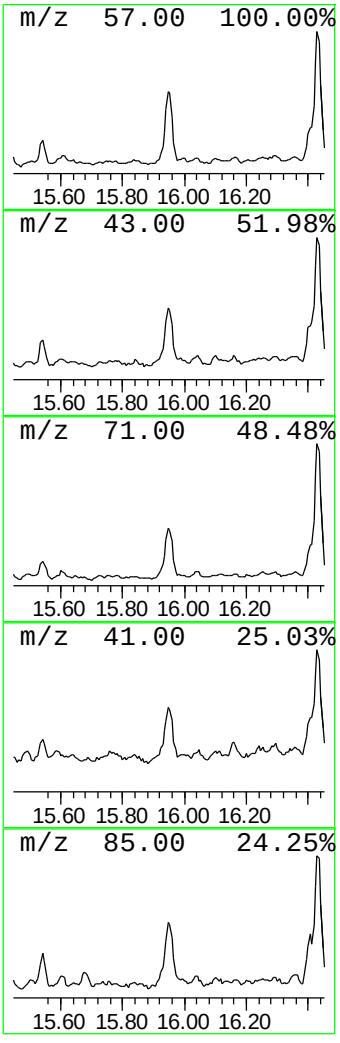
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.95	7.20 ng/ul	916179	Acenaphthene-d10	14.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	91
2	Tridecane	184	C13H28	000629-50-5	68
3	2-Bromo dodecane	248	C12H25Br	013187-99-0	64
4	Heptacosane	380	C27H56	000593-49-7	64
5	Tridecane	184	C13H28	000629-50-5	62





Library Search Compound Report

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Instrument : BNA_G
ClientSampleId : C01T5

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Quant Title : SVOA CALIBRATION

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

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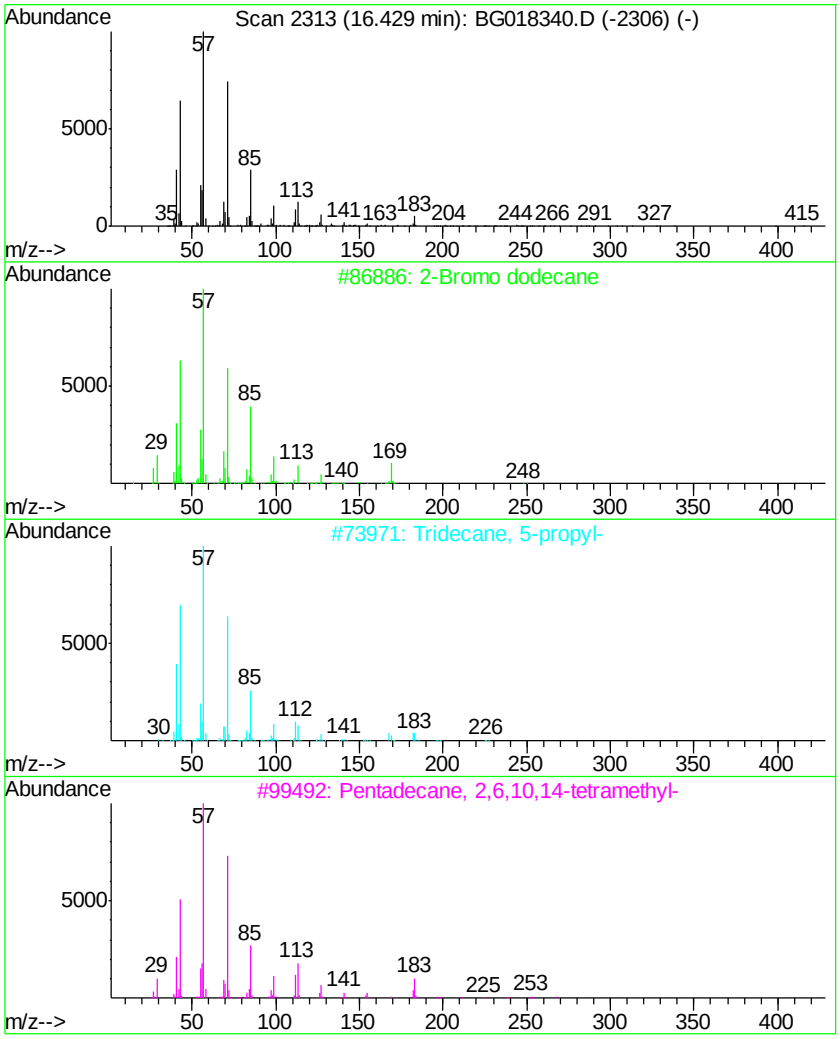
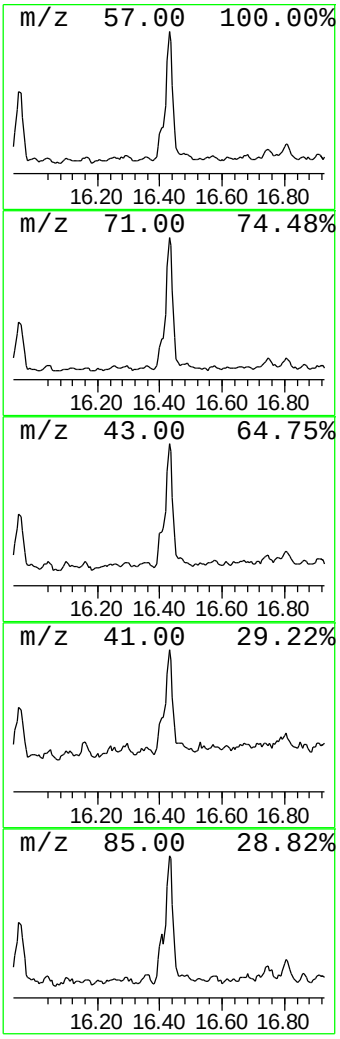
Peak Number 9 2-Bromo dodecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.43	18.43 ng/ul	1985320	Phenanthrene-d10	17.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	96
2	Tridecane, 5-propyl-	226	C16H34	055045-11-9	91
3	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	90
4	Decane, 5-propyl-	184	C13H28	017312-62-8	87
5	Octadecane, 2,6-dimethyl-	282	C20H42	075163-97-2	86





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Instrument : BNA_G
ClientSampleId : C01T5

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Quant Title : SVOA CALIBRATION

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

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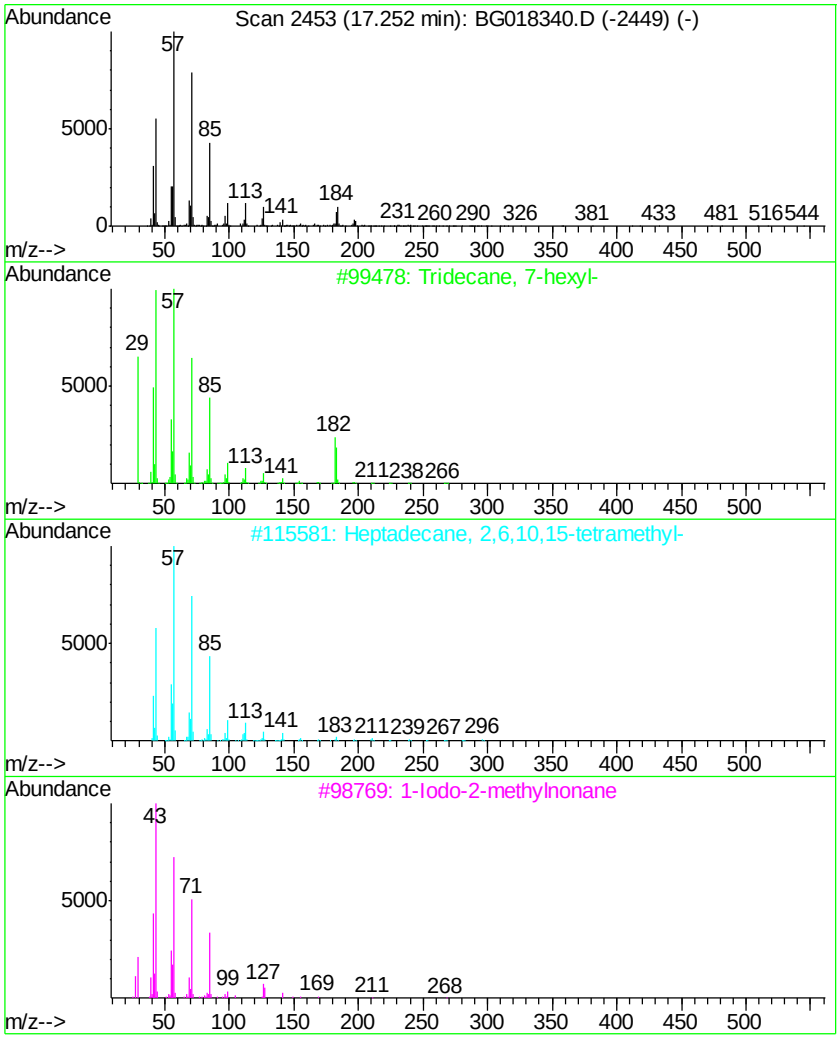
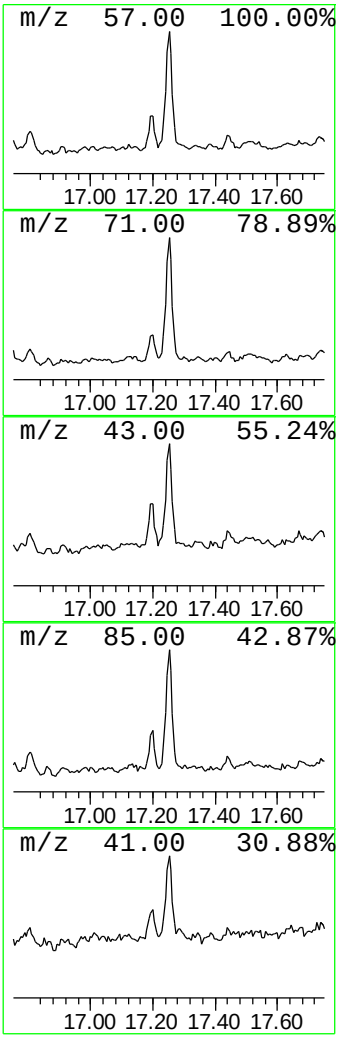
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.25	9.26 ng/ul	997970	Phenanthrene-d10	17.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	93
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87
3	1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	87
4	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	86
5	Tridecane	184	C13H28	000629-50-5	86





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ClientSampleId : C01T5

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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 1,1'-Biphenyl, 2',3,4-trich... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.89	4.50 ng/ul	484579	Phenanthrene-d10	17.43

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, 2,3,4-trichloro-	256	C12H7Cl3	055702-46-0	95
3	1,1'-Biphenyl, 2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	95
4	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	95
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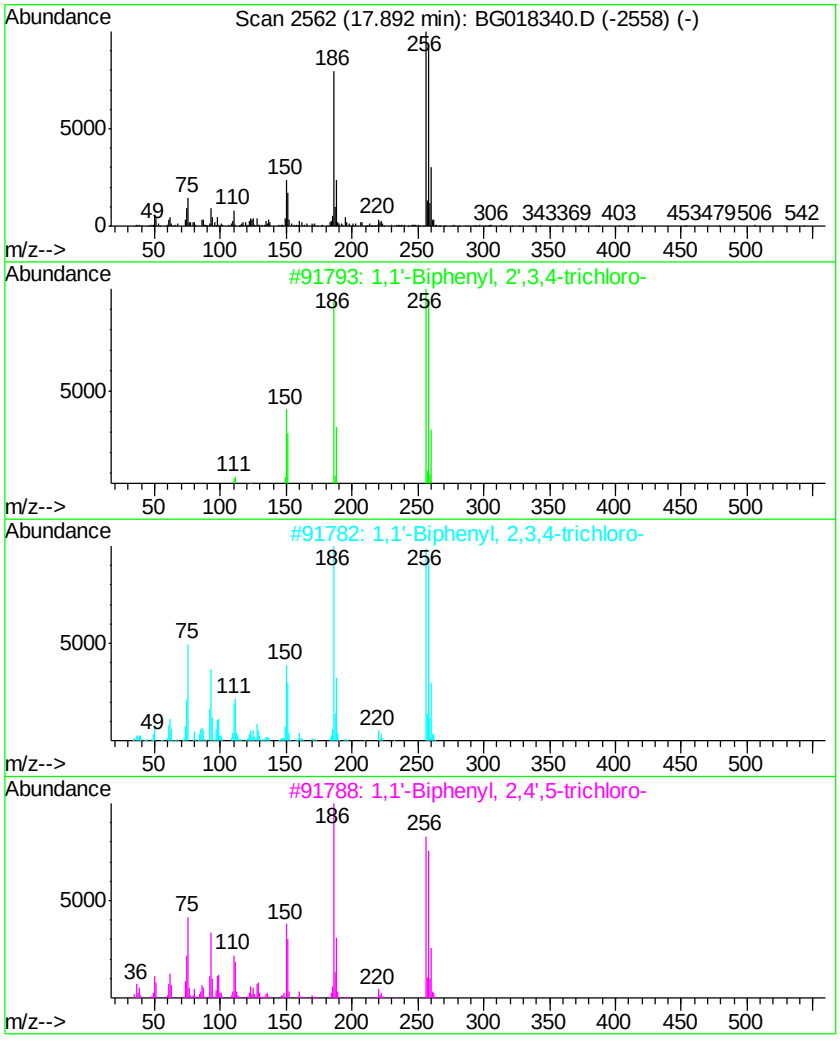

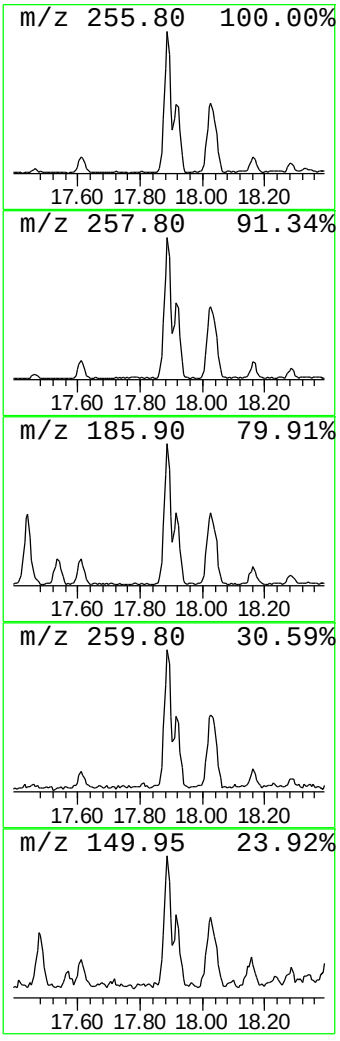

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ClientSampleId : C01T5

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Quant Title : SVOA CALIBRATION

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

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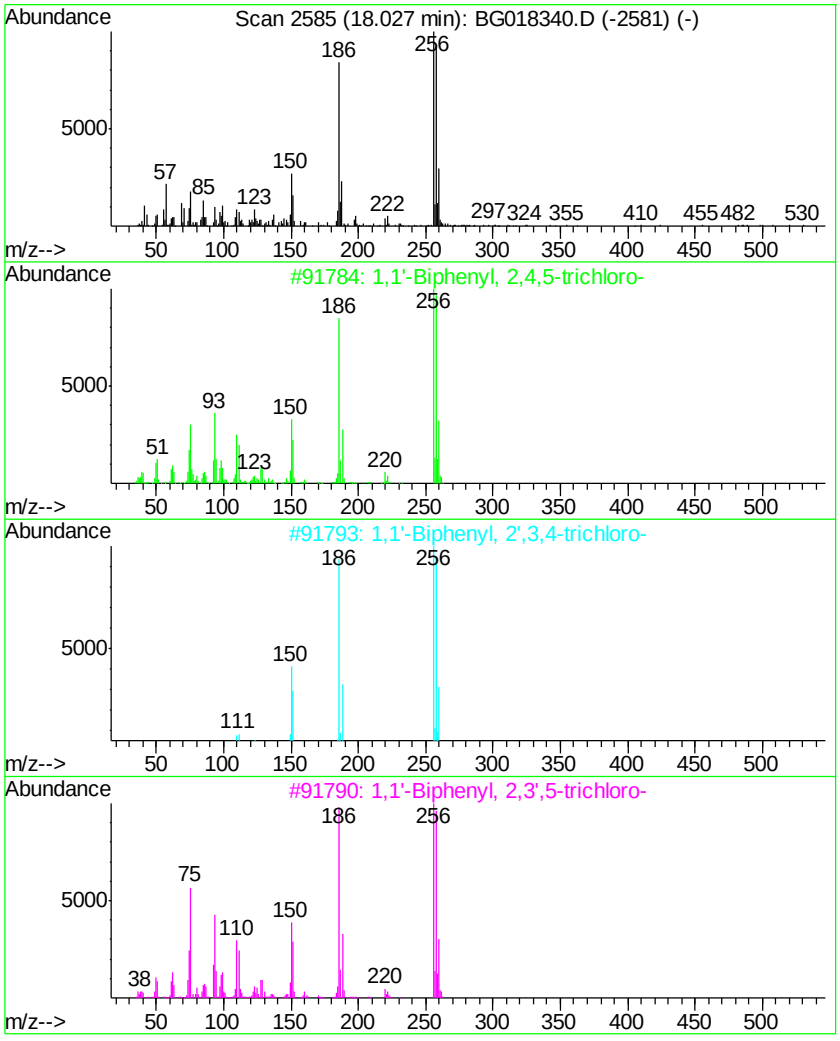
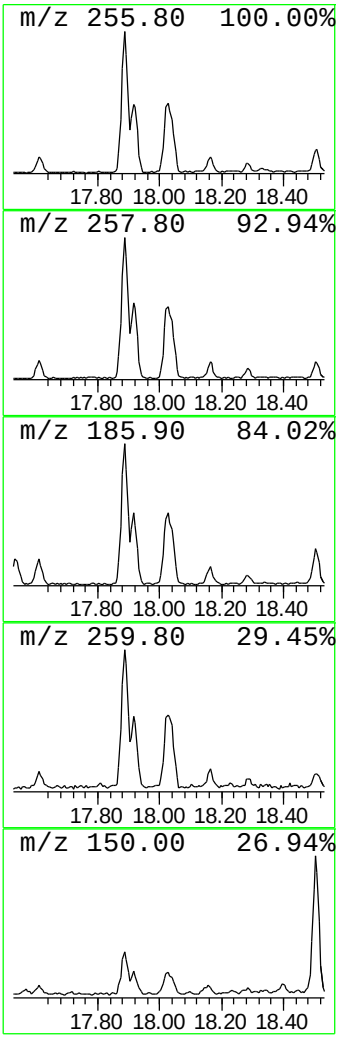
Peak Number 12 1,1'-Biphenyl, 2,4,5-trichl... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.03	7.84 ng/ul	844719	Phenanthrene-d10	17.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,4,5-trichloro-	256	C12H7Cl3	015862-07-4	95
2	1,1'-Biphenyl, 2',3,4-trichloro-	256	C12H7Cl3	038444-86-9	95
3	1,1'-Biphenyl, 2,3',5-trichloro-	256	C12H7Cl3	038444-81-4	94
4	1,1'-Biphenyl, 2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	94
5	1,1'-Biphenyl, 2,3,6-trichloro-	256	C12H7Cl3	055702-45-9	94





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Sample : G3136-06
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Instrument : BNA_G
ClientSampleId : C01T5

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Quant Title : SVOA CALIBRATION

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

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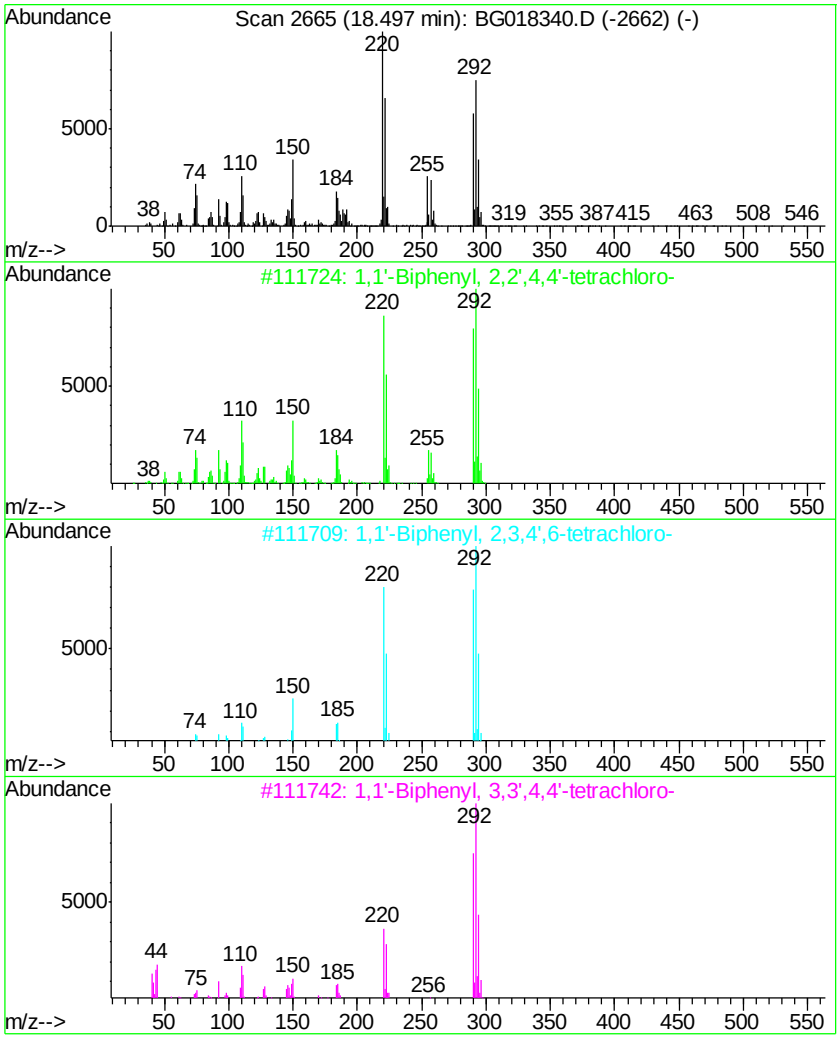
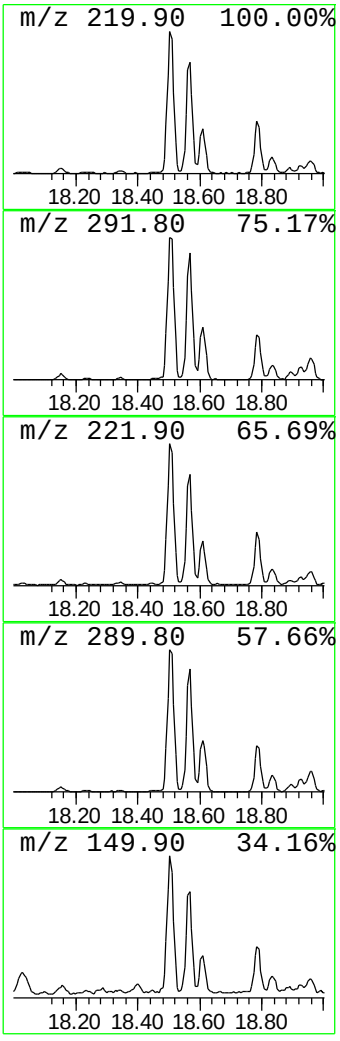
Peak Number 13 1,1'-Biphenyl, 2,2',4,4'-te... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.50	34.30 ng/ul	3695520	Phenanthrene-d10	17.43

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',6-tetrachl...	290	C12H6Cl4	052663-58-8	99
3	1,1'-Biphenyl, 3,3',4,4'-tetrach...	290	C12H6Cl4	032598-13-3	99
4	1,1'-Biphenyl, 2,2',4,6-Tetrachl...	290	C12H6Cl4	062796-65-0	99
5	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99





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ClientSampleId : C01T5

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Quant Title : SVOA CALIBRATION

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

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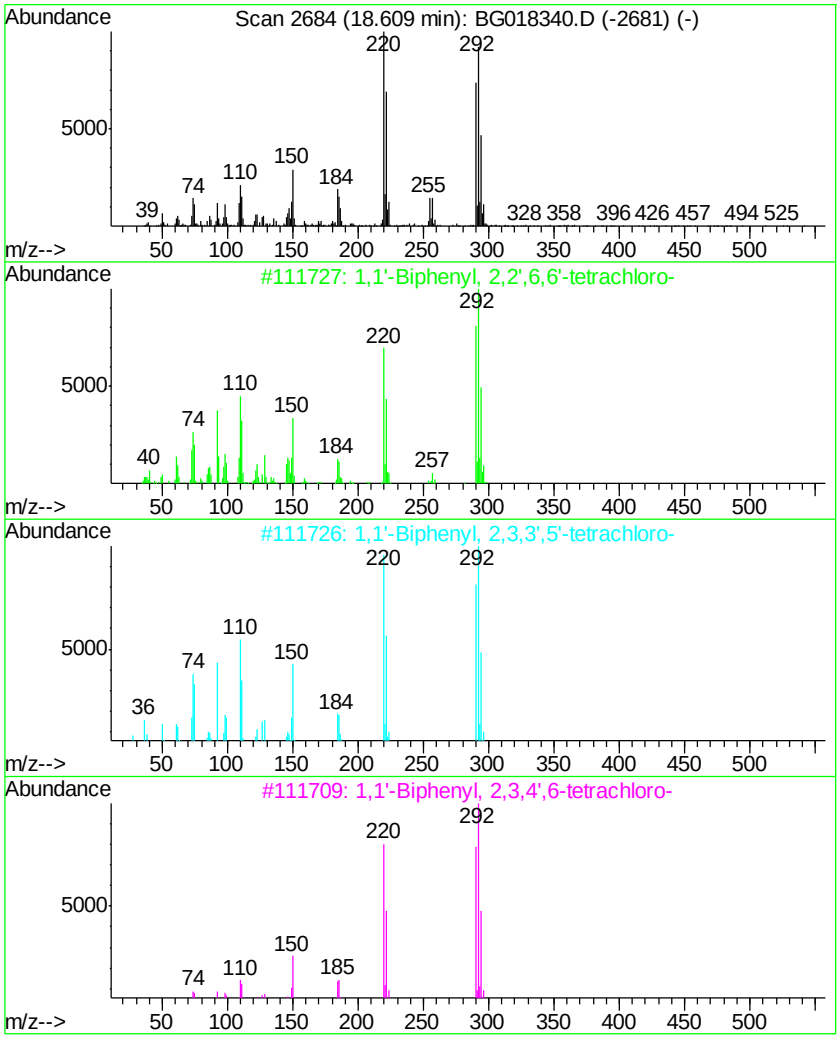
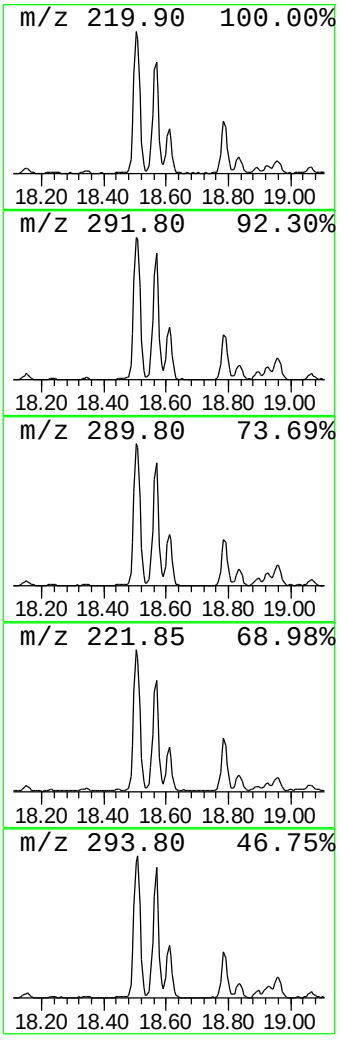
Peak Number 15 1,1'-Biphenyl, 2,2',6,6'-te... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.61	9.92 ng/ul	1069330	Phenanthrene-d10	17.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99
2	1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	99
3	1,1'-Biphenyl, 2,3,4',6-tetrachl...	290	C12H6Cl4	052663-58-8	98
4	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	97
5	1,1'-Biphenyl, 2,3',5,5'-tetrach...	290	C12H6Cl4	041464-42-0	96





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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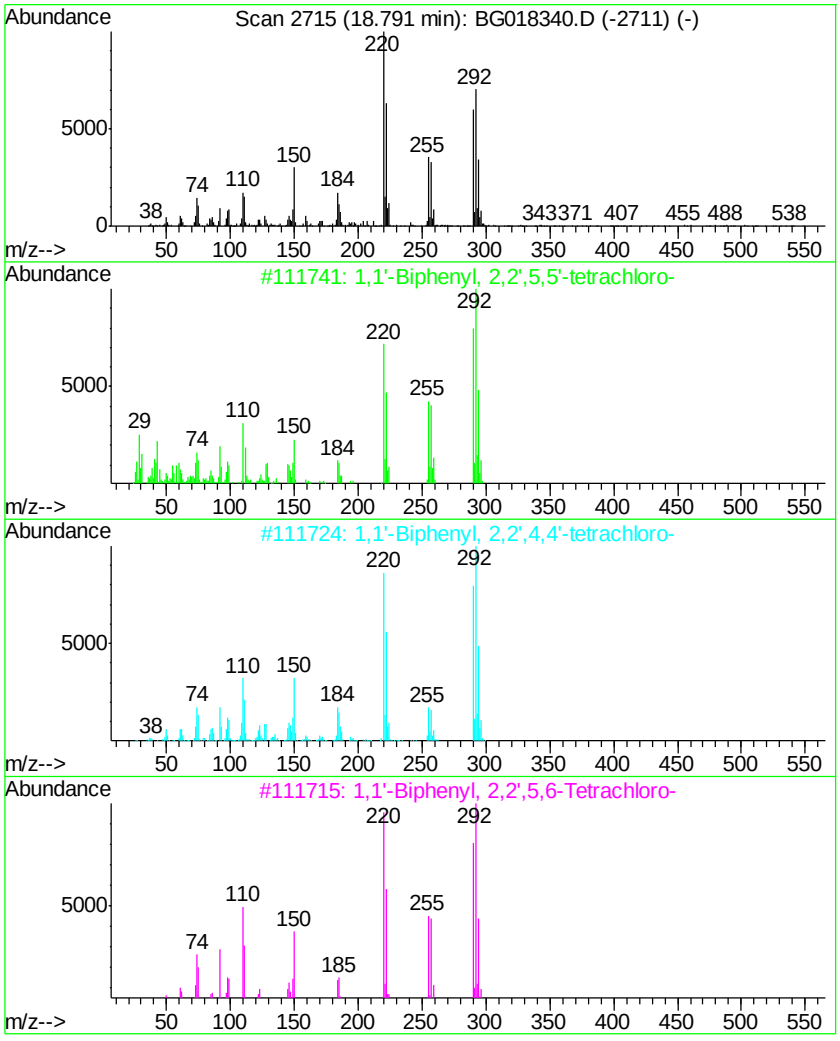
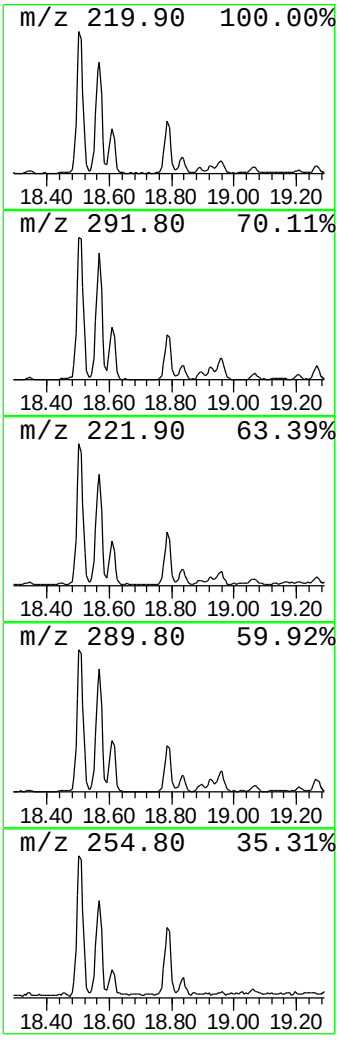
Peak Number 16 1,1'-Biphenyl, 2,2',5,5'-te... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.79	9.67 ng/ul	1041400	Phenanthrene-d10	17.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',5,5'-tetrach...	290	C12H6Cl4	035693-99-3	99
2	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
3	1,1'-Biphenyl, 2,2',5,6-Tetrachl...	290	C12H6Cl4	041464-41-9	99
4	1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	99
5	1,1'-Biphenyl, 2,2',3,4'-tetrach...	290	C12H6Cl4	036559-22-5	99





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Quant Title : SVOA CALIBRATION

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

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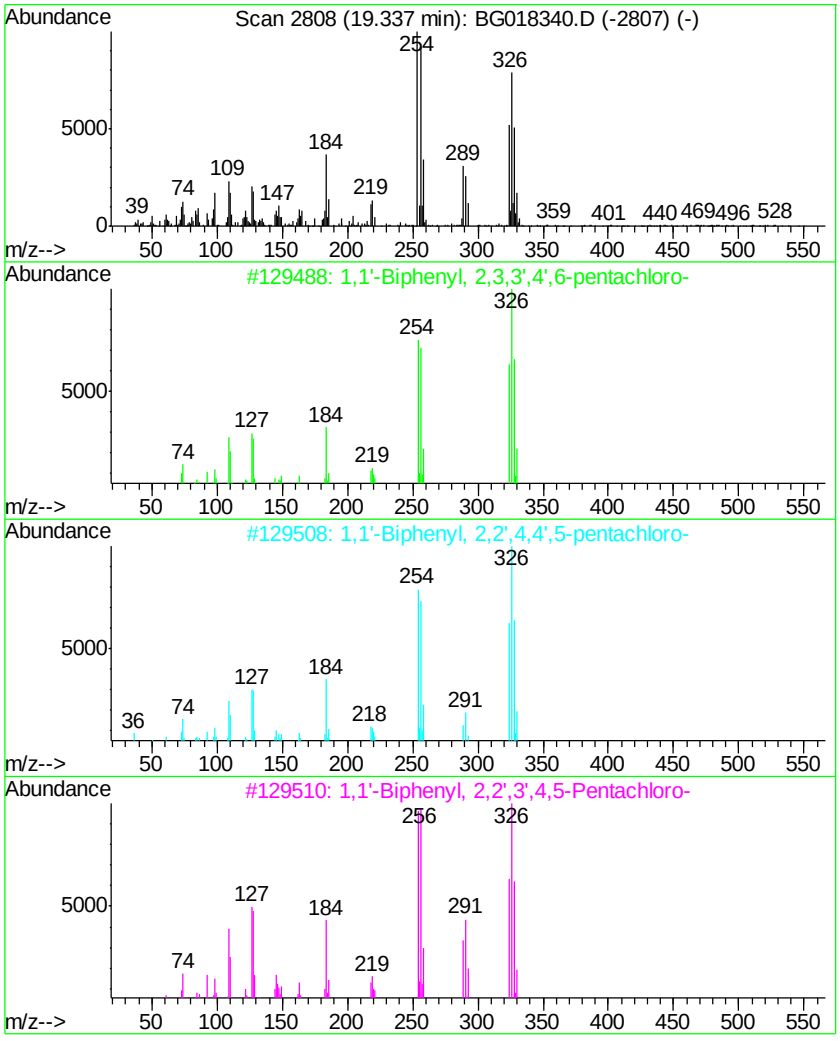
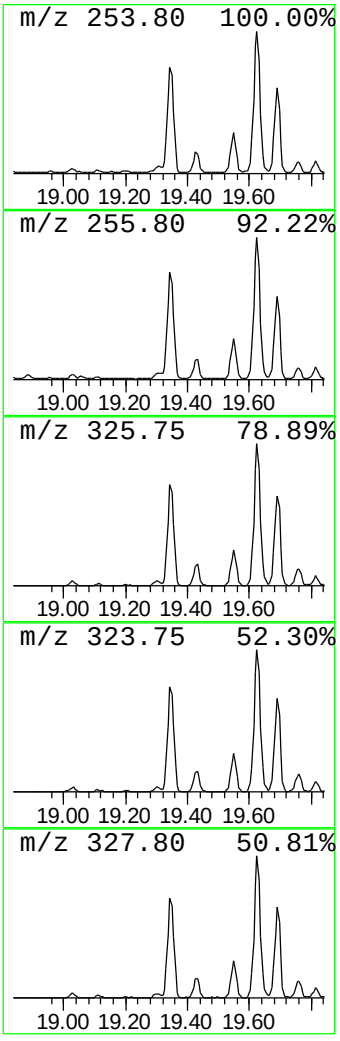
Peak Number 18 1,1'-Biphenyl, 2,3,3',4',6-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.34	29.43 ng/ul	3170940	Phenanthrene-d10	17.43

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',3',4,5-Penta...	324	C12H5Cl5	041464-51-1	98
4	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	97
5	1,1'-Biphenyl, 2,2',3,4,5'-penta...	324	C12H5Cl5	038380-02-8	96





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Quant Title : SVOA CALIBRATION

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

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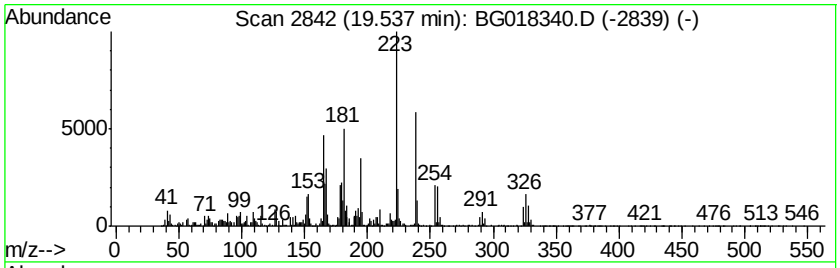
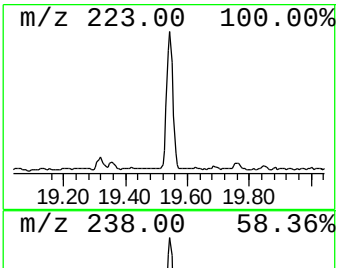
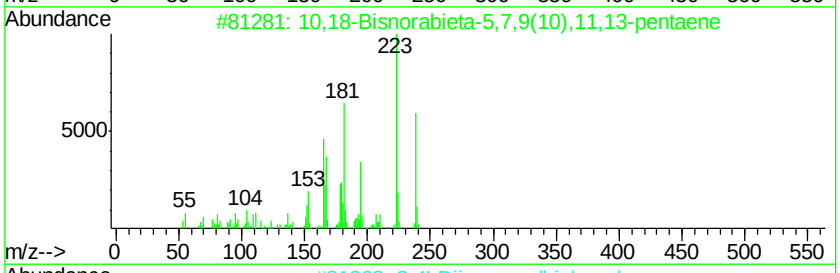
Peak Number 19 10,18-Bisnorabieta-5,7,9(10... Concentration Rank 6

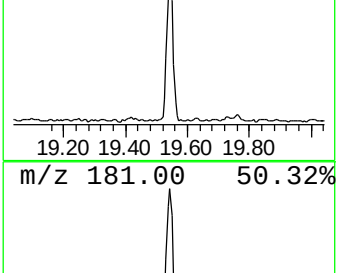
R.T.	EstConc	Area	Relative to ISTD	R.T.
19.54	20.34 ng/ul	2191190	Phenanthrene-d10	17.43

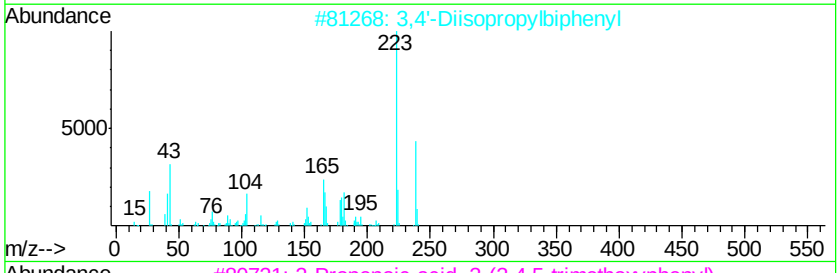
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10,18-Bisnorabieta-5,7,9(10),11,...	238	C18H22	006566-19-4	97
2	3,4'-Diisopropylbiphenyl	238	C18H22	061434-46-6	49
3	2-Propenoic acid, 3-(3,4,5-trime...	238	C12H14O5	000090-50-6	46
4	Anthracene, 9,10-dimethoxy-	238	C16H14O2	002395-97-3	45
5	4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	45

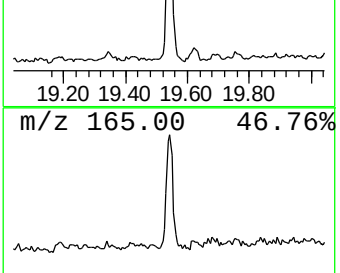


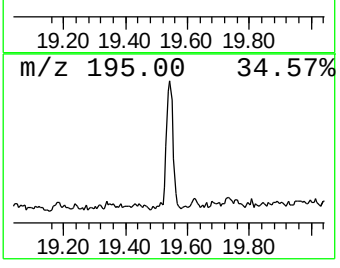


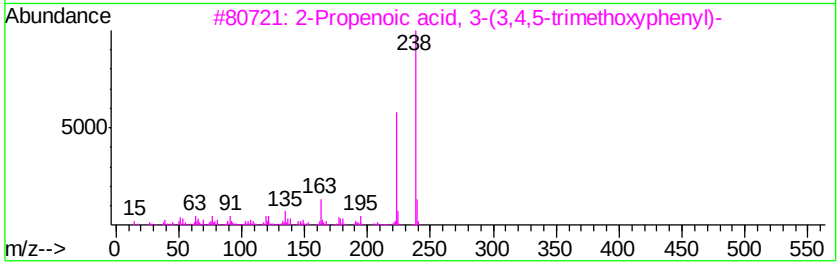












Data Path : Z:\HPCHEM1\BNA G\DATA\BG080915\
Data File : BG018340.D
Acq On : 9 Aug 2015 22:18
Operator : UM/TP
Sample : G3136-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01T5

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

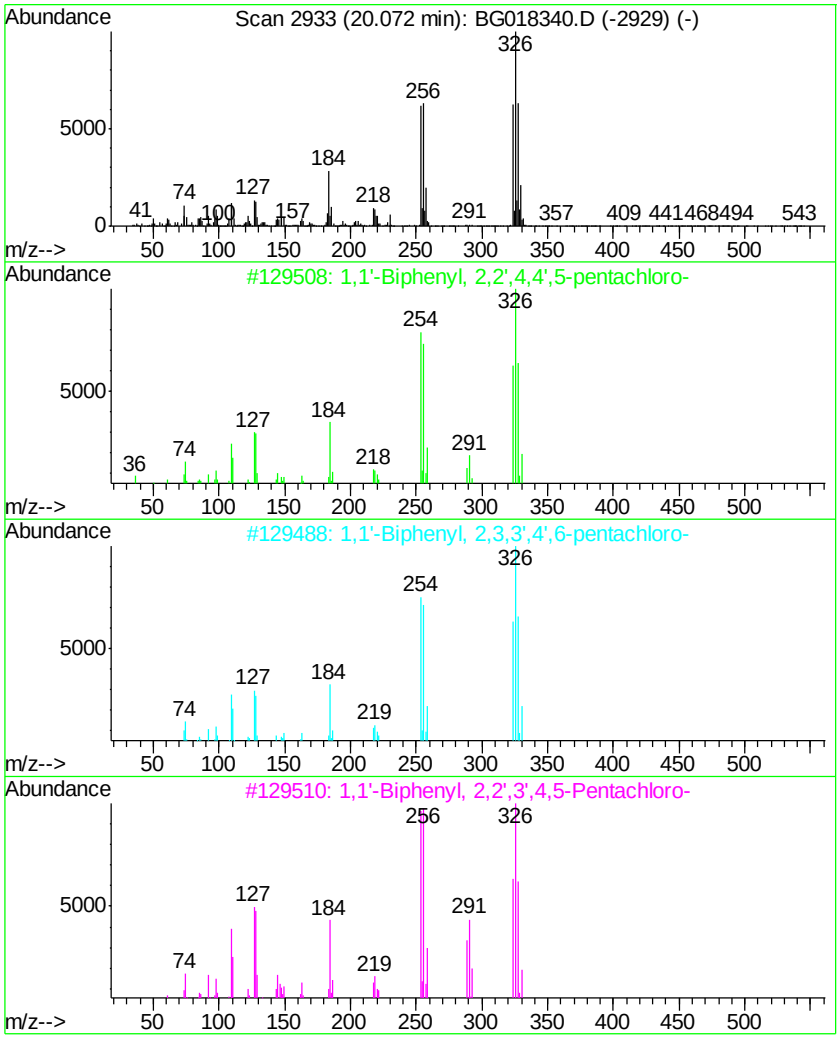
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

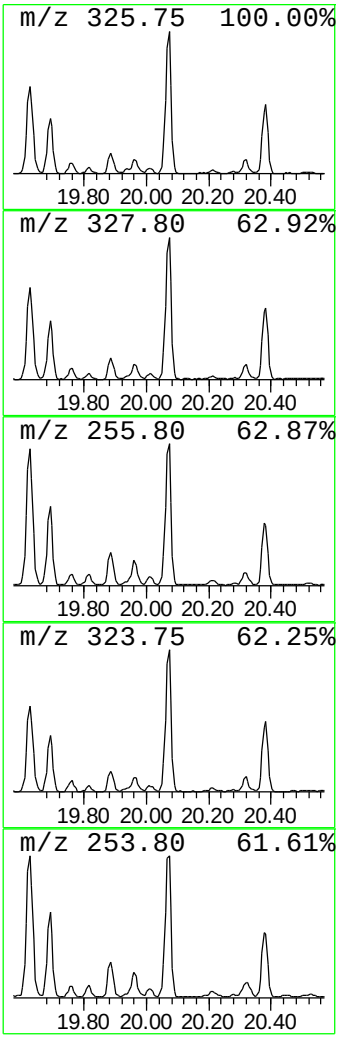
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.07	34.20 ng/ul	3805430	Chrysene-d12	21.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	99
2	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
3	1,1'-Biphenyl, 2,2',3',4,5-Penta...	324	C12H5Cl5	041464-51-1	98
4	1,1'-Biphenyl, 2,2',3,5,5'-penta...	324	C12H5Cl5	052663-61-3	97
5	1,1'-Biphenyl, 2,2',3,4,5'-penta...	324	C12H5Cl5	038380-02-8	97





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080915\
Data File : BG018340.D
Acq On : 9 Aug 2015 22:18
Operator : UM/TP
Sample : G3136-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01T5

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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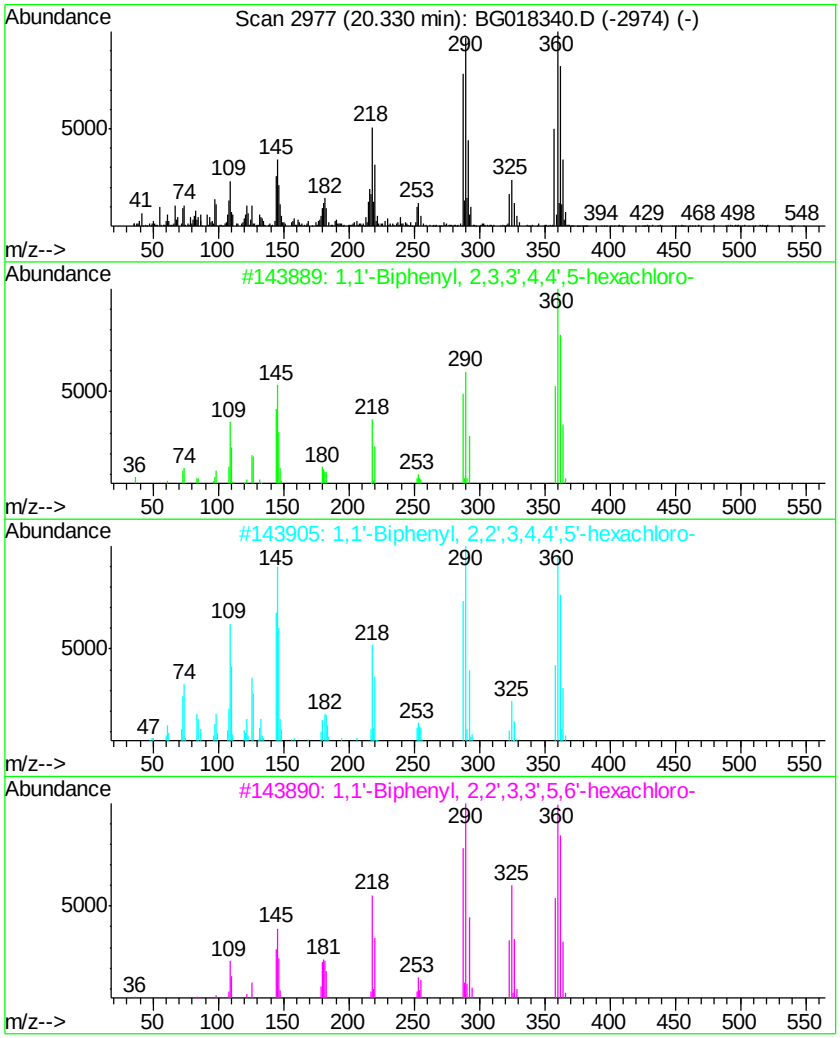
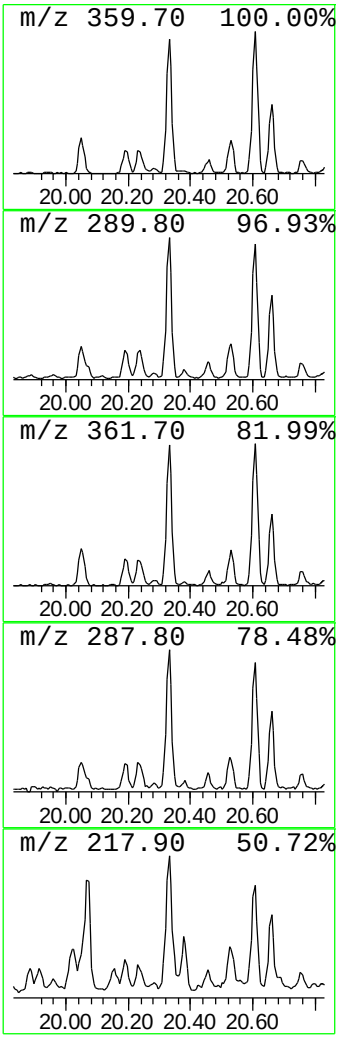
Peak Number 23 1,1'-Biphenyl, 2,3,3',4,4',... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.33	13.56 ng/ul	1508700	Chrysene-d12	21.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',4,4',5-hex...	358	C12H4Cl6	038380-08-4	99
2	1,1'-Biphenyl, 2,2',3,4,4',5'-he...	358	C12H4Cl6	035065-28-2	99
3	1,1'-Biphenyl, 2,2',3,3',5,6'-he...	358	C12H4Cl6	052744-13-5	96
4	1,1'-Biphenyl, 2,2',3,3',6,6'-he...	358	C12H4Cl6	038411-22-2	96
5	1,1'-Biphenyl, 2,2',3,3',4,6'-he...	358	C12H4Cl6	038380-05-1	96





Data Path : Z:\HPCHEM1\BNA G\DATA\BG080915\
Data File : BG018340.D
Acq On : 9 Aug 2015 22:18
Operator : UM/TP
Sample : G3136-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01T5

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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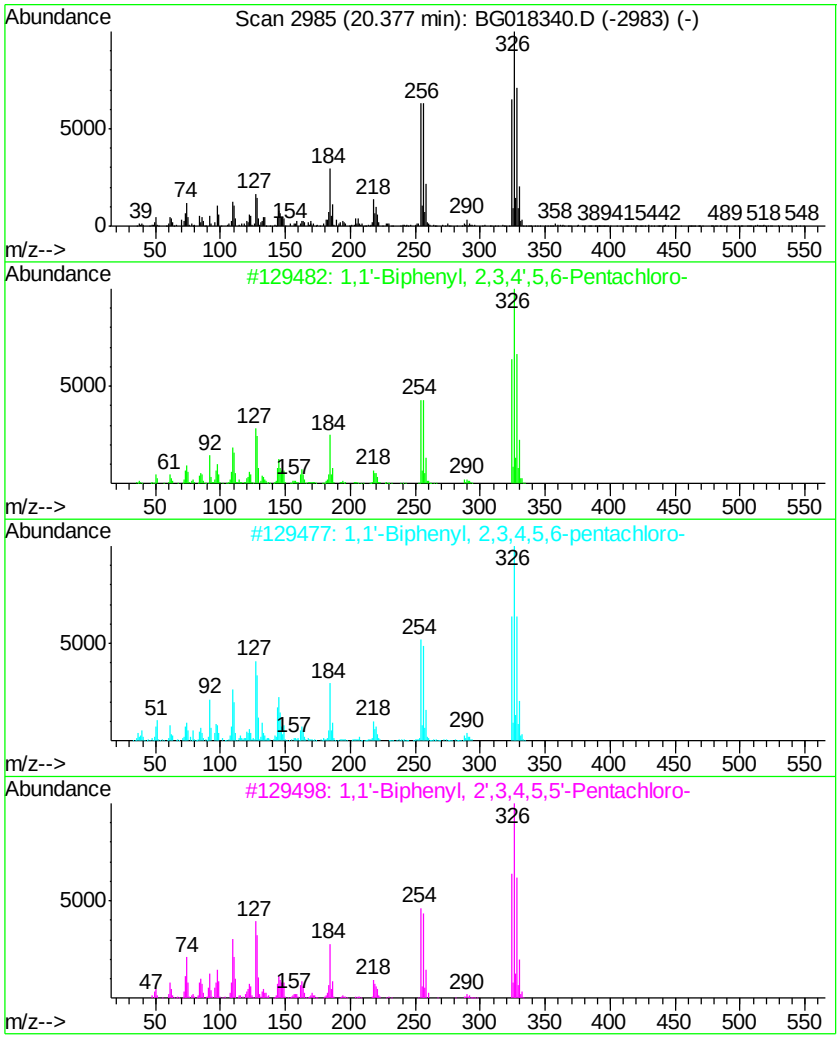
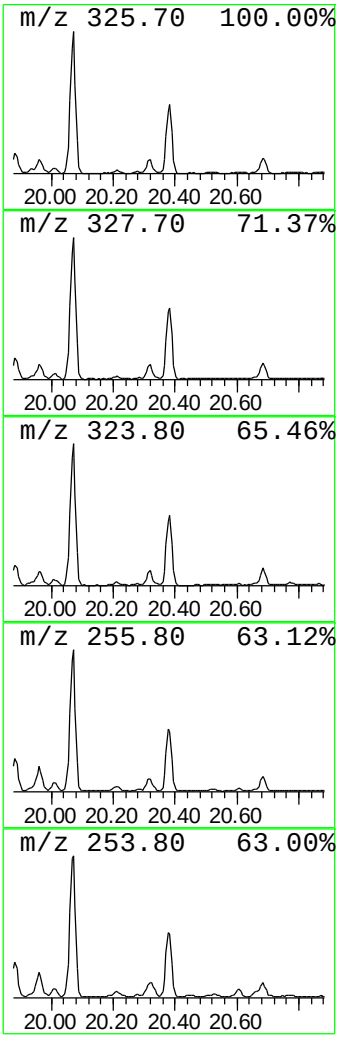
Peak Number 24 1,1'-Biphenyl, 2,3,4',5,6-P... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.38	11.28 ng/ul	1255270	Chrysene-d12	21.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,4',5,6-Pentac...	324	C12H5Cl5	068194-11-6	97
2	1,1'-Biphenyl, 2,3,4,5,6-pentach...	324	C12H5Cl5	018259-05-7	96
3	1,1'-Biphenyl, 2',3,4,5,5'-Penta...	324	C12H5Cl5	070424-70-3	96
4	1,1'-Biphenyl, 2,2',3,5,5'-penta...	324	C12H5Cl5	052663-61-3	96
5	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	96





Data Path : Z:\HPCHEM1\BNA G\DATA\BG080915\
Data File : BG018340.D
Acq On : 9 Aug 2015 22:18
Operator : UM/TP
Sample : G3136-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01T5

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

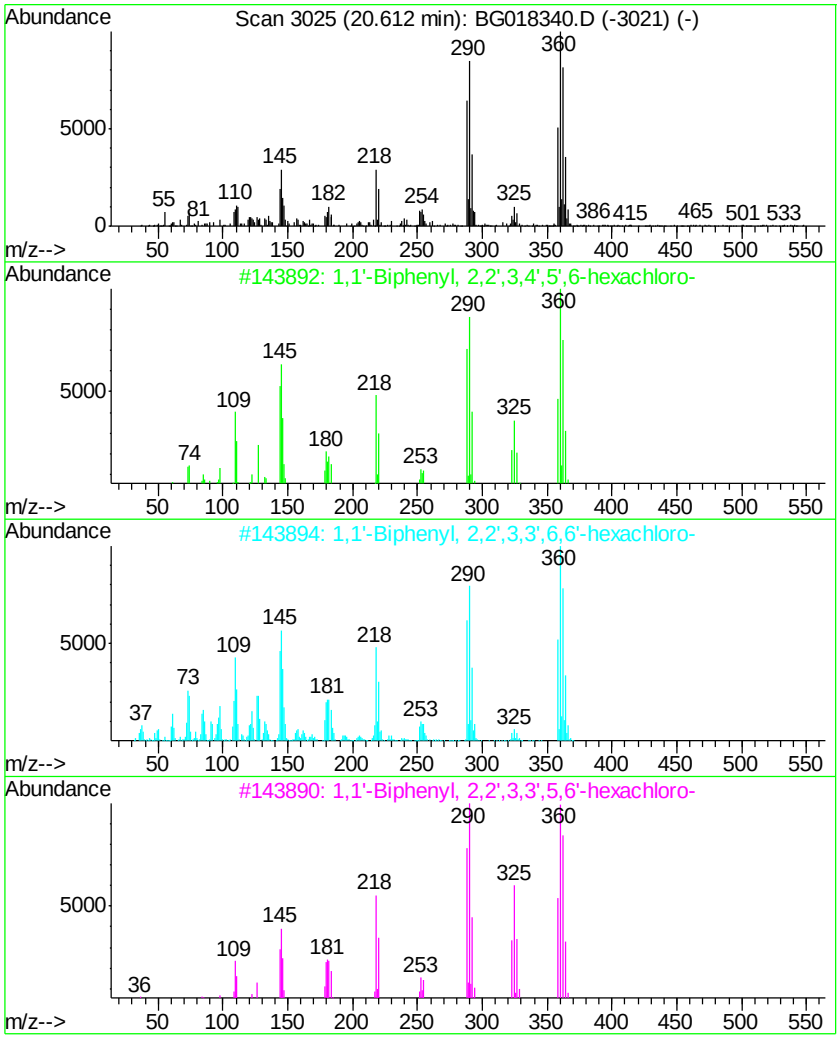
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

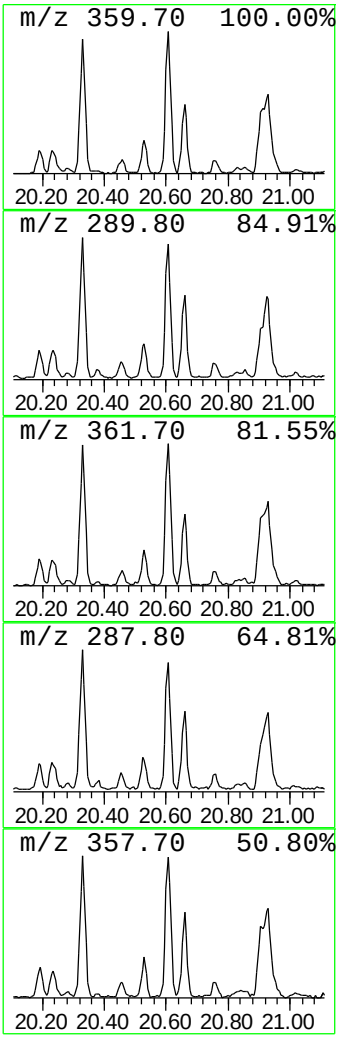
****

Peak Number 25 1,1'-Biphenyl, 2,2',3,4',5'... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.61	10.46 ng/ul	1163360	Chrysene-d12	21.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4',5',6-he...	358	C12H4Cl6	038380-04-0	96
2	1,1'-Biphenyl, 2,2',3,3',6,6'-he...	358	C12H4Cl6	038411-22-2	96
3	1,1'-Biphenyl, 2,2',3,3',5,6'-he...	358	C12H4Cl6	052744-13-5	96
4	1,1'-Biphenyl, 2,2',3,4,5,6'-Hex...	358	C12H4Cl6	068194-15-0	95
5	1,1'-Biphenyl, 2,2',3,4,4',5'-he...	358	C12H4Cl6	035065-28-2	94





Data Path : Z:\HPCHEM1\BNA G\DATA\BG080915\
Data File : BG018340.D
Acq On : 9 Aug 2015 22:18
Operator : UM/TP
Sample : G3136-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01T5

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

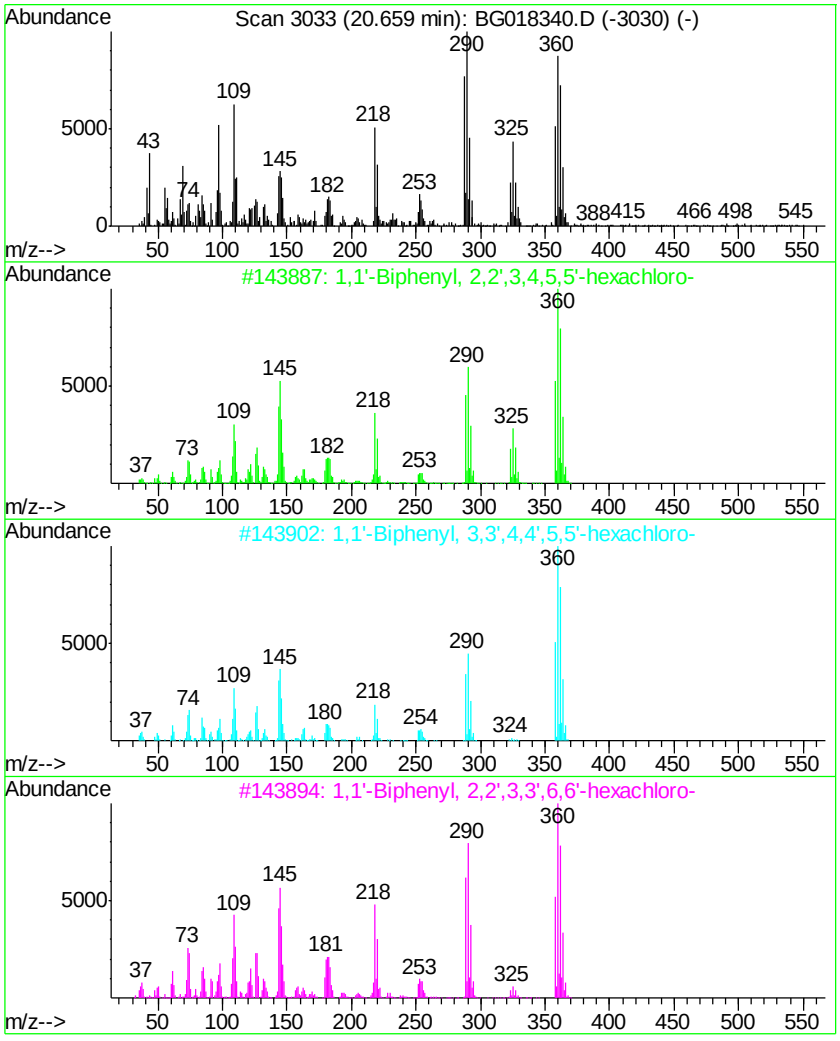
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

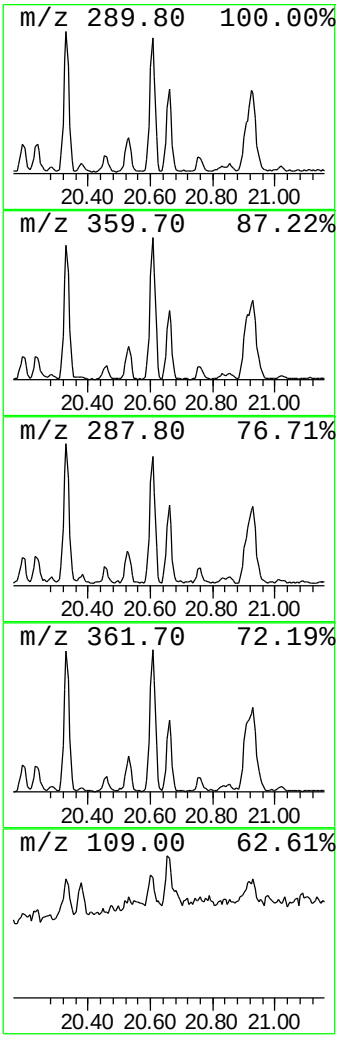
****

Peak Number 26 1,1'-Biphenyl, 2,2',3,4,5,5... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.66	9.64 ng/ul	1072700	Chrysene-d12	21.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4,5,5'-hex...	358	C12H4Cl6	052712-04-6	99
2	1,1'-Biphenyl, 3,3',4,4',5,5'-he...	358	C12H4Cl6	032774-16-6	95
3	1,1'-Biphenyl, 2,2',3,3',6,6'-he...	358	C12H4Cl6	038411-22-2	95
4	1,1'-Biphenyl, 2,2',4,4',5,5'-he...	358	C12H4Cl6	035065-27-1	94
5	1,1'-Biphenyl, 2,2',3,4',5',6-he...	358	C12H4Cl6	038380-04-0	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080915\
Data File : BG018340.D
Acq On : 9 Aug 2015 22:18
Operator : UM/TP
Sample : G3136-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01T5

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...	7.72	2.2	ng/ul	102401	1	8.07	935930	20.0
(DEL) Alkane: Str...	11.90	2.3	ng/ul	186729	2	10.88	1647300	20.0
(DEL) Alkane: Str...	13.24	2.8	ng/ul	356859	3	14.70	2546330	20.0
2-Dodecen-1-yl(-)...	14.53	4.3	ng/ul	542806	3	14.70	2546330	20.0
(DEL) Alkane: Str...	14.59	3.3	ng/ul	421652	3	14.70	2546330	20.0
(DEL) Alkane: Cyc...	15.22	2.7	ng/ul	347084	3	14.70	2546330	20.0
(DEL) Alkane: Str...	15.95	7.2	ng/ul	916179	3	14.70	2546330	20.0
2-Bromo dodecane	16.43	18.4	ng/ul	1985320	4	17.43	2154930	20.0
(DEL) Alkane: Str...	17.25	9.3	ng/ul	997970	4	17.43	2154930	20.0
1,1'-Biphenyl, 2'...	17.89	4.5	ng/ul	484579	4	17.43	2154930	20.0
1,1'-Biphenyl, 2,...	18.03	7.8	ng/ul	844719	4	17.43	2154930	20.0
1,1'-Biphenyl, 2,...	18.50	34.3	ng/ul	3695520	4	17.43	2154930	20.0
1,1'-Biphenyl, 2,...	18.61	9.9	ng/ul	1069330	4	17.43	2154930	20.0
1,1'-Biphenyl, 2,...	18.79	9.7	ng/ul	1041400	4	17.43	2154930	20.0
1,1'-Biphenyl, 2,...	19.34	29.4	ng/ul	3170940	4	17.43	2154930	20.0
10,18-Bisnorabiet...	19.54	20.3	ng/ul	2191190	4	17.43	2154930	20.0
1,1'-Biphenyl, 2,...	20.07	34.2	ng/ul	3805430	5	21.71	2225360	20.0
1,1'-Biphenyl, 2,...	20.33	13.6	ng/ul	1508700	5	21.71	2225360	20.0
1,1'-Biphenyl, 2,...	20.38	11.3	ng/ul	1255270	5	21.71	2225360	20.0
1,1'-Biphenyl, 2,...	20.61	10.5	ng/ul	1163360	5	21.71	2225360	20.0
1,1'-Biphenyl, 2,...	20.66	9.6	ng/ul	1072700	5	21.71	2225360	20.0