LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080915\
Data File : BG018339.D
Acq On : 9 Aug 2015 21:40
Operator : UM/TP
Sample : G3136-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01T4

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	4.042	201	205	211	rBV8	16544	32758	0.77%	0.050%
2	4.265	239	243	250	rVB3	16265	26307	0.62%	0.040%
3	5.399	430	436	443	rVB2	63634	111777	2.64%	0.169%
4	5.593	464	469	474	rVB	22550	35793	0.85%	0.054%
5	5.722	485	491	493	rBV	35555	58409	1.38%	0.088%
6	6.086	546	553	560	rVB3	38170	75249	1.78%	0.114%
7	7.073	709	721	726	rBV4	31405	76800	1.81%	0.116%
8	7.220	740	746	755	rVB	226534	398462	9.41%	0.603%
9	7.297	755	759	767	rVB2	24824	47944	1.13%	0.073%
10	7.396	771	776	783	rBV	176077	280418	6.62%	0.424%
11	7.561	799	804	806	rBV3	23810	36925	0.87%	0.056%
12	7.602	806	811	820	rVV	207375	368586	8.70%	0.558%
13	7.726	823	832	838	rVV3	42161	86828	2.05%	0.131%
14	7.961	865	872	879	rBV10	14991	36892	0.87%	0.056%
15	8.072	885	891	902	rBV	507320	918575	21.69%	1.390%
16	8.196	908	912	920	rVB7	19553	43581	1.03%	0.066%
17	8.313	928	932	938	rBV8	17006	33717	0.80%	0.051%
18	8.448	950	955	962	rVB4	14003	27280	0.64%	0.041%
19	8.572	971	976	980	rBV8	20791	35153	0.83%	0.053%
20	8.624	980	985	990	rVV4	38373	67083	1.58%	0.101%
21	8.713	995	1000	1004	rBV3	44357	77015	1.82%	0.117%
22	8.765	1004	1009	1016	rVB2	149545	260225	6.14%	0.394%
23	8.889	1025	1030	1038	rVB2	22560	45515	1.07%	0.069%
24	9.083	1059	1063	1069	rVB5	28292	44248	1.04%	0.067%
25	9.183	1073	1080	1083	rBV3	47133	88768	2.10%	0.134%
26	9.230	1083	1088	1098	rVV	204727	388182	9.16%	0.587%
27	9.306	1098	1101	1111	rVB2	30868	61578	1.45%	0.093%
28	9.435	1118	1123	1128	rVB7	17074	34515	0.81%	0.052%
29	9.664	1157	1162	1165	rBV6	18994	33662	0.79%	0.051%
30	9.706	1165	1169	1175	rVV3	38970	68966	1.63%	0.104%
31	9.764	1175	1179	1185	rVV2	59138	95625	2.26%	0.145%
32	9.952	1205	1211	1218	rBV3	181838	348731	8.23%	0.528%
33	10.011	1218	1221	1226	rVB7	21646	31751	0.75%	0.048%
34	10.082	1226	1233	1237	rBV6	30435	70817	1.67%	0.107%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080915\
Data File : BG018339.D
Acq On : 9 Aug 2015 21:40
Operator : UM/TP
Sample : G3136-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01T4

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	10.234	1253	1259	1262	rBV5	25055	44896	1.06%	0.068%
36	10.281	1262	1267	1274	rVV8	61051	153077	3.61%	0.232%
37	10.340	1274	1277	1285	rVB6	30337	61960	1.46%	0.094%
38	10.493	1295	1303	1311	rVB	251525	491773	11.61%	0.744%
39	10.575	1313	1317	1321	rBV3	24926	43879	1.04%	0.066%
40	10.652	1327	1330	1337	rBV8	11519	25963	0.61%	0.039%
41	10.740	1337	1345	1351	rBV3	64487	144094	3.40%	0.218%
42	10.881	1359	1369	1374	rBV	842374	1616915	38.18%	2.446%
43	10.928	1374	1377	1384	rVV3	83867	172931	4.08%	0.262%
44	11.004	1385	1390	1394	rVV3	86503	166729	3.94%	0.252%
45	11.045	1394	1397	1401	rVB2	59269	80748	1.91%	0.122%
46	11.098	1401	1406	1411	rBV8	25947	45506	1.07%	0.069%
47	11.257	1424	1433	1434	rBV9	17652	37971	0.90%	0.057%
48	11.374	1446	1453	1458	rBV10	25464	48287	1.14%	0.073%
49	11.539	1479	1481	1484	rBV4	23334	34997	0.83%	0.053%
50	11.650	1496	1500	1506	rVB7	27281	43496	1.03%	0.066%
51	11.715	1507	1511	1518	rVB7	29929	51994	1.23%	0.079%
52	11.797	1519	1525	1532	rVB7	74812	135360	3.20%	0.205%
53	11.903	1538	1543	1547	rBV2	105476	166383	3.93%	0.252%
54	11.985	1553	1557	1564	rVB9	39224	74923	1.77%	0.113%
55	12.067	1567	1571	1578	rBV10	22416	49674	1.17%	0.075%
56	12.167	1584	1588	1591	rBV6	35075	53743	1.27%	0.081%
57	12.297	1606	1610	1614	rBV5	38537	53734	1.27%	0.081%
58	12.526	1645	1649	1655	rVB2	109056	189248	4.47%	0.286%
59	12.614	1660	1664	1669	rVV8	26054	41974	0.99%	0.063%
60	12.743	1682	1686	1694	rVB4	48434	88118	2.08%	0.133%
61	12.925	1713	1717	1721	rBV4	35688	51828	1.22%	0.078%
62	13.190	1759	1762	1765	rBV3	27089	41948	0.99%	0.063%
63	13.243	1767	1771	1776	rVB	233546	307901	7.27%	0.466%
64	13.525	1816	1819	1826	rVB4	122641	216406	5.11%	0.327%
65	13.613	1832	1834	1838	rBV3	39131	57517	1.36%	0.087%
66	14.095	1912	1916	1919	rBV	476739	650327	15.35%	0.984%
67	14.136	1919	1923	1927	rVV2	305315	574649	13.57%	0.869%
68	14.183	1927	1931	1935	rVB	443015	583235	13.77%	0.882%
69	14.241	1935	1941	1947	rVB5	84700	184211	4.35%	0.279%
70	14.353	1957	1960	1961	rBV2	54792	63197	1.49%	0.096%
71	14.388	1961	1966	1971	rVB	566271	868813	20.51%	1.314%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080915\
Data File : BG018339.D
Acq On : 9 Aug 2015 21:40
Operator : UM/TP
Sample : G3136-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01T4

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	14.447	1972	1976	1982	rBV7	84895	213214	5.03%	0.323%
73	14.535	1987	1991	1997	rVB2	289186	466491	11.01%	0.706%
74	14.594	1997	2001	2009	rBV2	183161	405248	9.57%	0.613%
75	14.694	2009	2018	2025	rBV2	1347554	2554360	60.31%	3.864%
76	14.864	2043	2047	2051	rBV3	135553	204249	4.82%	0.309%
77	15.093	2083	2086	2091	rVB3	157781	206349	4.87%	0.312%
78	15.217	2103	2107	2112	rBV4	226861	344124	8.12%	0.521%
79	15.540	2160	2162	2166	rVB	171798	194107	4.58%	0.294%
80	15.681	2182	2186	2191	rVB	694789	1024367	24.19%	1.550%
81	15.951	2227	2232	2237	rVB	564025	822459	19.42%	1.244%
82	16.433	2306	2314	2324	rVB	1229377	2247420	53.06%	3.400%
83	17.250	2449	2453	2460	rBV	758100	1169317	27.61%	1.769%
84	17.438	2480	2485	2489	rBV2	1486738	2197613	51.89%	3.324%
85	17.532	2498	2501	2505	rBV	503166	694389	16.39%	1.050%
86	18.025	2581	2585	2594	rBV3	518797	1155822	27.29%	1.748%
87	18.507	2662	2667	2672	rVB	3067439	4021019	94.94%	6.083%
88	18.566	2673	2677	2681	rVV	2243127	2850987	67.31%	4.313%
89	18.613	2681	2685	2689	rBV2	894297	1211047	28.59%	1.832%
90	18.783	2711	2714	2719	rVB	945538	1271537	30.02%	1.923%
91	19.318	2801	2805	2808	rBV	1927714	3070056	72.48%	4.644%
92	19.353	2808	2811	2819	rVB4	2564349	3929350	92.77%	5.944%
93	19.547	2840	2844	2848	rVB2	2651218	3403919	80.37%	5.149%
94	19.623	2853	2857	2864	rVV	2989142	4235512	100.00%	6.407%
95	19.688	2865	2868	2874	rVB	1978347	2455680	57.98%	3.715%
96	20.070	2929	2933	2937	rVB	3111428	4114247	97.14%	6.224%
97	20.381	2983	2986	2989	rVB	1859893	2206068	52.09%	3.337%
98	20.610	3022	3025	3029	rVB2	1613433	1993100	47.06%	3.015%
99	21.086	3103	3106	3110	rVB	1612954	1957437	46.21%	2.961%
100	21.609	3192	3195	3206	rVB	2168391	3321186	78.41%	5.024%

Sum of corrected areas: 66107214

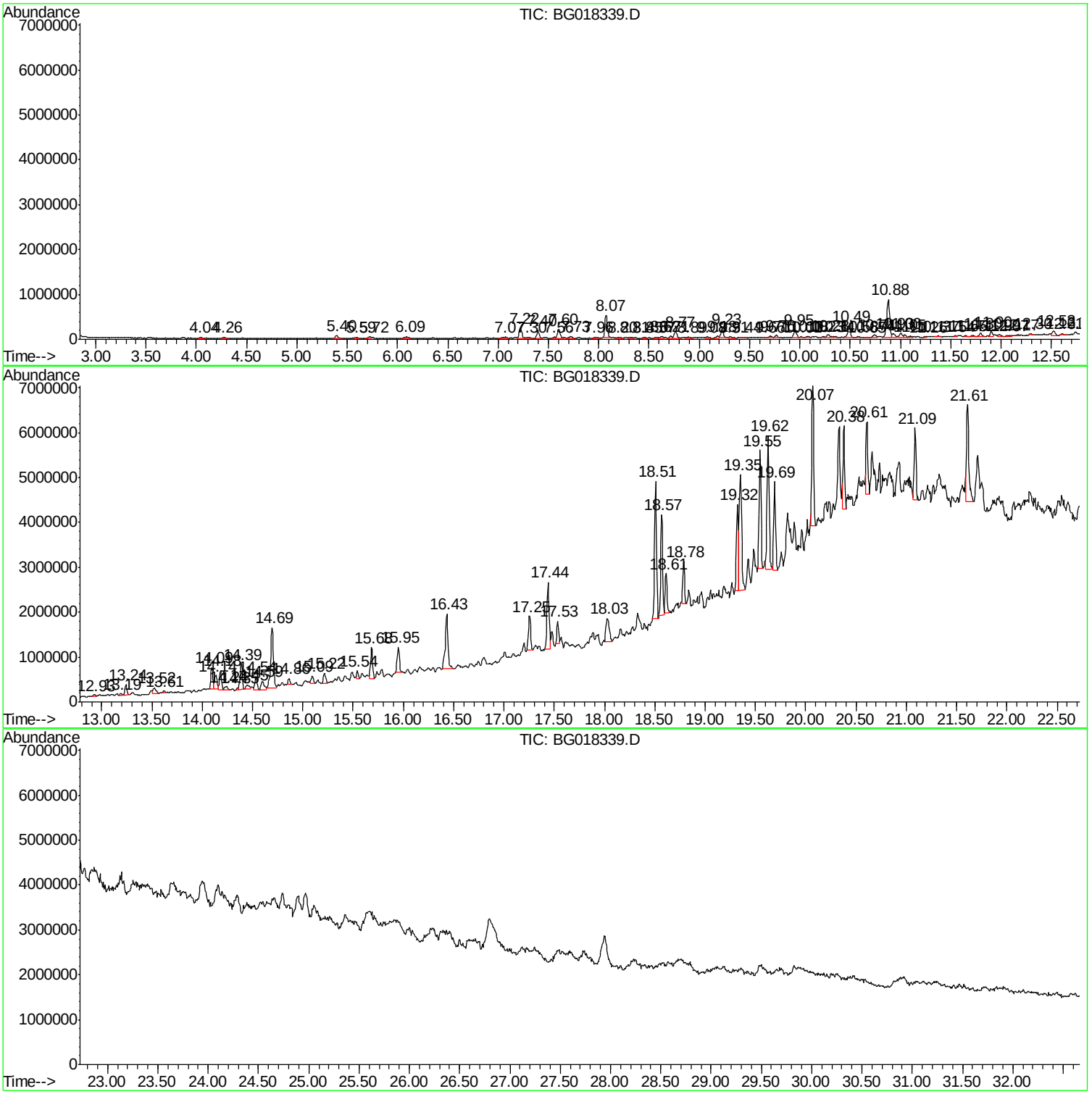
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080915\
Data File : BG018339.D
Acq On : 9 Aug 2015 21:40
Operator : UM/TP
Sample : G3136-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01T4

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



Data Path : Z:\HPCHEM1\BNA G\DATA\BG080915\
Data File : BG018339.D
Acq On : 9 Aug 2015 21:40
Operator : UM/TP
Sample : G3136-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01T4

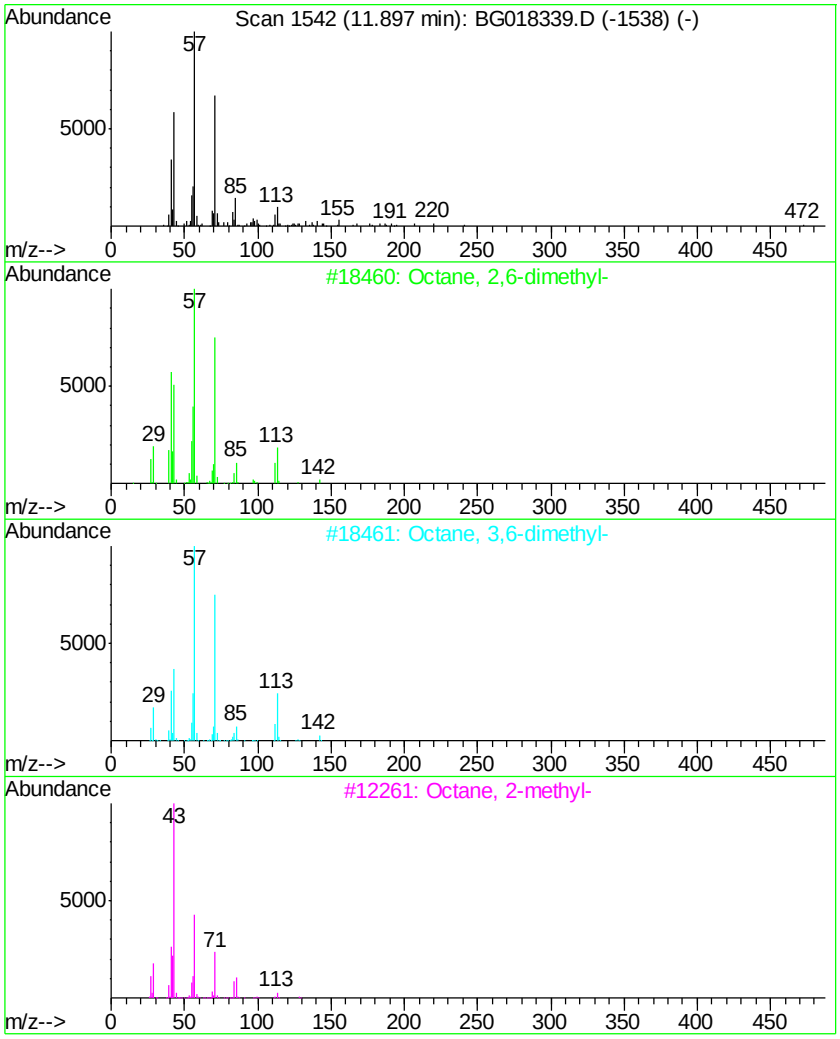
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

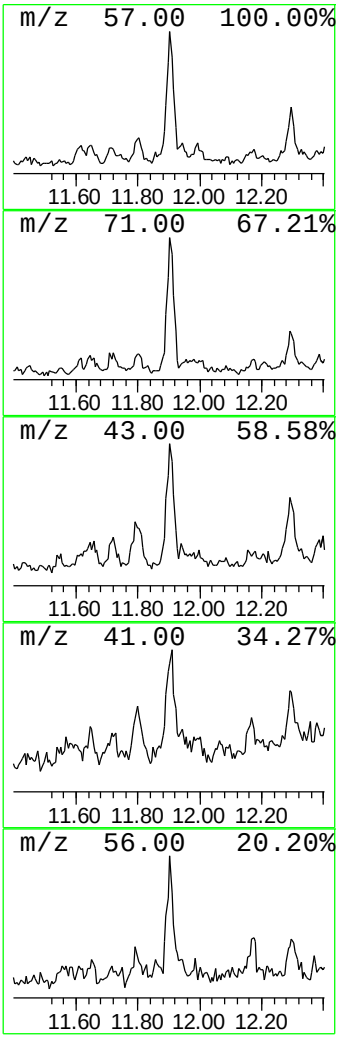
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	2.06 ng/ul	166383	Naphthalene-d8	10.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	80
2	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	72
3	Octane, 2-methyl-	128	C9H20	003221-61-2	64
4	Heptane, 3-(bromomethyl)-	192	C8H17Br	018908-66-2	64
5	Hexadecane	226	C16H34	000544-76-3	59





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080915\
Data File : BG018339.D
Acq On : 9 Aug 2015 21:40
Operator : UM/TP
Sample : G3136-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01T4

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

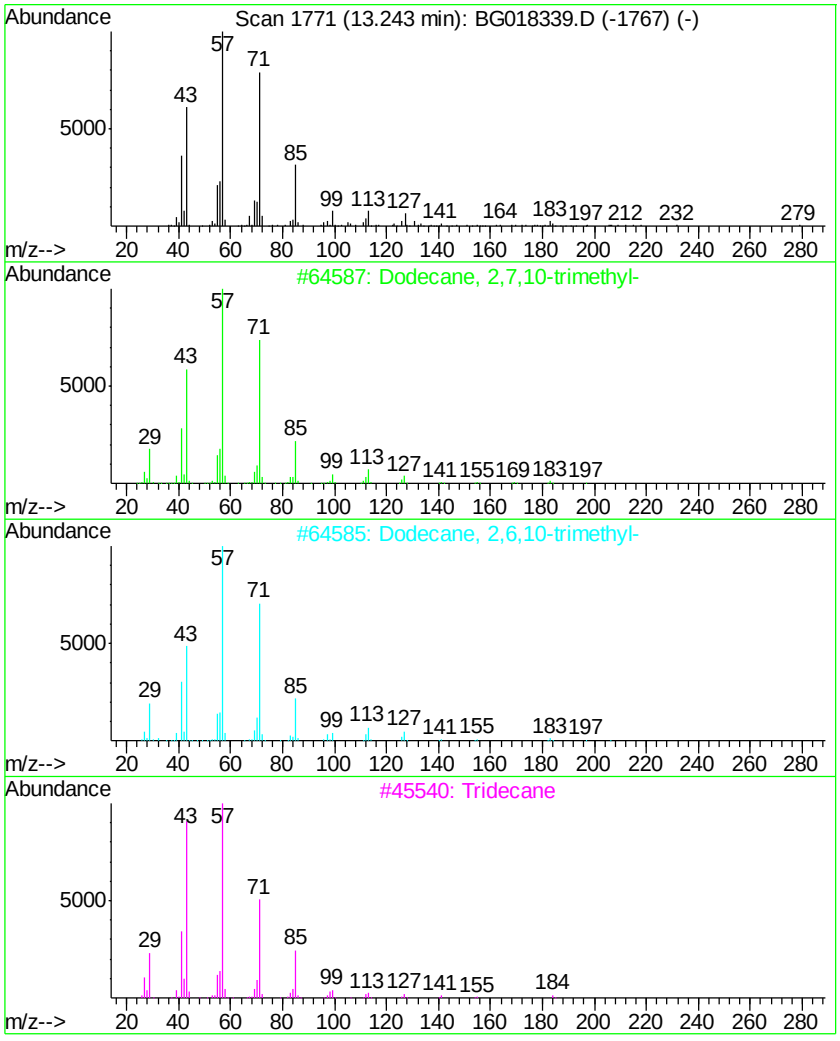
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

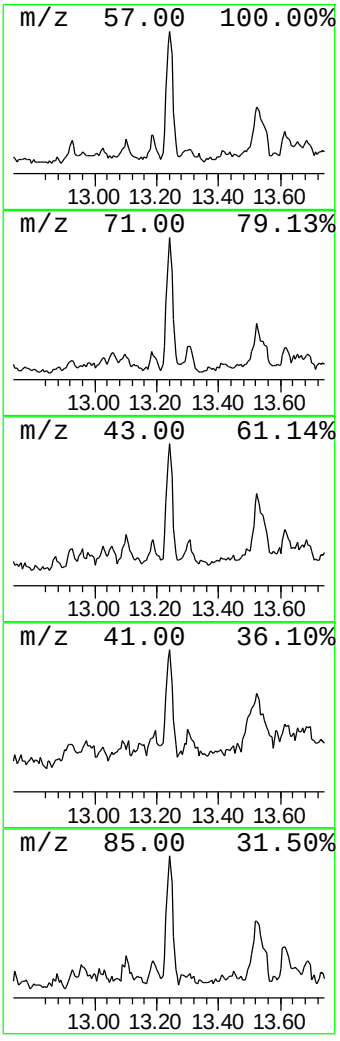
****

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.24	2.41 ng/ul	307901	Acenaphthene-d10	14.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	90
2	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	86
3	Tridecane	184	C13H28	000629-50-5	86
4	Undecane, 6-ethyl-	184	C13H28	017312-60-6	80
5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	78





Data Path : Z:\HPCHEM1\BNA G\DATA\BG080915\
Data File : BG018339.D
Acq On : 9 Aug 2015 21:40
Operator : UM/TP
Sample : G3136-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01T4

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

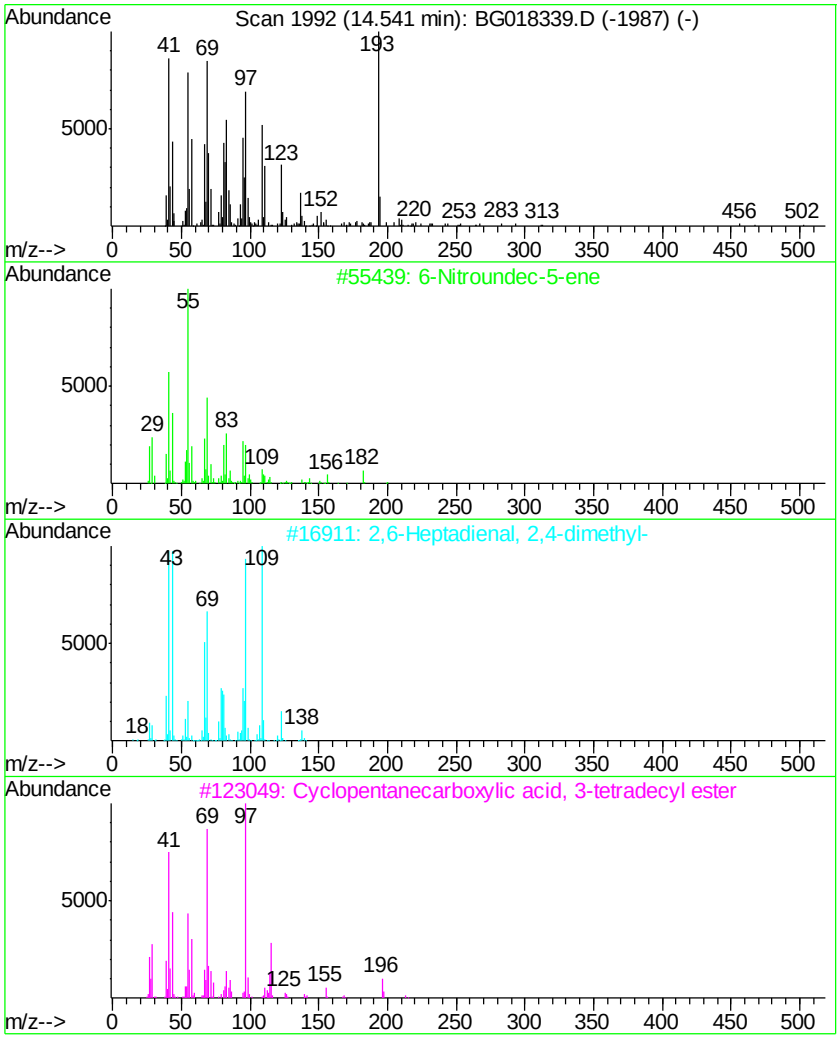
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

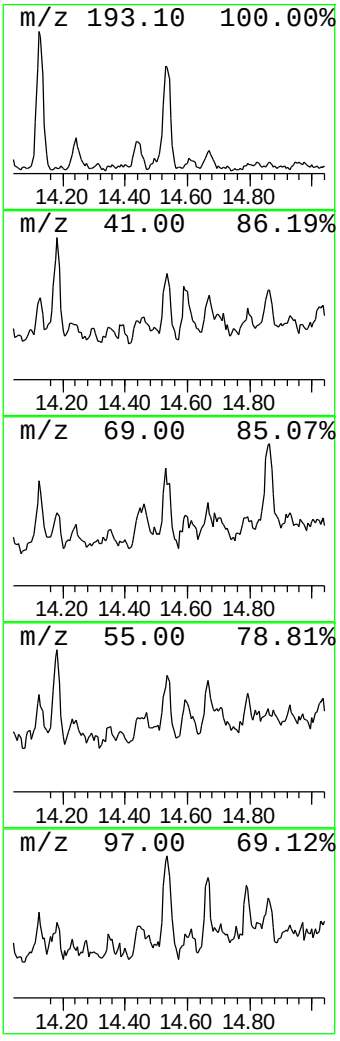
****

Peak Number 4 unknown-01 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.54	3.65 ng/ul	466491	Acenaphthene-d10	14.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Nitroundec-5-ene	199	C11H21NO2	1000192-40-3	30
2	2,6-Heptadienal, 2,4-dimethyl-	138	C9H14O	085136-08-9	30
3	Cyclopentanecarboxylic acid, 3-t...	310	C20H38O2	1000280-58-8	27
4	1-Heptadecanol	256	C17H36O	001454-85-9	25
5	Cyclopentadecane	210	C15H30	000295-48-7	25





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080915\
Data File : BG018339.D
Acq On : 9 Aug 2015 21:40
Operator : UM/TP
Sample : G3136-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01T4

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

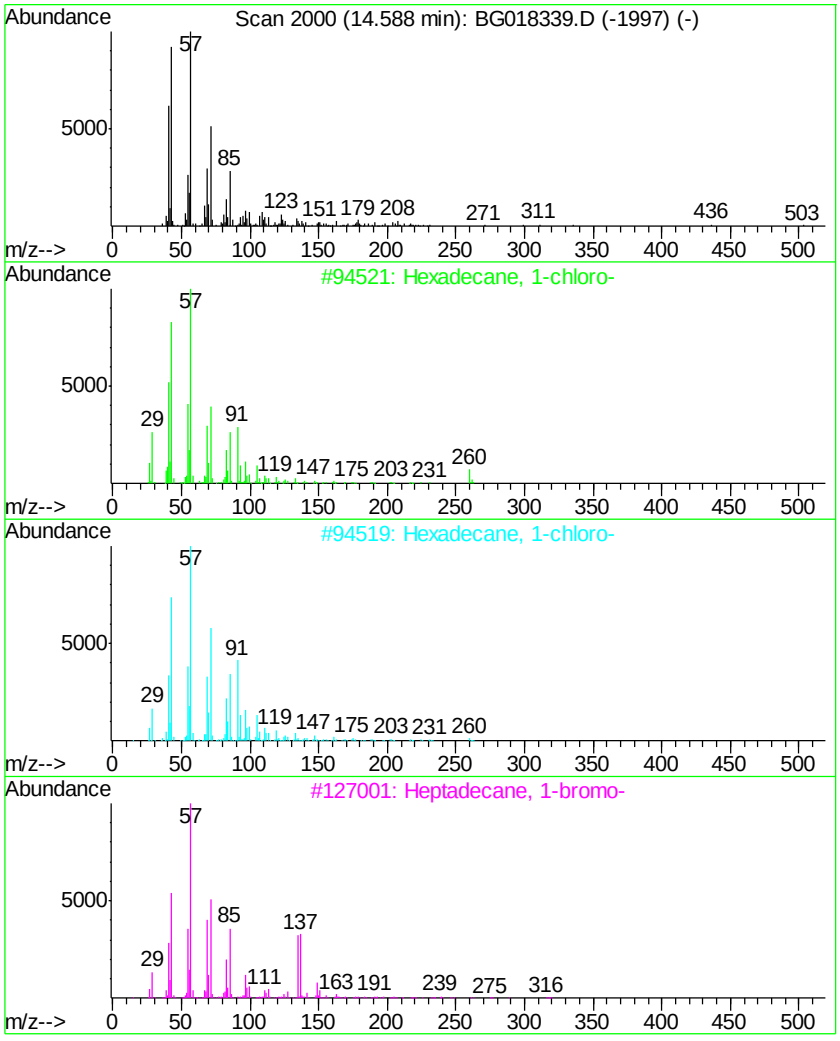
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

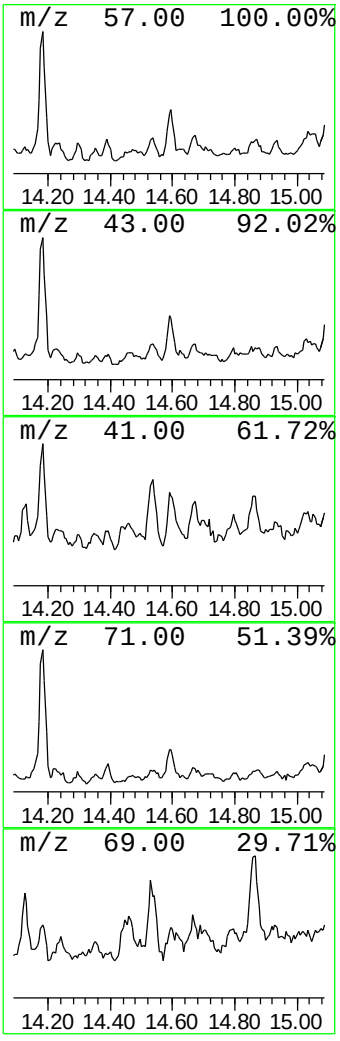
****

Peak Number 5 Hexadecane, 1-chloro- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.59	3.17 ng/ul	405248	Acenaphthene-d10	14.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 1-chloro-	260	C16H33Cl	004860-03-1	87
2	Hexadecane, 1-chloro-	260	C16H33Cl	004860-03-1	83
3	Heptadecane, 1-bromo-	318	C17H35Br	003508-00-7	72
4	Pentadecane	212	C15H32	000629-62-9	68
5	Dotriacontane	451	C32H66	000544-85-4	59





Data Path : Z:\HPCHEM1\BNA G\DATA\BG080915\
Data File : BG018339.D
Acq On : 9 Aug 2015 21:40
Operator : UM/TP
Sample : G3136-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01T4

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

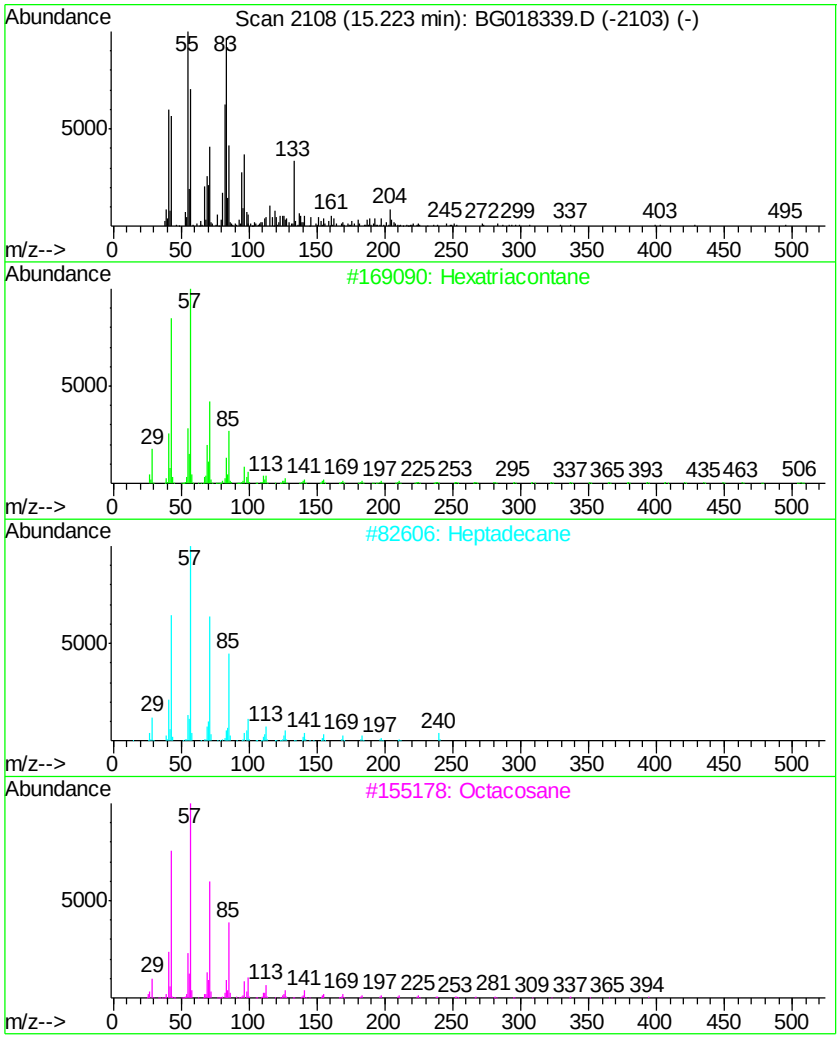
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

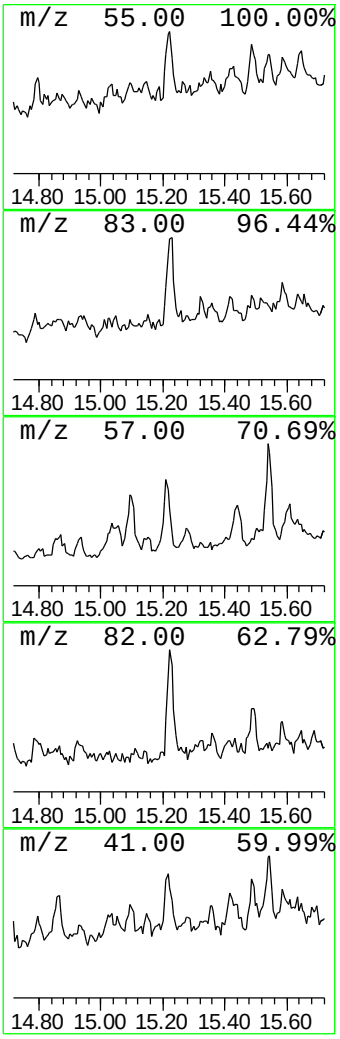
****

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.22	2.69 ng/ul	344124	Acenaphthene-d10	14.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexatriacontane	507	C36H74	000630-06-8	50
2	Heptadecane	240	C17H36	000629-78-7	46
3	Octacosane	394	C28H58	000630-02-4	46
4	Pentadecane	212	C15H32	000629-62-9	45
5	Pentadecane	212	C15H32	000629-62-9	45





Data Path : Z:\HPCHEM1\BNA G\DATA\BG080915\
Data File : BG018339.D
Acq On : 9 Aug 2015 21:40
Operator : UM/TP
Sample : G3136-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01T4

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

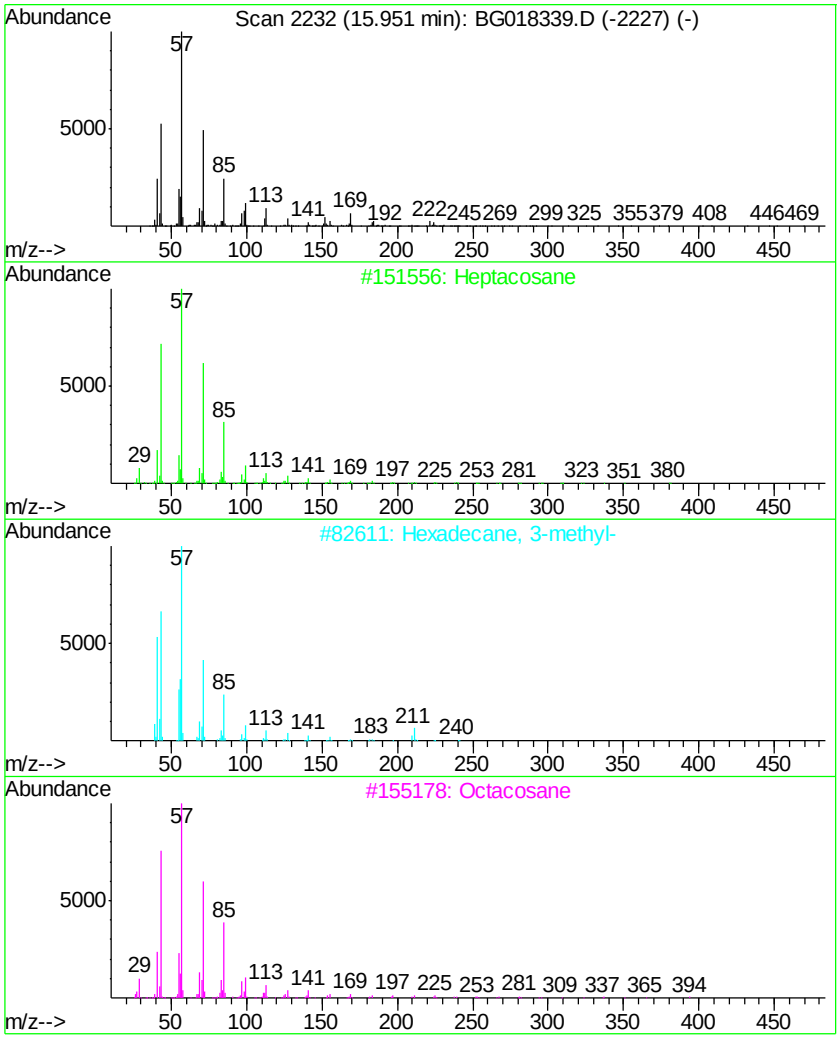
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

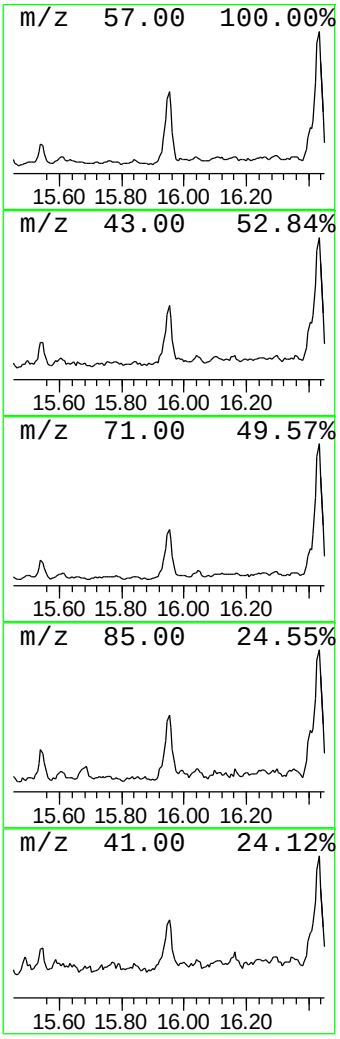
****

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.95	6.44 ng/ul	822459	Acenaphthene-d10	14.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	83
2	Hexadecane, 3-methyl-	240	C17H36	006418-43-5	80
3	Octacosane	394	C28H58	000630-02-4	64
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	64
5	Dodecane, 2-methyl-8-propyl-	226	C16H34	055045-07-3	64





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Acq On : 9 Aug 2015 21:40
Operator : UM/TP
Sample : G3136-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01T4

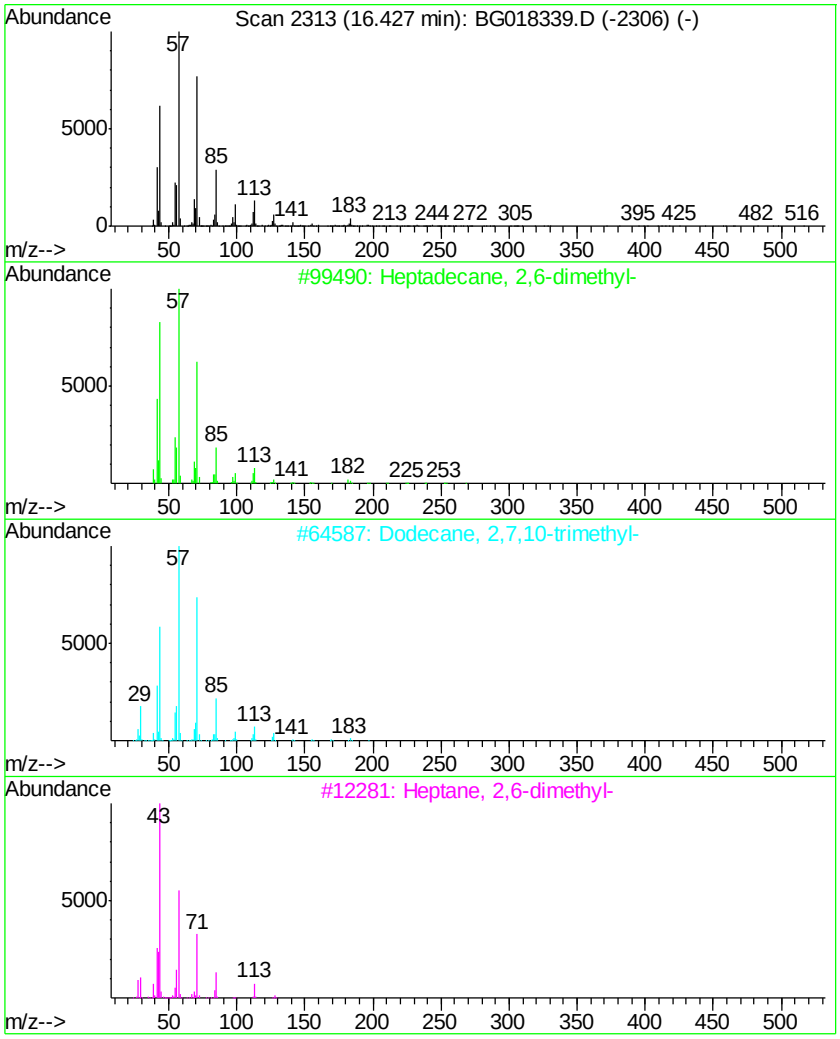
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

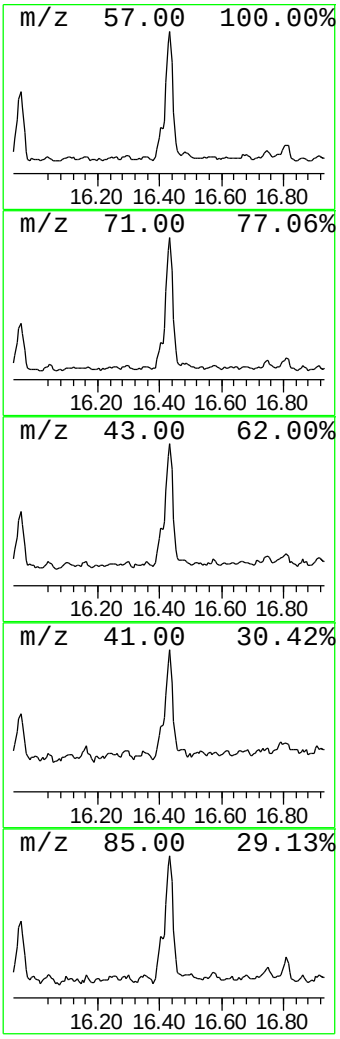
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.43	20.45 ng/ul	2247420	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	90
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	86
3	Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	83
4	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	83
5	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	78





Library Search Compound Report

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Instrument : BNA_G
ClientSampleId : C01T4

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Quant Title : SVOA CALIBRATION

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

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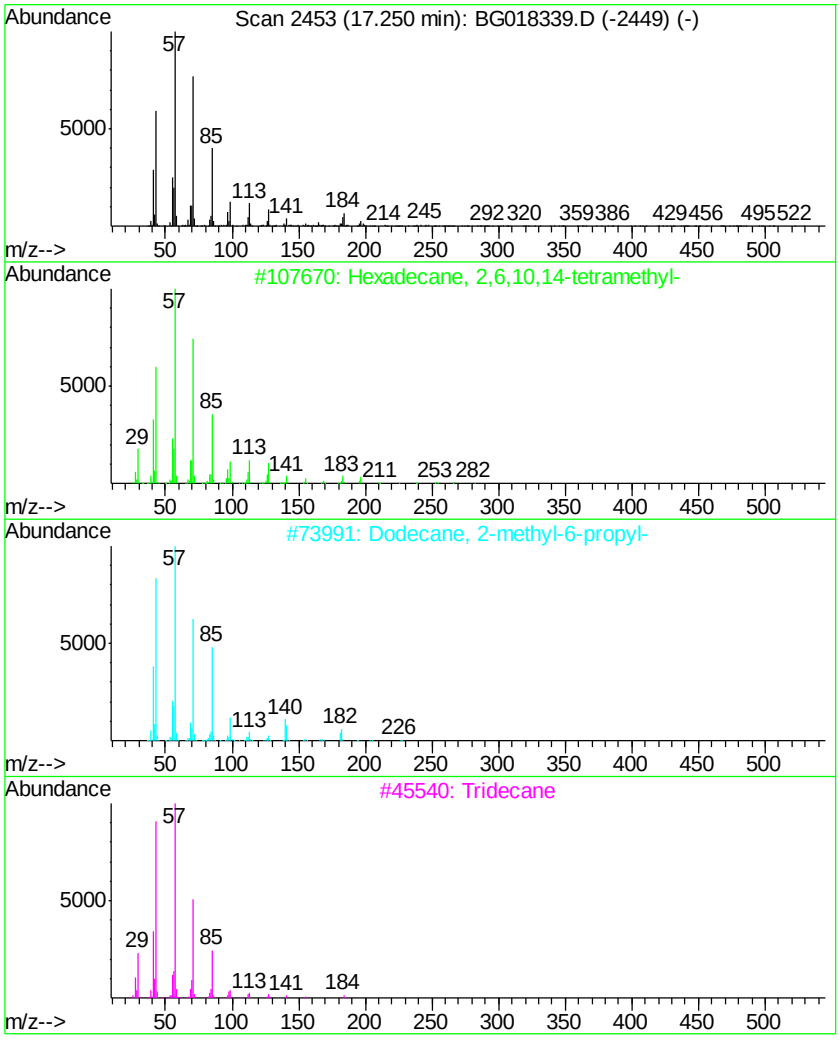
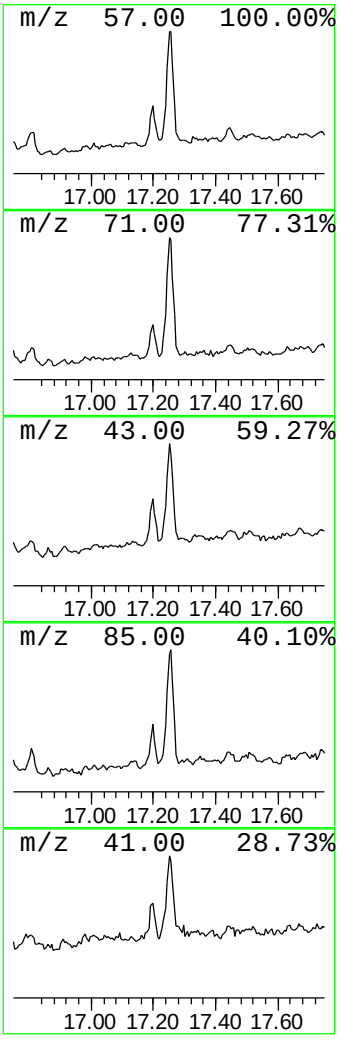
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.25	10.64 ng/ul	1169320	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	91
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	87
3	Tridecane	184	C13H28	000629-50-5	87
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
5	Tridecane	184	C13H28	000629-50-5	86





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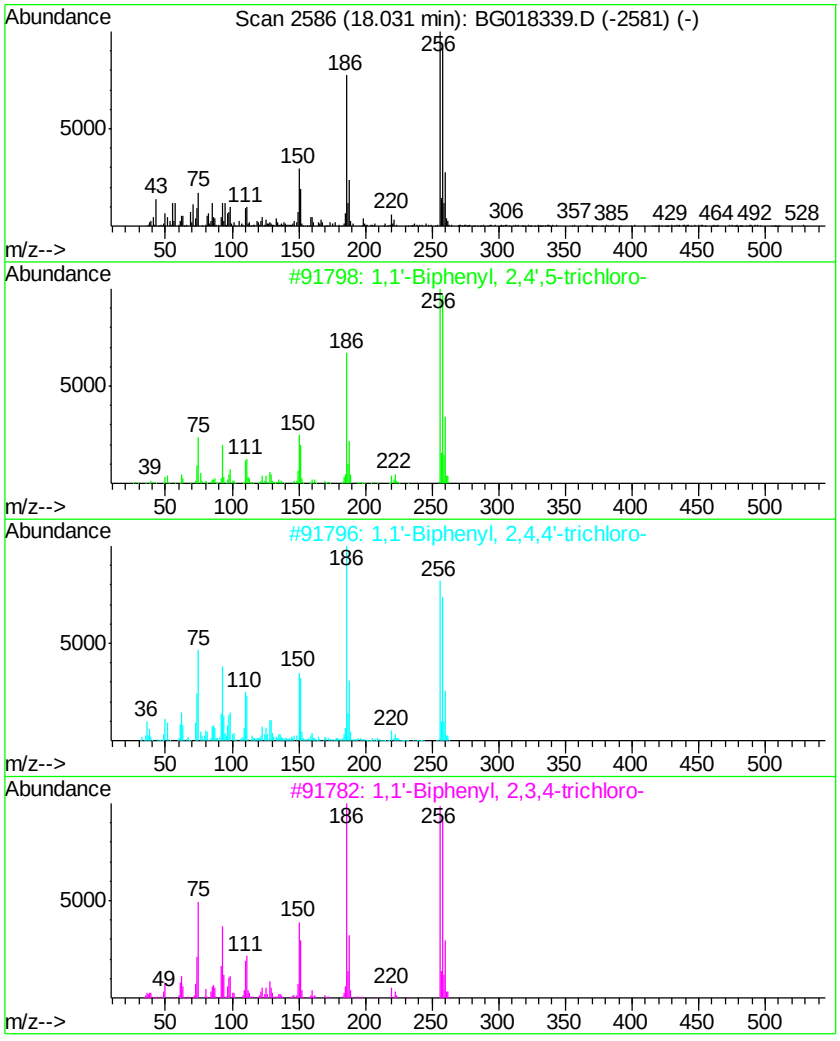
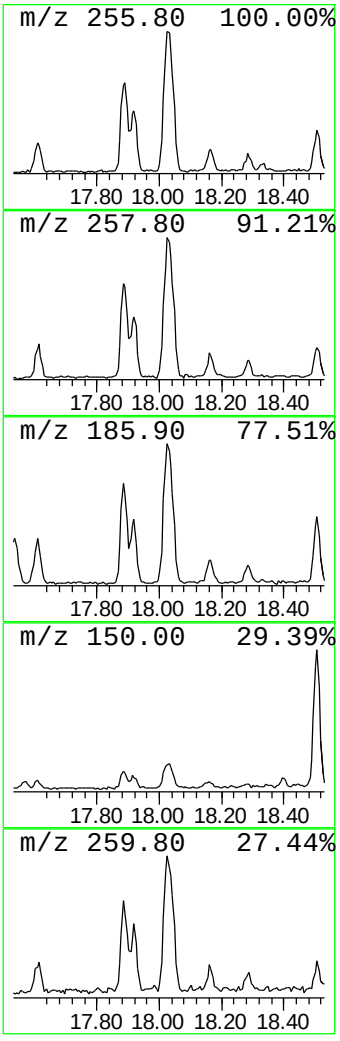
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 1,1'-Biphenyl, 2,4',5-trich... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.03	10.52 ng/ul	1155820	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	97
2	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	96
3	1,1'-Biphenyl, 2,3,4-trichloro-	256	C12H7Cl3	055702-46-0	96
4	1,1'-Biphenyl, 2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	96
5	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	96





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Instrument : BNA_G
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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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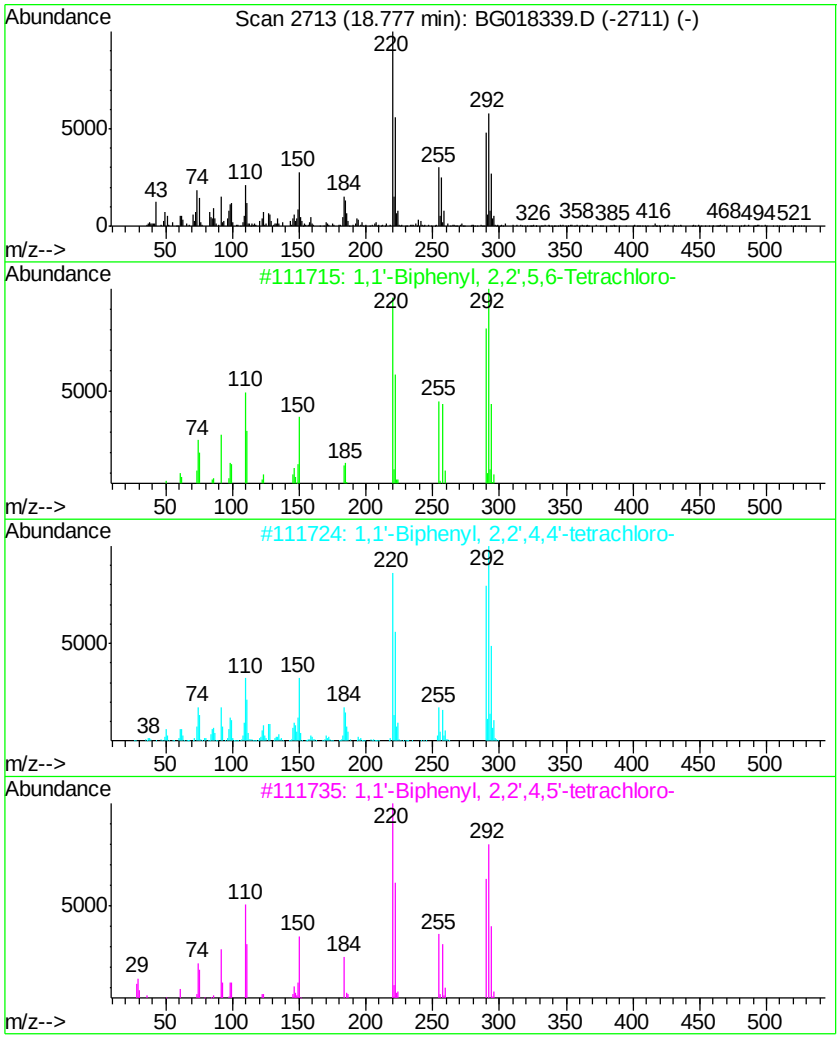
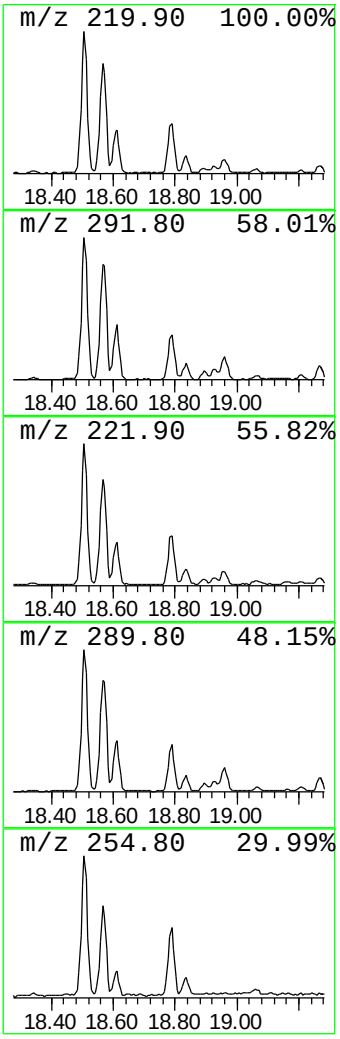
Peak Number 14 1,1'-Biphenyl, 2,2',5,6-Tet... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.78	11.57 ng/ul	1271540	Phenanthrene-d10	17.44

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',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
3	1,1'-Biphenyl, 2,2',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	98
4	1,1'-Biphenyl, 2,3,4',6-tetrachl...	290	C12H6Cl4	052663-58-8	97
5	1,1'-Biphenyl, 2,2',5,6-Tetrachl...	290	C12H6Cl4	041464-41-9	96





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Quant Title : SVOA CALIBRATION

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

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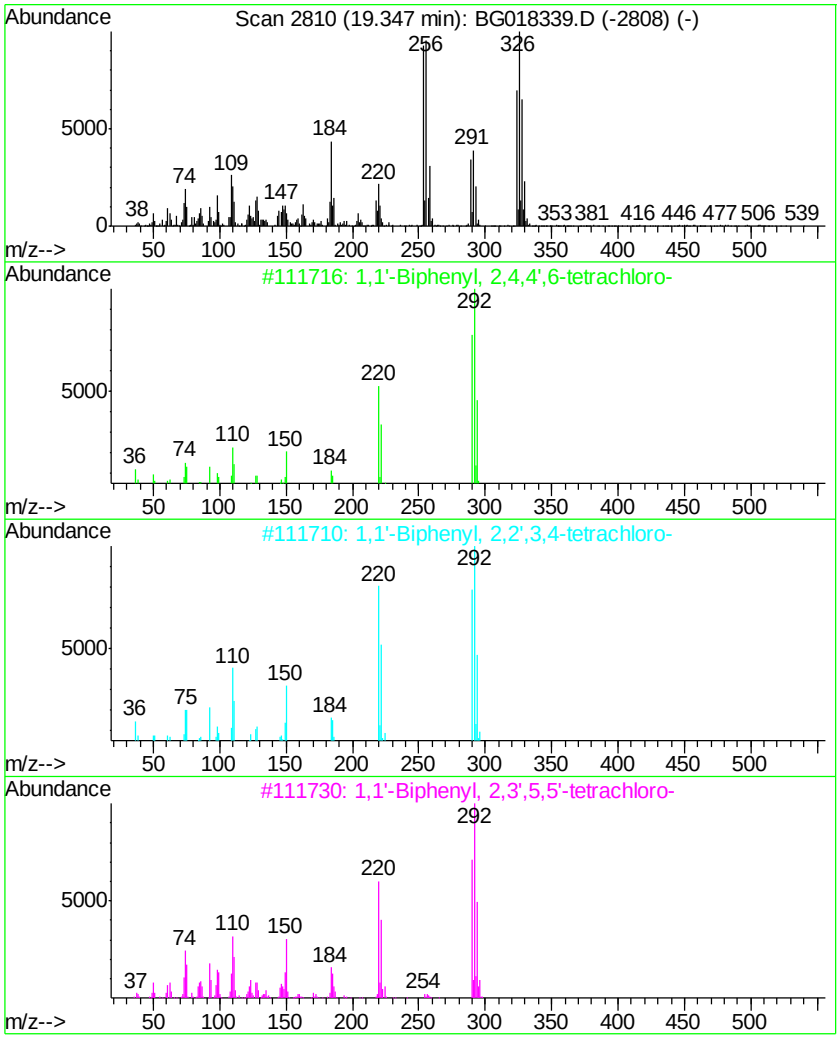
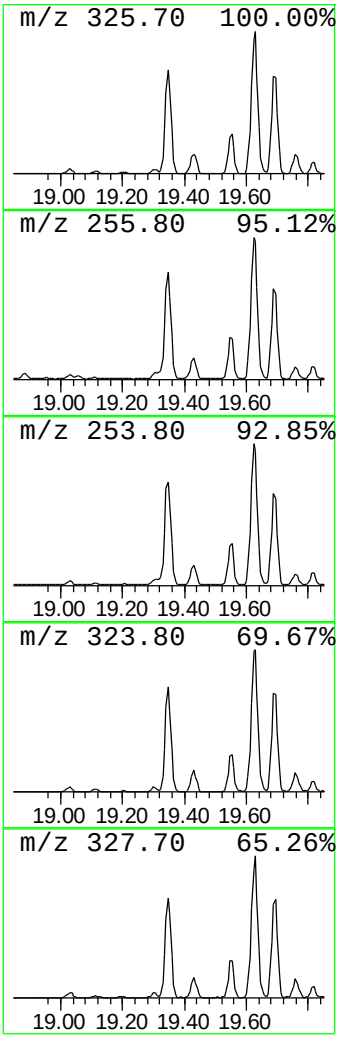
Peak Number 16 1,1'-Biphenyl, 2,4,4',6-tet... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.35	35.76 ng/ul	3929350	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,4,4',6-tetrachl...	290	C12H6Cl4	032598-12-2	95
2	1,1'-Biphenyl, 2,2',3,4-tetrachl...	290	C12H6Cl4	052663-59-9	95
3	1,1'-Biphenyl, 2,3',5,5'-tetrach...	290	C12H6Cl4	041464-42-0	95
4	1,1'-Biphenyl, 3,3',5,5'-tetrach...	290	C12H6Cl4	033284-52-5	95
5	1,1'-Biphenyl, 2,3',4,4'-tetrach...	290	C12H6Cl4	032598-10-0	95





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Instrument : BNA_G
ClientSampleId : C01T4

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Quant Title : SVOA CALIBRATION

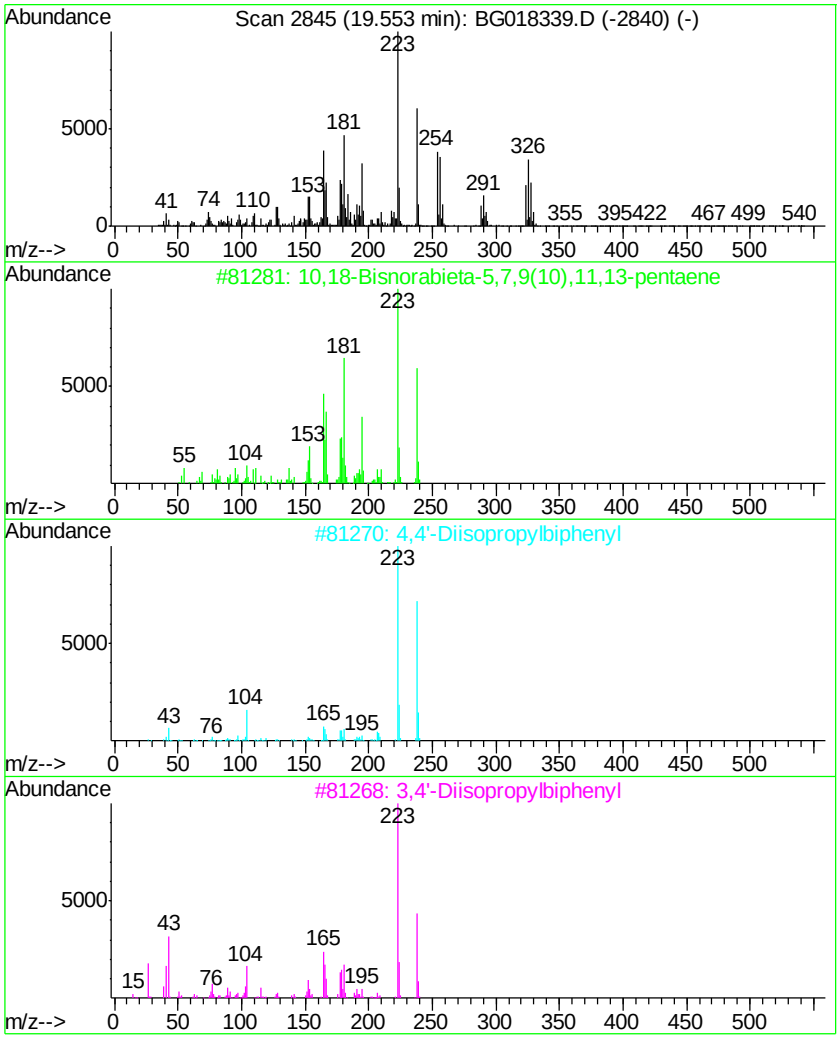
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

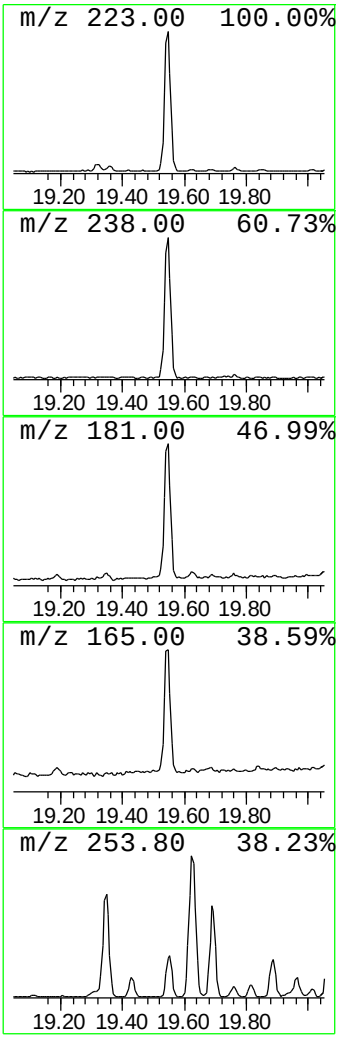
****

Peak Number 17 10,18-Bisnorabieta-5,7,9(10... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.55	30.98 ng/ul	3403920	Phenanthrene-d10	17.44

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	4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	50
3	3,4'-Diisopropylbiphenyl	238	C18H22	061434-46-6	46
4	Anthracene, 1,4-dimethoxy-	238	C16H14O2	013076-29-4	45
5	Ethane, 1-(2,3-xylyl)-1-(3,4-xyl...	238	C18H22	002816-98-0	45





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Instrument : BNA_G
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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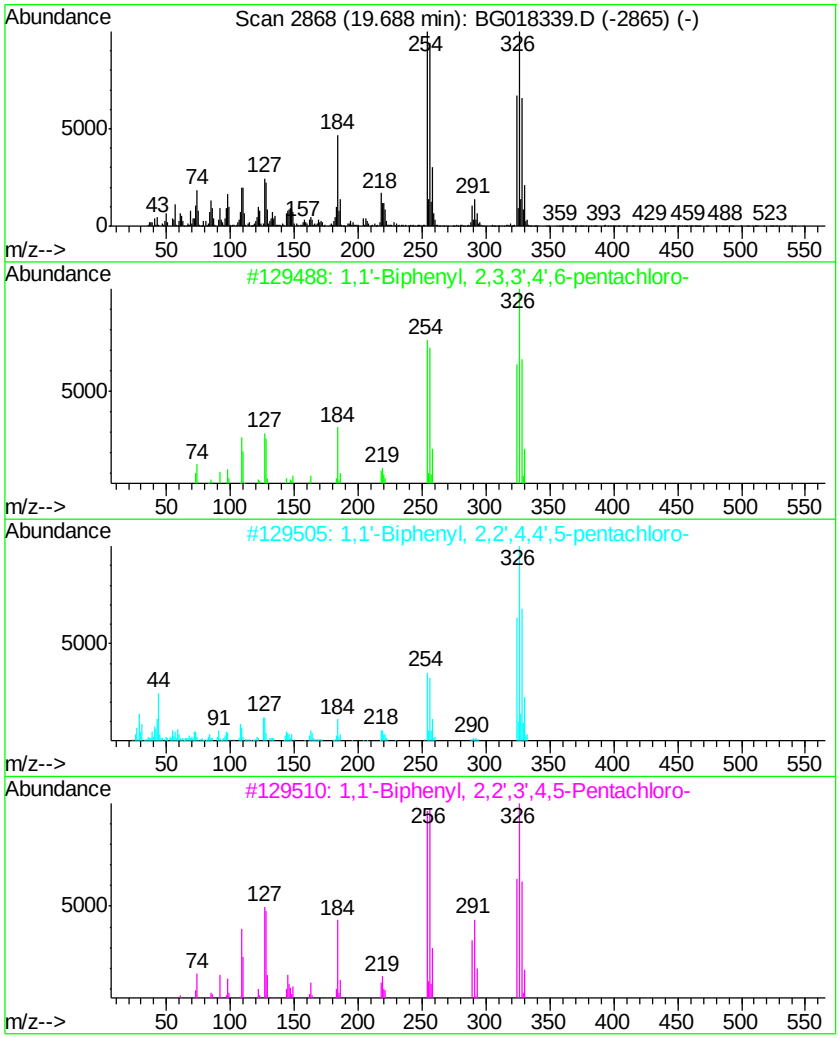
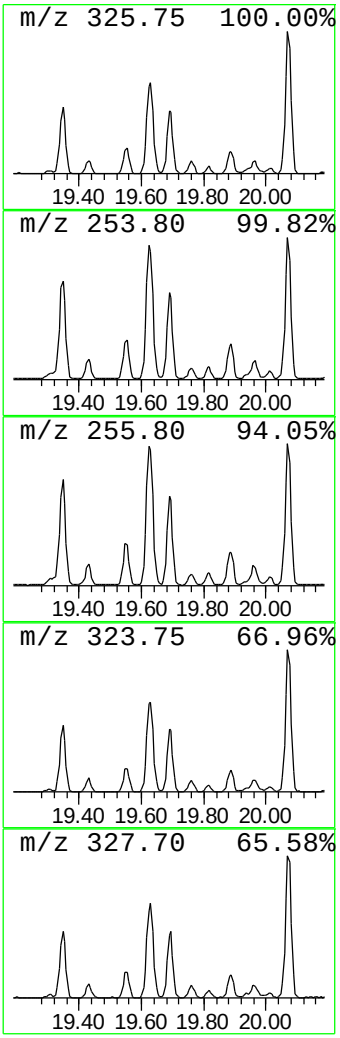
Peak Number 19 1,1'-Biphenyl, 2,3,3',4',6-... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.69	14.79 ng/ul	2455680	Chrysene-d12	21.71

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	96
4	1,1'-Biphenyl, 2,3,4',5,6-Pentac...	324	C12H5Cl5	068194-11-6	96
5	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	96





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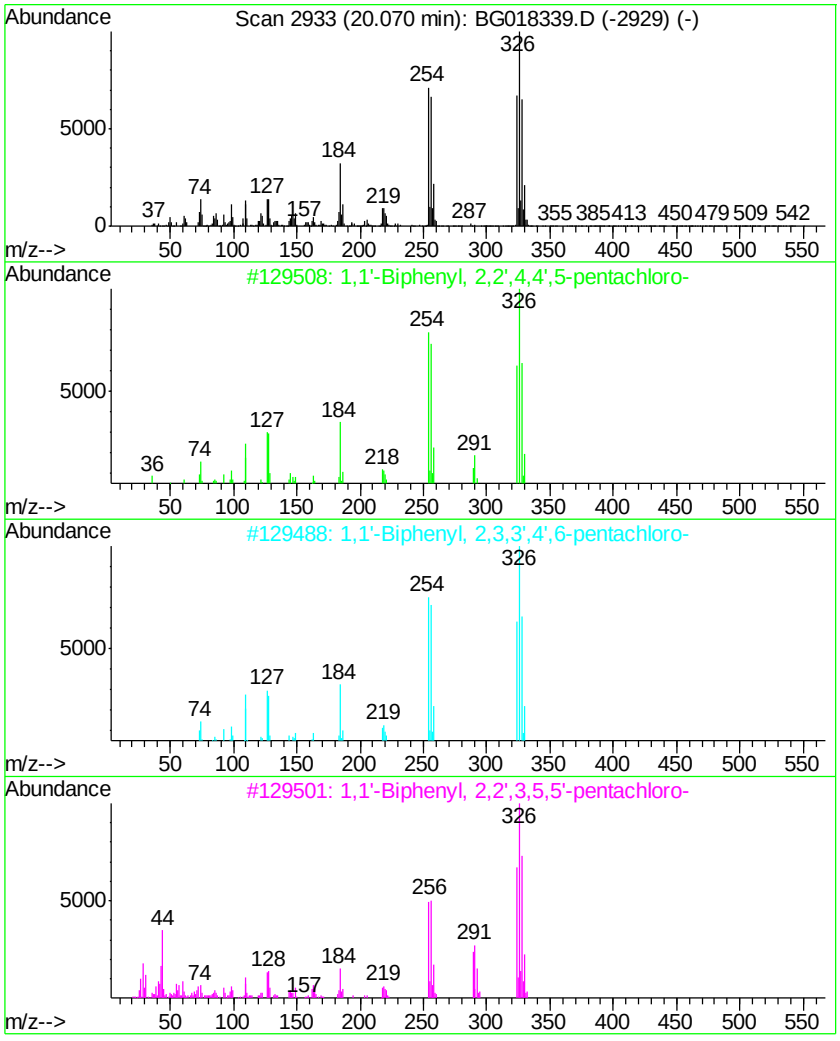
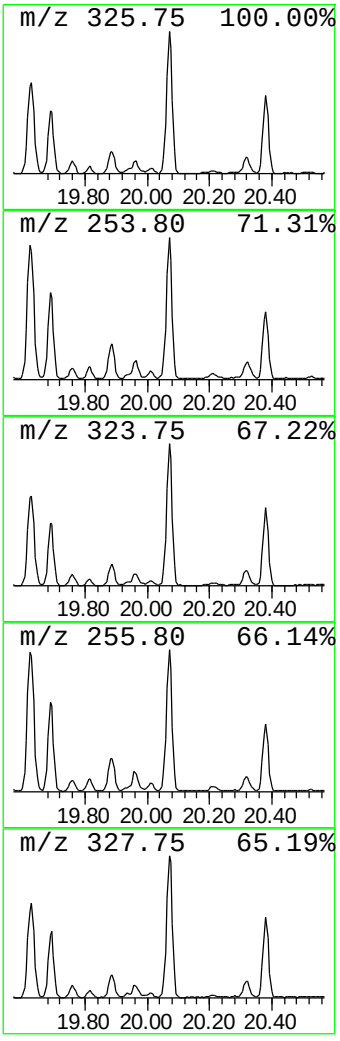
Peak Number 20 1,1'-Biphenyl, 2,2',4,4',5-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.07	24.78 ng/ul	4114250	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',3,5,5'-penta...	324	C12H5Cl5	052663-61-3	98
4	1,1'-Biphenyl, 2,2',4,4',6-Penta...	324	C12H5Cl5	039485-83-1	97
5	1,1'-Biphenyl, 2,2',3',4,5-Penta...	324	C12H5Cl5	041464-51-1	97





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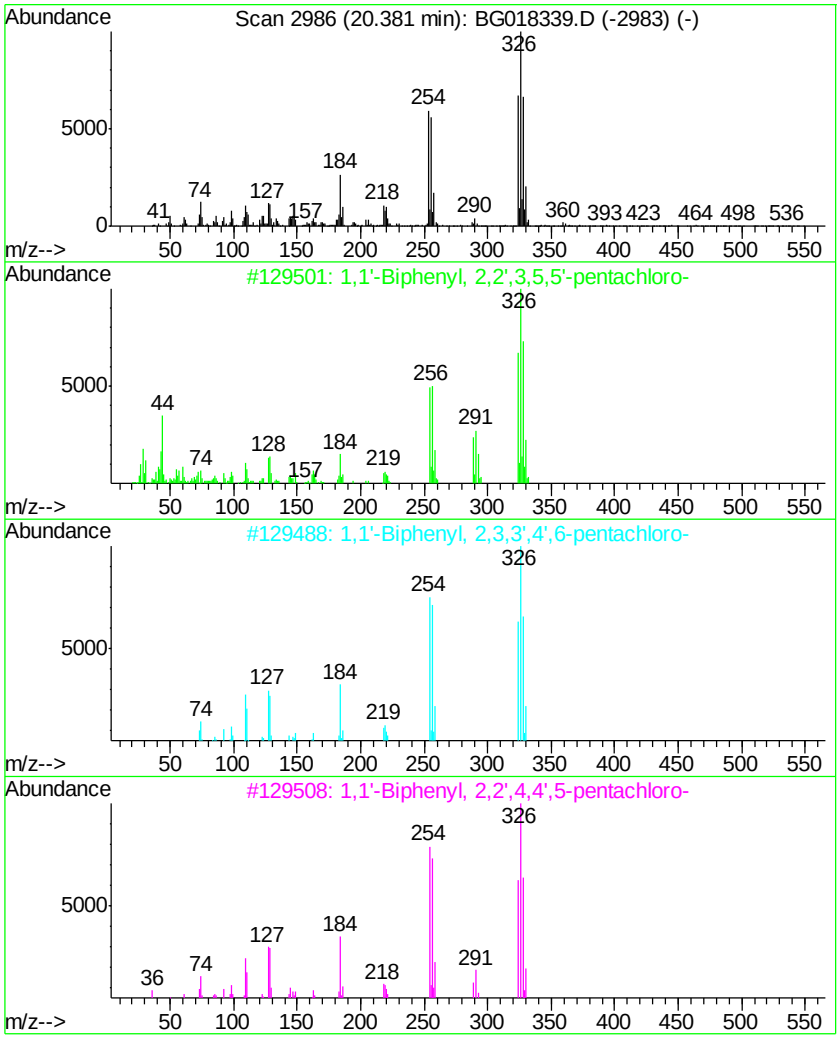
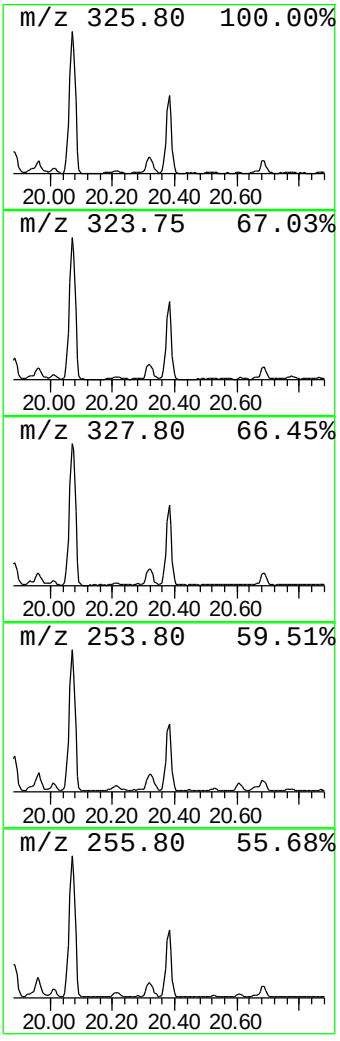
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 1,1'-Biphenyl, 2,2',3,5,5'-... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.38	13.28 ng/ul	2206070	Chrysene-d12	21.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,5,5'-penta...	324	C12H5Cl5	052663-61-3	99
2	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
3	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	99
4	1,1'-Biphenyl, 2,2',4,4',6-Penta...	324	C12H5Cl5	039485-83-1	98
5	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	96





Library Search Compound Report

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

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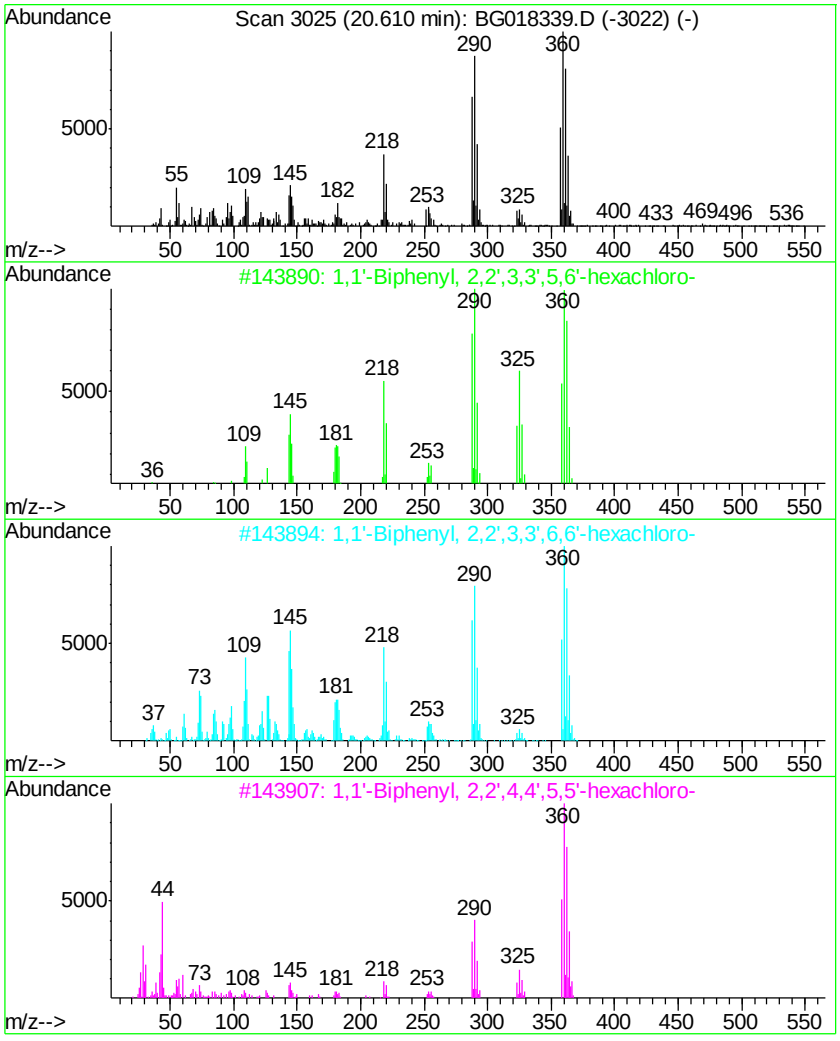
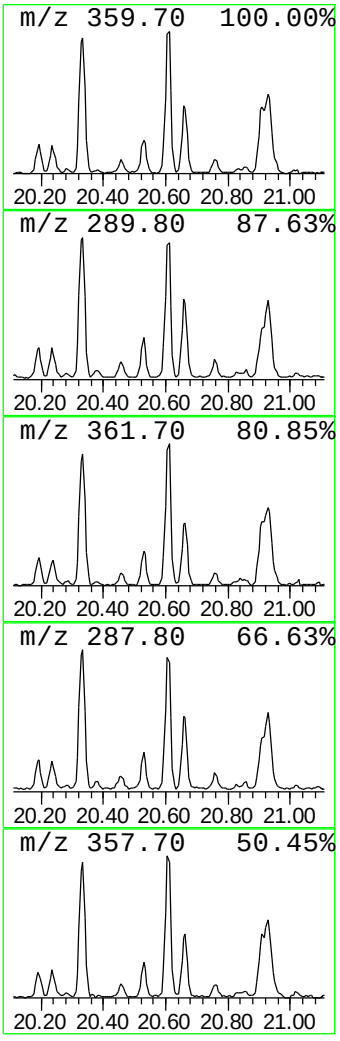
Peak Number 22 1,1'-Biphenyl, 2,2',3,3',5,... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.61	12.00 ng/ul	1993100	Chrysene-d12	21.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',5,6'-he...	358	C12H4Cl6	052744-13-5	96
2	1,1'-Biphenyl, 2,2',3,3',6,6'-he...	358	C12H4Cl6	038411-22-2	96
3	1,1'-Biphenyl, 2,2',4,4',5,5'-he...	358	C12H4Cl6	035065-27-1	95
4	1,1'-Biphenyl, 2,2',3,4,4',5'-he...	358	C12H4Cl6	035065-28-2	95
5	1,1'-Biphenyl, 2,3',4,4',5,5'-he...	358	C12H4Cl6	052663-72-6	94





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Quant Title : SVOA CALIBRATION

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

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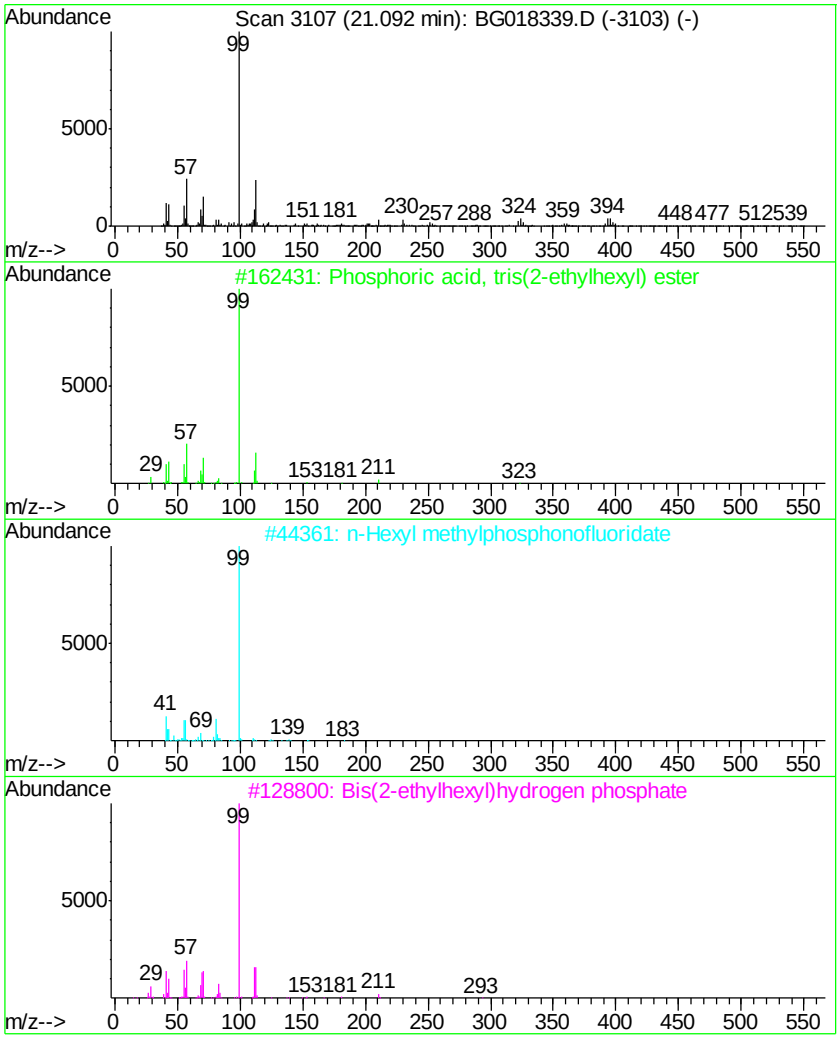
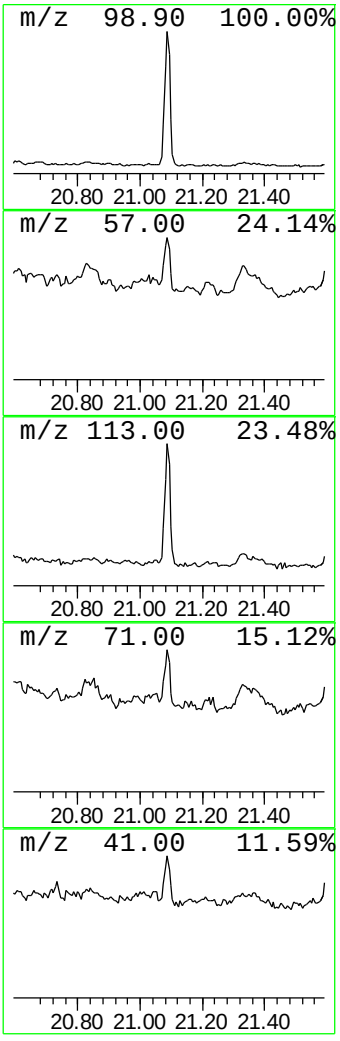
Peak Number 23 Phosphoric acid, tris(2-eth... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.09	11.79 ng/ul	1957440	Chrysene-d12	21.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phosphoric acid, tris(2-ethylhex...	434	C24H51O4P	000078-42-2	64
2	n-Hexyl methylphosphonofluoridate	182	C7H16FO2P	113548-89-3	47
3	Bis(2-ethylhexyl)hydrogen phosphate	322	C16H35O4P	000298-07-7	45
4	1,4-Dioxaspiro[4.5]decane-7-carb...	170	C9H14O3	065005-14-3	38
5	Phosphoric acid, trioctyl ester	434	C24H51O4P	001806-54-8	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080915\
Data File : BG018339.D
Acq On : 9 Aug 2015 21:40
Operator : UM/TP
Sample : G3136-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01T4

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
(DEL) Alkane: Str...	11.90	2.1	ng/ul	166383	2	10.88	1616920	20.0
(DEL) Alkane: Str...	13.24	2.4	ng/ul	307901	3	14.69	2554360	20.0
unknown-01	14.54	3.6	ng/ul	466491	3	14.69	2554360	20.0
Hexadecane, 1-chl...	14.59	3.2	ng/ul	405248	3	14.69	2554360	20.0
(DEL) Alkane: Str...	15.22	2.7	ng/ul	344124	3	14.69	2554360	20.0
(DEL) Alkane: Str...	15.95	6.4	ng/ul	822459	3	14.69	2554360	20.0
(DEL) Alkane: Str...	16.43	20.4	ng/ul	2247420	4	17.44	2197610	20.0
(DEL) Alkane: Str...	17.25	10.6	ng/ul	1169320	4	17.44	2197610	20.0
1,1'-Biphenyl, 2,...	18.03	10.5	ng/ul	1155820	4	17.44	2197610	20.0
1,1'-Biphenyl, 2,...	18.78	11.6	ng/ul	1271540	4	17.44	2197610	20.0
1,1'-Biphenyl, 2,...	19.35	35.8	ng/ul	3929350	4	17.44	2197610	20.0
10,18-Bisnorabiet...	19.55	31.0	ng/ul	3403920	4	17.44	2197610	20.0
1,1'-Biphenyl, 2,...	19.69	14.8	ng/ul	2455680	5	21.71	3321190	20.0
1,1'-Biphenyl, 2,...	20.07	24.8	ng/ul	4114250	5	21.71	3321190	20.0
1,1'-Biphenyl, 2,...	20.38	13.3	ng/ul	2206070	5	21.71	3321190	20.0
1,1'-Biphenyl, 2,...	20.61	12.0	ng/ul	1993100	5	21.71	3321190	20.0
Phosphoric acid, ...	21.09	11.8	ng/ul	1957440	5	21.71	3321190	20.0