LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080915\
Data File : BG018342.D
Acq On : 9 Aug 2015 23:34
Operator : UM/TP
Sample : G3136-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02F6

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	5.394	428	435	446	rBV	1974568	3395314	16.99%	1.219%
2	5.588	463	468	477	rVB	265051	417013	2.09%	0.150%
3	5.723	484	491	502	rBV	539850	1095834	5.48%	0.393%
4	6.093	546	554	562	rVB	173290	307363	1.54%	0.110%
5	7.069	710	720	726	rBV2	129245	304540	1.52%	0.109%
6	7.169	731	737	742	rVV	240708	385435	1.93%	0.138%
7	7.227	742	747	754	rVV	349980	591349	2.96%	0.212%
8	7.304	754	760	767	rVB	157352	267737	1.34%	0.096%
9	7.398	767	776	783	rBV	175277	311866	1.56%	0.112%
10	7.603	806	811	822	rVB	202921	381185	1.91%	0.137%
11	7.727	822	832	840	rVB2	405866	781937	3.91%	0.281%
12	7.968	865	873	880	rBV	1037217	1787444	8.95%	0.642%
13	8.079	884	892	893	rBV2	566647	945970	4.73%	0.340%
14	8.114	893	898	907	rVB	2372187	4141519	20.73%	1.487%
15	8.767	1005	1009	1015	rVB2	242988	429161	2.15%	0.154%
16	9.184	1071	1080	1084	rBV2	123775	245411	1.23%	0.088%
17	9.231	1084	1088	1094	rVV	198014	337508	1.69%	0.121%
18	9.307	1094	1101	1107	rVV	216765	368917	1.85%	0.132%
19	9.953	1205	1211	1217	rBV3	189746	379631	1.90%	0.136%
20	10.077	1228	1232	1237	rVB4	132296	235690	1.18%	0.085%
21	10.300	1262	1270	1275	rVV7	152755	457095	2.29%	0.164%
22	10.347	1275	1278	1284	rVV2	158427	246996	1.24%	0.089%
23	10.494	1294	1303	1312	rVB2	291425	623956	3.12%	0.224%
24	10.741	1335	1345	1359	rVV	457818	960182	4.81%	0.345%
25	10.882	1359	1369	1374	rVV	845090	1827381	9.15%	0.656%
26	10.929	1374	1377	1385	rVV	414954	729172	3.65%	0.262%
27	11.904	1538	1543	1547	rBV2	132526	229278	1.15%	0.082%
28	12.527	1640	1649	1655	rVB	563967	1067655	5.34%	0.383%
29	12.744	1681	1686	1694	rVB	363640	611664	3.06%	0.220%
30	13.238	1766	1770	1774	rVB	191292	252411	1.26%	0.091%
31	13.291	1774	1779	1787	rVB5	117510	238157	1.19%	0.086%
32	13.526	1815	1819	1827	rVB2	369497	615150	3.08%	0.221%
33	13.861	1871	1876	1883	rBV3	163378	406902	2.04%	0.146%
34	14.013	1897	1902	1907	rBV2	239078	438919	2.20%	0.158%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080915\
Data File : BG018342.D
Acq On : 9 Aug 2015 23:34
Operator : UM/TP
Sample : G3136-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02F6

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	14.096	1908	1916	1919	rBV2	419705	757125	3.79%	0.272%
36	14.178	1927	1930	1934	rVB	305668	390861	1.96%	0.140%
37	14.348	1955	1959	1962	rBV3	180641	246529	1.23%	0.089%
38	14.389	1962	1966	1969	rVV	503218	733634	3.67%	0.263%
39	14.436	1969	1974	1981	rVB	1353652	2042711	10.22%	0.733%
40	14.530	1986	1990	1996	rVB	265148	425303	2.13%	0.153%
41	14.595	1996	2001	2008	rBV4	297112	577903	2.89%	0.207%
42	14.695	2009	2018	2025	rBV2	1253980	2621119	13.12%	0.941%
43	14.760	2025	2029	2037	rVB	954829	1436725	7.19%	0.516%
44	15.089	2080	2085	2091	rVB	680095	1097387	5.49%	0.394%
45	15.218	2103	2107	2115	rVB5	171872	306671	1.53%	0.110%
46	15.359	2128	2131	2135	rVB3	159038	230952	1.16%	0.083%
47	15.488	2149	2153	2159	rBV5	195237	364792	1.83%	0.131%
48	15.541	2159	2162	2165	rVB	195922	222700	1.11%	0.080%
49	15.682	2182	2186	2191	rVB	588624	848294	4.25%	0.305%
50	15.741	2191	2196	2201	rBV2	728861	1158614	5.80%	0.416%
51	15.946	2226	2231	2236	rVB2	1376581	2029355	10.16%	0.729%
52	16.428	2310	2313	2319	rVB	794359	1149543	5.75%	0.413%
53	16.552	2329	2334	2339	rVB	1079091	1453463	7.27%	0.522%
54	16.669	2349	2354	2359	rVB	2152222	3064096	15.34%	1.100%
55	16.969	2401	2405	2409	rBV2	586828	886574	4.44%	0.318%
56	17.198	2441	2444	2448	rBV2	243508	296530	1.48%	0.106%
57	17.251	2449	2453	2457	rVV	683488	982338	4.92%	0.353%
58	17.321	2460	2465	2468	rVV2	3716102	5354465	26.80%	1.922%
59	17.357	2468	2471	2476	rVB	1833088	2310893	11.57%	0.830%
60	17.439	2478	2485	2488	rVV3	1355735	2831284	14.17%	1.016%
61	17.486	2488	2493	2498	rVV	2016856	3471842	17.38%	1.246%
62	17.539	2498	2502	2505	rVV2	581088	920470	4.61%	0.330%
63	17.574	2505	2508	2510	rVV	556012	742140	3.71%	0.266%
64	17.615	2510	2515	2522	rVB	2887837	4446420	22.25%	1.596%
65	17.897	2558	2563	2565	rBV	3380656	5026885	25.16%	1.805%
66	17.927	2565	2568	2576	rVB2	2654191	3809440	19.07%	1.368%
67	18.044	2581	2588	2594	rVB	4952266	10893829	54.52%	3.911%
68	18.162	2602	2608	2614	rBV2	4111487	7026243	35.17%	2.523%
69	18.238	2616	2621	2625	rBV	1737490	2409036	12.06%	0.865%
70	18.291	2626	2630	2634	rVV	1278100	1818982	9.10%	0.653%
71	18.338	2635	2638	2647	rVB3	761083	1460587	7.31%	0.524%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080915\
Data File : BG018342.D
Acq On : 9 Aug 2015 23:34
Operator : UM/TP
Sample : G3136-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02F6

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	18.455	2653	2658	2662	rBV2	1176806	1921552	9.62%	0.690%
73	18.520	2662	2669	2674	rVV	10749910	17118801	85.68%	6.146%
74	18.579	2674	2679	2683	rVV	10156657	15821284	79.19%	5.680%
75	18.626	2683	2687	2691	rVB	6908204	8959345	44.84%	3.217%
76	18.796	2711	2716	2720	rBV	4203027	6035851	30.21%	2.167%
77	18.843	2720	2724	2728	rVB	2495503	3155720	15.79%	1.133%
78	18.896	2729	2733	2735	rBV3	635711	899103	4.50%	0.323%
79	18.931	2735	2739	2743	rBV	2604647	3520197	17.62%	1.264%
80	19.031	2753	2756	2758	rBV2	577882	714567	3.58%	0.257%
81	19.060	2759	2761	2770	rVV6	524186	1296128	6.49%	0.465%
82	19.272	2793	2797	2801	rBV2	936915	1378662	6.90%	0.495%
83	19.360	2802	2812	2819	rVB3	8078007	19979697	100.00%	7.173%
84	19.436	2820	2825	2829	rBV2	2804013	3831578	19.18%	1.376%
85	19.495	2830	2835	2840	rBV	2011655	2990452	14.97%	1.074%
86	19.554	2840	2845	2850	rBV4	4324636	6723722	33.65%	2.414%
87	19.636	2853	2859	2864	rVB	9280644	14115314	70.65%	5.068%
88	19.701	2865	2870	2875	rBV	5362530	6871383	34.39%	2.467%
89	19.766	2878	2881	2884	rVB	871615	1003077	5.02%	0.360%
90	19.824	2887	2891	2894	rBV4	2001301	3252115	16.28%	1.168%
91	19.889	2900	2902	2907	rVB	2033972	2343295	11.73%	0.841%
92	19.965	2913	2915	2919	rVB2	1405462	1538390	7.70%	0.552%
93	20.083	2928	2935	2940	rVB	9602744	14338474	71.77%	5.148%
94	20.194	2952	2954	2957	rBV	974255	990259	4.96%	0.356%
95	20.335	2973	2978	2982	rBV3	5256472	8119449	40.64%	2.915%
96	20.388	2983	2987	2991	rVV	5884319	7549130	37.78%	2.710%
97	20.617	3022	3026	3030	rVB	5108722	6205465	31.06%	2.228%
98	20.664	3031	3034	3037	rBV3	2625054	3503911	17.54%	1.258%
99	20.941	3074	3081	3087	rVB3	3458512	7300155	36.54%	2.621%
100	21.622	3193	3197	3206	rVB	3037405	5400646	27.03%	1.939%

Sum of corrected areas: 278539199

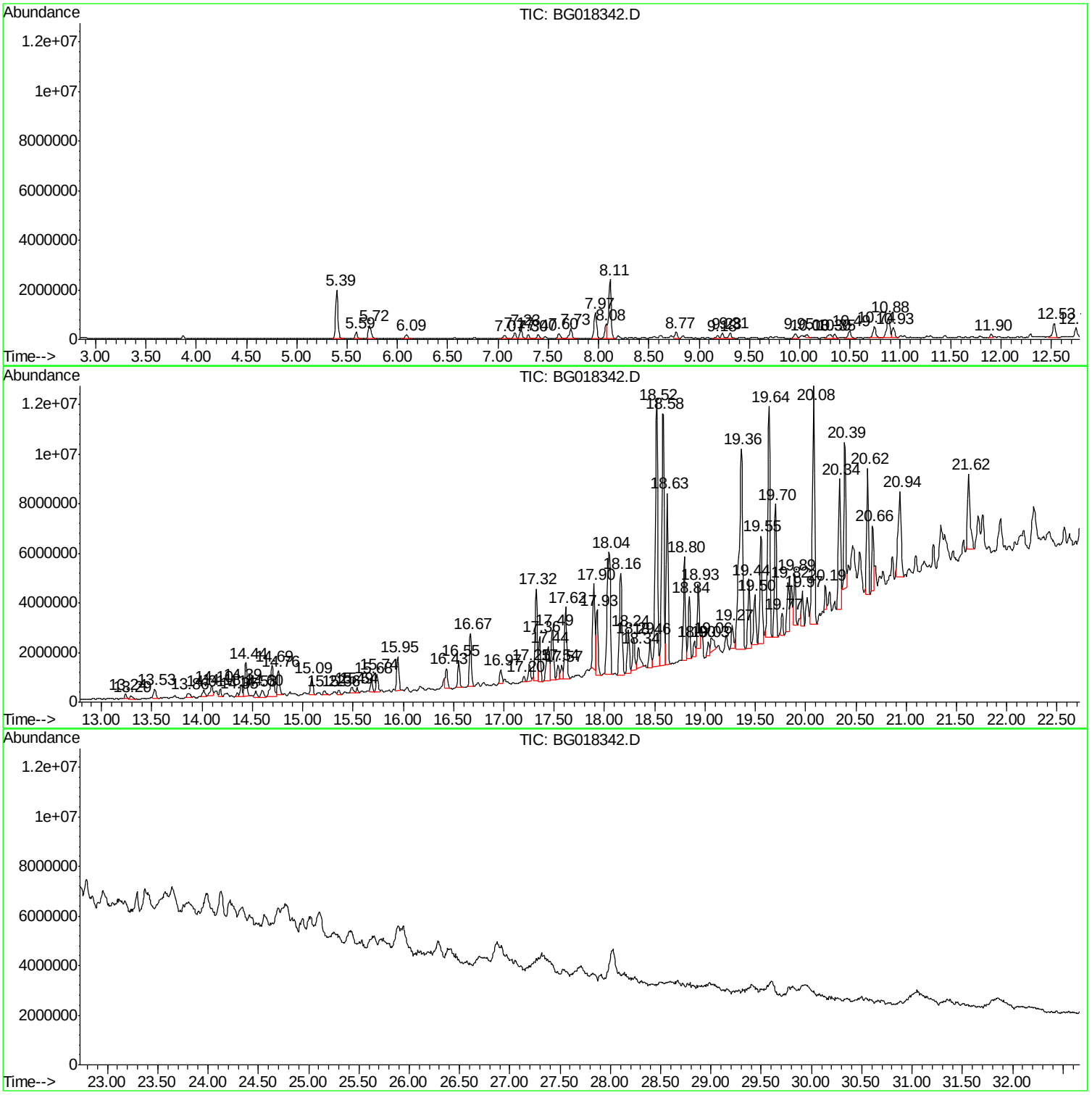
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080915\
Data File : BG018342.D
Acq On : 9 Aug 2015 23:34
Operator : UM/TP
Sample : G3136-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02F6

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 : BG018342.D
Acq On : 9 Aug 2015 23:34
Operator : UM/TP
Sample : G3136-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02F6

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

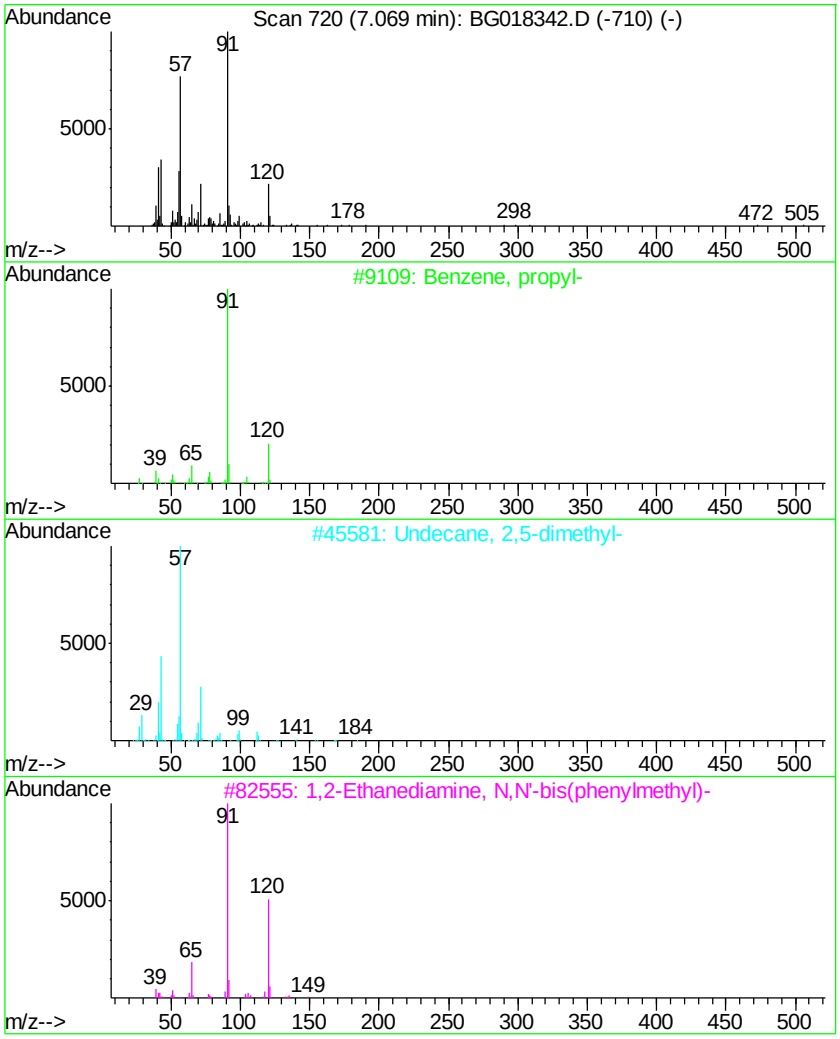
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

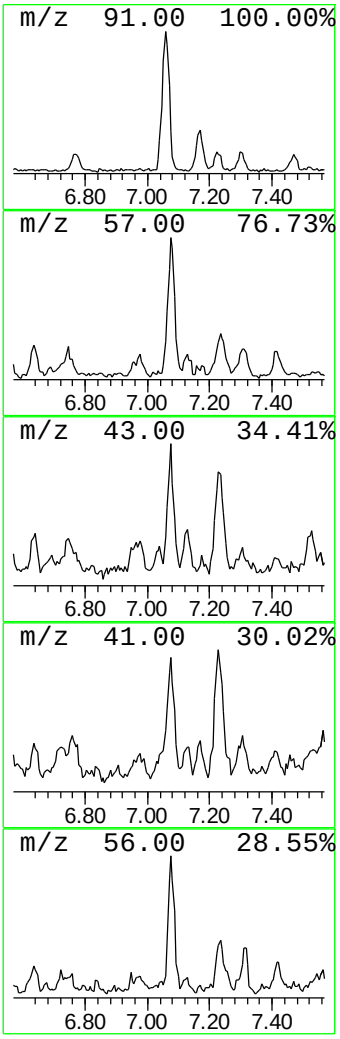
****

Peak Number 5 unknown-01 Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.07	6.44 ng/ul	304540	1,4-Dichlorobenzene-d4	8.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	38
2	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	27
3	1,2-Ethanediamine, N,N'-bis(phen...	240	C16H20N2	000140-28-3	27
4	Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	27
5	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	27





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080915\
Data File : BG018342.D
Acq On : 9 Aug 2015 23:34
Operator : UM/TP
Sample : G3136-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02F6

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

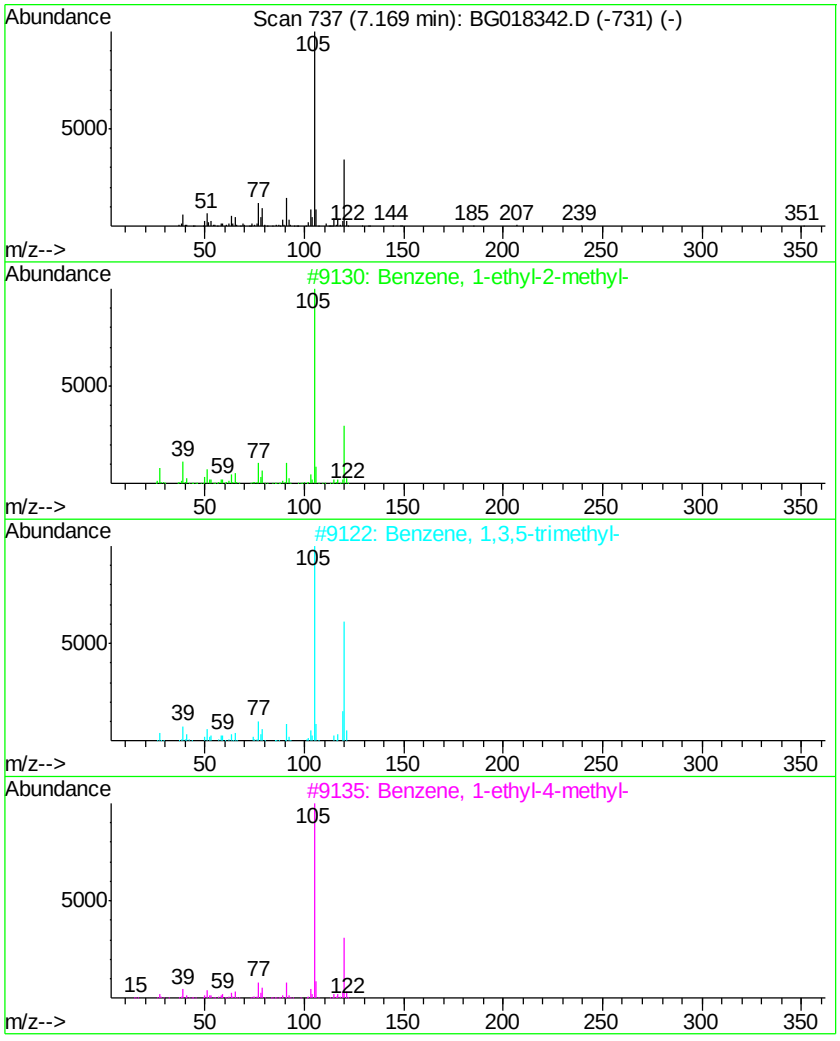
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

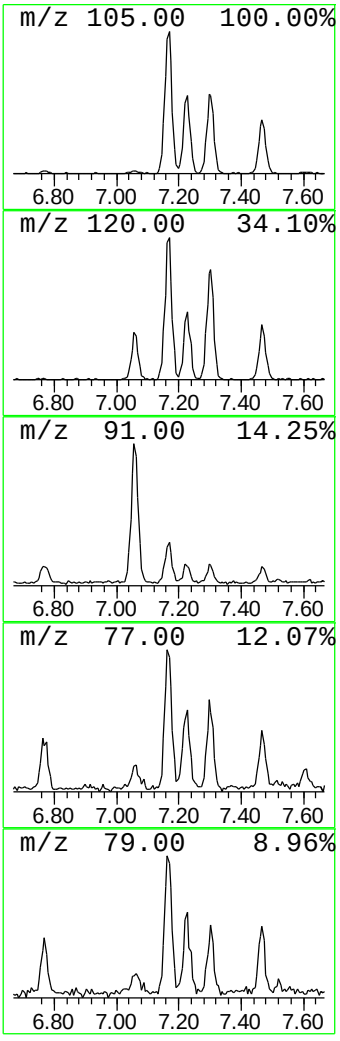
****

Peak Number 6 Benzene, 1-ethyl-2-methyl- Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.17	8.15 ng/ul	385435	1,4-Dichlorobenzene-d4	8.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
2	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91





Data Path : Z:\HPCHEM1\BNA G\DATA\BG080915\
Data File : BG018342.D
Acq On : 9 Aug 2015 23:34
Operator : UM/TP
Sample : G3136-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02F6

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

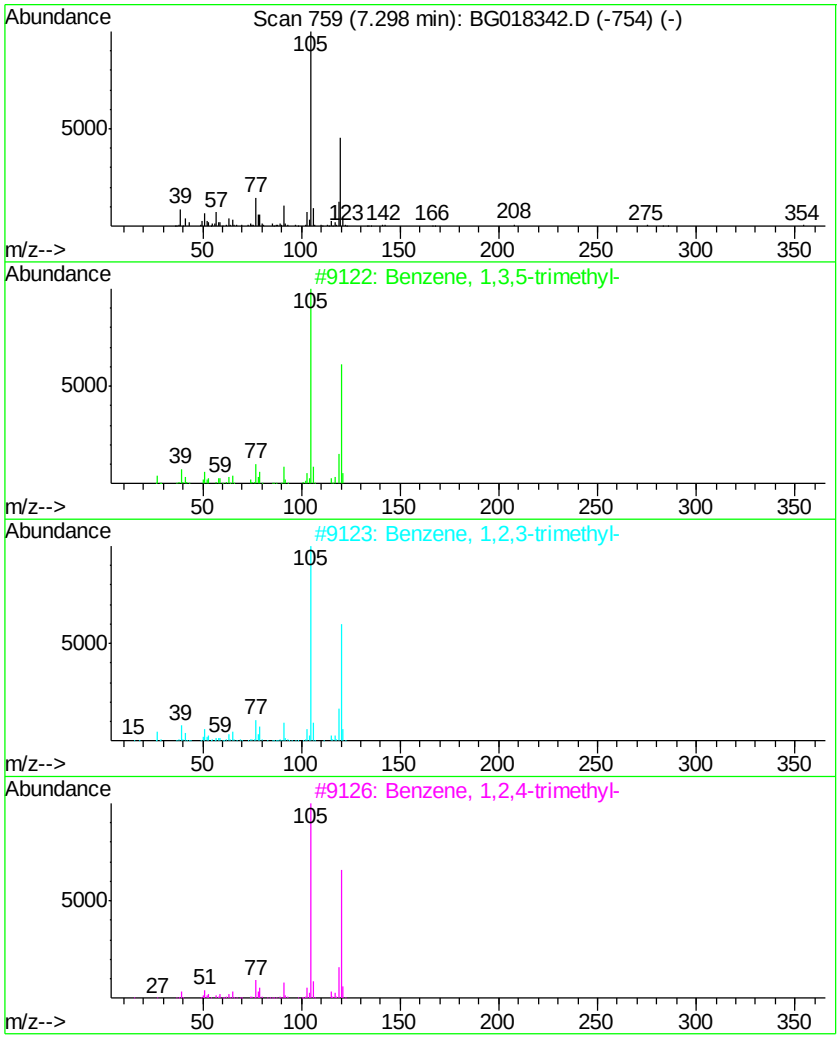
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

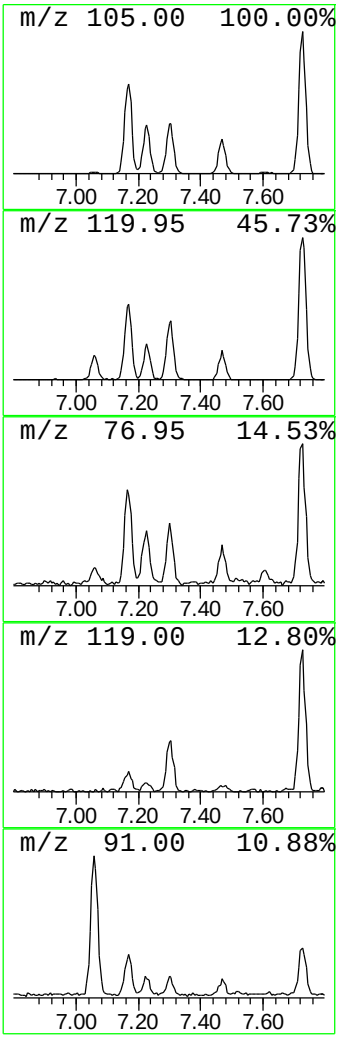
****

Peak Number 7 Benzene, 1,3,5-trimethyl- Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.30	5.66 ng/ul	267737	1,4-Dichlorobenzene-d4	8.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	95
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	93





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080915\
Data File : BG018342.D
Acq On : 9 Aug 2015 23:34
Operator : UM/TP
Sample : G3136-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02F6

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

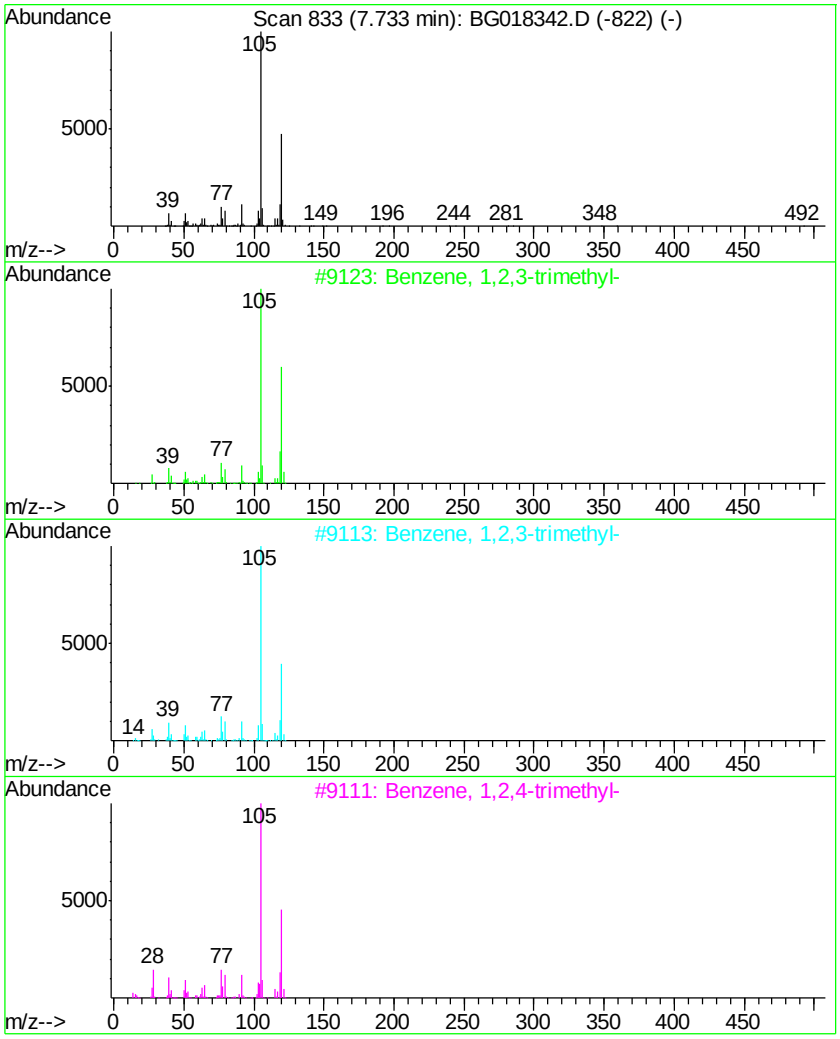
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

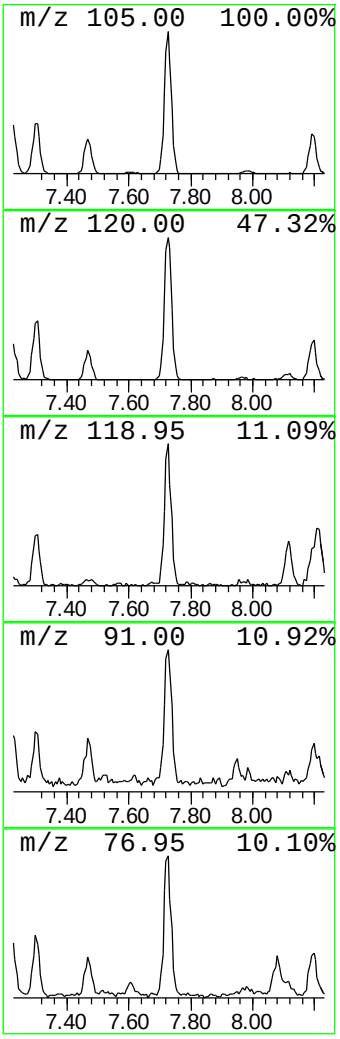
****

Peak Number 8 Benzene, 1,2,3-trimethyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.73	16.53 ng/ul	781937	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	97
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
5	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	93





Data Path : Z:\HPCHEM1\BNA G\DATA\BG080915\
Data File : BG018342.D
Acq On : 9 Aug 2015 23:34
Operator : UM/TP
Sample : G3136-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02F6

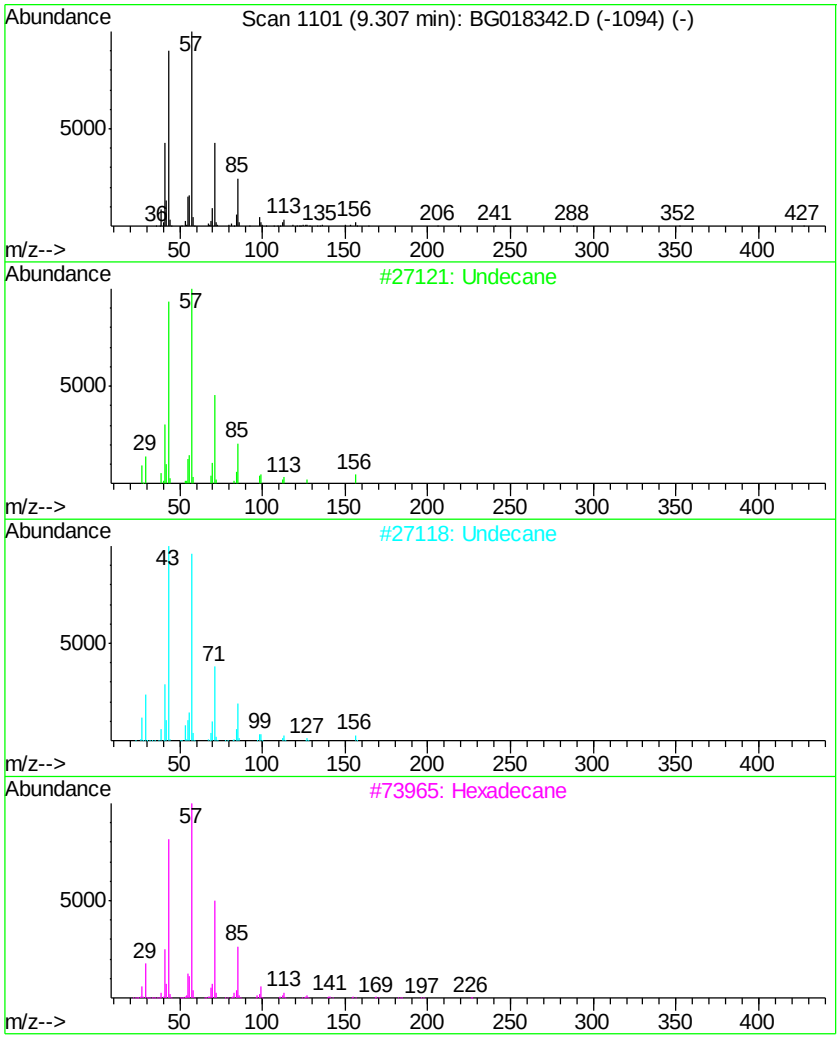
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

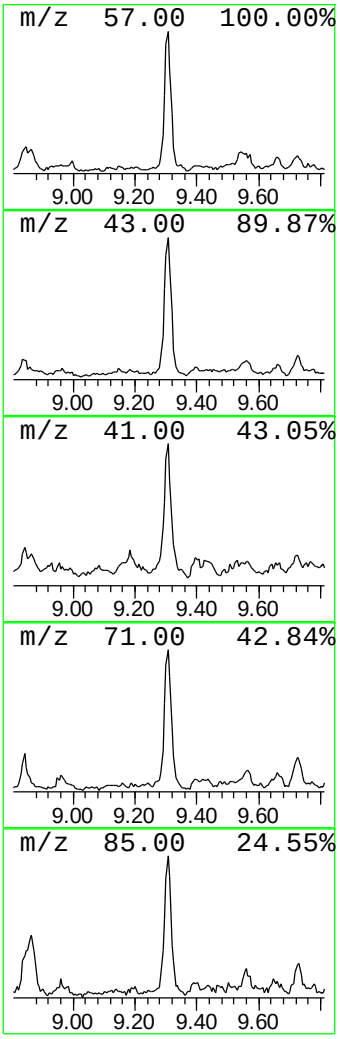
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.31	7.80 ng/ul	368917	1,4-Dichlorobenzene-d4	8.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	91
2	Undecane	156	C11H24	001120-21-4	90
3	Hexadecane	226	C16H34	000544-76-3	83
4	Hexadecane, 1-chloro-	260	C16H33Cl	004860-03-1	83
5	Eicosane	282	C20H42	000112-95-8	83





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080915\
Data File : BG018342.D
Acq On : 9 Aug 2015 23:34
Operator : UM/TP
Sample : G3136-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02F6

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

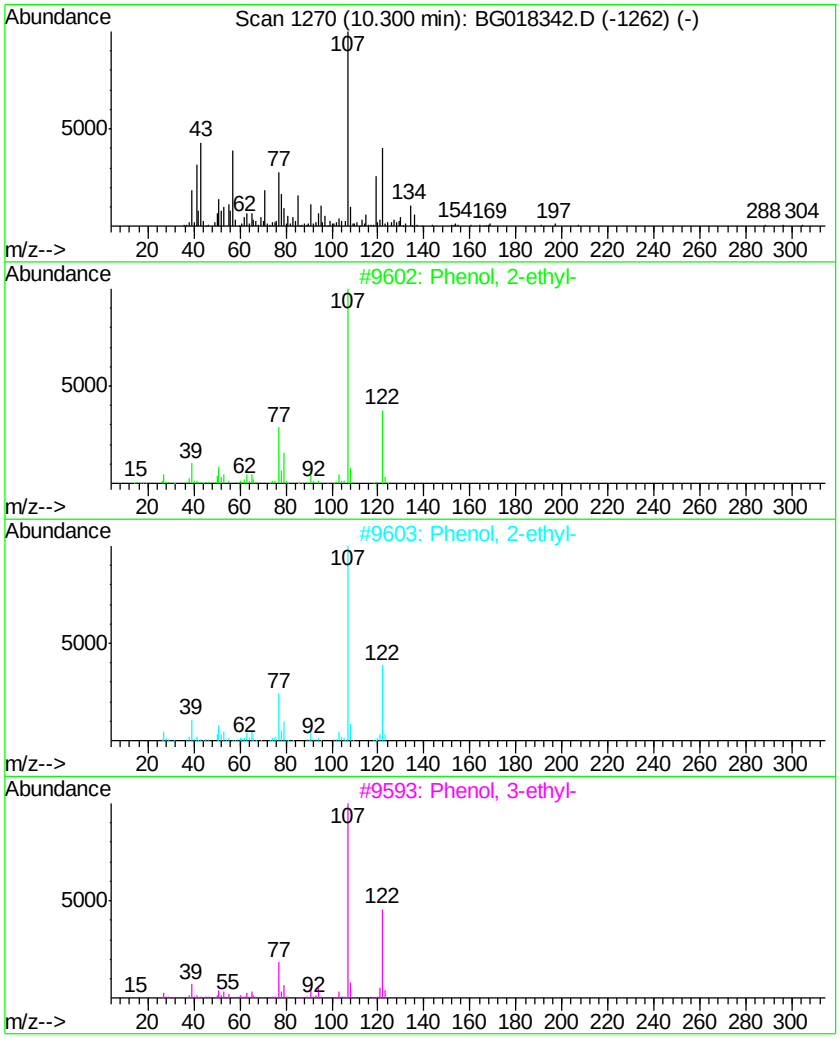
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

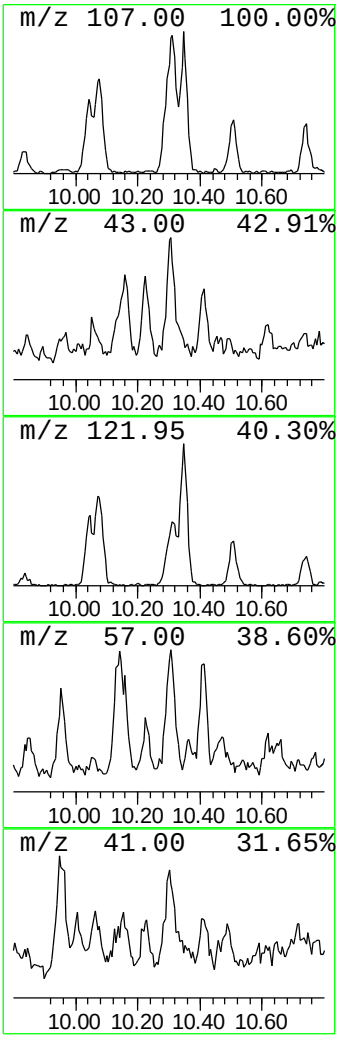
****

Peak Number 11 Phenol, 2-ethyl- Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.30	5.00 ng/ul	457095	Naphthalene-d8	10.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	70
2	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	70
3	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	62
4	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	62
5	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	58





Data Path : Z:\HPCHEM1\BNA G\DATA\BG080915\
Data File : BG018342.D
Acq On : 9 Aug 2015 23:34
Operator : UM/TP
Sample : G3136-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02F6

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

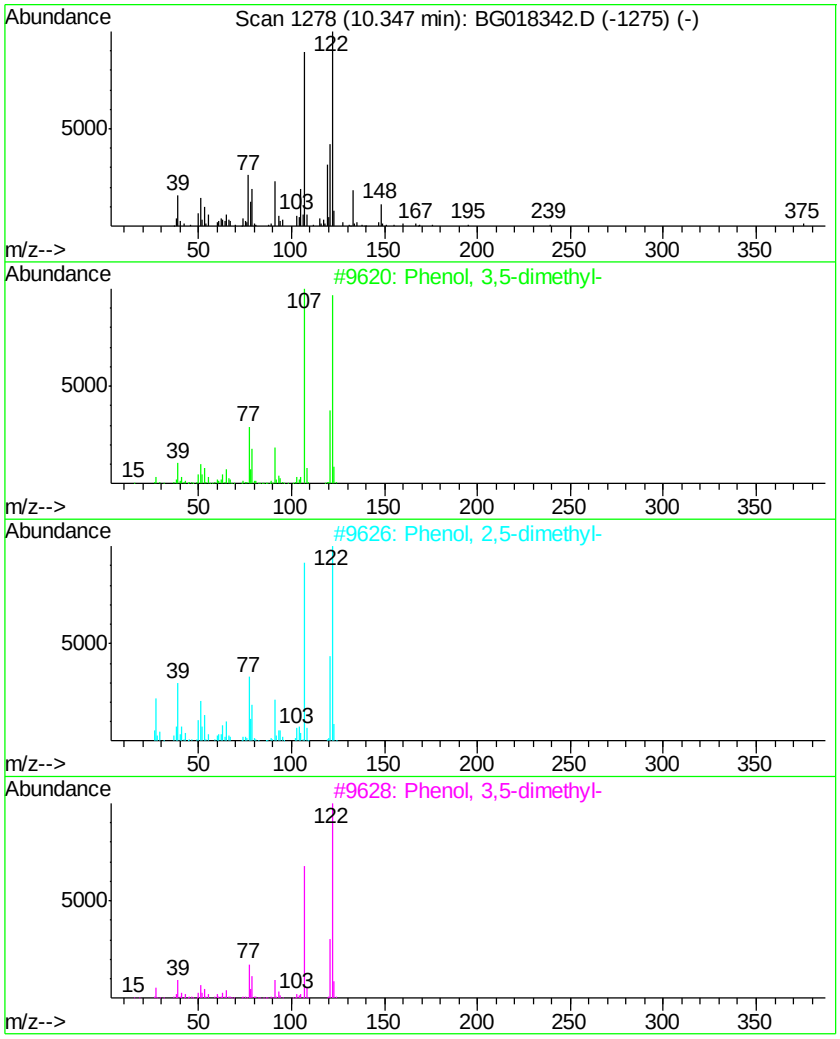
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

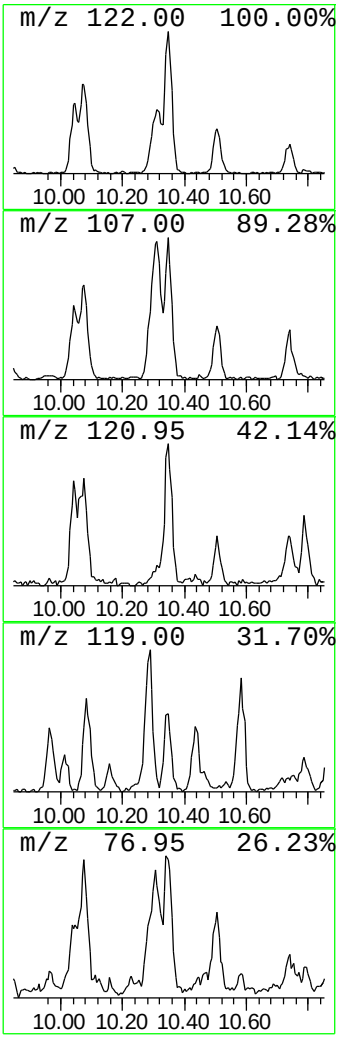
****

Peak Number 12 Phenol, 3,5-dimethyl- Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.35	2.70 ng/ul	246996	Naphthalene-d8	10.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	93
2	Phenol, 2,5-dimethyl-	122	C8H10O	000095-87-4	89
3	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	76
4	Phenol, 2,5-dimethyl-	122	C8H10O	000095-87-4	76
5	Phenol, 2,3-dimethyl-	122	C8H10O	000526-75-0	76





Data Path : Z:\HPCHEM1\BNA G\DATA\BG080915\
Data File : BG018342.D
Acq On : 9 Aug 2015 23:34
Operator : UM/TP
Sample : G3136-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02F6

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

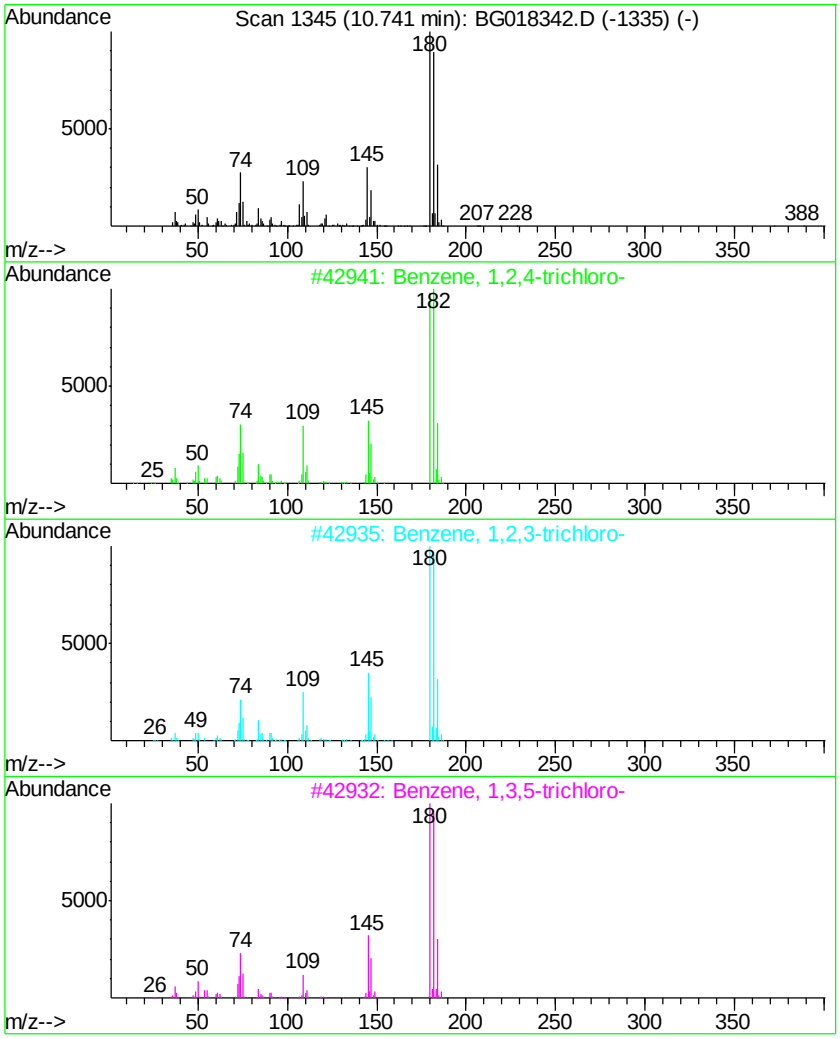
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

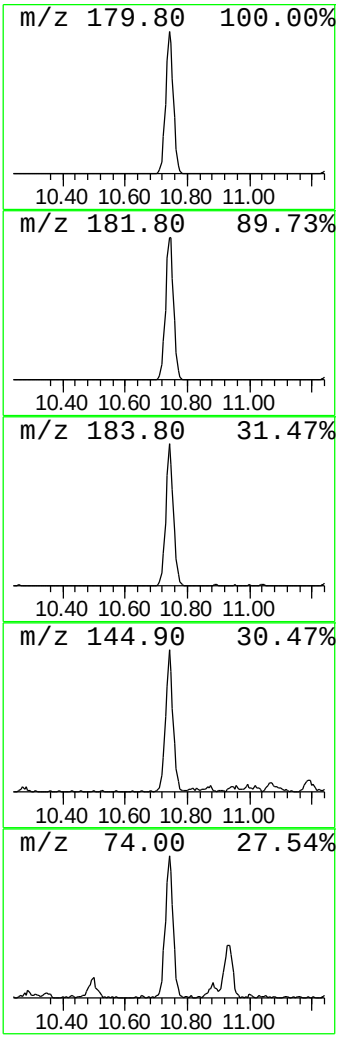
****

Peak Number 13 Benzene, 1,2,4-trichloro- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.74	10.51 ng/ul	960182	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, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	98
3	Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	97
4	Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	97
5	Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	96





Data Path : Z:\HPCHEM1\BNA G\DATA\BG080915\
Data File : BG018342.D
Acq On : 9 Aug 2015 23:34
Operator : UM/TP
Sample : G3136-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02F6

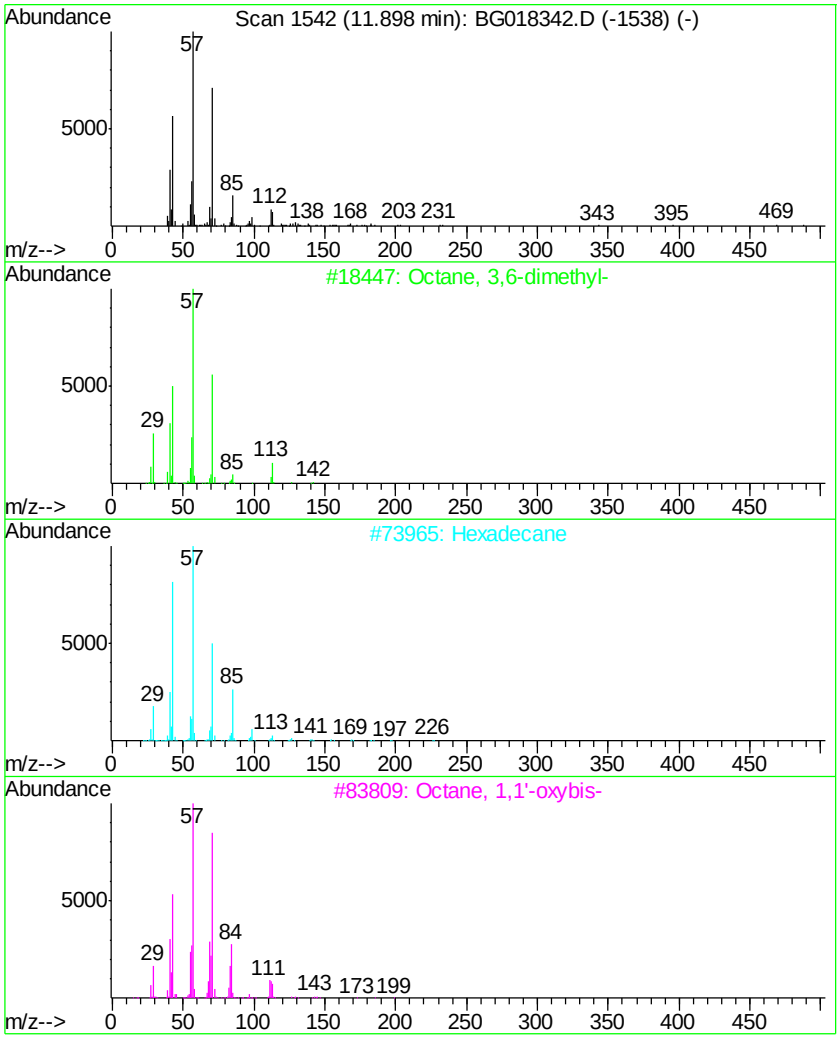
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

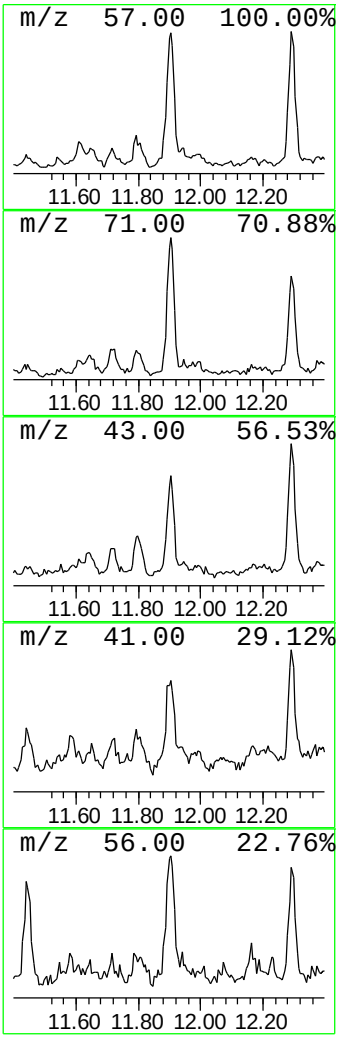
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	2.51 ng/ul	229278	Naphthalene-d8	10.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	72
2	Hexadecane	226	C16H34	000544-76-3	64
3	Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	64
4	Octane, 2,3,6-trimethyl-	156	C11H24	062016-33-5	64
5	Nonane, 2,3-dimethyl-	156	C11H24	002884-06-2	59





Data Path : Z:\HPCHEM1\BNA G\DATA\BG080915\
Data File : BG018342.D
Acq On : 9 Aug 2015 23:34
Operator : UM/TP
Sample : G3136-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02F6

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

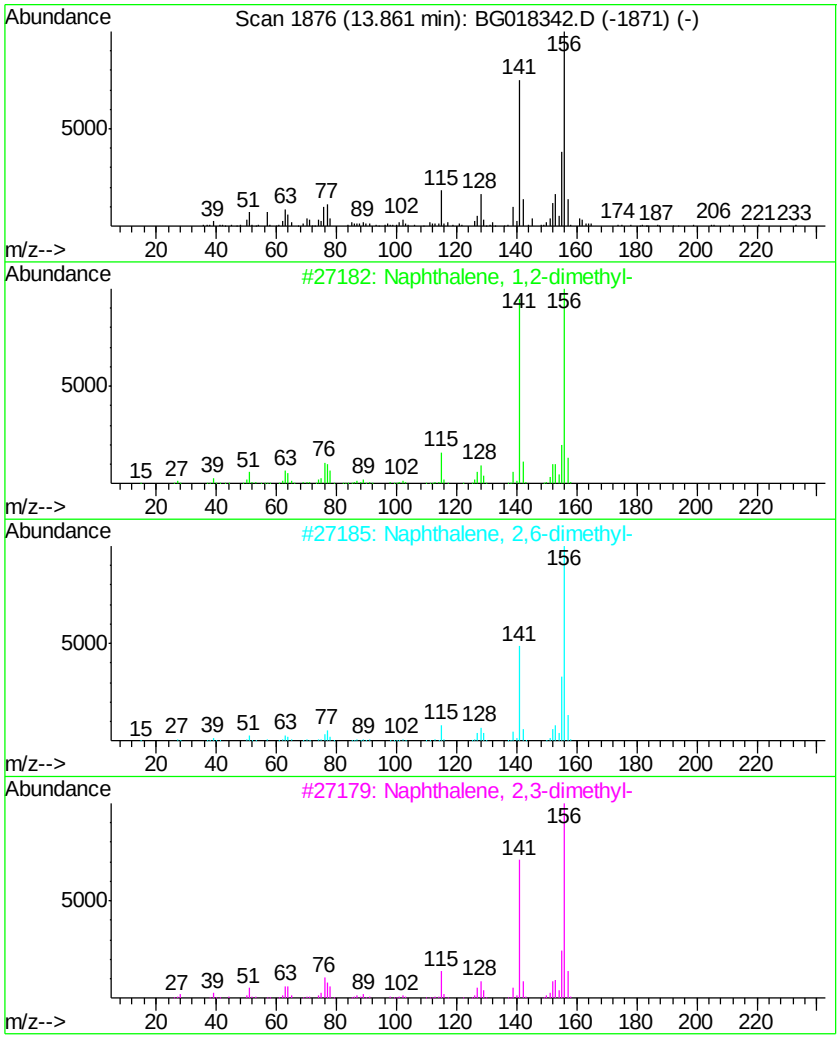
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

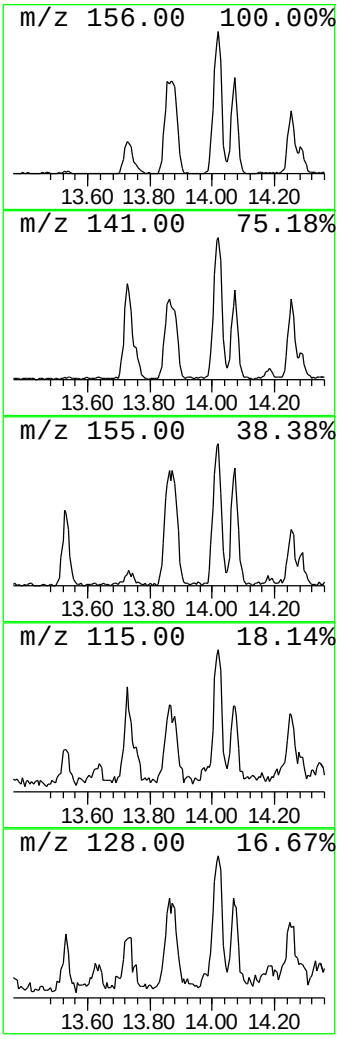
****

Peak Number 15 Naphthalene, 1,2-dimethyl- Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.86	3.10 ng/ul	406902	Acenaphthene-d10	14.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080915\
Data File : BG018342.D
Acq On : 9 Aug 2015 23:34
Operator : UM/TP
Sample : G3136-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02F6

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

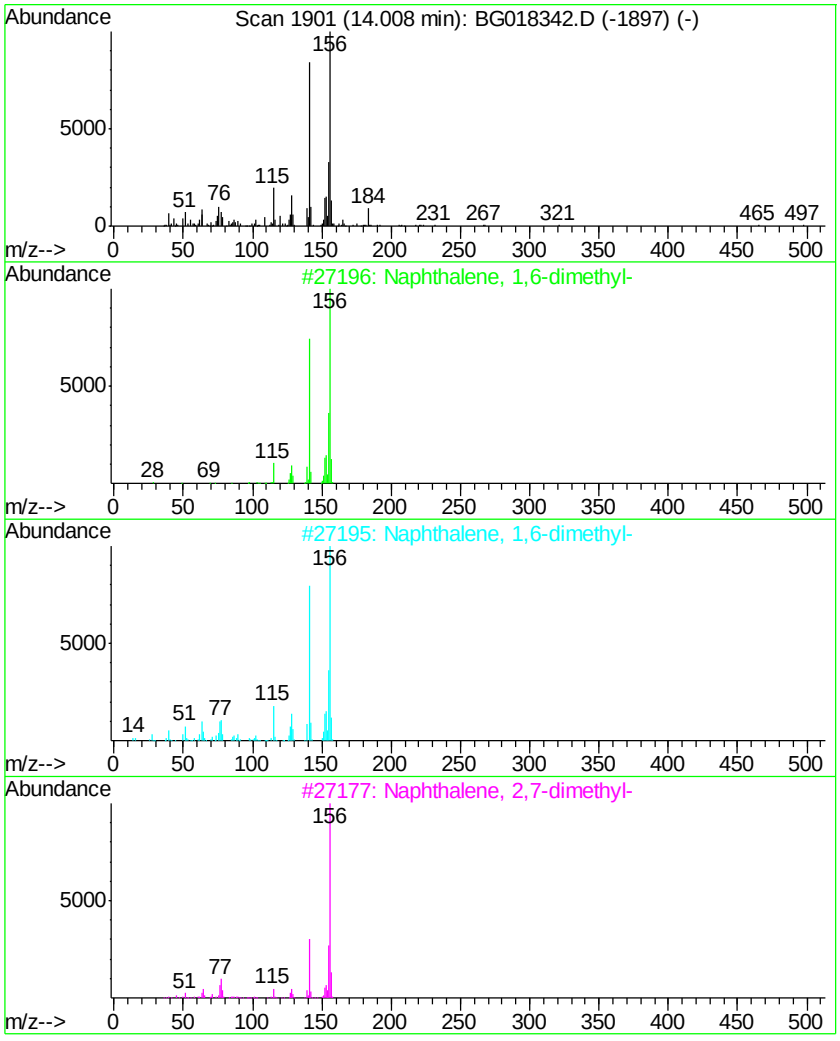
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

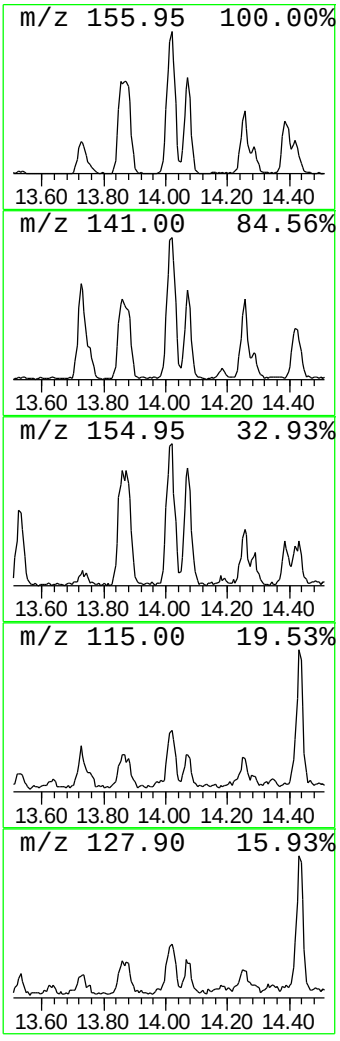
****

Peak Number 16 Naphthalene, 1,6-dimethyl- Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.01	3.35 ng/ul	438919	Acenaphthene-d10	14.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95





Data Path : Z:\HPCHEM1\BNA G\DATA\BG080915\
Data File : BG018342.D
Acq On : 9 Aug 2015 23:34
Operator : UM/TP
Sample : G3136-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02F6

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

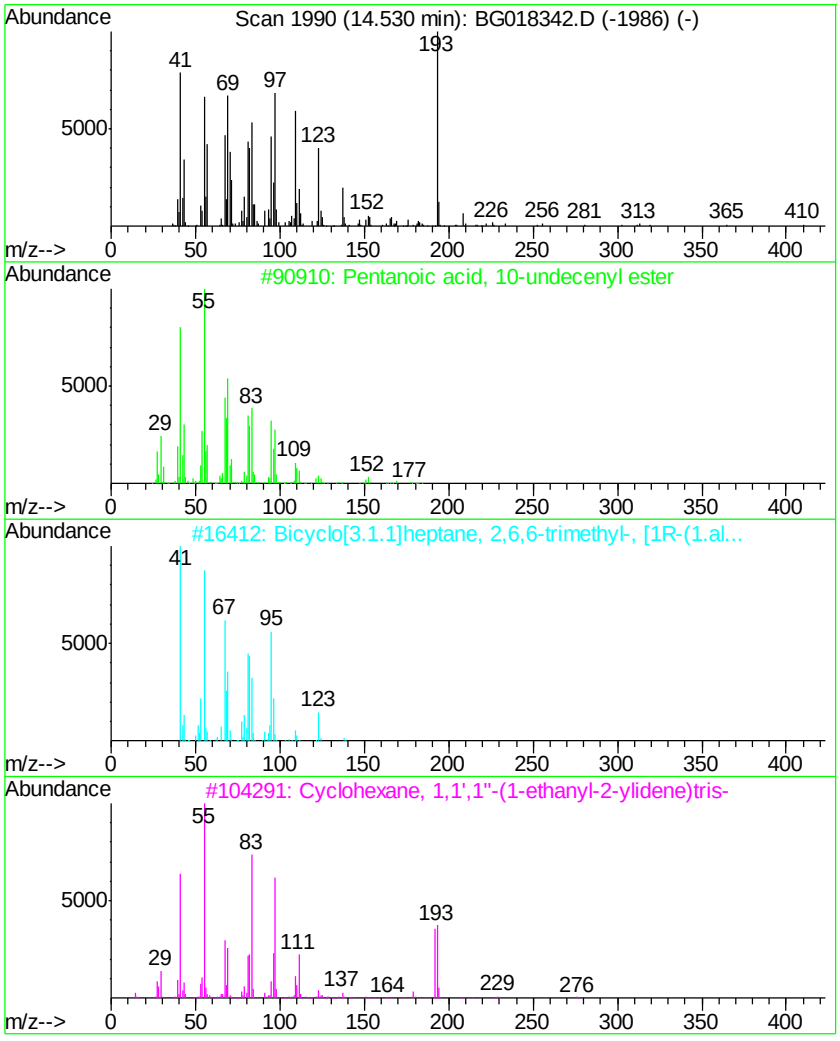
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

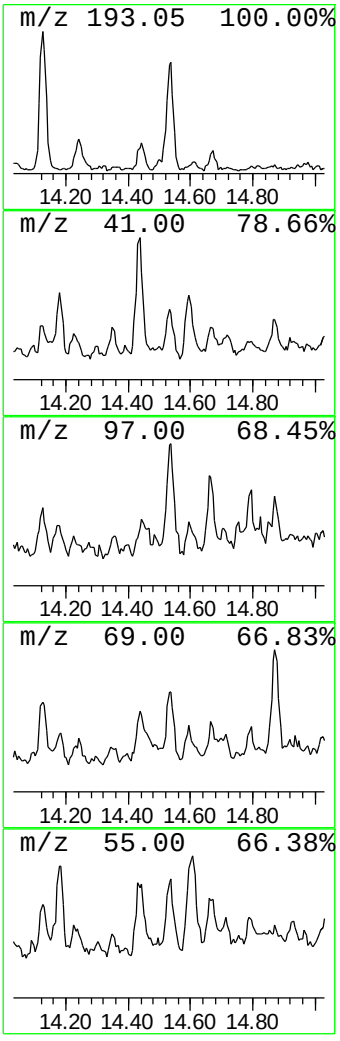
****

Peak Number 17 unknown-02 Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.53	3.25 ng/ul	425303	Acenaphthene-d10	14.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanoic acid, 10-undecenyl ester	254	C16H30O2	1000159-93-4	35
2	Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	004795-86-2	30
3	Cyclohexane, 1,1',1''-(1-ethanyl...	276	C20H36	055682-86-5	27
4	2,6-Heptadienal, 2,4-dimethyl-	138	C9H14O	085136-08-9	25
5	6-Dodecenol	184	C12H24O	052957-14-9	25





Data Path : Z:\HPCHEM1\BNA G\DATA\BG080915\
Data File : BG018342.D
Acq On : 9 Aug 2015 23:34
Operator : UM/TP
Sample : G3136-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02F6

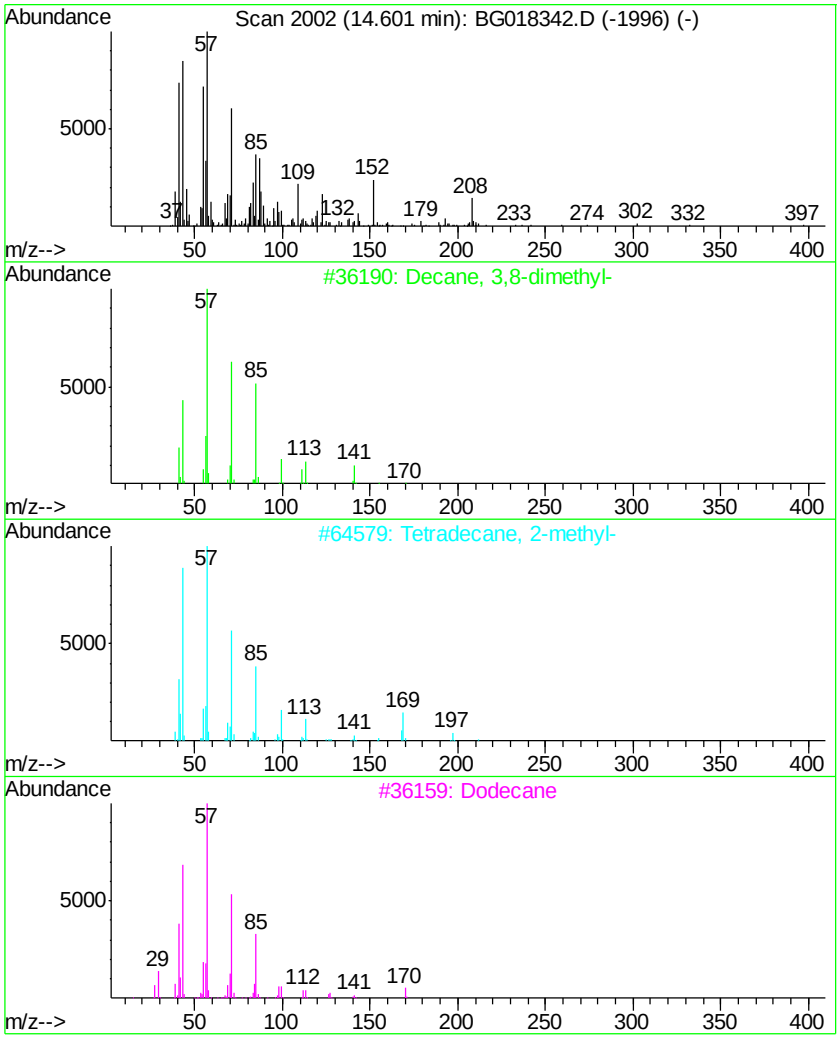
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

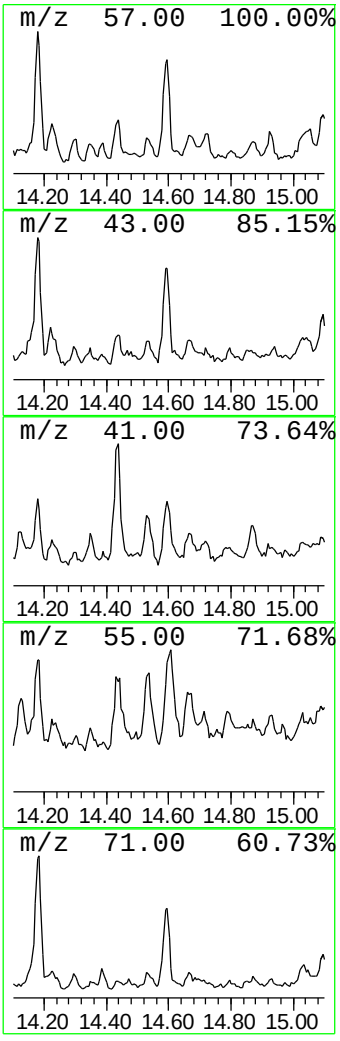
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.60	4.41 ng/ul	577903	Acenaphthene-d10	14.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	64
2	Tetradecane, 2-methyl-	212	C15H32	001560-95-8	62
3	Dodecane	170	C12H26	000112-40-3	58
4	Tridecane	184	C13H28	000629-50-5	52
5	Tetradecane	198	C14H30	000629-59-4	52





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080915\
Data File : BG018342.D
Acq On : 9 Aug 2015 23:34
Operator : UM/TP
Sample : G3136-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02F6

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

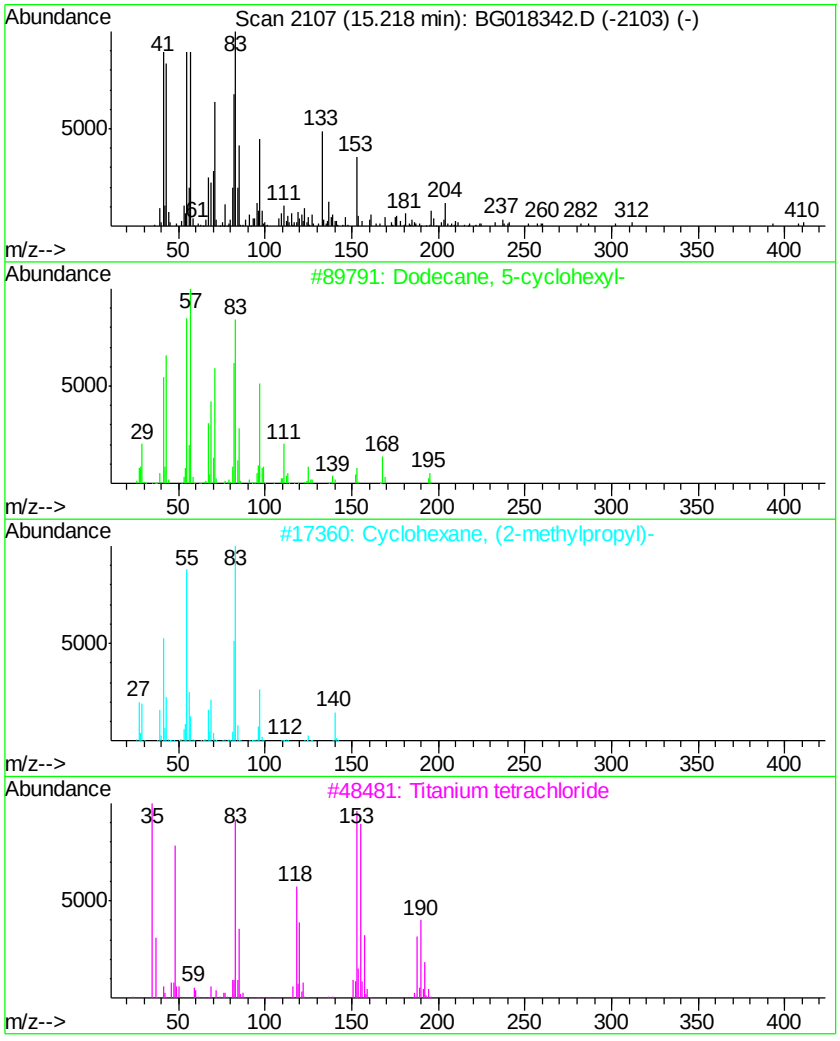
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

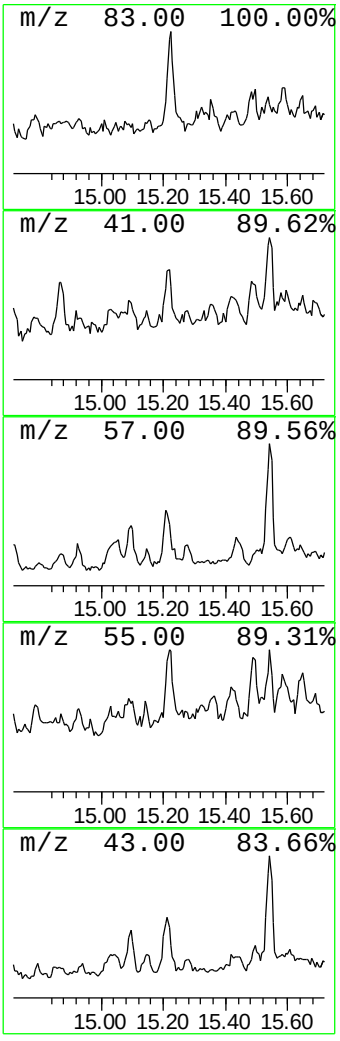
****

Peak Number 19 (DEL) Alkane: Cyclic15.22 Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.22	2.34 ng/ul	306671	Acenaphthene-d10	14.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 5-cyclohexyl-	252	C18H36	013151-85-4	58
2	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	38
3	Titanium tetrachloride	188	Cl4Ti	007550-45-0	38
4	Nonadecane, 1-chloro-	302	C19H39Cl	062016-76-6	30
5	Hexadecane, 1-chloro-	260	C16H33Cl	004860-03-1	30





Data Path : Z:\HPCHEM1\BNA G\DATA\BG080915\
Data File : BG018342.D
Acq On : 9 Aug 2015 23:34
Operator : UM/TP
Sample : G3136-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02F6

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

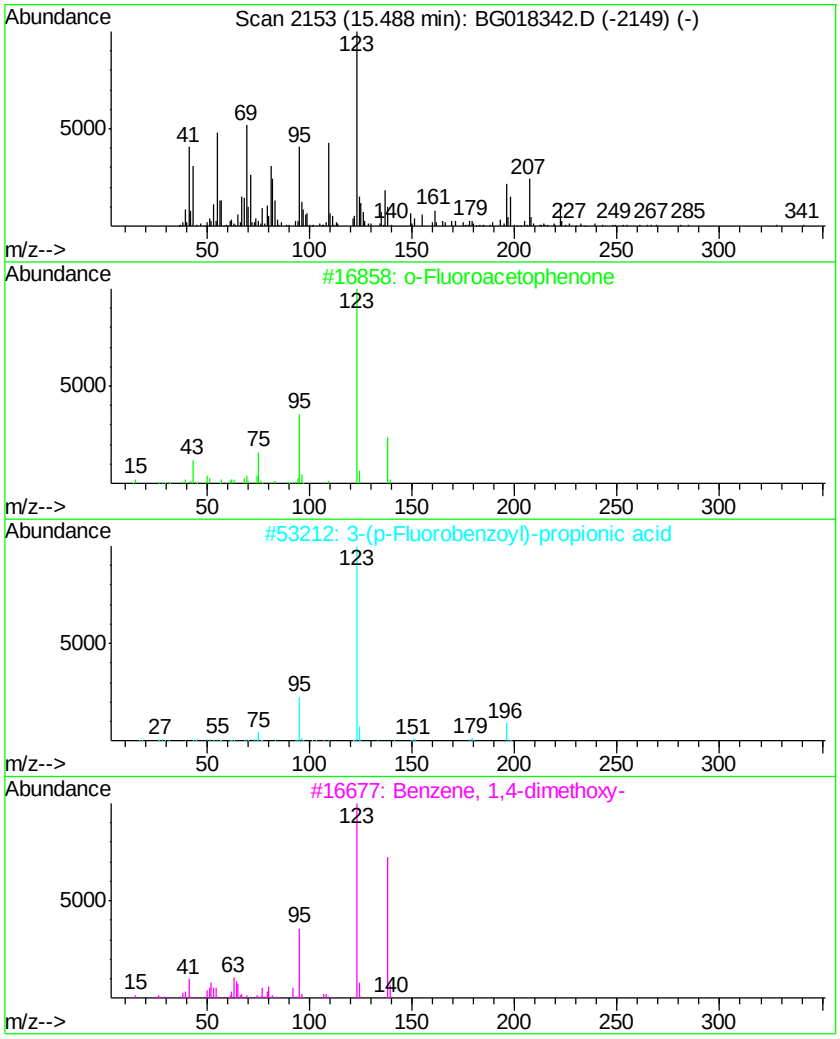
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

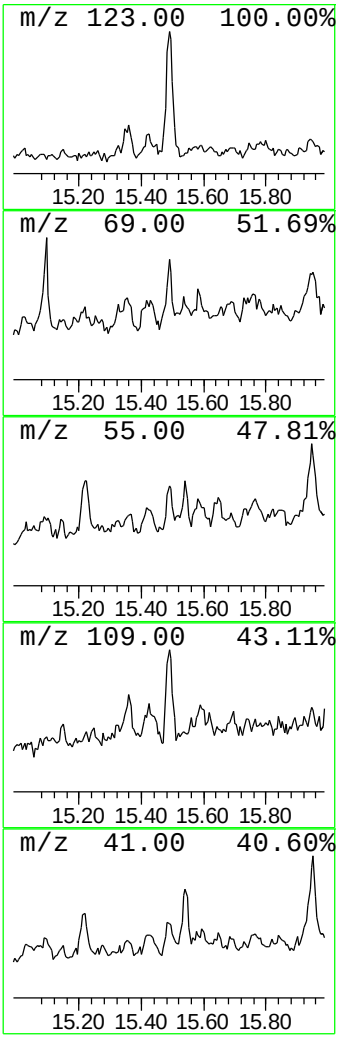
****

Peak Number 20 unknown-03 Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.49	2.78 ng/ul	364792	Acenaphthene-d10	14.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Fluoroacetophenone	138	C8H7FO	000445-27-2	46
2	3-(p-Fluorobenzoyl)-propionic acid	196	C10H9FO3	000366-77-8	46
3	Benzene, 1,4-dimethoxy-	138	C8H10O2	000150-78-7	43
4	1,3-Benzenediamine, 4-methoxy-	138	C7H10N2O	000615-05-4	43
5	Cyclopent-2-ene-1-carboxylic aci...	196	C12H20O2	1000195-65-4	42





Data Path : Z:\HPCHEM1\BNA G\DATA\BG080915\
Data File : BG018342.D
Acq On : 9 Aug 2015 23:34
Operator : UM/TP
Sample : G3136-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02F6

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

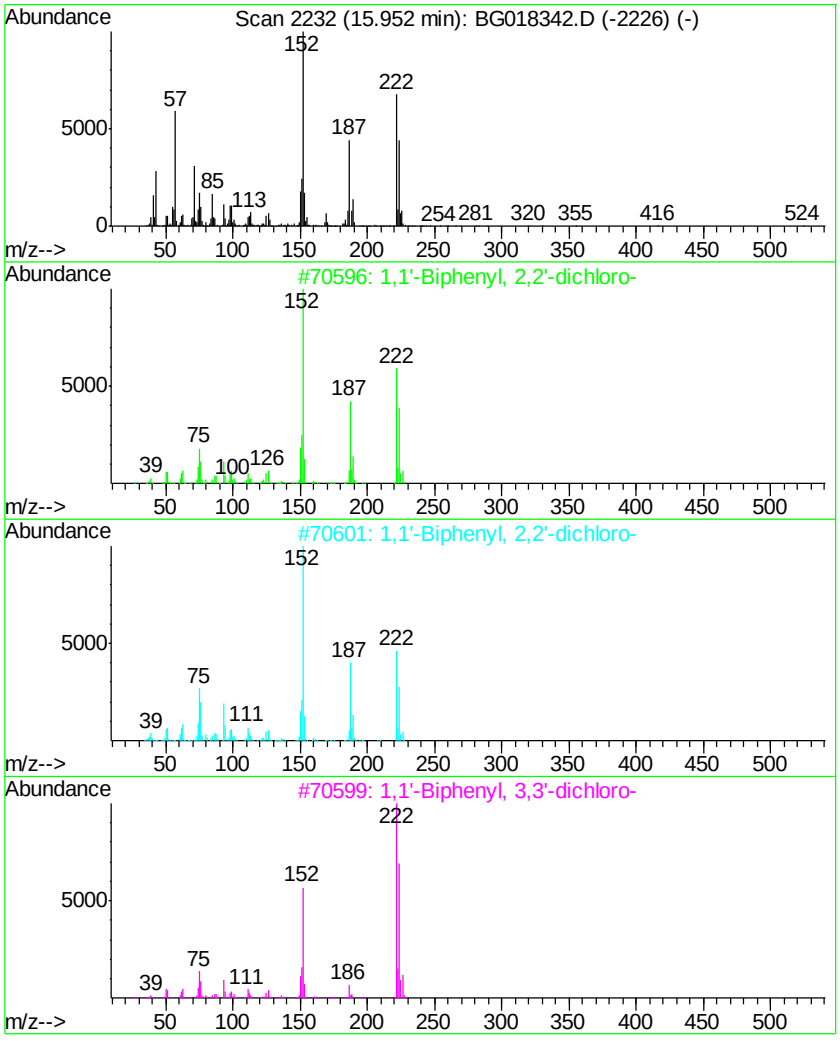
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

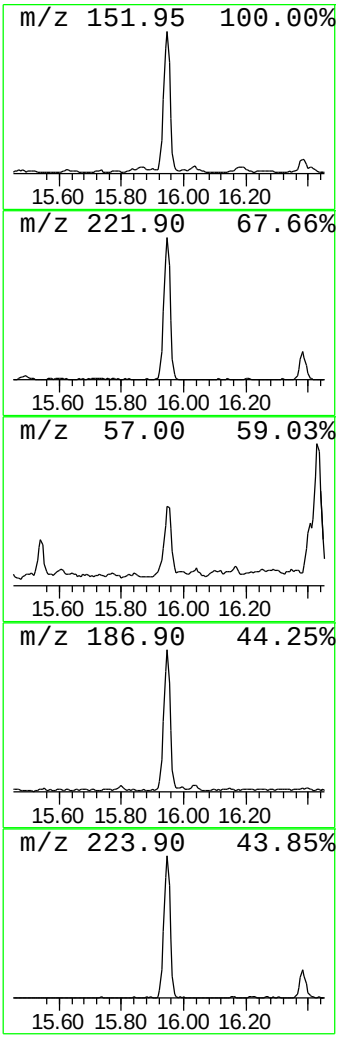
****

Peak Number 21 1,1'-Biphenyl, 2,2'-dichloro- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.95	15.48 ng/ul	2029360	Acenaphthene-d10	14.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2'-dichloro-	222	C12H8Cl2	013029-08-8	99
2	1,1'-Biphenyl, 2,2'-dichloro-	222	C12H8Cl2	013029-08-8	98
3	1,1'-Biphenyl, 3,3'-dichloro-	222	C12H8Cl2	002050-67-1	96
4	1,1'-Biphenyl, 4,4'-dichloro-	222	C12H8Cl2	002050-68-2	95
5	1,1'-Biphenyl, 2,4'-dichloro-	222	C12H8Cl2	034883-43-7	95





Data Path : Z:\HPCHEM1\BNA G\DATA\BG080915\
Data File : BG018342.D
Acq On : 9 Aug 2015 23:34
Operator : UM/TP
Sample : G3136-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02F6

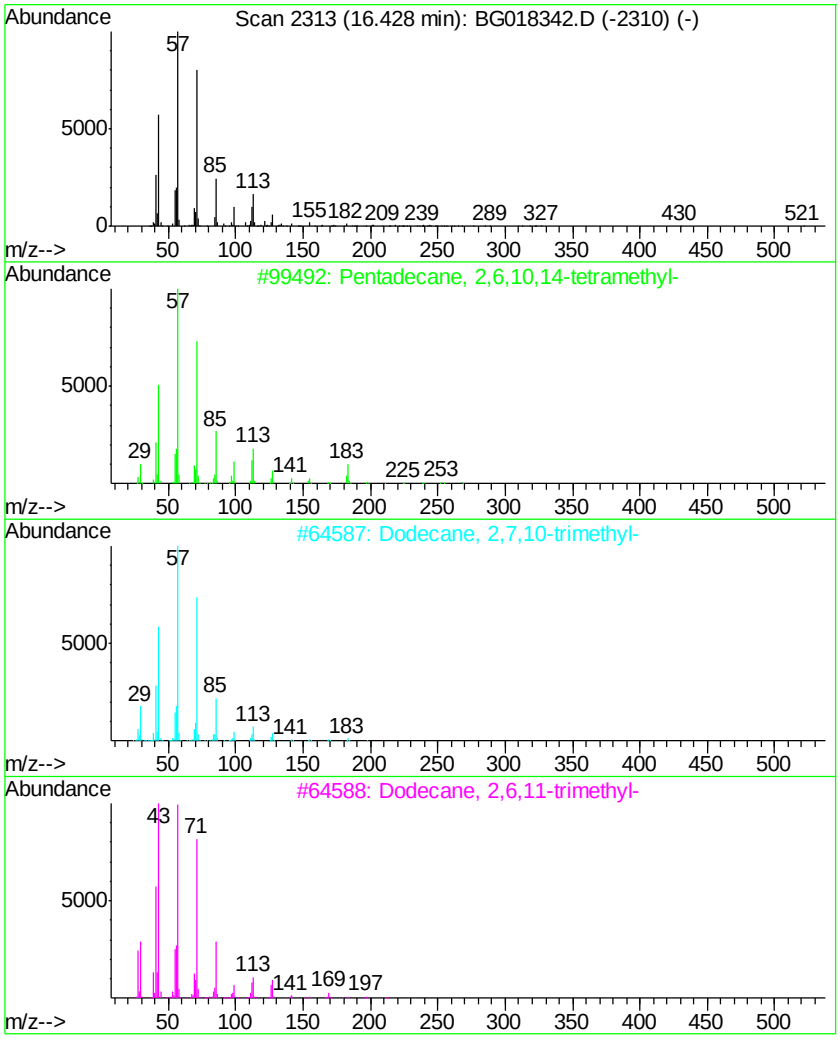
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

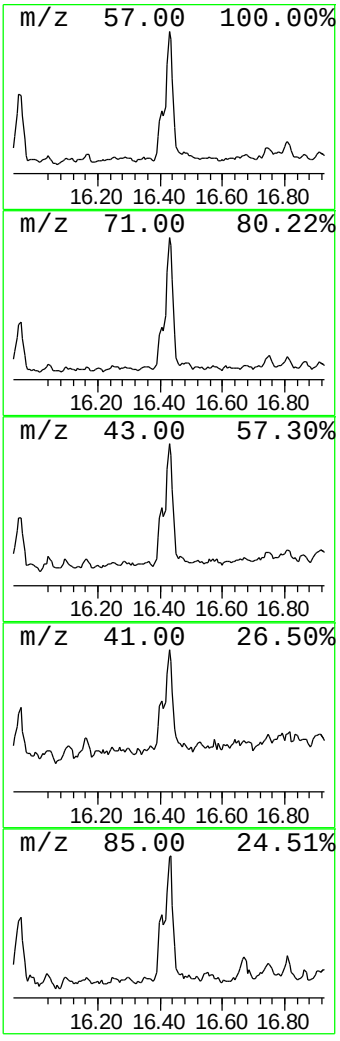
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.43	8.12 ng/ul	1149540	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	90
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	86
3	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	78
4	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	78
5	Tridecane, 5-propyl-	226	C16H34	055045-11-9	78





Data Path : Z:\HPCHEM1\BNA G\DATA\BG080915\
Data File : BG018342.D
Acq On : 9 Aug 2015 23:34
Operator : UM/TP
Sample : G3136-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02F6

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

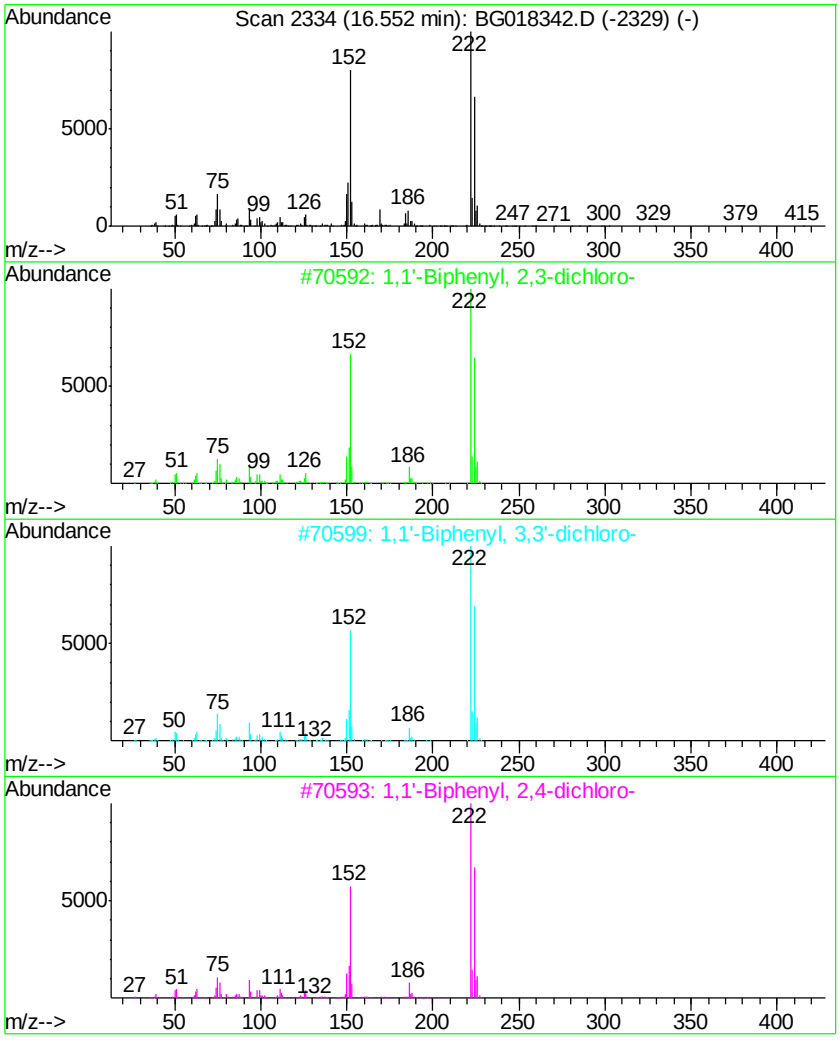
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

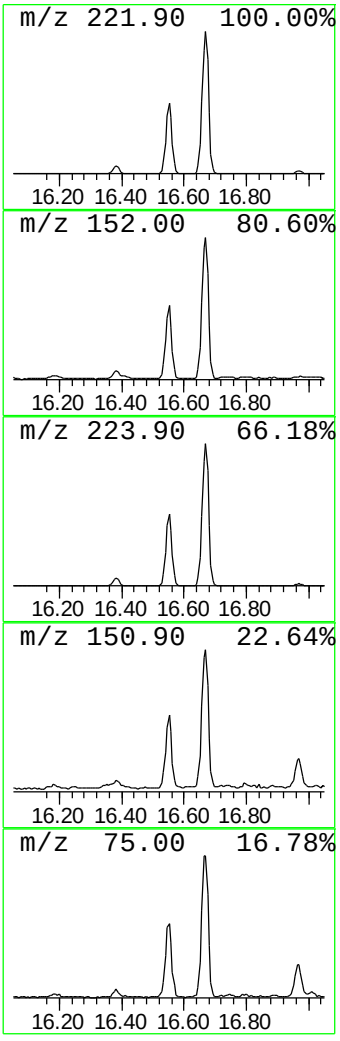
****

Peak Number 23 1,1'-Biphenyl, 2,3-dichloro- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.55	10.27 ng/ul	1453460	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3-dichloro-	222	C12H8Cl2	016605-91-7	99
2	1,1'-Biphenyl, 3,3'-dichloro-	222	C12H8Cl2	002050-67-1	98
3	1,1'-Biphenyl, 2,4-dichloro-	222	C12H8Cl2	033284-50-3	98
4	1,1'-Biphenyl, 4,4'-dichloro-	222	C12H8Cl2	002050-68-2	95
5	1,1'-Biphenyl, 2,4-dichloro-	222	C12H8Cl2	033284-50-3	95





Data Path : Z:\HPCHEM1\BNA G\DATA\BG080915\
Data File : BG018342.D
Acq On : 9 Aug 2015 23:34
Operator : UM/TP
Sample : G3136-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02F6

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

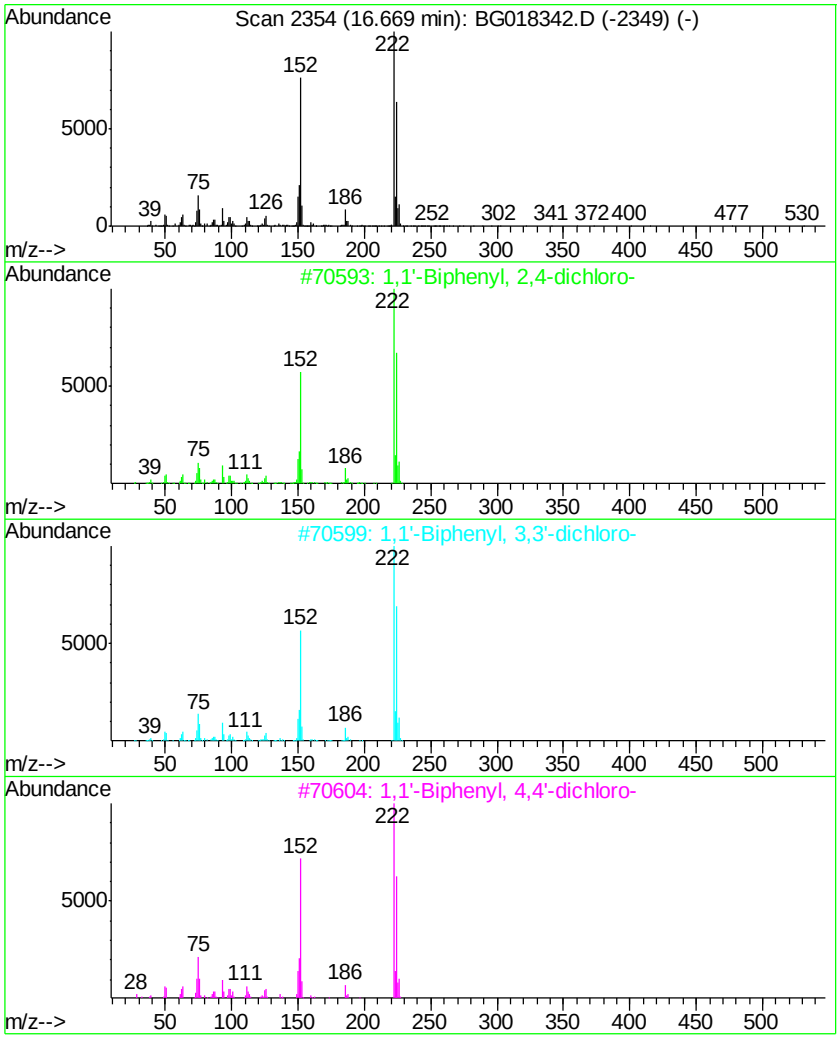
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

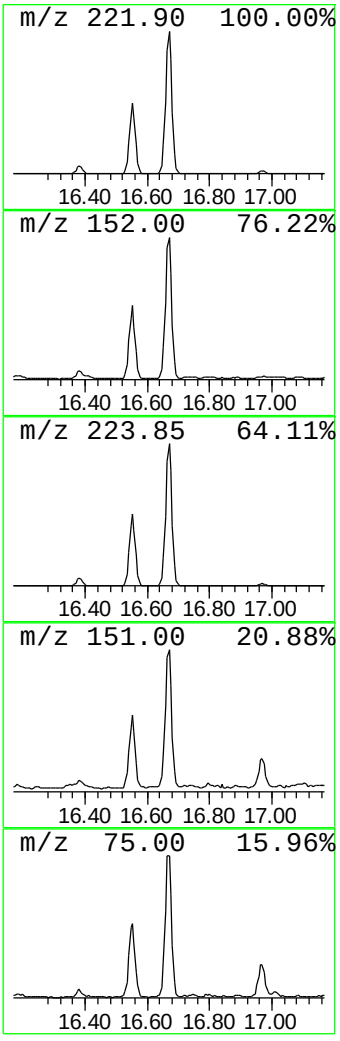
****

Peak Number 24 1,1'-Biphenyl, 2,4-dichloro- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.67	21.64 ng/ul	3064100	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,4-dichloro-	222	C12H8Cl2	033284-50-3	99
2	1,1'-Biphenyl, 3,3'-dichloro-	222	C12H8Cl2	002050-67-1	99
3	1,1'-Biphenyl, 4,4'-dichloro-	222	C12H8Cl2	002050-68-2	97
4	1,1'-Biphenyl, 2,3-dichloro-	222	C12H8Cl2	016605-91-7	96
5	1,1'-Biphenyl, 2,4'-dichloro-	222	C12H8Cl2	034883-43-7	95





Data Path : Z:\HPCHEM1\BNA G\DATA\BG080915\
Data File : BG018342.D
Acq On : 9 Aug 2015 23:34
Operator : UM/TP
Sample : G3136-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02F6

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

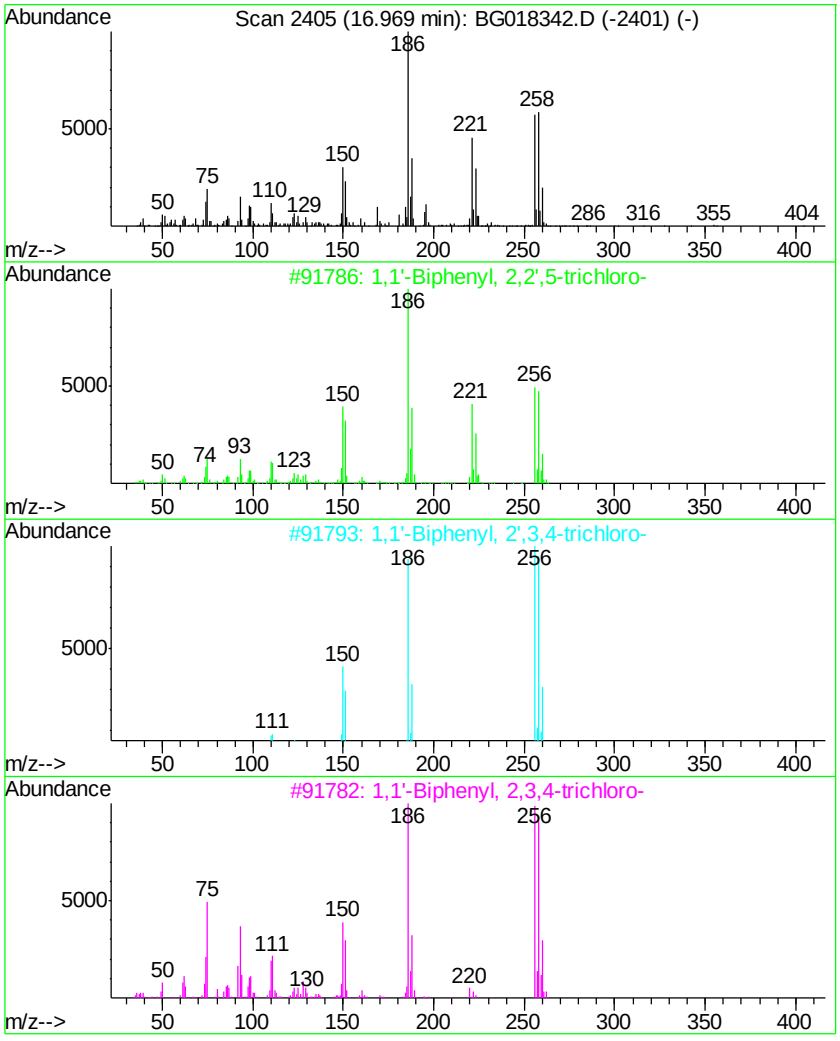
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

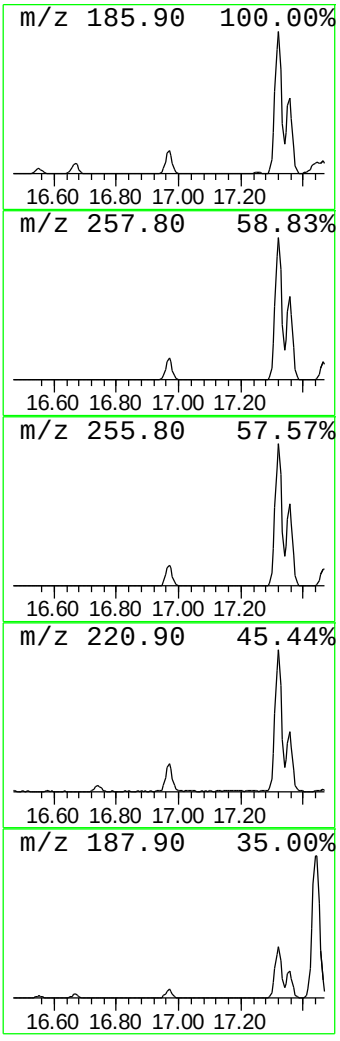
****

Peak Number 25 1,1'-Biphenyl, 2,2',5-trich... Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.97	6.26 ng/ul	886574	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	99
2	1,1'-Biphenyl, 2',3,4-trichloro-	256	C12H7Cl3	038444-86-9	93
3	1,1'-Biphenyl, 2,3,4-trichloro-	256	C12H7Cl3	055702-46-0	93
4	1,1'-Biphenyl, 2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	93
5	1,1'-Biphenyl, 2,3,3'-trichloro-	256	C12H7Cl3	038444-84-7	90





Data Path : Z:\HPCHEM1\BNA G\DATA\BG080915\
Data File : BG018342.D
Acq On : 9 Aug 2015 23:34
Operator : UM/TP
Sample : G3136-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02F6

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

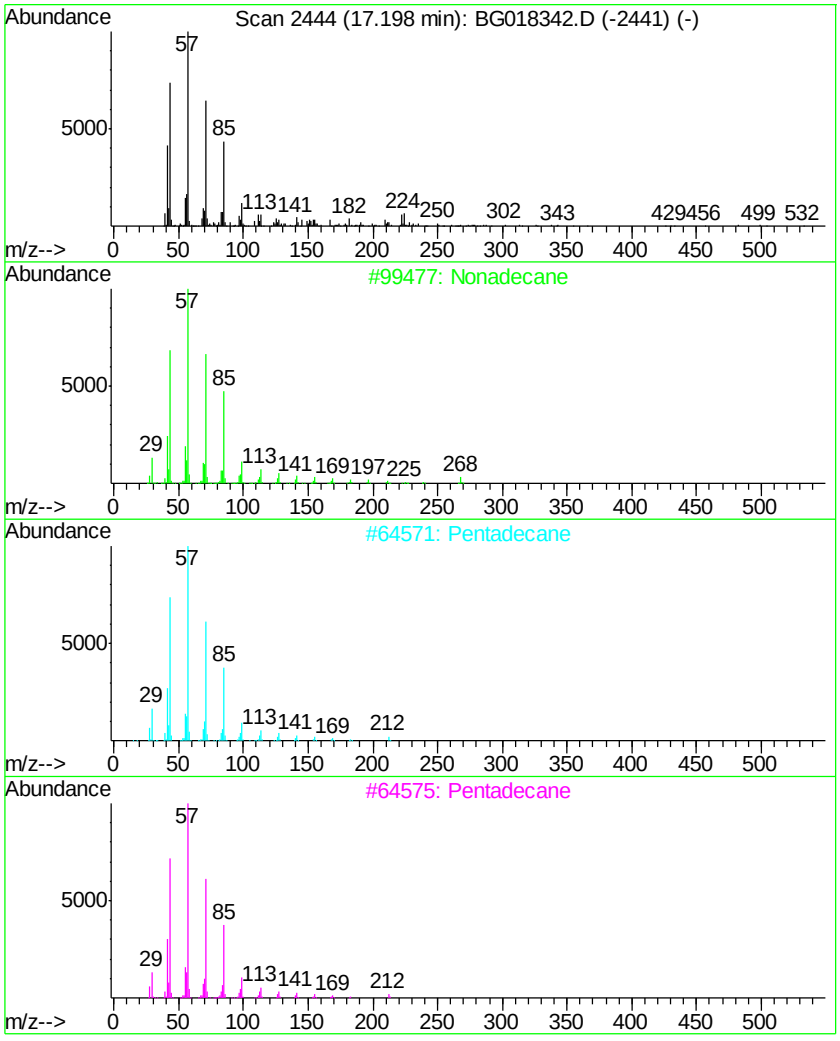
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

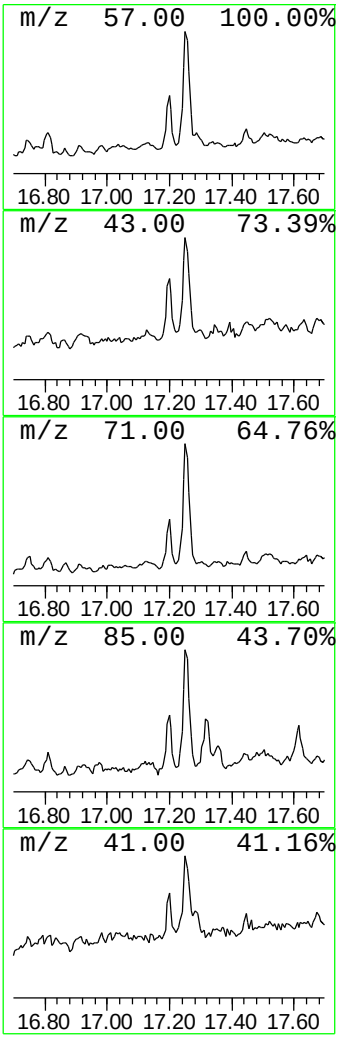
****

Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.20	2.09 ng/ul	296530	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	95
2	Pentadecane	212	C15H32	000629-62-9	92
3	Pentadecane	212	C15H32	000629-62-9	91
4	Heptadecane	240	C17H36	000629-78-7	87
5	Heptacosane	380	C27H56	000593-49-7	83





Data Path : Z:\HPCHEM1\BNA G\DATA\BG080915\
Data File : BG018342.D
Acq On : 9 Aug 2015 23:34
Operator : UM/TP
Sample : G3136-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02F6

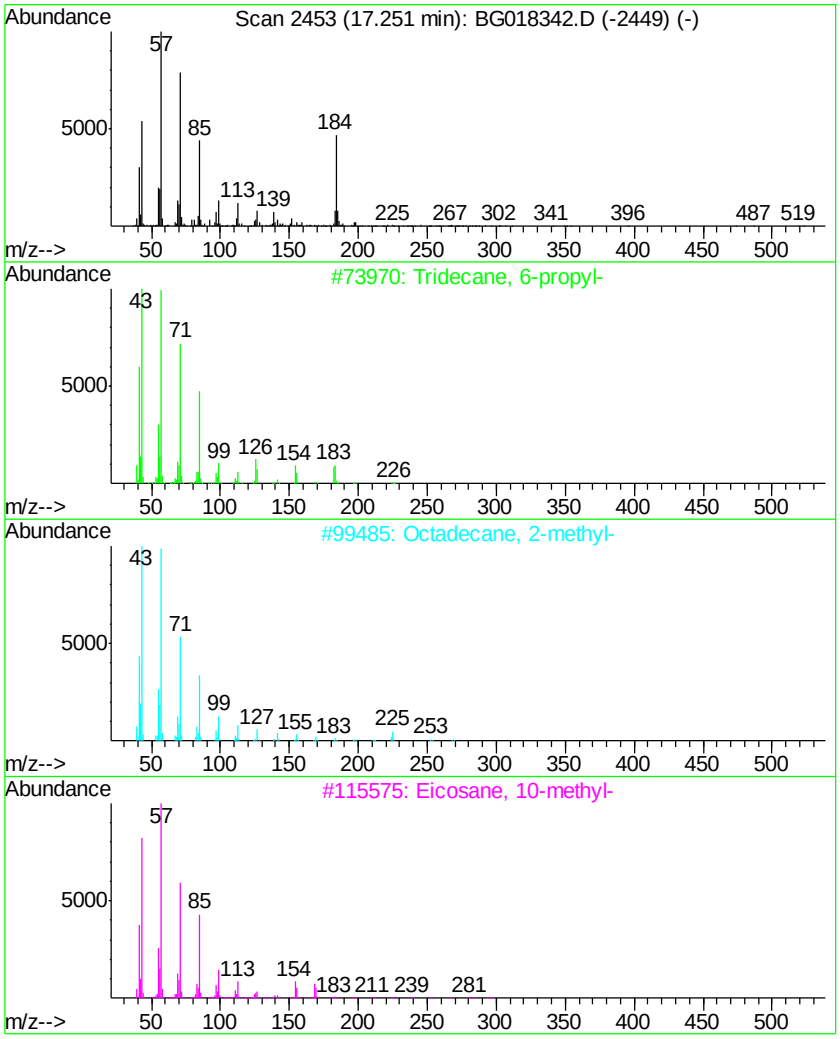
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

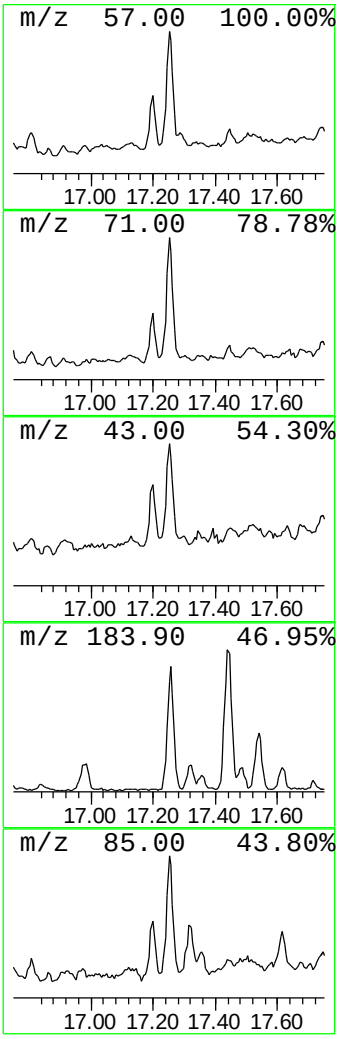
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.25	6.94 ng/ul	982338	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 6-propyl-	226	C16H34	055045-10-8	83
2	Octadecane, 2-methyl-	268	C19H40	001560-88-9	76
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	76
4	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	64
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	64





Data Path : Z:\HPCHEM1\BNA G\DATA\BG080915\
Data File : BG018342.D
Acq On : 9 Aug 2015 23:34
Operator : UM/TP
Sample : G3136-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02F6

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

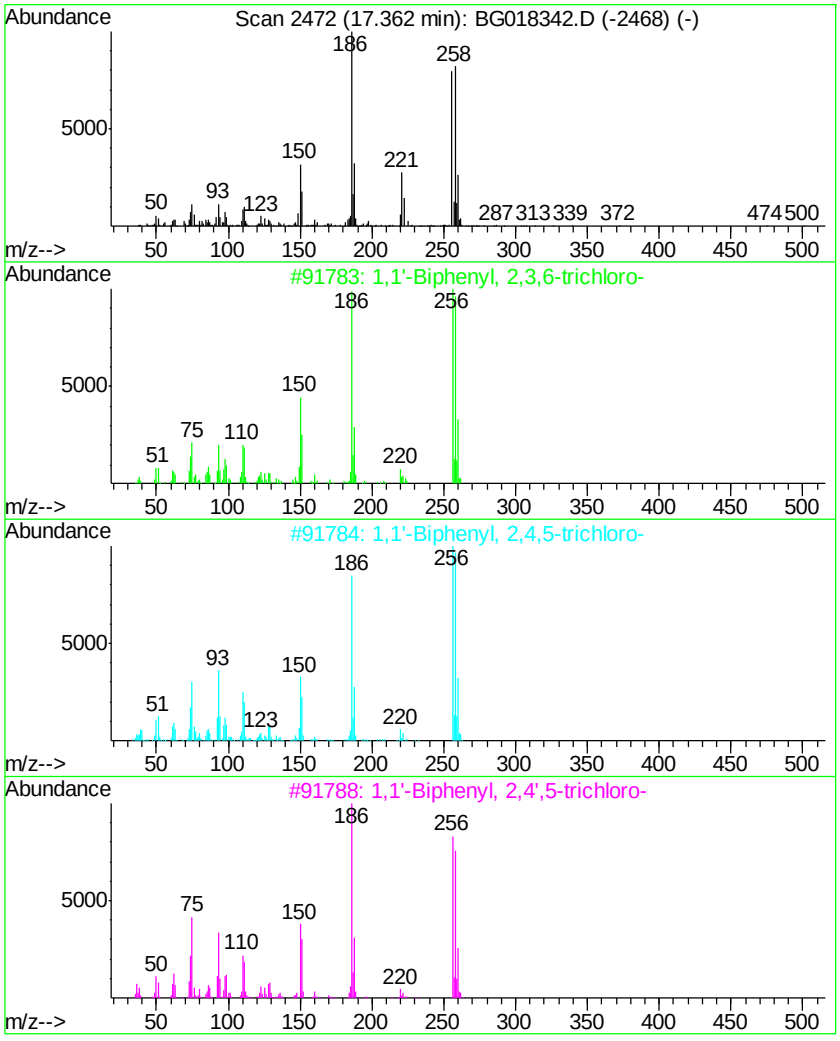
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

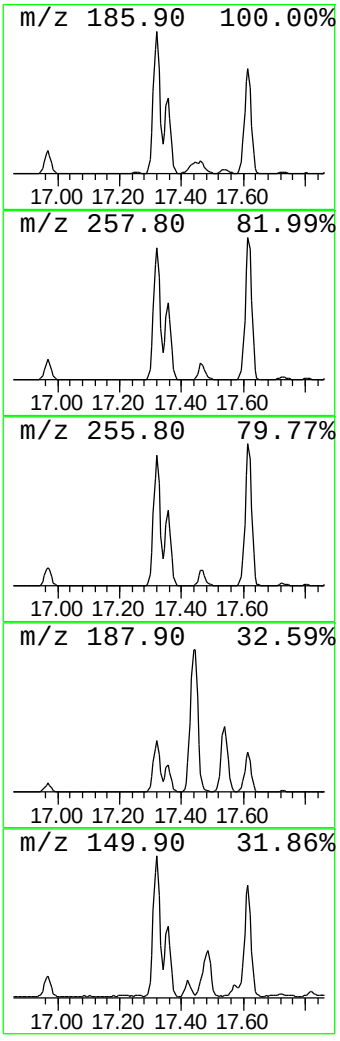
****

Peak Number 29 1,1'-Biphenyl, 2,3,6-trichl... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.36	16.32 ng/ul	2310890	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,6-trichloro-	256	C12H7Cl3	055702-45-9	99
2	1,1'-Biphenyl, 2,4,5-trichloro-	256	C12H7Cl3	015862-07-4	98
3	1,1'-Biphenyl, 2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	98
4	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	97
5	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	96





Data Path : Z:\HPCHEM1\BNA G\DATA\BG080915\
Data File : BG018342.D
Acq On : 9 Aug 2015 23:34
Operator : UM/TP
Sample : G3136-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02F6

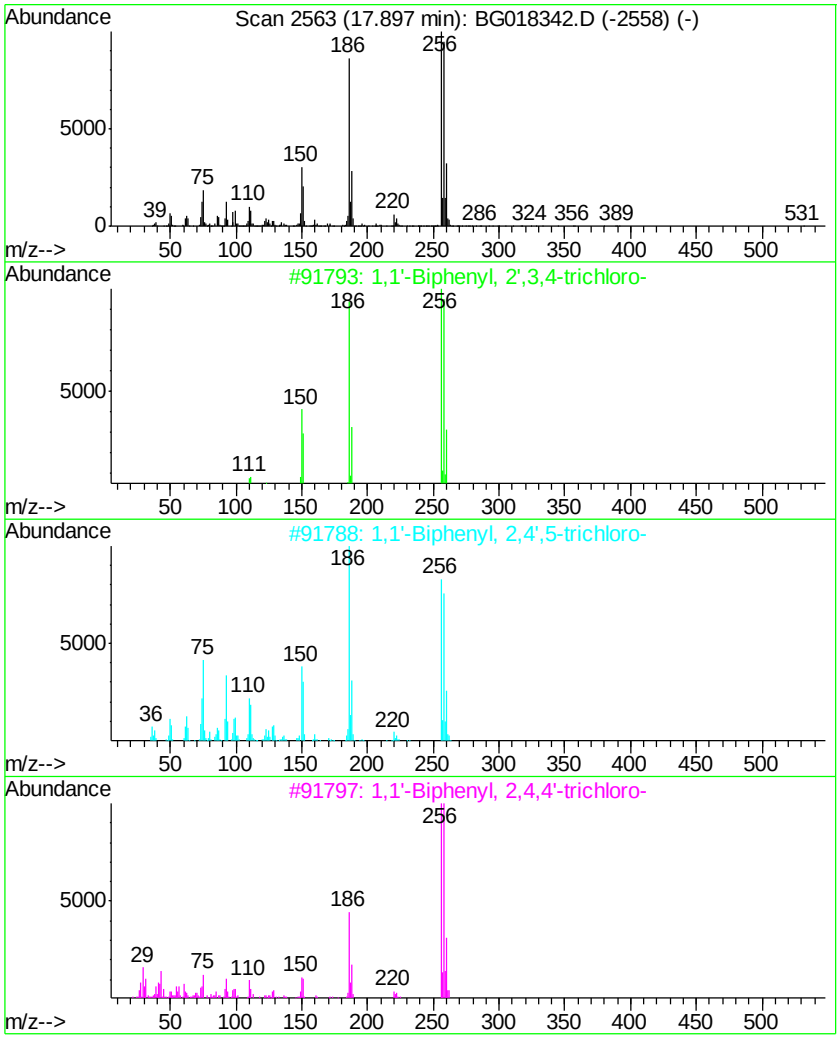
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

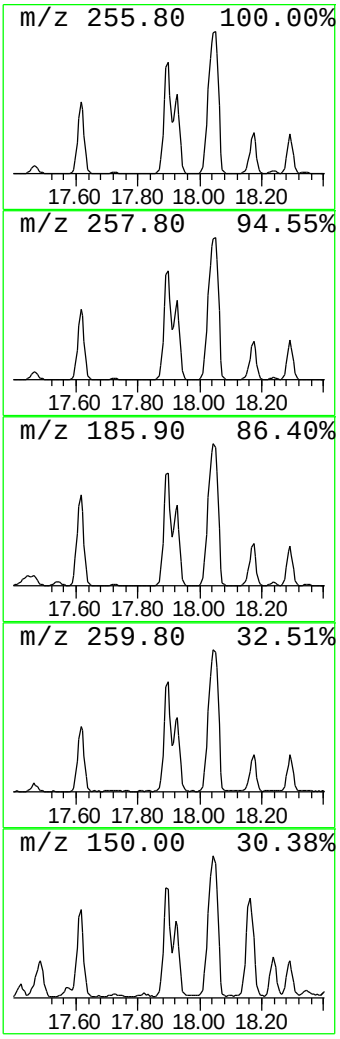
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 1,1'-Biphenyl, 2',3,4-trich... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.90	35.51 ng/ul	5026890	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2',3,4-trichloro-	256	C12H7Cl3	038444-86-9	98
2	1,1'-Biphenyl, 2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	97
3	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	97
4	1,1'-Biphenyl, 2,4,5-trichloro-	256	C12H7Cl3	015862-07-4	96
5	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	96





Data Path : Z:\HPCHEM1\BNA G\DATA\BG080915\
Data File : BG018342.D
Acq On : 9 Aug 2015 23:34
Operator : UM/TP
Sample : G3136-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02F6

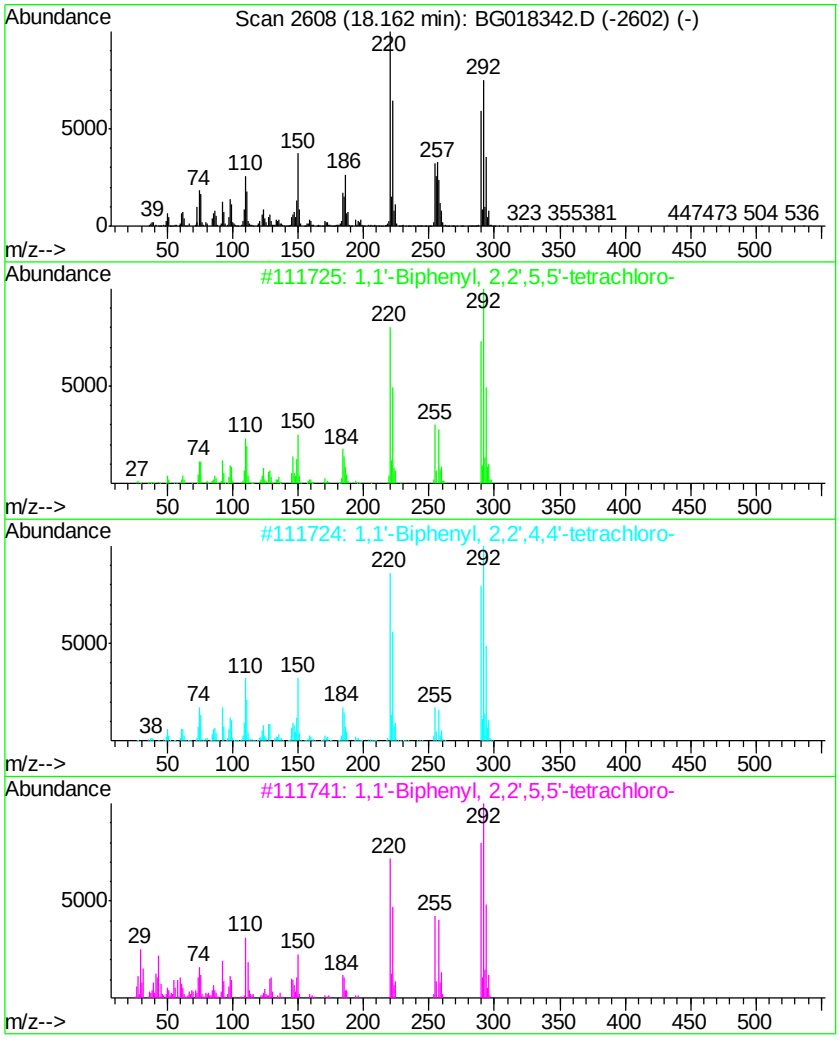
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

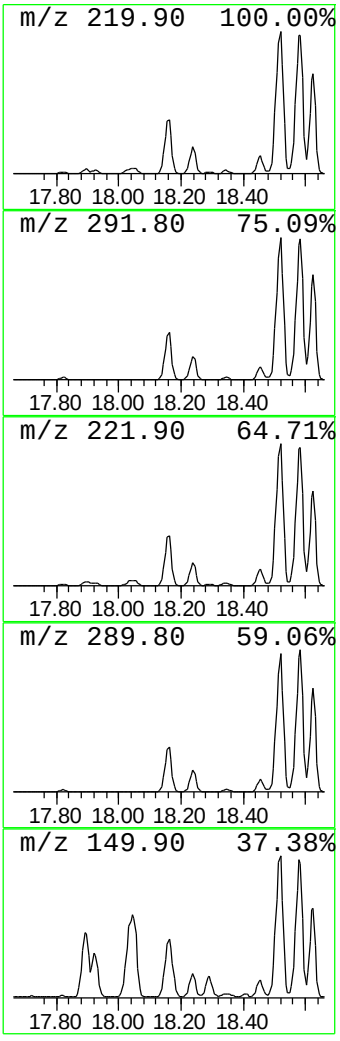
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 1,1'-Biphenyl, 2,2',5,5'-te... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.16	49.63 ng/ul	7026240	Phenanthrene-d10	17.44

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',5,5'-tetrach...	290	C12H6Cl4	035693-99-3	99
4	1,1'-Biphenyl, 2,2',4,6-Tetrachl...	290	C12H6Cl4	062796-65-0	99
5	1,1'-Biphenyl, 2,2',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	99





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080915\
Data File : BG018342.D
Acq On : 9 Aug 2015 23:34
Operator : UM/TP
Sample : G3136-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02F6

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

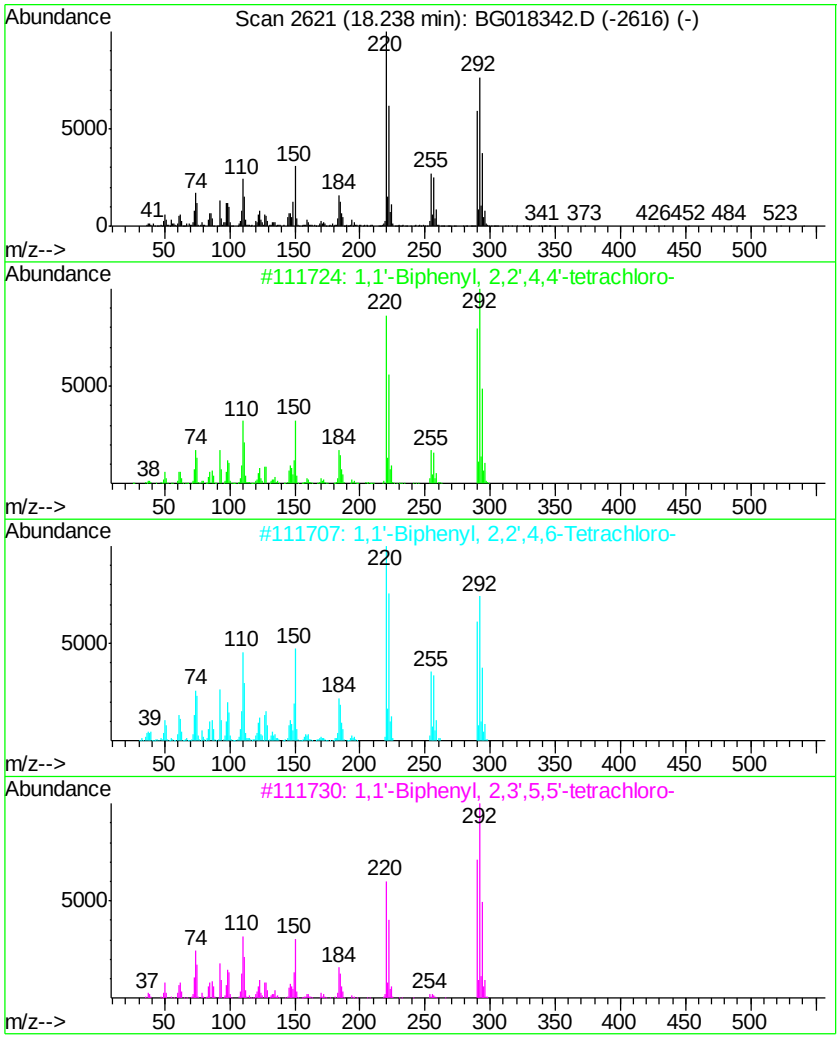
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

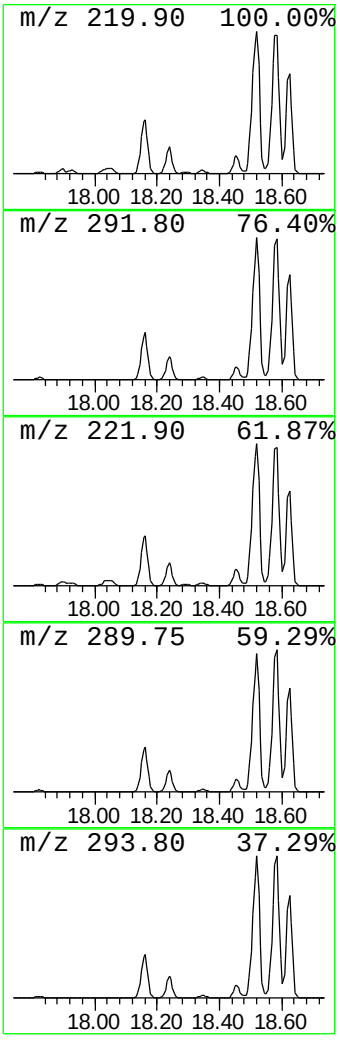
****

Peak Number 34 1,1'-Biphenyl, 2,2',4,4'-te... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.24	17.02 ng/ul	2409040	Phenanthrene-d10	17.44

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',4,6-Tetrachl...	290	C12H6Cl4	062796-65-0	99
3	1,1'-Biphenyl, 2,3',5,5'-tetrach...	290	C12H6Cl4	041464-42-0	99
4	1,1'-Biphenyl, 2,3,4',6-tetrachl...	290	C12H6Cl4	052663-58-8	99
5	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99





Data Path : Z:\HPCHEM1\BNA G\DATA\BG080915\
Data File : BG018342.D
Acq On : 9 Aug 2015 23:34
Operator : UM/TP
Sample : G3136-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02F6

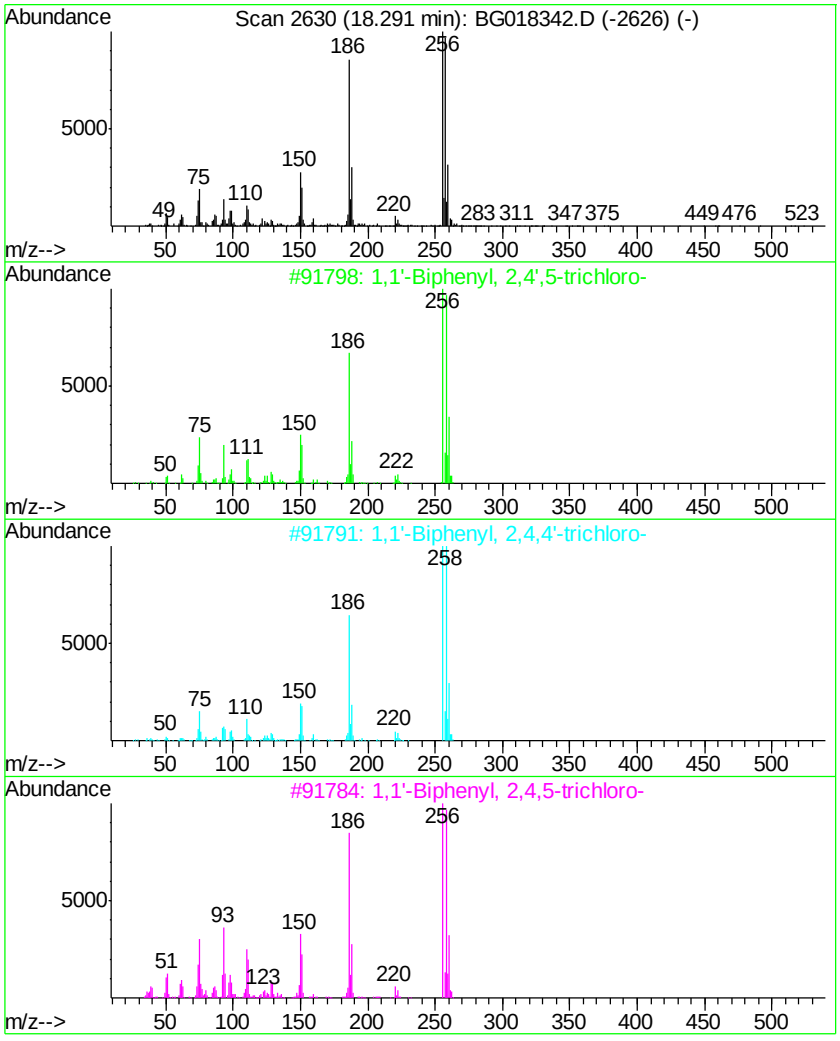
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

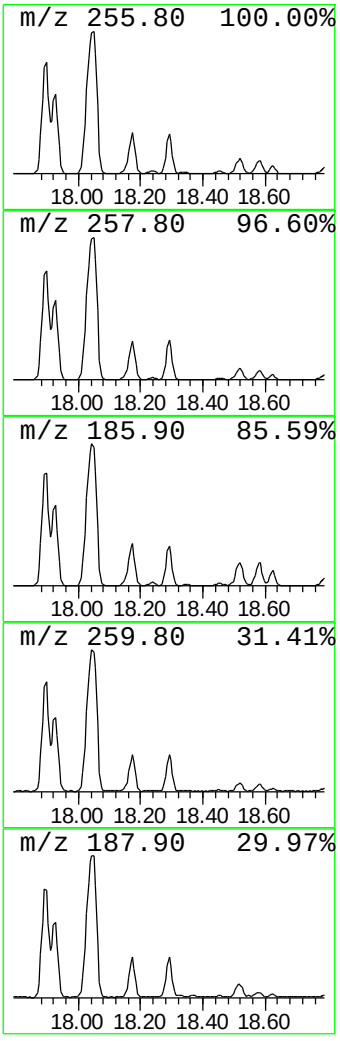
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 35 1,1'-Biphenyl, 2,4',5-trich... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.29	12.85 ng/ul	1818980	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	99
2	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	98
3	1,1'-Biphenyl, 2,4,5-trichloro-	256	C12H7Cl3	015862-07-4	98
4	1,1'-Biphenyl, 2,3,6-trichloro-	256	C12H7Cl3	055702-45-9	97
5	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	96





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080915\
Data File : BG018342.D
Acq On : 9 Aug 2015 23:34
Operator : UM/TP
Sample : G3136-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02F6

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
unknown-01	7.07	6.4	ng/ul	304540	1	8.08	945970	20.0
Benzene, 1-ethyl-...	7.17	8.2	ng/ul	385435	1	8.08	945970	20.0
Benzene, 1,3,5-tr...	7.30	5.7	ng/ul	267737	1	8.08	945970	20.0
Benzene, 1,2,3-tr...	7.73	16.5	ng/ul	781937	1	8.08	945970	20.0
(DEL) Alkane: Str...	9.31	7.8	ng/ul	368917	1	8.08	945970	20.0
Phenol, 2-ethyl-	10.30	5.0	ng/ul	457095	2	10.88	1827380	20.0
Phenol, 3,5-dimet...	10.35	2.7	ng/ul	246996	2	10.88	1827380	20.0
Benzene, 1,2,4-tr...	10.74	10.5	ng/ul	960182	2	10.88	1827380	20.0
(DEL) Alkane: Str...	11.90	2.5	ng/ul	229278	2	10.88	1827380	20.0
Naphthalene, 1,2-...	13.86	3.1	ng/ul	406902	3	14.70	2621120	20.0
Naphthalene, 1,6-...	14.01	3.4	ng/ul	438919	3	14.70	2621120	20.0
unknown-02	14.53	3.3	ng/ul	425303	3	14.70	2621120	20.0
(DEL) Alkane: Str...	14.60	4.4	ng/ul	577903	3	14.70	2621120	20.0
(DEL) Alkane: Cyc...	15.22	2.3	ng/ul	306671	3	14.70	2621120	20.0
unknown-03	15.49	2.8	ng/ul	364792	3	14.70	2621120	20.0
1,1'-Biphenyl, 2,...	15.95	15.5	ng/ul	2029360	3	14.70	2621120	20.0
(DEL) Alkane: Str...	16.43	8.1	ng/ul	1149540	4	17.44	2831280	20.0
1,1'-Biphenyl, 2,...	16.55	10.3	ng/ul	1453460	4	17.44	2831280	20.0
1,1'-Biphenyl, 2,...	16.67	21.6	ng/ul	3064100	4	17.44	2831280	20.0
1,1'-Biphenyl, 2,...	16.97	6.3	ng/ul	886574	4	17.44	2831280	20.0
(DEL) Alkane: Str...	17.20	2.1	ng/ul	296530	4	17.44	2831280	20.0
(DEL) Alkane: Str...	17.25	6.9	ng/ul	982338	4	17.44	2831280	20.0
1,1'-Biphenyl, 2,...	17.36	16.3	ng/ul	2310890	4	17.44	2831280	20.0
1,1'-Biphenyl, 2'...	17.90	35.5	ng/ul	5026890	4	17.44	2831280	20.0
1,1'-Biphenyl, 2,...	18.16	49.6	ng/ul	7026240	4	17.44	2831280	20.0
1,1'-Biphenyl, 2,...	18.24	17.0	ng/ul	2409040	4	17.44	2831280	20.0
1,1'-Biphenyl, 2,...	18.29	12.9	ng/ul	1818980	4	17.44	2831280	20.0