LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121516\
Data File : BG025243.D
Acq On : 16 Dec 2016 11:38
Operator : UM/SJ
Sample : H5995-14 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA882

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.1 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.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	8.860	1018	1025	1036	rBV5	460724	1163534	8.33%	0.460%
2	9.019	1045	1052	1058	rBV2	752015	1458354	10.45%	0.576%
3	9.331	1093	1105	1114	rBV4	511857	1286111	9.21%	0.508%
4	9.425	1114	1121	1128	rVB3	667900	1197119	8.57%	0.473%
5	9.589	1128	1149	1156	rBV3	257779	1138348	8.15%	0.450%
6	9.783	1177	1182	1188	rBV	651417	1135710	8.13%	0.449%
7	10.147	1235	1244	1251	rVB6	368102	908836	6.51%	0.359%
8	10.224	1251	1257	1273	rBV6	1205220	3790969	27.15%	1.497%
9	10.441	1287	1294	1298	rBV4	639511	1493994	10.70%	0.590%
10	10.500	1298	1304	1307	rVV	1192400	2600907	18.63%	1.027%
11	10.535	1307	1310	1317	rVB	1184245	1824262	13.07%	0.721%
12	11.117	1404	1409	1413	rVB	571614	1003326	7.19%	0.396%
13	11.170	1413	1418	1422	rBV2	942849	1437589	10.30%	0.568%
14	11.299	1436	1440	1452	rVB4	496515	1369392	9.81%	0.541%
15	11.422	1453	1461	1465	rBV4	740443	1643149	11.77%	0.649%
16	11.469	1465	1469	1476	rVB2	753365	1191711	8.54%	0.471%
17	11.593	1485	1490	1495	rBV	861829	1451841	10.40%	0.573%
18	11.645	1495	1499	1507	rBV7	349655	953588	6.83%	0.377%
19	11.734	1507	1514	1524	rVB9	825677	2256585	16.16%	0.891%
20	11.886	1524	1540	1545	rBV2	2421396	5715630	40.94%	2.258%
21	12.021	1557	1563	1568	rBV2	1397501	2323527	16.64%	0.918%
22	12.080	1568	1573	1577	rVV4	803557	1537020	11.01%	0.607%
23	12.133	1577	1582	1591	rVB5	573654	1342155	9.61%	0.530%
24	12.415	1626	1630	1640	rBV5	892383	2369769	16.97%	0.936%
25	12.633	1660	1667	1674	rVB4	635763	2042592	14.63%	0.807%
26	12.709	1674	1680	1685	rBV	2644278	4662919	33.40%	1.842%
27	12.832	1696	1701	1712	rBV4	857640	2291765	16.41%	0.905%
28	12.926	1712	1717	1723	rVB	1763645	3011807	21.57%	1.190%
29	13.014	1724	1732	1734	rBV6	490139	1072467	7.68%	0.424%
30	13.056	1734	1739	1744	rVV4	1134493	2722506	19.50%	1.075%
31	13.120	1744	1750	1760	rVB10	875970	3371688	24.15%	1.332%
32	13.214	1761	1766	1771	rBV6	966078	1696987	12.15%	0.670%
33	13.302	1771	1781	1785	rVV7	746760	2257492	16.17%	0.892%
34	13.355	1785	1790	1802	rVB3	2541272	4780301	34.24%	1.888%

LSC Area Percent Report

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Data File : BG025243.D
Acq On : 16 Dec 2016 11:38
Operator : UM/SJ
Sample : H5995-14 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA882

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.1 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Title : SVOA CALIBRATION

35	13.567	1814	1826	1828	rBV6	365328	1383603	9.91%	0.547%
36	13.643	1832	1839	1845	rBV3	1181631	2848958	20.41%	1.125%
37	13.796	1861	1865	1870	rVB5	561143	951600	6.82%	0.376%
38	13.896	1877	1882	1893	rBV2	1001820	2004094	14.35%	0.792%
39	14.043	1897	1907	1915	rBV5	2599973	7629120	54.64%	3.013%
40	14.137	1916	1923	1925	rBV3	943988	1591564	11.40%	0.629%
41	14.190	1925	1932	1937	rBV	3248291	7264903	52.03%	2.870%
42	14.242	1937	1941	1944	rBV	2237835	3112968	22.30%	1.230%
43	14.295	1945	1950	1955	rVB3	3067788	5606857	40.16%	2.215%
44	14.354	1955	1960	1965	rBV6	805865	1589947	11.39%	0.628%
45	14.425	1966	1972	1975	rBV2	1258531	2093928	15.00%	0.827%
46	14.501	1982	1985	1988	rVB3	970703	1253863	8.98%	0.495%
47	14.589	1989	2000	2005	rBV4	1744990	3930104	28.15%	1.552%
48	14.671	2008	2014	2018	rBV4	923612	1613406	11.56%	0.637%
49	14.707	2018	2020	2028	rVB3	768863	1451863	10.40%	0.573%
50	14.783	2028	2033	2036	rBV4	758321	1337914	9.58%	0.528%
51	14.824	2036	2040	2045	rBV5	1019753	1592772	11.41%	0.629%
52	14.906	2050	2054	2057	rBV4	742576	968925	6.94%	0.383%
53	15.059	2074	2080	2088	rVB2	1747731	4266737	30.56%	1.685%
54	15.147	2089	2095	2101	rBV6	1212946	3042844	21.79%	1.202%
55	15.200	2101	2104	2107	rVV2	757246	931621	6.67%	0.368%
56	15.253	2107	2113	2118	rVV3	2330517	4115108	29.47%	1.625%
57	15.329	2120	2126	2134	rVB3	2421023	4581783	32.82%	1.810%
58	15.470	2144	2150	2155	rBV	2075412	4442970	31.82%	1.755%
59	15.523	2155	2159	2168	rVB3	2152986	4491537	32.17%	1.774%
60	15.647	2170	2180	2184	rBV5	2281501	6576308	47.10%	2.598%
61	15.764	2195	2200	2206	rBV6	501035	1347062	9.65%	0.532%
62	15.893	2213	2222	2227	rBV4	1903876	4513974	32.33%	1.783%
63	15.940	2228	2230	2236	rVB3	967621	1341337	9.61%	0.530%
64	16.058	2242	2250	2254	rBV2	3740910	7214789	51.68%	2.850%
65	16.105	2255	2258	2263	rVB4	845324	1263002	9.05%	0.499%
66	16.164	2264	2268	2271	rBV6	556154	992511	7.11%	0.392%
67	16.205	2272	2275	2283	rVB7	881006	1686173	12.08%	0.666%
68	16.275	2283	2287	2295	rBV6	1092048	2644652	18.94%	1.045%
69	16.452	2313	2317	2323	rVB8	653745	1290956	9.25%	0.510%
70	16.534	2323	2331	2344	rBV3	5909705	13961613	100.00%	5.515%
71	16.910	2388	2395	2400	rVB7	1741951	3816369	27.33%	1.507%

LSC Area Percent Report

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Acq On : 16 Dec 2016 11:38
Operator : UM/SJ
Sample : H5995-14 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA882

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.1 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Title : SVOA CALIBRATION

72	16.963	2400	2404	2409	rBV3	1717677	2787801	19.97%	1.101%
73	17.016	2410	2413	2418	rVB5	763986	1028269	7.36%	0.406%
74	17.133	2427	2433	2447	rVB5	1031915	3758638	26.92%	1.485%
75	17.304	2458	2462	2465	rBV2	893920	1094738	7.84%	0.432%
76	17.351	2465	2470	2475	rVB	3132368	4611484	33.03%	1.822%
77	17.445	2482	2486	2492	rVB4	861098	1716162	12.29%	0.678%
78	17.615	2507	2515	2518	rBV4	772234	1911782	13.69%	0.755%
79	17.656	2519	2522	2533	rVB	1227549	2348011	16.82%	0.927%
80	17.791	2539	2545	2550	rBV5	812046	1755997	12.58%	0.694%
81	17.956	2570	2573	2577	rVB2	794650	1034726	7.41%	0.409%
82	18.038	2583	2587	2593	rVB2	1176449	1549039	11.09%	0.612%
83	18.455	2653	2658	2661	rBV3	1474782	2328638	16.68%	0.920%
84	18.526	2667	2670	2675	rVB	1061163	1761058	12.61%	0.696%
85	18.667	2688	2694	2699	rVV6	784283	1938975	13.89%	0.766%
86	18.720	2699	2703	2709	rVB2	1185257	1620246	11.61%	0.640%
87	19.378	2812	2815	2820	rVB	747970	915024	6.55%	0.361%
88	19.824	2886	2891	2898	rBV	940147	2018797	14.46%	0.797%
89	19.912	2899	2906	2912	rVB3	1328703	2597642	18.61%	1.026%
90	20.441	2989	2996	3001	rVB2	1098104	1610468	11.53%	0.636%
91	20.935	3074	3080	3091	rVB2	932360	2715226	19.45%	1.072%
92	21.457	3166	3169	3178	rVB2	859822	1441485	10.32%	0.569%
93	21.904	3240	3245	3252	rVB	950913	1636112	11.72%	0.646%
94	22.873	3406	3410	3423	rVB4	481444	1125817	8.06%	0.445%
95	23.349	3486	3491	3504	rVB6	814830	2379606	17.04%	0.940%
96	25.347	3822	3831	3842	rVB3	498781	1765342	12.64%	0.697%
97	25.911	3920	3927	3944	rVB4	622392	1884057	13.49%	0.744%
98	26.363	3996	4004	4016	rVB9	464397	1599670	11.46%	0.632%
99	26.557	4030	4037	4048	rVB5	678160	2063956	14.78%	0.815%
100	27.186	4124	4144	4162	rVB10	1358824	6918410	49.55%	2.733%

Sum of corrected areas: 253168861

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121516\
Data File : BG025243.D
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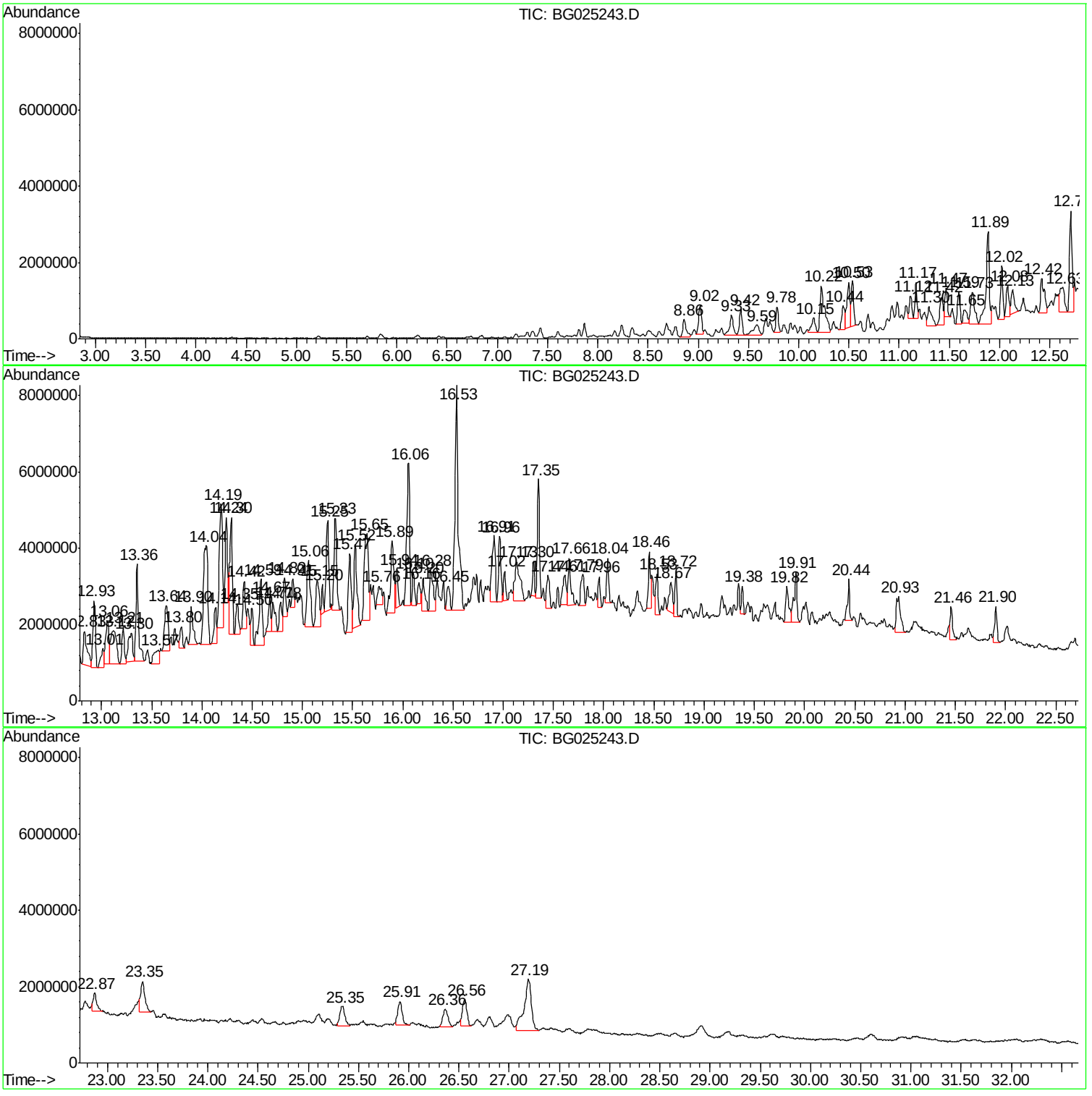
Operator : UM/SJ
Sample : H5995-14 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DA882

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

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Acq On : 16 Dec 2016 11:38
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Instrument : BNA_G
ClientSampleId : DA882

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

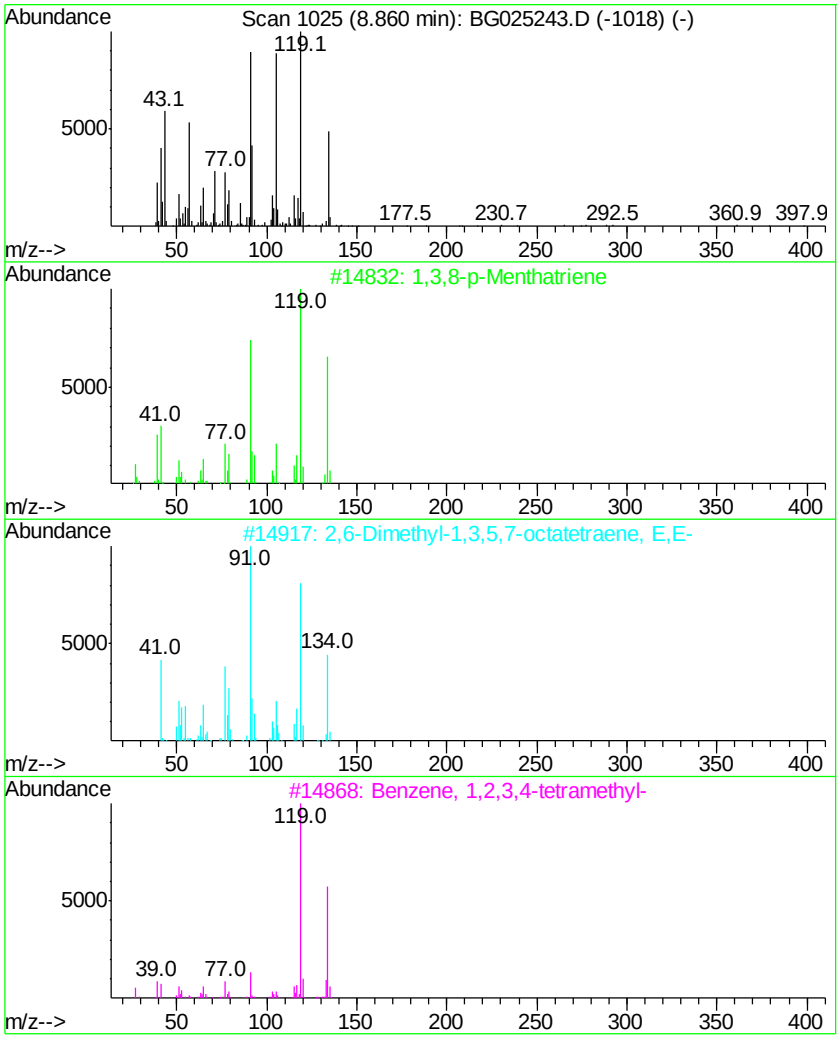
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

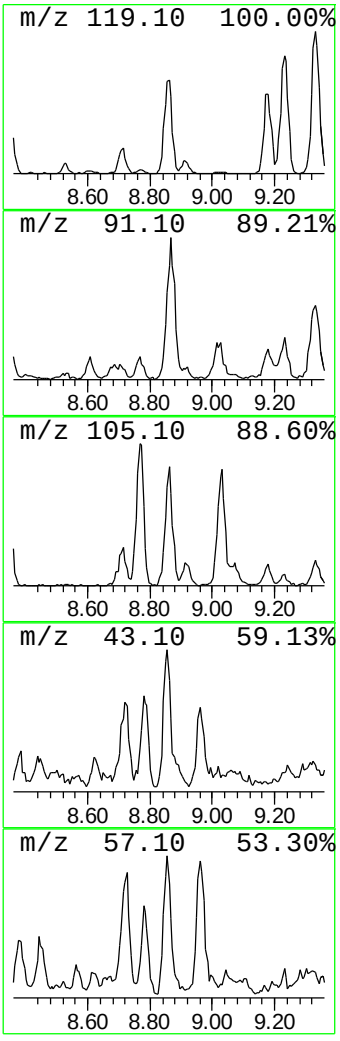
****

Peak Number 1 1,3,8-p-Menthatriene Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.86	20.00 ng/ul	1163530	1,4-Dichlorobenzene-d4	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,8-p-Menthatriene	134	C10H14	018368-95-1	81
2	2,6-Dimethyl-1,3,5,7-octatetraen...	134	C10H14	000460-01-5	76
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	70
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	70
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	70





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121516\
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Acq On : 16 Dec 2016 11:38
Operator : UM/SJ
Sample : H5995-14 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA882

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

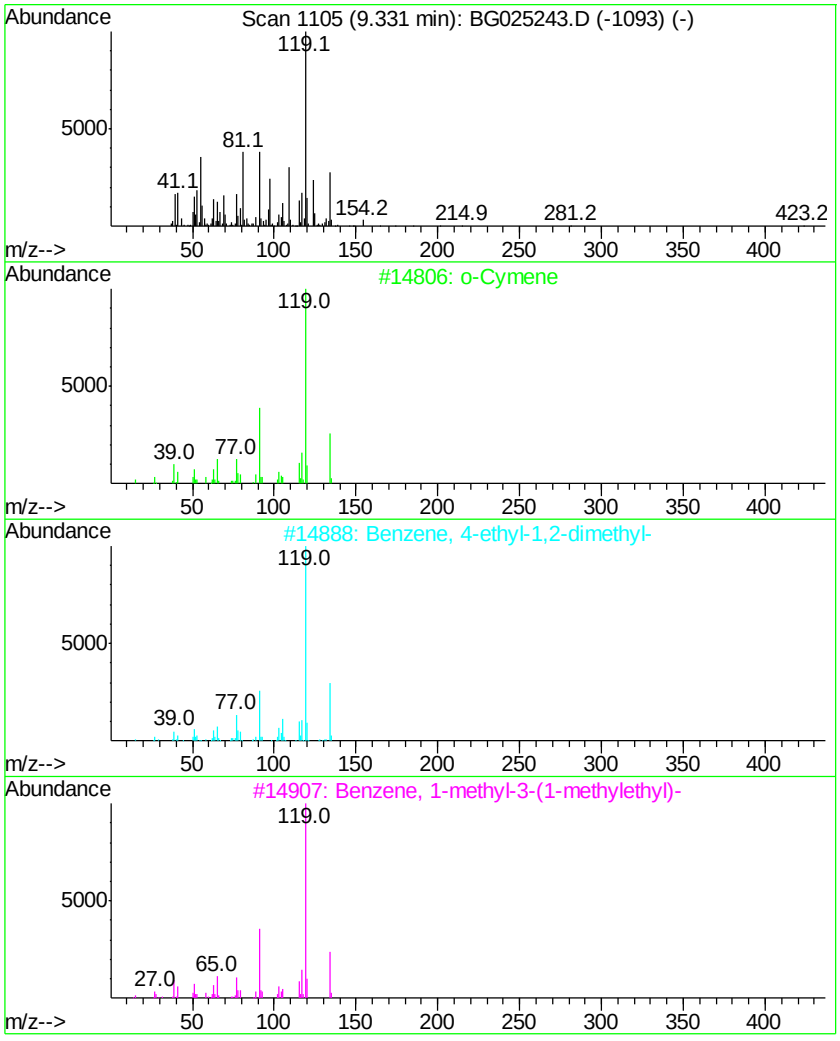
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

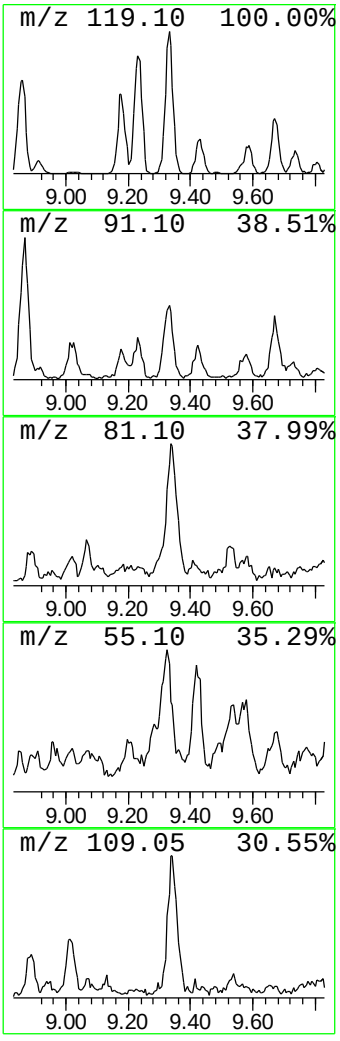
****

Peak Number 2 o-Cymene Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.33	22.11 ng/ul	1286110	1,4-Dichlorobenzene-d4	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	93
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	93
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	92
4	p-Cymene	134	C10H14	000099-87-6	91
5	o-Cymene	134	C10H14	000527-84-4	83





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ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA882

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

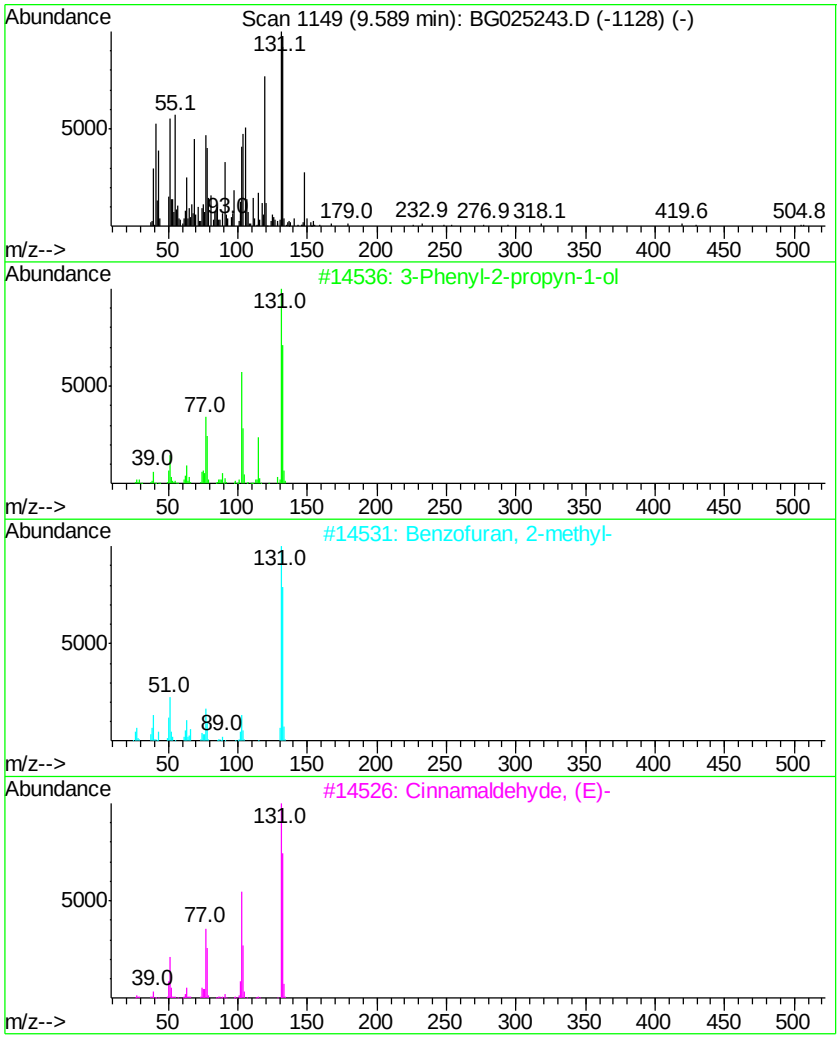
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

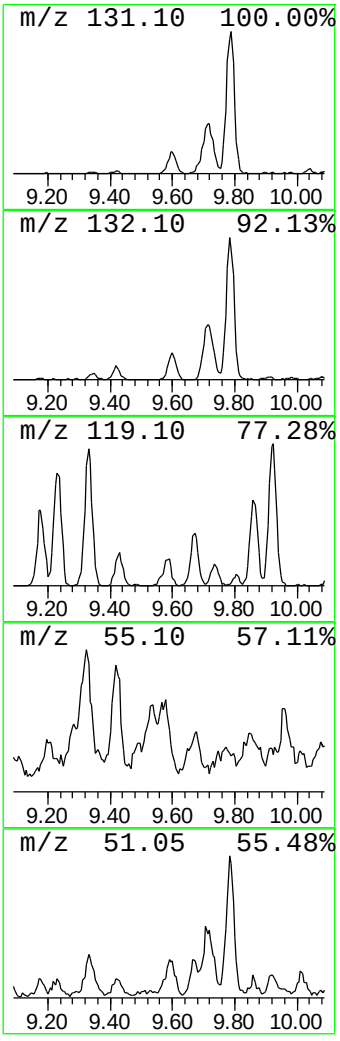
****

Peak Number 3 3-Phenyl-2-propyn-1-ol Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.59	19.57 ng/ul	1138350	1,4-Dichlorobenzene-d4	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	70
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	70
3	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	70
4	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	64
5	Alpha-aminophenylacetonitrile	132	C8H8N2	016750-42-8	62





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121516\
Data File : BG025243.D
Acq On : 16 Dec 2016 11:38
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Sample : H5995-14 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA882

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

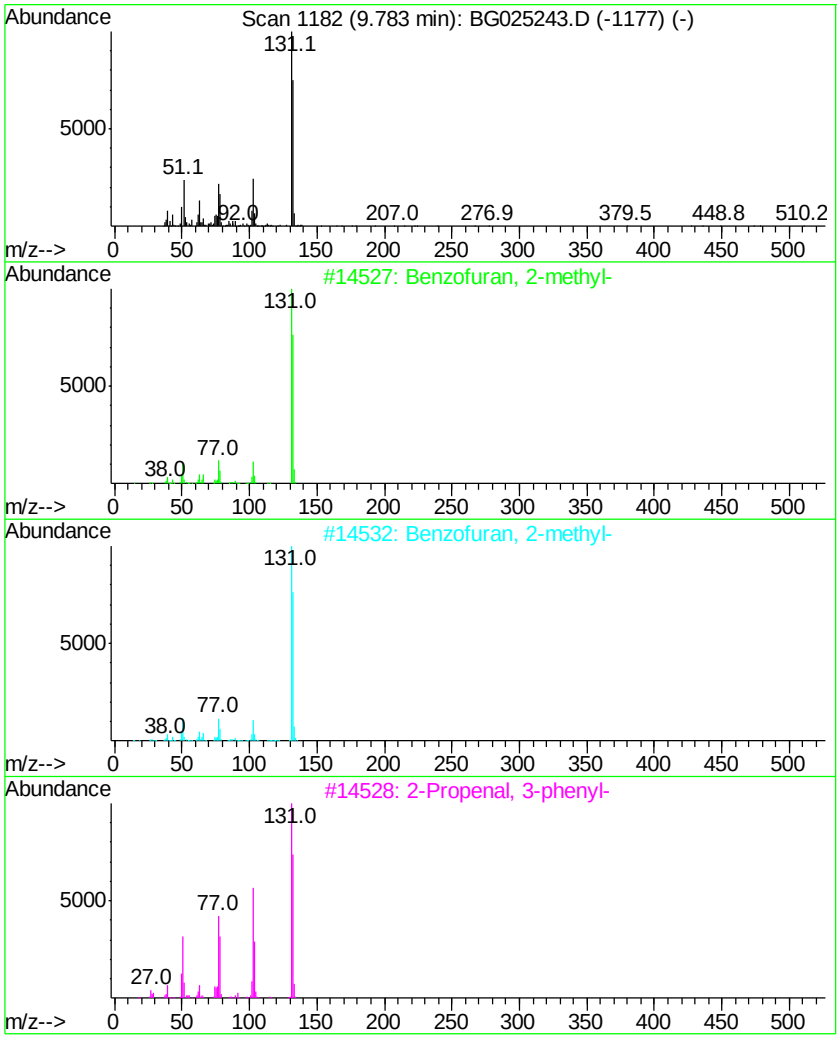
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

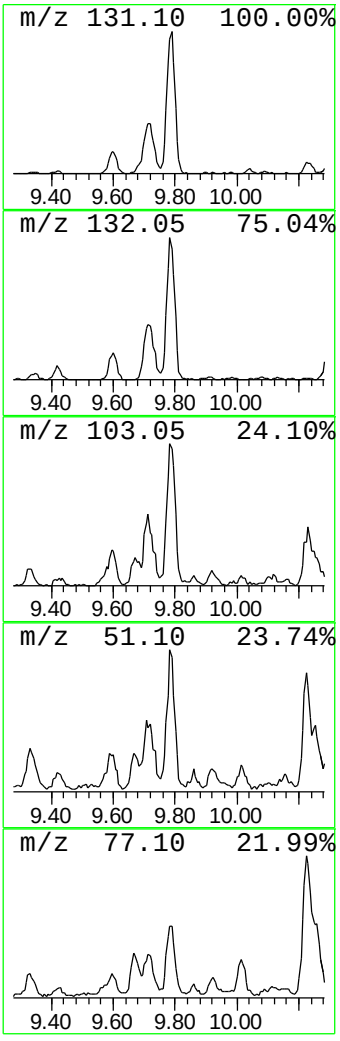
****

Peak Number 4 Benzofuran, 2-methyl- Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.78	22.64 ng/ul	1135710	Naphthalene-d8	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	94
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	94
3	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	91
4	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	91
5	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91





Library Search Compound Report

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Data File : BG025243.D
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Operator : UM/SJ
Sample : H5995-14 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA882

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

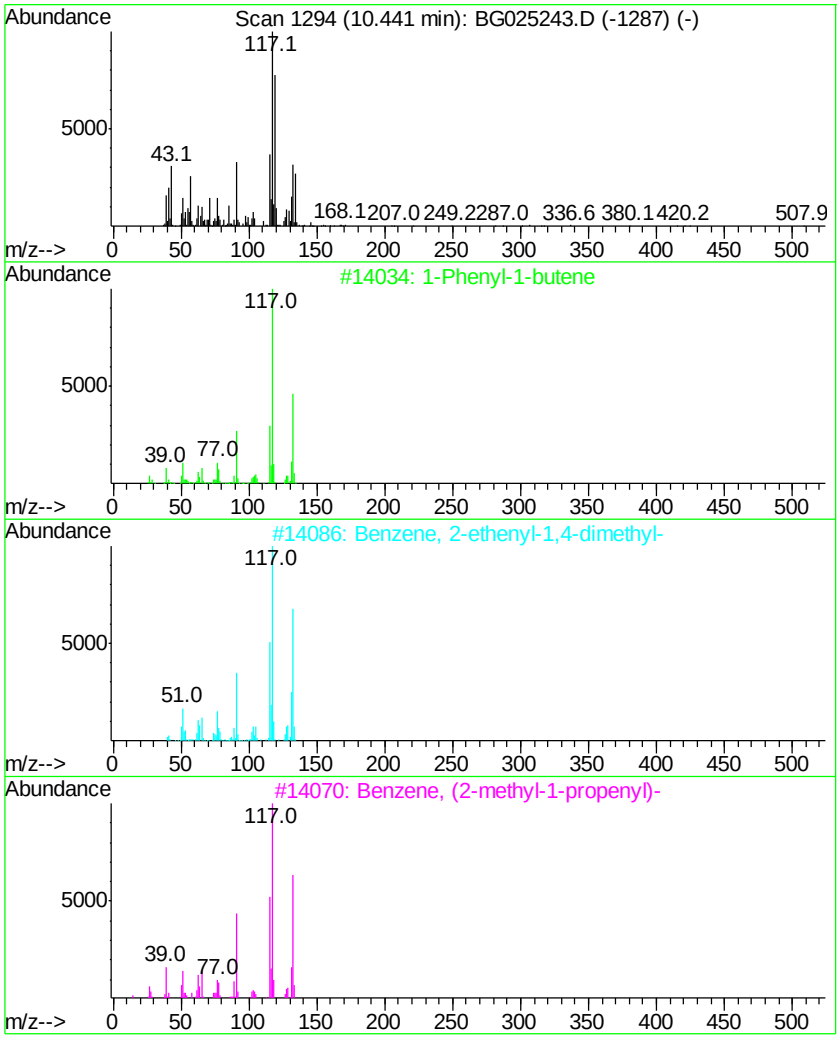
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

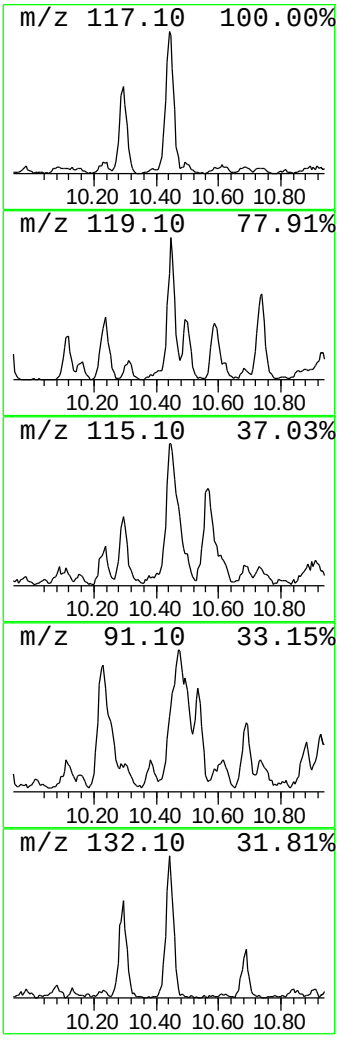
****

Peak Number 5 1-Phenyl-1-butene Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.44	29.78 ng/ul	1493990	Naphthalene-d8	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	55
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	55
3	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	55
4	o-Cymene	134	C10H14	000527-84-4	50
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	50





Library Search Compound Report

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Operator : UM/SJ
Sample : H5995-14 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA882

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

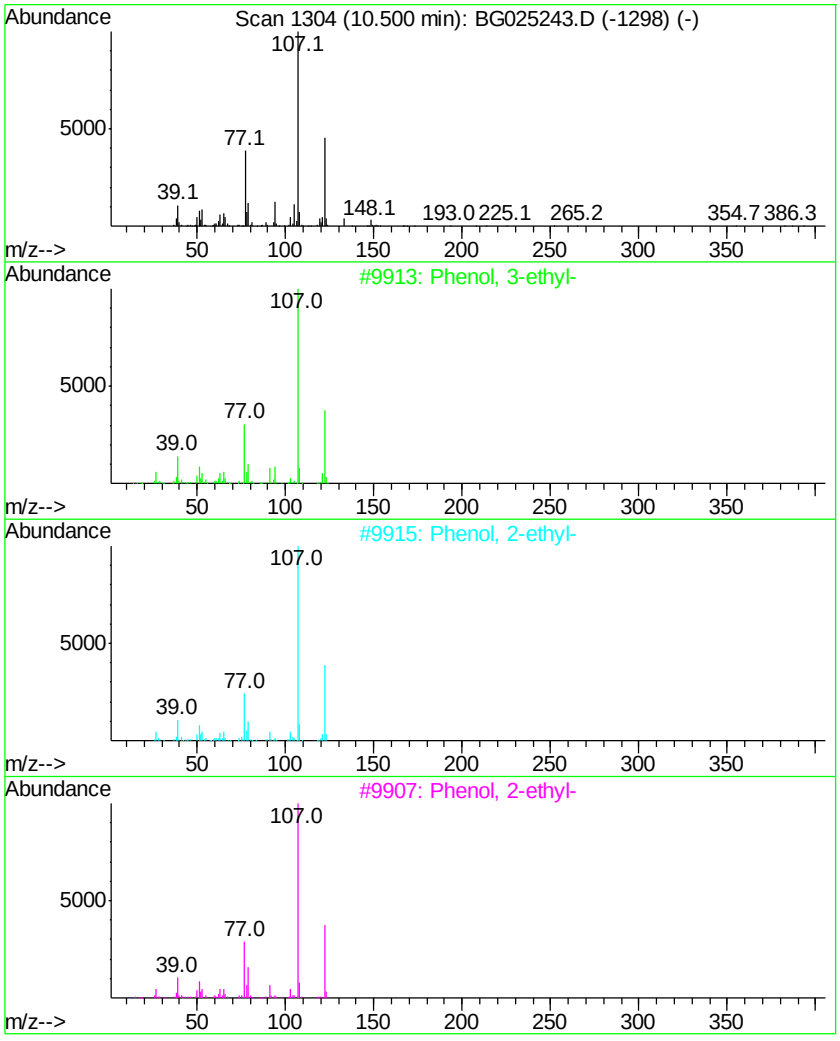
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

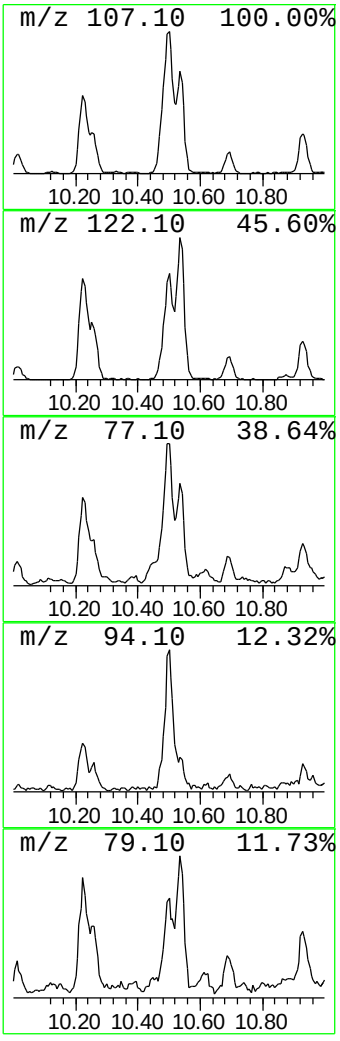
****

Peak Number 6 Phenol, 3-ethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.50	51.85 ng/ul	2600910	Naphthalene-d8	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	91
2	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	87
3	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	83
4	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	80
5	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	80





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Sample : H5995-14 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA882

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

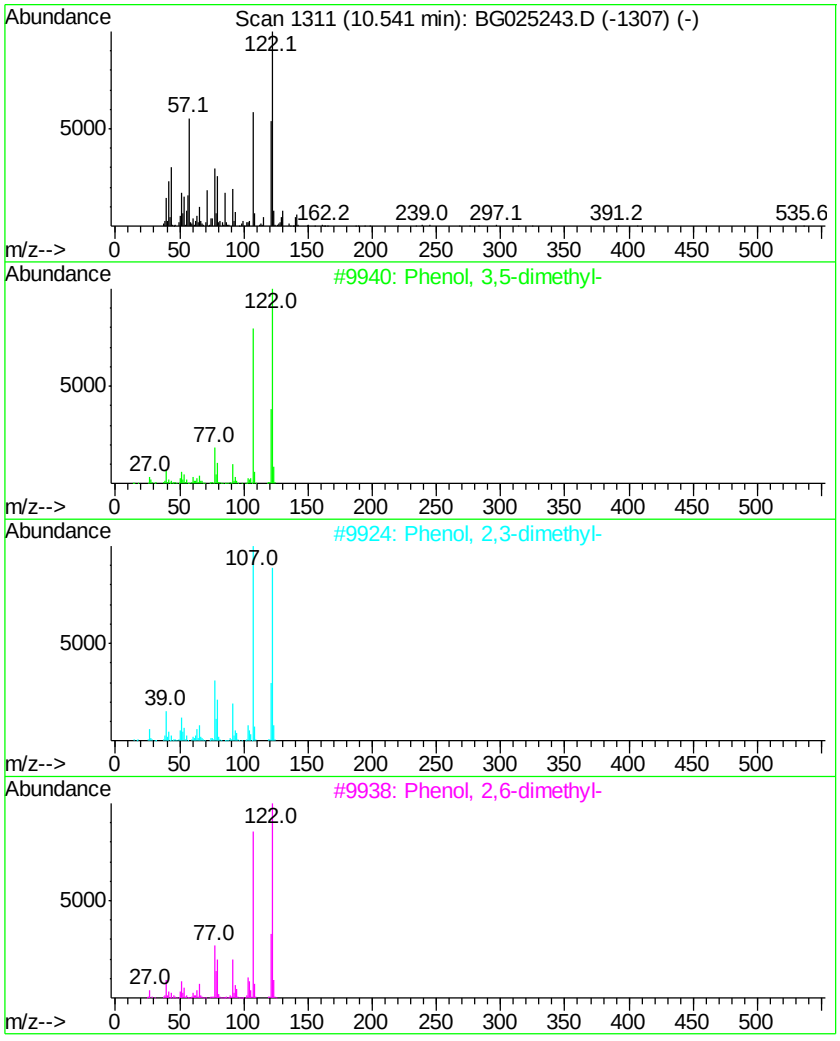
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

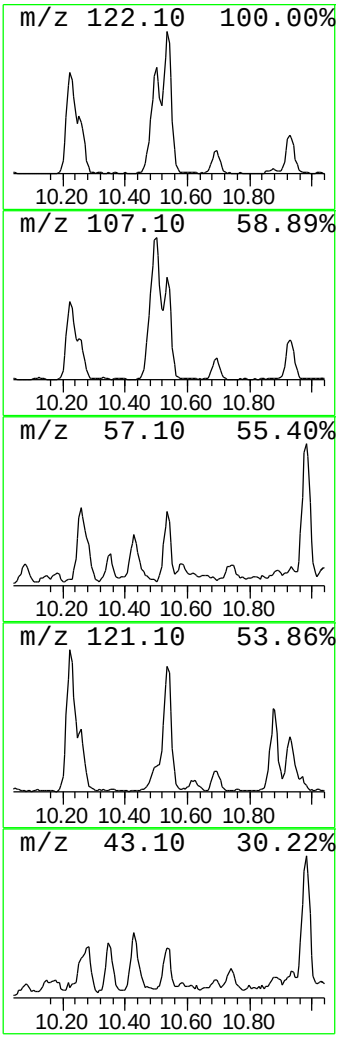
****

Peak Number 7 Phenol, 3,5-dimethyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.54	36.36 ng/ul	1824260	Naphthalene-d8	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	83
2	Phenol, 2,3-dimethyl-	122	C8H10O	000526-75-0	72
3	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	72
4	Phenol, 2,5-dimethyl-	122	C8H10O	000095-87-4	72
5	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	64





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Instrument : BNA_G
ClientSampleId : DA882

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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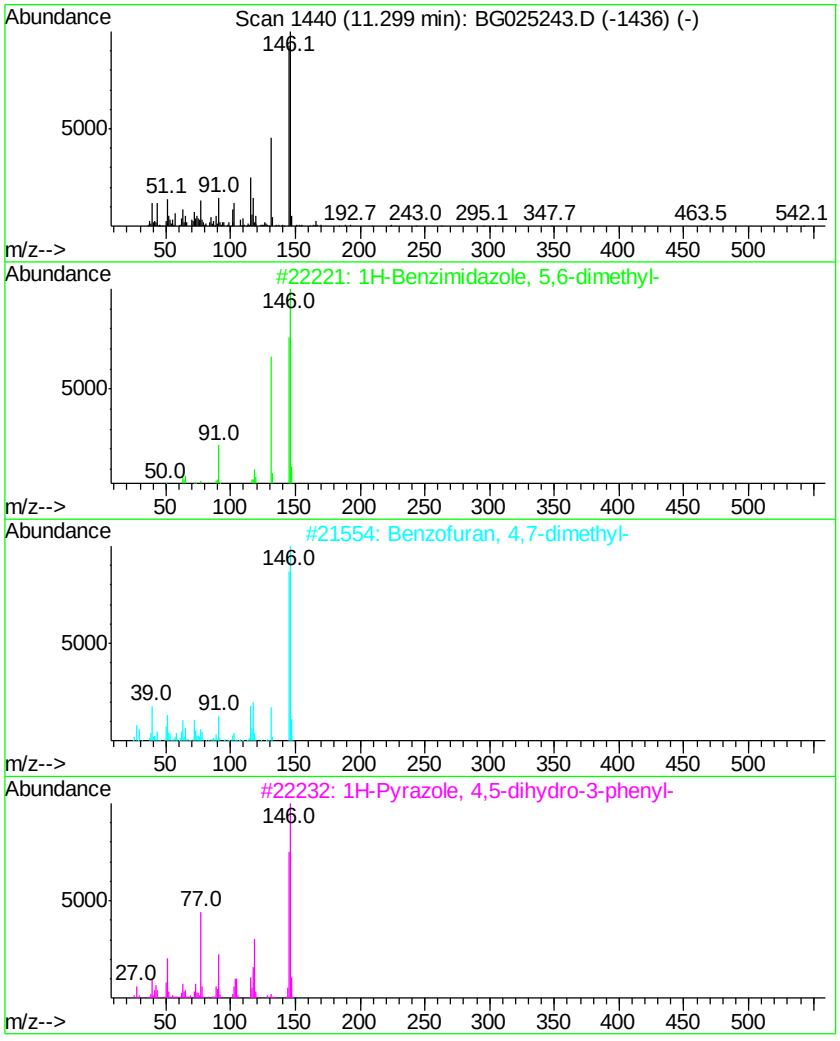
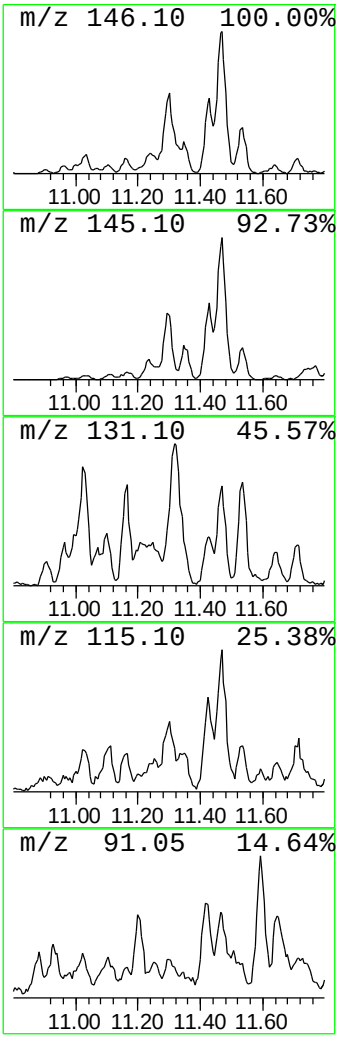
Peak Number 8 1H-Benzimidazole, 5,6-dimet... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.30	27.30 ng/ul	1369390	Naphthalene-d8	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzimidazole, 5,6-dimethyl-	146	C9H10N2	000582-60-5	64
2	Benzofuran, 4,7-dimethyl-	146	C10H10O	028715-26-6	59
3	1H-Pyrazole, 4,5-dihydro-3-phenyl-	146	C9H10N2	000936-48-1	59
4	2-Thiophenecarboxaldehyde, 5-chl...	146	C5H3ClOS	007283-96-7	50
5	1,2-Dimethylbenzimidazole	146	C9H10N2	002876-08-6	49





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Operator : UM/SJ
Sample : H5995-14 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA882

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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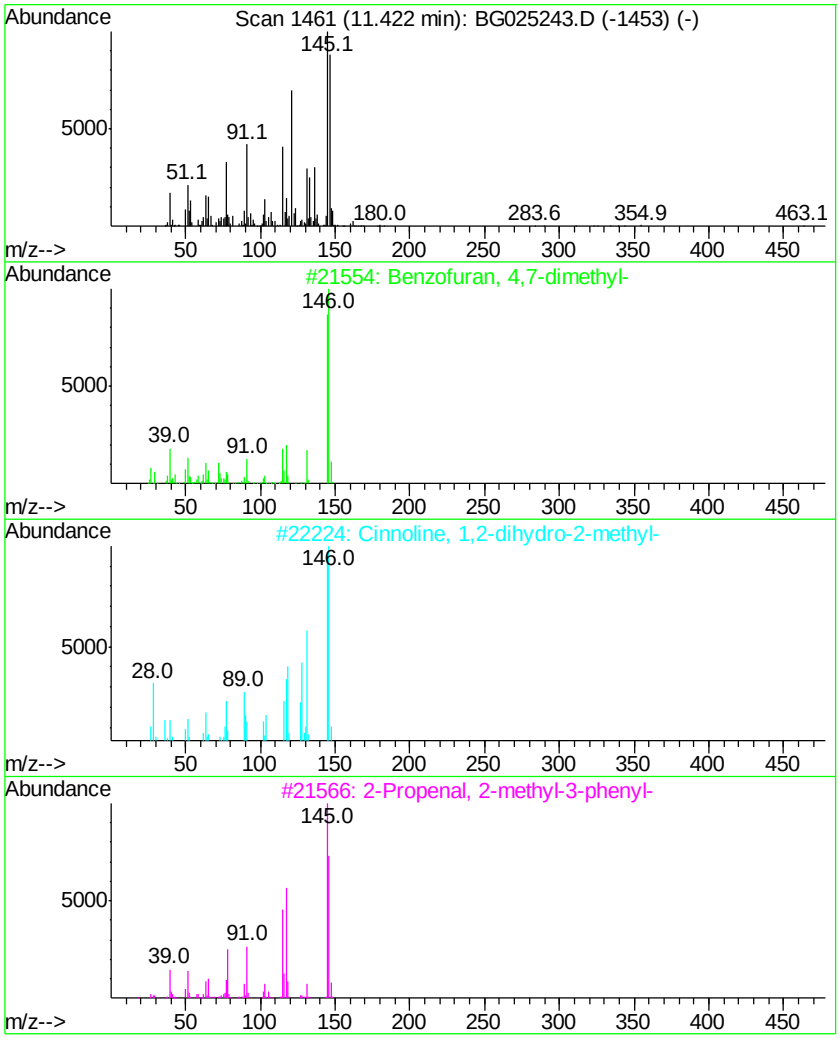
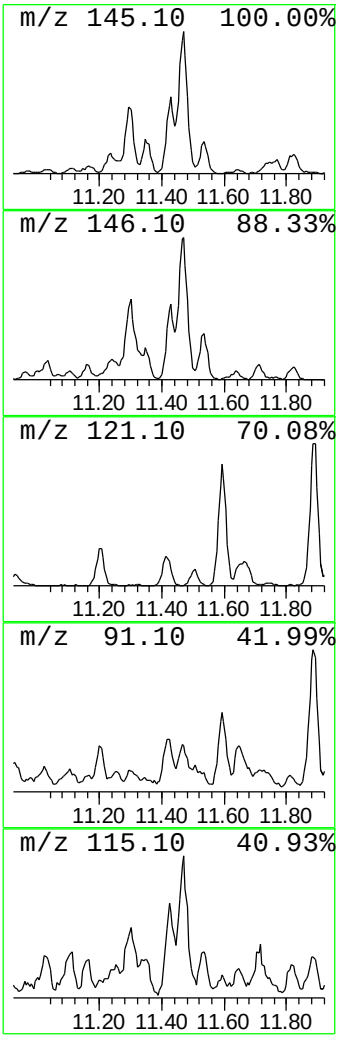
Peak Number 9 Benzofuran, 4,7-dimethyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.42	32.75 ng/ul	1643150	Naphthalene-d8	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 4,7-dimethyl-	146	C10H10O	028715-26-6	68
2	Cinnoline, 1,2-dihydro-2-methyl-	146	C9H10N2	054063-10-4	58
3	2-Propenal, 2-methyl-3-phenyl-	146	C10H10O	000101-39-3	58
4	1H-Benzimidazole, 2-ethyl-	146	C9H10N2	001848-84-6	53
5	1H-Indazole, 3,6-dimethyl-	146	C9H10N2	007746-28-3	50





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Sample : H5995-14 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA882

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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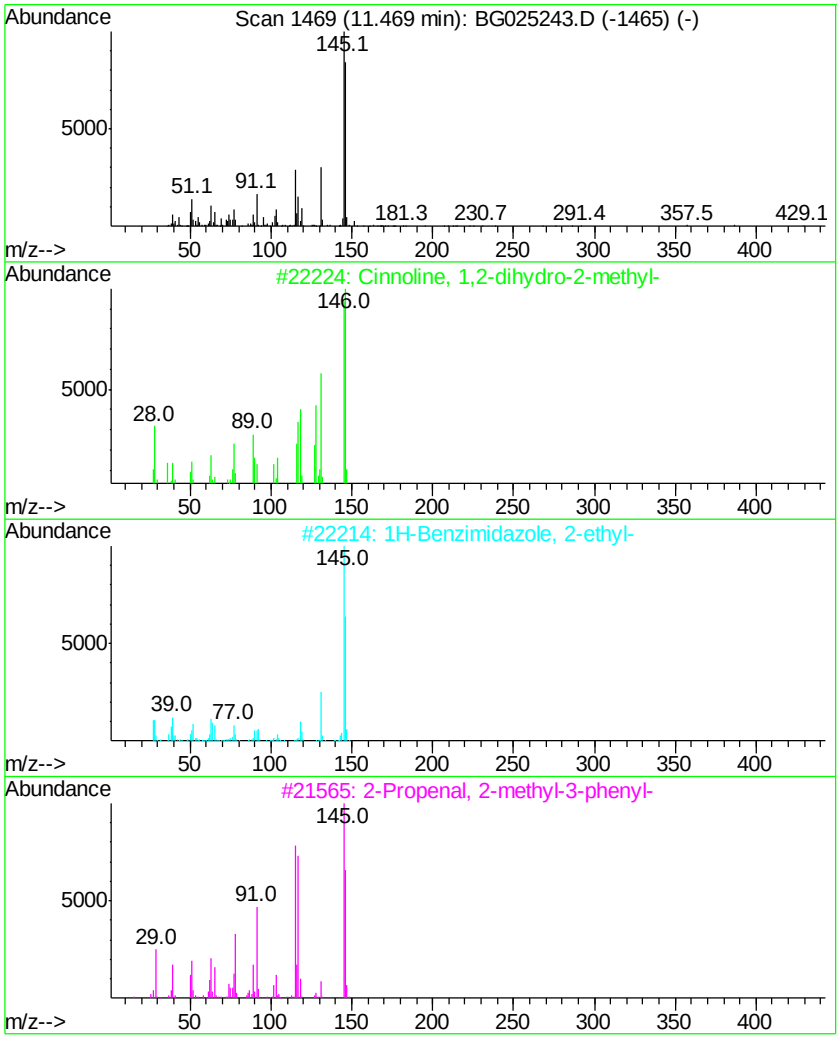
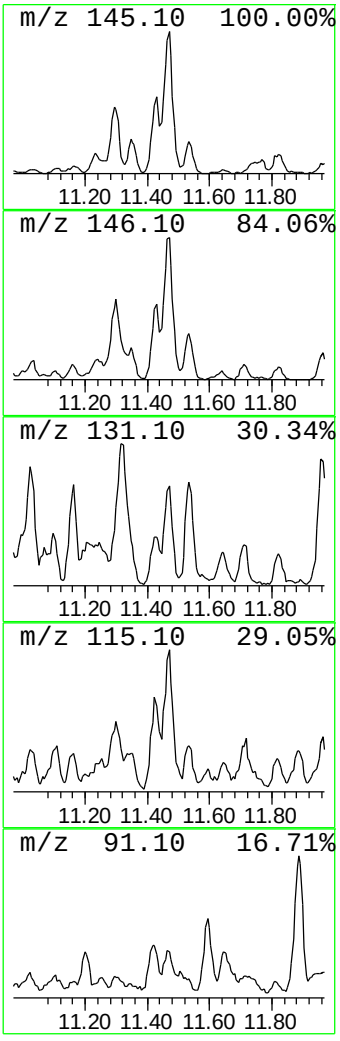
Peak Number 10 Cinnoline, 1,2-dihydro-2-me... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.47	23.76 ng/ul	1191710	Naphthalene-d8	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cinnoline, 1,2-dihydro-2-methyl-	146	C9H10N2	054063-10-4	72
2	1H-Benzimidazole, 2-ethyl-	146	C9H10N2	001848-84-6	64
3	2-Propenal, 2-methyl-3-phenyl-	146	C10H10O	000101-39-3	64
4	1,5-Dihydroxy-1,2,3,4-tetrahydro...	164	C10H12O2	040771-26-4	53
5	1H-Benzimidazole, 2-ethyl-	146	C9H10N2	001848-84-6	50





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Sample : H5995-14 5X
Misc :
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Instrument : BNA_G
ClientSampleId : DA882

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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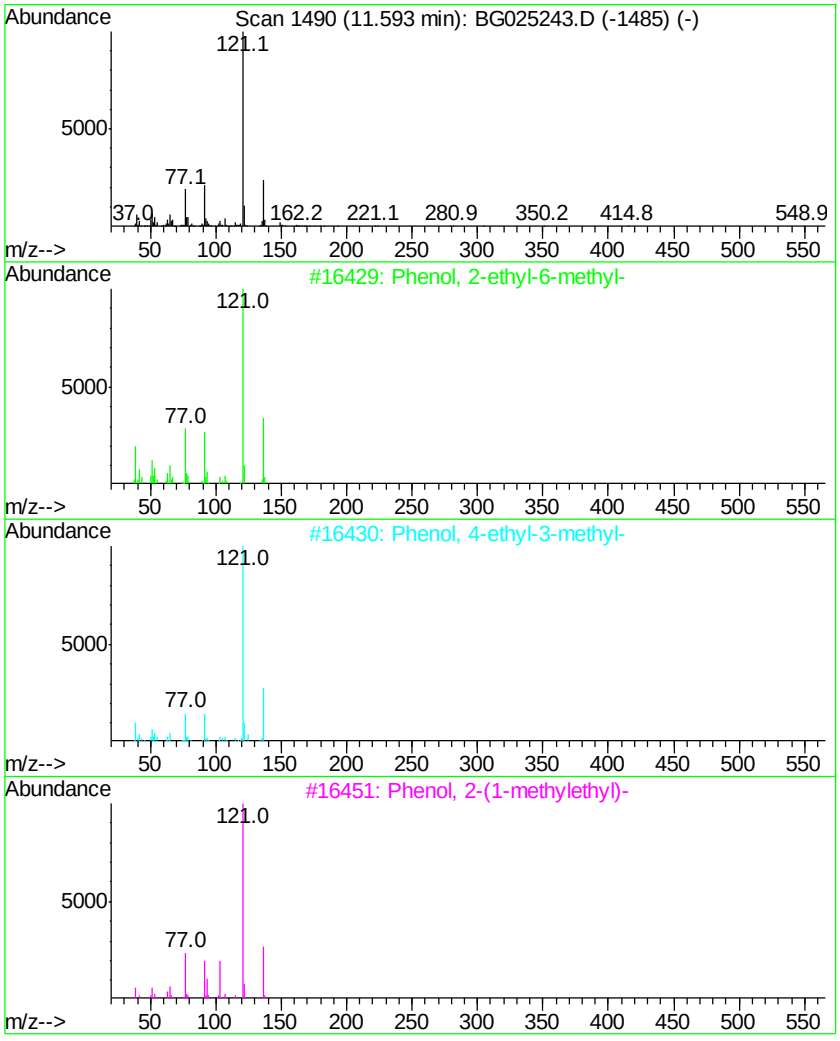
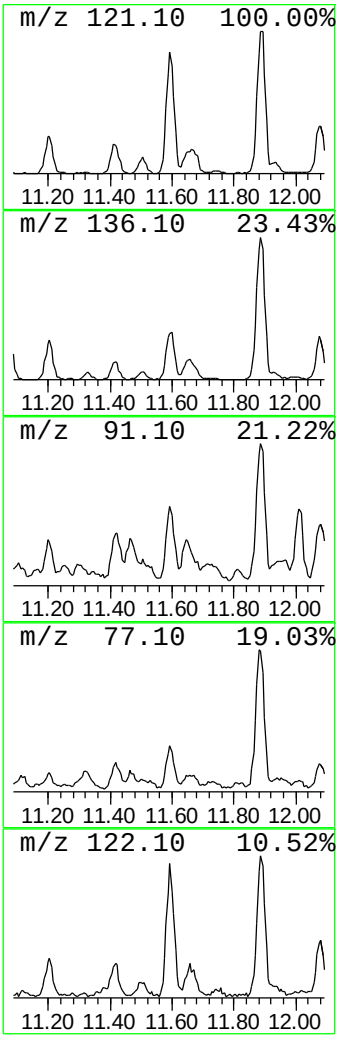
Peak Number 11 Phenol, 2-ethyl-6-methyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.59	28.94 ng/ul	1451840	Naphthalene-d8	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-ethyl-6-methyl-	136	C9H12O	001687-64-5	91
2	Phenol, 4-ethyl-3-methyl-	136	C9H12O	001123-94-0	90
3	Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	87
4	Phenol, 2-ethyl-4-methyl-	136	C9H12O	003855-26-3	86
5	Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	83





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Operator : UM/SJ
Sample : H5995-14 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA882

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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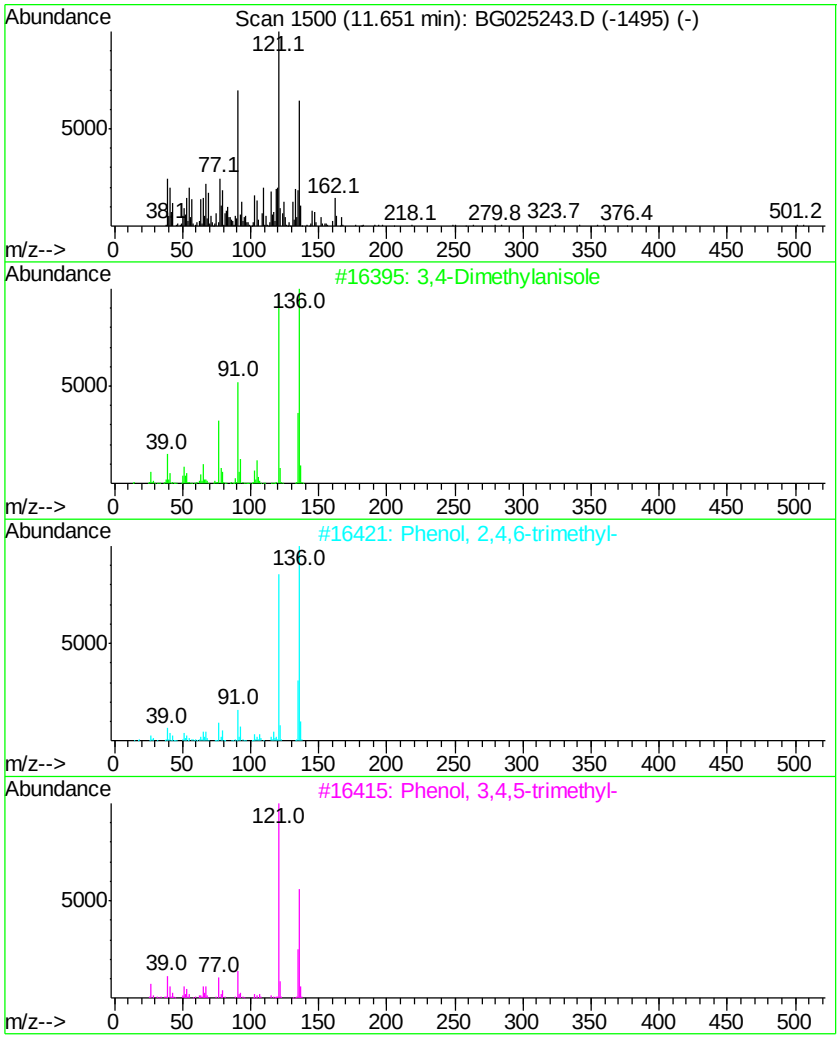
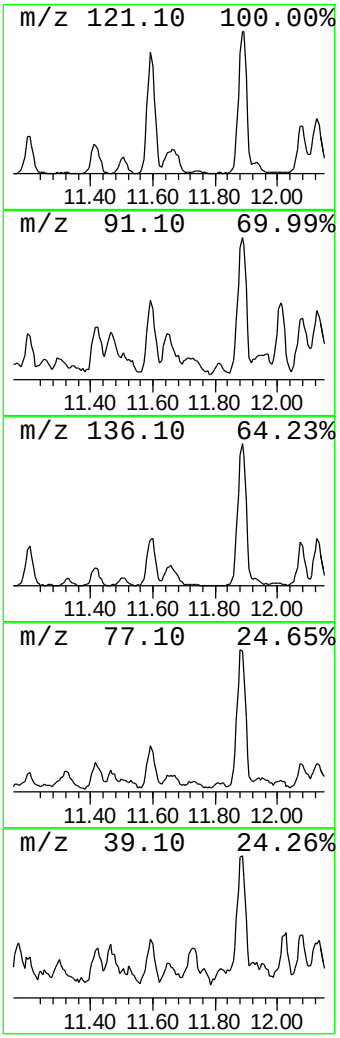
Peak Number 12 unknown-01 Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.65	19.01 ng/ul	953588	Naphthalene-d8	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Dimethylanisole	136	C9H12O	004685-47-6	49
2	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	47
3	Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	47
4	1,3-Cyclohexadiene, 1-methyl-4-(...	136	C10H16	000099-86-5	46
5	2,3-Dimethylanisole	136	C9H12O	002944-49-2	46





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Instrument : BNA_G
ClientSampleId : DA882

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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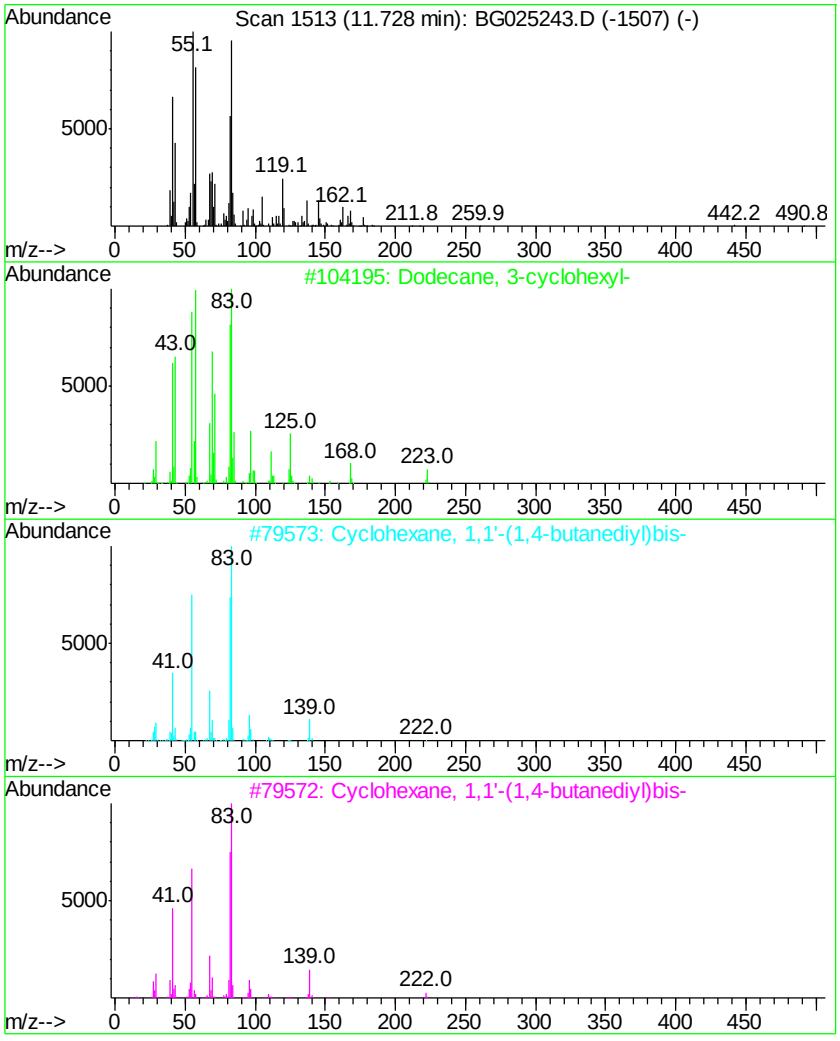
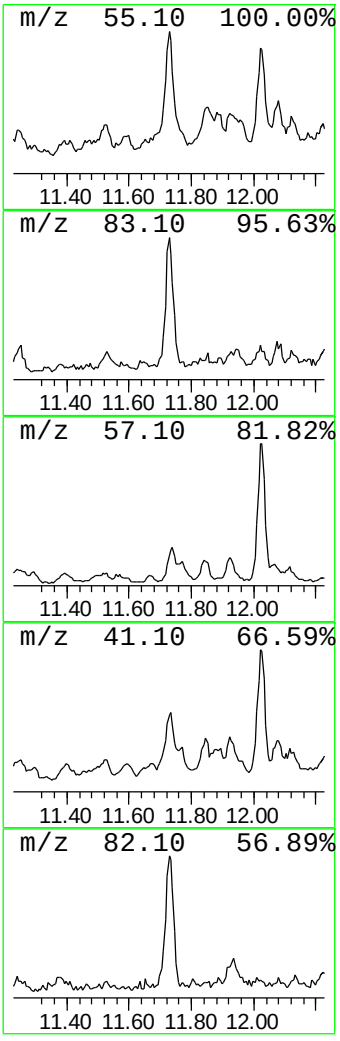
Peak Number 13 (DEL) Alkane: Cyclic11.73 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.73	44.98 ng/ul	2256590	Naphthalene-d8	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 3-cyclohexyl-	252	C18H36	013151-83-2	47
2	Cyclohexane, 1,1'-(1,4-butanediy...	222	C16H30	006165-44-2	46
3	Cyclohexane, 1,1'-(1,4-butanediy...	222	C16H30	006165-44-2	43
4	Cyclohexane, butyl-	140	C10H20	001678-93-9	43
5	Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	43





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Instrument : BNA_G
ClientSampleId : DA882

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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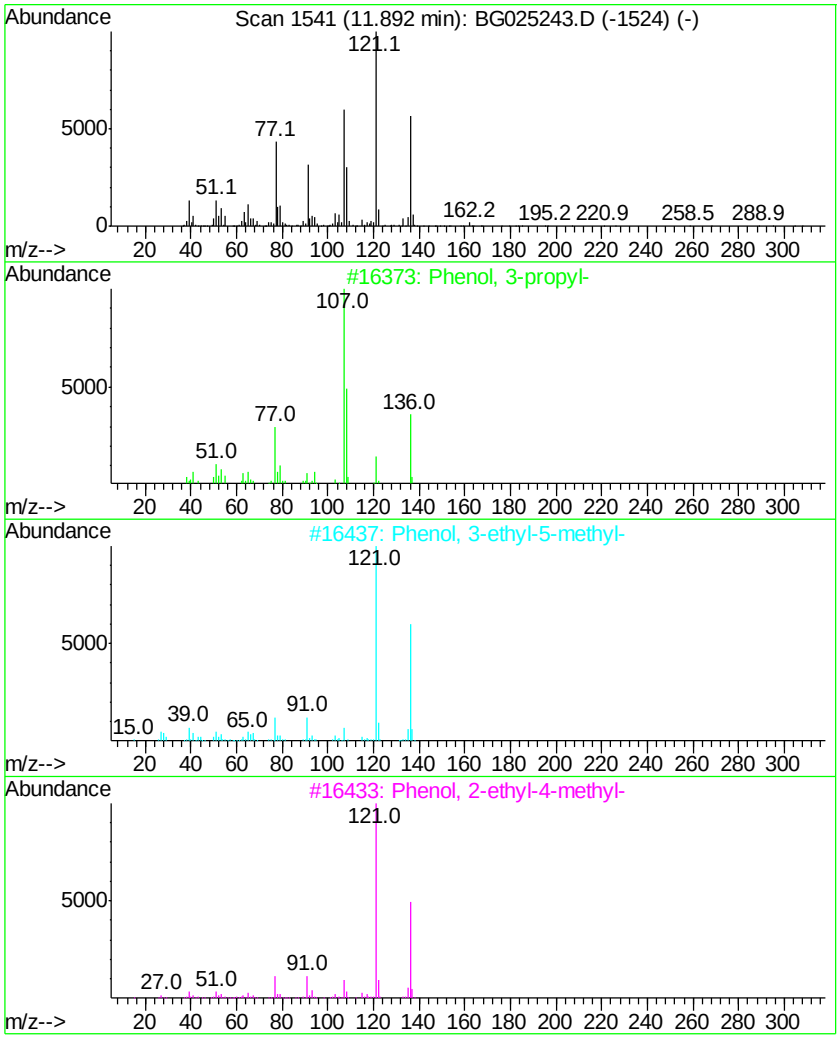
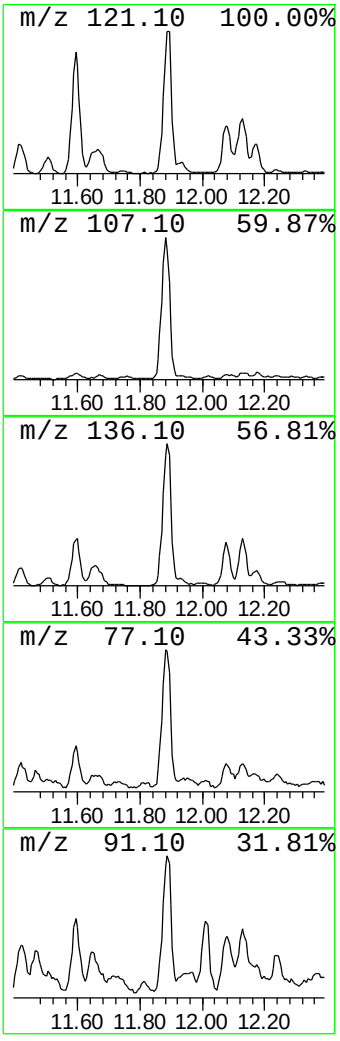
Peak Number 14 Phenol, 3-propyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	113.93 ng/ul	5715630	Naphthalene-d8	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-propyl-	136	C9H12O	000621-27-2	62
2	Phenol, 3-ethyl-5-methyl-	136	C9H12O	000698-71-5	60
3	Phenol, 2-ethyl-4-methyl-	136	C9H12O	003855-26-3	60
4	Phenol, 2,4,5-trimethyl-	136	C9H12O	000496-78-6	46
5	Phenol, 4-(1-methylethyl)-	136	C9H12O	000099-89-8	45





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Instrument : BNA_G
ClientSampleId : DA882

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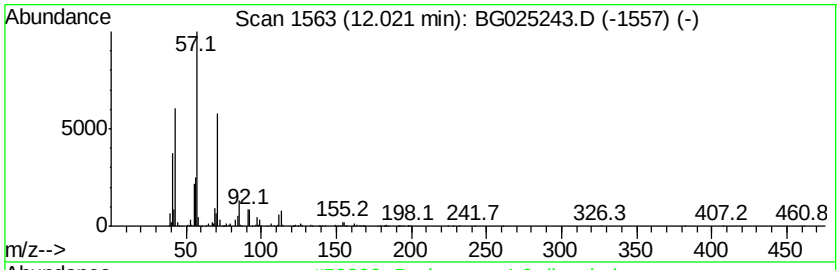
Quant Title : SVOA CALIBRATION

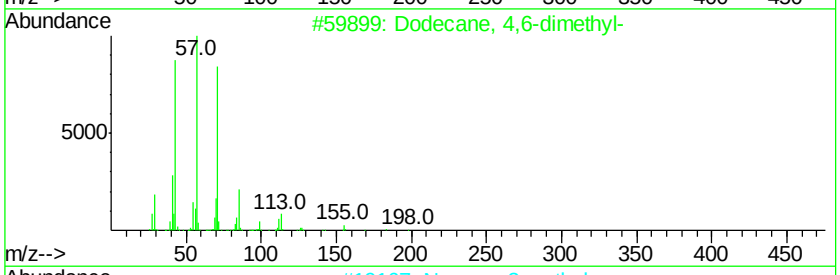
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

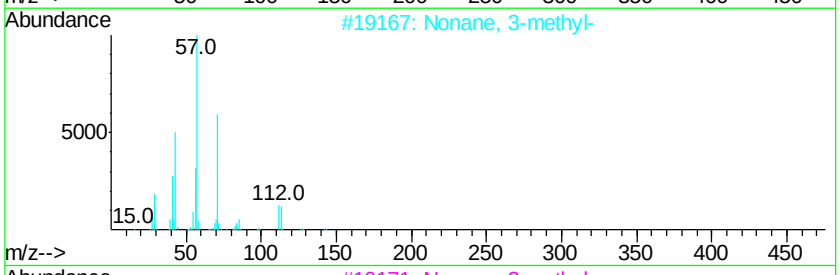
****
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 16

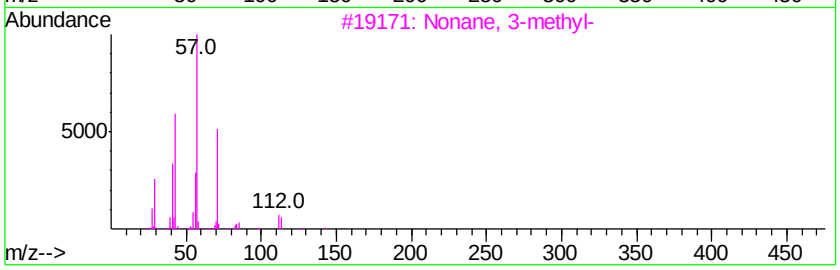
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	46.32 ng/ul	2323530	Naphthalene-d8	11.07

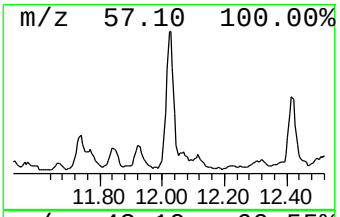
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	70
2	Nonane, 3-methyl-	142	C10H22	005911-04-6	64
3	Nonane, 3-methyl-	142	C10H22	005911-04-6	64
4	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	64
5	Nonane, 3-methyl-	142	C10H22	005911-04-6	53

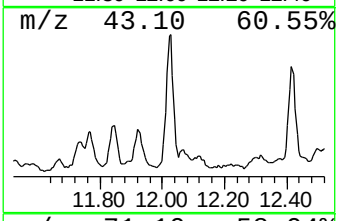


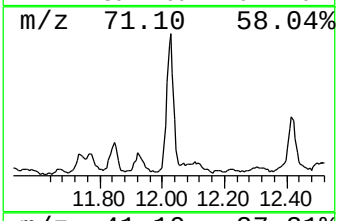


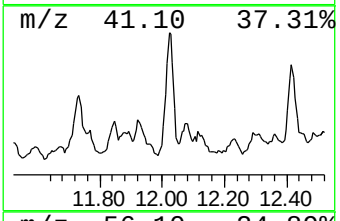


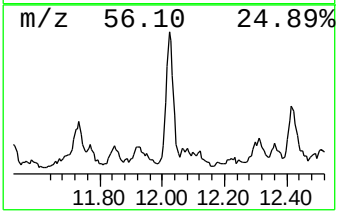












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Acq On : 16 Dec 2016 11:38
Operator : UM/SJ
Sample : H5995-14 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA882

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Quant Title : SVOA CALIBRATION

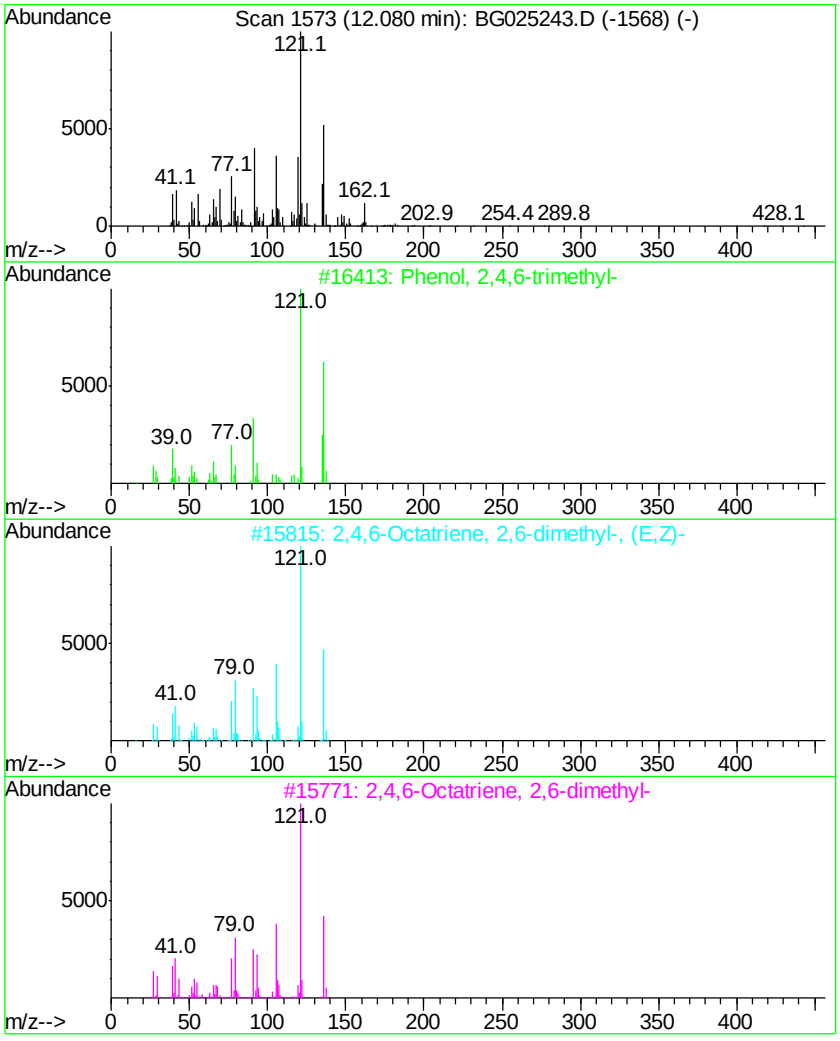
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

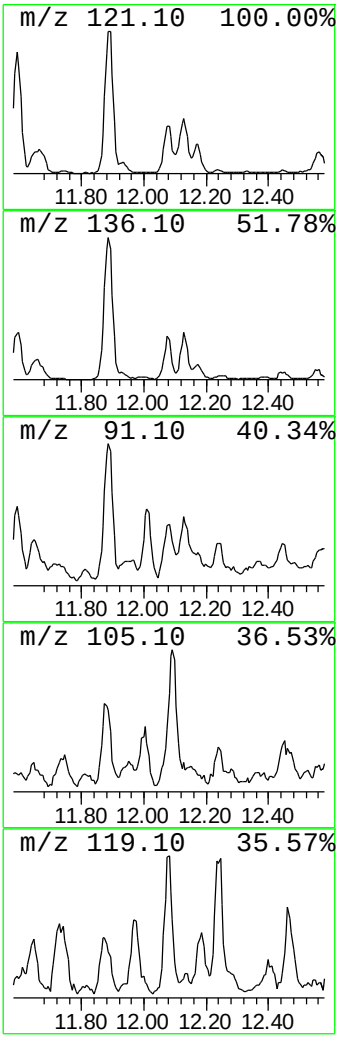
****

Peak Number 16 Phenol, 2,4,6-trimethyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.08	30.64 ng/ul	1537020	Naphthalene-d8	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	93
2	2,4,6-Octatriene, 2,6-dimethyl-,...	136	C10H16	007216-56-0	76
3	2,4,6-Octatriene, 2,6-dimethyl-	136	C10H16	000673-84-7	76
4	Phenol, 2,3,5-trimethyl-	136	C9H12O	000697-82-5	76
5	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	76





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Sample : H5995-14 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA882

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

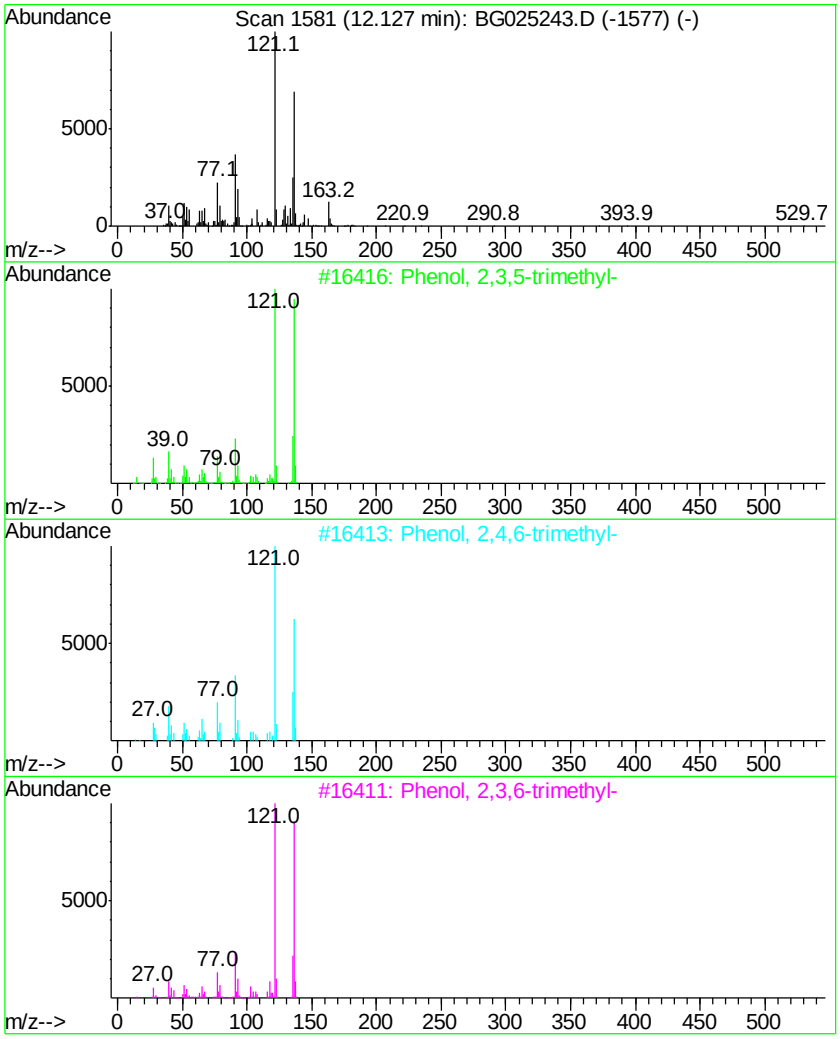
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

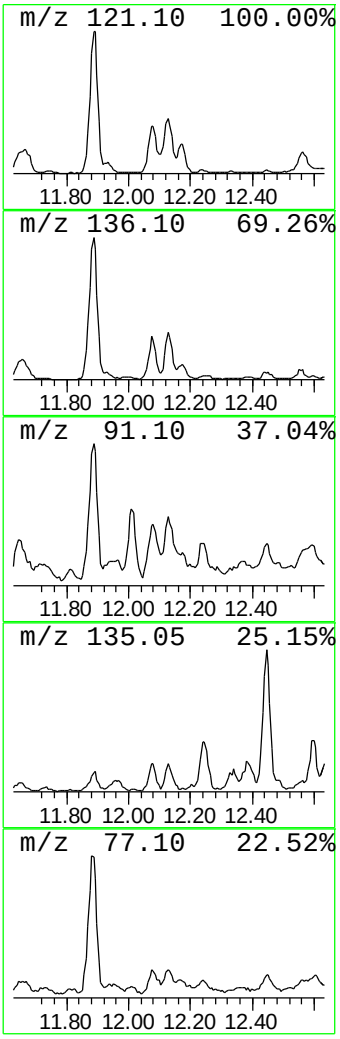
****

Peak Number 17 Phenol, 2,3,5-trimethyl- Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.13	26.75 ng/ul	1342160	Naphthalene-d8	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,3,5-trimethyl-	136	C9H12O	000697-82-5	70
2	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	70
3	Phenol, 2,3,6-trimethyl-	136	C9H12O	002416-94-6	70
4	Phenol, 2,3,5-trimethyl-	136	C9H12O	000697-82-5	70
5	Phenol, 3-ethyl-5-methyl-	136	C9H12O	000698-71-5	64





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Sample : H5995-14 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA882

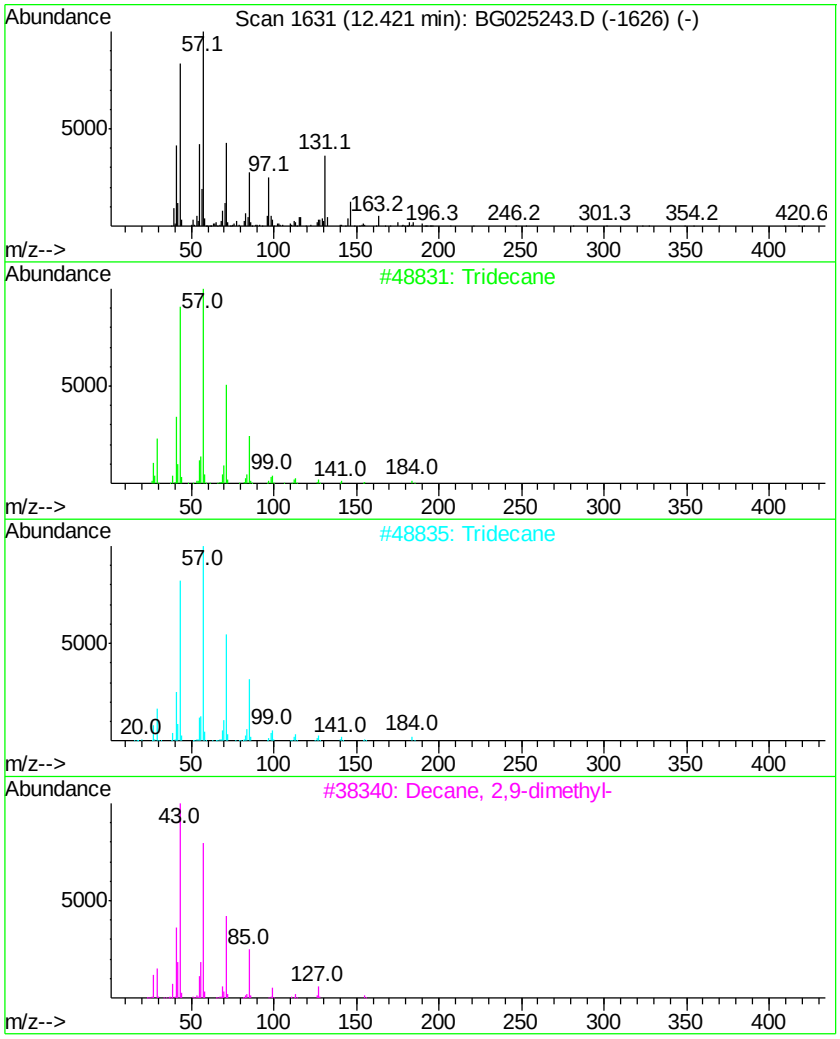
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

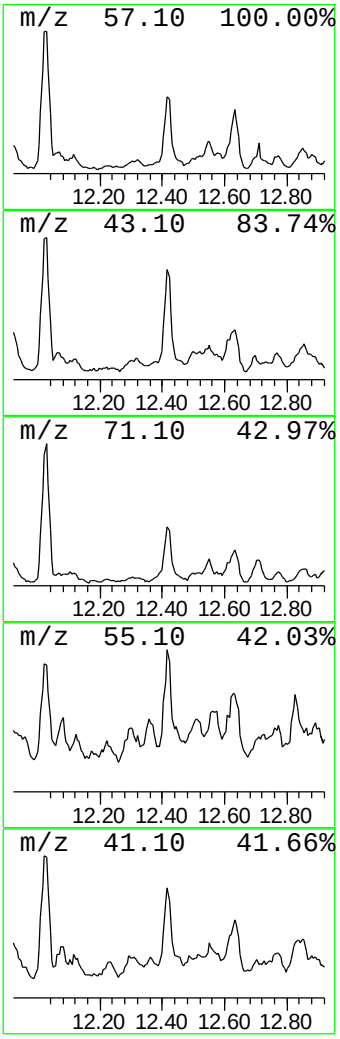
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.42	47.24 ng/ul	2369770	Naphthalene-d8	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	64
2	Tridecane	184	C13H28	000629-50-5	53
3	Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	50
4	Dodecane	170	C12H26	000112-40-3	47
5	Undecane, 2-methyl-	170	C12H26	007045-71-8	47





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Sample : H5995-14 5X
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Instrument : BNA_G
ClientSampleId : DA882

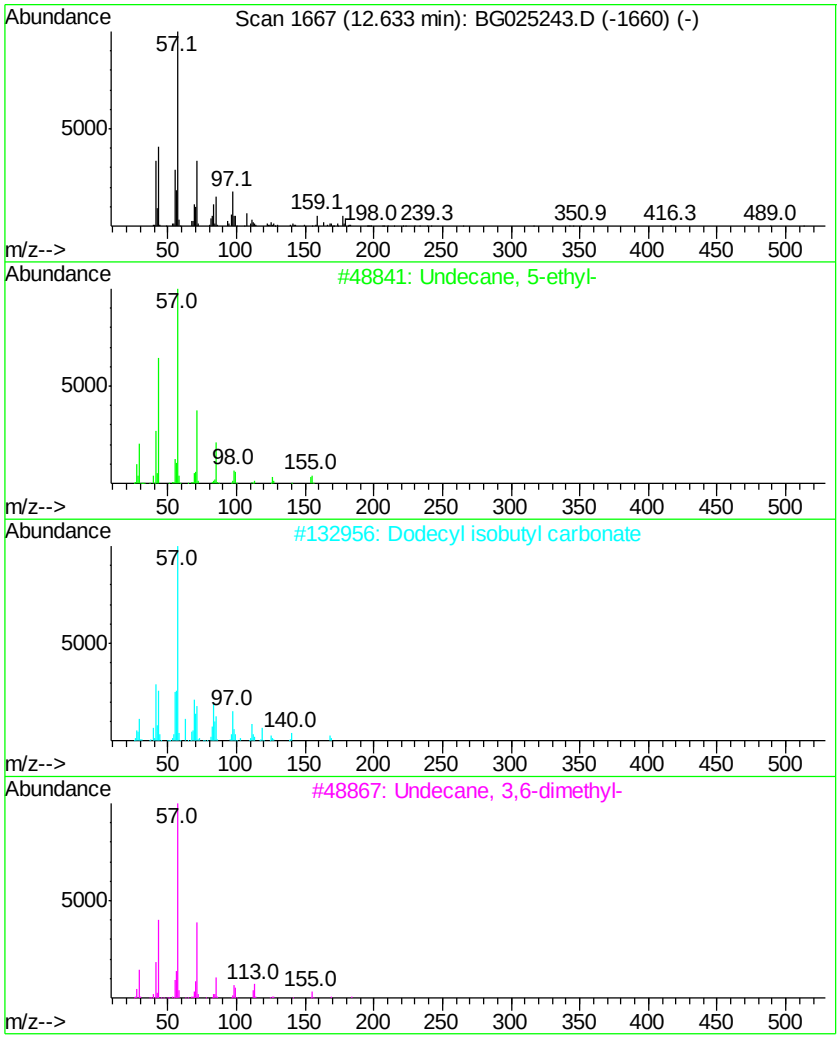
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

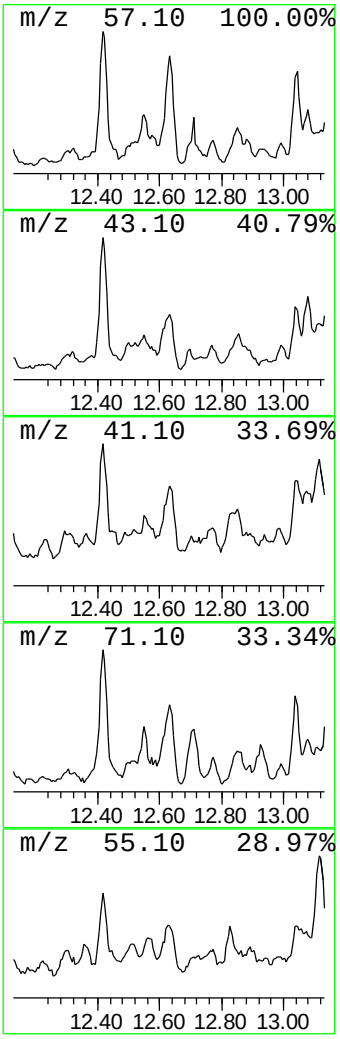
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.63	40.72 ng/ul	2042590	Naphthalene-d8	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 5-ethyl-	184	C13H28	017453-94-0	50
2	Dodecyl isobutyl carbonate	286	C17H34O3	959067-22-2	50
3	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	50
4	Oxalic acid, isobutyl nonyl ester	272	C15H28O4	1000309-37-4	47
5	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	47





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Sample : H5995-14 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA882

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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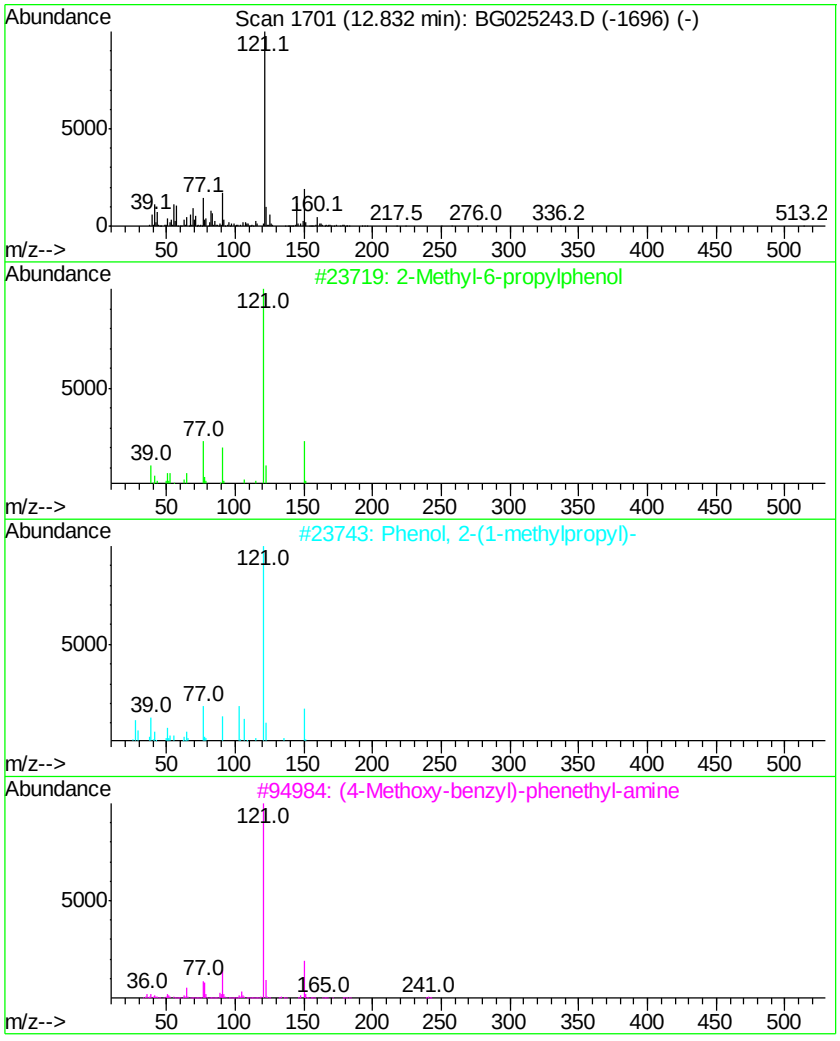
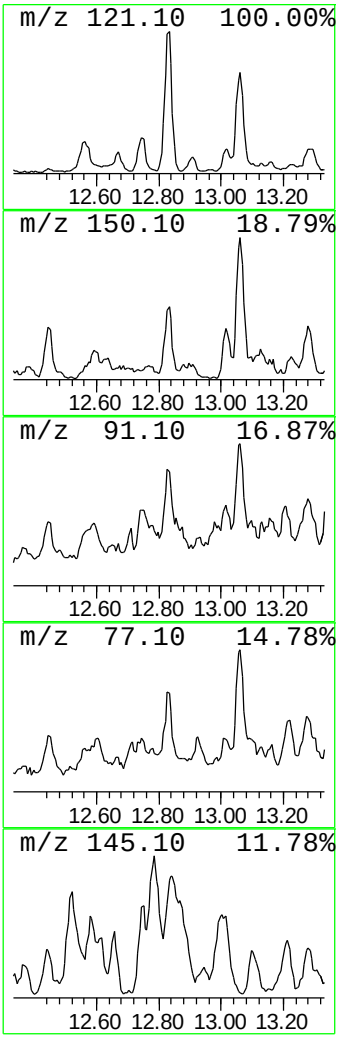
Peak Number 20 2-Methyl-6-propylphenol Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.83	45.68 ng/ul	2291770	Naphthalene-d8	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyl-6-propylphenol	150	C10H14O	003520-52-3	76
2	Phenol, 2-(1-methylpropyl)-	150	C10H14O	000089-72-5	59
3	(4-Methoxy-benzyl)-phenethyl-amine	241	C16H19NO	1000300-71-3	59
4	Phenol, 2-(1-methylpropyl)-	150	C10H14O	000089-72-5	59
5	Phenol, 4-(1-methylpropyl)-	150	C10H14O	000099-71-8	59





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Sample : H5995-14 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA882

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

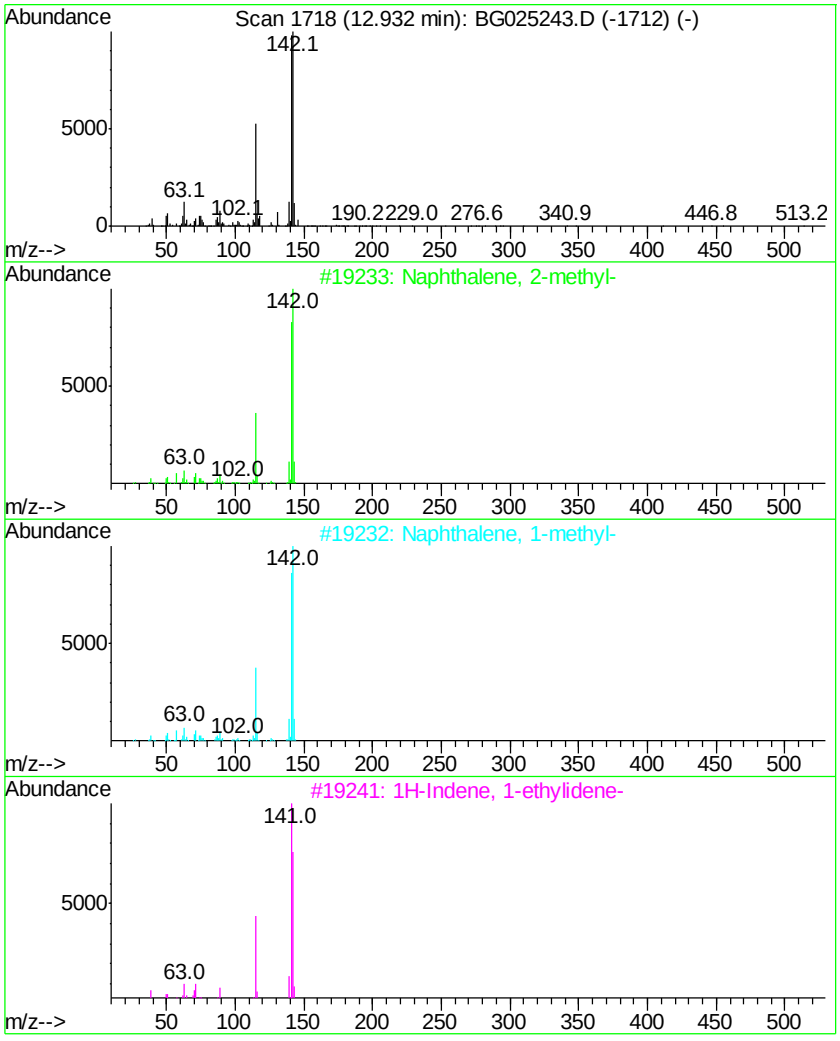
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

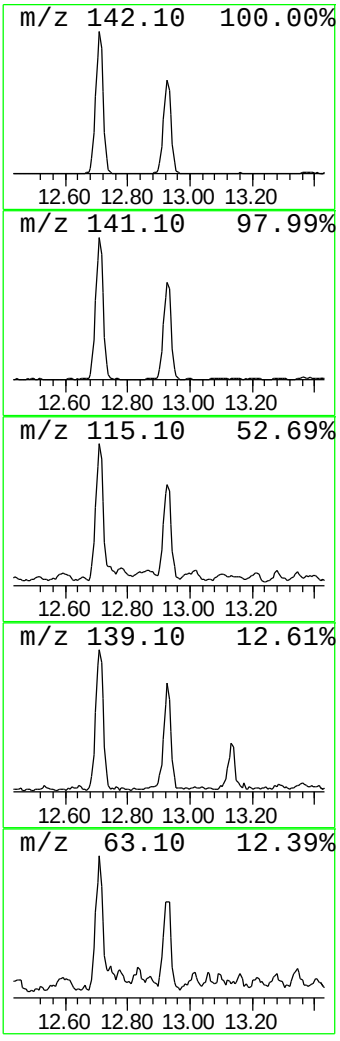
****

Peak Number 21 Naphthalene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.93	60.04 ng/ul	3011810	Naphthalene-d8	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95
3	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	94
4	Benzocycloheptatriene	142	C11H10	000264-09-5	93
5	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	93





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Sample : H5995-14 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA882

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

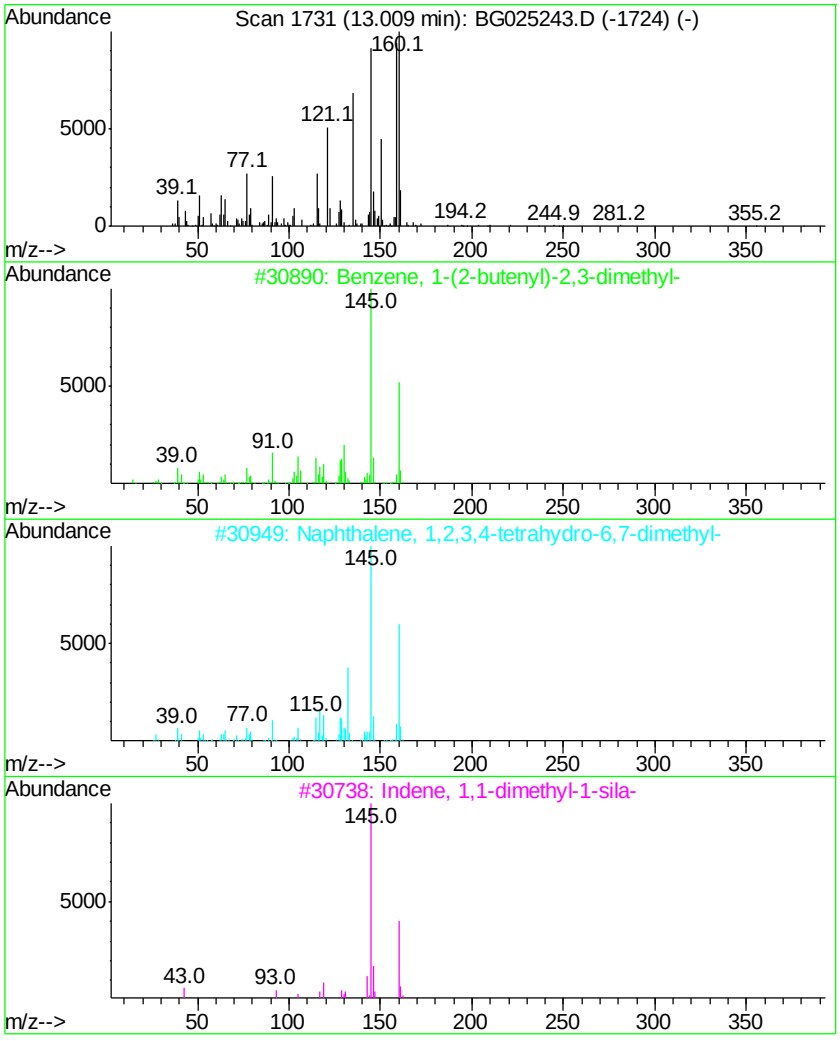
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

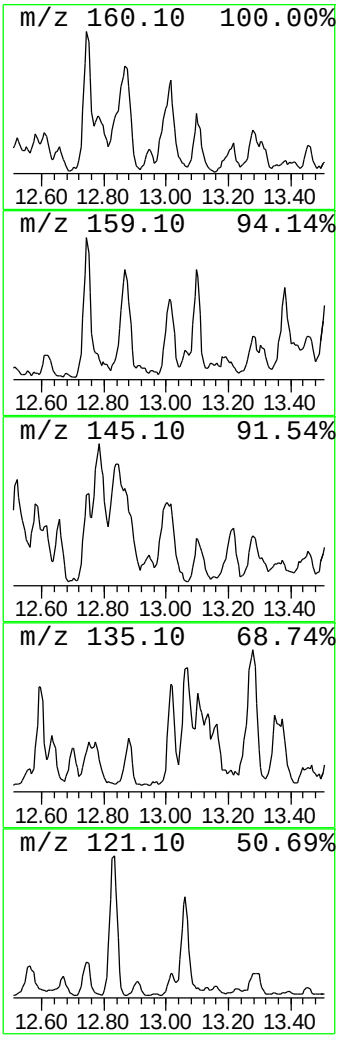
****

Peak Number 22 unknown-03 Concentration Rank 71

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.01	13.47 ng/ul	1072470	Acenaphthene-d10	14.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	38
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	35
3	Indene, 1,1-dimethyl-1-sila-	160	C10H12Si	058310-24-0	35
4	Ethanone, 1-[4-(1-methylethenyl)...	160	C11H12O	005359-04-6	30
5	Phenol, 3,5-diethyl-	150	C10H14O	001197-34-8	30





Library Search Compound Report

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Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA882

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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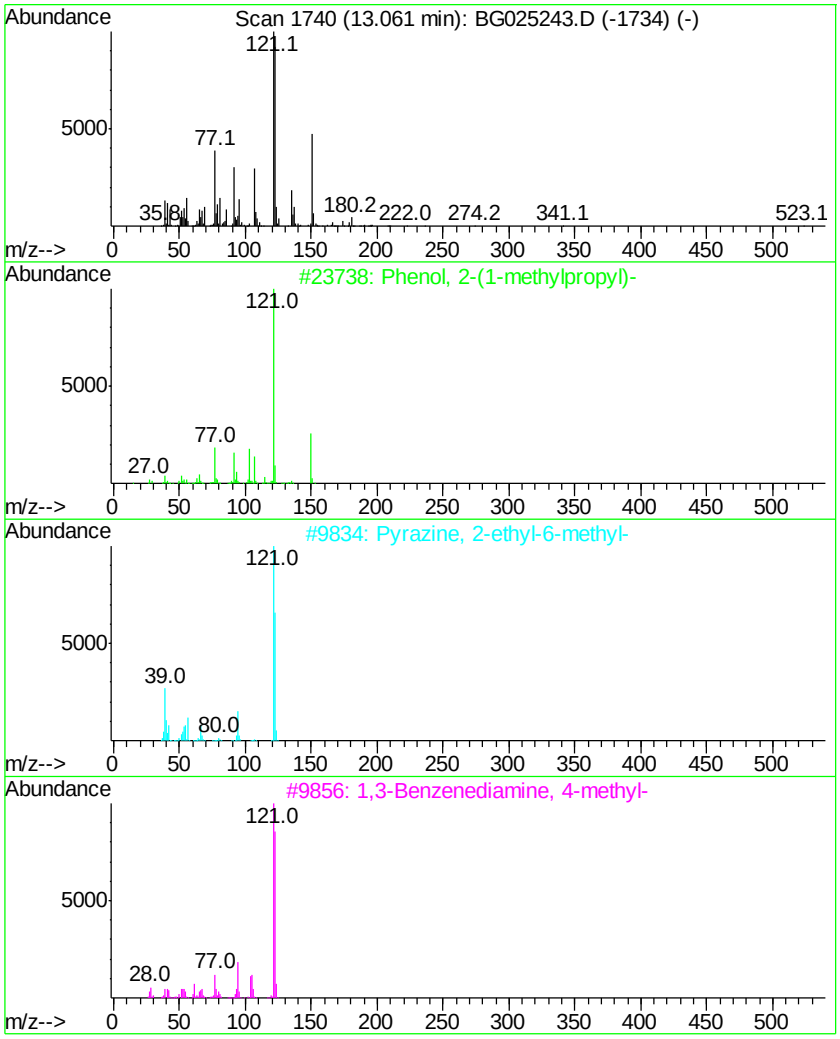
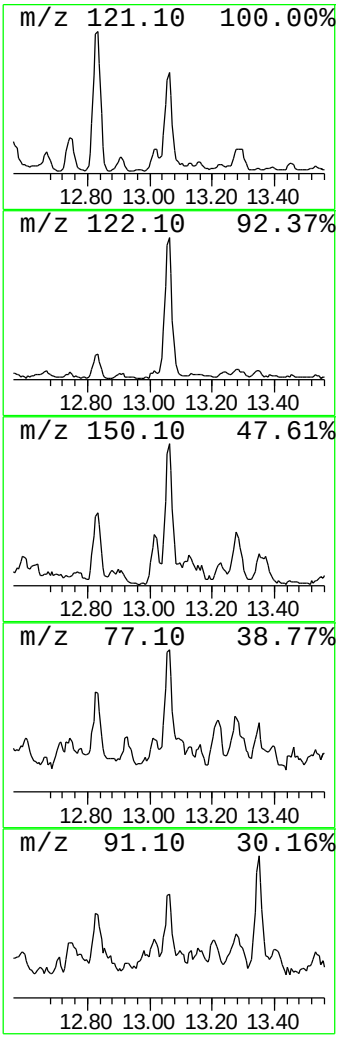
Peak Number 23 unknown-04 Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.06	34.19 ng/ul	2722510	Acenaphthene-d10	14.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-(1-methylpropyl)-	150	C10H14O	000089-72-5	47
2	Pyrazine, 2-ethyl-6-methyl-	122	C7H10N2	013925-03-6	46
3	1,3-Benzenediamine, 4-methyl-	122	C7H10N2	000095-80-7	43
4	Pyrazine, 2-ethyl-5-methyl-	122	C7H10N2	013360-64-0	43
5	4-Methyl-2-propylphenol	150	C10H14O	004074-46-8	43





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Instrument : BNA_G
ClientSampleId : DA882

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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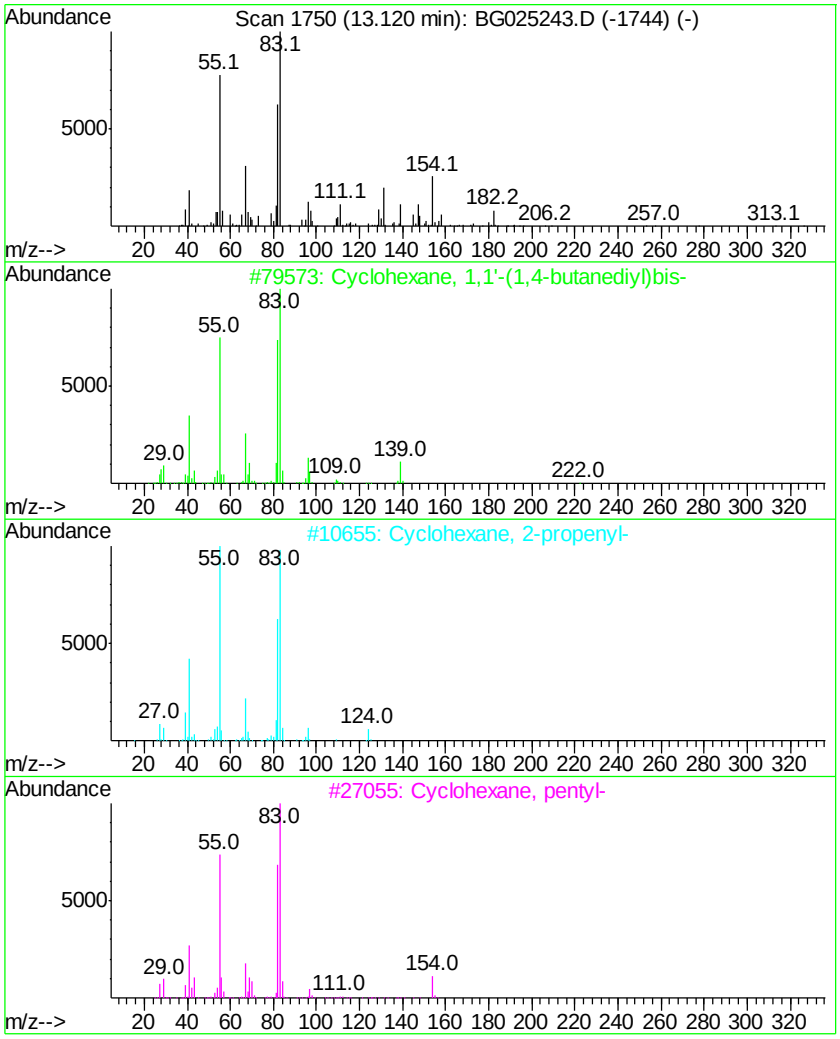
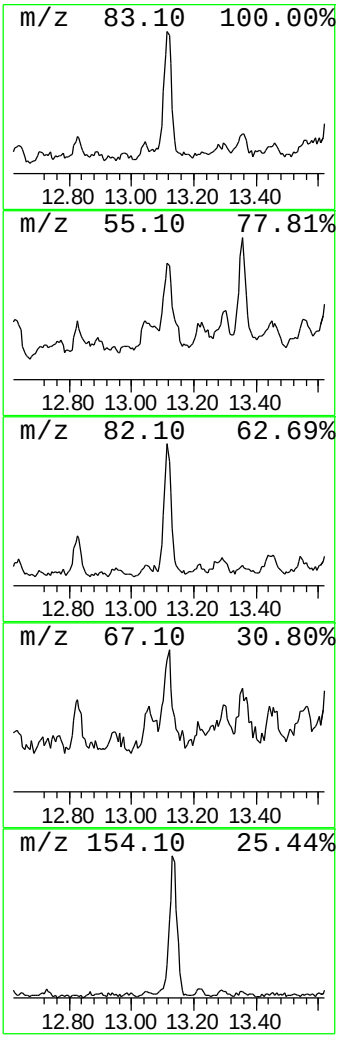
Peak Number 24 Cyclohexane, 1,1'-(1,4-buta... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.12	42.34 ng/ul	3371690	Acenaphthene-d10	14.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1'-(1,4-butanediy...	222	C16H30	006165-44-2	59
2	Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	53
3	Cyclohexane, pentyl-	154	C11H22	004292-92-6	53
4	Cyclohexane, pentyl-	154	C11H22	004292-92-6	53
5	Cyclohexane, pentyl-	154	C11H22	004292-92-6	53





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ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA882

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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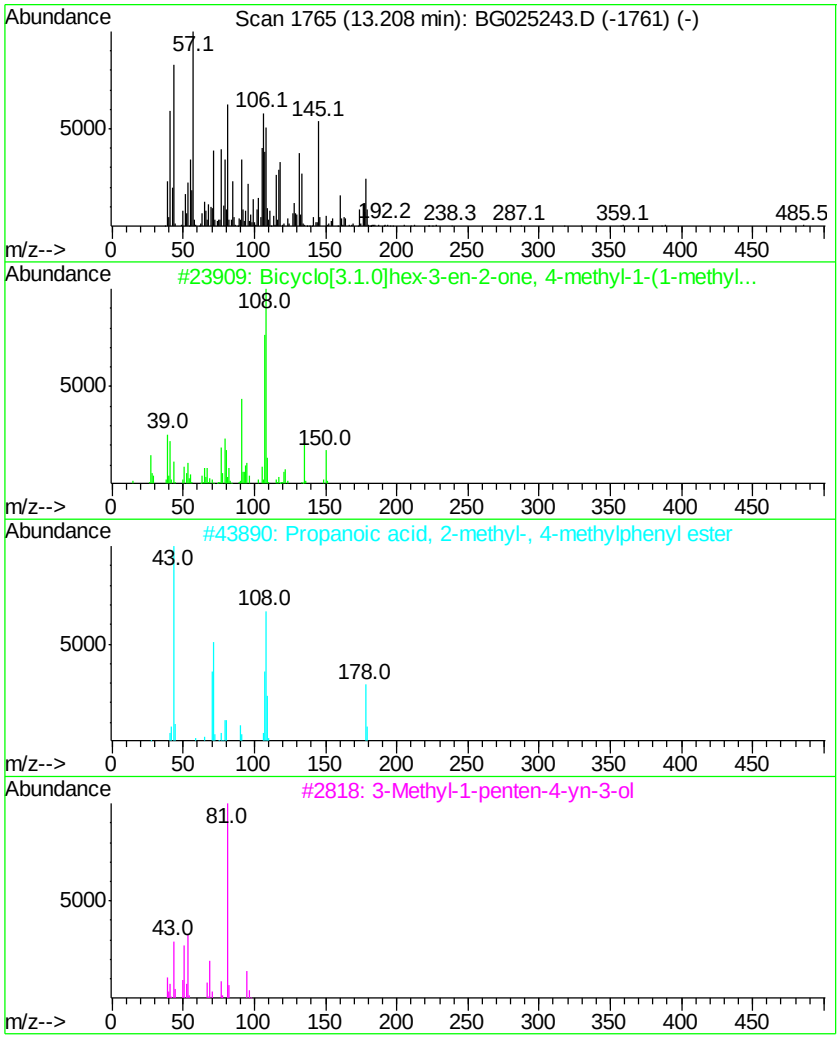
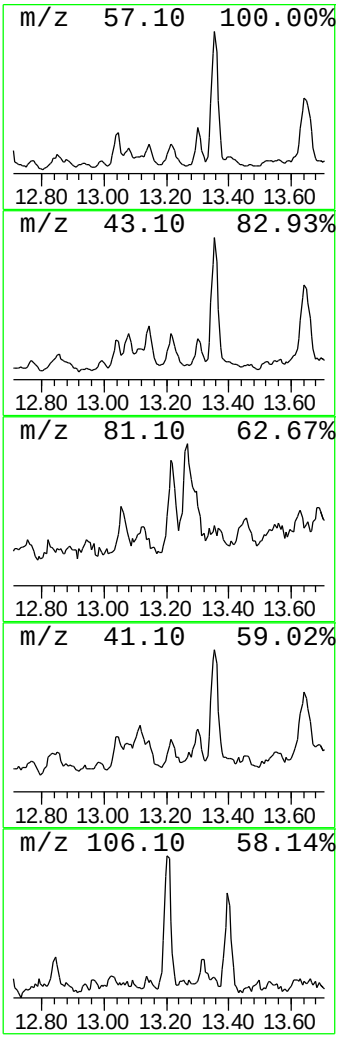
Peak Number 25 unknown-05 Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.21	21.31 ng/ul	1696990	Acenaphthene-d10	14.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.1.0]hex-3-en-2-one, 4-...	150	C10H14O	024545-81-1	25
2	Propanoic acid, 2-methyl-, 4-met...	178	C11H14O2	000103-93-5	18
3	3-Methyl-1-penten-4-yn-3-ol	96	C6H8O	003230-69-1	15
4	Bicyclo[3.1.0]hex-3-en-2-one, 4-...	150	C10H14O	024545-81-1	11
5	Acetic acid, 4-methylphenyl ester	150	C9H10O2	000140-39-6	11





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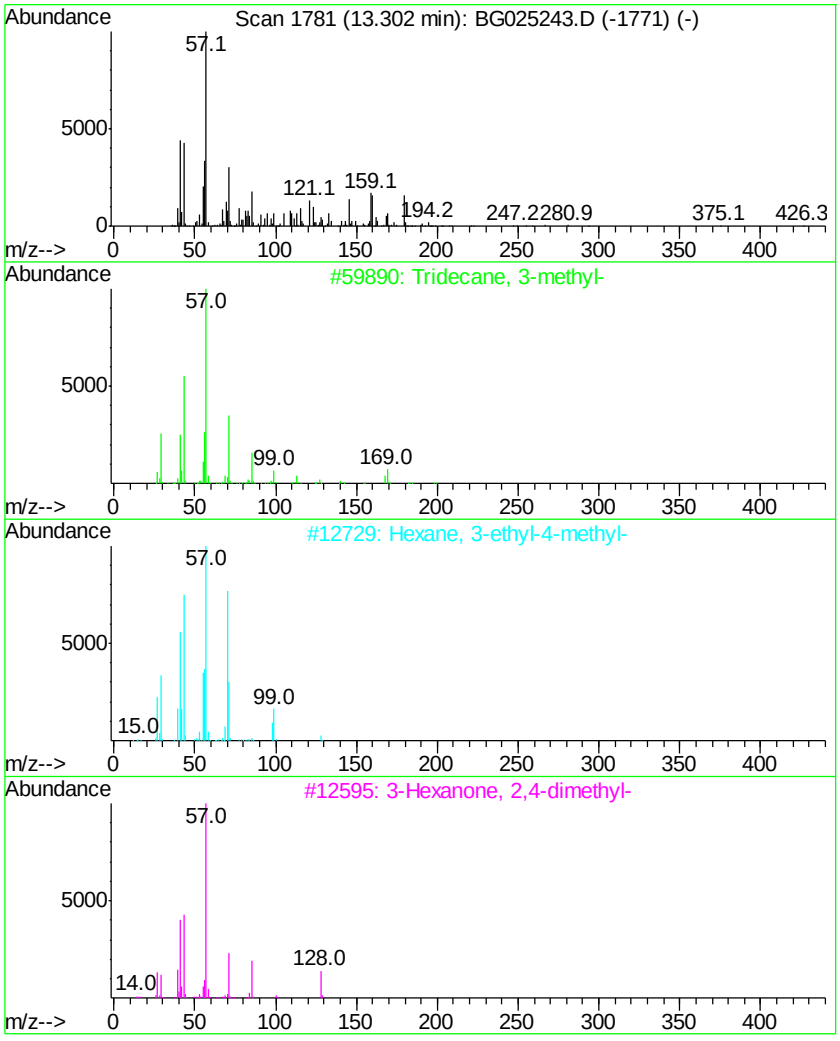
Quant Title : SVOA CALIBRATION

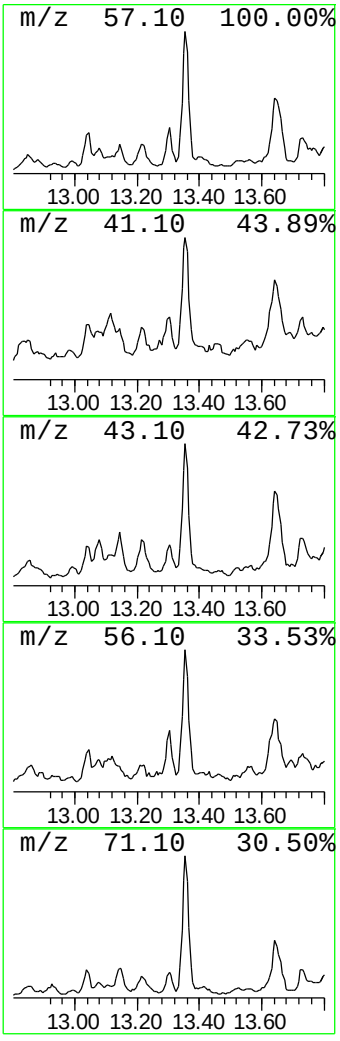
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.30	28.35 ng/ul	2257490	Acenaphthene-d10	14.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 3-methyl-	198	C14H30	006418-41-3	38
2	Hexane, 3-ethyl-4-methyl-	128	C9H20	003074-77-9	35
3	3-Hexanone, 2,4-dimethyl-	128	C8H16O	018641-70-8	35
4	Hentriacontane	437	C31H64	000630-04-6	35
5	Sulfurous acid, butyl tridecyl e...	320	C17H36O3S	1000309-18-0	35





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Data File : BG025243.D
Acq On : 16 Dec 2016 11:38
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Sample : H5995-14 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA882

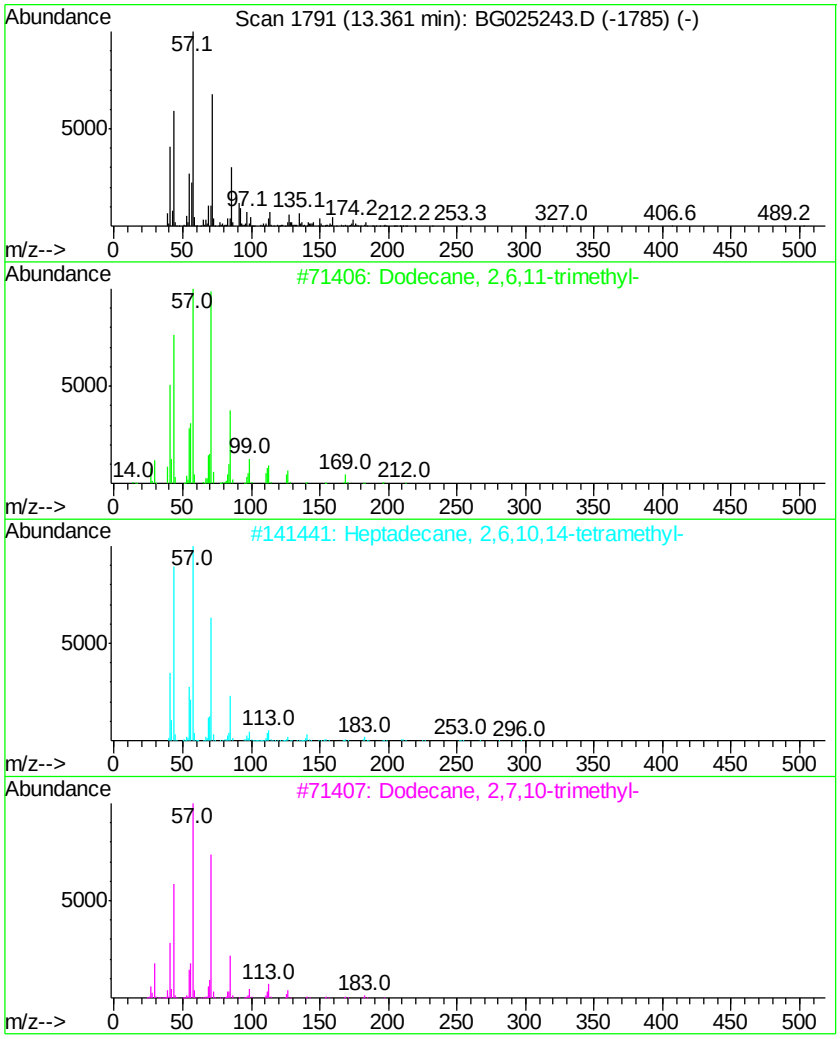
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

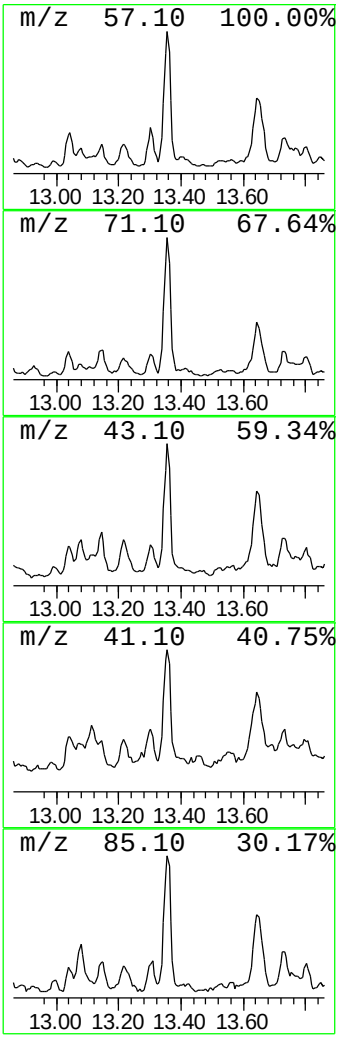
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.36	60.02 ng/ul	4780300	Acenaphthene-d10	14.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	74
2	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	72
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	68
4	Octane, 2-methyl-	128	C9H20	003221-61-2	64
5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	64





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121516\
Data File : BG025243.D
Acq On : 16 Dec 2016 11:38
Operator : UM/SJ
Sample : H5995-14 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA882

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

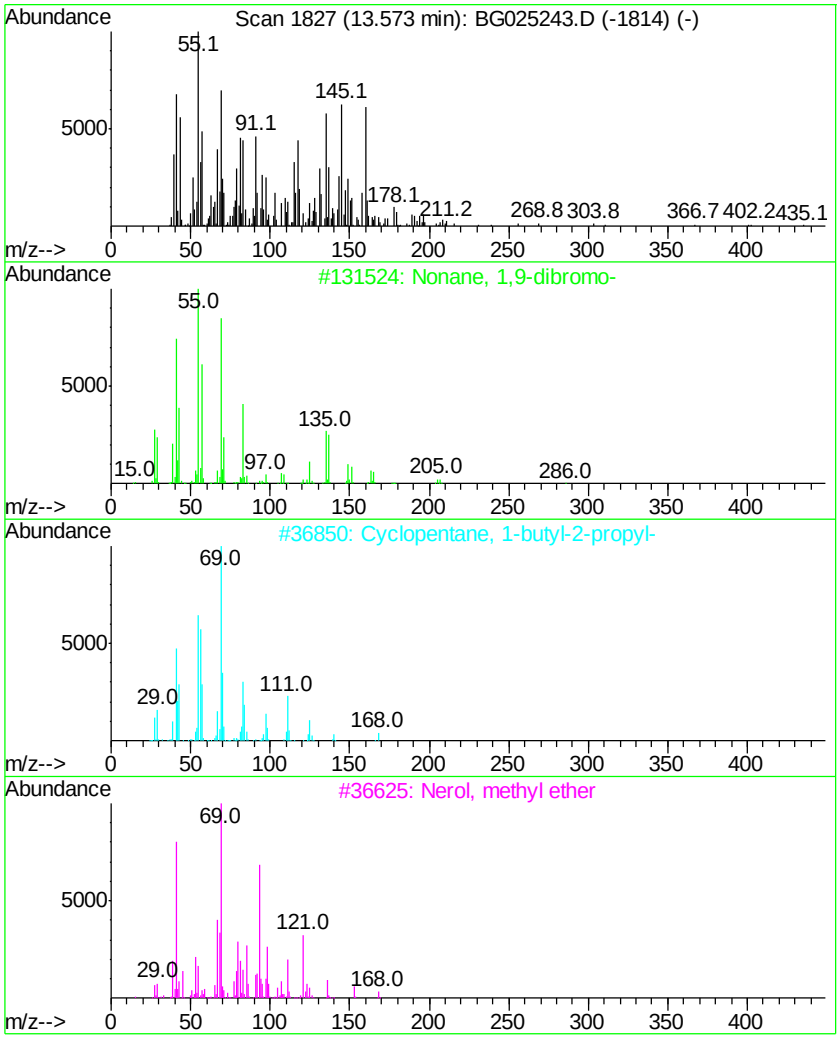
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

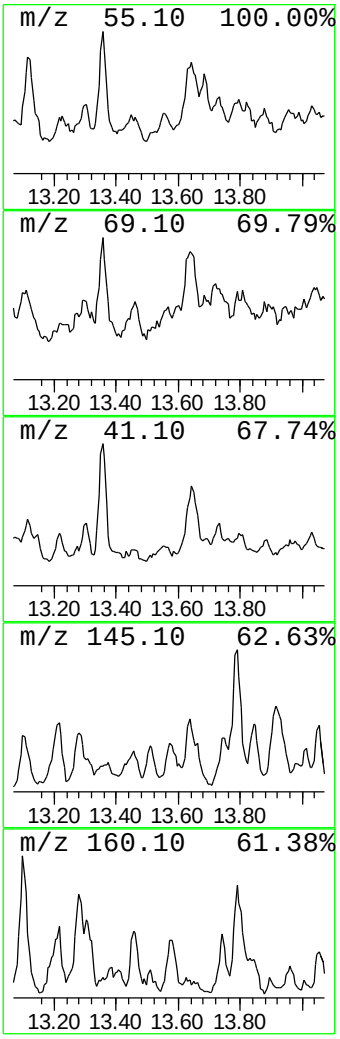
****

Peak Number 28 unknown-06 Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.57	17.37 ng/ul	1383600	Acenaphthene-d10	14.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 1,9-dibromo-	284	C9H18Br2	004549-33-1	30
2	Cyclopentane, 1-butyl-2-propyl-	168	C12H24	062199-50-2	15
3	Nerol, methyl ether	168	C11H20O	1000352-64-1	11
4	3-Octene, 2,2-dimethyl-	140	C10H20	086869-76-3	11
5	4-Acetylanisole	150	C9H10O2	000100-06-1	11





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Sample : H5995-14 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA882

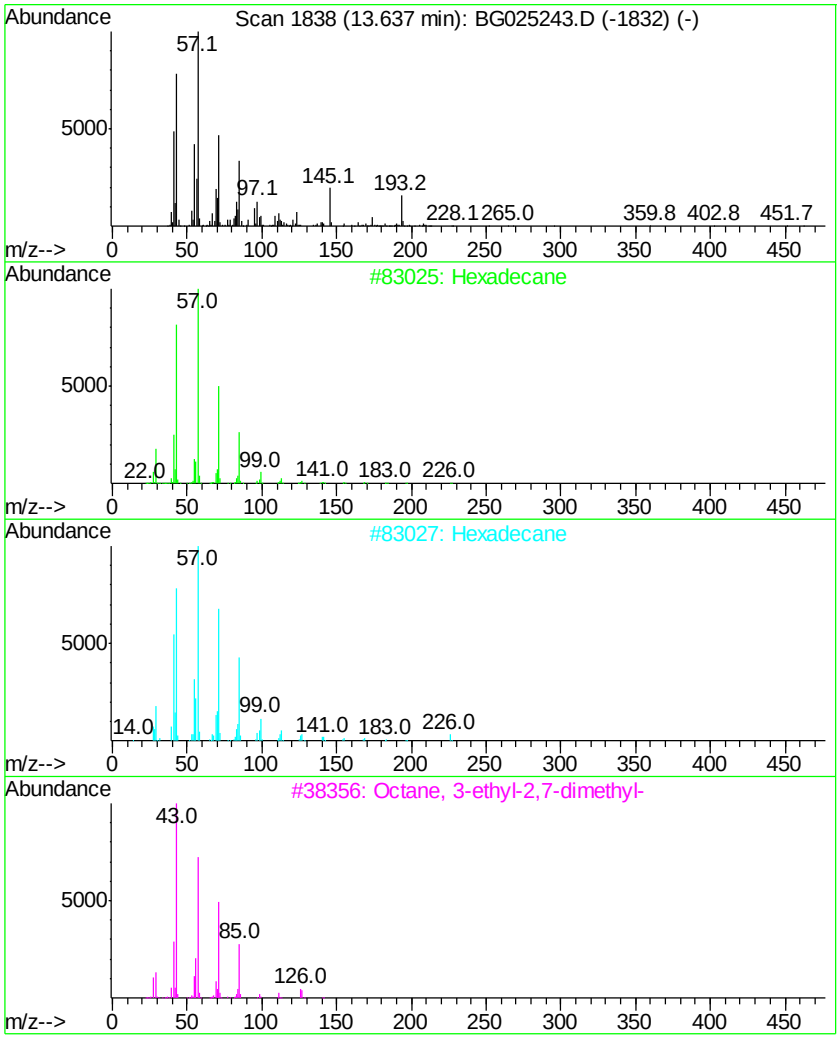
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

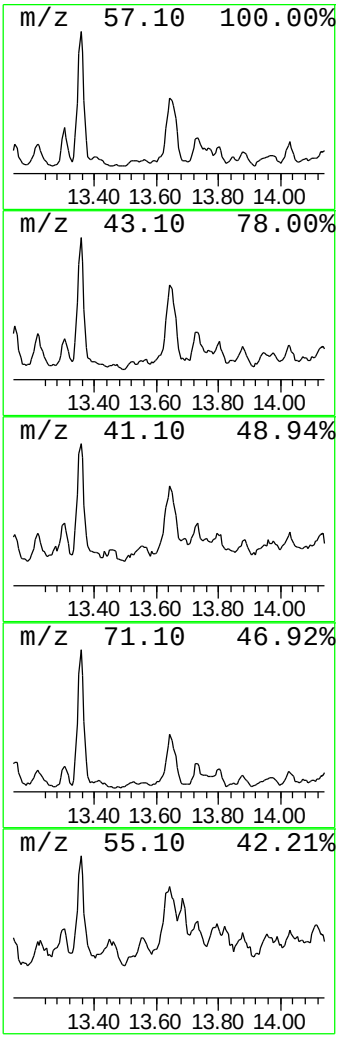
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.64	35.77 ng/ul	2848960	Acenaphthene-d10	14.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	70
2	Hexadecane	226	C16H34	000544-76-3	70
3	Octane, 3-ethyl-2,7-dimethyl-	170	C12H26	062183-55-5	64
4	Ether, hexyl pentyl	172	C11H24O	032357-83-8	50
5	Nonane	128	C9H20	000111-84-2	49





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Operator : UM/SJ
Sample : H5995-14 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA882

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

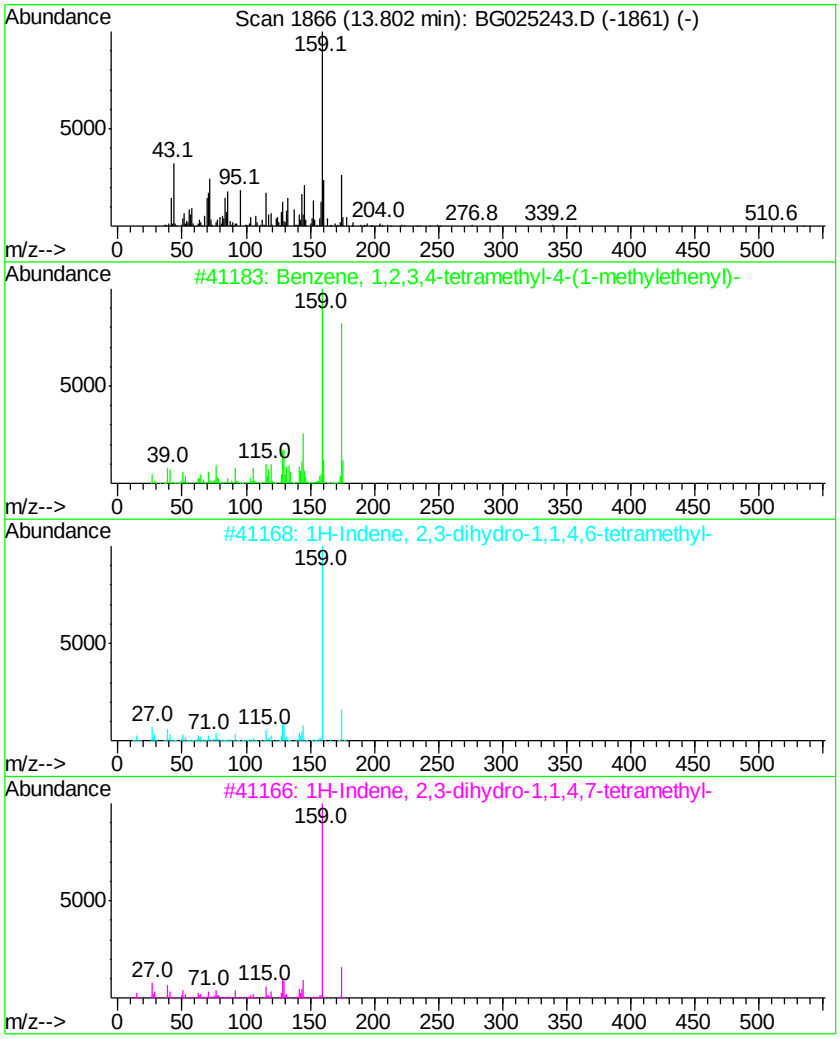
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

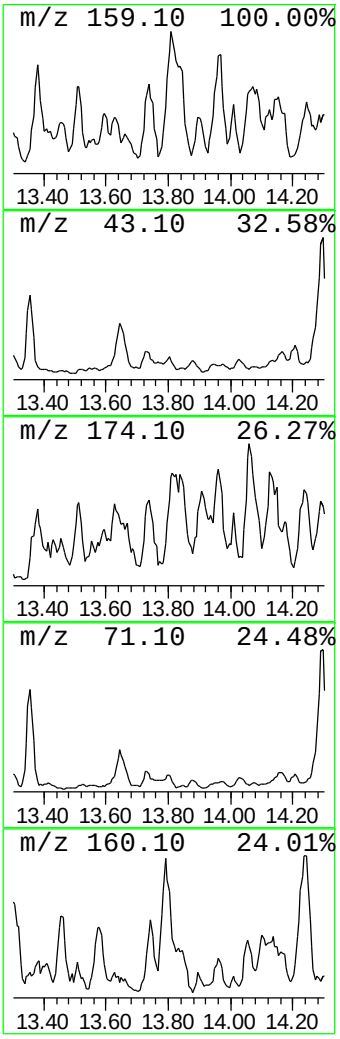
****

Peak Number 30 unknown-07 Concentration Rank 73

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.80	11.95 ng/ul	951600	Acenaphthene-d10	14.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-4-(...	174	C13H18	061142-76-5	41
2	1H-Indene, 2,3-dihydro-1,1,4,6-t...	174	C13H18	000941-60-6	38
3	1H-Indene, 2,3-dihydro-1,1,4,7-t...	174	C13H18	001078-04-2	38
4	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	030316-36-0	38
5	Indan, 1,1,6,7-tetramethyl-	174	C13H18	016204-58-3	38





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Acq On : 16 Dec 2016 11:38
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Sample : H5995-14 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA882

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

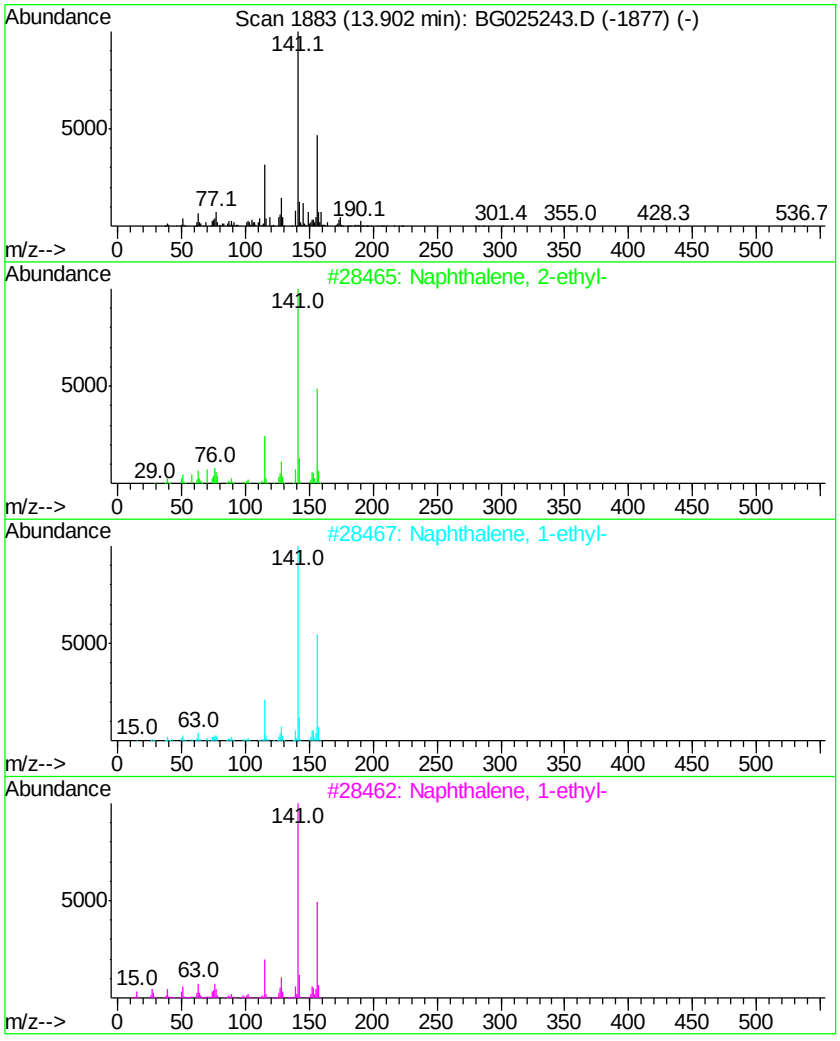
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

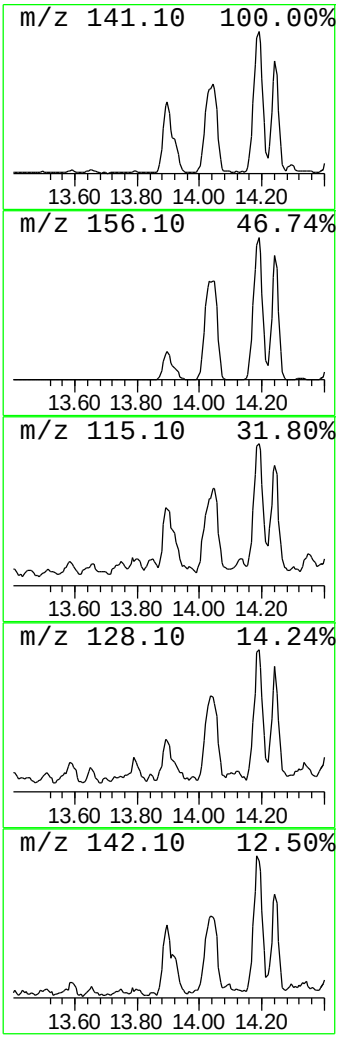
****

Peak Number 31 Naphthalene, 2-ethyl- Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.90	25.16 ng/ul	2004090	Acenaphthene-d10	14.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	93
2	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	93
3	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	91
4	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	90
5	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	90





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Acq On : 16 Dec 2016 11:38
Operator : UM/SJ
Sample : H5995-14 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA882

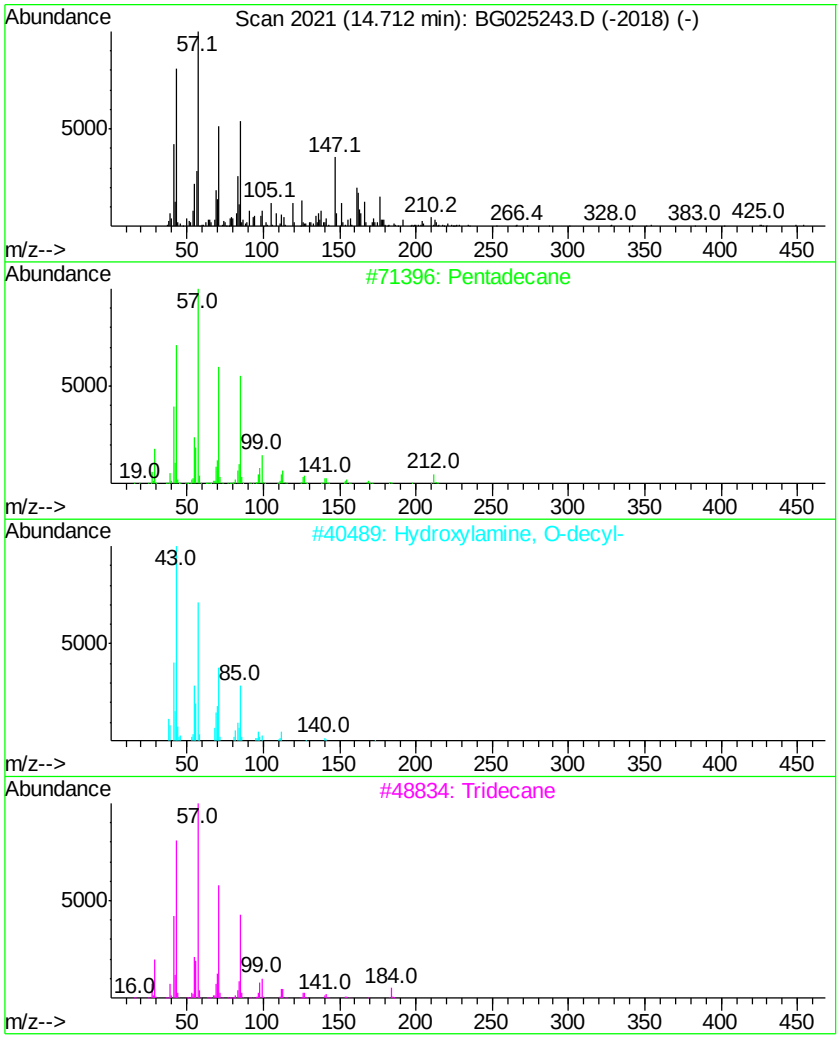
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

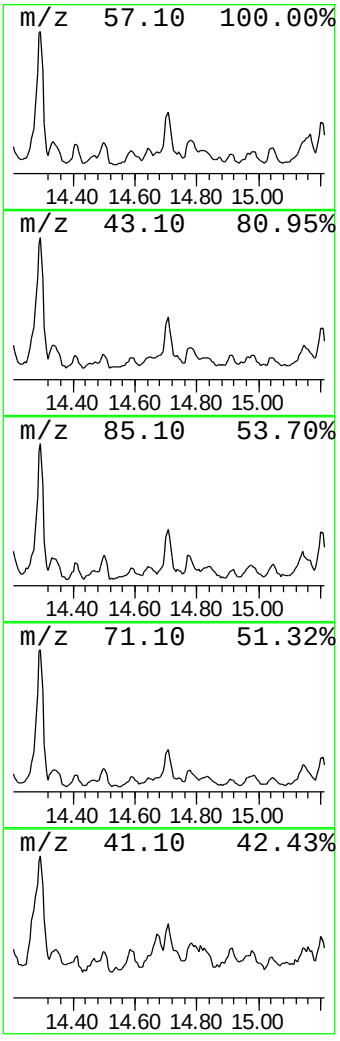
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 39 (DEL) Alkane: Straight-Chai... Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.71	18.23 ng/ul	1451860	Acenaphthene-d10	14.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	87
2	Hydroxylamine, O-decyl-	173	C10H23NO	029812-79-1	72
3	Tridecane	184	C13H28	000629-50-5	72
4	Pentadecane	212	C15H32	000629-62-9	64
5	Eicosane	282	C20H42	000112-95-8	64





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Data File : BG025243.D
Acq On : 16 Dec 2016 11:38
Operator : UM/SJ
Sample : H5995-14 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA882

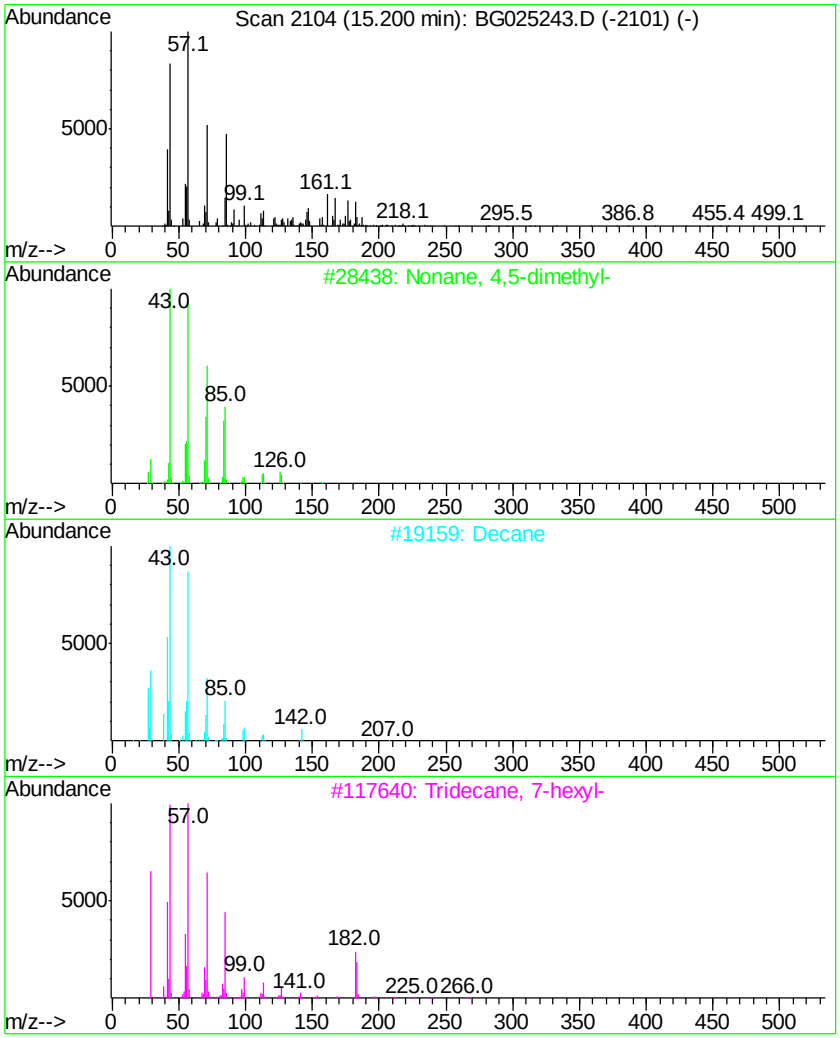
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

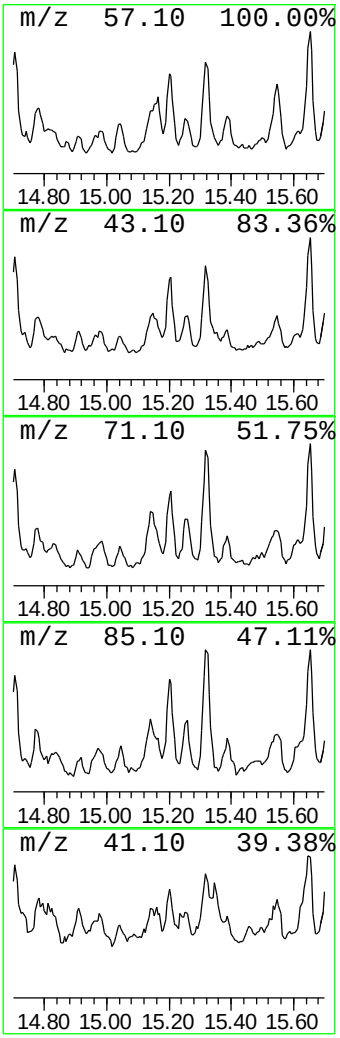
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 42 (DEL) Alkane: Straight-Chai... Concentration Rank 74

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.20	11.70 ng/ul	931621	Acenaphthene-d10	14.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	46
2	Decane	142	C10H22	000124-18-5	46
3	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	43
4	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	43
5	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	43





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Data File : BG025243.D
Acq On : 16 Dec 2016 11:38
Operator : UM/SJ
Sample : H5995-14 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA882

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

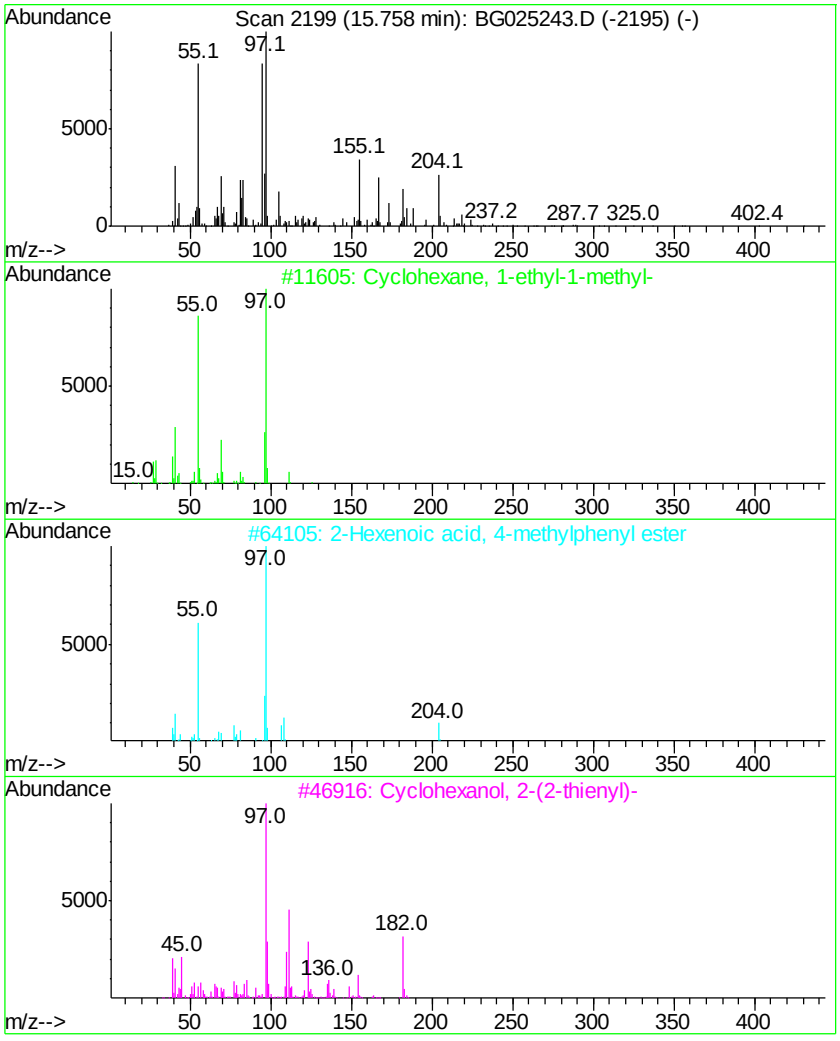
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

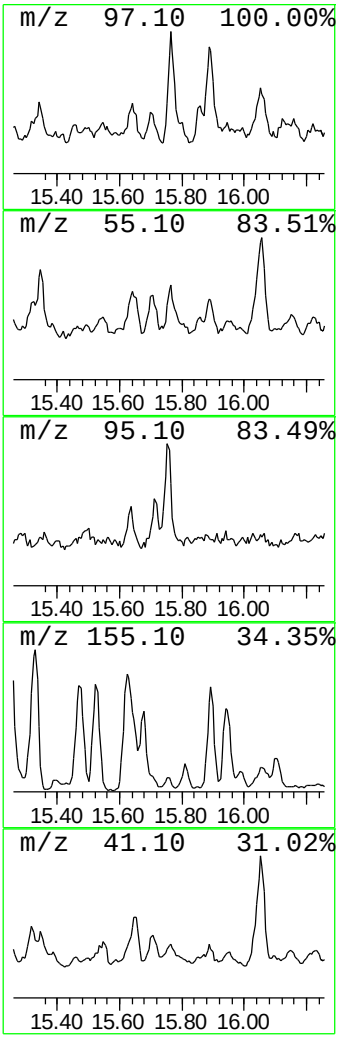
****

Peak Number 47 (DEL) Alkane: Cyclic15.76 Concentration Rank 65

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.76	16.91 ng/ul	1347060	Acenaphthene-d10	14.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	35
2	2-Hexenoic acid, 4-methylphenyl ...	204	C13H16O2	069687-91-8	35
3	Cyclohexanol, 2-(2-thienyl)-	182	C10H14OS	1000338-33-8	35
4	4-Piperidinol, 4-methyl-1-(phenyl...	274	C17H26N2O	1000327-25-8	27
5	2-Hexenoic acid, 2-hexenyl ester...	196	C12H20O2	054845-28-2	27





Library Search Compound Report

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Data File : BG025243.D
Acq On : 16 Dec 2016 11:38
Operator : UM/SJ
Sample : H5995-14 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA882

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

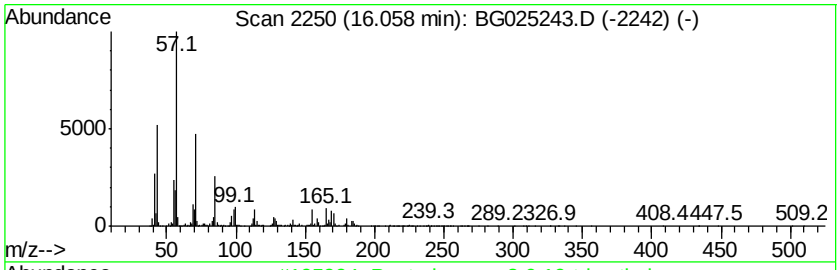
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

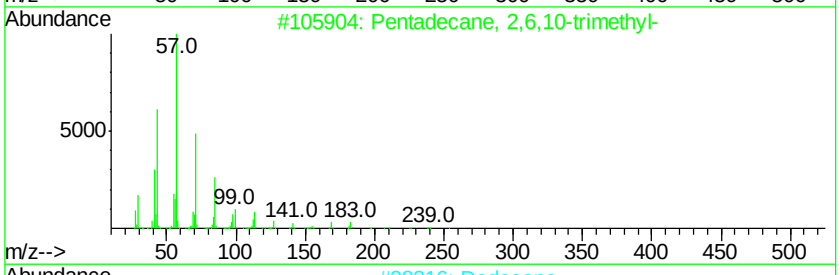
****

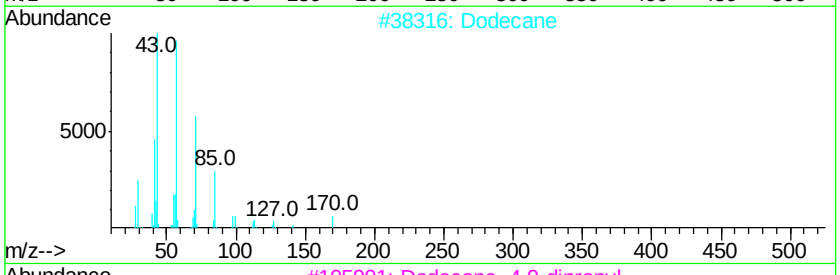
Peak Number 48 (DEL) Alkane: Straight-Chai... Concentration Rank 5

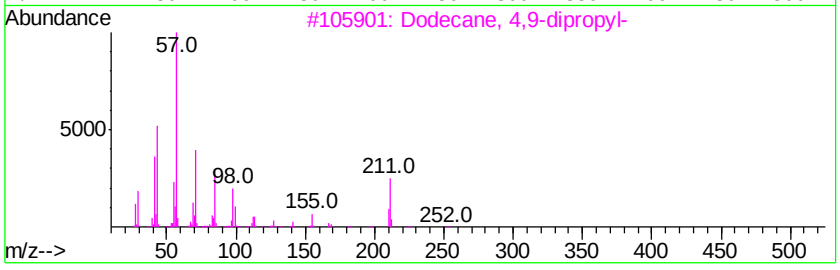
R.T.	EstConc	Area	Relative to ISTD	R.T.
16.06	90.59 ng/ul	7214790	Acenaphthene-d10	14.87

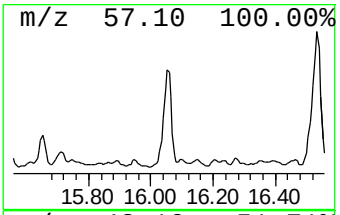
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	95
2	Dodecane	170	C12H26	000112-40-3	90
3	Dodecane, 4,9-dipropyl-	254	C18H38	003054-63-5	89
4	Tridecane, 5-propyl-	226	C16H34	055045-11-9	64
5	Decane, 2-methyl-	156	C11H24	006975-98-0	62

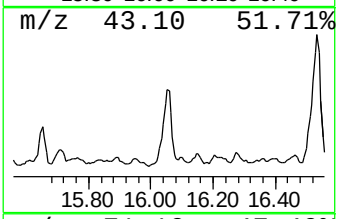


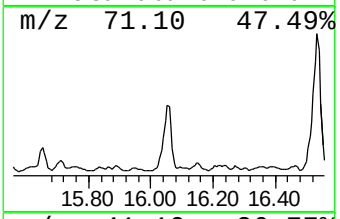


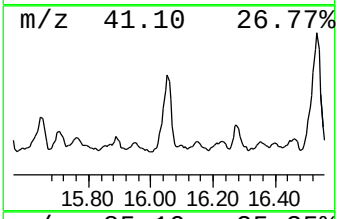


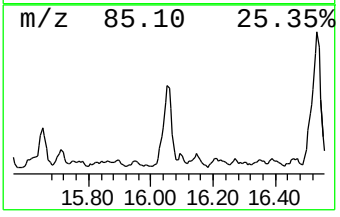












Data Path : Z:\HPCHEM1\BNA G\DATA\BG121516\
Data File : BG025243.D
Acq On : 16 Dec 2016 11:38
Operator : UM/SJ
Sample : H5995-14 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA882

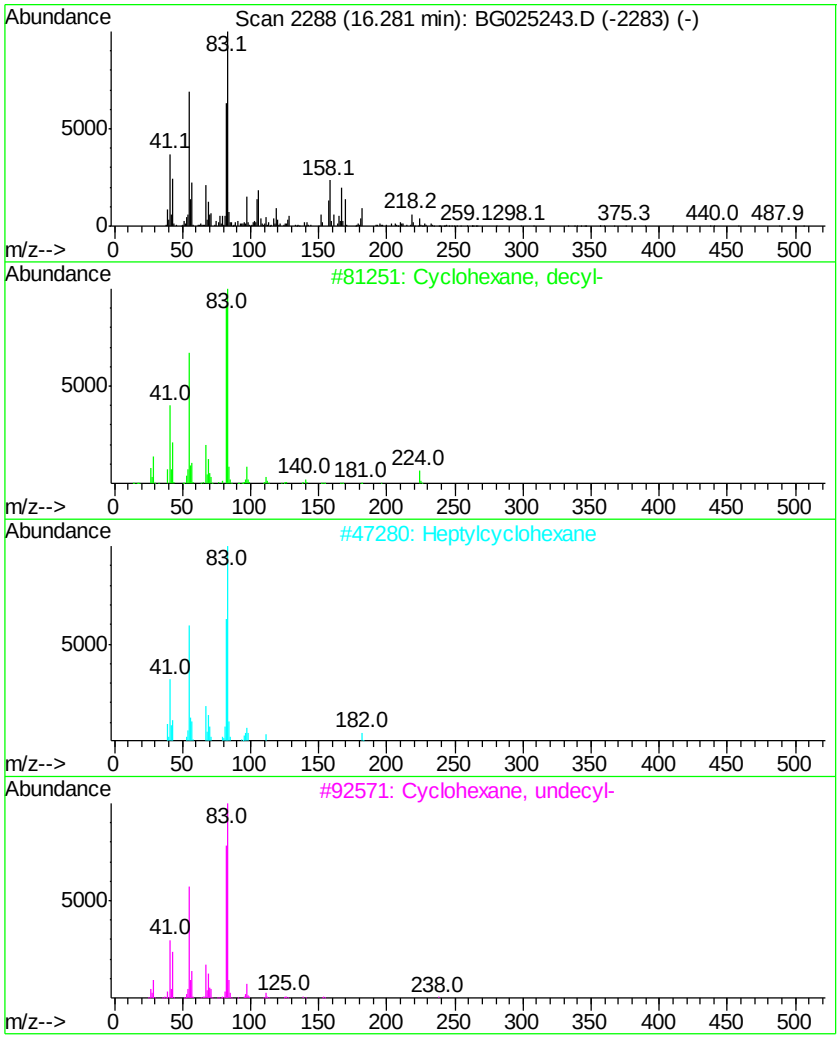
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

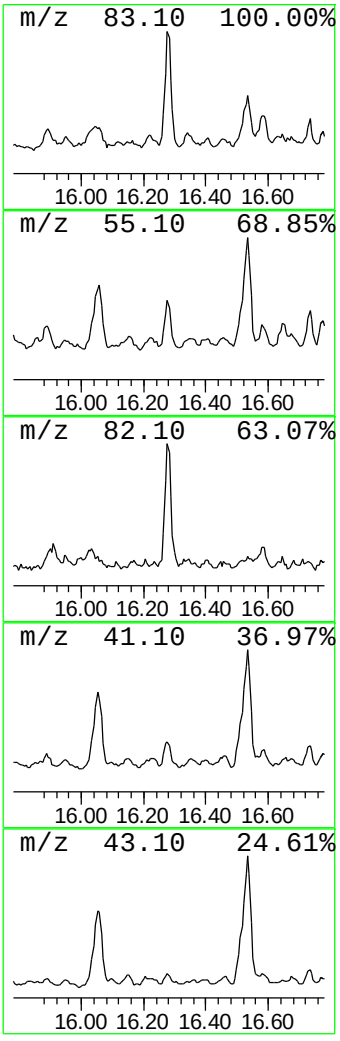
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 52 (DEL) Alkane: Cyclic16.28 Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.28	27.67 ng/ul	2644650	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, decyl-	224	C16H32	001795-16-0	81
2	Heptylcyclohexane	182	C13H26	005617-41-4	81
3	Cyclohexane, undecyl-	238	C17H34	054105-66-7	76
4	Heptylcyclohexane	182	C13H26	005617-41-4	74
5	Cyclohexane, octyl-	196	C14H28	001795-15-9	74





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Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA882

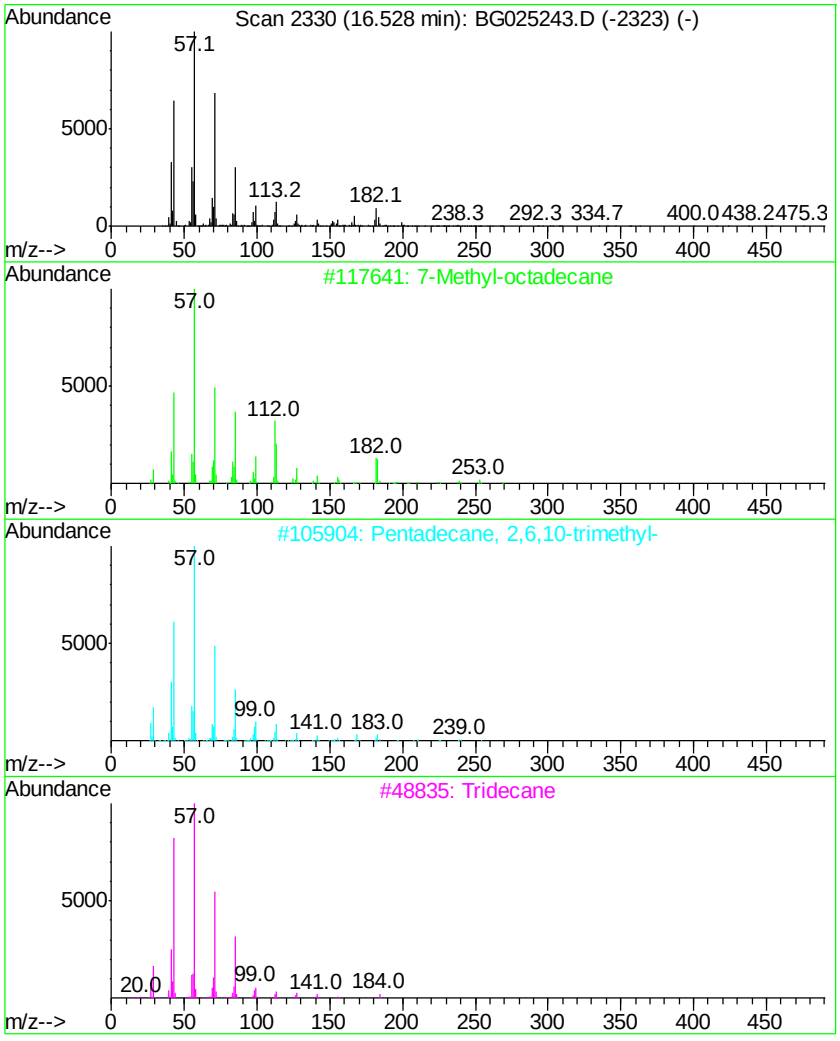
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

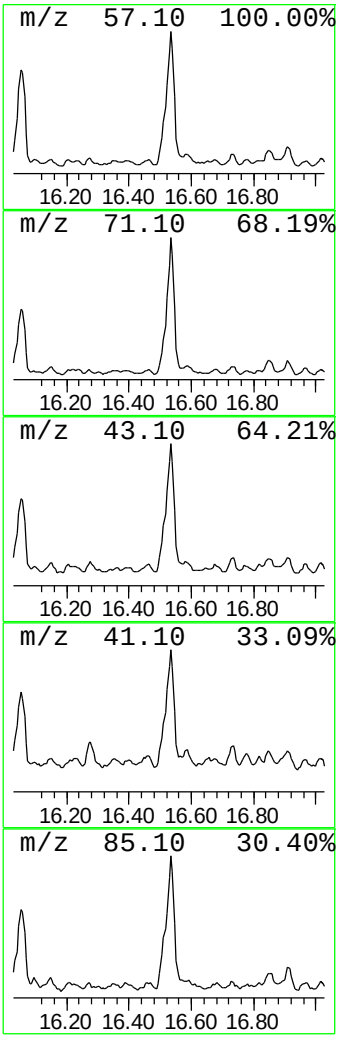
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 54 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.53	146.06 ng/ul	13961600	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Methyl-octadecane	268	C19H40	1000192-63-3	81
2	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	80
3	Tridecane	184	C13H28	000629-50-5	76
4	Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	74
5	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	74





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121516\
Data File : BG025243.D
Acq On : 16 Dec 2016 11:38
Operator : UM/SJ
Sample : H5995-14 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA882

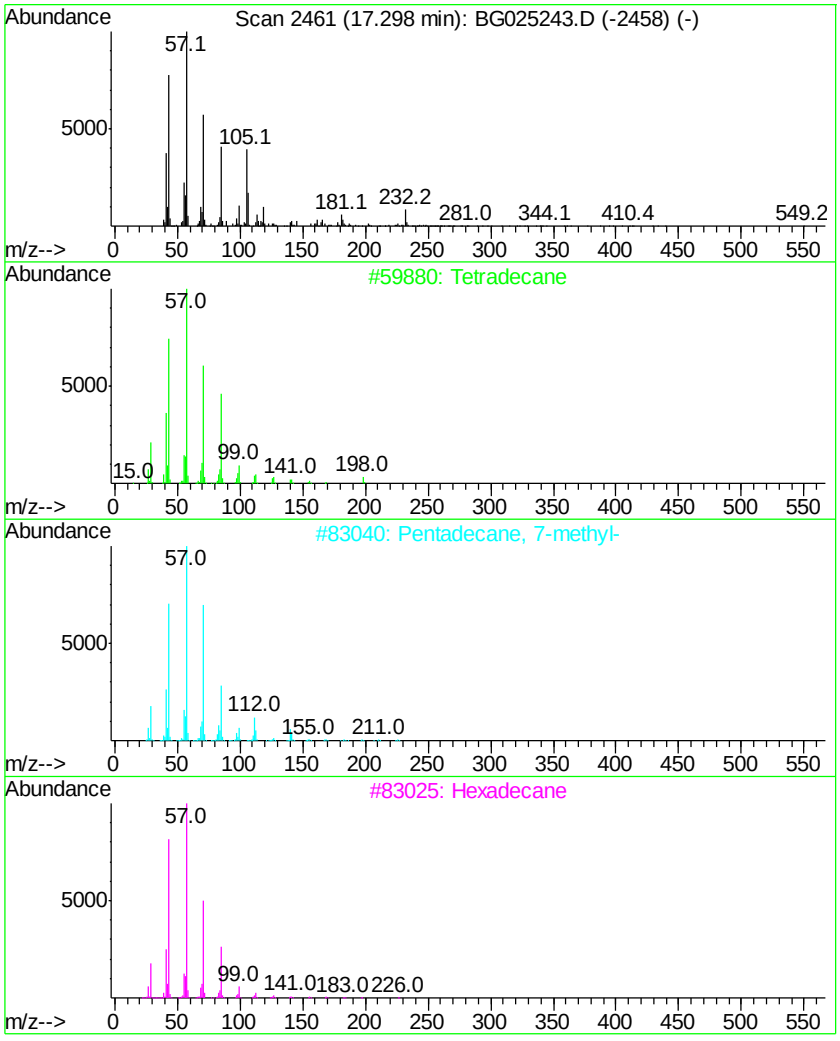
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

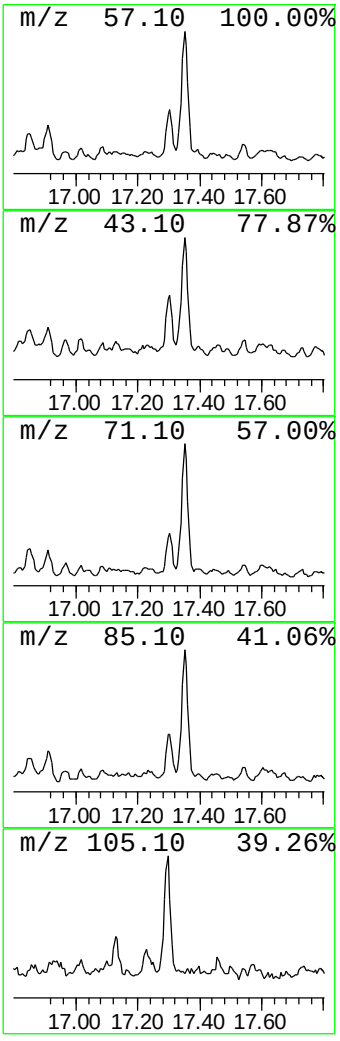
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 59 (DEL) Alkane: Straight-Chai... Concentration Rank 75

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.30	11.45 ng/ul	1094740	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	81
2	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	76
3	Hexadecane	226	C16H34	000544-76-3	76
4	Tridecane	184	C13H28	000629-50-5	76
5	Tetradecane	198	C14H30	000629-59-4	72





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121516\
Data File : BG025243.D
Acq On : 16 Dec 2016 11:38
Operator : UM/SJ
Sample : H5995-14 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA882

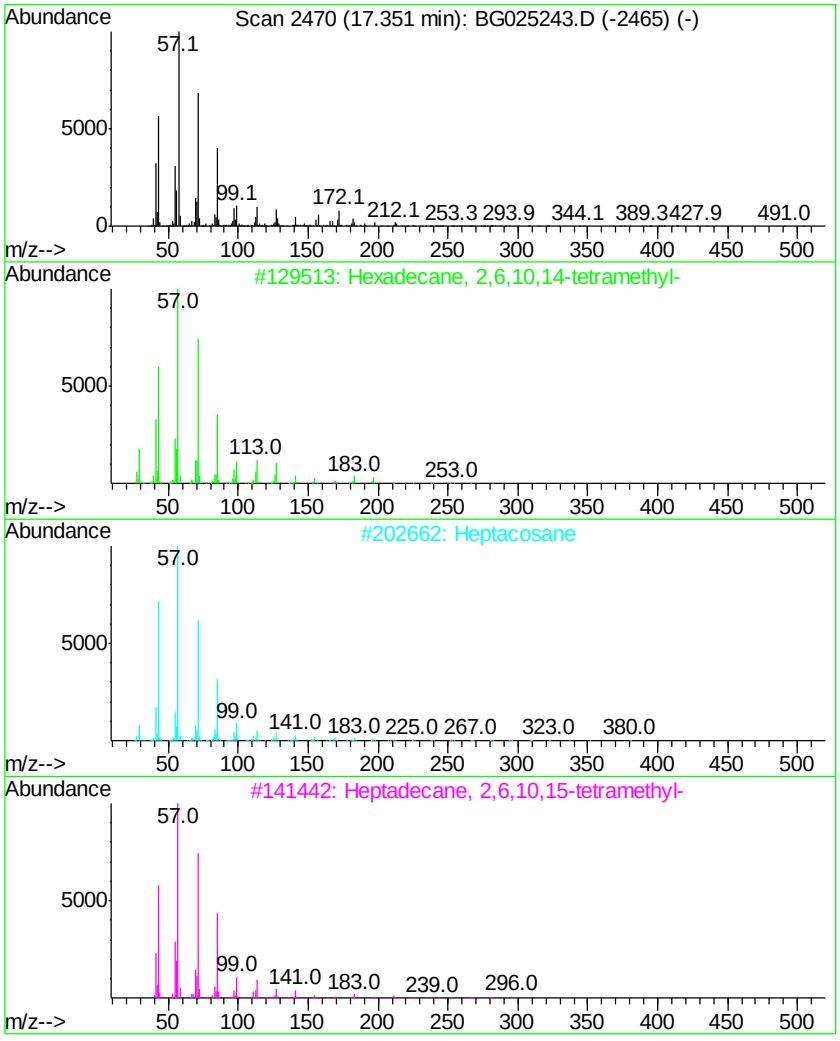
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

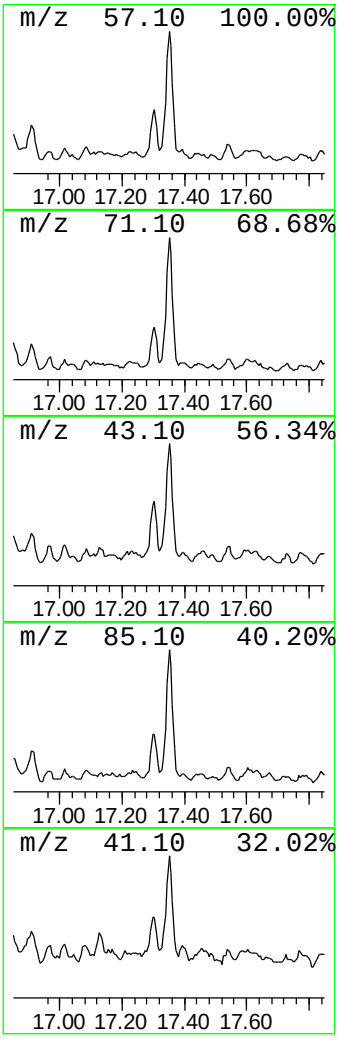
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 60 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.35	48.24 ng/ul	4611480	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	93
2	Heptacosane	380	C27H56	000593-49-7	83
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	83
4	Tridecane, 6-propyl-	226	C16H34	055045-10-8	83
5	Tetracosane	338	C24H50	000646-31-1	83





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121516\
Data File : BG025243.D
Acq On : 16 Dec 2016 11:38
Operator : UM/SJ
Sample : H5995-14 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA882

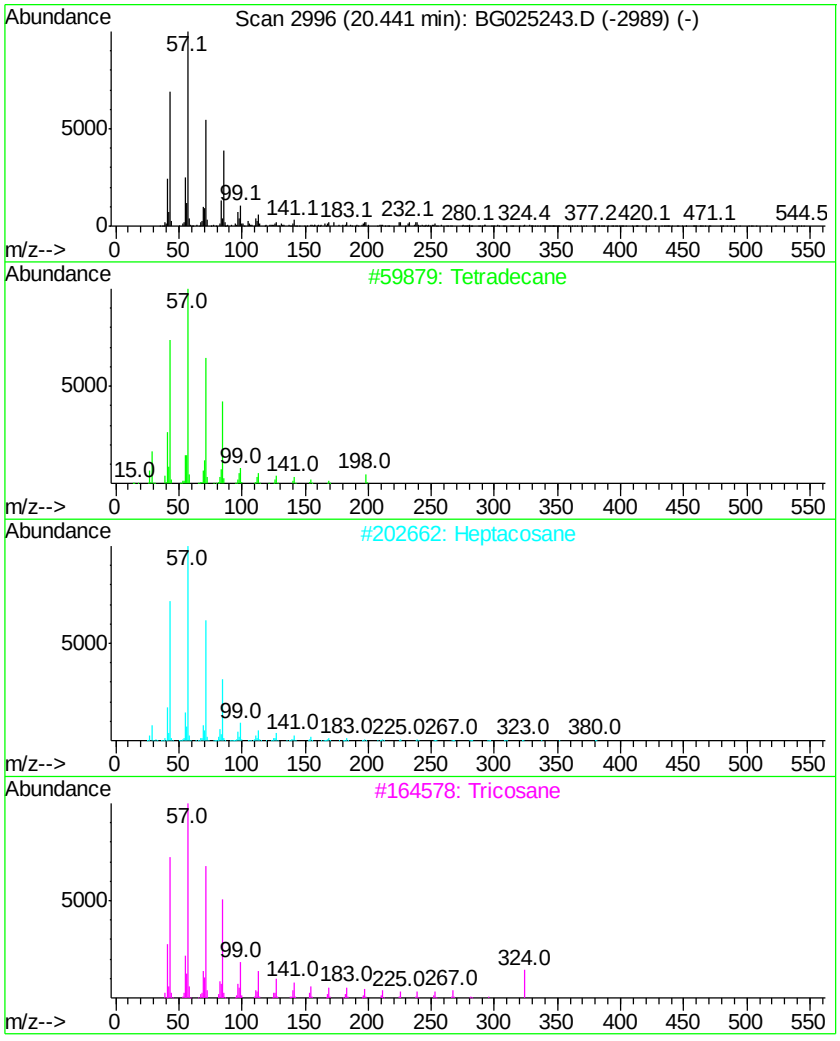
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

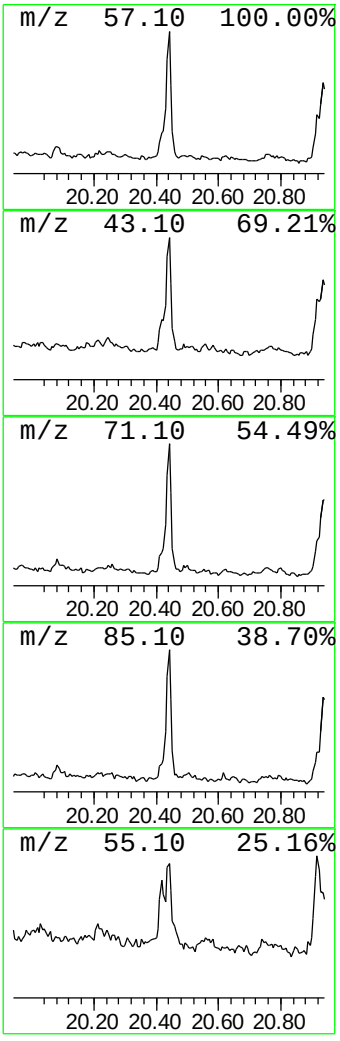
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 70 (DEL) Alkane: Straight-Chai... Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.44	19.69 ng/ul	1610470	Chrysene-d12	21.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	93
2	Heptacosane	380	C27H56	000593-49-7	87
3	Tricosane	324	C23H48	000638-67-5	87
4	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	87
5	Octacosane	394	C28H58	000630-02-4	87





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121516\
Data File : BG025243.D
Acq On : 16 Dec 2016 11:38
Operator : UM/SJ
Sample : H5995-14 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA882

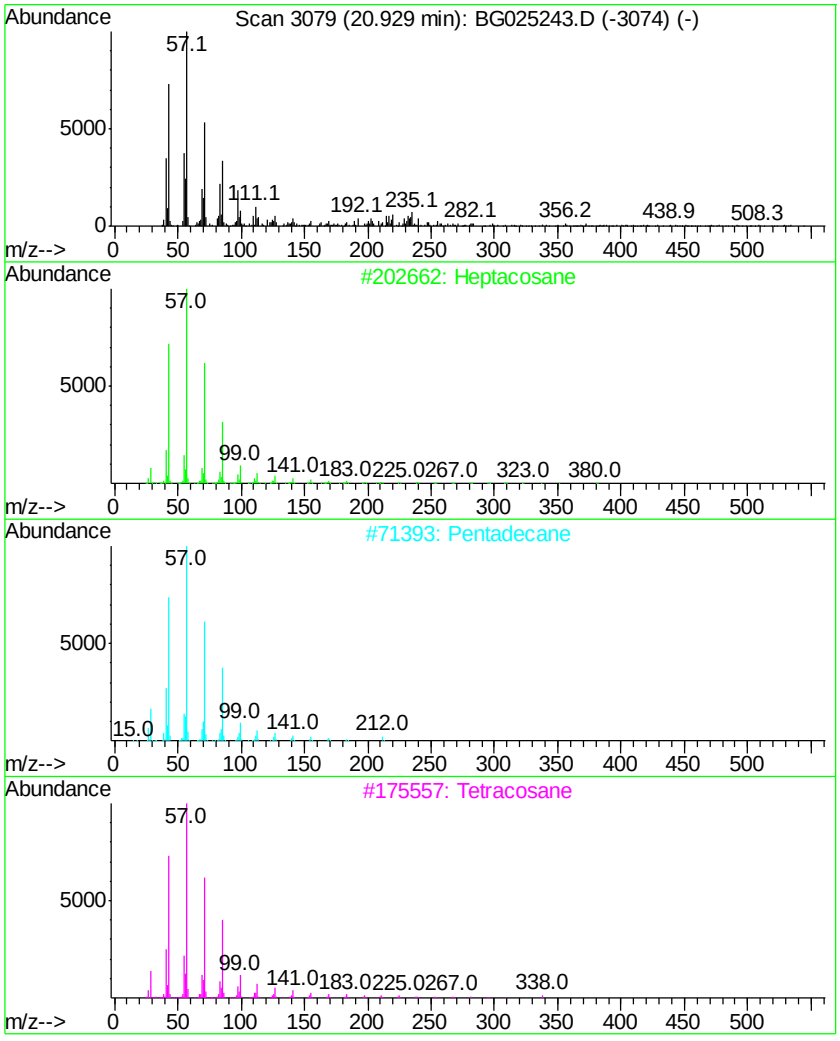
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

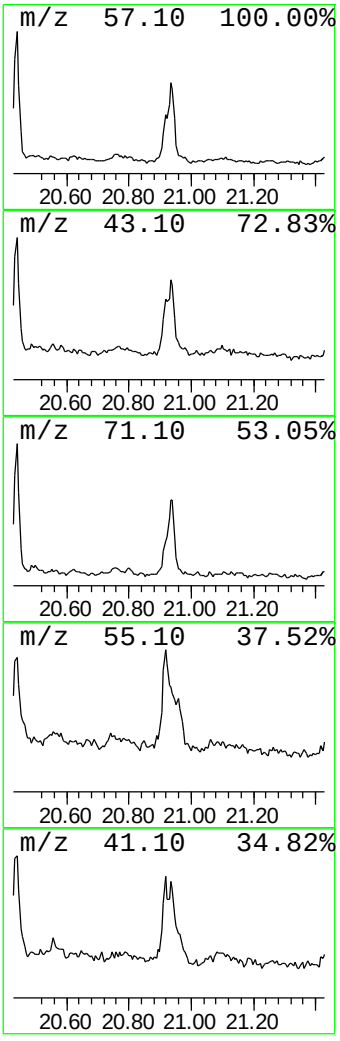
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 71 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.93	33.19 ng/ul	2715230	Chrysene-d12	21.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	93
2	Pentadecane	212	C15H32	000629-62-9	91
3	Tetracosane	338	C24H50	000646-31-1	81
4	Decane, 1-iodo-	268	C10H21I	002050-77-3	74
5	Nonadecane	268	C19H40	000629-92-5	68





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121516\
Data File : BG025243.D
Acq On : 16 Dec 2016 11:38
Operator : UM/SJ
Sample : H5995-14 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA882

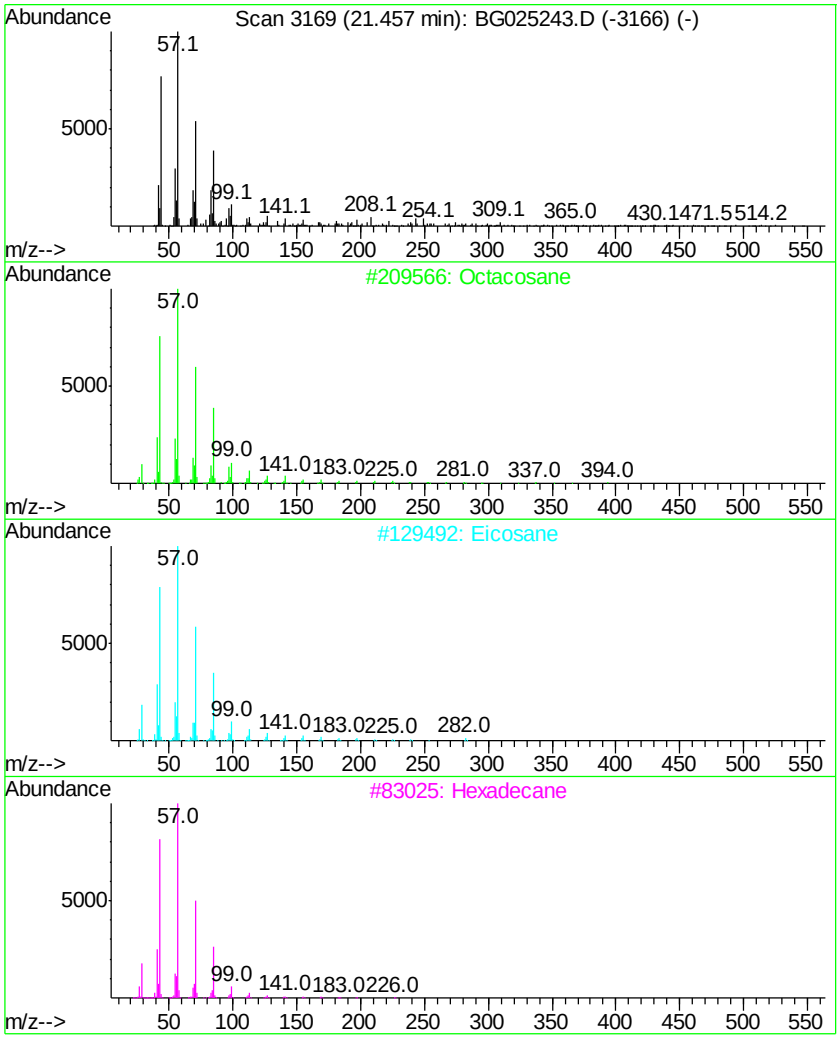
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

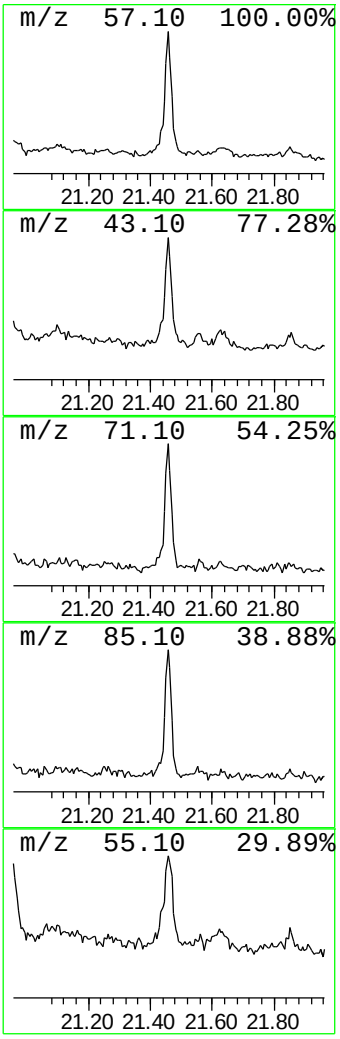
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 72 (DEL) Alkane: Straight-Chai... Concentration Rank 62

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.46	17.62 ng/ul	1441490	Chrysene-d12	21.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	94
2	Eicosane	282	C20H42	000112-95-8	93
3	Hexadecane	226	C16H34	000544-76-3	91
4	Eicosane	282	C20H42	000112-95-8	83
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121516\
Data File : BG025243.D
Acq On : 16 Dec 2016 11:38
Operator : UM/SJ
Sample : H5995-14 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA882

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
1,3,8-p-Menthatriene	8.86	20.0	ng/ul	1163530	1	8.24	1163530	20.0
o-Cymene	9.33	22.1	ng/ul	1286110	1	8.24	1163530	20.0
3-Phenyl-2-propyn...	9.59	19.6	ng/ul	1138350	1	8.24	1163530	20.0
Benzofuran, 2-met...	9.78	22.6	ng/ul	1135710	2	11.07	1003330	20.0
1-Phenyl-1-butene	10.44	29.8	ng/ul	1493990	2	11.07	1003330	20.0
Phenol, 3-ethyl-	10.50	51.9	ng/ul	2600910	2	11.07	1003330	20.0
Phenol, 3,5-dimet...	10.54	36.4	ng/ul	1824260	2	11.07	1003330	20.0
1H-Benzimidazole,...	11.30	27.3	ng/ul	1369390	2	11.07	1003330	20.0
Benzofuran, 4,7-d...	11.42	32.8	ng/ul	1643150	2	11.07	1003330	20.0
Cinnoline, 1,2-di...	11.47	23.8	ng/ul	1191710	2	11.07	1003330	20.0
Phenol, 2-ethyl-6...	11.59	28.9	ng/ul	1451840	2	11.07	1003330	20.0
unknown-01	11.65	19.0	ng/ul	953588	2	11.07	1003330	20.0
(DEL) Alkane: Cyc...	11.73	45.0	ng/ul	2256590	2	11.07	1003330	20.0
Phenol, 3-propyl-	11.89	113.9	ng/ul	5715630	2	11.07	1003330	20.0
(DEL) Alkane: Str...	12.02	46.3	ng/ul	2323530	2	11.07	1003330	20.0
Phenol, 2,4,6-tri...	12.08	30.6	ng/ul	1537020	2	11.07	1003330	20.0
Phenol, 2,3,5-tri...	12.13	26.8	ng/ul	1342160	2	11.07	1003330	20.0
(DEL) Alkane: Str...	12.42	47.2	ng/ul	2369770	2	11.07	1003330	20.0
(DEL) Alkane: Str...	12.63	40.7	ng/ul	2042590	2	11.07	1003330	20.0
2-Methyl-6-propyl...	12.83	45.7	ng/ul	2291770	2	11.07	1003330	20.0
Naphthalene, 1-me...	12.93	60.0	ng/ul	3011810	2	11.07	1003330	20.0
unknown-03	13.01	13.5	ng/ul	1072470	3	14.87	1592770	20.0
unknown-04	13.06	34.2	ng/ul	2722510	3	14.87	1592770	20.0
Cyclohexane, 1,1'...	13.12	42.3	ng/ul	3371690	3	14.87	1592770	20.0
unknown-05	13.21	21.3	ng/ul	1696990	3	14.87	1592770	20.0
(DEL) Alkane: Str...	13.30	28.4	ng/ul	2257490	3	14.87	1592770	20.0
(DEL) Alkane: Str...	13.36	60.0	ng/ul	4780300	3	14.87	1592770	20.0
unknown-06	13.57	17.4	ng/ul	1383600	3	14.87	1592770	20.0
(DEL) Alkane: Str...	13.64	35.8	ng/ul	2848960	3	14.87	1592770	20.0
unknown-07	13.80	11.9	ng/ul	951600	3	14.87	1592770	20.0
Naphthalene, 2-et...	13.90	25.2	ng/ul	2004090	3	14.87	1592770	20.0
(DEL) Alkane: Str...	14.71	18.2	ng/ul	1451860	3	14.87	1592770	20.0
(DEL) Alkane: Str...	15.20	11.7	ng/ul	931621	3	14.87	1592770	20.0
(DEL) Alkane: Cyc...	15.76	16.9	ng/ul	1347060	3	14.87	1592770	20.0
(DEL) Alkane: Str...	16.06	90.6	ng/ul	7214790	3	14.87	1592770	20.0
(DEL) Alkane: Cyc...	16.28	27.7	ng/ul	2644650	4	17.61	1911780	20.0
(DEL) Alkane: Str...	16.53	146.1	ng/ul	13961600	4	17.61	1911780	20.0
(DEL) Alkane: Str...	17.30	11.4	ng/ul	1094740	4	17.61	1911780	20.0
(DEL) Alkane: Str...	17.35	48.2	ng/ul	4611480	4	17.61	1911780	20.0
(DEL) Alkane: Str...	20.44	19.7	ng/ul	1610470	5	21.90	1636110	20.0
(DEL) Alkane: Str...	20.93	33.2	ng/ul	2715230	5	21.90	1636110	20.0
(DEL) Alkane: Str...	21.46	17.6	ng/ul	1441490	5	21.90	1636110	20.0