LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\Data\BG081117\
Data File : BG028296.D
Acq On : 11 Aug 2017 18:57
Operator : SJ/JU
Sample : I4557-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC4

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\SOM-EPA-BG080217.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	7.503	659	666	674	rBV	142289	296691	20.47%	0.866%
2	7.668	688	694	701	rBV	95355	166402	11.48%	0.486%
3	7.885	723	731	738	rVV	123361	227212	15.68%	0.664%
4	8.355	798	811	823	rVB	159217	288421	19.90%	0.842%
5	9.043	922	928	937	rVB	168569	310933	21.46%	0.908%
6	9.518	1002	1009	1021	rVV3	131531	335288	23.14%	0.979%
7	9.830	1048	1062	1068	rVV6	37555	110273	7.61%	0.322%
8	9.900	1068	1074	1083	rVV	72215	132569	9.15%	0.387%
9	10.247	1125	1133	1141	rVV	120922	247269	17.06%	0.722%
10	10.318	1141	1145	1156	rVV5	32509	93511	6.45%	0.273%
11	10.582	1181	1190	1195	rBV7	58762	183780	12.68%	0.537%
12	10.788	1219	1225	1233	rVV	179959	350899	24.21%	1.025%
13	11.105	1272	1279	1283	rBV2	58871	95010	6.56%	0.277%
14	11.175	1283	1291	1296	rVV	242016	485442	33.50%	1.418%
15	11.222	1296	1299	1305	rVB2	72997	119488	8.25%	0.349%
16	11.305	1305	1313	1325	rBV2	131471	351999	24.29%	1.028%
17	11.404	1325	1330	1344	rVB3	80473	261063	18.01%	0.762%
18	11.534	1344	1352	1355	rBV4	80783	160354	11.07%	0.468%
19	11.575	1355	1359	1366	rVV2	169678	318751	22.00%	0.931%
20	11.974	1422	1427	1436	rVB	88405	152696	10.54%	0.446%
21	12.368	1489	1494	1500	rVB3	57639	117078	8.08%	0.342%
22	12.533	1517	1522	1527	rBV2	124430	190242	13.13%	0.556%
23	12.685	1544	1548	1559	rVB3	57426	167485	11.56%	0.489%
24	12.803	1563	1568	1572	rBV	227615	387373	26.73%	1.131%
25	12.844	1572	1575	1579	rVB	96138	143349	9.89%	0.419%
26	13.020	1600	1605	1612	rVB	153226	258788	17.86%	0.756%
27	13.108	1613	1620	1623	rBV3	103271	202955	14.00%	0.593%
28	13.144	1623	1626	1631	rVV	128372	198976	13.73%	0.581%
29	13.202	1631	1636	1648	rVB10	64825	215406	14.86%	0.629%
30	13.373	1659	1665	1669	rBV4	63725	124326	8.58%	0.363%
31	13.667	1711	1715	1723	rVV5	90458	238460	16.45%	0.696%
32	13.749	1723	1729	1734	rVV2	194073	299885	20.69%	0.876%
33	13.925	1750	1759	1765	rBV6	66946	203548	14.05%	0.594%
34	13.990	1765	1770	1779	rBV7	69541	208253	14.37%	0.608%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\Data\BG081117\
Data File : BG028296.D
Acq On : 11 Aug 2017 18:57
Operator : SJ/JU
Sample : I4557-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC4

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\SOM-EPA-BG080217.M
Title : SVOA CALIBRATION

35	14.113	1785	1791	1794	rBV5	111187	230968	15.94%	0.675%
36	14.278	1813	1819	1824	rBV3	172221	351434	24.25%	1.026%
37	14.348	1824	1831	1835	rVV2	386816	772731	53.32%	2.257%
38	14.395	1835	1839	1843	rVV2	149366	222827	15.38%	0.651%
39	14.442	1843	1847	1852	rVB5	70385	109904	7.58%	0.321%
40	14.518	1853	1860	1867	rBV6	86242	213409	14.73%	0.623%
41	14.654	1877	1883	1892	rBV	385891	761983	52.58%	2.225%
42	14.742	1895	1898	1906	rVB8	60896	98890	6.82%	0.289%
43	14.812	1906	1910	1914	rBV	201183	283530	19.56%	0.828%
44	14.959	1925	1935	1941	rBV2	397678	825154	56.94%	2.410%
45	15.024	1943	1946	1951	rVB6	72034	102664	7.08%	0.300%
46	15.083	1952	1956	1960	rBV7	48850	91545	6.32%	0.267%
47	15.153	1962	1968	1979	rVB5	158272	413096	28.51%	1.206%
48	15.241	1979	1983	1988	rBV4	49235	108635	7.50%	0.317%
49	15.341	1994	2000	2009	rVB4	125616	353674	24.40%	1.033%
50	15.417	2009	2013	2019	rBV5	109396	174427	12.04%	0.509%
51	15.623	2043	2048	2056	rVB9	99438	200501	13.84%	0.586%
52	15.717	2057	2064	2068	rBV5	132954	327652	22.61%	0.957%
53	15.764	2068	2072	2080	rVB3	189419	313382	21.62%	0.915%
54	15.876	2087	2091	2094	rBV4	62538	100205	6.91%	0.293%
55	15.946	2099	2103	2108	rBV	435523	603412	41.64%	1.762%
56	16.005	2108	2113	2117	rVB3	113007	185546	12.80%	0.542%
57	16.064	2119	2123	2132	rVB2	173338	264381	18.24%	0.772%
58	16.199	2143	2146	2152	rVB6	66448	117310	8.09%	0.343%
59	16.381	2172	2177	2179	rBV2	88503	134114	9.25%	0.392%
60	16.563	2201	2208	2212	rBV7	91315	205636	14.19%	0.601%
61	16.622	2213	2218	2222	rBV2	282489	380294	26.24%	1.111%
62	16.716	2230	2234	2238	rVB6	85062	127236	8.78%	0.372%
63	16.998	2275	2282	2287	rBV5	166735	414805	28.62%	1.211%
64	17.057	2288	2292	2297	rVB3	115340	184056	12.70%	0.538%
65	17.157	2306	2309	2315	rBV6	67216	133999	9.25%	0.391%
66	17.368	2342	2345	2349	rVV5	94614	115998	8.00%	0.339%
67	17.415	2349	2353	2361	rVB2	302782	523478	36.12%	1.529%
68	17.544	2371	2375	2380	rVB2	147593	236502	16.32%	0.691%
69	17.709	2396	2403	2407	rBV	470725	797016	55.00%	2.328%
70	17.809	2414	2420	2429	rVV2	499074	856381	59.09%	2.501%
71	17.885	2429	2433	2439	rVB5	162143	326176	22.51%	0.953%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\Data\BG081117\
Data File : BG028296.D
Acq On : 11 Aug 2017 18:57
Operator : SJ/JU
Sample : I4557-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC4

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\SOM-EPA-BG080217.M
Title : SVOA CALIBRATION

72	18.114	2469	2472	2475	rBV3	111069	144999	10.01%	0.423%
73	18.155	2475	2479	2491	rVB	295658	513438	35.43%	1.499%
74	18.338	2506	2510	2515	rBV6	76882	134919	9.31%	0.394%
75	18.561	2544	2548	2555	rBV3	238227	393523	27.15%	1.149%
76	18.708	2569	2573	2579	rBV5	69970	132099	9.12%	0.386%
77	18.808	2587	2590	2592	rVB2	109359	118205	8.16%	0.345%
78	18.837	2592	2595	2602	rVB	276911	339633	23.44%	0.992%
79	19.430	2693	2696	2698	rBV4	113871	116220	8.02%	0.339%
80	19.466	2698	2702	2709	rVB	426836	615727	42.49%	1.798%
81	19.918	2775	2779	2783	rBV3	88185	169935	11.73%	0.496%
82	20.006	2790	2794	2797	rBV	673136	854590	58.97%	2.496%
83	20.083	2803	2807	2817	rVB	643404	1058929	73.07%	3.093%
84	20.564	2882	2889	2898	rVB	358728	669475	46.20%	1.955%
85	21.052	2967	2972	2987	rVB2	649225	1449191	100.00%	4.232%
86	21.610	3061	3067	3078	rVB	507072	865737	59.74%	2.528%
87	21.775	3091	3095	3109	rVB	256828	438140	30.23%	1.280%
88	22.039	3131	3140	3147	rVB	512722	1075462	74.21%	3.141%
89	22.168	3158	3162	3171	rBV3	226875	439833	30.35%	1.285%
90	22.245	3172	3175	3184	rVB3	164665	240625	16.60%	0.703%
91	22.873	3278	3282	3291	rBV3	109254	236619	16.33%	0.691%
92	25.306	3688	3696	3710	rVB2	274284	835389	57.65%	2.440%
93	25.547	3730	3737	3754	rVB2	262075	836271	57.71%	2.442%
94	26.199	3841	3848	3859	rVB6	126225	371868	25.66%	1.086%
95	26.663	3921	3927	3945	rVB6	106046	414287	28.59%	1.210%
96	26.863	3951	3961	3973	rVB5	252569	789056	54.45%	2.304%
97	27.445	4050	4060	4062	rBV7	90672	266930	18.42%	0.780%
98	27.509	4065	4071	4088	rVB9	304677	1069951	73.83%	3.125%
99	31.328	4712	4721	4738	rVB9	39619	178613	12.33%	0.522%
100	32.492	4907	4919	4933	rBV9	30890	164027	11.32%	0.479%

Sum of corrected areas: 34240817

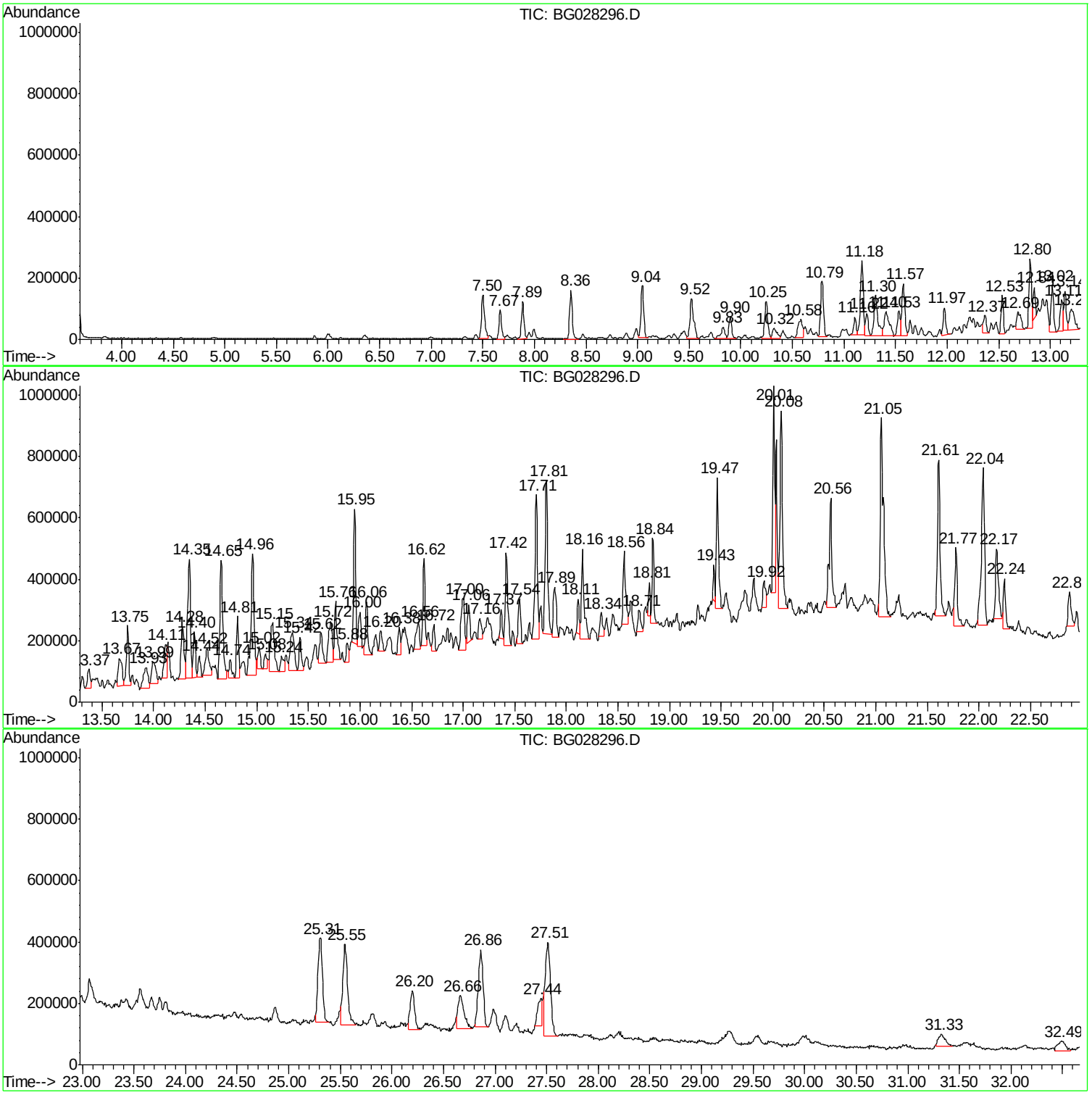
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\Data\BG081117\
Data File : BG028296.D
Acq On : 11 Aug 2017 18:57
Operator : SJ/JU
Sample : I4557-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\Data\BG081117\
Data File : BG028296.D
Acq On : 11 Aug 2017 18:57
Operator : SJ/JU
Sample : I4557-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

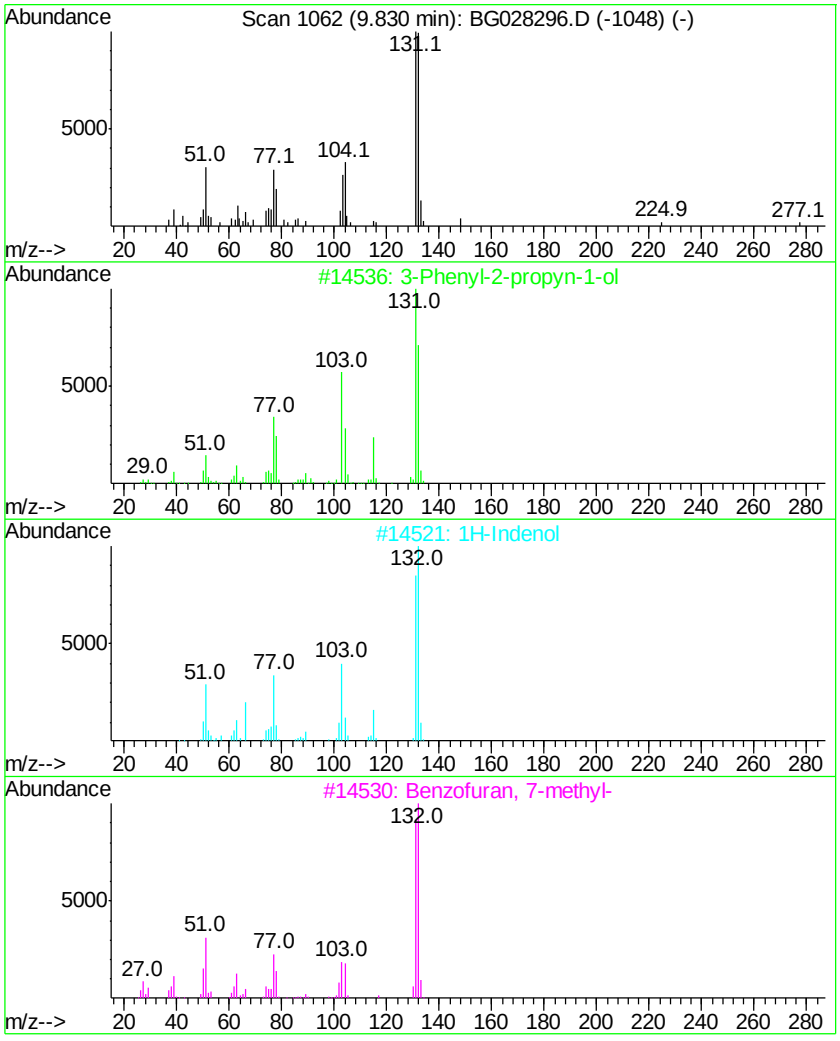
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

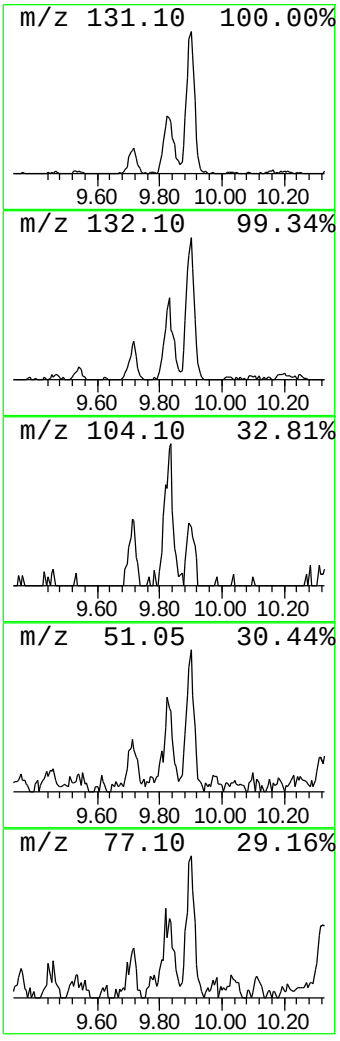
****

Peak Number 1 3-Phenyl-2-propyn-1-ol Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.83	4.54 ng/ul	110273	Naphthalene-d8	11.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	90
2	1H-Indenol	132	C9H8O	056631-57-3	90
3	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	87
4	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	87
5	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	86





Data Path : Z:\HPCHEM1\BNA G\Data\BG081117\
Data File : BG028296.D
Acq On : 11 Aug 2017 18:57
Operator : SJ/JU
Sample : I4557-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

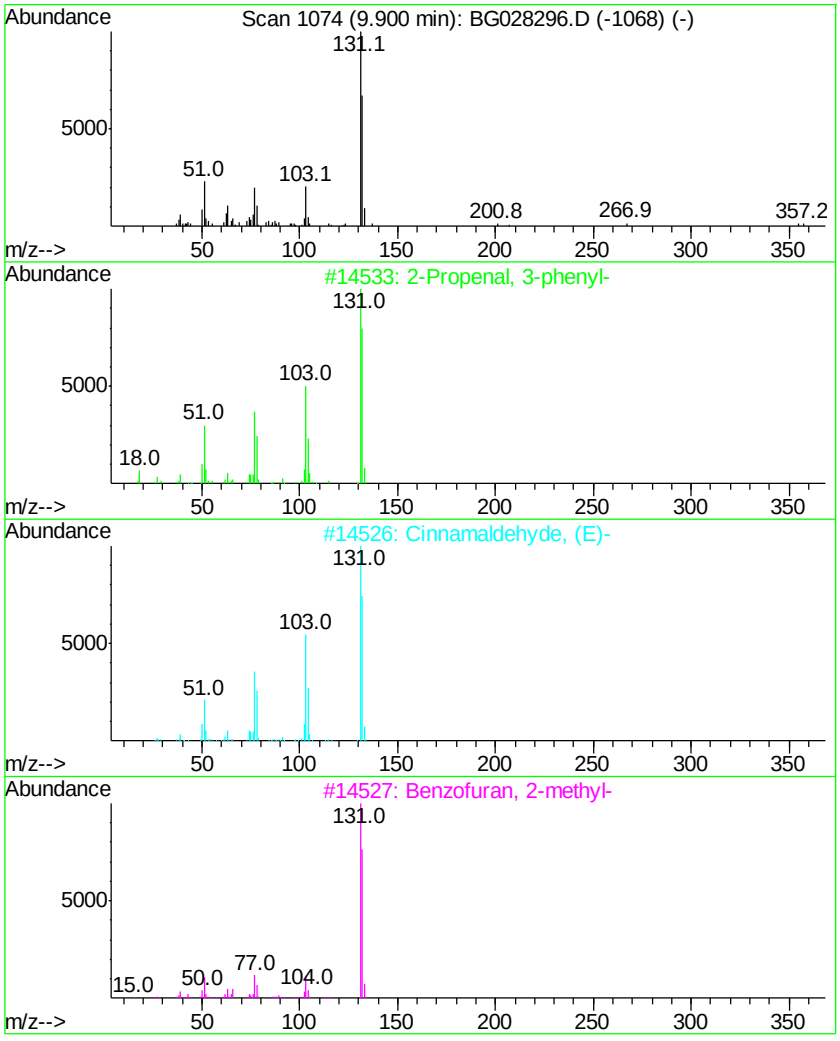
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

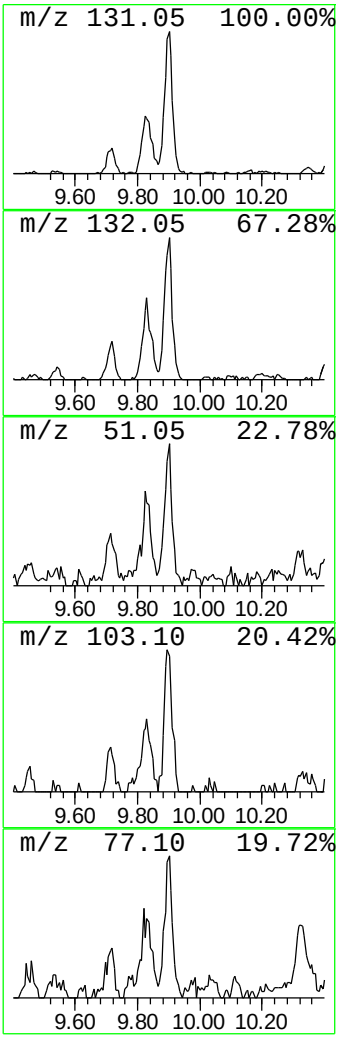
****

Peak Number 2 2-Propenal, 3-phenyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.90	5.46 ng/ul	132569	Naphthalene-d8	11.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	91
2	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	91
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90
4	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	90
5	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90





Data Path : Z:\HPCHEM1\BNA G\Data\BG081117\
Data File : BG028296.D
Acq On : 11 Aug 2017 18:57
Operator : SJ/JU
Sample : I4557-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

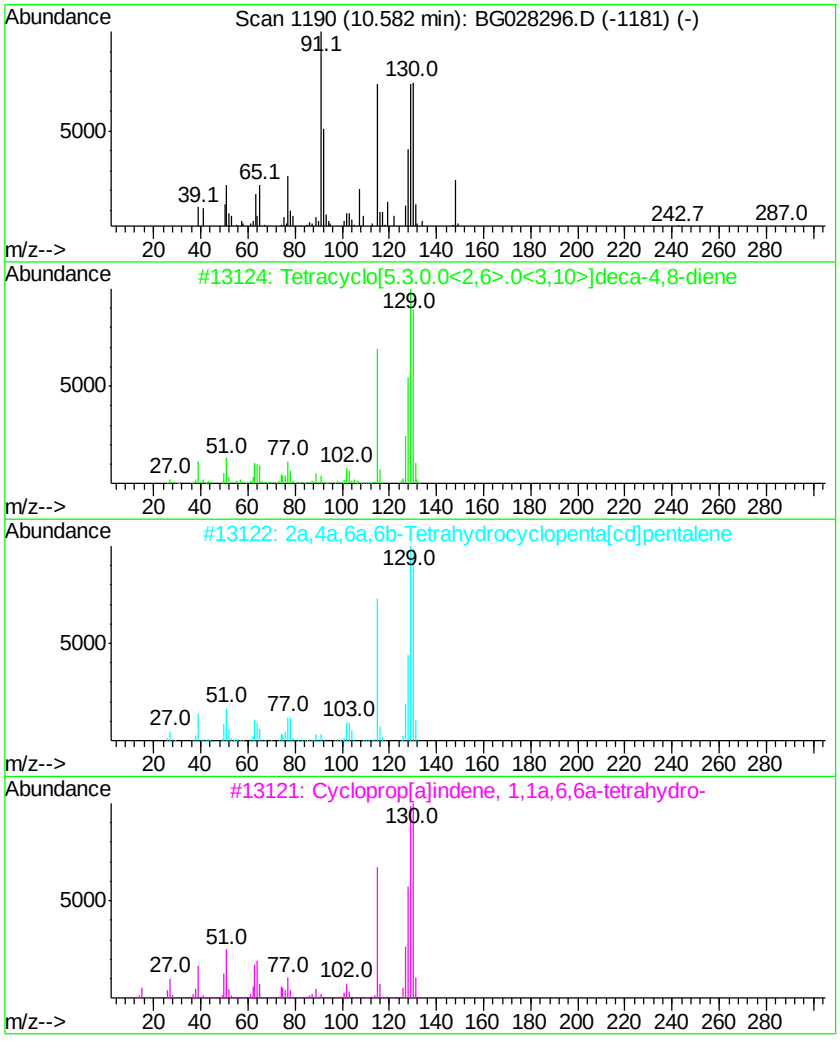
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

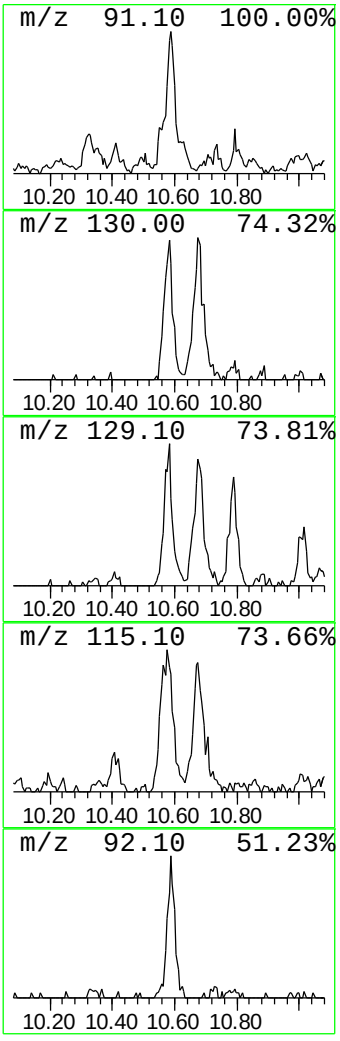
****

Peak Number 3 Tetracyclo[5.3.0.0<2,6>.0<3... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.58	7.57 ng/ul	183780	Naphthalene-d8	11.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracyclo[5.3.0.0<2,6>.0<3,10>]...	130	C10H10	034324-40-8	91
2	2a,4a,6a,6b-Tetrahydrocyclopenta...	130	C10H10	006053-74-3	87
3	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	83
4	2-Methylindene	130	C10H10	002177-47-1	64
5	Benzene, (1-methylene-2-propenyl)-	130	C10H10	002288-18-8	64





Data Path : Z:\HPCHEM1\BNA G\Data\BG081117\
Data File : BG028296.D
Acq On : 11 Aug 2017 18:57
Operator : SJ/JU
Sample : I4557-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

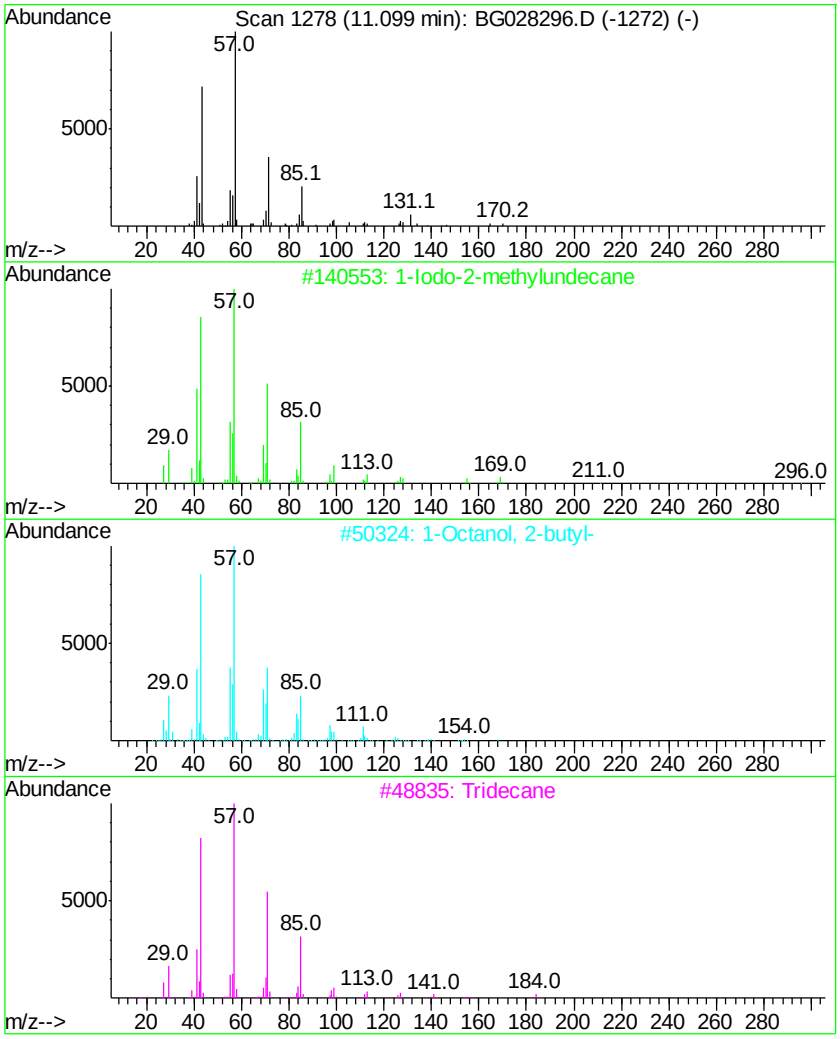
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

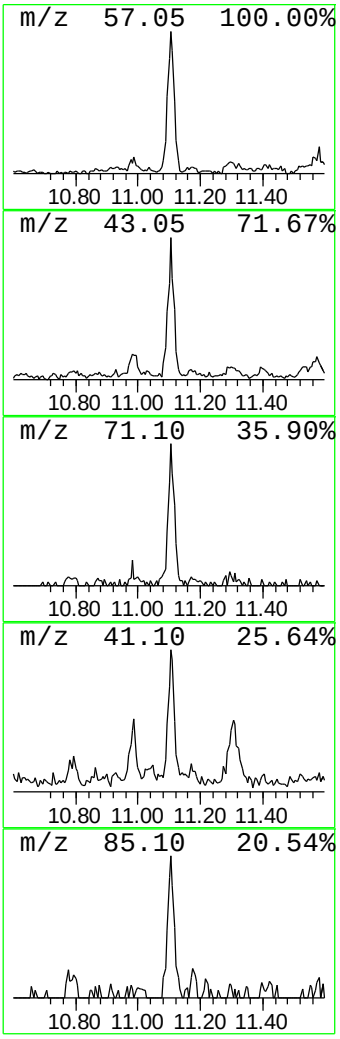
****

Peak Number 4 1-Iodo-2-methylundecane Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.10	3.91 ng/ul	95010	Naphthalene-d8	11.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	72
2	1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	72
3	Tridecane	184	C13H28	000629-50-5	64
4	Undecane	156	C11H24	001120-21-4	64
5	Tridecane	184	C13H28	000629-50-5	53





Data Path : Z:\HPCHEM1\BNA G\Data\BG081117\
Data File : BG028296.D
Acq On : 11 Aug 2017 18:57
Operator : SJ/JU
Sample : I4557-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

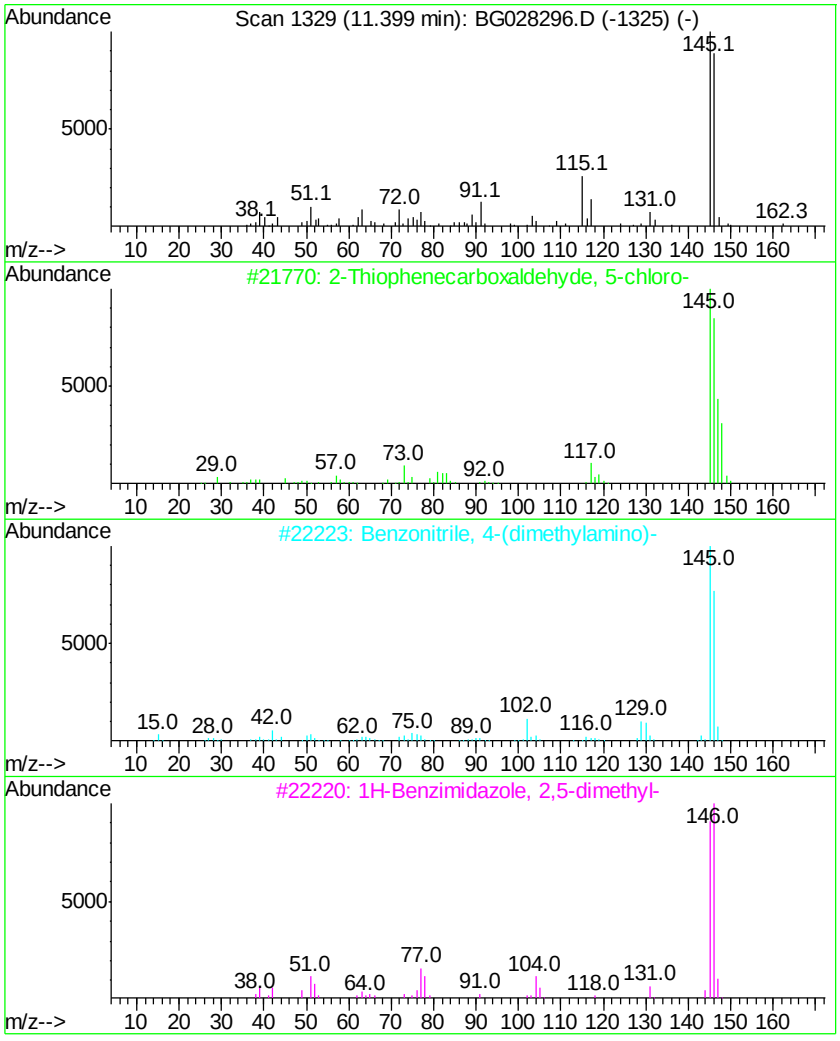
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

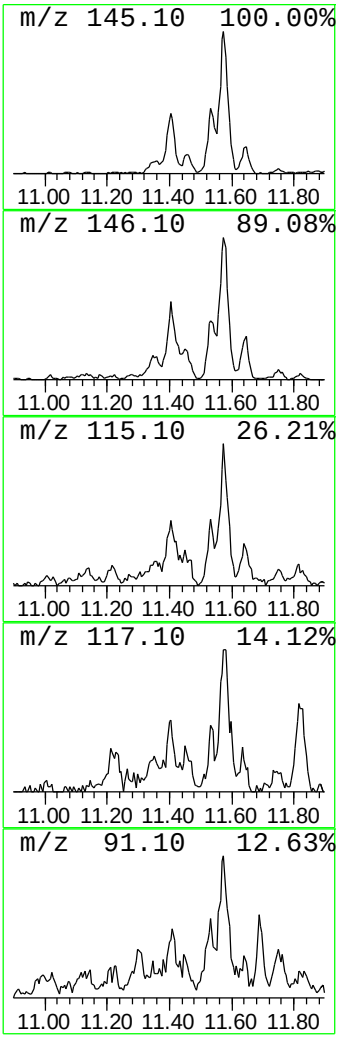
****

Peak Number 5 2-Thiophenecarboxaldehyde, ... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.40	10.76 ng/ul	261063	Naphthalene-d8	11.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Thiophenecarboxaldehyde, 5-chl...	146	C5H3ClOS	007283-96-7	53
2	Benzonitrile, 4-(dimethylamino)-	146	C9H10N2	001197-19-9	53
3	1H-Benzimidazole, 2,5-dimethyl-	146	C9H10N2	001792-41-2	45
4	1H-Pyrazole, 4,5-dihydro-1-phenyl-	146	C9H10N2	000936-53-8	43
5	1H-Benzimidazole, 2-ethyl-	146	C9H10N2	001848-84-6	42





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\Data\BG081117\
Data File : BG028296.D
Acq On : 11 Aug 2017 18:57
Operator : SJ/JU
Sample : I4557-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

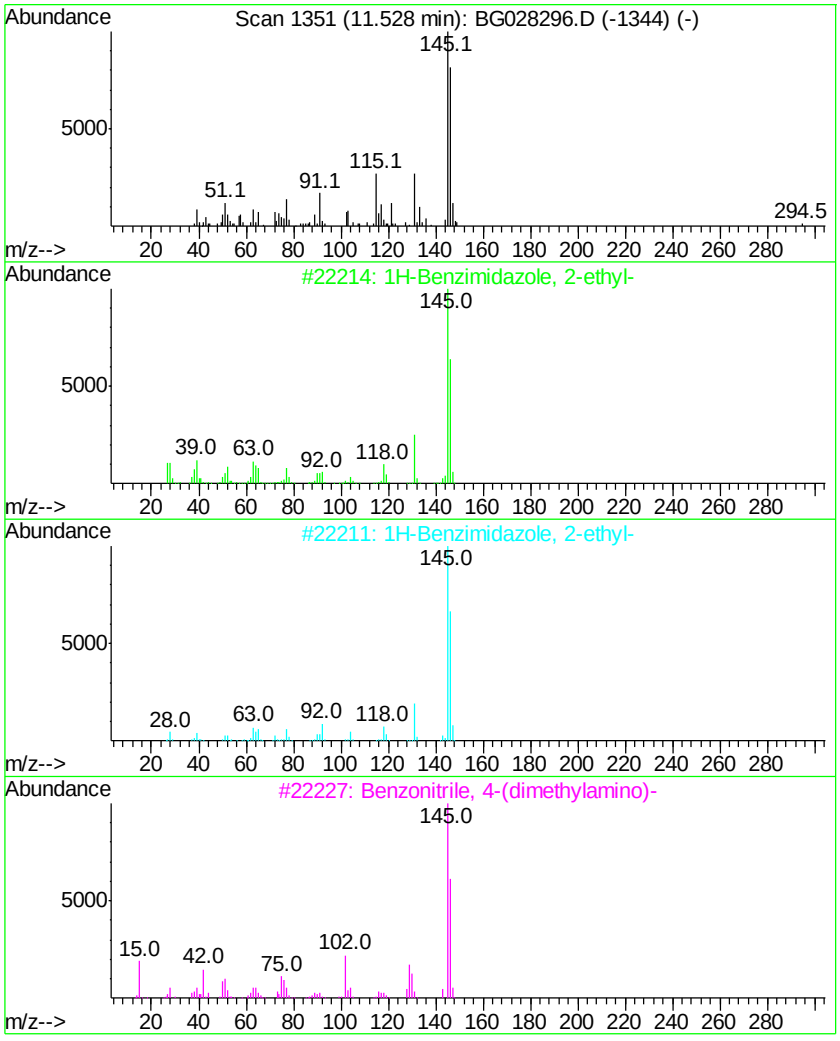
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

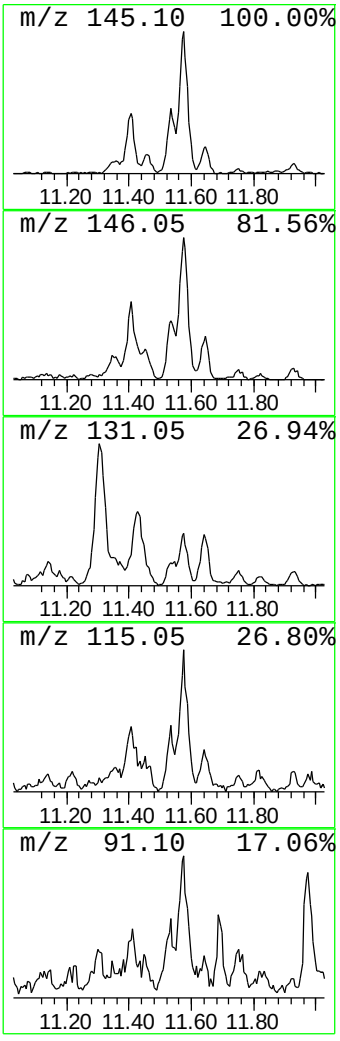
****

Peak Number 6 1H-Benzimidazole, 2-ethyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.53	6.61 ng/ul	160354	Naphthalene-d8	11.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzimidazole, 2-ethyl-	146	C9H10N2	001848-84-6	53
2	1H-Benzimidazole, 2-ethyl-	146	C9H10N2	001848-84-6	53
3	Benzonitrile, 4-(dimethylamino)-	146	C9H10N2	001197-19-9	52
4	Benzofuran, 4,7-dimethyl-	146	C10H10O	028715-26-6	49
5	1H-Benzimidazole, 5,6-dimethyl-	146	C9H10N2	000582-60-5	46





Data Path : Z:\HPCHEM1\BNA G\Data\BG081117\
Data File : BG028296.D
Acq On : 11 Aug 2017 18:57
Operator : SJ/JU
Sample : I4557-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

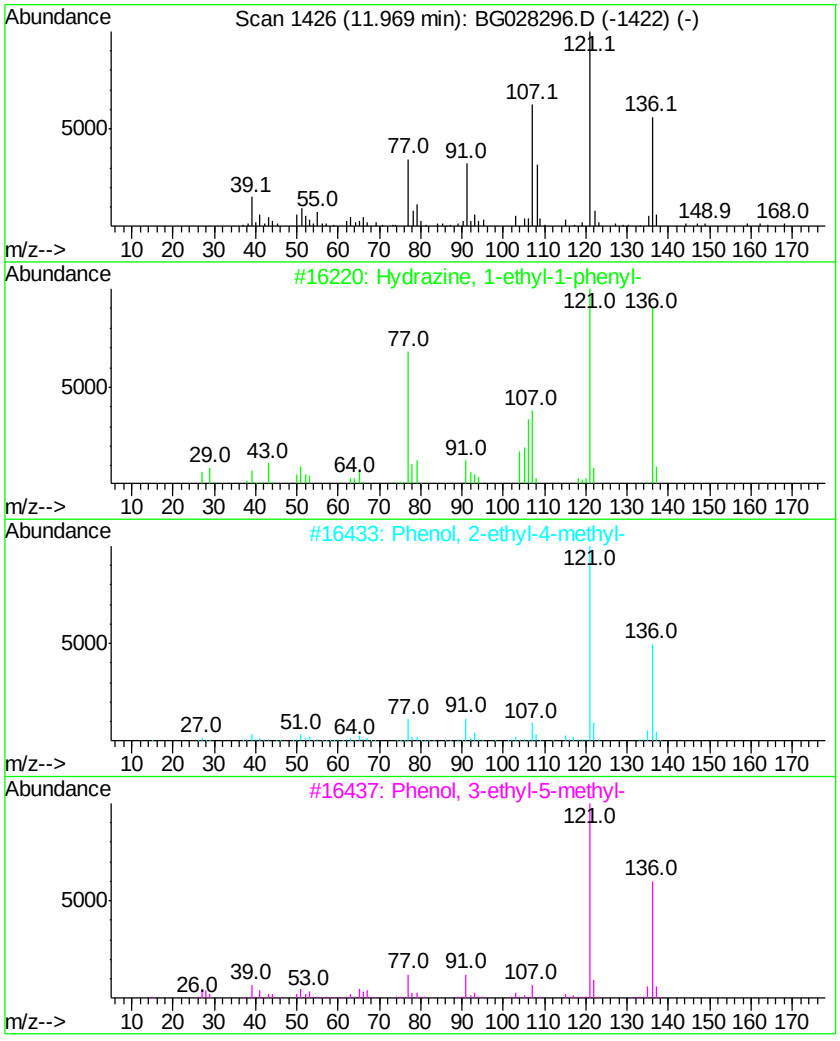
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

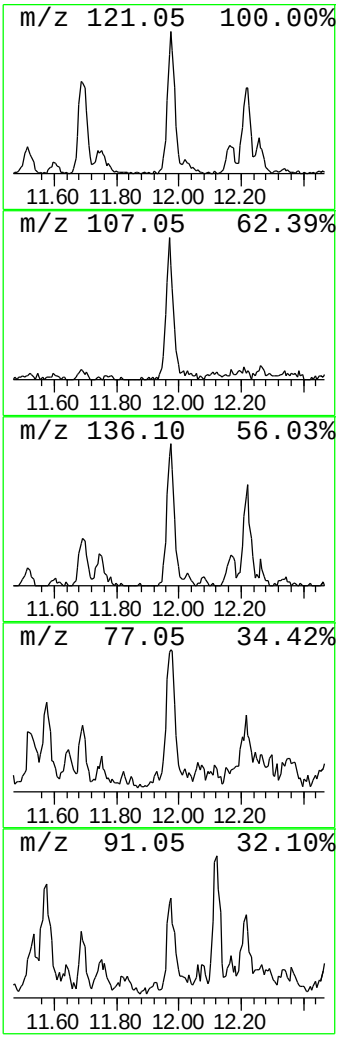
****

Peak Number 8 Hydrazine, 1-ethyl-1-phenyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.97	6.29 ng/ul	152696	Naphthalene-d8	11.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hydrazine, 1-ethyl-1-phenyl-	136	C8H12N2	000644-21-3	86
2	Phenol, 2-ethyl-4-methyl-	136	C9H12O	003855-26-3	74
3	Phenol, 3-ethyl-5-methyl-	136	C9H12O	000698-71-5	64
4	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	58
5	Phenol, 3-ethyl-5-methyl-	136	C9H12O	000698-71-5	58





Data Path : Z:\HPCHEM1\BNA G\Data\BG081117\
Data File : BG028296.D
Acq On : 11 Aug 2017 18:57
Operator : SJ/JU
Sample : I4557-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

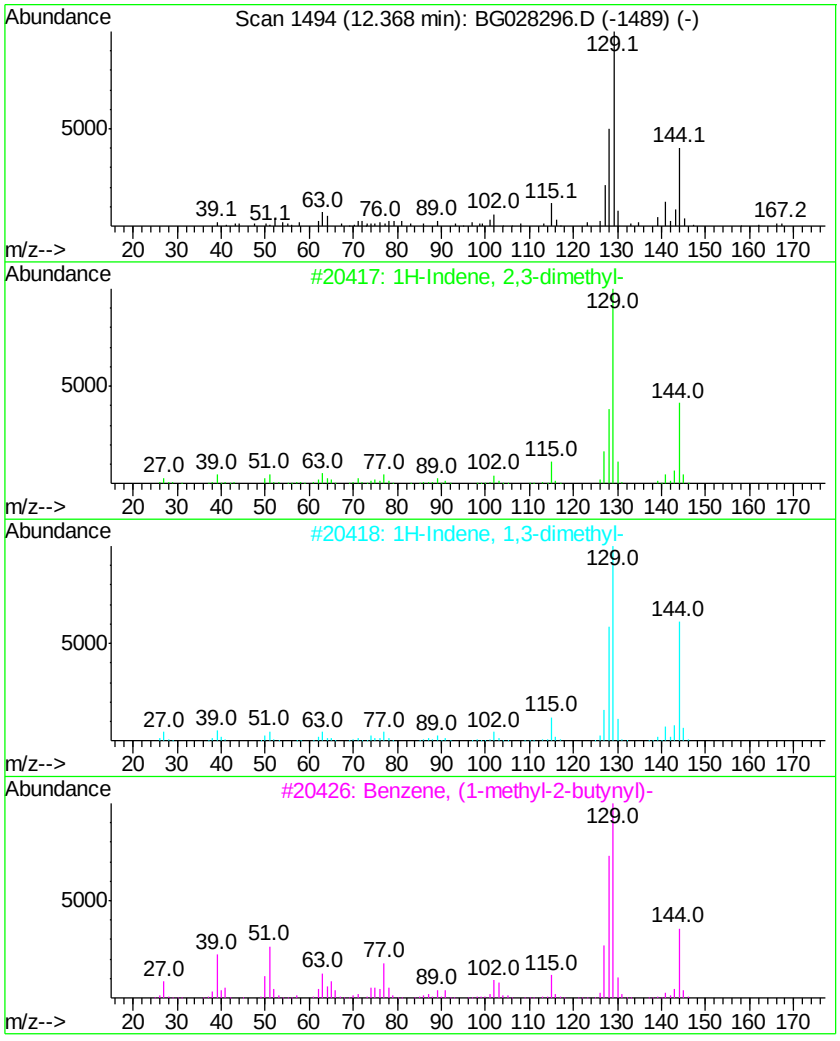
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

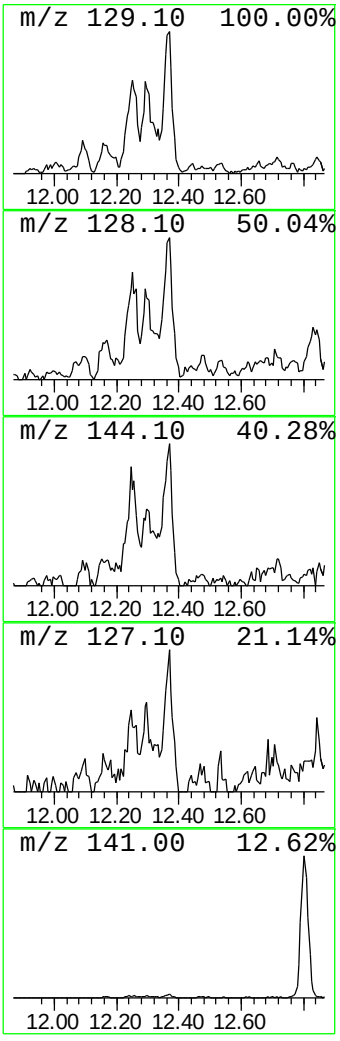
****

Peak Number 9 1H-Indene, 2,3-dimethyl- Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	4.82 ng/ul	117078	Naphthalene-d8	11.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dimethyl-	144	C11H12	004773-82-4	90
2	1H-Indene, 1,3-dimethyl-	144	C11H12	002177-48-2	83
3	Benzene, (1-methyl-2-butynyl)-	144	C11H12	087712-69-4	78
4	Naphthalene, 1,2-dihydro-4-methyl-	144	C11H12	004373-13-1	76
5	1H-Indene, 1-ethenyl-2,3-dihydro-	144	C11H12	051783-46-1	72





Data Path : Z:\HPCHEM1\BNA G\Data\BG081117\
Data File : BG028296.D
Acq On : 11 Aug 2017 18:57
Operator : SJ/JU
Sample : I4557-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC4

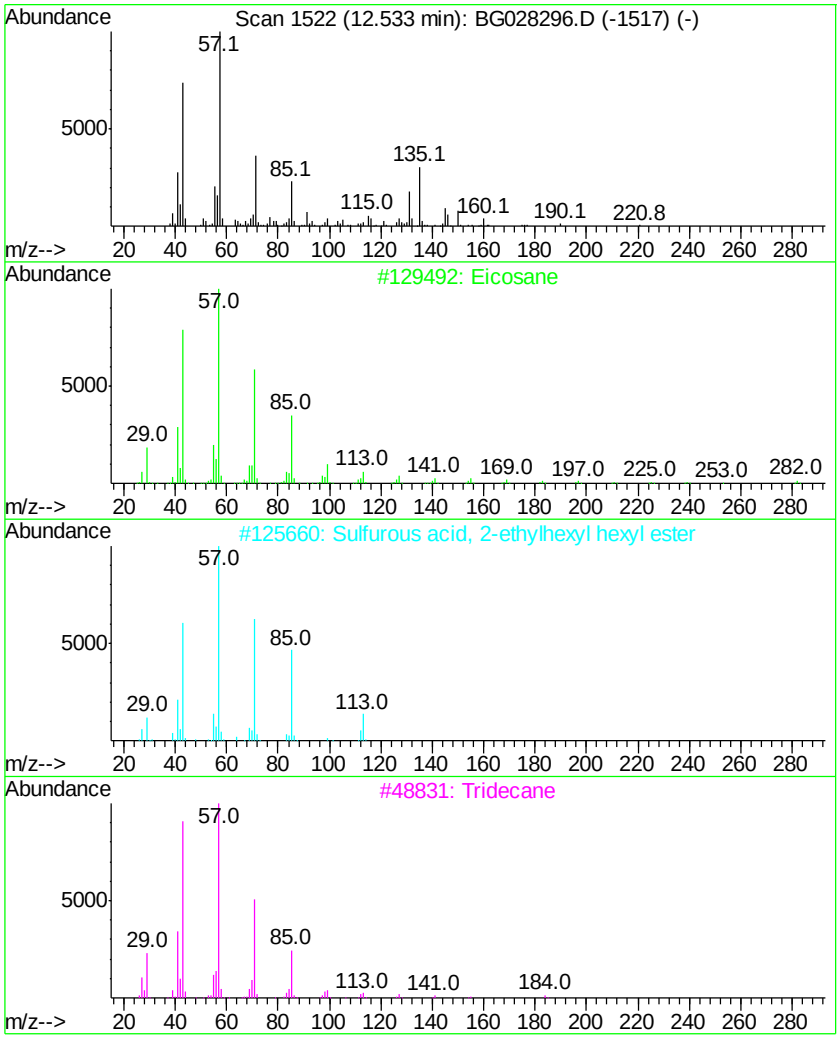
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

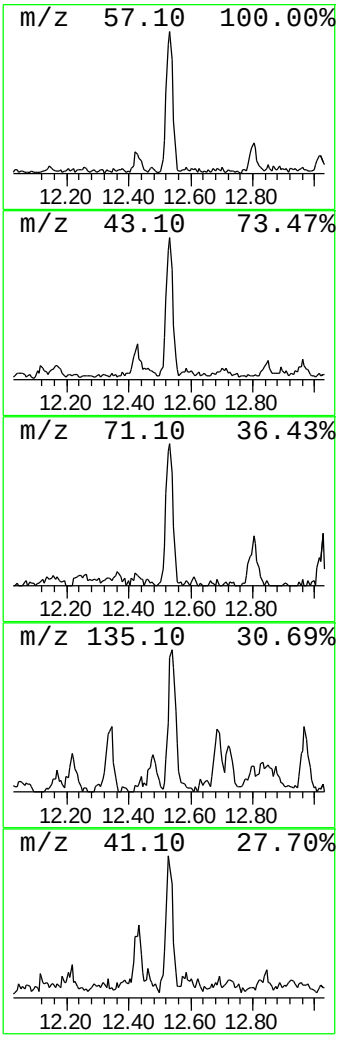
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.53	7.84 ng/ul	190242	Naphthalene-d8	11.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	38
2	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	38
3	Tridecane	184	C13H28	000629-50-5	38
4	Heptane, 3,4-dimethyl-	128	C9H20	000922-28-1	30
5	Hexadecane	226	C16H34	000544-76-3	30





Data Path : Z:\HPCHEM1\BNA G\Data\BG081117\
Data File : BG028296.D
Acq On : 11 Aug 2017 18:57
Operator : SJ/JU
Sample : I4557-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

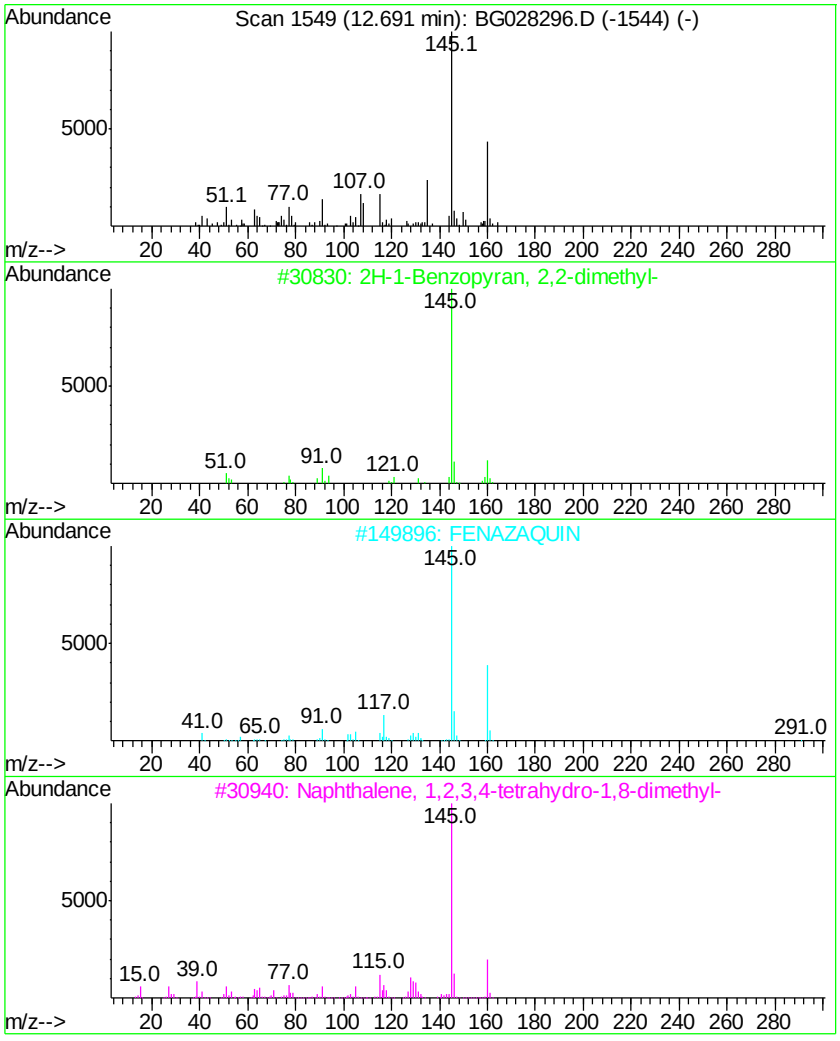
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

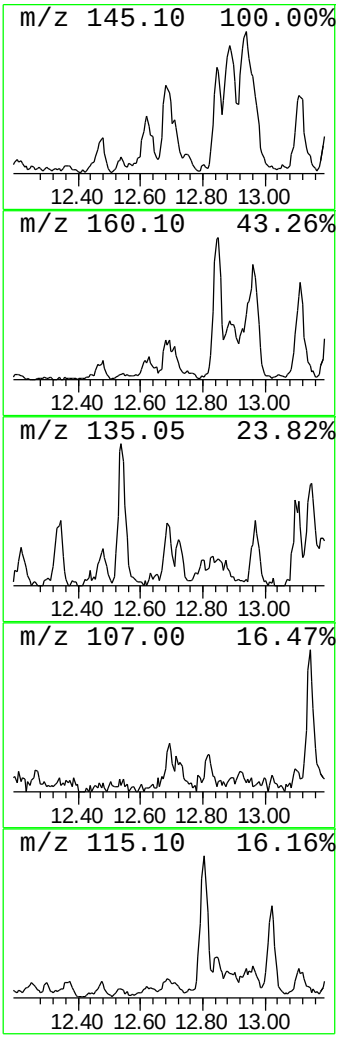
****

Peak Number 11 unknown-01 Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.69	6.90 ng/ul	167485	Naphthalene-d8	11.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-1-Benzopyran, 2,2-dimethyl-	160	C11H12O	002513-25-9	42
2	FENAZAQUIN	306	C20H22N2O	120928-09-8	40
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	40
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001985-59-7	40
5	1H-Benzimidazole, 2-(1-methyleth...	160	C10H12N2	005851-43-4	40





Data Path : Z:\HPCHEM1\BNA G\Data\BG081117\
Data File : BG028296.D
Acq On : 11 Aug 2017 18:57
Operator : SJ/JU
Sample : I4557-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

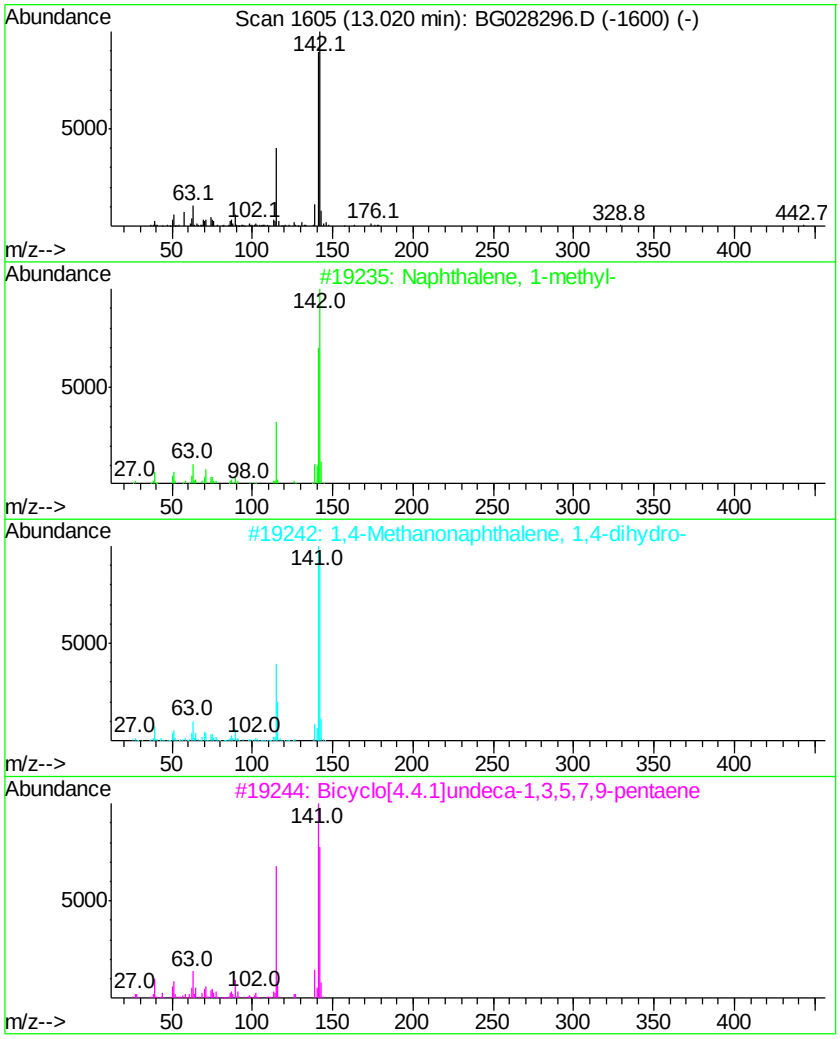
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

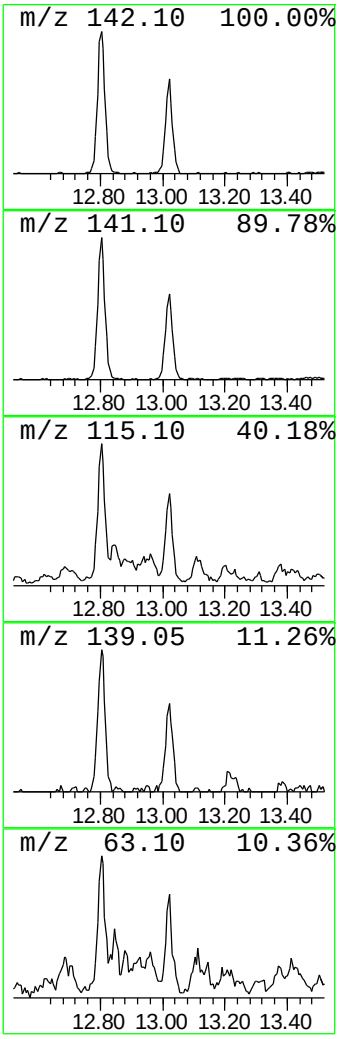
****

Peak Number 12 Naphthalene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.02	10.66 ng/ul	258788	Naphthalene-d8	11.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
2	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
3	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	91
4	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	90
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	87





Data Path : Z:\HPCHEM1\BNA G\Data\BG081117\
Data File : BG028296.D
Acq On : 11 Aug 2017 18:57
Operator : SJ/JU
Sample : I4557-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

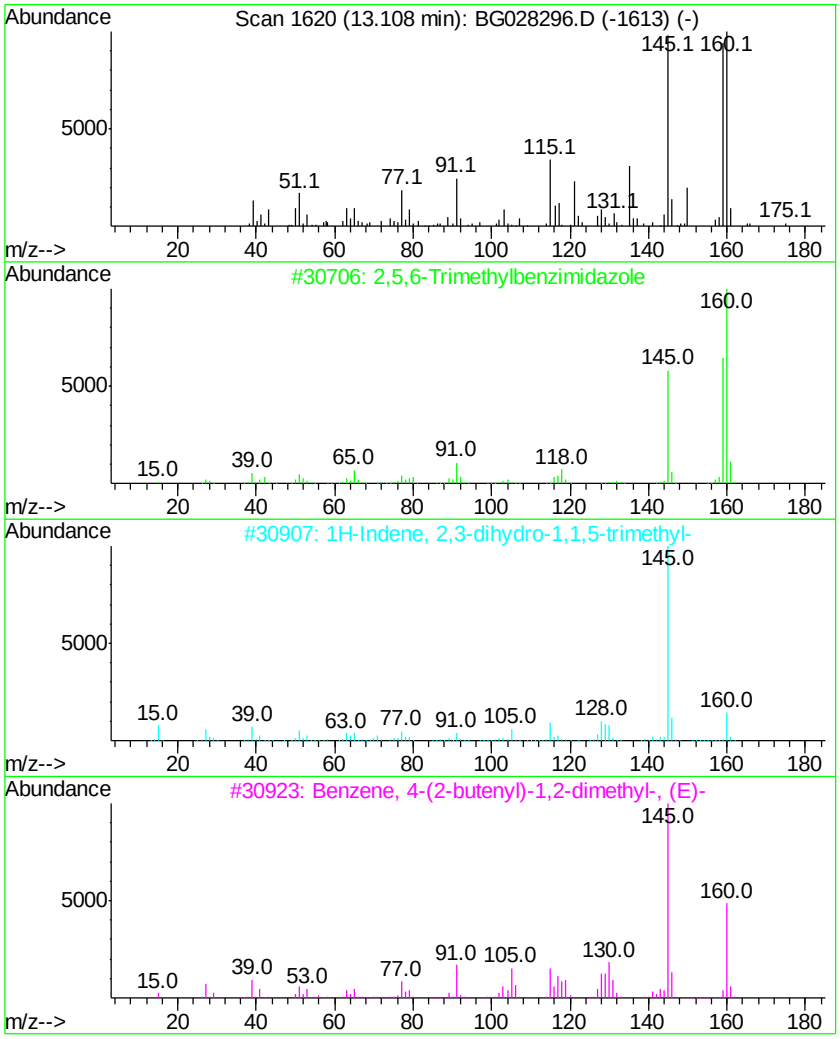
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

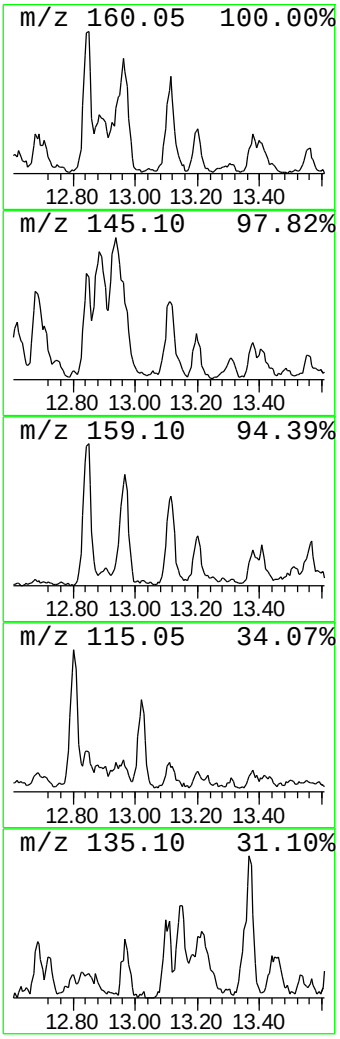
****

Peak Number 13 2,5,6-Trimethylbenzimidazole Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.11	4.92 ng/ul	202955	Acenaphthene-d10	14.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5,6-Trimethylbenzimidazole	160	C10H12N2	003363-56-2	62
2	1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	52
3	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	49
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	49
5	Benzene, 4-chloro-2-fluoro-1-met...	160	C7H6ClFO	000452-09-5	46





Data Path : Z:\HPCHEM1\BNA G\Data\BG081117\
Data File : BG028296.D
Acq On : 11 Aug 2017 18:57
Operator : SJ/JU
Sample : I4557-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

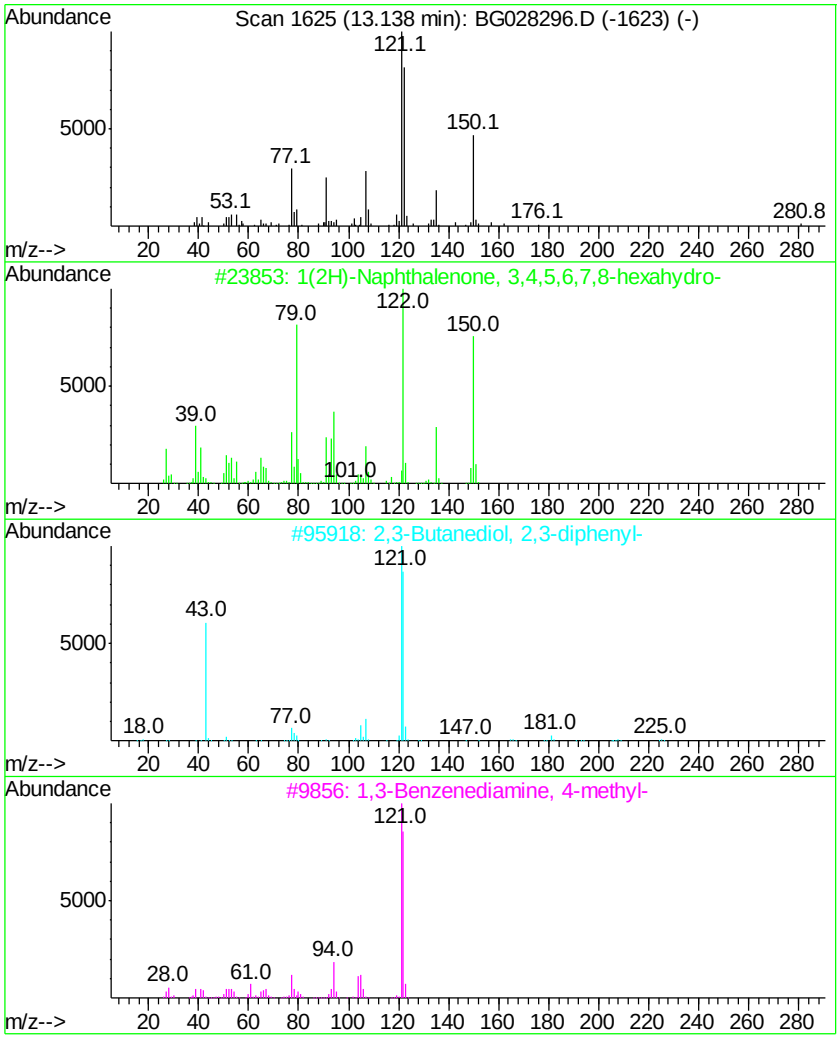
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

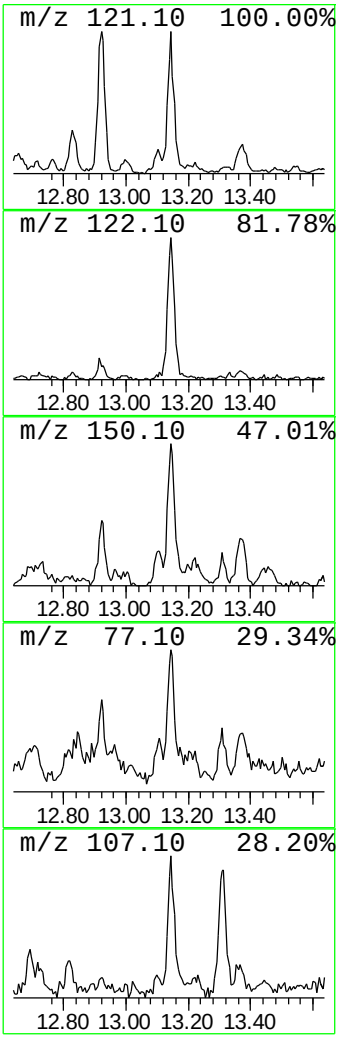
****

Peak Number 14 1(2H)-Naphthalenone, 3,4,5,... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.14	4.82 ng/ul	198976	Acenaphthene-d10	14.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Naphthalenone, 3,4,5,6,7,8...	150	C10H14O	018631-96-4	52
2	2,3-Butanediol, 2,3-diphenyl-	242	C16H18O2	001636-34-6	50
3	1,3-Benzenediamine, 4-methyl-	122	C7H10N2	000095-80-7	49
4	Phenol, 3-methyl-6-propyl-	150	C10H14O	031143-55-2	49
5	Pyrazine, 2-ethyl-5-methyl-	122	C7H10N2	013360-64-0	47





Data Path : Z:\HPCHEM1\BNA G\Data\BG081117\
Data File : BG028296.D
Acq On : 11 Aug 2017 18:57
Operator : SJ/JU
Sample : I4557-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

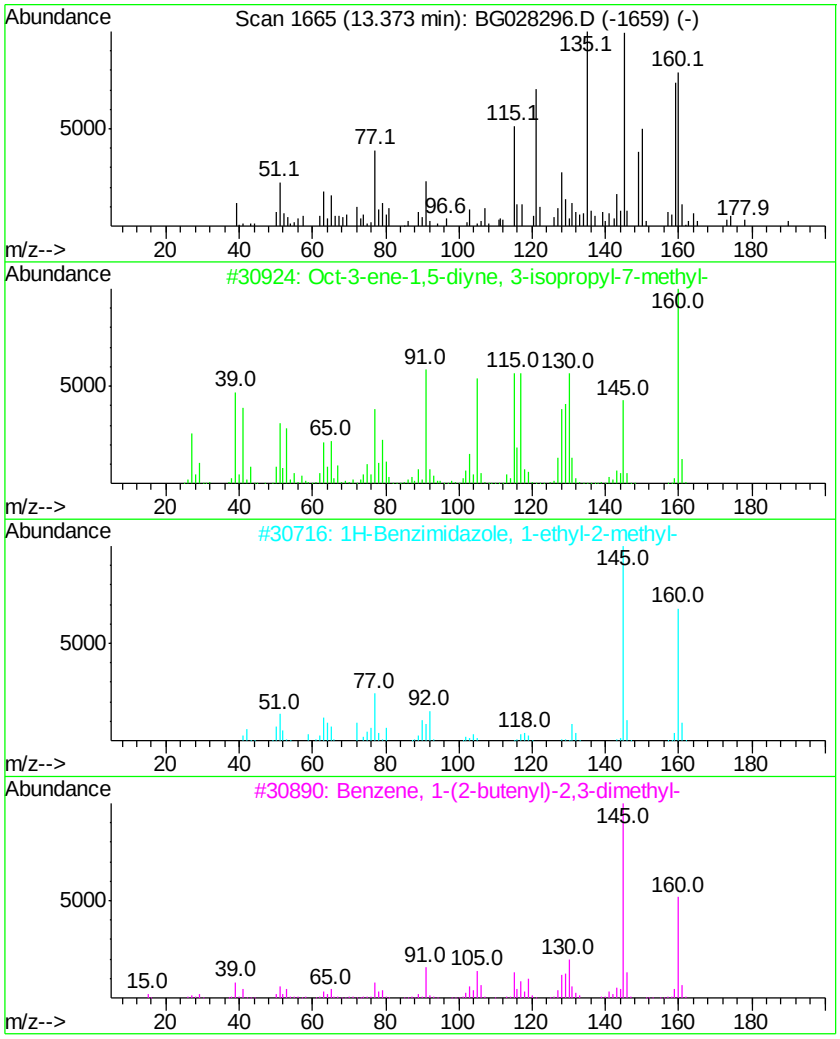
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

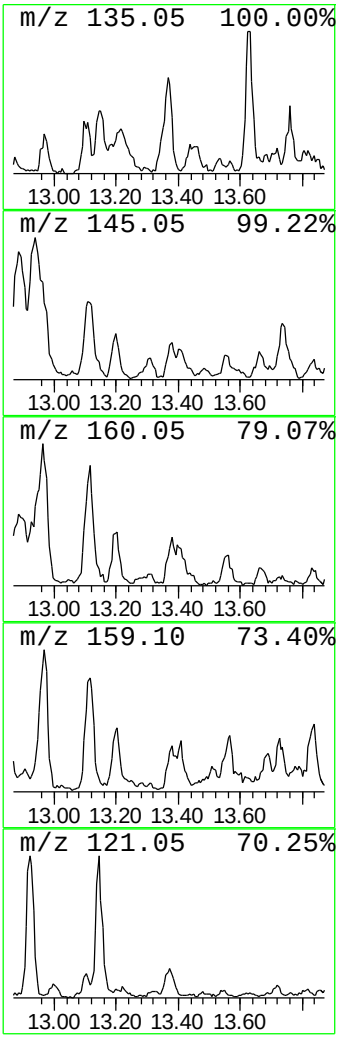
****

Peak Number 16 unknown-02 Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.37	3.01 ng/ul	124326	Acenaphthene-d10	14.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oct-3-ene-1,5-diyne, 3-isopropyl...	160	C12H16	1000211-23-1	38
2	1H-Benzimidazole, 1-ethyl-2-methyl-	160	C10H12N2	005805-76-5	30
3	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	25
4	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	25
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	25





Data Path : Z:\HPCHEM1\BNA G\Data\BG081117\
Data File : BG028296.D
Acq On : 11 Aug 2017 18:57
Operator : SJ/JU
Sample : I4557-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

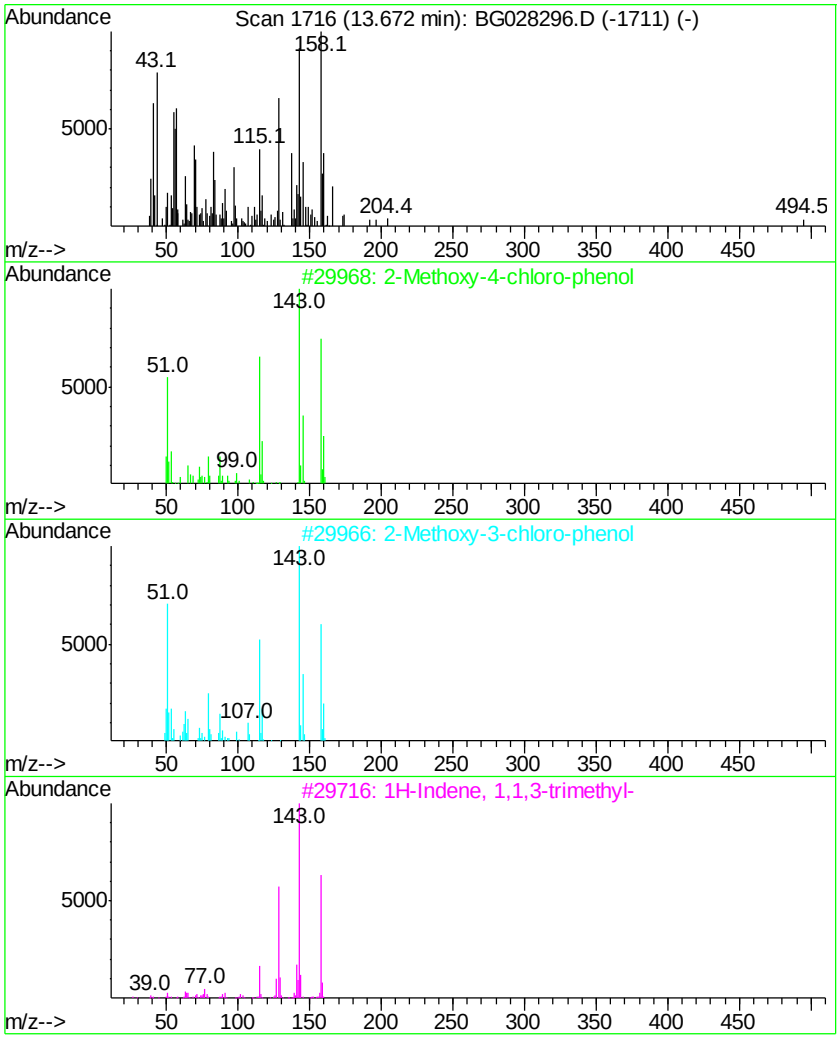
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

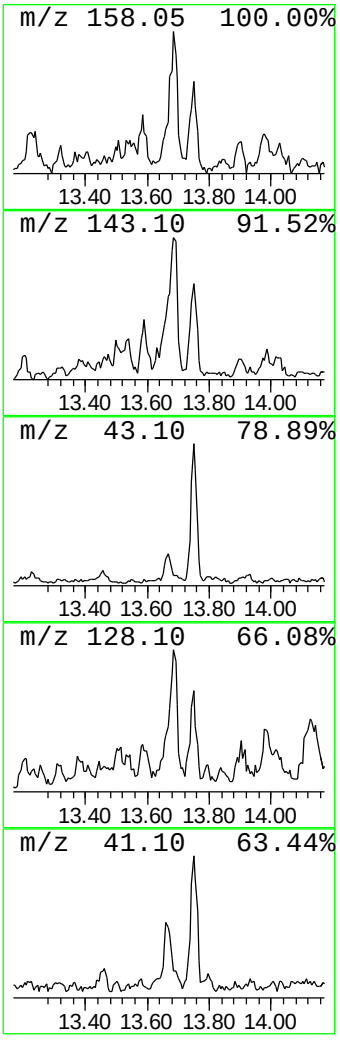
****

Peak Number 17 unknown-03 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.67	5.78 ng/ul	238460	Acenaphthene-d10	14.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methoxy-4-chloro-phenol	158	C7H7ClO2	016766-30-6	43
2	2-Methoxy-3-chloro-phenol	158	C7H7ClO2	077102-92-2	38
3	1H-Indene, 1,1,3-trimethyl-	158	C12H14	002177-45-9	38
4	1,2,3-Trimethylindene	158	C12H14	004773-83-5	38
5	1,2,3-Trimethylindene	158	C12H14	004773-83-5	38





Data Path : Z:\HPCHEM1\BNA G\Data\BG081117\
Data File : BG028296.D
Acq On : 11 Aug 2017 18:57
Operator : SJ/JU
Sample : I4557-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

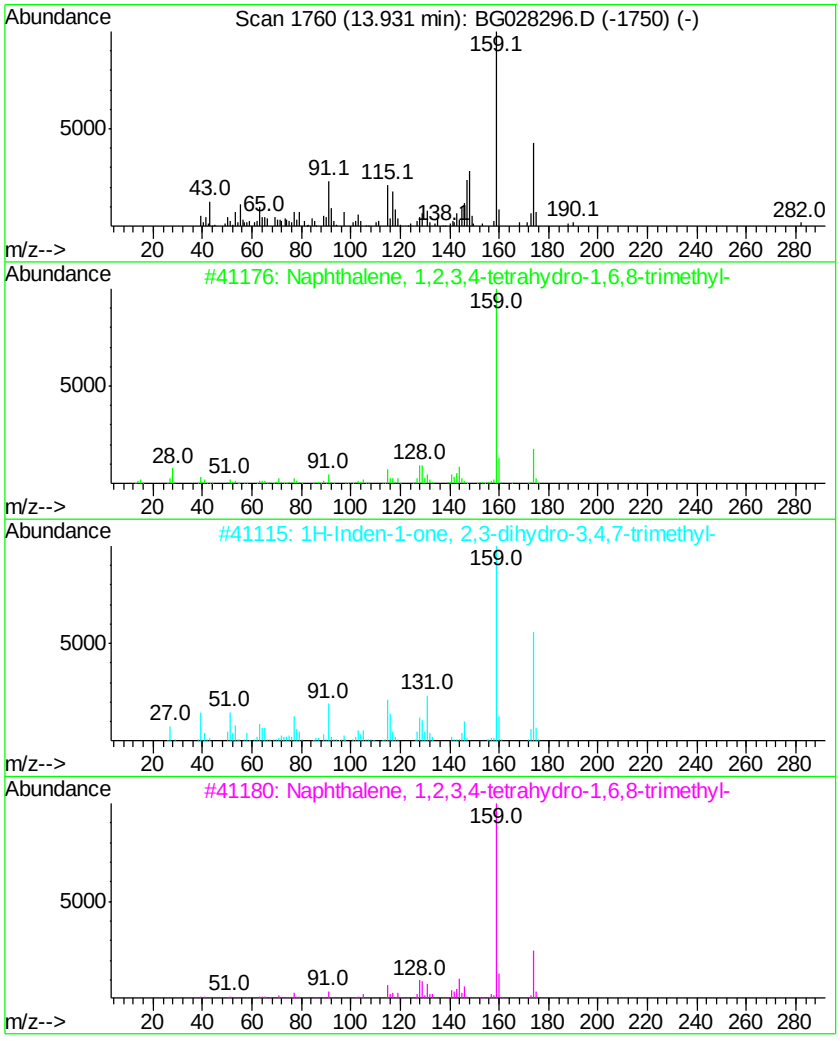
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

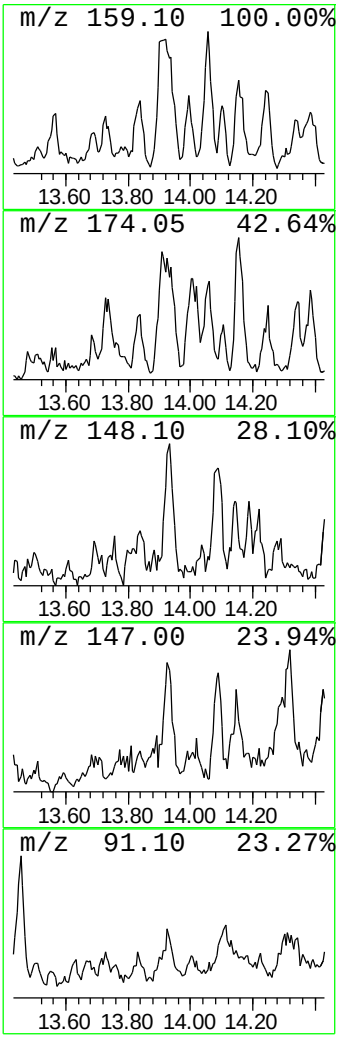
****

Peak Number 18 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.93	4.93 ng/ul	203548	Acenaphthene-d10	14.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	030316-36-0	60
2	1H-Inden-1-one, 2,3-dihydro-3,4,...	174	C12H14O	035322-84-0	52
3	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	030316-36-0	52
4	1H-Benzimidazole, 2-(1,1-dimethy...	174	C11H14N2	024425-13-6	47
5	Benzene, 1,2,3,4-tetramethyl-4-(...	174	C13H18	061142-76-5	47





Data Path : Z:\HPCHEM1\BNA G\Data\BG081117\
Data File : BG028296.D
Acq On : 11 Aug 2017 18:57
Operator : SJ/JU
Sample : I4557-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

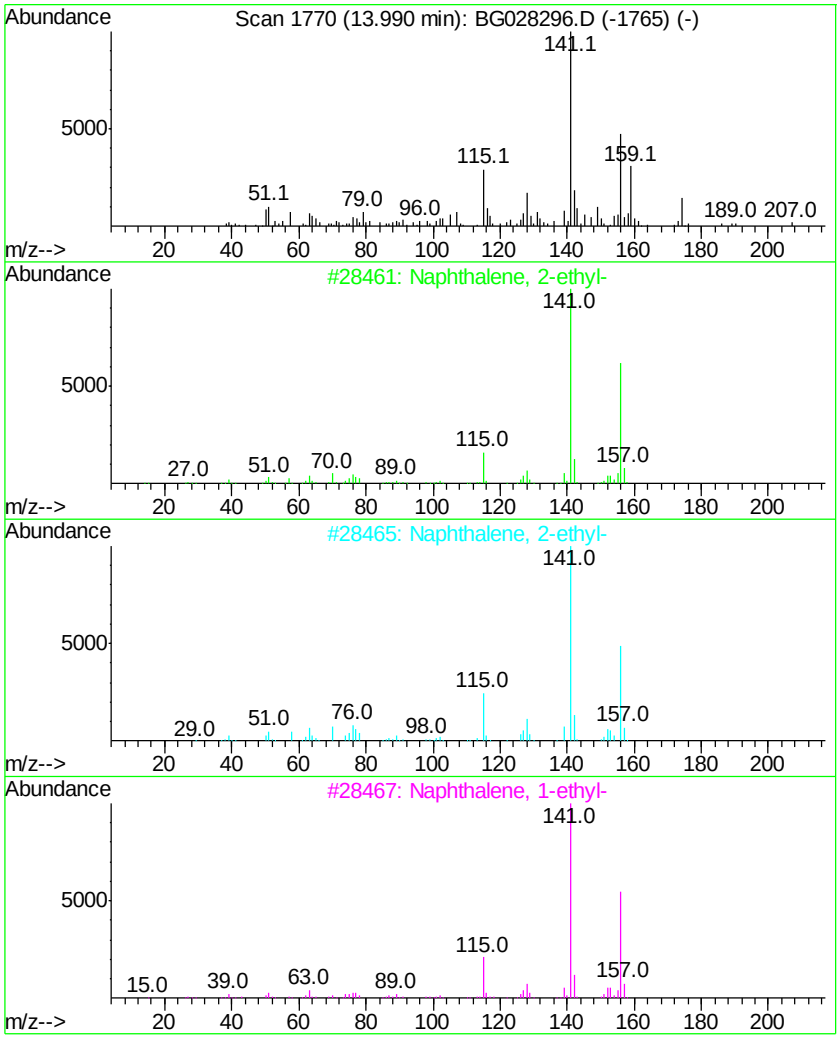
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

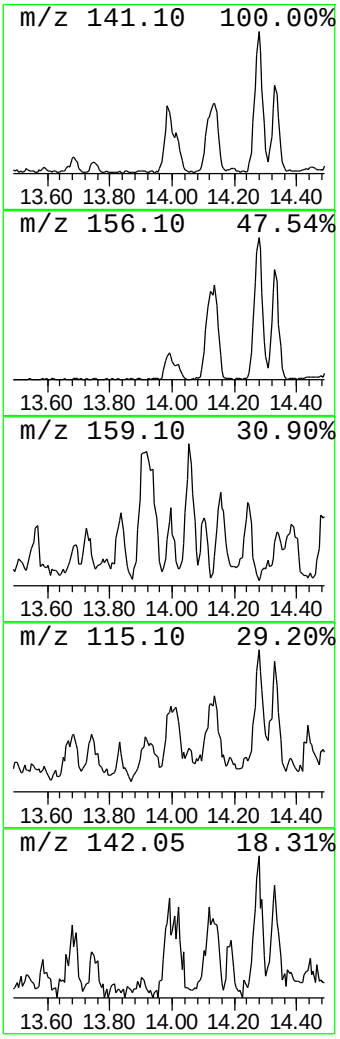
****

Peak Number 19 Naphthalene, 2-ethyl- Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.99	5.05 ng/ul	208253	Acenaphthene-d10	14.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	68
2	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	68
3	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	64
4	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	58
5	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	58





Data Path : Z:\HPCHEM1\BNA G\Data\BG081117\
Data File : BG028296.D
Acq On : 11 Aug 2017 18:57
Operator : SJ/JU
Sample : I4557-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC4

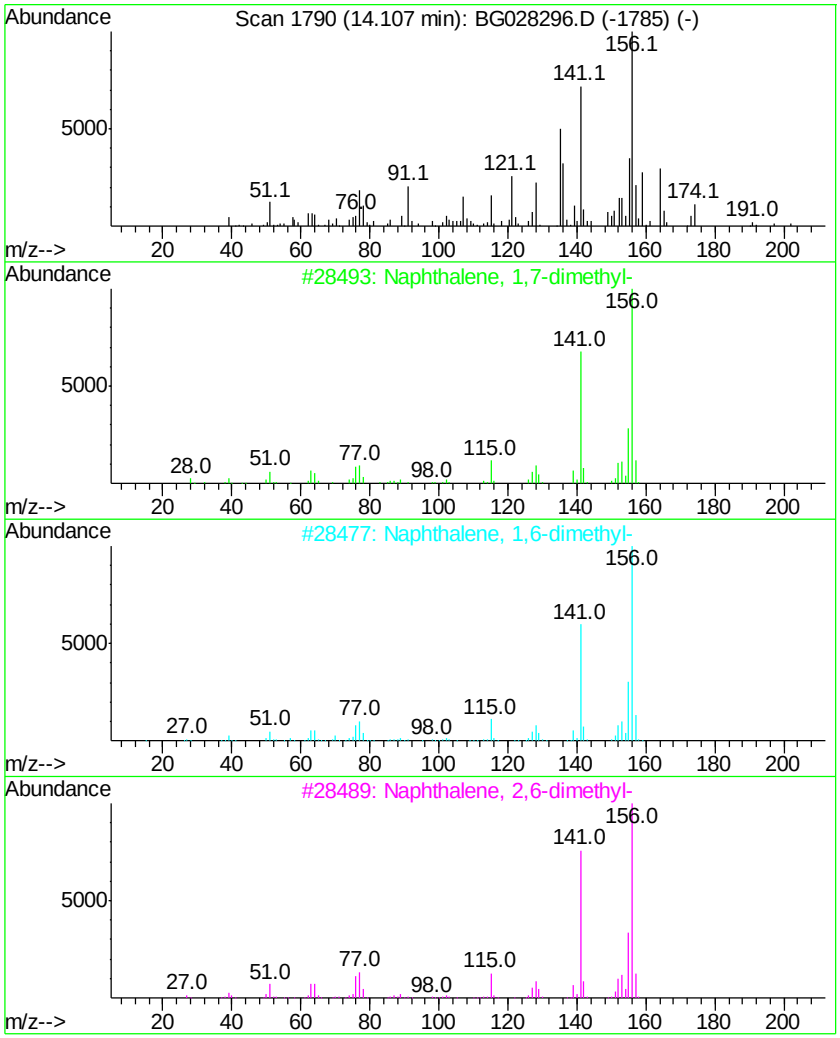
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

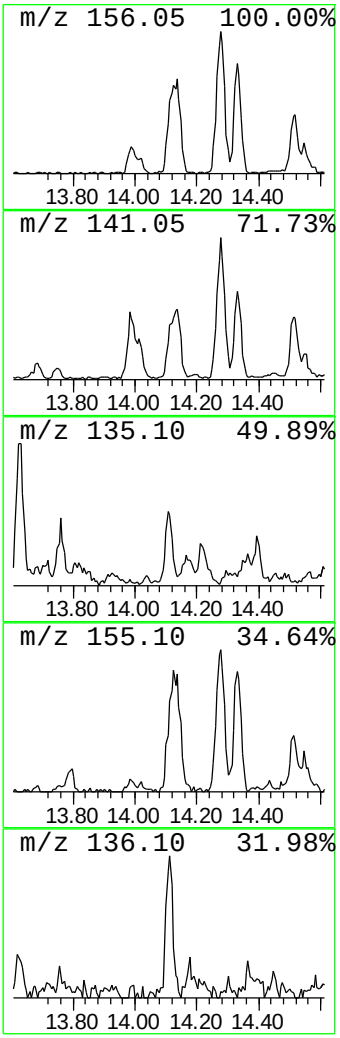
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Naphthalene, 1,7-dimethyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.11	5.60 ng/ul	230968	Acenaphthene-d10	14.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96





Data Path : Z:\HPCHEM1\BNA G\Data\BG081117\
Data File : BG028296.D
Acq On : 11 Aug 2017 18:57
Operator : SJ/JU
Sample : I4557-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

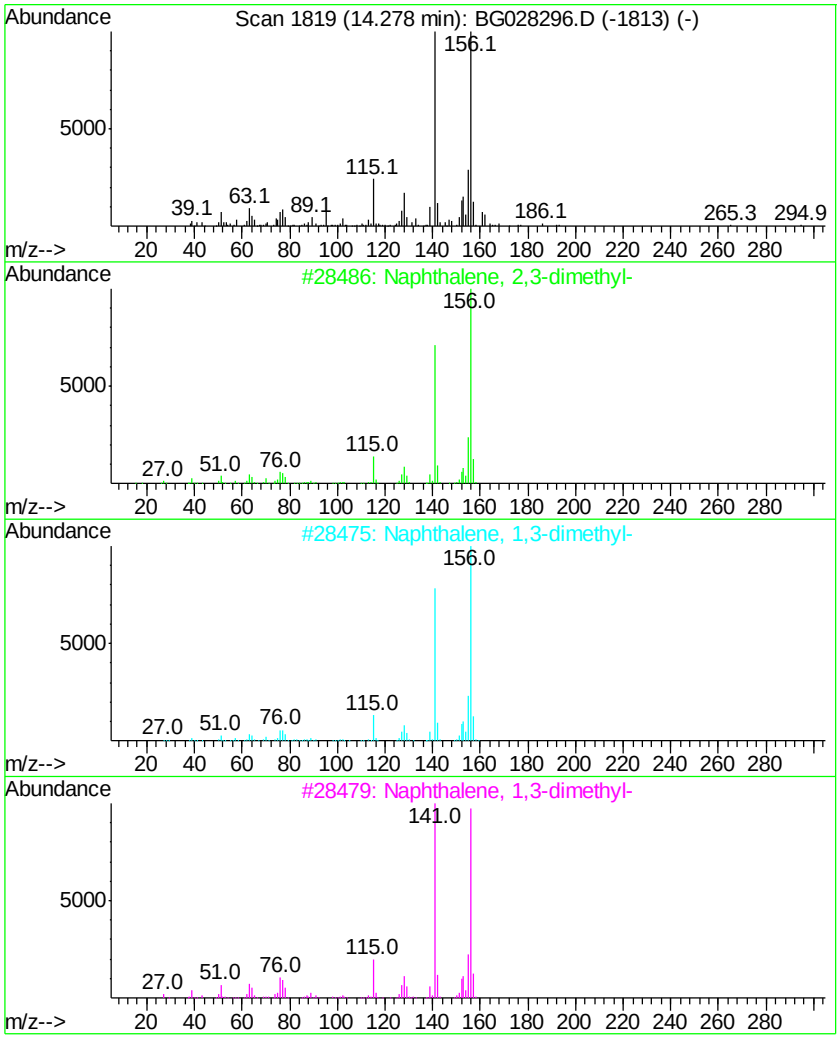
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

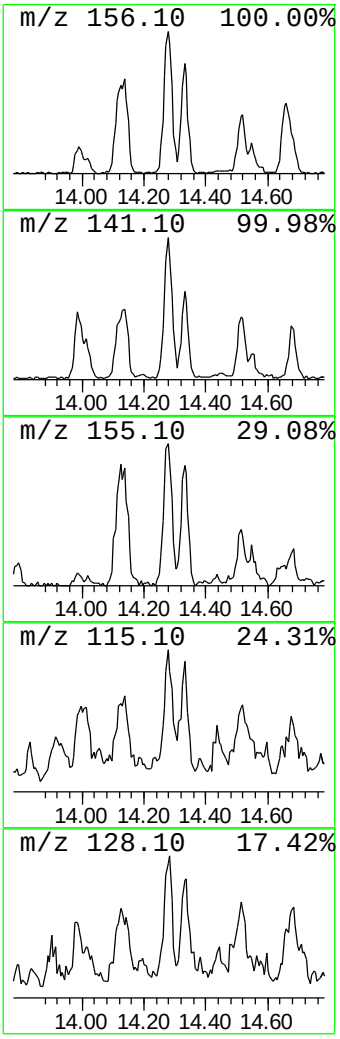
****

Peak Number 21 Naphthalene, 2,3-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.28	8.52 ng/ul	351434	Acenaphthene-d10	14.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	94





Data Path : Z:\HPCHEM1\BNA G\Data\BG081117\
Data File : BG028296.D
Acq On : 11 Aug 2017 18:57
Operator : SJ/JU
Sample : I4557-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

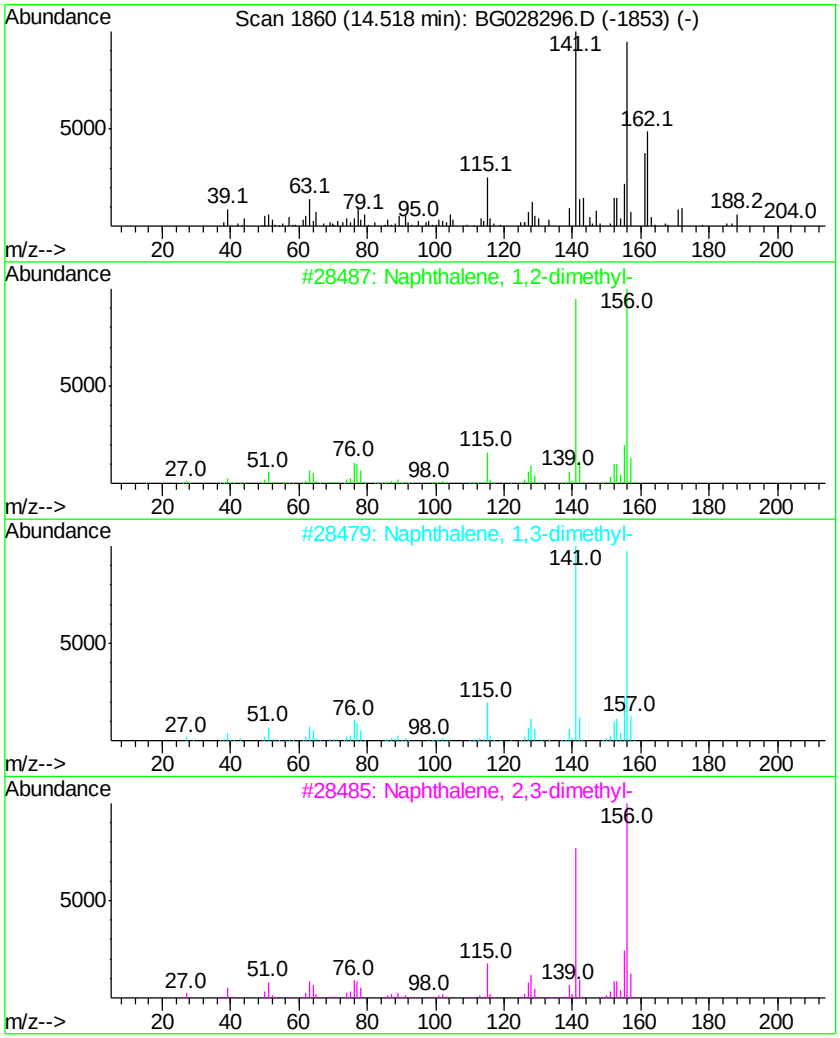
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

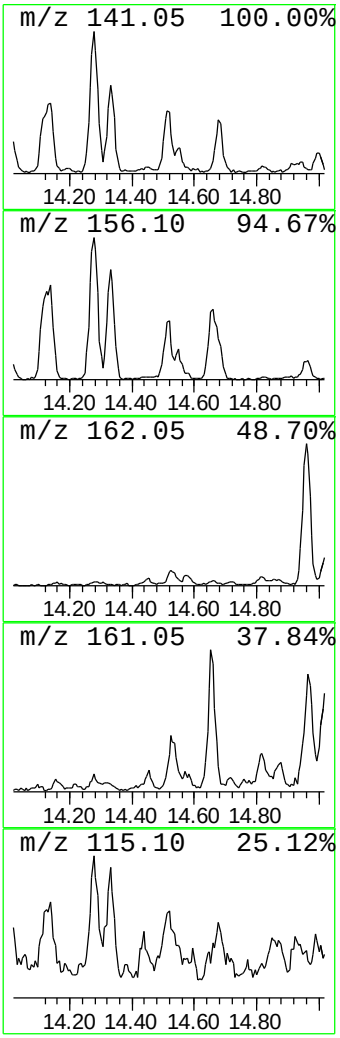
****

Peak Number 22 Naphthalene, 1,2-dimethyl- Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.52	5.17 ng/ul	213409	Acenaphthene-d10	14.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	83
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	83
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	64
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	64
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	64





Data Path : Z:\HPCHEM1\BNA G\Data\BG081117\
Data File : BG028296.D
Acq On : 11 Aug 2017 18:57
Operator : SJ/JU
Sample : I4557-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

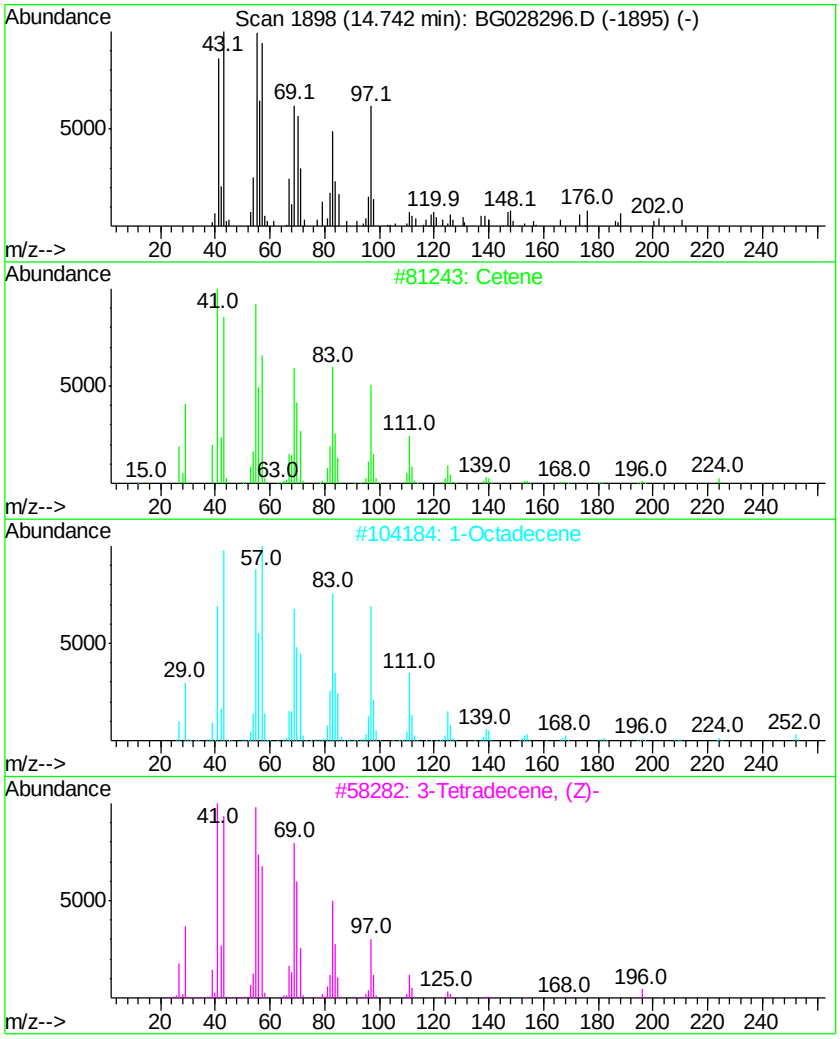
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

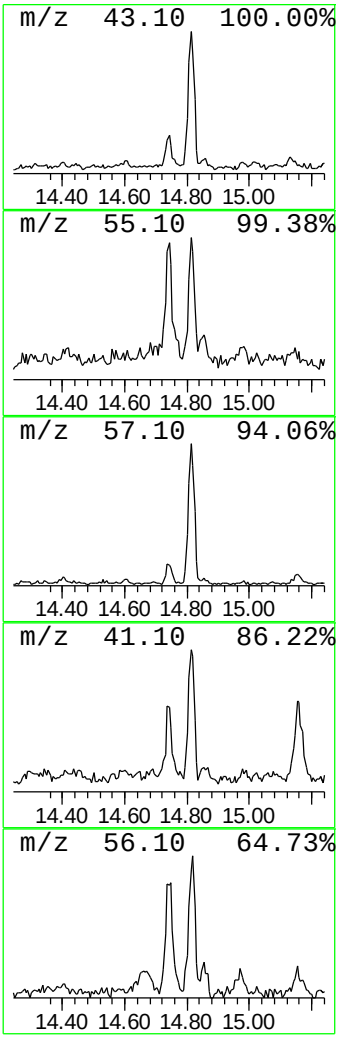
****

Peak Number 23 (DEL) Alkane: Cyclic14.74 Concentration Rank 66

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.74	2.40 ng/ul	98890	Acenaphthene-d10	14.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cetene	224	C16H32	000629-73-2	86
2	1-Octadecene	252	C18H36	000112-88-9	74
3	3-Tetradecene, (Z)-	196	C14H28	041446-67-7	72
4	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	72
5	1-Docosene	308	C22H44	001599-67-3	64





Data Path : Z:\HPCHEM1\BNA G\Data\BG081117\
Data File : BG028296.D
Acq On : 11 Aug 2017 18:57
Operator : SJ/JU
Sample : I4557-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

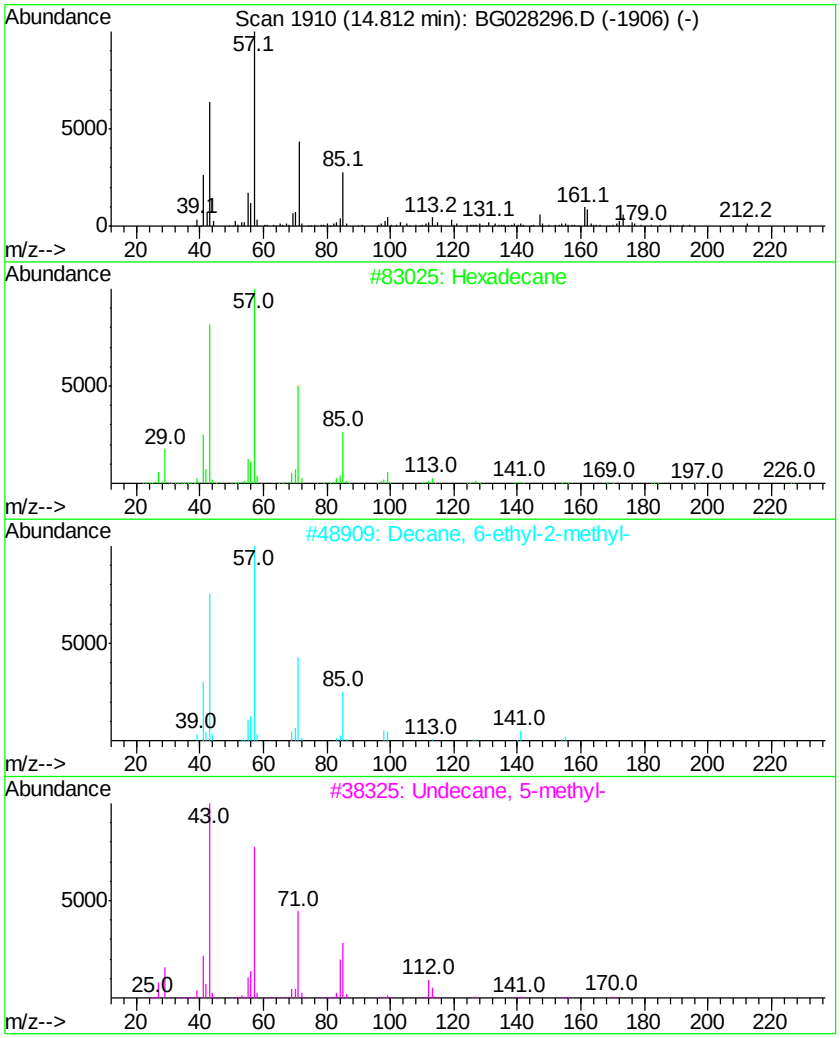
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

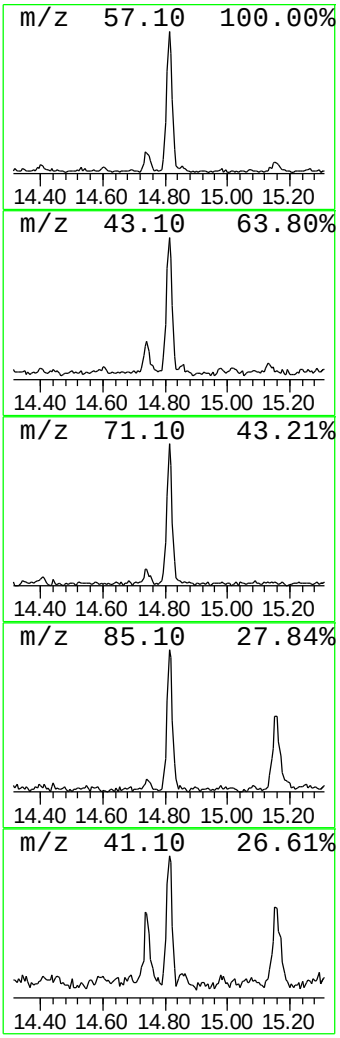
****

Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.81	6.87 ng/ul	283530	Acenaphthene-d10	14.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	62
2	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	58
3	Undecane, 5-methyl-	170	C12H26	001632-70-8	53
4	Tetradecane	198	C14H30	000629-59-4	50
5	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	49





Data Path : Z:\HPCHEM1\BNA G\Data\BG081117\
Data File : BG028296.D
Acq On : 11 Aug 2017 18:57
Operator : SJ/JU
Sample : I4557-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

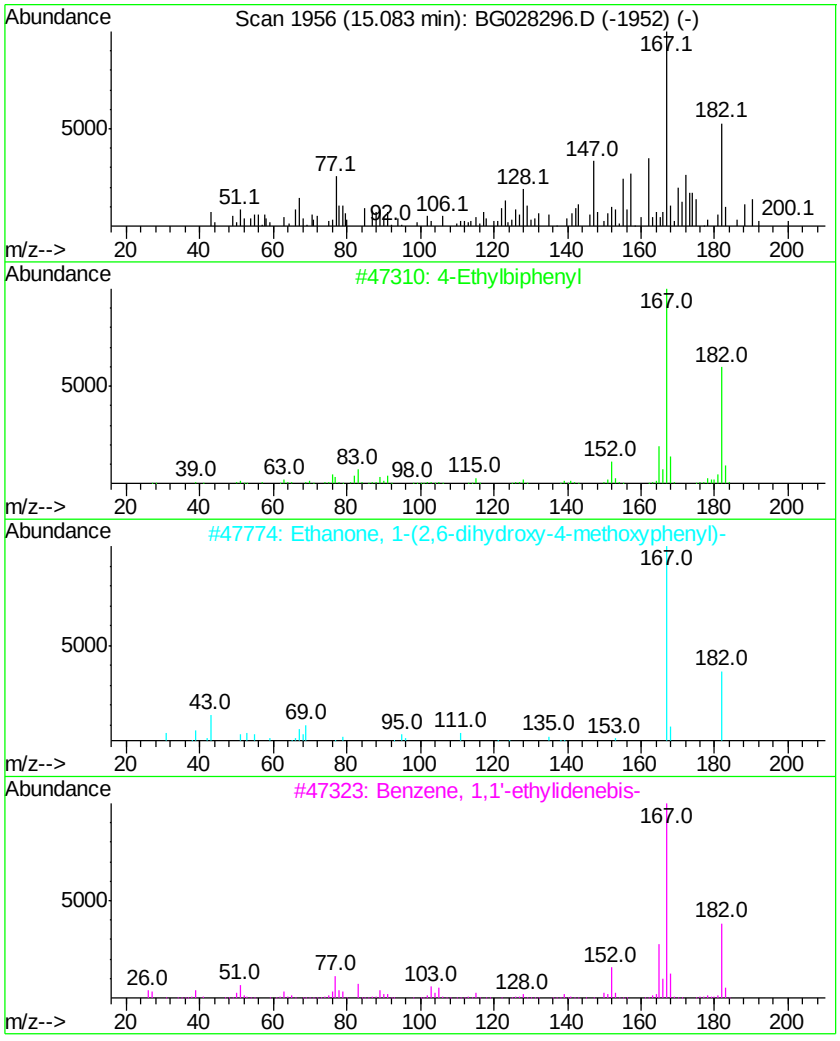
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

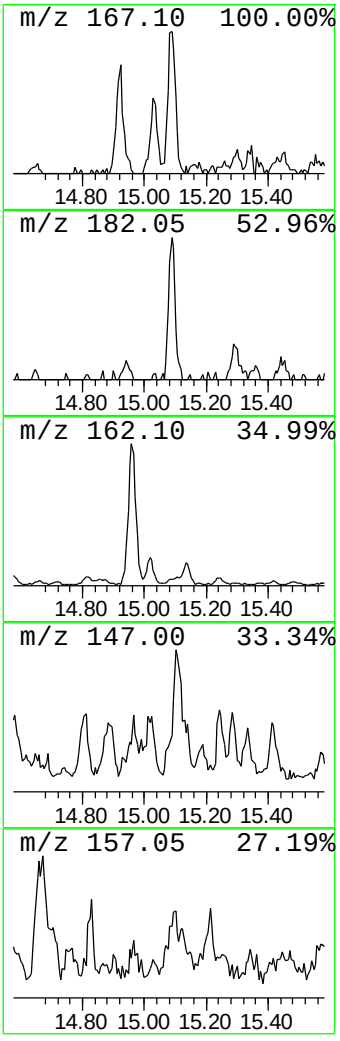
****

Peak Number 25 unknown-04 Concentration Rank 67

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.08	2.22 ng/ul	91545	Acenaphthene-d10	14.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Ethylbiphenyl	182	C14H14	005707-44-8	41
2	Ethanone, 1-(2,6-dihydroxy-4-met...	182	C9H10O4	007507-89-3	38
3	Benzene, 1,1'-ethylidenebis-	182	C14H14	000612-00-0	35
4	5-tert-Butylpyrogallol	182	C10H14O3	020481-17-8	35
5	1-Methyl-1,6-diazaplenalene	182	C12H10N2	079691-99-9	35





Data Path : Z:\HPCHEM1\BNA G\Data\BG081117\
Data File : BG028296.D
Acq On : 11 Aug 2017 18:57
Operator : SJ/JU
Sample : I4557-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

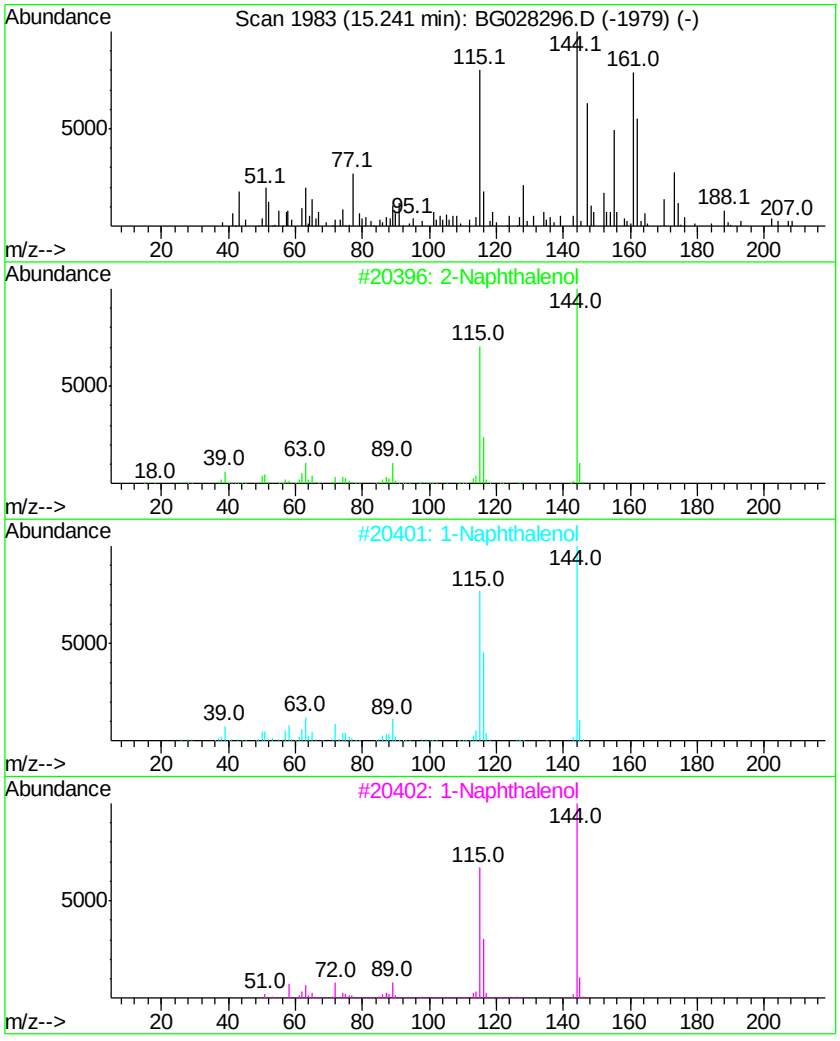
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

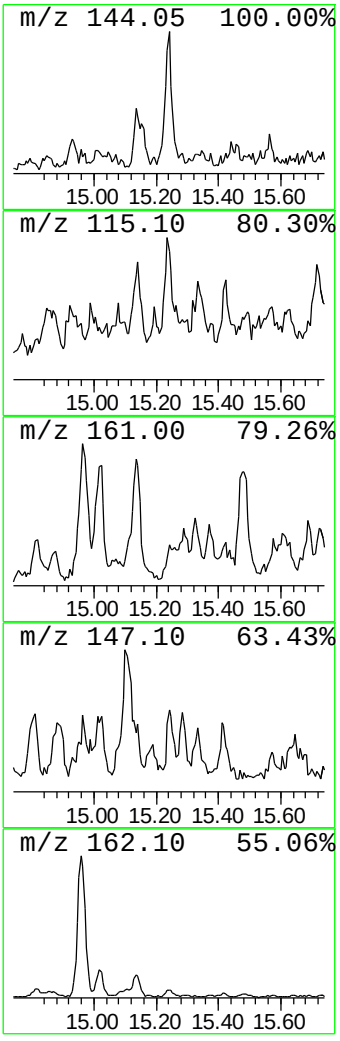
****

Peak Number 26 unknown-05 Concentration Rank 64

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.24	2.63 ng/ul	108635	Acenaphthene-d10	14.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Naphthalenol	144	C10H8O	000135-19-3	38
2	1-Naphthalenol	144	C10H8O	000090-15-3	35
3	1-Naphthalenol	144	C10H8O	000090-15-3	25
4	Malononitrile, furfurylidene-	144	C8H4N2O	003237-22-7	22
5	1H-Indole-3-carboxylic acid	161	C9H7NO2	000771-50-6	22





Data Path : Z:\HPCHEM1\BNA G\Data\BG081117\
Data File : BG028296.D
Acq On : 11 Aug 2017 18:57
Operator : SJ/JU
Sample : I4557-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

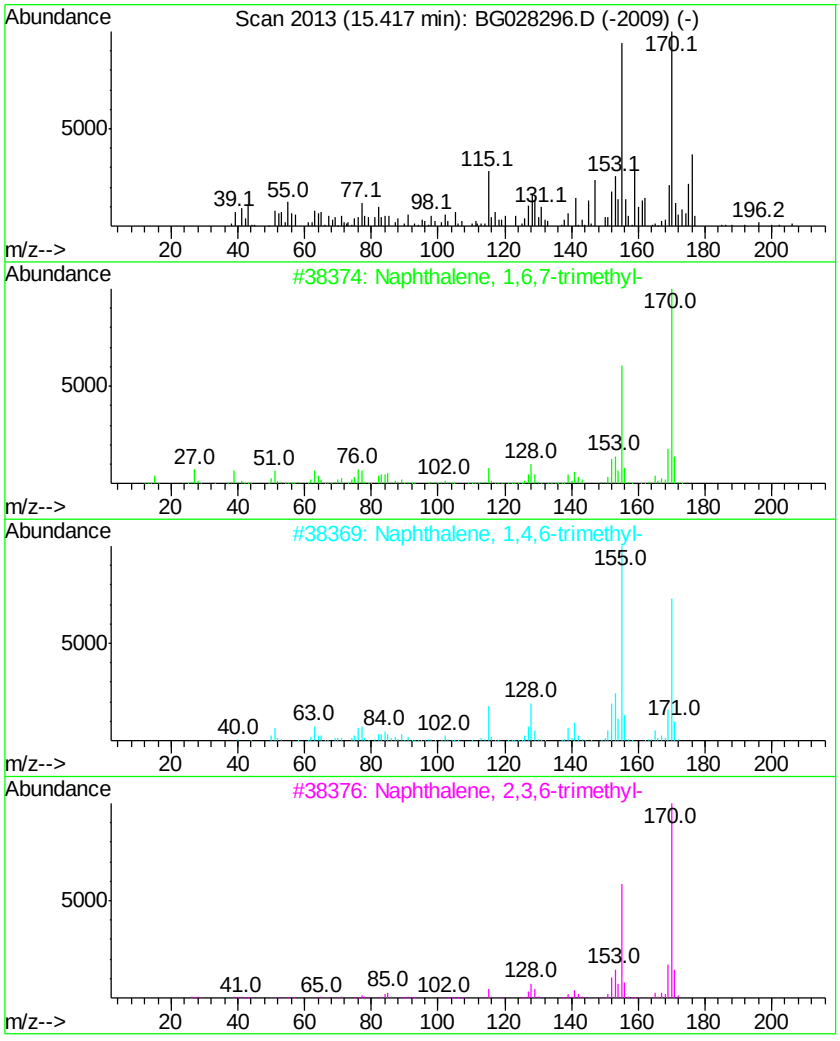
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

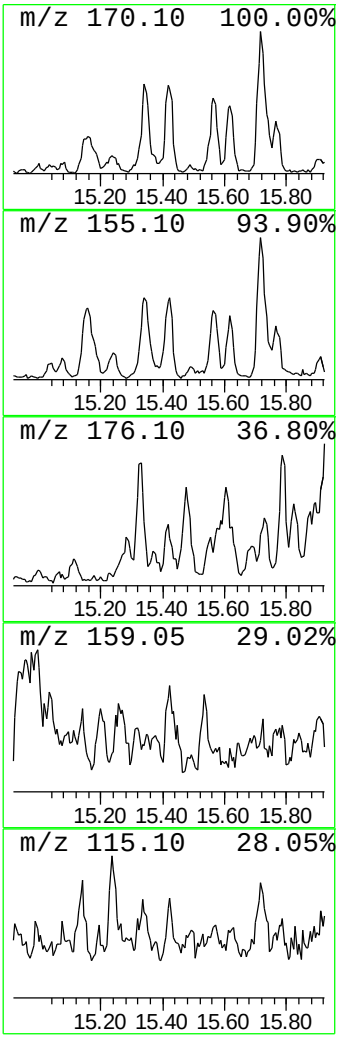
****

Peak Number 27 Naphthalene, 1,6,7-trimethyl- Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.42	4.23 ng/ul	174427	Acenaphthene-d10	14.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93
5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	93





Data Path : Z:\HPCHEM1\BNA G\Data\BG081117\
Data File : BG028296.D
Acq On : 11 Aug 2017 18:57
Operator : SJ/JU
Sample : I4557-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

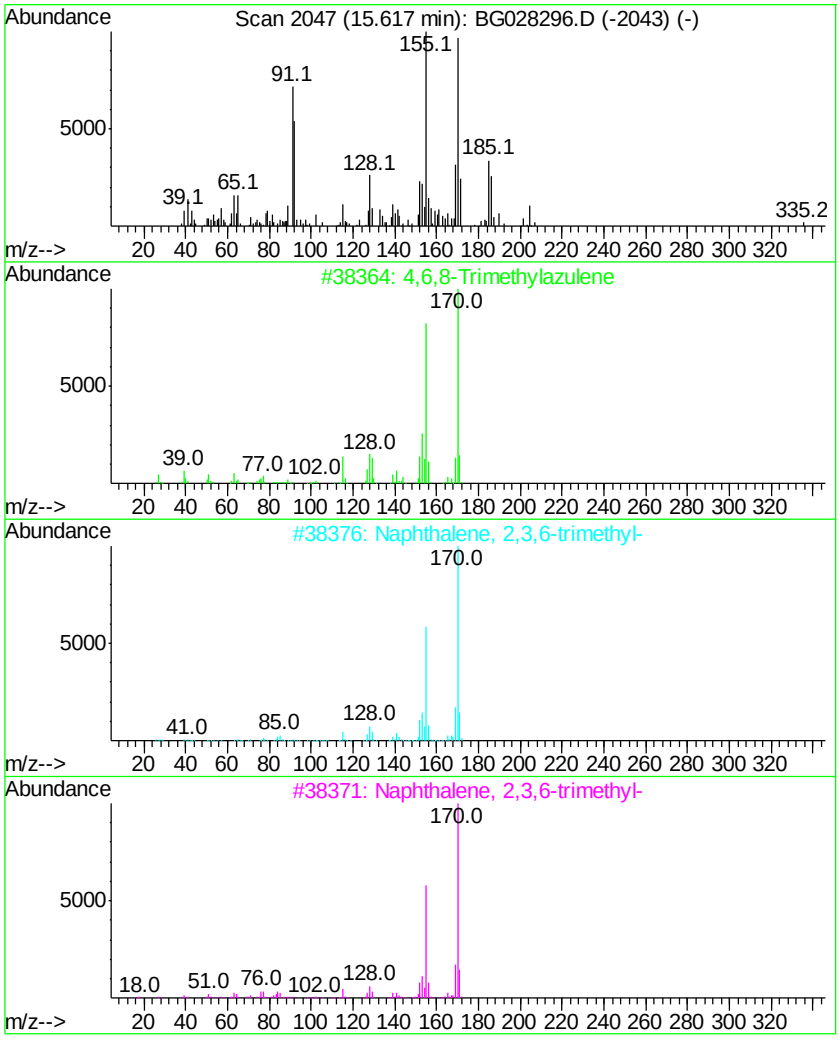
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

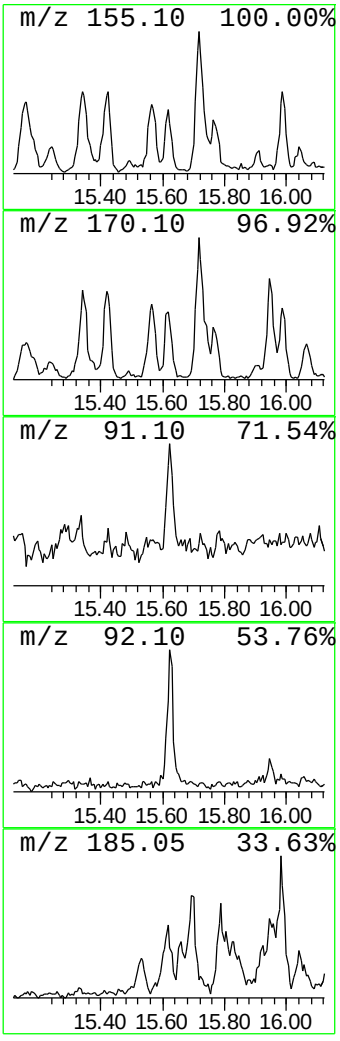
****

Peak Number 28 4,6,8-Trimethylazulene Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.62	4.86 ng/ul	200501	Acenaphthene-d10	14.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	55
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	55
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	55
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	55
5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	53





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\Data\BG081117\
Data File : BG028296.D
Acq On : 11 Aug 2017 18:57
Operator : SJ/JU
Sample : I4557-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

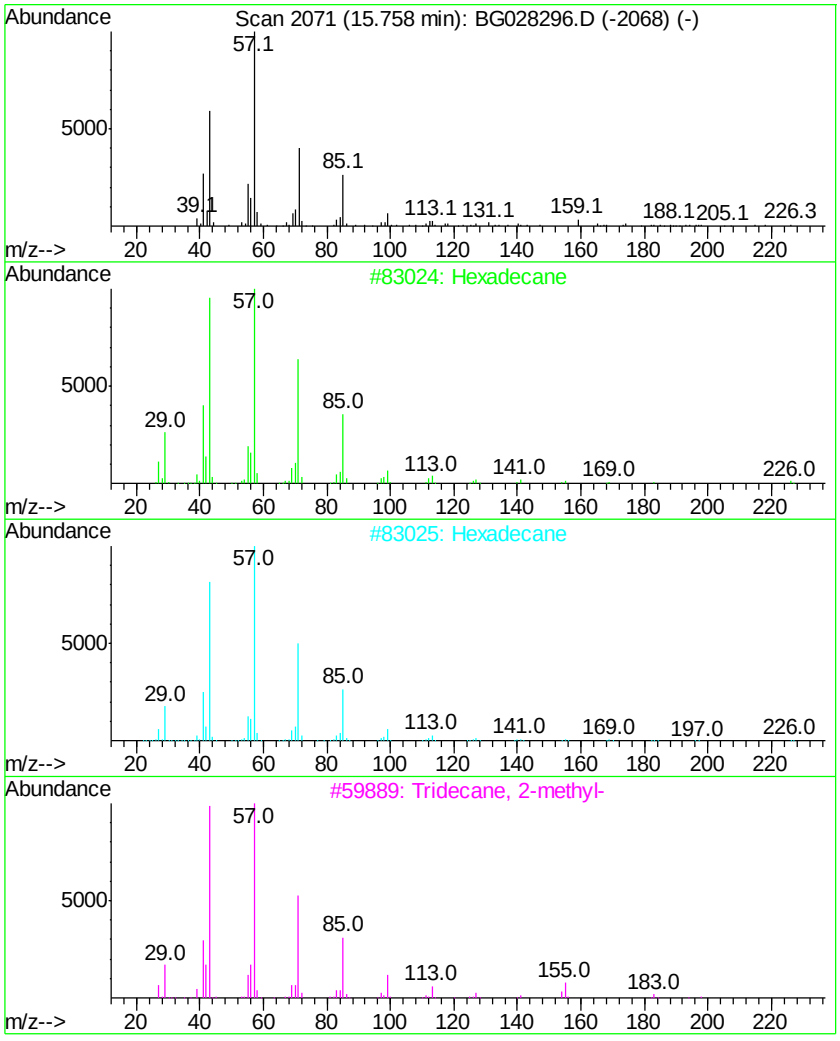
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

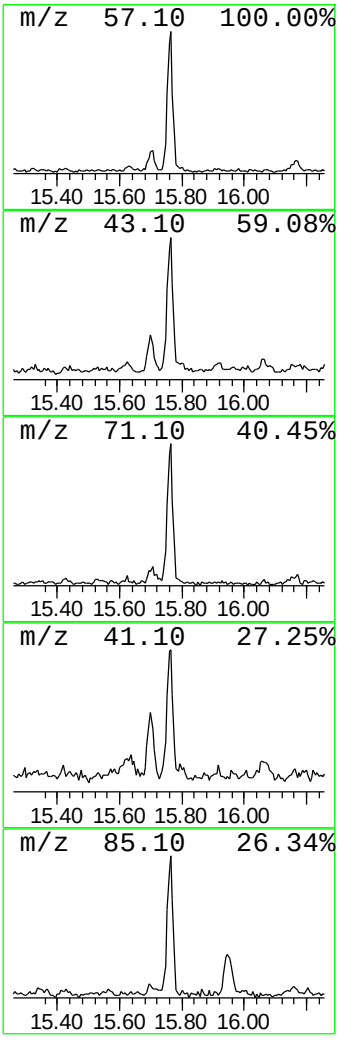
****

Peak Number 30 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.76	7.60 ng/ul	313382	Acenaphthene-d10	14.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	76
2	Hexadecane	226	C16H34	000544-76-3	74
3	Tridecane, 2-methyl-	198	C14H30	001560-96-9	72
4	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	64
5	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1000309-12-5	64





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\Data\BG081117\
Data File : BG028296.D
Acq On : 11 Aug 2017 18:57
Operator : SJ/JU
Sample : I4557-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

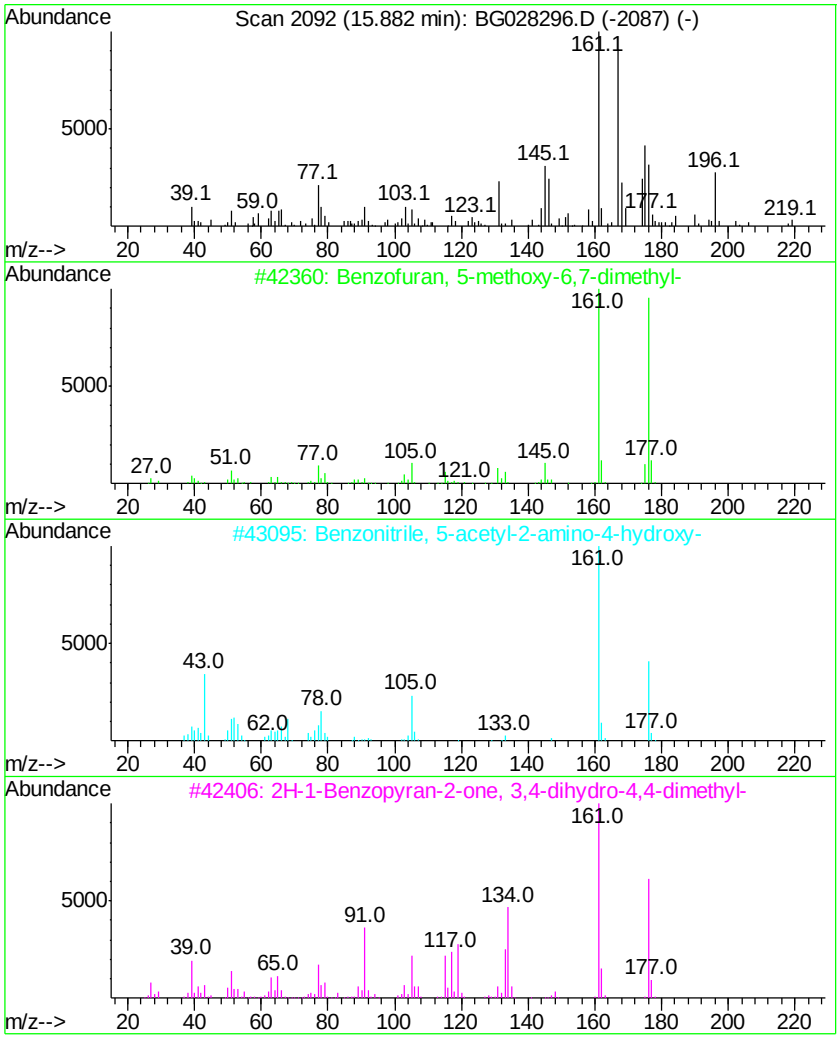
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

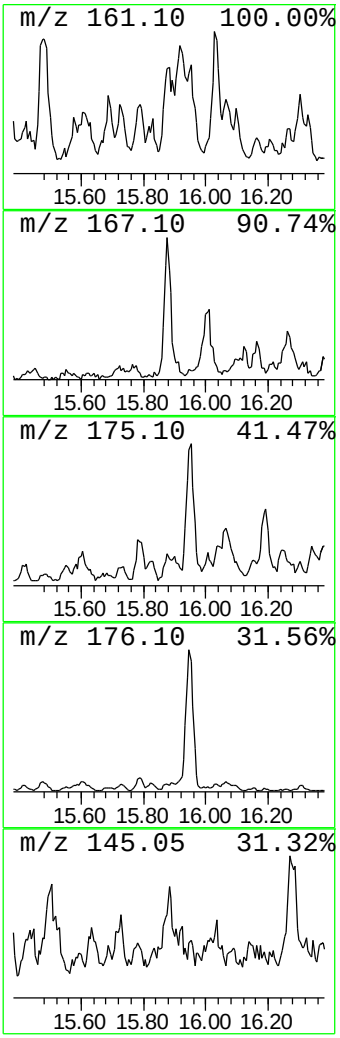
****

Peak Number 31 unknown-06 Concentration Rank 65

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.88	2.43 ng/ul	100205	Acenaphthene-d10	14.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 5-methoxy-6,7-dimethyl-	176	C11H12O2	035355-35-2	42
2	Benzonitrile, 5-acetyl-2-amino-4...	176	C9H8N2O2	1000338-04-1	38
3	2H-1-Benzopyran-2-one, 3,4-dihyd...	176	C11H12O2	029598-22-9	30
4	2-Acetyl-7-hydroxybenzofuran	176	C10H8O3	040020-87-9	30
5	1-(2,3,4,5-Tetramethylphenyl)eth...	176	C12H16O	034764-71-1	30





Data Path : Z:\HPCHEM1\BNA G\Data\BG081117\
Data File : BG028296.D
Acq On : 11 Aug 2017 18:57
Operator : SJ/JU
Sample : I4557-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

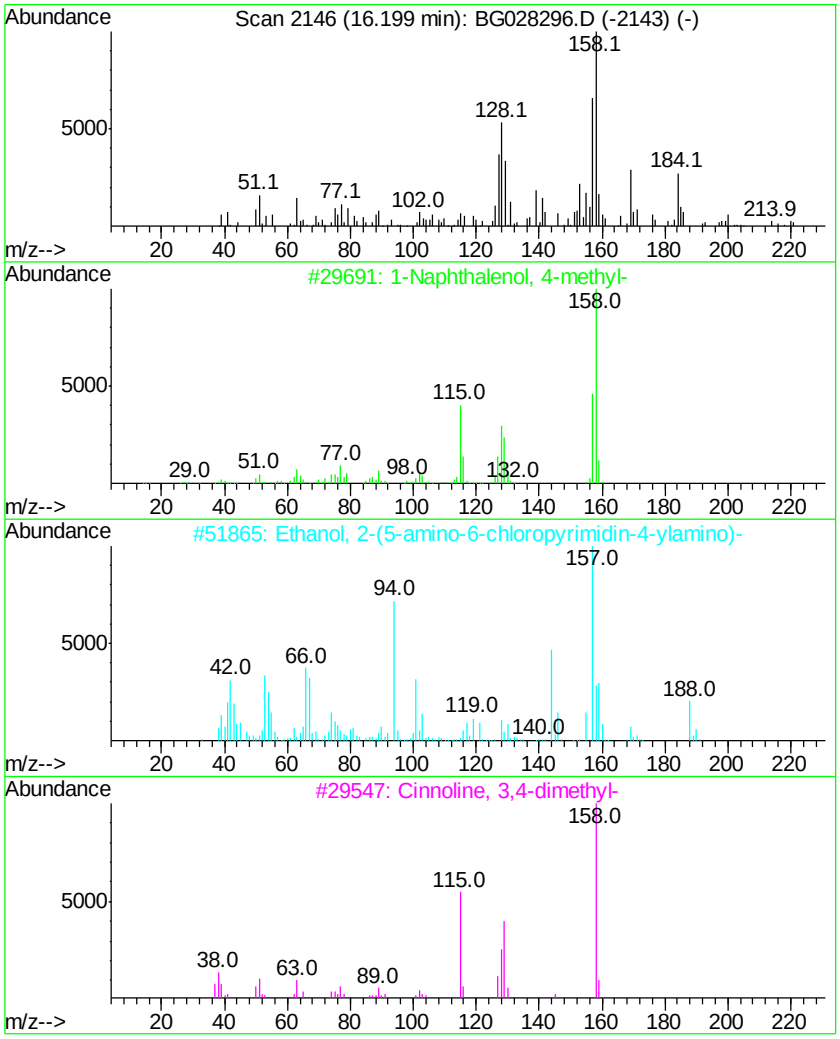
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

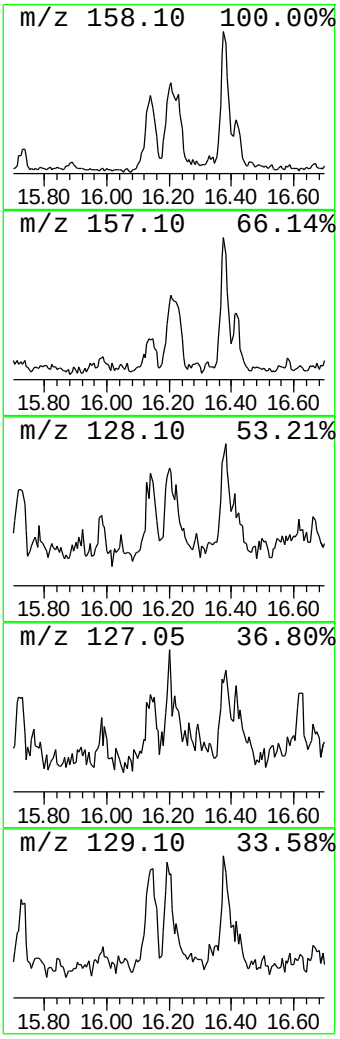
****

Peak Number 32 1-Naphthalenol, 4-methyl- Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.20	2.84 ng/ul	117310	Acenaphthene-d10	14.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Naphthalenol, 4-methyl-	158	C11H10O	010240-08-1	53
2	Ethanol, 2-(5-amino-6-chloropyri...	188	C6H9ClN4O	1000316-04-5	43
3	Cinnoline, 3,4-dimethyl-	158	C10H10N2	003929-83-7	38
4	1-(2-Aminophenyl)pyrrole	158	C10H10N2	006025-60-1	38
5	1H-Benzimidazole, 1-(2-propenyl)-	158	C10H10N2	019018-22-5	35





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\Data\BG081117\
Data File : BG028296.D
Acq On : 11 Aug 2017 18:57
Operator : SJ/JU
Sample : I4557-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

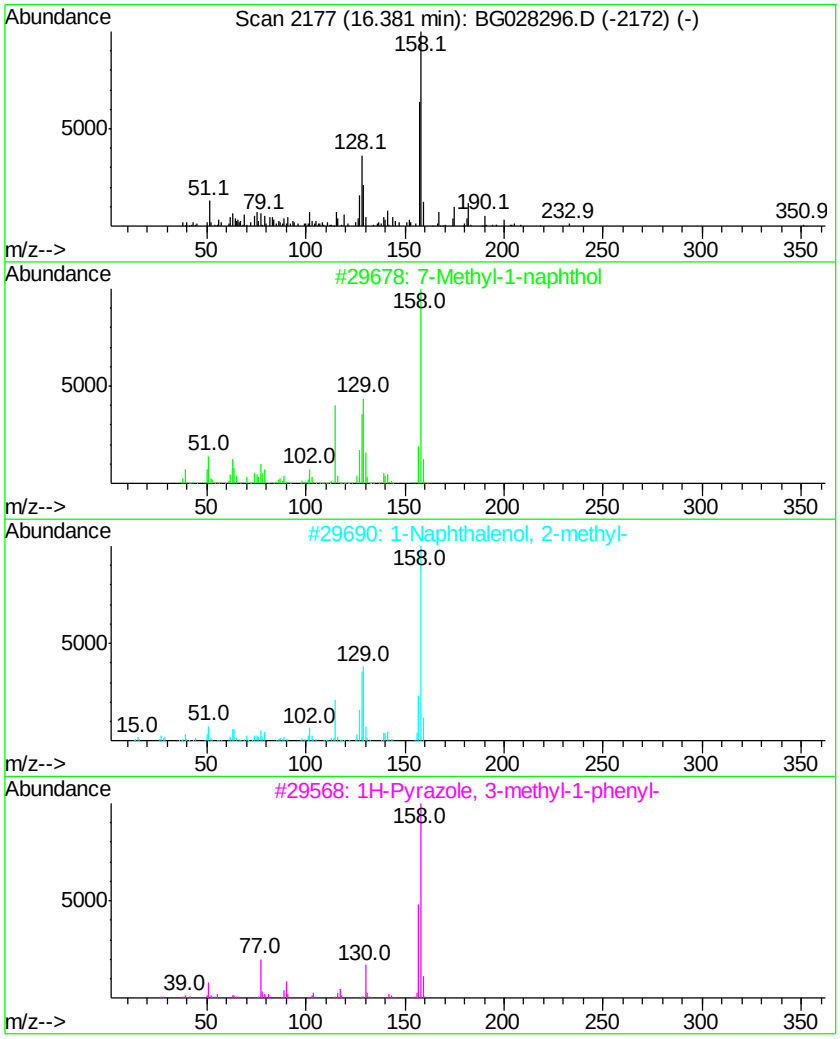
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

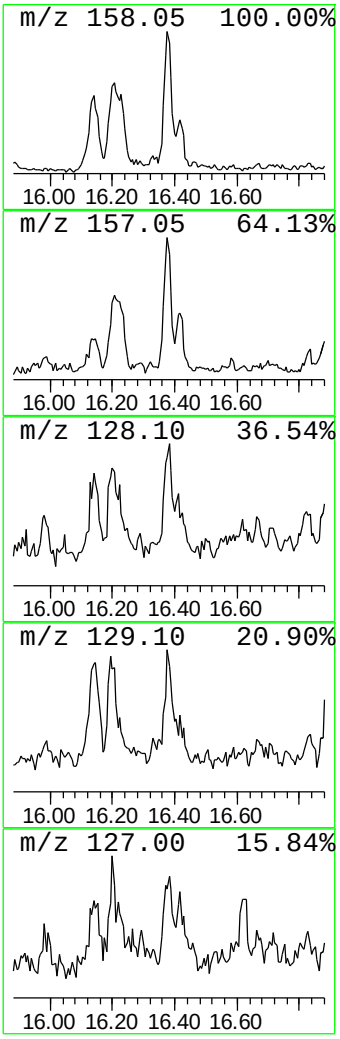
****

Peak Number 33 7-Methyl-1-naphthol Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.38	3.37 ng/ul	134114	Phenanthrene-d10	17.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Methyl-1-naphthol	158	C11H10O	006939-33-9	60
2	1-Naphthalenol, 2-methyl-	158	C11H10O	007469-77-4	50
3	1H-Pyrazole, 3-methyl-1-phenyl-	158	C10H10N2	001128-54-7	47
4	Benzene, 1,3-bis(1-methylethenyl)-	158	C12H14	003748-13-8	46
5	2-Amino-3H-benzoimidazole-5-carb...	158	C8H6N4	063655-40-3	43





Data Path : Z:\HPCHEM1\BNA G\Data\BG081117\
Data File : BG028296.D
Acq On : 11 Aug 2017 18:57
Operator : SJ/JU
Sample : I4557-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

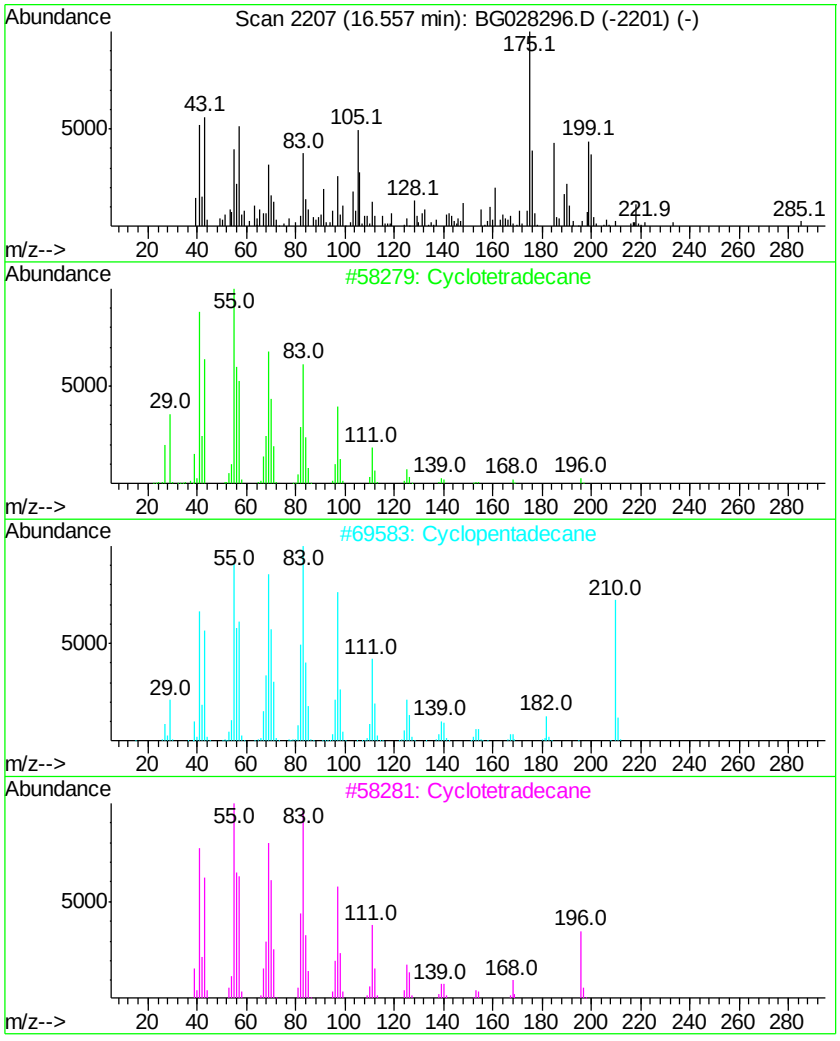
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

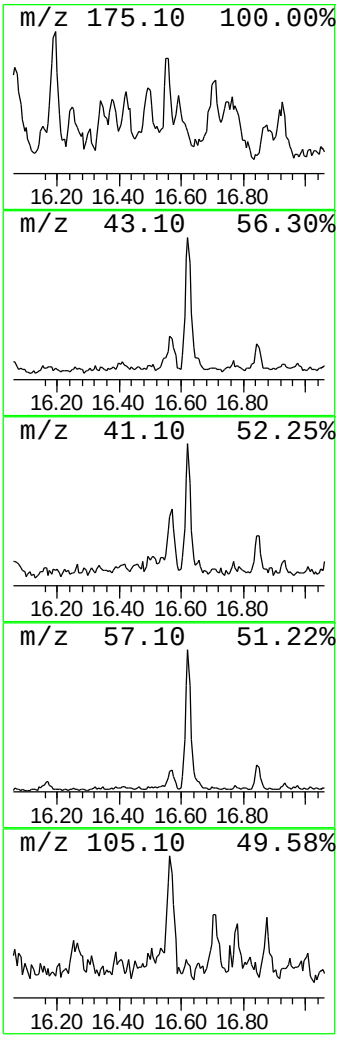
****

Peak Number 34 (DEL) Alkane: Cyclic16.56 Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.56	5.16 ng/ul	205636	Phenanthrene-d10	17.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetradecane	196	C14H28	000295-17-0	46
2	Cyclopentadecane	210	C15H30	000295-48-7	43
3	Cyclotetradecane	196	C14H28	000295-17-0	42
4	9-Octadecene, (E)-	252	C18H36	007206-25-9	41
5	Cyclotetradecane	196	C14H28	000295-17-0	41





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\Data\BG081117\
Data File : BG028296.D
Acq On : 11 Aug 2017 18:57
Operator : SJ/JU
Sample : I4557-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

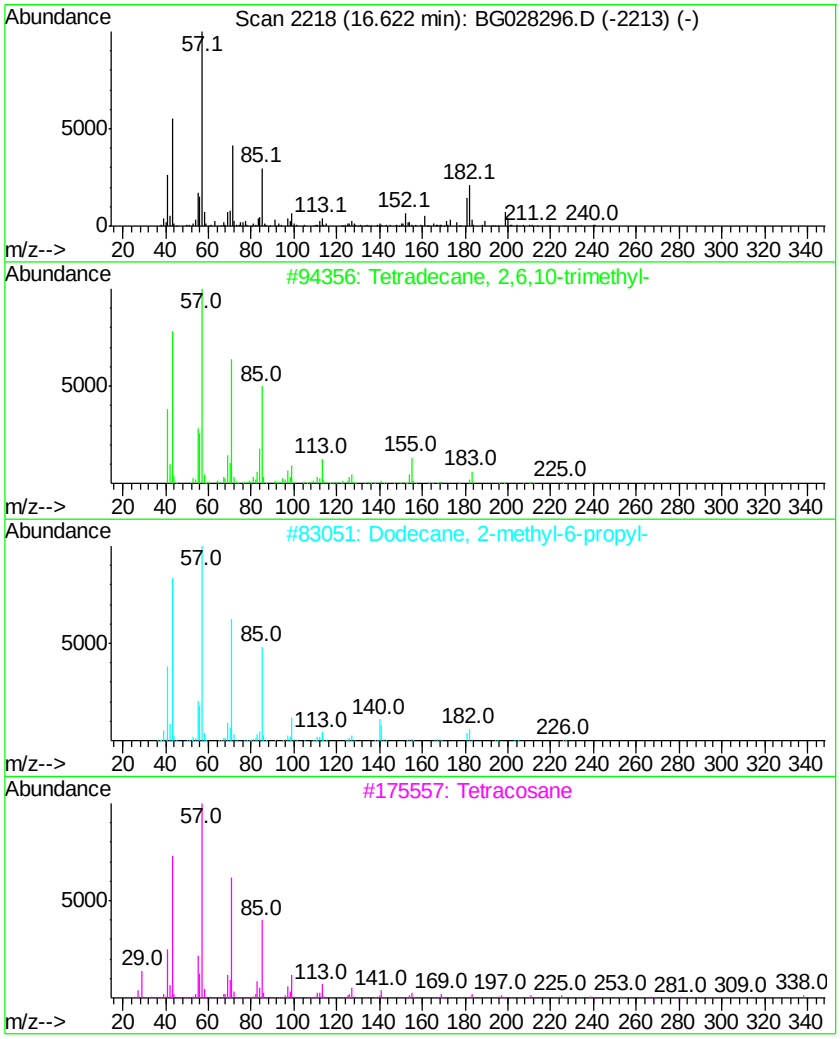
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

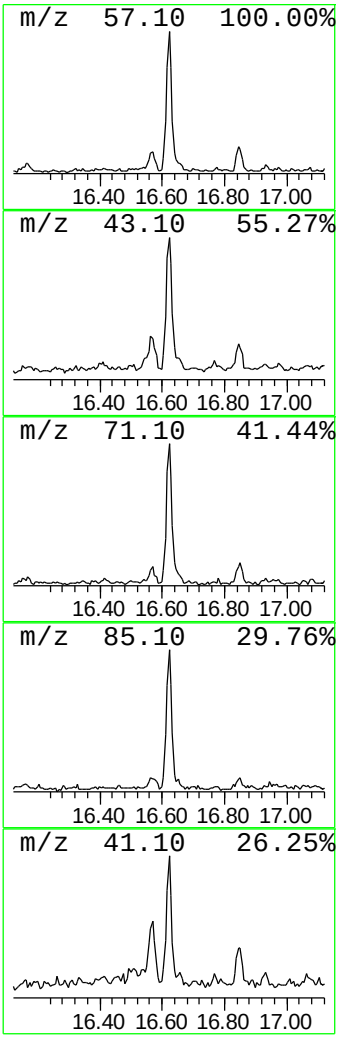
****

Peak Number 35 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.62	9.54 ng/ul	380294	Phenanthrene-d10	17.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	58
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	49
3	Tetracosane	338	C24H50	000646-31-1	49
4	Heptadecane	240	C17H36	000629-78-7	49
5	Triacontane	422	C30H62	000638-68-6	47





Data Path : Z:\HPCHEM1\BNA G\Data\BG081117\
Data File : BG028296.D
Acq On : 11 Aug 2017 18:57
Operator : SJ/JU
Sample : I4557-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

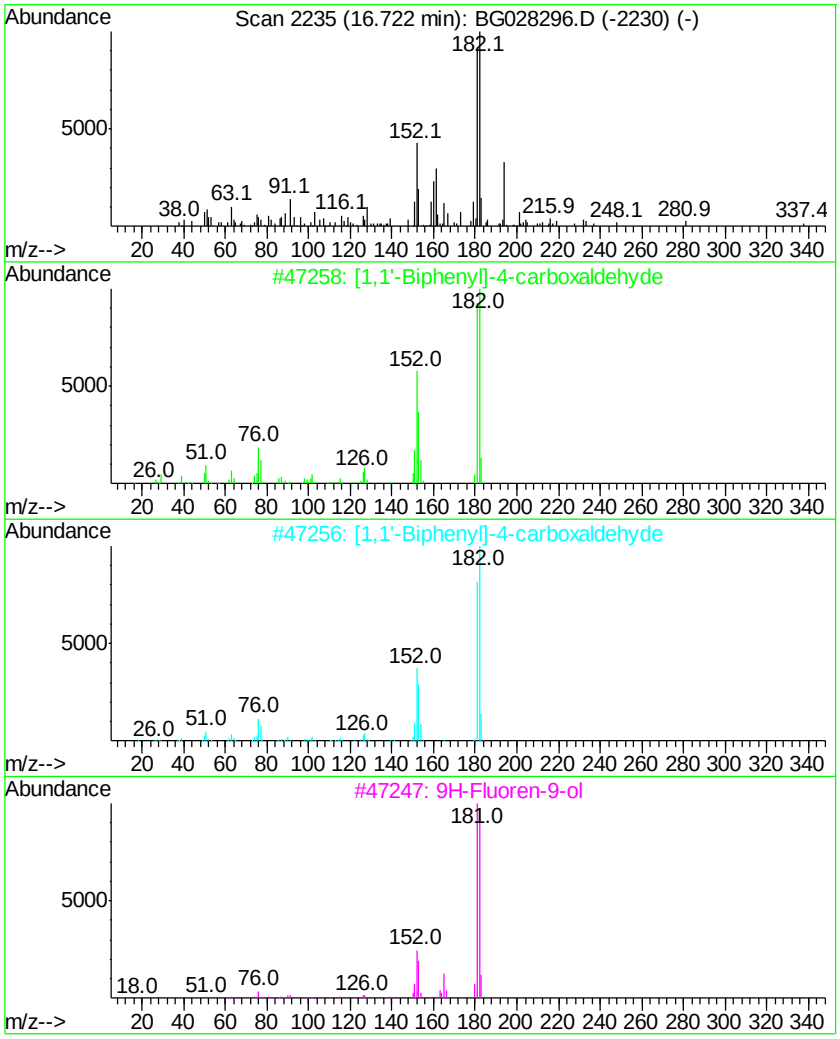
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

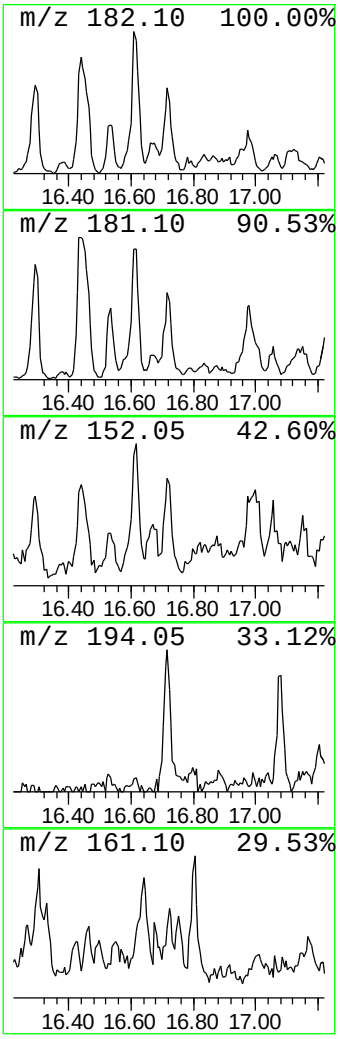
****

Peak Number 36 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.72	3.19 ng/ul	127236	Phenanthrene-d10	17.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	76
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	68
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	64
4	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	58
5	Norharmane, N-methyl-	182	C12H10N2	1000374-78-6	58





Data Path : Z:\HPCHEM1\BNA G\Data\BG081117\
Data File : BG028296.D
Acq On : 11 Aug 2017 18:57
Operator : SJ/JU
Sample : I4557-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

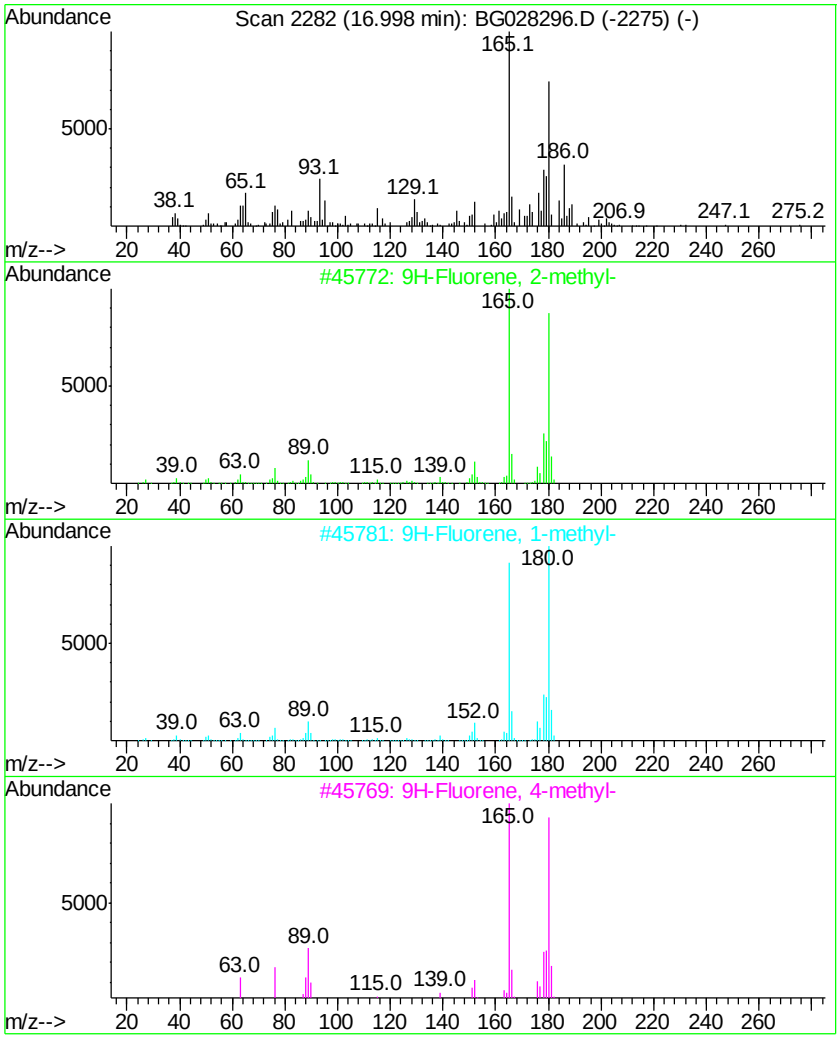
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

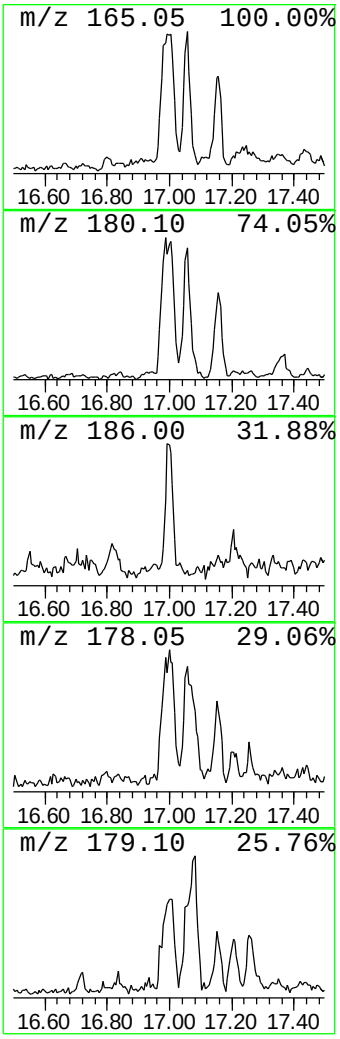
****

Peak Number 37 9H-Fluorene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.00	10.41 ng/ul	414805	Phenanthrene-d10	17.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	83
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	78
3	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	64
4	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	64
5	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	64





Data Path : Z:\HPCHEM1\BNA G\Data\BG081117\
Data File : BG028296.D
Acq On : 11 Aug 2017 18:57
Operator : SJ/JU
Sample : I4557-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

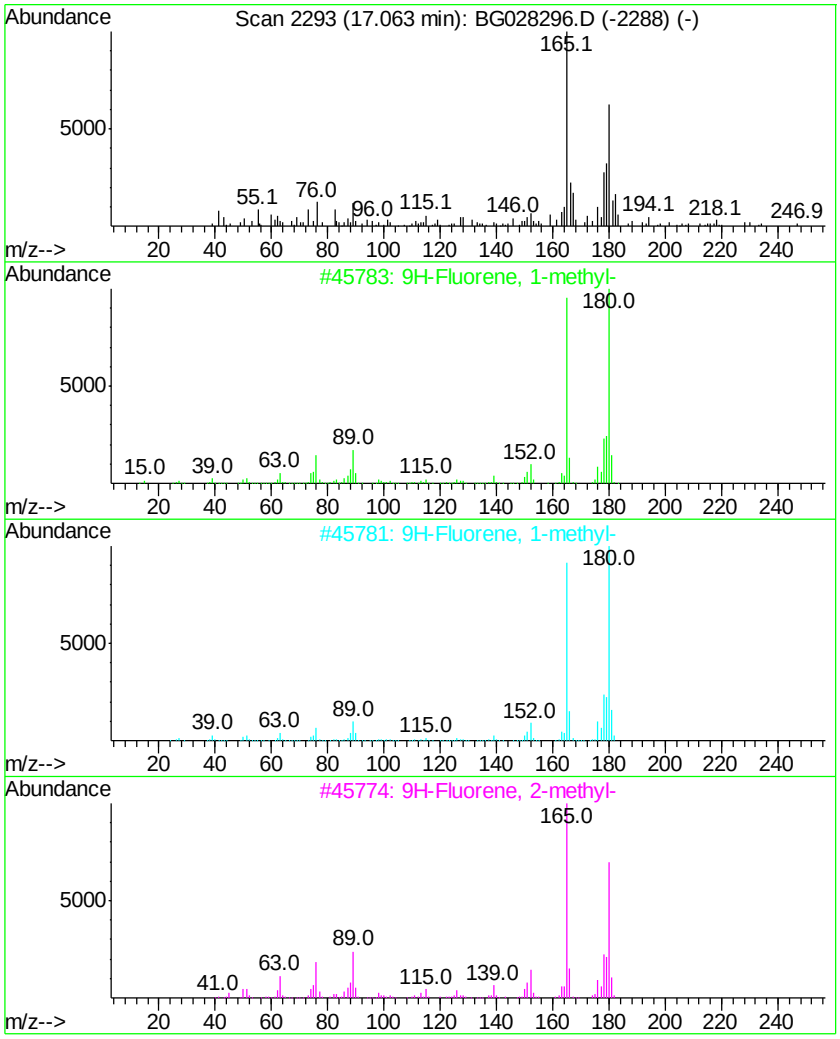
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

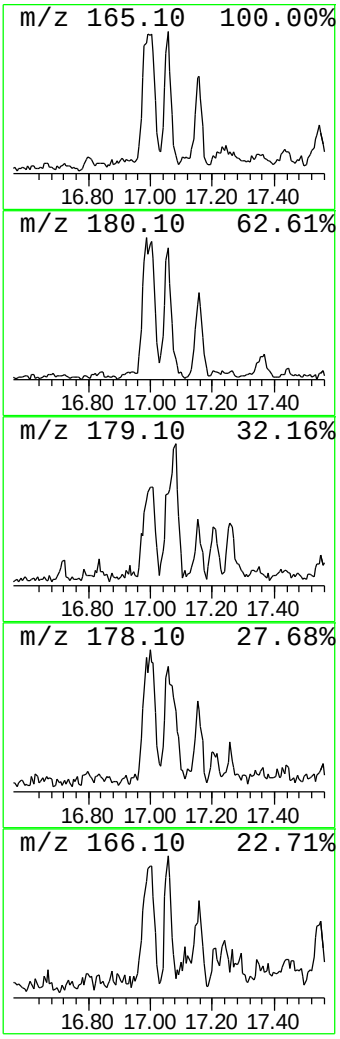
****

Peak Number 38 9H-Fluorene, 1-methyl- Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.06	4.62 ng/ul	184056	Phenanthrene-d10	17.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	89
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	89
3	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	76
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	76
5	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	76





Data Path : Z:\HPCHEM1\BNA G\Data\BG081117\
Data File : BG028296.D
Acq On : 11 Aug 2017 18:57
Operator : SJ/JU
Sample : I4557-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

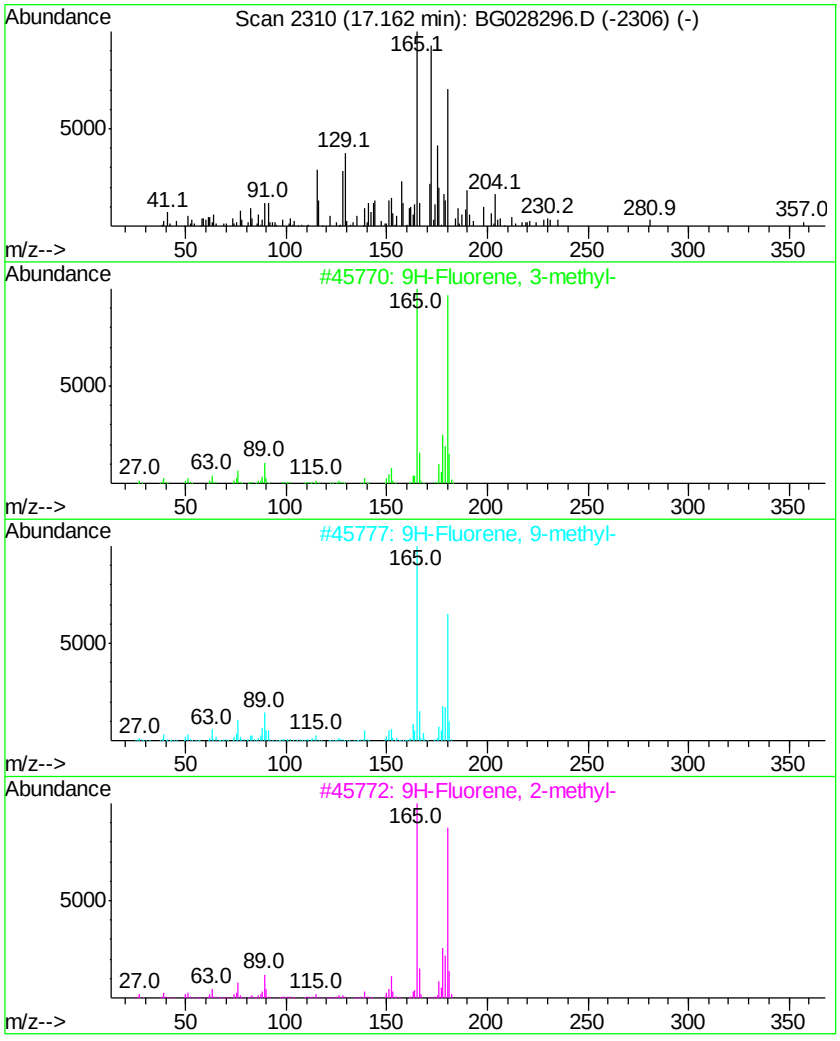
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

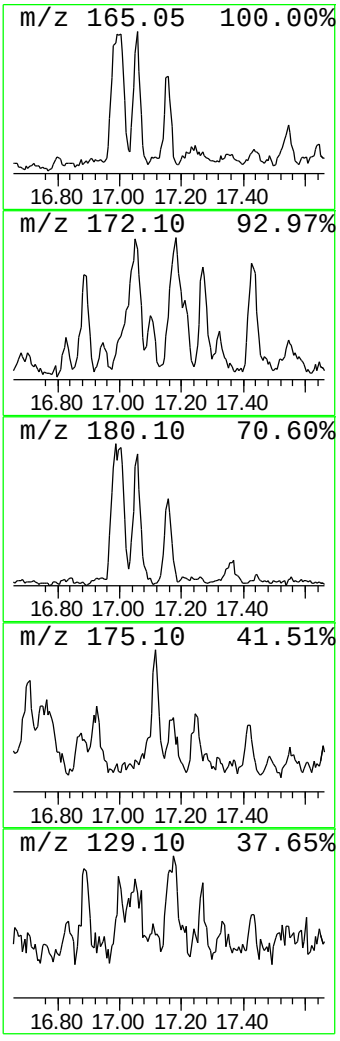
****

Peak Number 39 9H-Fluorene, 3-methyl- Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.16	3.36 ng/ul	133999	Phenanthrene-d10	17.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	55
2	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	55
3	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	55
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	49
5	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	46





Data Path : Z:\HPCHEM1\BNA G\Data\BG081117\
Data File : BG028296.D
Acq On : 11 Aug 2017 18:57
Operator : SJ/JU
Sample : I4557-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

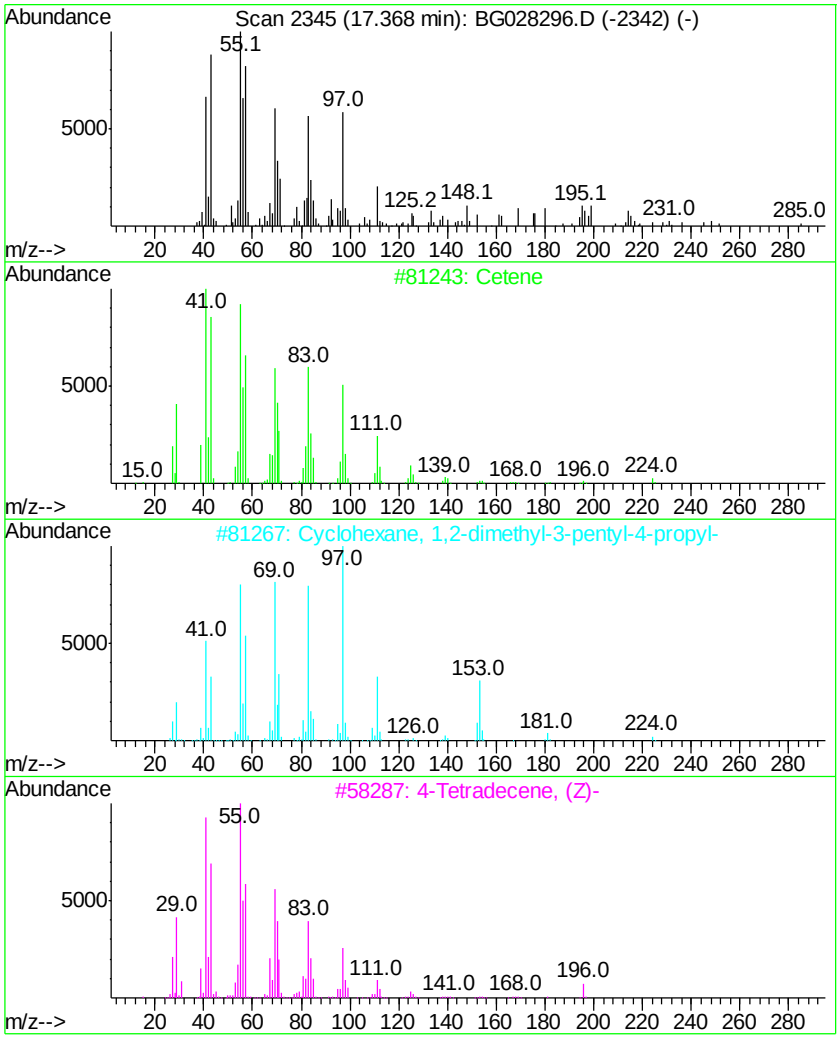
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

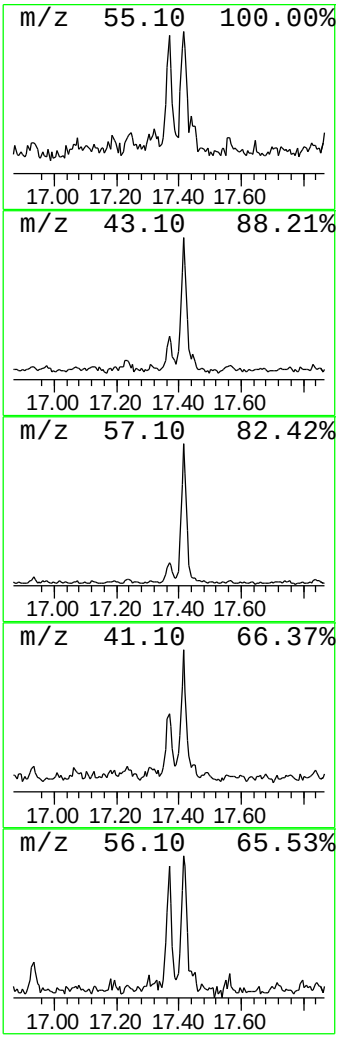
****

Peak Number 40 (DEL) Alkane: Cyclic17.37 Concentration Rank 62

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.37	2.91 ng/ul	115998	Phenanthrene-d10	17.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cetene	224	C16H32	000629-73-2	95
2	Cyclohexane, 1,2-dimethyl-3-pent...	224	C16H32	062376-17-4	87
3	4-Tetradecene, (Z)-	196	C14H28	041446-65-5	70
4	Cycloundecane, (1-methylethyl)-	196	C14H28	062338-56-1	64
5	5-Tetradecene, (E)-	196	C14H28	041446-66-6	64





Data Path : Z:\HPCHEM1\BNA G\Data\BG081117\
Data File : BG028296.D
Acq On : 11 Aug 2017 18:57
Operator : SJ/JU
Sample : I4557-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

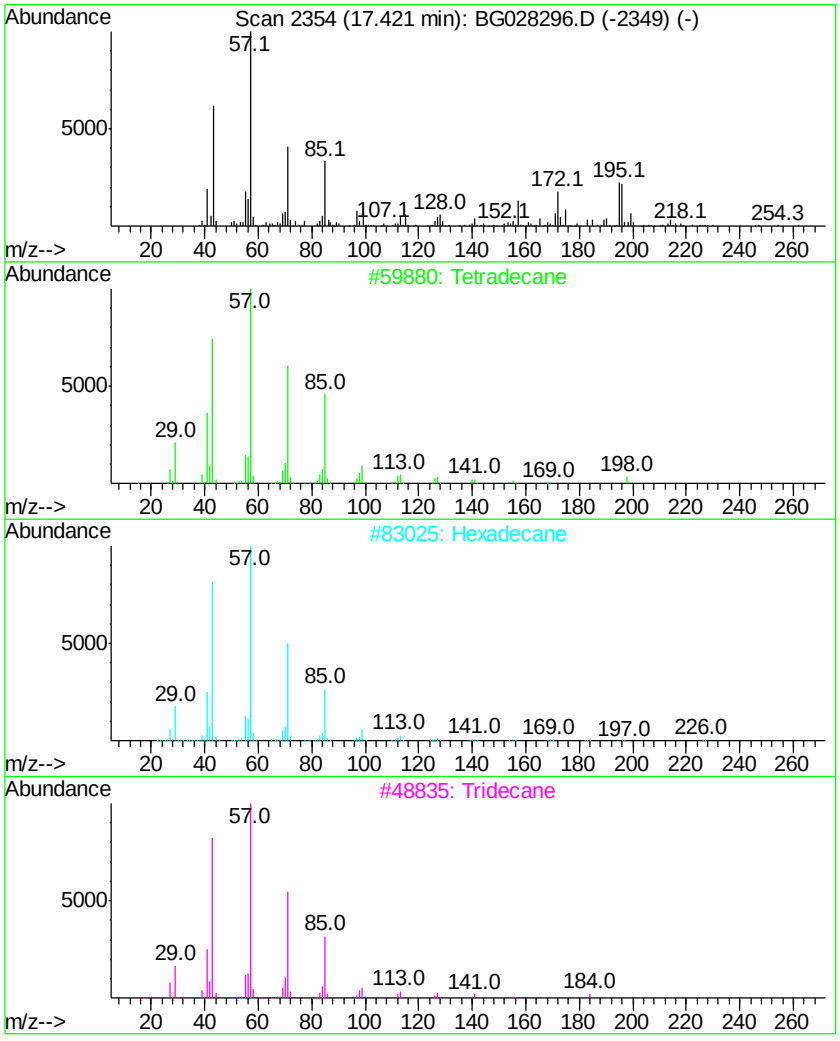
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

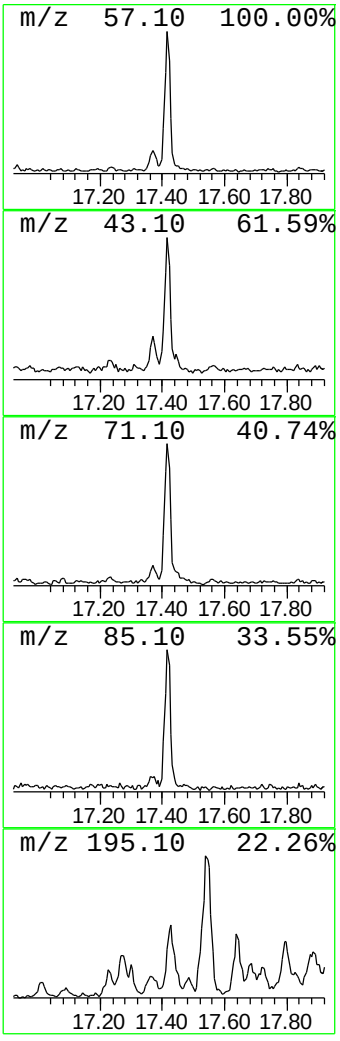
****

Peak Number 41 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.42	13.14 ng/ul	523478	Phenanthrene-d10	17.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	60
2	Hexadecane	226	C16H34	000544-76-3	58
3	Tridecane	184	C13H28	000629-50-5	58
4	Tetradecane	198	C14H30	000629-59-4	55
5	Undecane, 3-methyl-	170	C12H26	001002-43-3	53





Data Path : Z:\HPCHEM1\BNA G\Data\BG081117\
Data File : BG028296.D
Acq On : 11 Aug 2017 18:57
Operator : SJ/JU
Sample : I4557-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

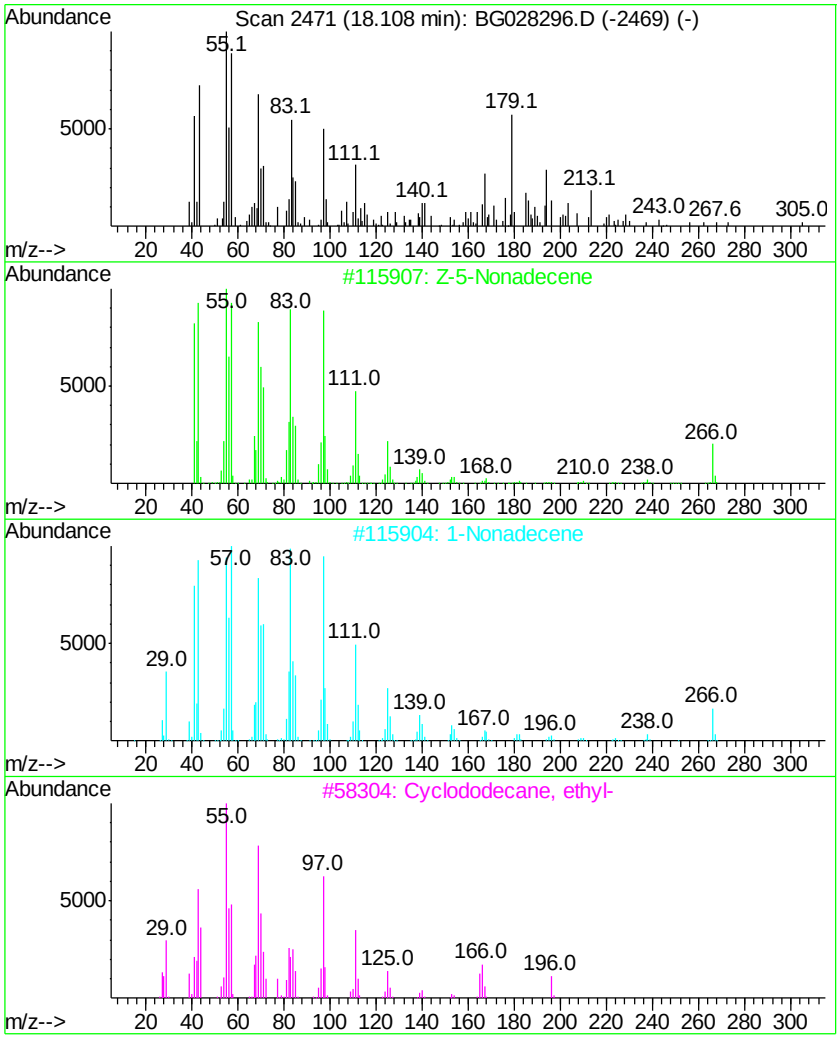
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

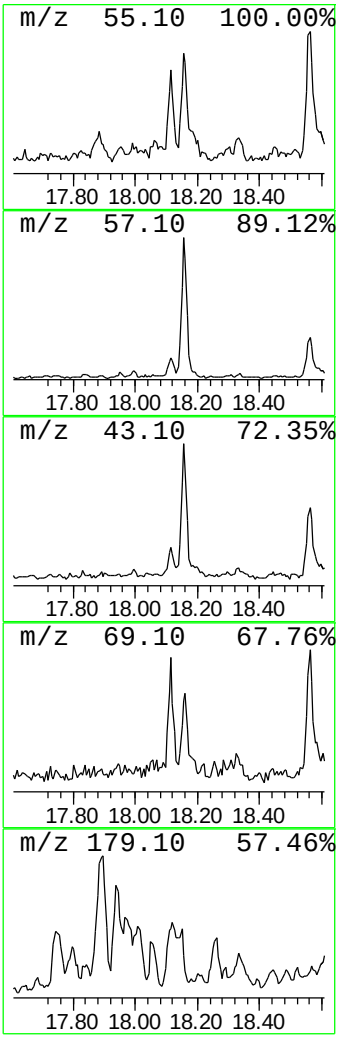
****

Peak Number 43 (DEL) Alkane: Cyclic18.11 Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.11	3.64 ng/ul	144999	Phenanthrene-d10	17.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Z-5-Nonadecene	266	C19H38	1000131-11-8	90
2	1-Nonadecene	266	C19H38	018435-45-5	78
3	Cyclododecane, ethyl-	196	C14H28	028981-49-9	64
4	7-Heptadecene, 1-chloro-	272	C17H33Cl	056554-78-0	60
5	Cyclopentadecane	210	C15H30	000295-48-7	58





Data Path : Z:\HPCHEM1\BNA G\Data\BG081117\
Data File : BG028296.D
Acq On : 11 Aug 2017 18:57
Operator : SJ/JU
Sample : I4557-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

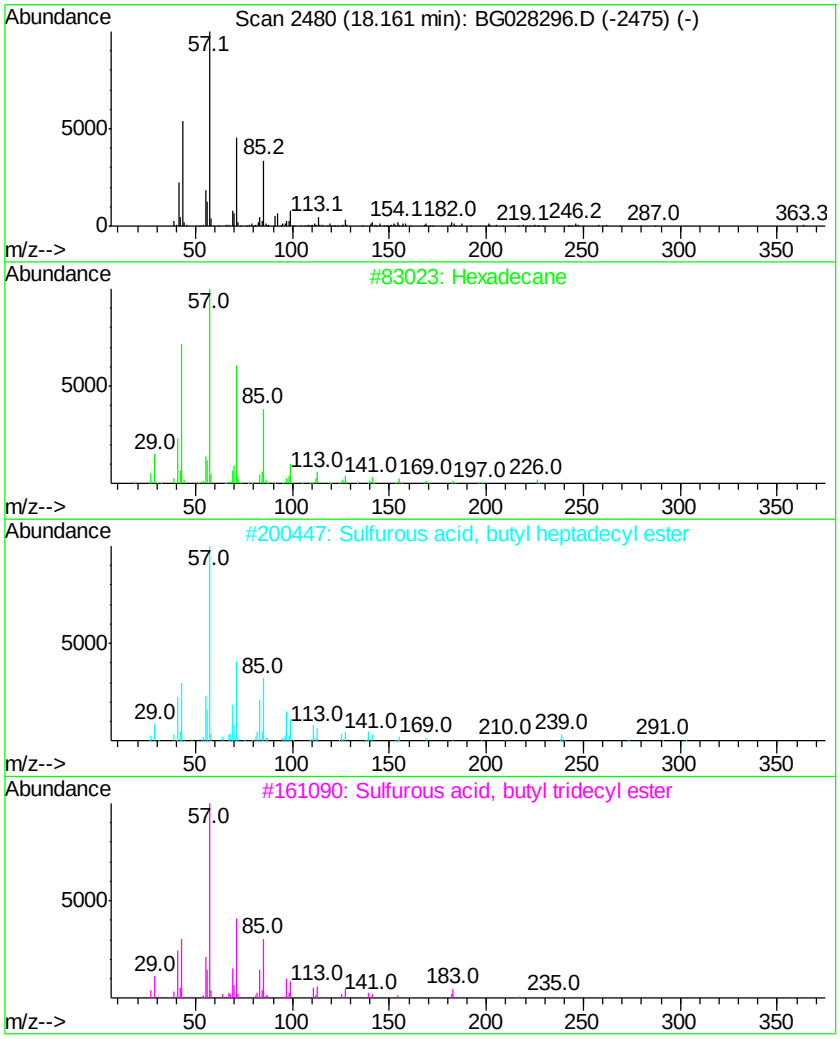
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

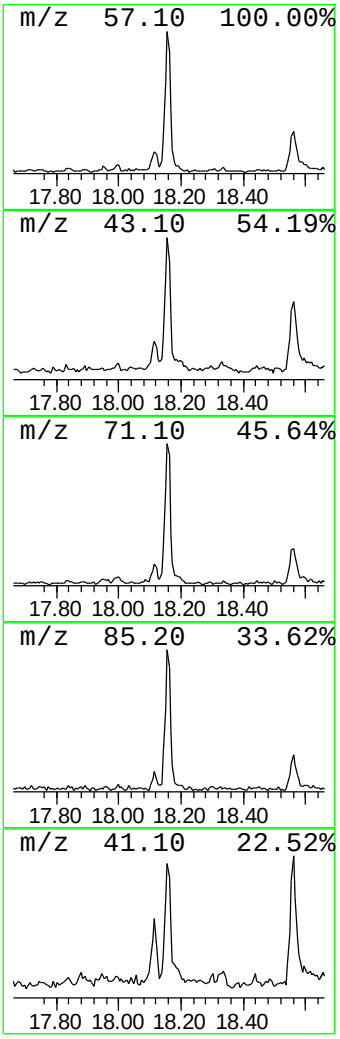
****

Peak Number 44 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.16	12.88 ng/ul	513438	Phenanthrene-d10	17.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	78
2	Sulfurous acid, butyl heptadecyl...	376	C21H44O3S	1000309-18-4	78
3	Sulfurous acid, butyl tridecyl e...	320	C17H36O3S	1000309-18-0	78
4	Heptacosane	380	C27H56	000593-49-7	72
5	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	64





Data Path : Z:\HPCHEM1\BNA G\Data\BG081117\
Data File : BG028296.D
Acq On : 11 Aug 2017 18:57
Operator : SJ/JU
Sample : I4557-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

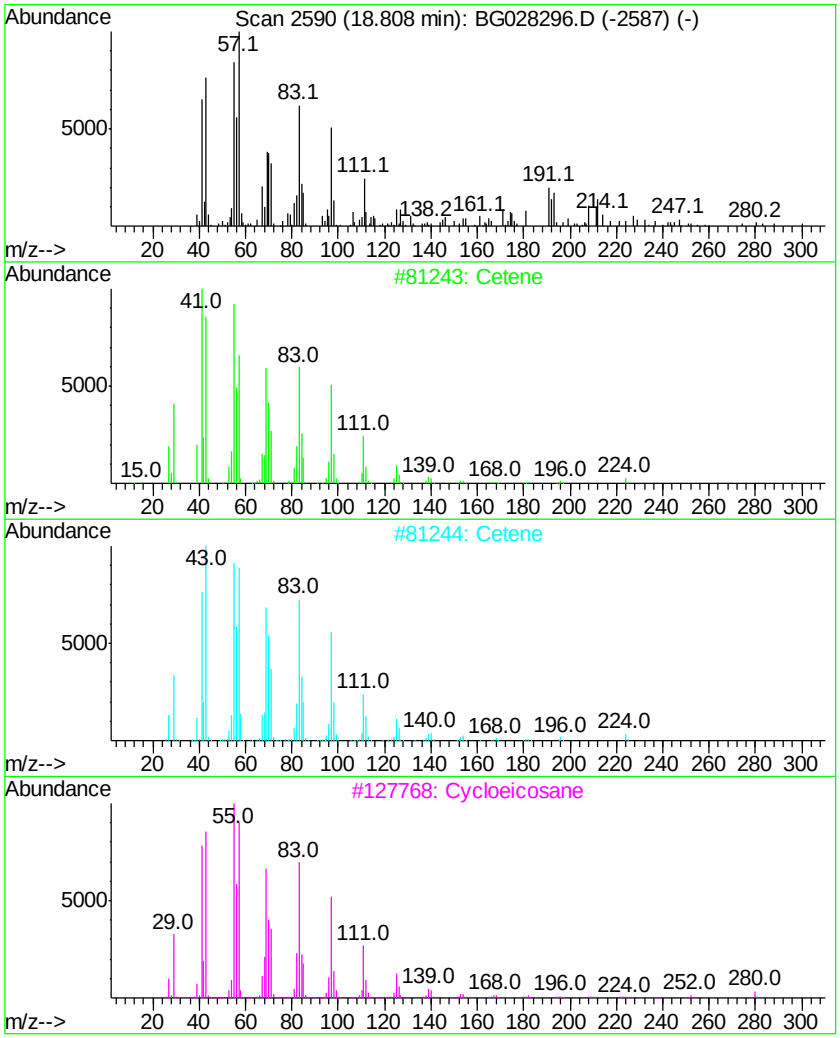
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

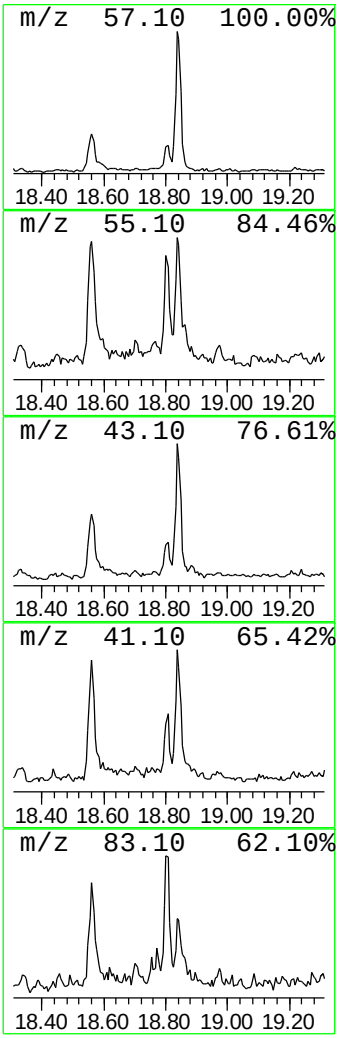
****

Peak Number 48 (DEL) Alkane: Cyclic18.81 Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.81	2.97 ng/ul	118205	Phenanthrene-d10	17.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cetene	224	C16H32	000629-73-2	93
2	Cetene	224	C16H32	000629-73-2	90
3	Cycloeicosane	280	C20H40	000296-56-0	89
4	1-Eicosene	280	C20H40	003452-07-1	89
5	9-Eicosene, (E)-	280	C20H40	074685-29-3	89





Data Path : Z:\HPCHEM1\BNA G\Data\BG081117\
Data File : BG028296.D
Acq On : 11 Aug 2017 18:57
Operator : SJ/JU
Sample : I4557-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

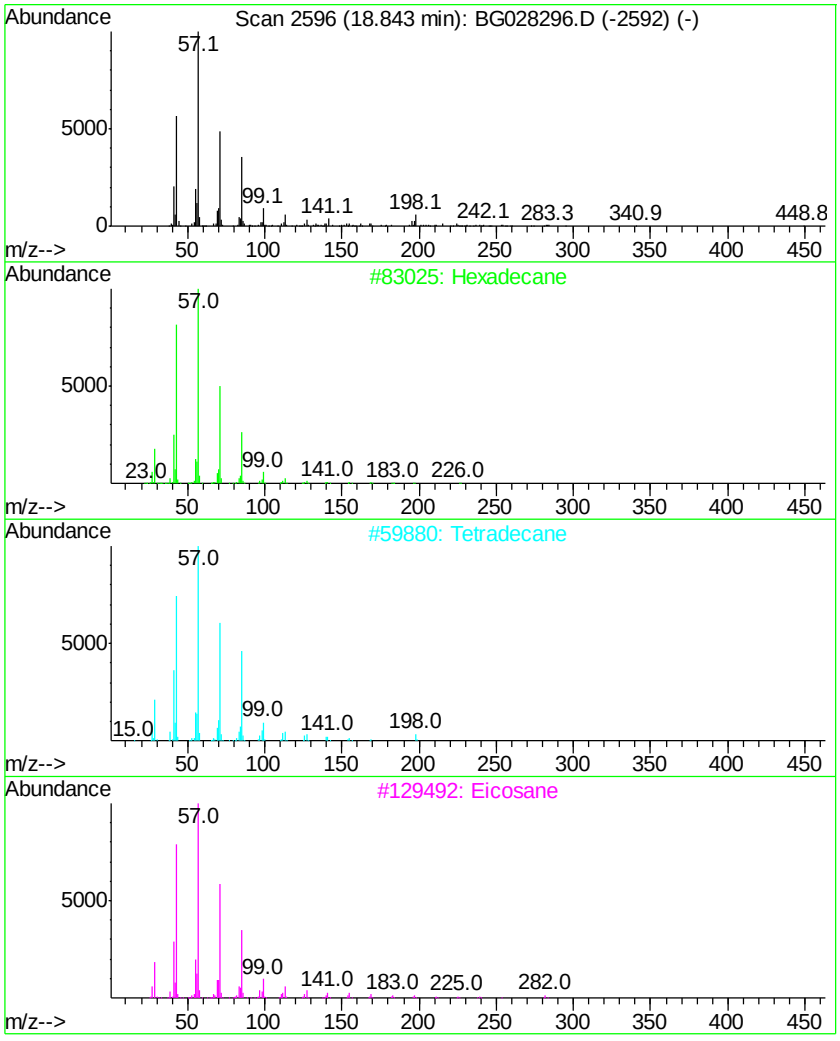
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

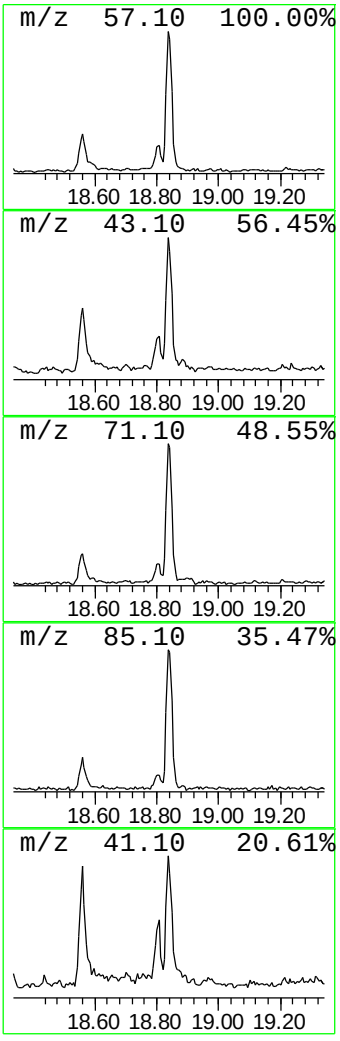
****

Peak Number 49 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.84	8.52 ng/ul	339633	Phenanthrene-d10	17.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	93
2	Tetradecane	198	C14H30	000629-59-4	86
3	Eicosane	282	C20H42	000112-95-8	86
4	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	83
5	Heptacosane	380	C27H56	000593-49-7	83





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\Data\BG081117\
Data File : BG028296.D
Acq On : 11 Aug 2017 18:57
Operator : SJ/JU
Sample : I4557-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

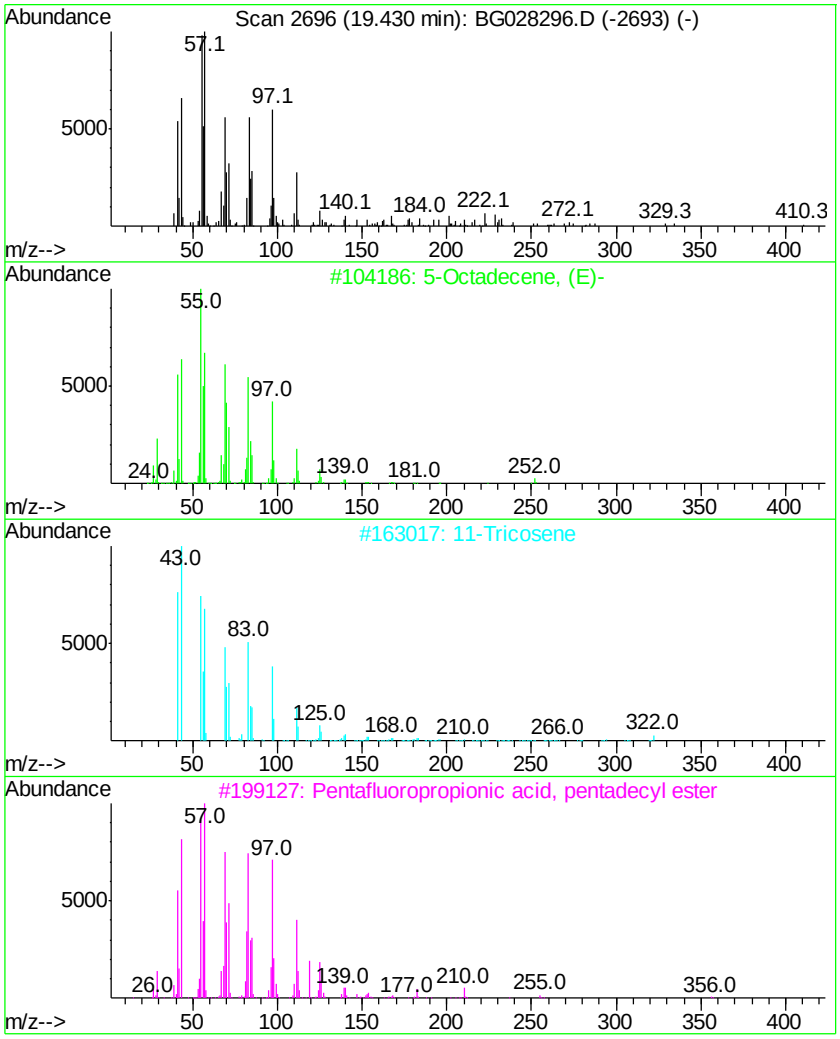
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

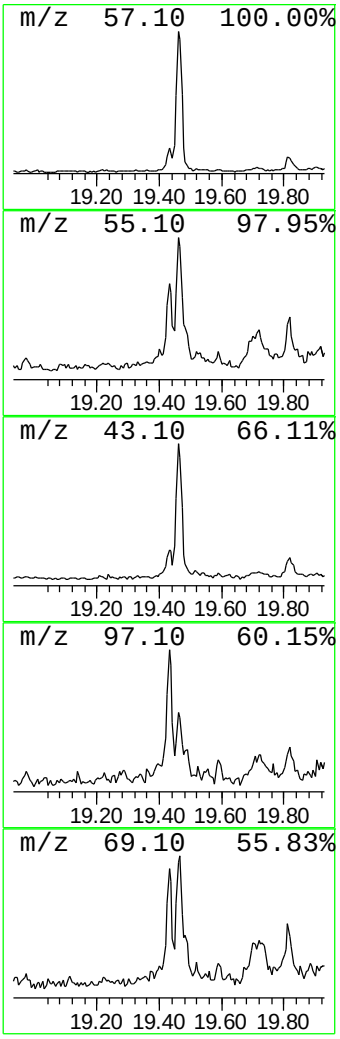
****

Peak Number 50 (DEL) Alkane: Cyclic19.43 Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.43	2.92 ng/ul	116220	Phenanthrene-d10	17.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Octadecene, (E)-	252	C18H36	007206-21-5	72
2	11-Tricosene	322	C23H46	052078-56-5	72
3	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	72
4	Fumaric acid, 2,2-dichloroethyl ...	394	C19H32Cl2O4	1000348-58-1	64
5	n-Nonadecanol-1	284	C19H40O	001454-84-8	64





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\Data\BG081117\
Data File : BG028296.D
Acq On : 11 Aug 2017 18:57
Operator : SJ/JU
Sample : I4557-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

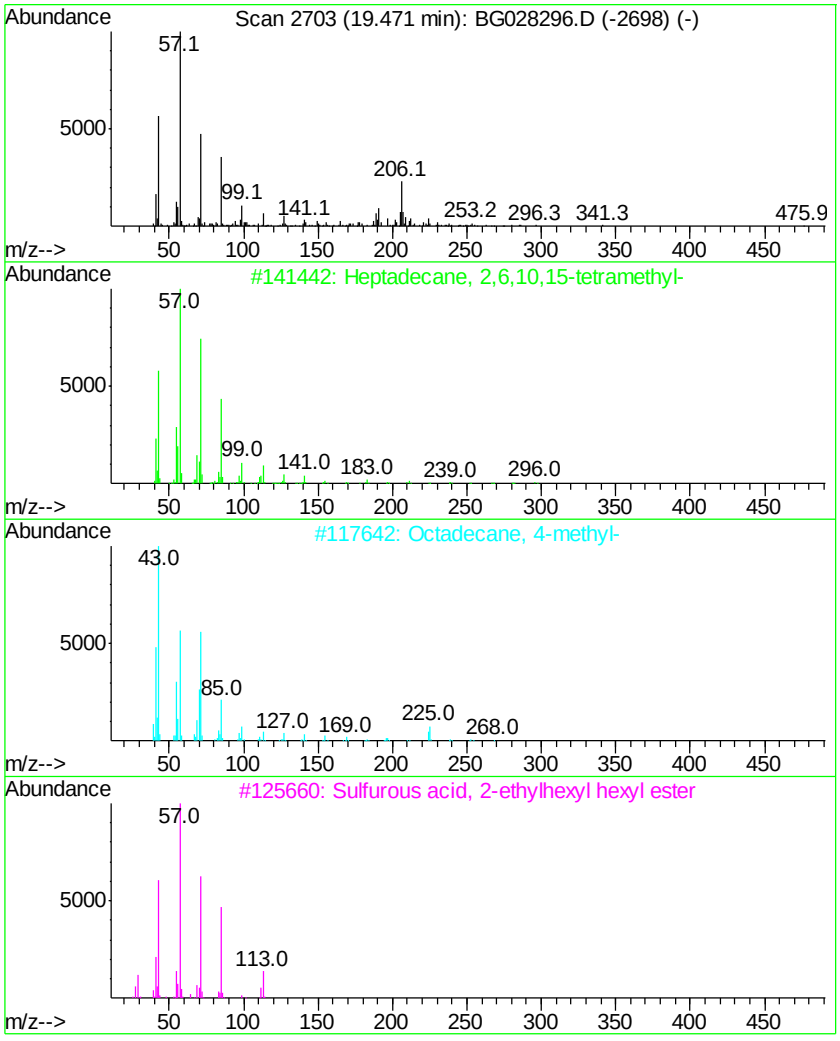
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

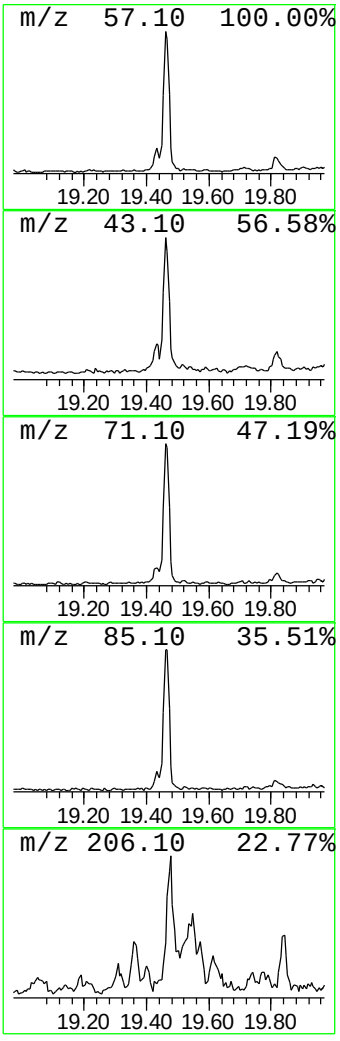
****

Peak Number 51 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.47	15.45 ng/ul	615727	Phenanthrene-d10	17.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	68
2	Octadecane, 4-methyl-	268	C19H40	010544-95-3	62
3	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	59
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	58
5	Heptacosane	380	C27H56	000593-49-7	58





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\Data\BG081117\
Data File : BG028296.D
Acq On : 11 Aug 2017 18:57
Operator : SJ/JU
Sample : I4557-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

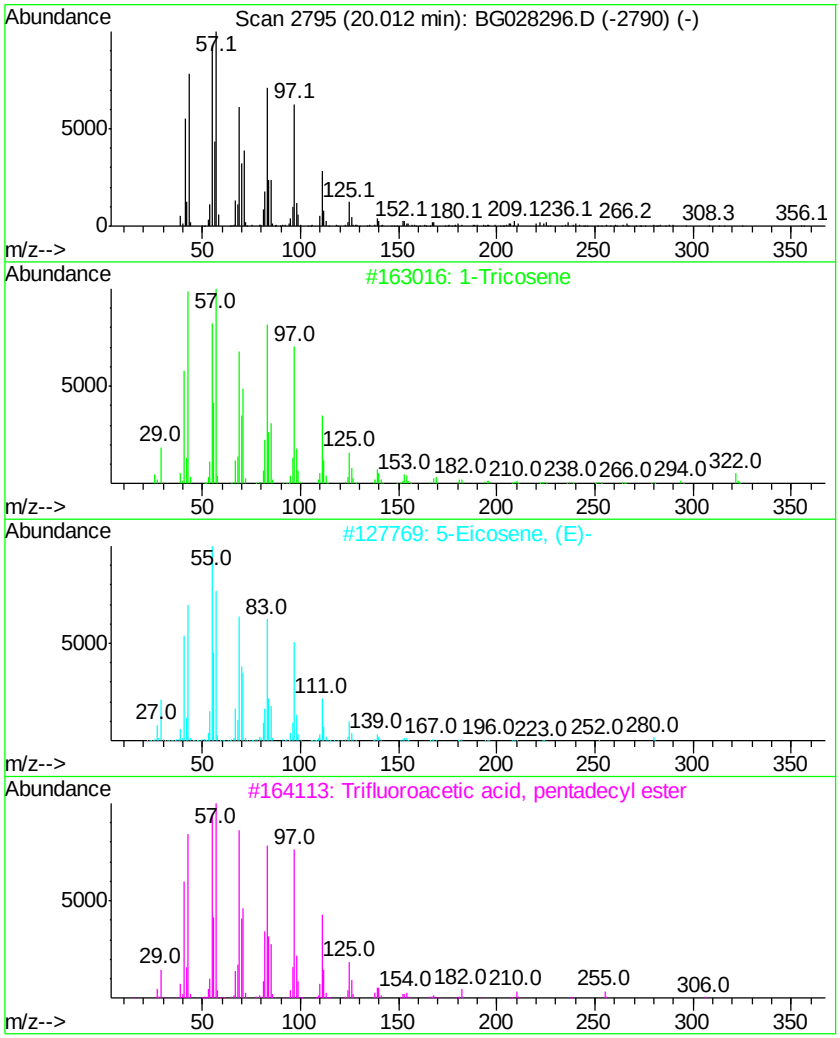
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

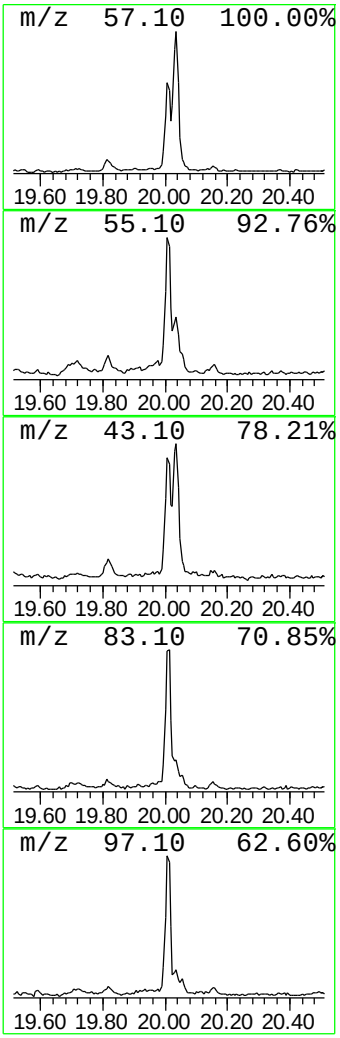
****

Peak Number 53 (DEL) Alkane: Cyclic20.01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.01	15.89 ng/ul	854590	Chrysene-d12	22.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tricosene	322	C23H46	018835-32-0	91
2	5-Eicosene, (E)-	280	C20H40	074685-30-6	90
3	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	87
4	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	87
5	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	87





Data Path : Z:\HPCHEM1\BNA G\Data\BG081117\
Data File : BG028296.D
Acq On : 11 Aug 2017 18:57
Operator : SJ/JU
Sample : I4557-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

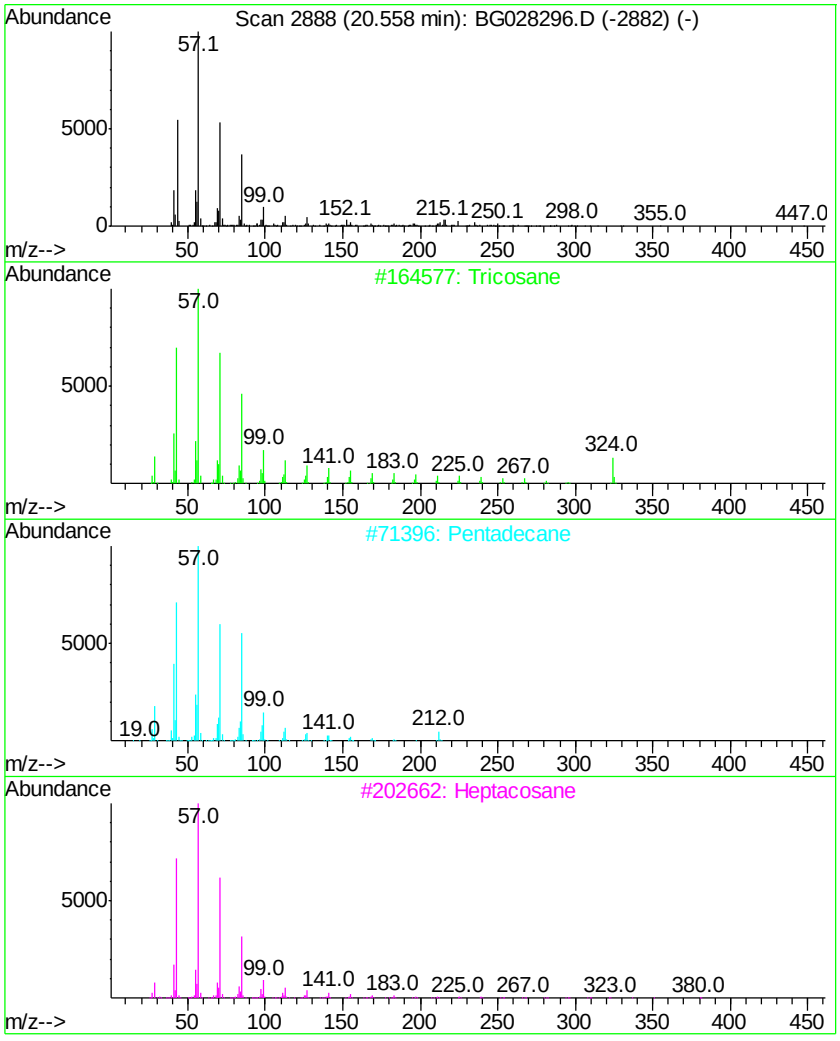
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

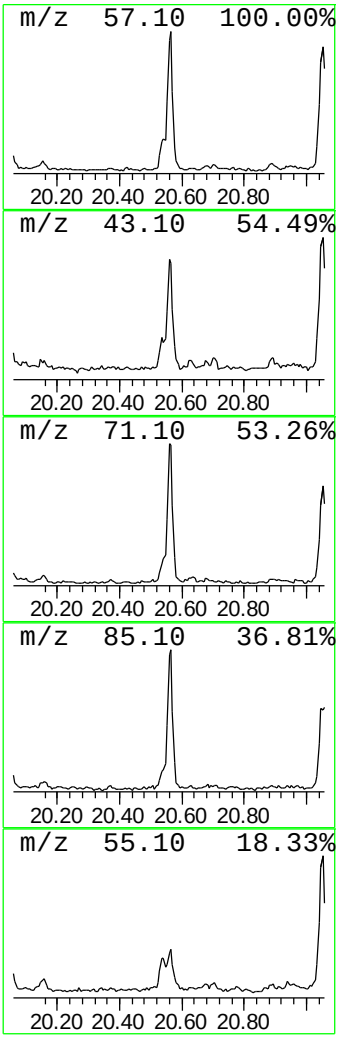
****

Peak Number 54 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.56	12.45 ng/ul	669475	Chrysene-d12	22.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosane	324	C23H48	000638-67-5	81
2	Pentadecane	212	C15H32	000629-62-9	74
3	Heptacosane	380	C27H56	000593-49-7	74
4	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	74
5	Tetradecane, 3-methyl-	212	C15H32	018435-22-8	72





Data Path : Z:\HPCHEM1\BNA G\Data\BG081117\
Data File : BG028296.D
Acq On : 11 Aug 2017 18:57
Operator : SJ/JU
Sample : I4557-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

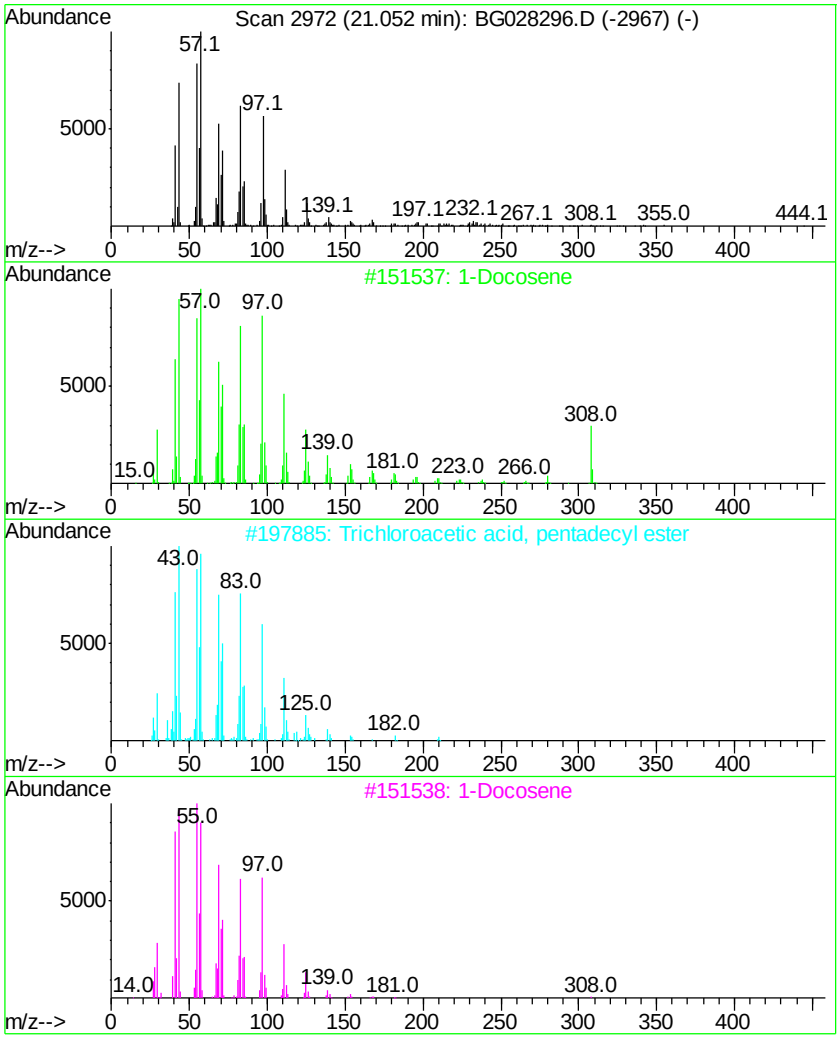
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

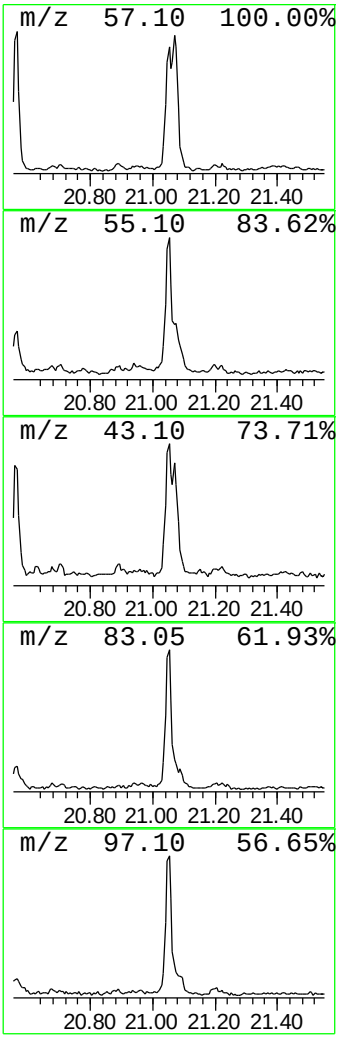
****

Peak Number 55 (DEL) Alkane: Cyclic21.05 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.05	26.95 ng/ul	1449190	Chrysene-d12	22.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	99
2	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	94
3	1-Docosene	308	C22H44	001599-67-3	94
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
5	Behenic alcohol	326	C22H46O	000661-19-8	91





Data Path : Z:\HPCHEM1\BNA G\Data\BG081117\
Data File : BG028296.D
Acq On : 11 Aug 2017 18:57
Operator : SJ/JU
Sample : I4557-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

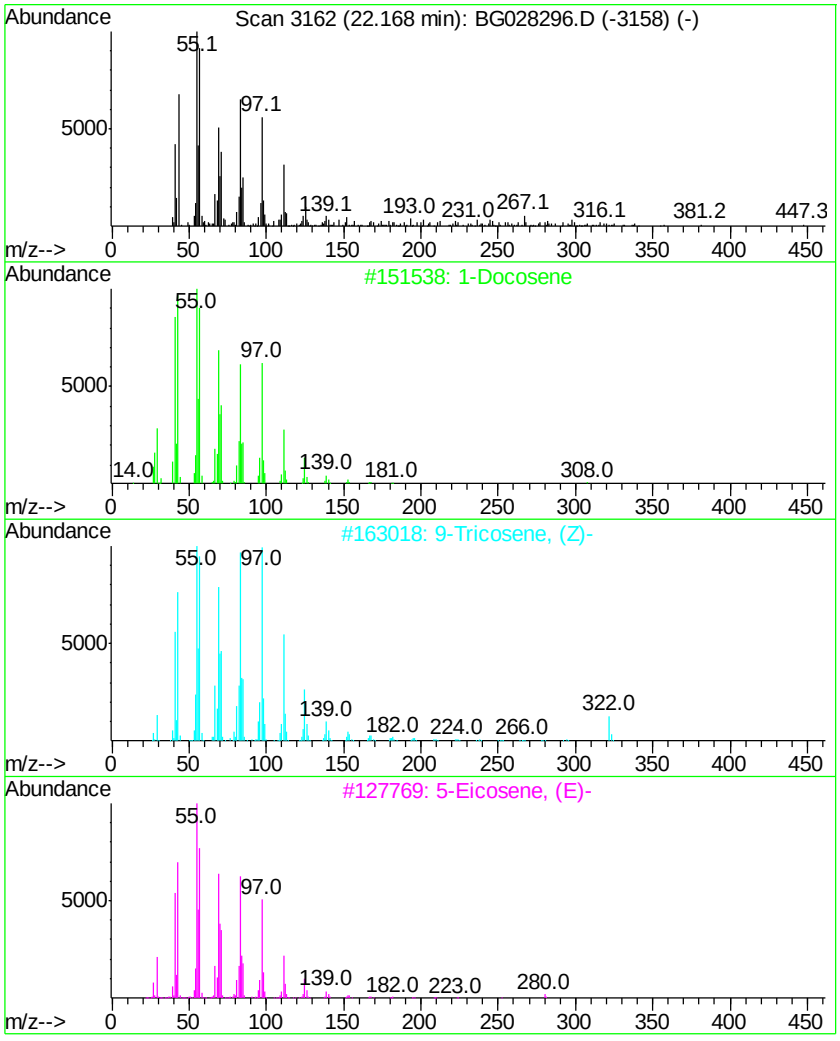
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

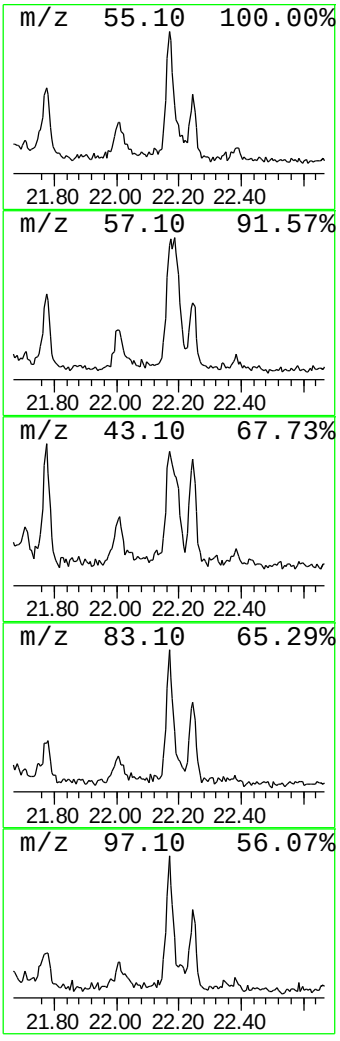
****

Peak Number 58 (DEL) Alkane: Cyclic22.17 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.17	8.18 ng/ul	439833	Chrysene-d12	22.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	99
2	9-Tricosene, (Z)-	322	C23H46	027519-02-4	98
3	5-Eicosene, (E)-	280	C20H40	074685-30-6	94
4	Cycloeicosane	280	C20H40	000296-56-0	94
5	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	91





Data Path : Z:\HPCHEM1\BNA G\Data\BG081117\
Data File : BG028296.D
Acq On : 11 Aug 2017 18:57
Operator : SJ/JU
Sample : I4557-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

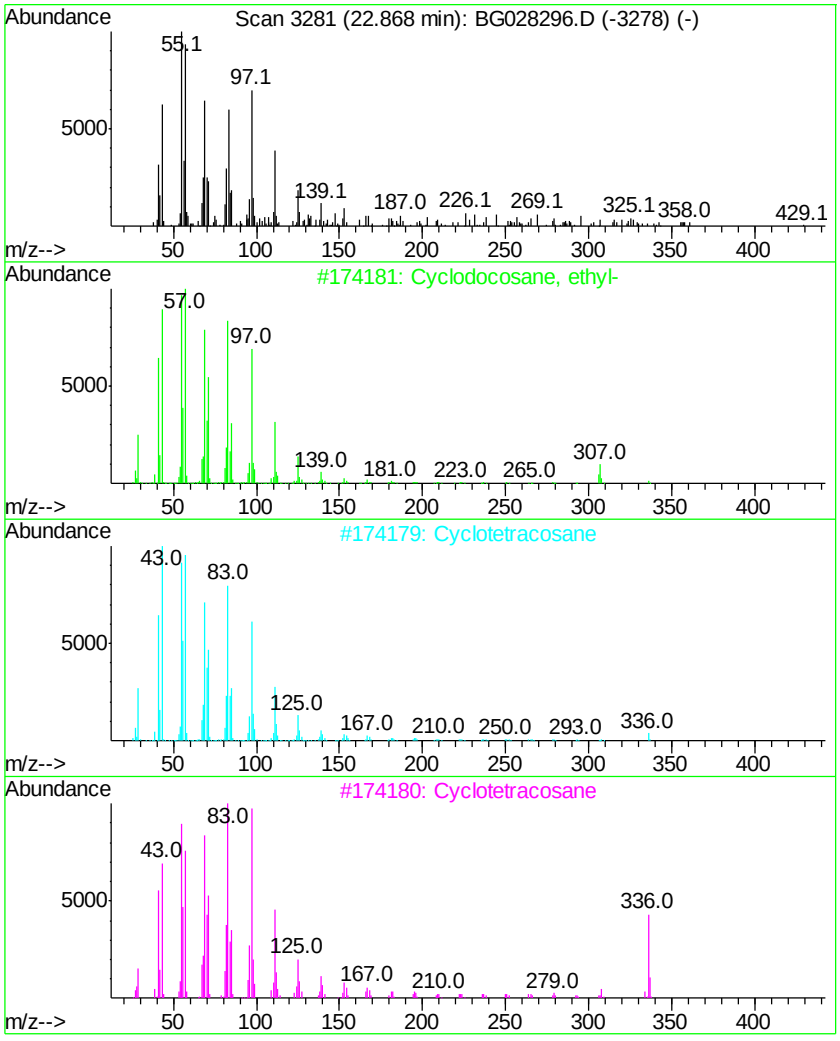
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

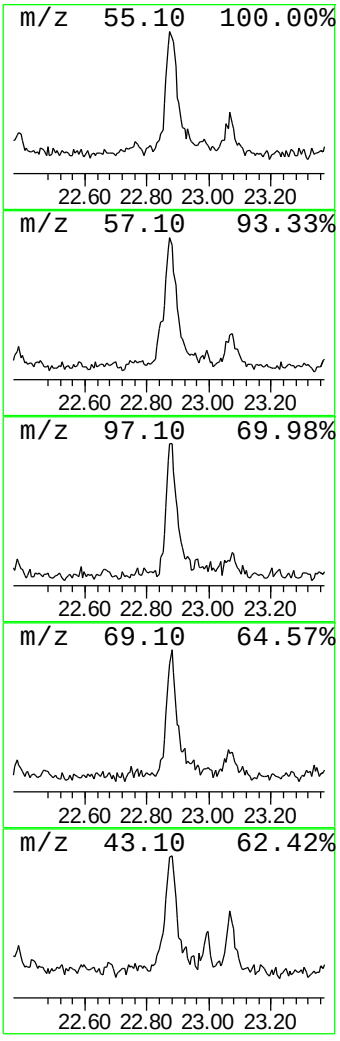
****

Peak Number 60 (DEL) Alkane: Cyclic22.87 Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.87	4.40 ng/ul	236619	Chrysene-d12	22.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclodocosane, ethyl-	336	C24H48	1000151-22-6	94
2	Cyclotetracosane	336	C24H48	000297-03-0	93
3	Cyclotetracosane	336	C24H48	000297-03-0	93
4	1-Pentadecanethiol	244	C15H32S	025276-70-4	91
5	1-Eicosanol	298	C20H42O	000629-96-9	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\Data\BG081117\
Data File : BG028296.D
Acq On : 11 Aug 2017 18:57
Operator : SJ/JU
Sample : I4557-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.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
3-Phenyl-2-propyn...	9.83	4.5	ng/ul	110273	2	11.18	485442	20.0
2-Propenal, 3-phe...	9.90	5.5	ng/ul	132569	2	11.18	485442	20.0
Tetracyclo[5.3.0....	10.58	7.6	ng/ul	183780	2	11.18	485442	20.0
1-Iodo-2-methylun...	11.10	3.9	ng/ul	95010	2	11.18	485442	20.0
2-Thiophenecarbox...	11.40	10.8	ng/ul	261063	2	11.18	485442	20.0
1H-Benzimidazole,...	11.53	6.6	ng/ul	160354	2	11.18	485442	20.0
Hydrazine, 1-ethy...	11.97	6.3	ng/ul	152696	2	11.18	485442	20.0
1H-Indene, 2,3-di...	12.37	4.8	ng/ul	117078	2	11.18	485442	20.0
(DEL) Alkane: Str...	12.53	7.8	ng/ul	190242	2	11.18	485442	20.0
unknown-01	12.69	6.9	ng/ul	167485	2	11.18	485442	20.0
Naphthalene, 1-me...	13.02	10.7	ng/ul	258788	2	11.18	485442	20.0
2,5,6-Trimethylbe...	13.11	4.9	ng/ul	202955	3	14.96	825154	20.0
1(2H)-Naphthaleno...	13.14	4.8	ng/ul	198976	3	14.96	825154	20.0
unknown-02	13.37	3.0	ng/ul	124326	3	14.96	825154	20.0
unknown-03	13.67	5.8	ng/ul	238460	3	14.96	825154	20.0
Naphthalene, 1,2,...	13.93	4.9	ng/ul	203548	3	14.96	825154	20.0
Naphthalene, 2-et...	13.99	5.0	ng/ul	208253	3	14.96	825154	20.0
Naphthalene, 1,7-...	14.11	5.6	ng/ul	230968	3	14.96	825154	20.0
Naphthalene, 2,3-...	14.28	8.5	ng/ul	351434	3	14.96	825154	20.0
Naphthalene, 1,2-...	14.52	5.2	ng/ul	213409	3	14.96	825154	20.0
(DEL) Alkane: Cyc...	14.74	2.4	ng/ul	98890	3	14.96	825154	20.0
(DEL) Alkane: Str...	14.81	6.9	ng/ul	283530	3	14.96	825154	20.0
unknown-04	15.08	2.2	ng/ul	91545	3	14.96	825154	20.0
unknown-05	15.24	2.6	ng/ul	108635	3	14.96	825154	20.0
Naphthalene, 1,6,...	15.42	4.2	ng/ul	174427	3	14.96	825154	20.0
4,6,8-Trimethylaz...	15.62	4.9	ng/ul	200501	3	14.96	825154	20.0
(DEL) Alkane: Str...	15.76	7.6	ng/ul	313382	3	14.96	825154	20.0
unknown-06	15.88	2.4	ng/ul	100205	3	14.96	825154	20.0
1-Naphthalenol, 4...	16.20	2.8	ng/ul	117310	3	14.96	825154	20.0
7-Methyl-1-naphthol	16.38	3.4	ng/ul	134114	4	17.71	797016	20.0
(DEL) Alkane: Cyc...	16.56	5.2	ng/ul	205636	4	17.71	797016	20.0
(DEL) Alkane: Str...	16.62	9.5	ng/ul	380294	4	17.71	797016	20.0
[1,1'-Biphenyl]-4...	16.72	3.2	ng/ul	127236	4	17.71	797016	20.0
9H-Fluorene, 2-me...	17.00	10.4	ng/ul	414805	4	17.71	797016	20.0
9H-Fluorene, 1-me...	17.06	4.6	ng/ul	184056	4	17.71	797016	20.0
9H-Fluorene, 3-me...	17.16	3.4	ng/ul	133999	4	17.71	797016	20.0
(DEL) Alkane: Cyc...	17.37	2.9	ng/ul	115998	4	17.71	797016	20.0
(DEL) Alkane: Str...	17.42	13.1	ng/ul	523478	4	17.71	797016	20.0
(DEL) Alkane: Cyc...	18.11	3.6	ng/ul	144999	4	17.71	797016	20.0
(DEL) Alkane: Str...	18.16	12.9	ng/ul	513438	4	17.71	797016	20.0
(DEL) Alkane: Cyc...	18.81	3.0	ng/ul	118205	4	17.71	797016	20.0
(DEL) Alkane: Str...	18.84	8.5	ng/ul	339633	4	17.71	797016	20.0
(DEL) Alkane: Cyc...	19.43	2.9	ng/ul	116220	4	17.71	797016	20.0
(DEL) Alkane: Str...	19.47	15.4	ng/ul	615727	4	17.71	797016	20.0
(DEL) Alkane: Cyc...	20.01	15.9	ng/ul	854590	5	22.04	1075460	20.0
(DEL) Alkane: Str...	20.56	12.4	ng/ul	669475	5	22.04	1075460	20.0
(DEL) Alkane: Cyc...	21.05	26.9	ng/ul	1449190	5	22.04	1075460	20.0
(DEL) Alkane: Cyc...	22.17	8.2	ng/ul	439833	5	22.04	1075460	20.0
(DEL) Alkane: Cyc...	22.87	4.4	ng/ul	236619	5	22.04	1075460	20.0