LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070319\
Data File : BG041606.D
Acq On : 4 Jul 2019 1:30
Operator : HP/JU
Sample : K3649-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D-1-ROLL-OFF-SOCK-PILE

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG062619.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.570	417	422	430	rBV	80488	141560	22.64%	1.544%
2	7.191	692	698	707	rBV	89984	168037	26.87%	1.833%
3	7.556	753	760	768	rBV	94664	179843	28.76%	1.962%
4	8.032	834	841	852	rVB	122124	228791	36.58%	2.496%
5	8.349	889	895	904	rBV	80523	143059	22.88%	1.561%
6	8.649	942	946	952	rVB7	6084	12668	2.03%	0.138%
7	9.124	1024	1027	1033	rVB5	5556	9801	1.57%	0.107%
8	9.213	1036	1042	1057	rVB2	65030	139900	22.37%	1.526%
9	9.712	1122	1127	1130	rBV2	6590	13216	2.11%	0.144%
10	9.736	1130	1131	1138	rVB5	7130	11088	1.77%	0.121%
11	10.006	1172	1177	1180	rBV3	5698	9526	1.52%	0.104%
12	10.229	1210	1215	1220	rBV5	9523	15438	2.47%	0.168%
13	10.399	1237	1244	1251	rVV7	3922	10116	1.62%	0.110%
14	10.470	1251	1256	1260	rVV3	8403	12687	2.03%	0.138%
15	10.775	1300	1308	1312	rBV3	23563	45341	7.25%	0.495%
16	10.852	1315	1321	1333	rVV	148278	294750	47.13%	3.215%
17	10.958	1333	1339	1344	rVB5	16428	29326	4.69%	0.320%
18	11.240	1382	1387	1393	rBV6	7303	11965	1.91%	0.131%
19	11.304	1393	1398	1404	rVB5	10078	21058	3.37%	0.230%
20	11.428	1413	1419	1425	rBV5	6086	12089	1.93%	0.132%
21	11.516	1427	1434	1439	rBV7	9567	23412	3.74%	0.255%
22	11.745	1472	1473	1479	rVB4	9288	14850	2.37%	0.162%
23	11.815	1479	1485	1491	rBV6	16786	32454	5.19%	0.354%
24	11.874	1491	1495	1500	rVV4	6022	9808	1.57%	0.107%
25	12.033	1515	1522	1527	rBV2	26788	49664	7.94%	0.542%
26	12.221	1548	1554	1561	rBV3	48274	82204	13.14%	0.897%
27	12.385	1578	1582	1586	rVV4	11953	17678	2.83%	0.193%
28	12.438	1589	1591	1598	rVB6	6768	12142	1.94%	0.132%
29	12.509	1598	1603	1608	rBV6	7287	11282	1.80%	0.123%
30	12.744	1637	1643	1647	rVV6	30830	52213	8.35%	0.570%
31	12.850	1658	1661	1665	rVB5	11543	16414	2.62%	0.179%
32	12.955	1676	1679	1682	rVB4	7227	9530	1.52%	0.104%
33	12.996	1682	1686	1688	rBV3	11551	15558	2.49%	0.170%
34	13.026	1688	1691	1694	rVV4	6685	9283	1.48%	0.101%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070319\
Data File : BG041606.D
Acq On : 4 Jul 2019 1:30
Operator : HP/JU
Sample : K3649-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D-1-ROLL-OFF-SOCK-PILE

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG062619.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.114	1702	1706	1709	rBV3	7636	9681	1.55%	0.106%
36	13.161	1709	1714	1718	rVB4	24146	33338	5.33%	0.364%
37	13.214	1718	1723	1727	rBV5	9846	14583	2.33%	0.159%
38	13.290	1731	1736	1744	rBV	161926	260091	41.59%	2.837%
39	13.361	1744	1748	1753	rVB7	10783	19526	3.12%	0.213%
40	13.455	1756	1764	1770	rBV	85494	134337	21.48%	1.465%
41	13.607	1784	1790	1795	rVB7	24580	42863	6.85%	0.468%
42	13.848	1823	1831	1836	rBV9	13878	32722	5.23%	0.357%
43	13.942	1840	1847	1849	rBV7	13058	26739	4.28%	0.292%
44	13.983	1849	1854	1858	rVV7	18960	42505	6.80%	0.464%
45	14.030	1858	1862	1867	rVV6	16992	37996	6.08%	0.415%
46	14.089	1867	1872	1873	rVV5	26504	40078	6.41%	0.437%
47	14.113	1873	1876	1880	rVV4	51961	81089	12.97%	0.885%
48	14.166	1880	1885	1891	rVV7	21700	49730	7.95%	0.543%
49	14.230	1891	1896	1903	rVV8	27083	45649	7.30%	0.498%
50	14.312	1908	1910	1914	rVB5	10466	9780	1.56%	0.107%
51	14.395	1919	1924	1927	rBV5	11288	21342	3.41%	0.233%
52	14.483	1933	1939	1941	rBV6	12123	20216	3.23%	0.221%
53	14.524	1941	1946	1952	rBV	134045	183648	29.37%	2.003%
54	14.600	1954	1959	1961	rBV5	13659	21226	3.39%	0.232%
55	14.677	1963	1972	1978	rVB2	239995	392337	62.73%	4.280%
56	14.794	1985	1992	1996	rVB9	14475	34946	5.59%	0.381%
57	14.871	2000	2005	2009	rBV7	16478	28118	4.50%	0.307%
58	14.971	2016	2022	2026	rBV8	17112	40736	6.51%	0.444%
59	15.018	2026	2030	2034	rVV6	27980	41561	6.65%	0.453%
60	15.082	2034	2041	2045	rVB9	20321	46240	7.39%	0.504%
61	15.135	2046	2050	2058	rBV6	41518	77591	12.41%	0.846%
62	15.211	2058	2063	2067	rVB5	20262	35533	5.68%	0.388%
63	15.282	2069	2075	2081	rBV9	22233	64883	10.37%	0.708%
64	15.364	2087	2089	2096	rVB7	12932	20553	3.29%	0.224%
65	15.476	2098	2108	2112	rBV	175894	251535	40.22%	2.744%
66	15.529	2113	2117	2122	rVB6	14055	23336	3.73%	0.255%
67	15.582	2122	2126	2131	rBV8	11340	18711	2.99%	0.204%
68	15.752	2151	2155	2156	rBV4	11319	13543	2.17%	0.148%
69	15.875	2168	2176	2180	rBV	75720	149207	23.86%	1.628%
70	15.916	2181	2183	2189	rVB7	16645	23939	3.83%	0.261%
71	15.975	2189	2193	2199	rBV5	22968	34263	5.48%	0.374%

LSC Area Percent Report

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Acq On : 4 Jul 2019 1:30
Operator : HP/JU
Sample : K3649-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D-1-ROLL-OFF-SOCK-PILE

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG062619.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	16.028	2199	2202	2205	rBV5	19871	27460	4.39%	0.300%
73	16.099	2210	2214	2220	rVB6	29557	42762	6.84%	0.466%
74	16.169	2220	2226	2232	rBV	134990	241178	38.56%	2.631%
75	16.275	2241	2244	2246	rBV4	6628	9250	1.48%	0.101%
76	16.334	2249	2254	2263	rBV	199465	423468	67.71%	4.620%
77	16.469	2275	2277	2279	rBV3	10991	10444	1.67%	0.114%
78	16.674	2309	2312	2316	rBV6	21207	32592	5.21%	0.356%
79	16.733	2320	2322	2327	rVB5	18813	25383	4.06%	0.277%
80	16.845	2338	2341	2344	rBV4	21596	25883	4.14%	0.282%
81	16.909	2347	2352	2356	rBV6	22933	47945	7.67%	0.523%
82	17.127	2385	2389	2393	rBV	181781	215498	34.46%	2.351%
83	17.174	2393	2397	2402	rVV	86183	122998	19.67%	1.342%
84	17.426	2434	2440	2450	rBV2	345833	558765	89.35%	6.096%
85	17.556	2460	2462	2467	rVB6	12496	15328	2.45%	0.167%
86	17.609	2467	2471	2477	rBV9	20361	38966	6.23%	0.425%
87	17.667	2477	2481	2486	rBV8	24130	48679	7.78%	0.531%
88	17.779	2498	2500	2504	rBV5	19131	21234	3.40%	0.232%
89	17.867	2511	2515	2523	rVB	180145	239958	38.37%	2.618%
90	18.049	2543	2546	2550	rVB2	39974	50234	8.03%	0.548%
91	18.560	2629	2633	2638	rVB	145132	175980	28.14%	1.920%
92	19.183	2735	2739	2742	rBV	276427	361398	57.79%	3.943%
93	19.218	2742	2745	2749	rVB	206048	251448	40.21%	2.743%
94	19.348	2764	2767	2771	rBV3	31888	34300	5.48%	0.374%
95	19.759	2834	2837	2841	rVB	86470	101904	16.29%	1.112%
96	20.023	2877	2882	2887	rVB	303684	385143	61.58%	4.202%
97	20.288	2924	2927	2931	rBV	74819	83714	13.39%	0.913%
98	20.781	3009	3011	3014	rVB	48405	45268	7.24%	0.494%
99	21.698	3161	3167	3173	rVB	385995	613200	98.05%	6.689%
100	24.982	3720	3726	3736	rVB2	224253	625393	100.00%	6.822%

Sum of corrected areas: 9166695

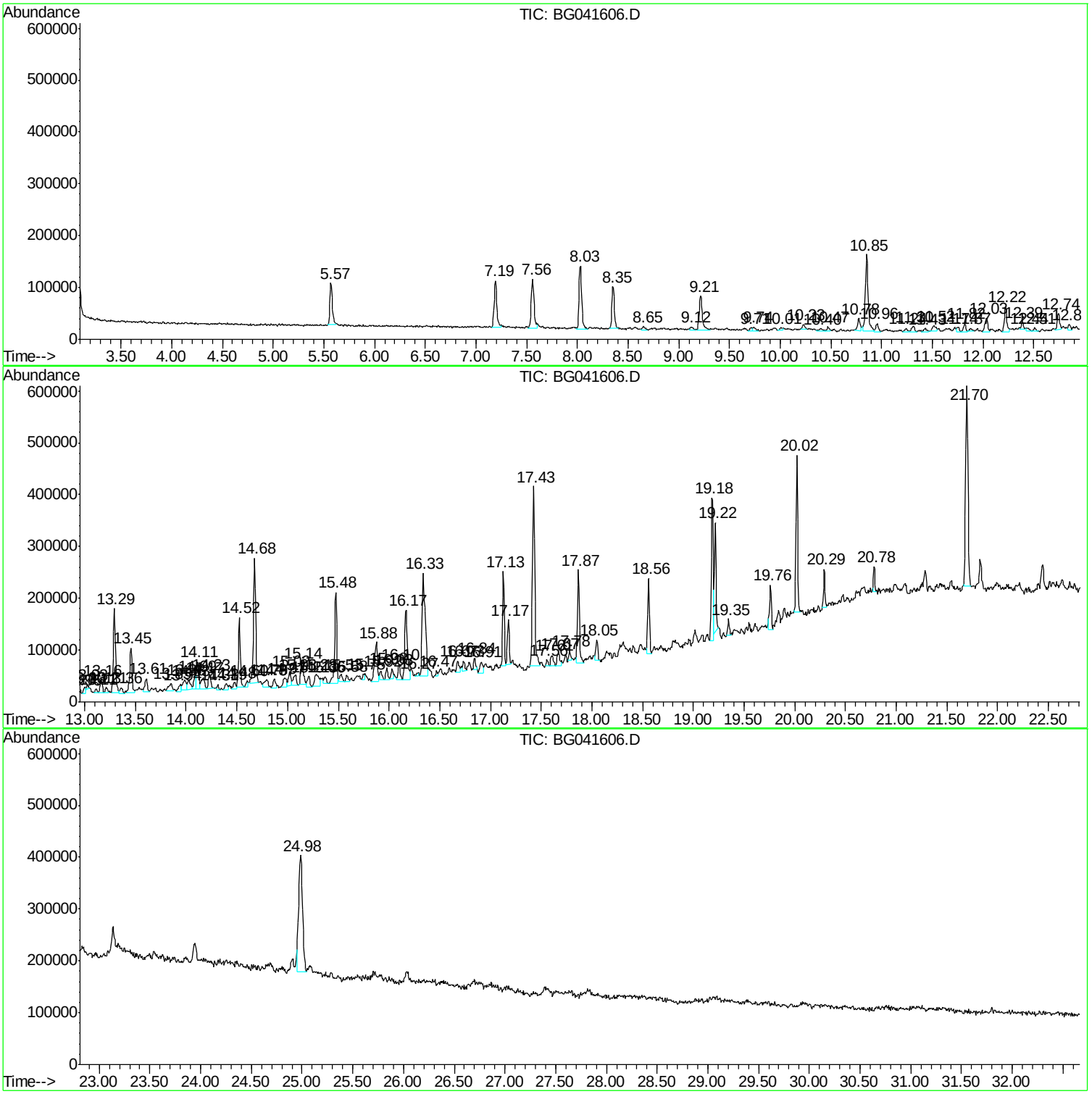
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070319\
Data File : BG041606.D
Acq On : 4 Jul 2019 1:30
Operator : HP/JU
Sample : K3649-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D-1-ROLL-OFF-SOCK-PILE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG062619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070319\
Data File : BG041606.D
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Sample : K3649-01 2X
Misc :
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Instrument : BNA_G
ClientSampleId : D-1-ROLL-OFF-SOCK-PILE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG062619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

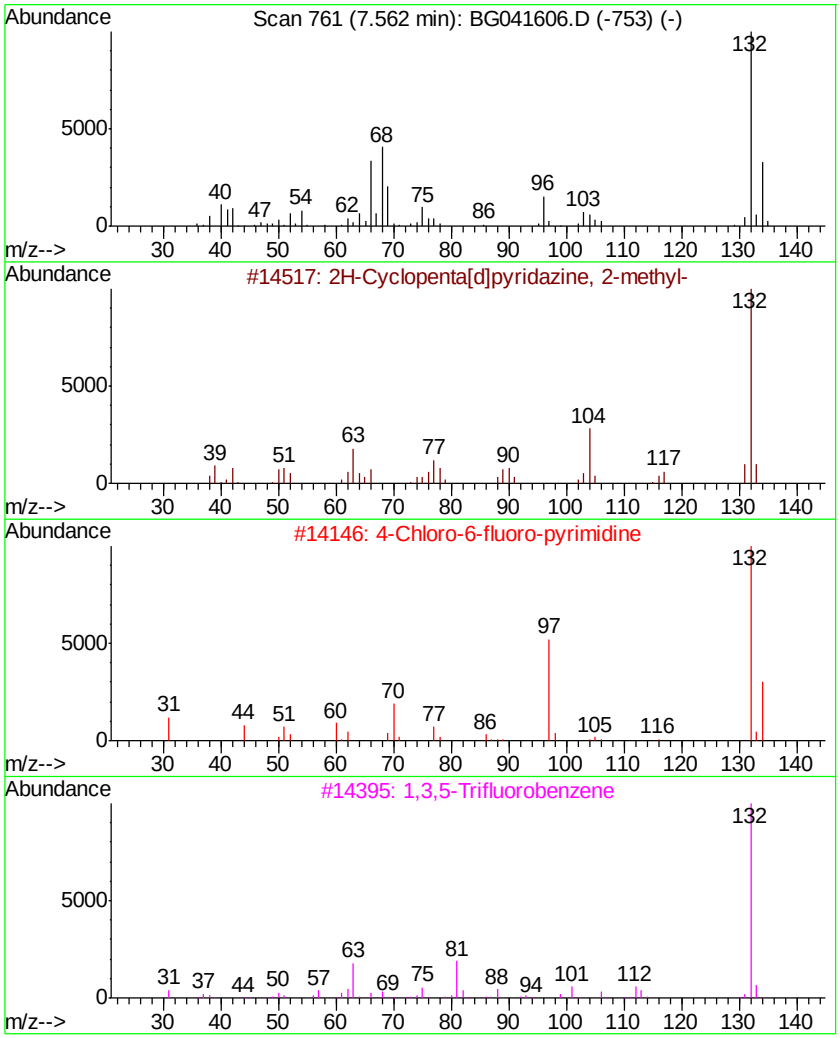
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

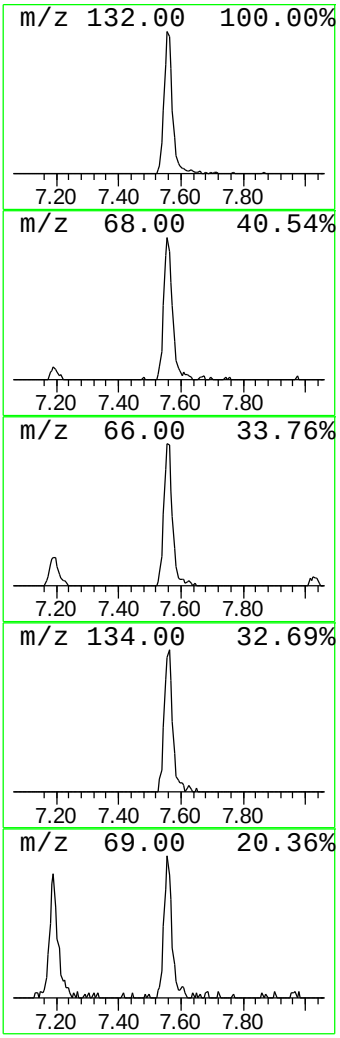
****

Peak Number 1 unknown7.56 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.56	15.72 ng	179843	1,4-Dichlorobenzene-d4	8.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	27
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	22
4	Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	22
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	16





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Instrument : BNA_G
ClientSampleId : D-1-ROLL-OFF-SOCK-PILE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG062619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

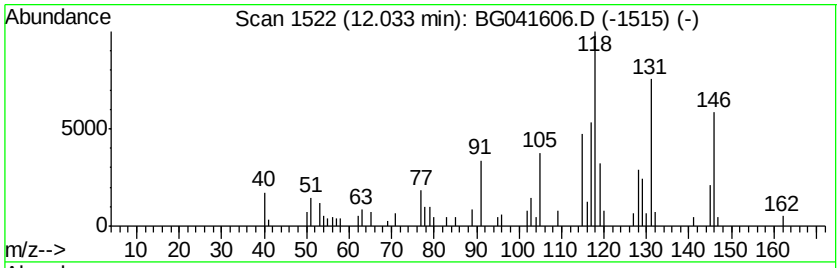
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

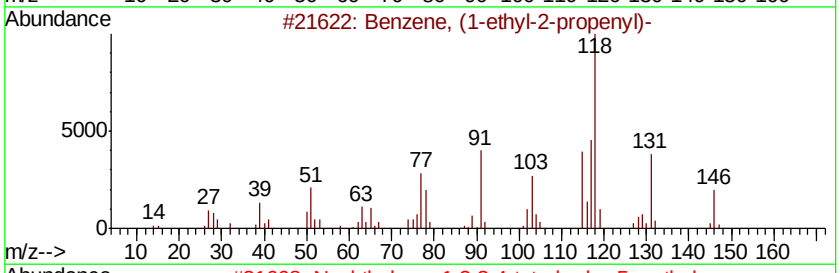
****

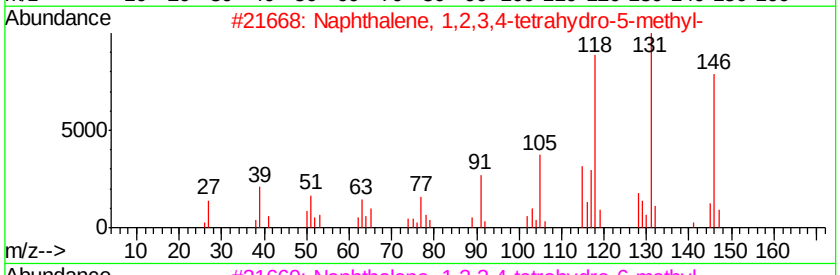
Peak Number 3 Benzene, (1-ethyl-2-propenyl)- Concentration Rank 18

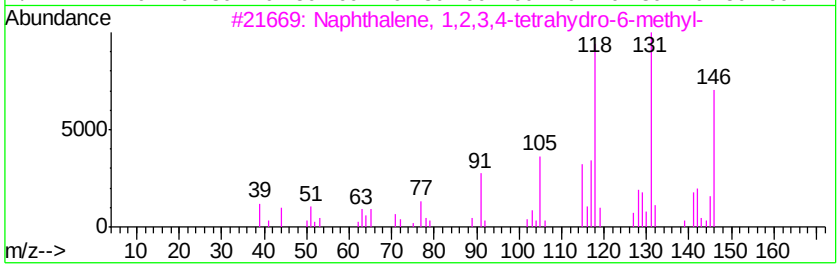
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.03	3.37 ng	49664	Naphthalene-d8	10.85

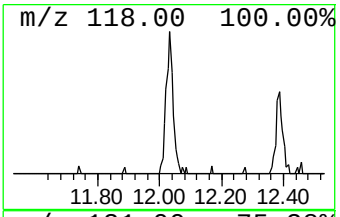
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	87
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	68
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	64
4	2-Propyn-1-ol, 3-(4-methylphenyl)-	146	C10H10O	016017-24-6	52
5	1H-1,3,2-Benzodiazaborole, 2-eth...	146	C8H11BN2	074663-81-3	52

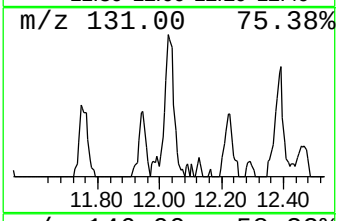


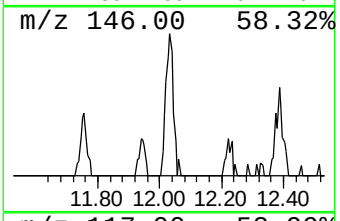


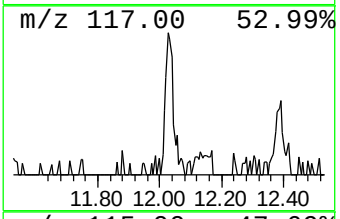


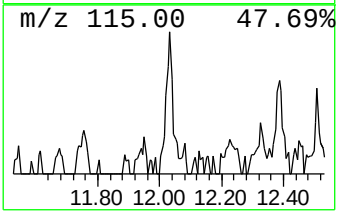












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Instrument : BNA_G
ClientSampleId : D-1-ROLL-OFF-SOCK-PILE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG062619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

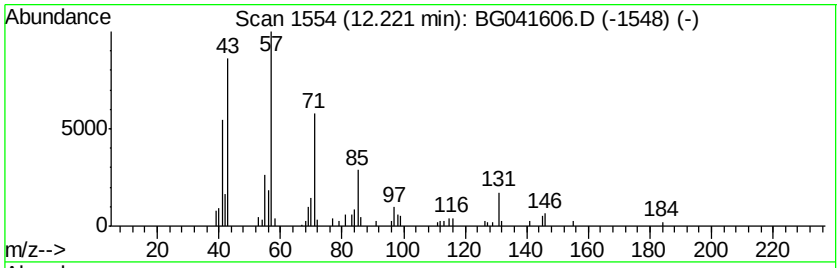
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

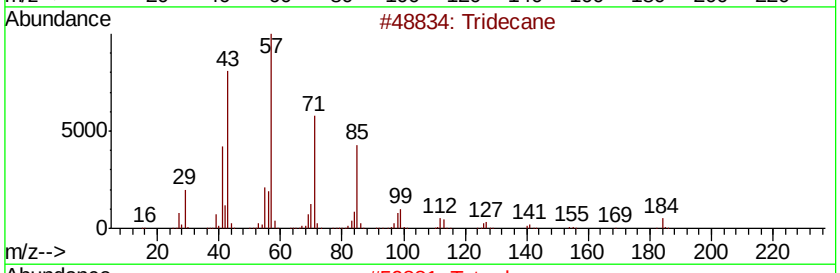
****

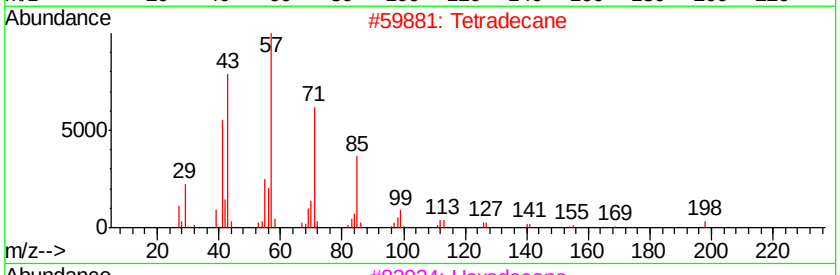
Peak Number 4 Tridecane Concentration Rank 13

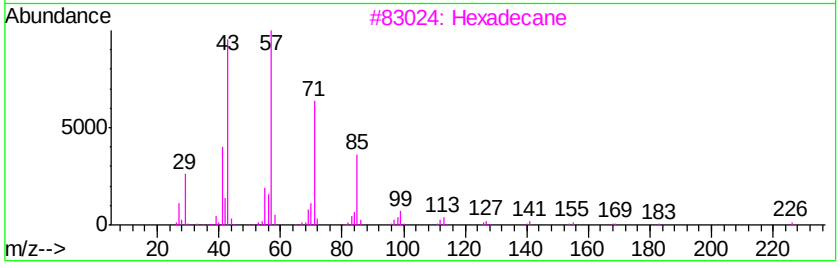
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.22	5.58 ng	82204	Naphthalene-d8	10.85

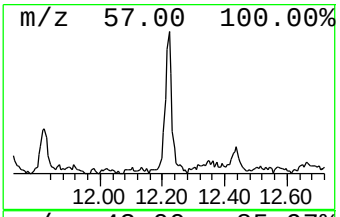
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	86
2	Tetradecane	198	C14H30	000629-59-4	58
3	Hexadecane	226	C16H34	000544-76-3	58
4	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	53
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	53

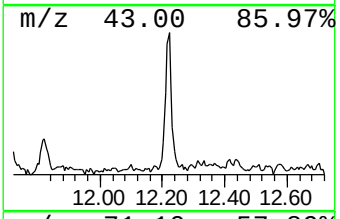


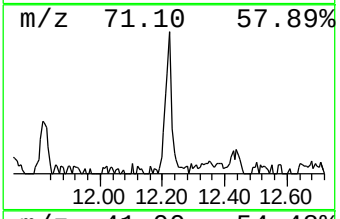


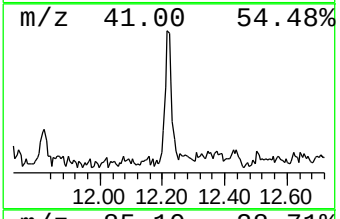


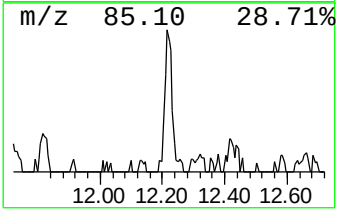












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Acq On : 4 Jul 2019 1:30
Operator : HP/JU
Sample : K3649-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D-1-ROLL-OFF-SOCK-PILE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG062619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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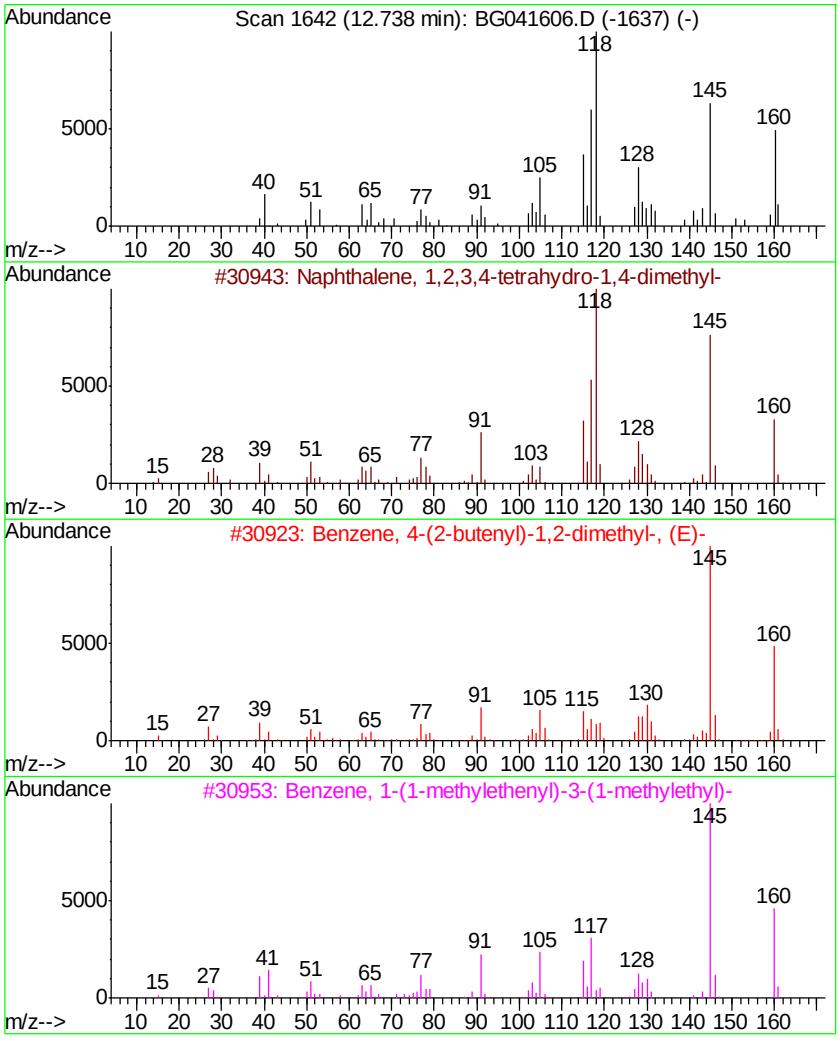
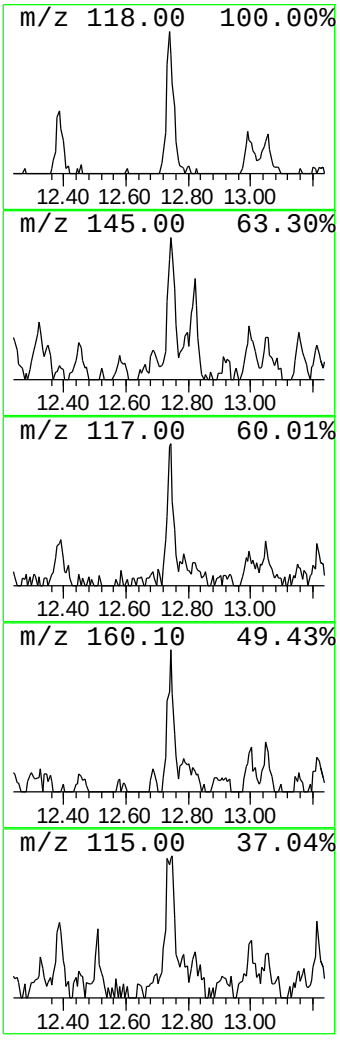
Peak Number 5 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.74	3.54 ng	52213	Naphthalene-d8	10.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	91
2	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	74
3	Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	64
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	58
5	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	55





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Sample : K3649-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D-1-ROLL-OFF-SOCK-PILE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG062619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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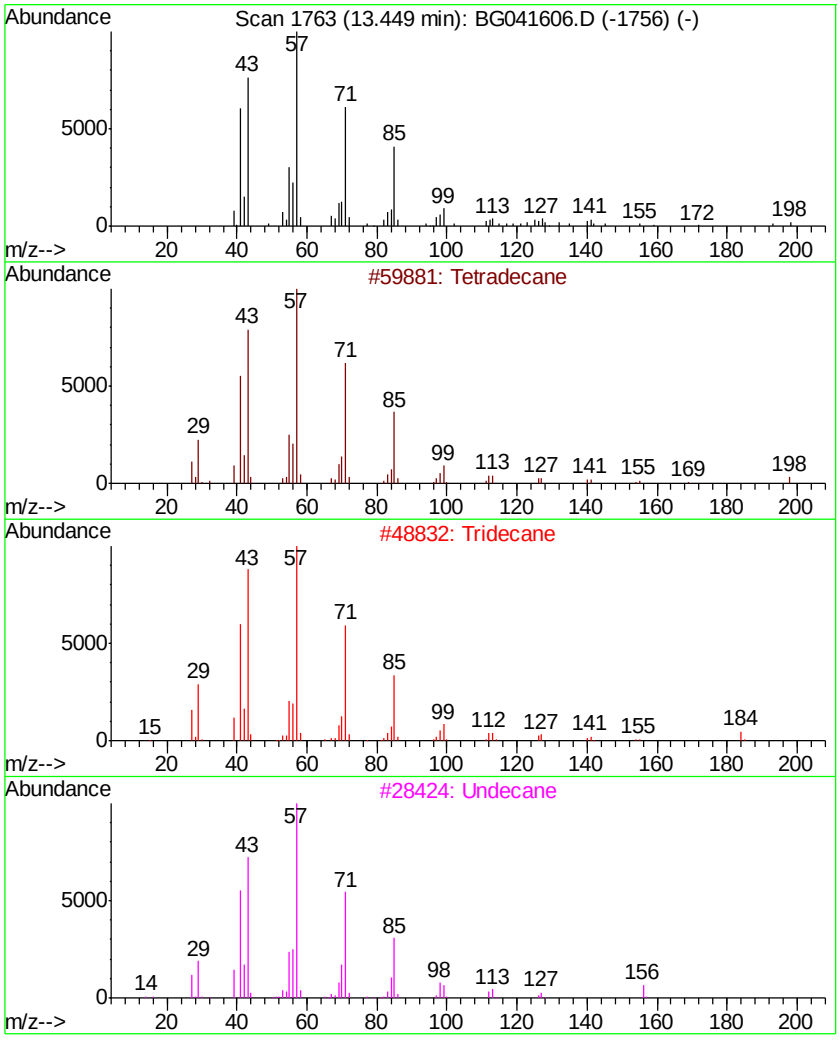
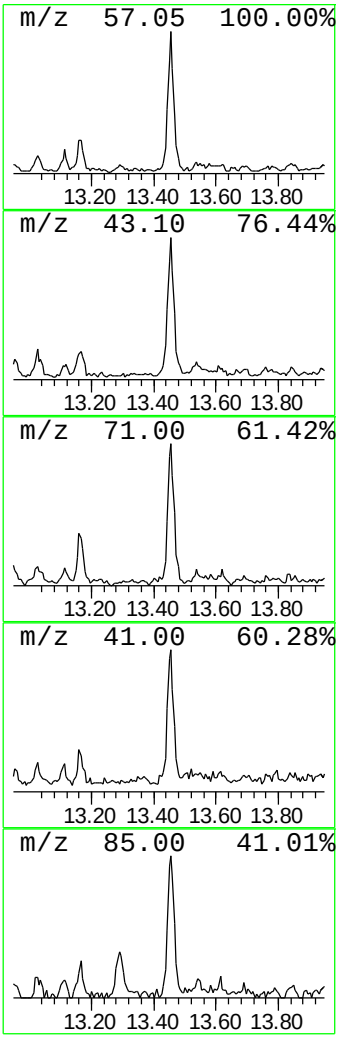
Peak Number 6 Tetradecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.45	6.85 ng	134337	Acenaphthene-d10	14.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	95
2	Tridecane	184	C13H28	000629-50-5	91
3	Undecane	156	C11H24	001120-21-4	83
4	Hexadecane	226	C16H34	000544-76-3	80
5	Dodecane	170	C12H26	000112-40-3	72





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Operator : HP/JU
Sample : K3649-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D-1-ROLL-OFF-SOCK-PILE

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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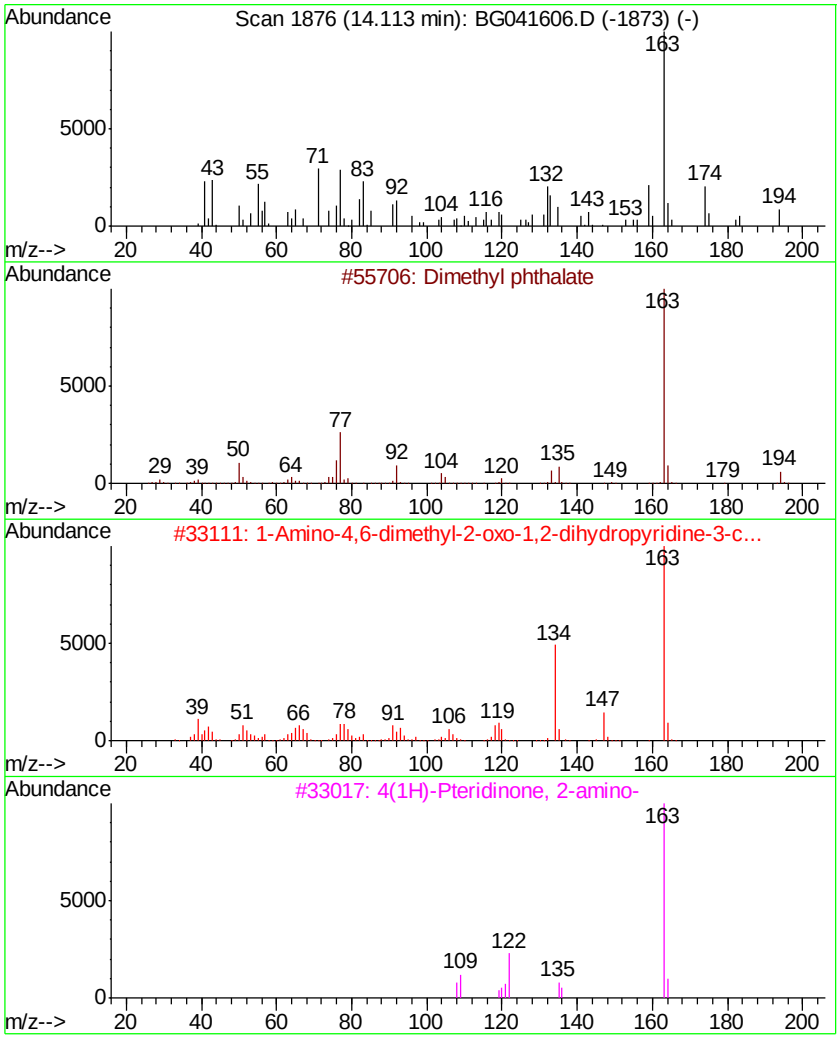
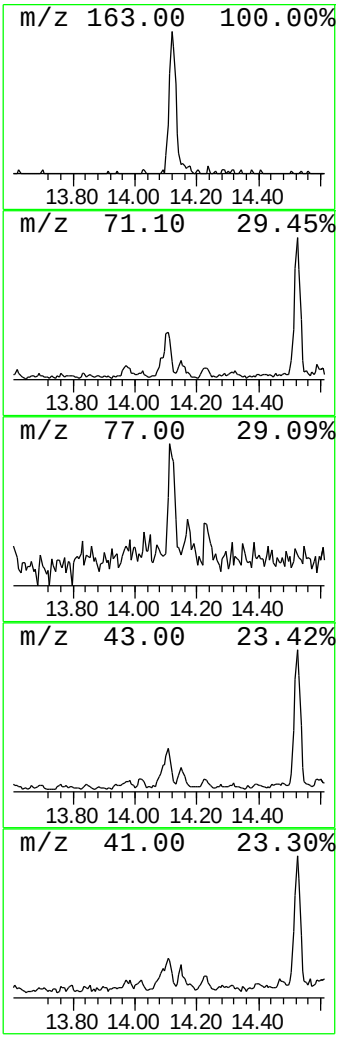
Peak Number 7 unknown14.11 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.11	4.13 ng	81089	Acenaphthene-d10	14.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dimethyl phthalate	194	C10H10O4	000131-11-3	60
2	1-Amino-4,6-dimethyl-2-oxo-1,2-d...	163	C8H9N3O	001562-12-5	43
3	4(1H)-Pteridinone, 2-amino-	163	C6H5N5O	002236-60-4	43
4	Benzofurazan, 5-(dimethylamino)-	163	C8H9N3O	006124-22-7	43
5	Methyl pentyl phthalate	250	C14H18O4	1000373-89-5	38





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Sample : K3649-01 2X
Misc :
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Instrument : BNA_G
ClientSampleId : D-1-ROLL-OFF-SOCK-PILE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG062619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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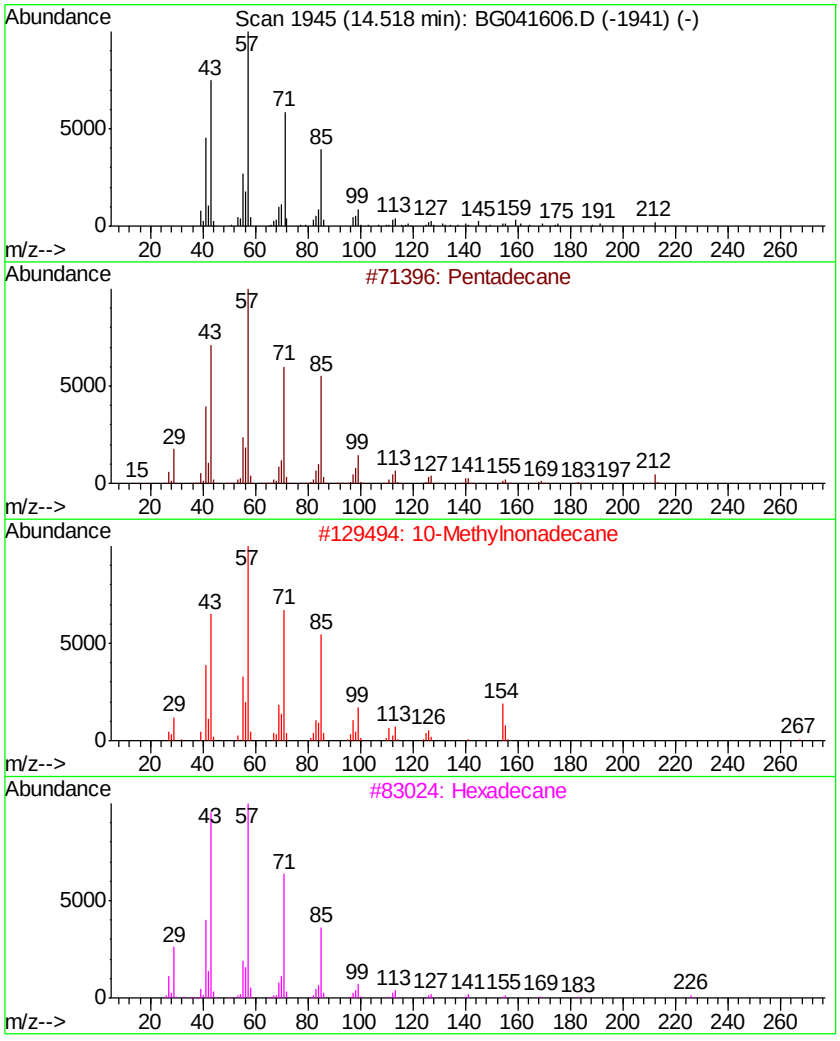
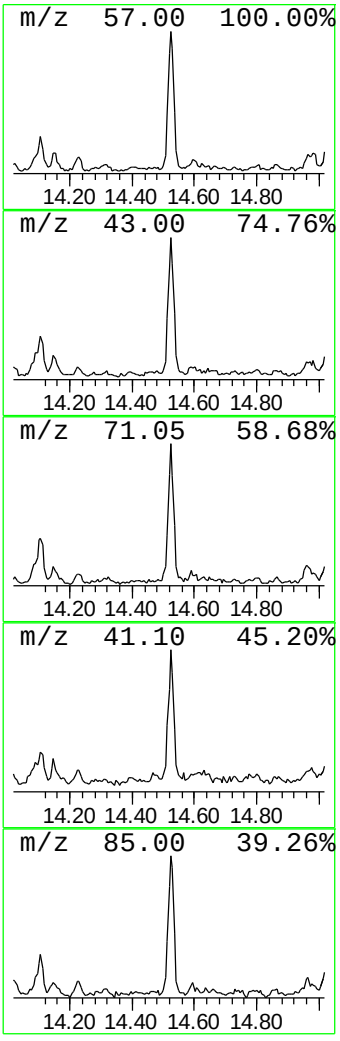
Peak Number 8 Pentadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.52	9.36 ng	183648	Acenaphthene-d10	14.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	95
2	10-Methylnonadecane	282	C20H42	056862-62-5	90
3	Hexadecane	226	C16H34	000544-76-3	87
4	Tridecane	184	C13H28	000629-50-5	86
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86





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Sample : K3649-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D-1-ROLL-OFF-SOCK-PILE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG062619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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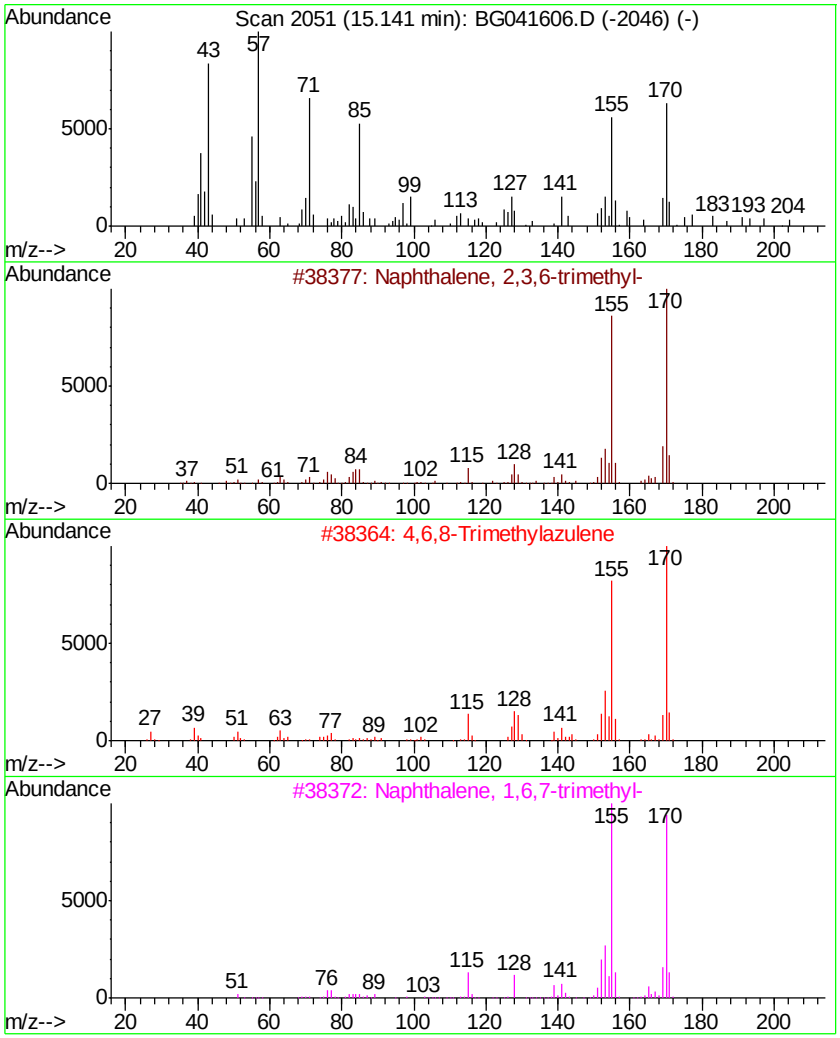
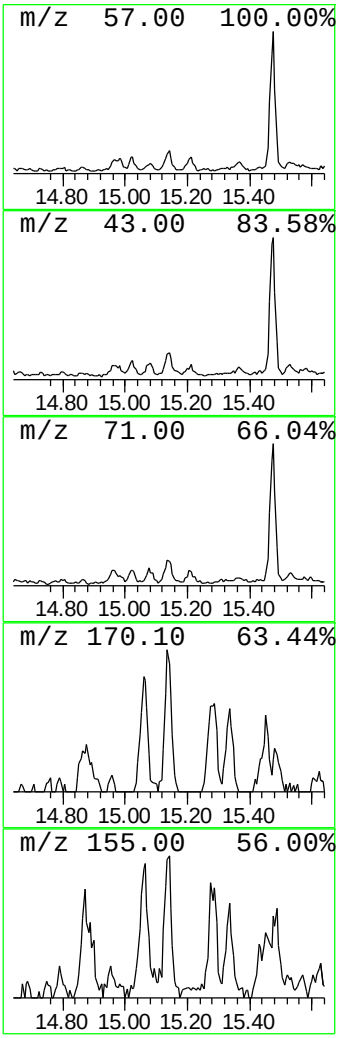
Peak Number 9 Naphthalene, 2,3,6-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.14	3.96 ng	77591	Acenaphthene-d10	14.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	58
2	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	55
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	55
4	Dodecane	170	C12H26	000112-40-3	49
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	45





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Sample : K3649-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D-1-ROLL-OFF-SOCK-PILE

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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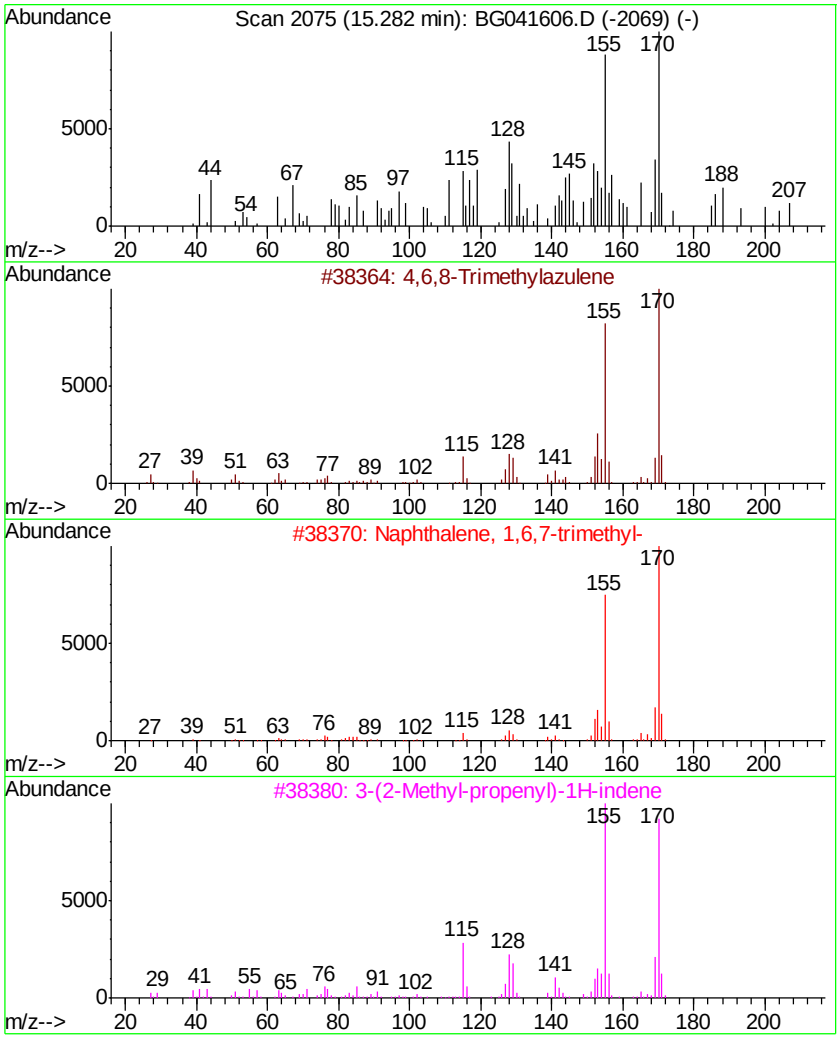
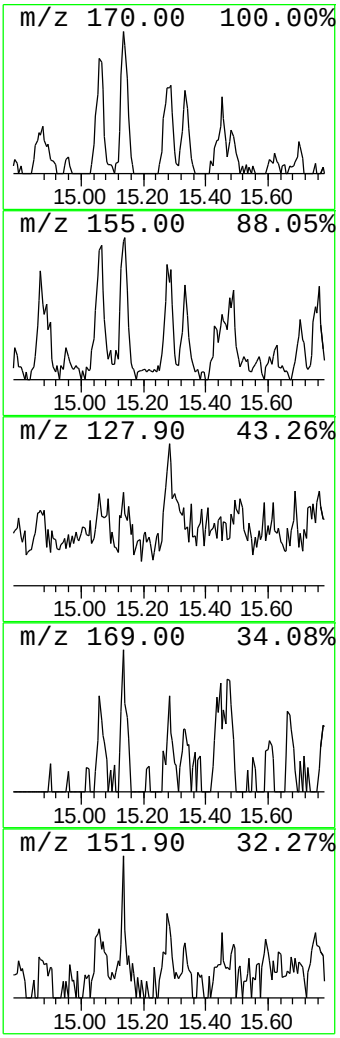
Peak Number 10 4,6,8-Trimethylazulene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.28	3.31 ng	64883	Acenaphthene-d10	14.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	64
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	62
3	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	52
4	Ethanone, 1-(5-chloro-2-hydroxyp...	170	C8H7ClO2	001450-74-4	47
5	Ethanone, 1-(1-Naphthalenyl)-	170	C12H10O	000941-98-0	46





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Operator : HP/JU
Sample : K3649-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D-1-ROLL-OFF-SOCK-PILE

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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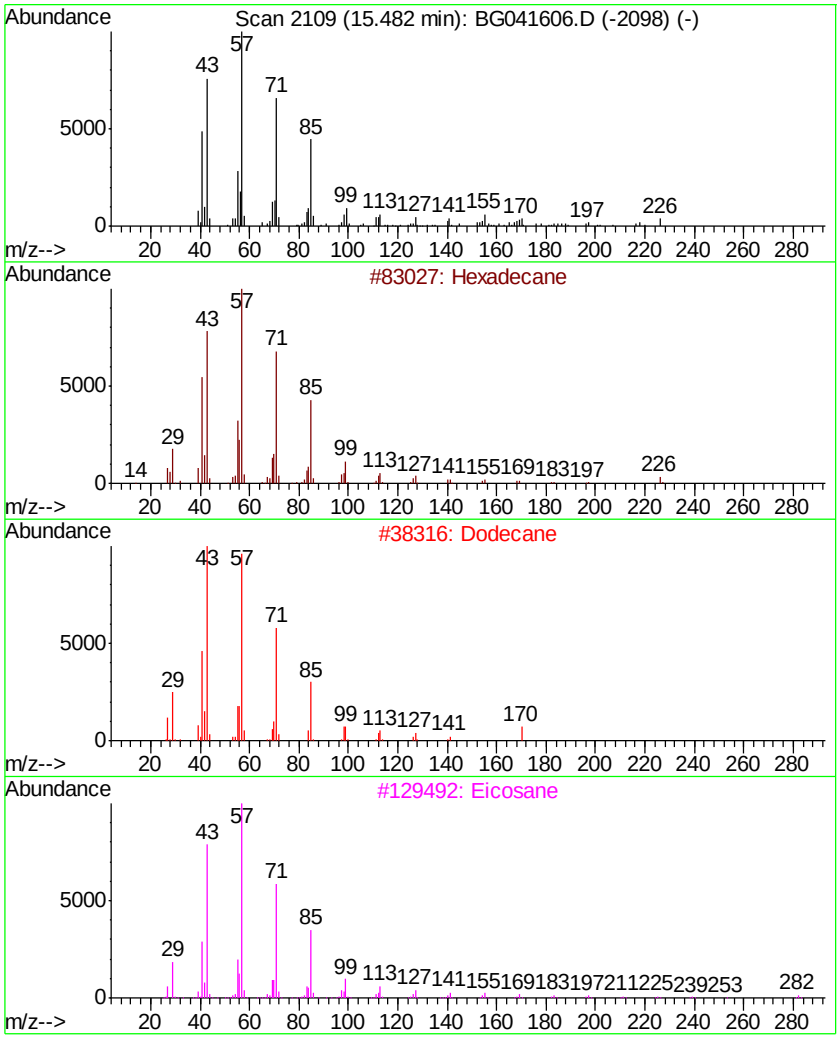
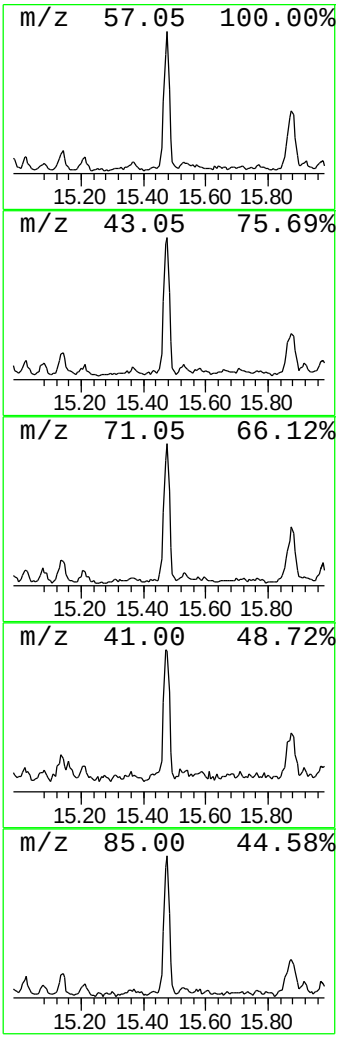
Peak Number 11 Hexadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.48	12.82 ng	251535	Acenaphthene-d10	14.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	98
2	Dodecane	170	C12H26	000112-40-3	87
3	Eicosane	282	C20H42	000112-95-8	87
4	Pentadecane	212	C15H32	000629-62-9	86
5	Tetradecane	198	C14H30	000629-59-4	86





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Sample : K3649-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D-1-ROLL-OFF-SOCK-PILE

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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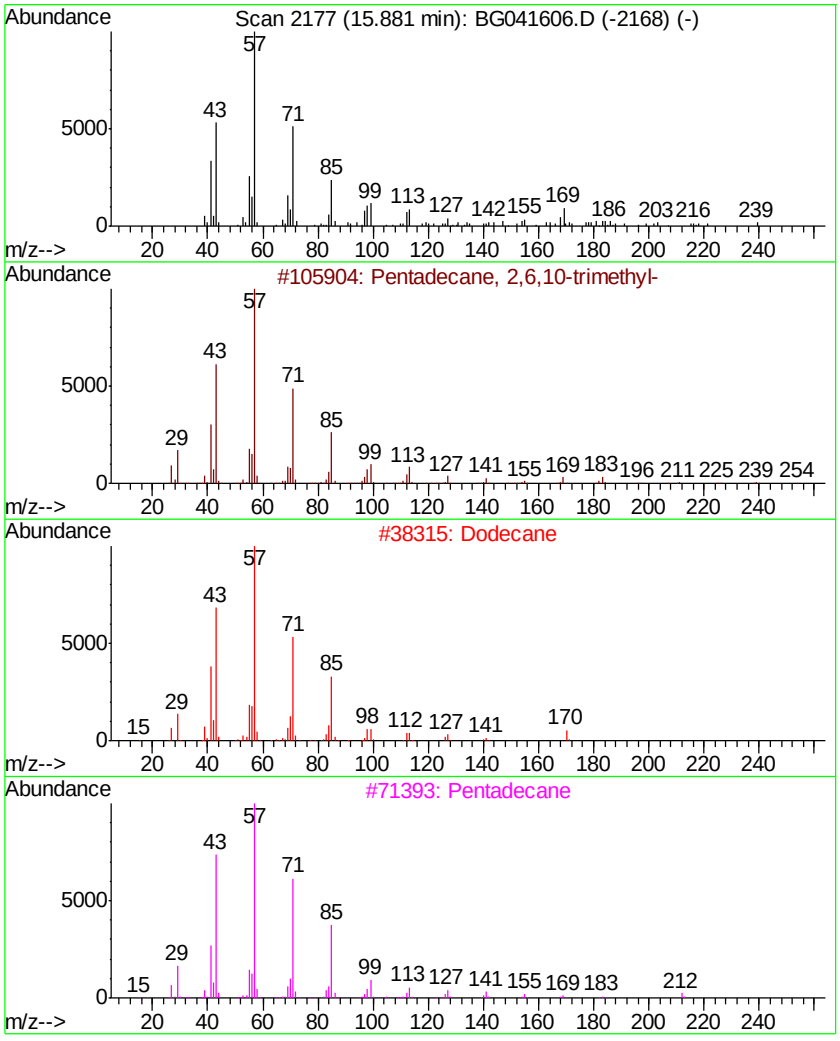
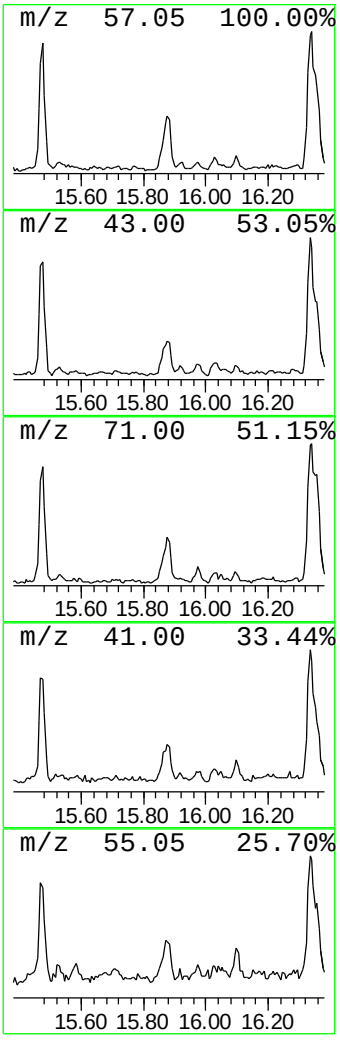
Peak Number 12 Pentadecane, 2,6,10-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.88	7.61 ng	149207	Acenaphthene-d10	14.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	86
2	Dodecane	170	C12H26	000112-40-3	76
3	Pentadecane	212	C15H32	000629-62-9	72
4	Eicosane	282	C20H42	000112-95-8	72
5	Heptacosane	380	C27H56	000593-49-7	72





Library Search Compound Report

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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D-1-ROLL-OFF-SOCK-PILE

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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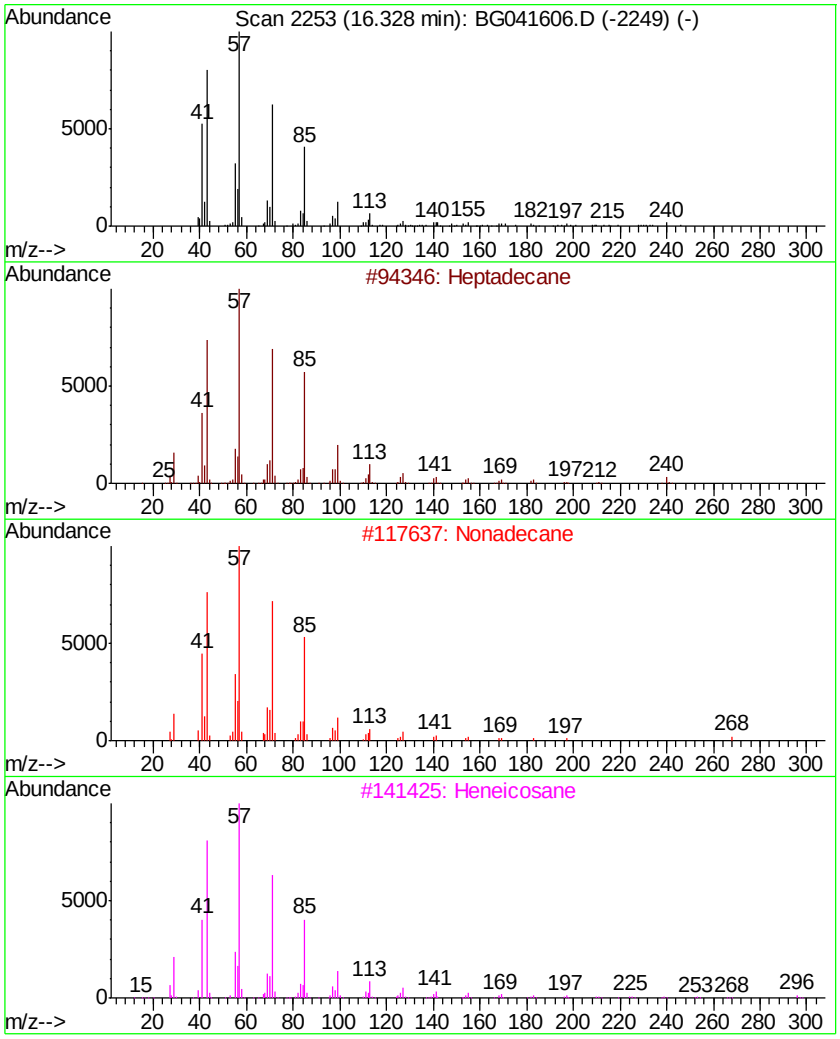
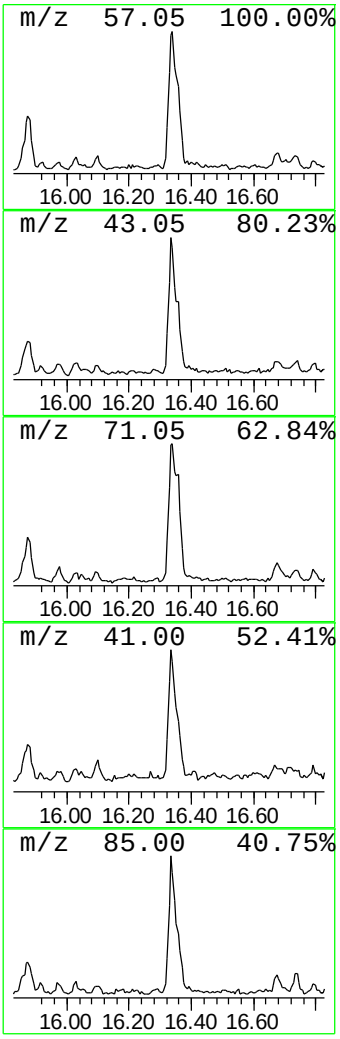
Peak Number 13 Heptadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.33	15.16 ng	423468	Phenanthrene-d10	17.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	95
2	Nonadecane	268	C19H40	000629-92-5	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Pentadecane	212	C15H32	000629-62-9	91
5	Tetradecane	198	C14H30	000629-59-4	91





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Misc :
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Instrument : BNA_G
ClientSampleId : D-1-ROLL-OFF-SOCK-PILE

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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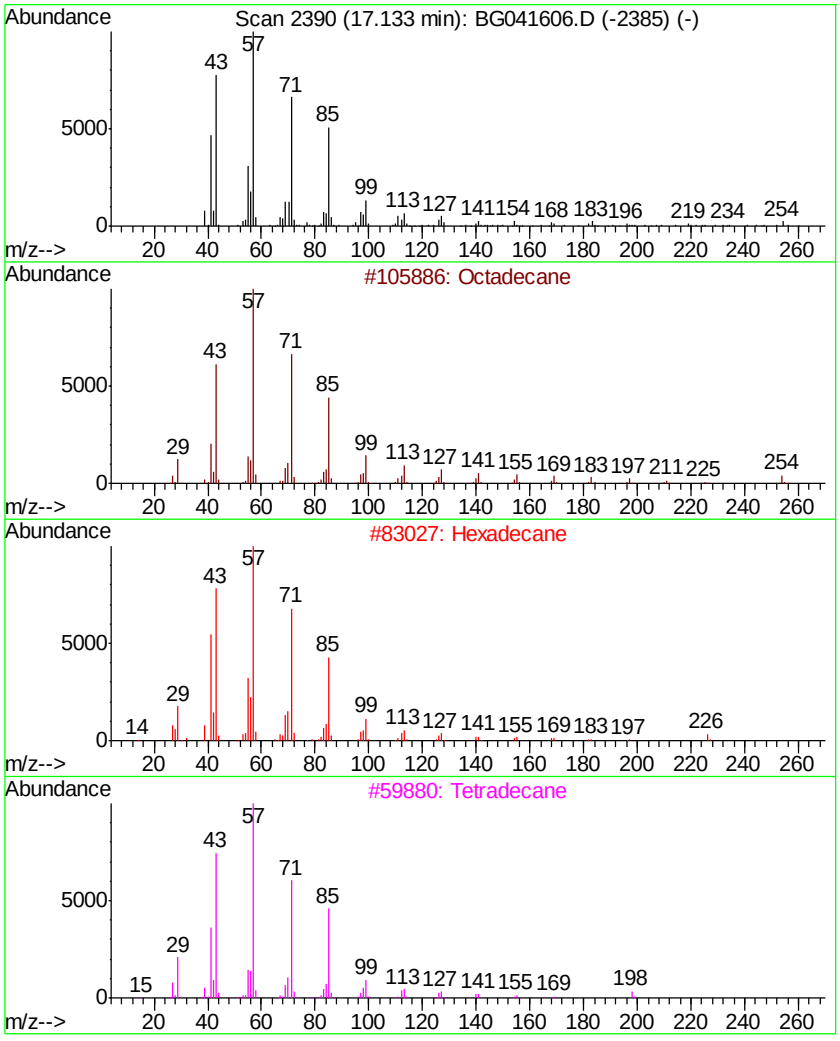
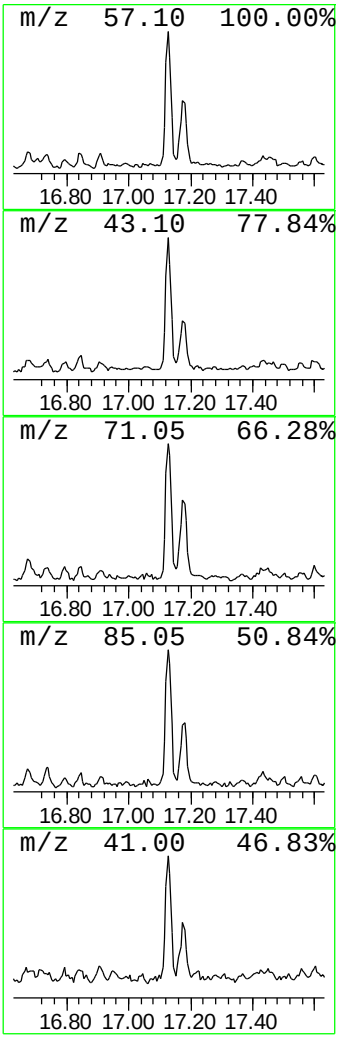
Peak Number 14 Octadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.13	7.71 ng	215498	Phenanthrene-d10	17.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	94
2	Hexadecane	226	C16H34	000544-76-3	91
3	Tetradecane	198	C14H30	000629-59-4	91
4	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1000309-12-5	90
5	Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	89





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Sample : K3649-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D-1-ROLL-OFF-SOCK-PILE

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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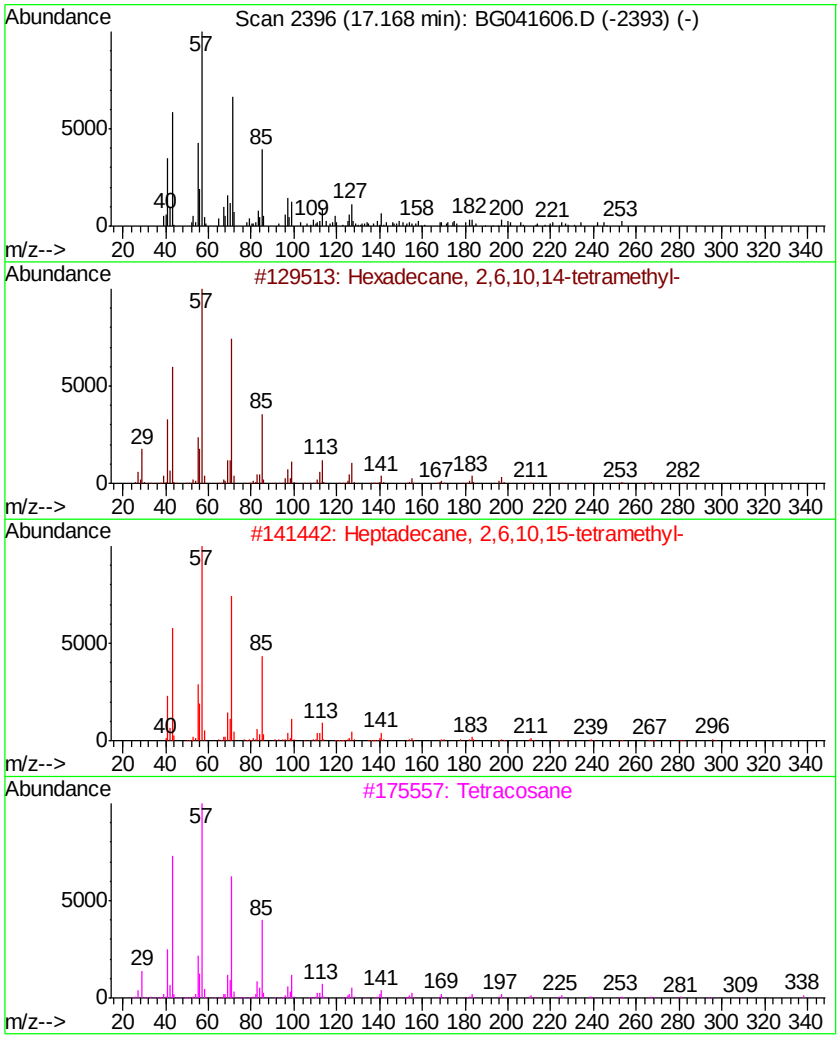
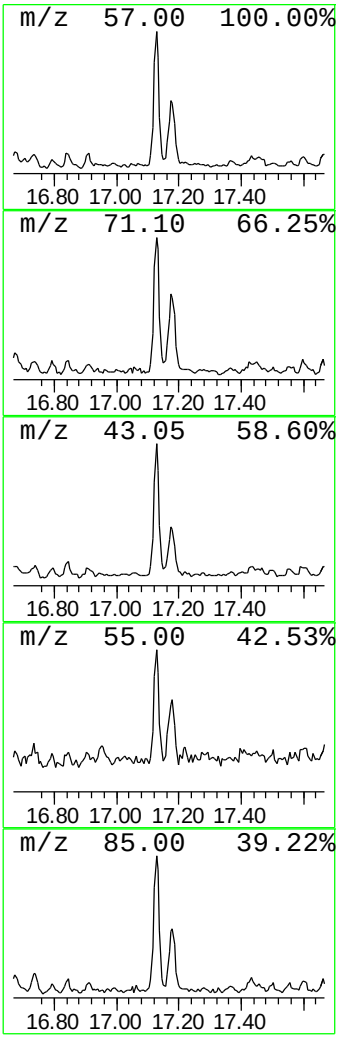
Peak Number 15 Hexadecane, 2,6,10,14-tetra... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.17	4.40 ng	122998	Phenanthrene-d10	17.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	91
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87
3	Tetracosane	338	C24H50	000646-31-1	80
4	Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	72
5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	68





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Data File : BG041606.D
Acq On : 4 Jul 2019 1:30
Operator : HP/JU
Sample : K3649-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D-1-ROLL-OFF-SOCK-PILE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG062619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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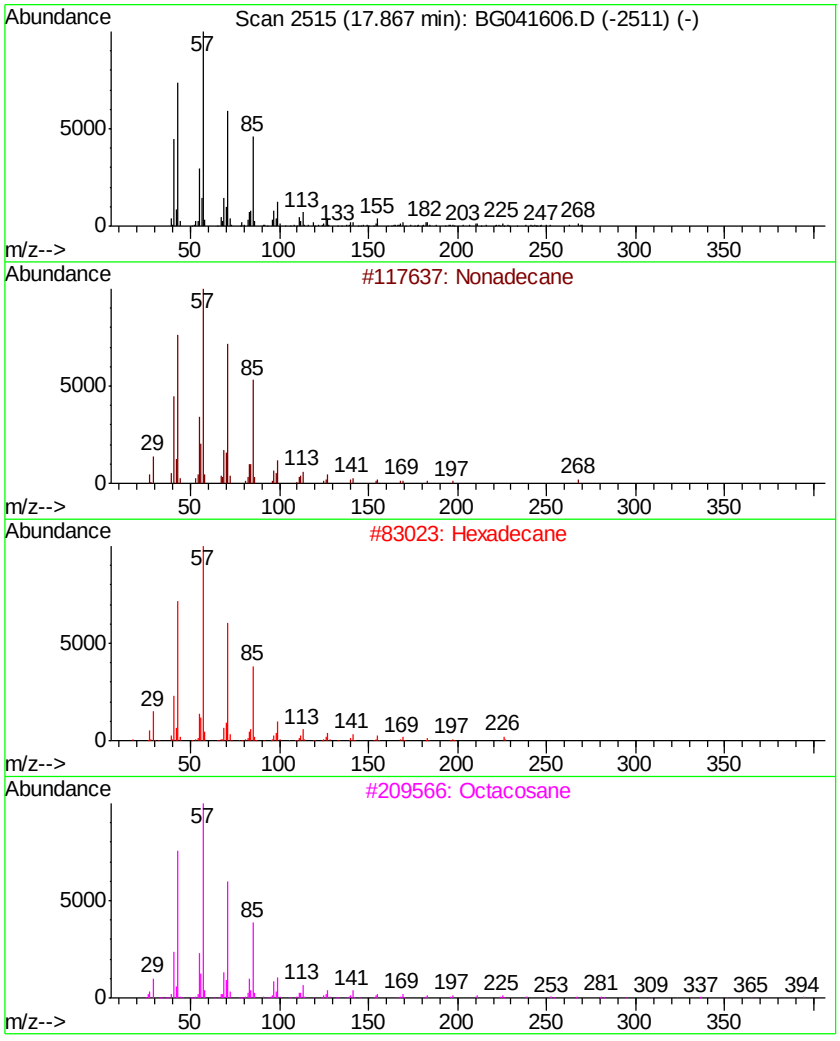
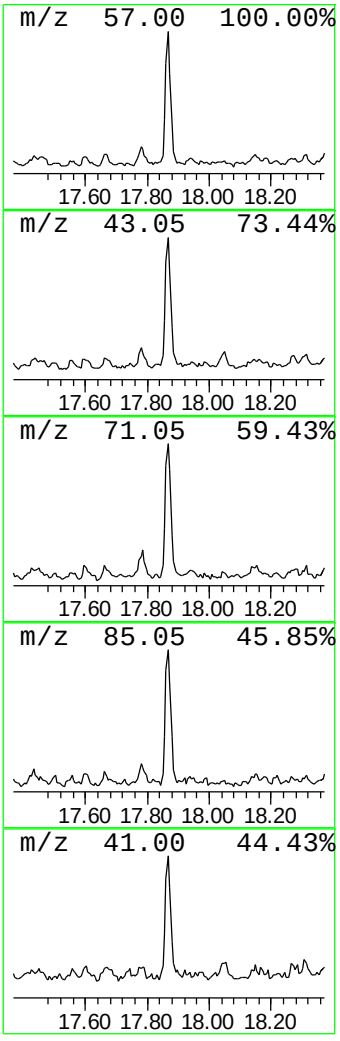
Peak Number 16 Nonadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.87	8.59 ng	239958	Phenanthrene-d10	17.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	98
2	Hexadecane	226	C16H34	000544-76-3	91
3	Octacosane	394	C28H58	000630-02-4	90
4	Eicosane	282	C20H42	000112-95-8	87
5	Pentadecane	212	C15H32	000629-62-9	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070319\
Data File : BG041606.D
Acq On : 4 Jul 2019 1:30
Operator : HP/JU
Sample : K3649-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D-1-ROLL-OFF-SOCK-PILE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG062619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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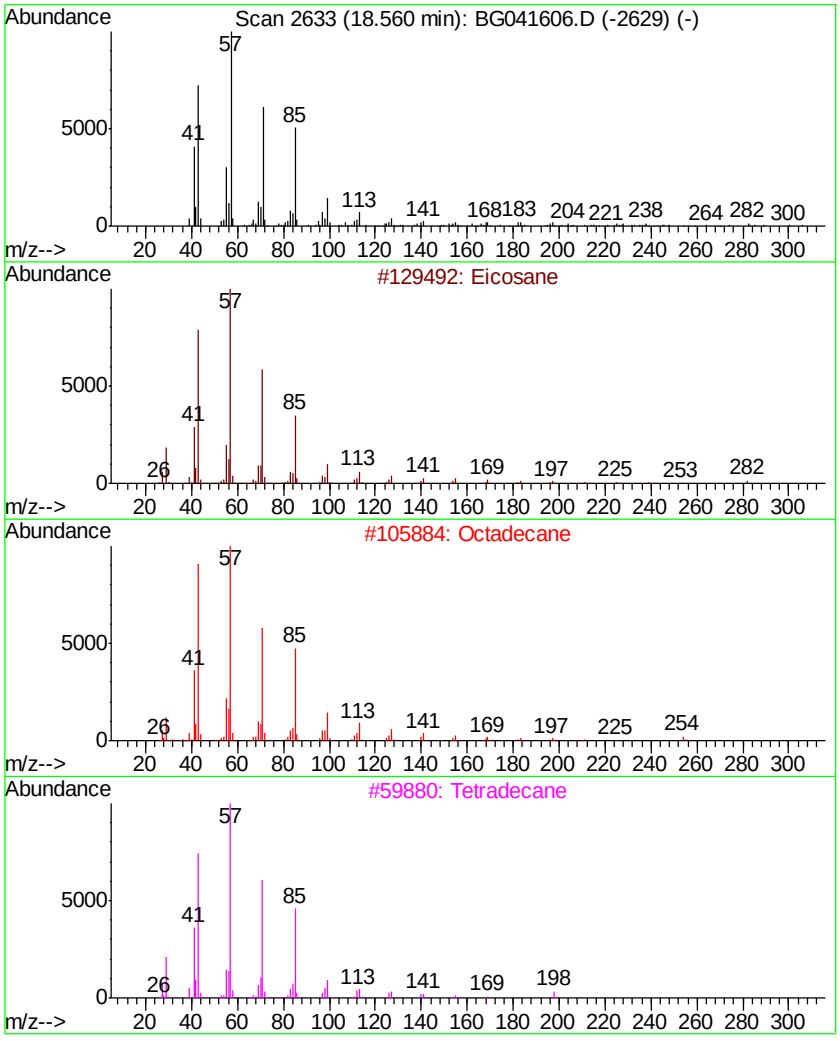
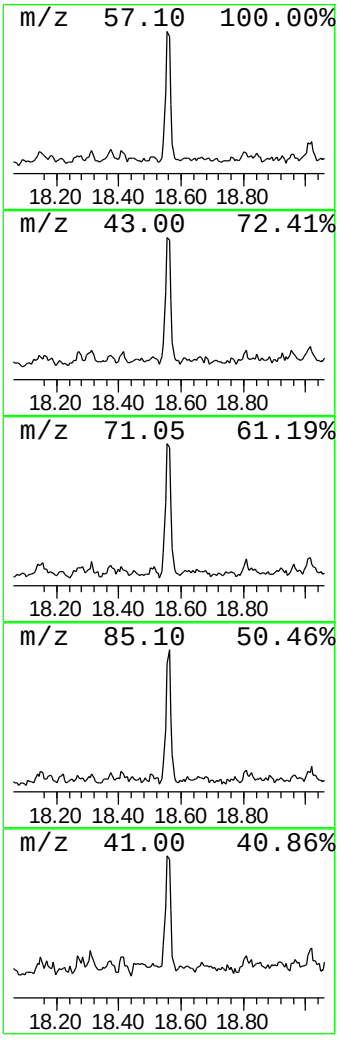
Peak Number 17 Eicosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.56	6.30 ng	175980	Phenanthrene-d10	17.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	98
2	Octadecane	254	C18H38	000593-45-3	91
3	Tetradecane	198	C14H30	000629-59-4	91
4	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1000309-12-5	90
5	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	86





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Data File : BG041606.D
Acq On : 4 Jul 2019 1:30
Operator : HP/JU
Sample : K3649-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D-1-ROLL-OFF-SOCK-PILE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG062619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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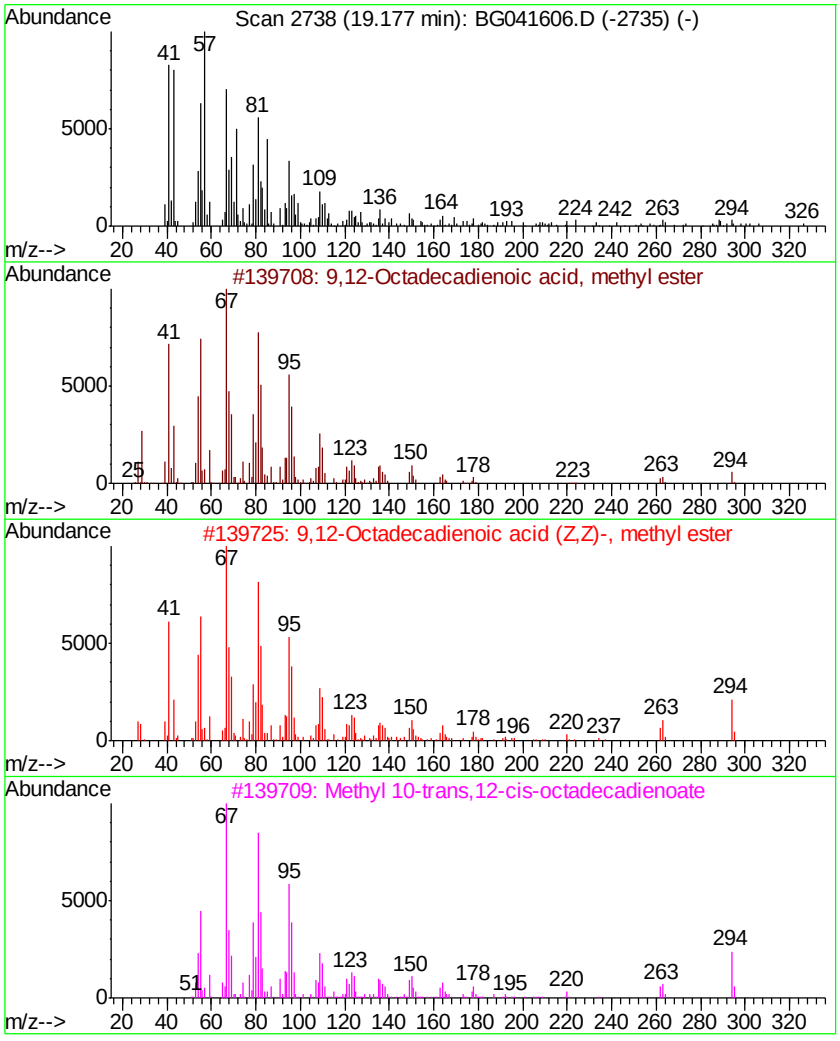
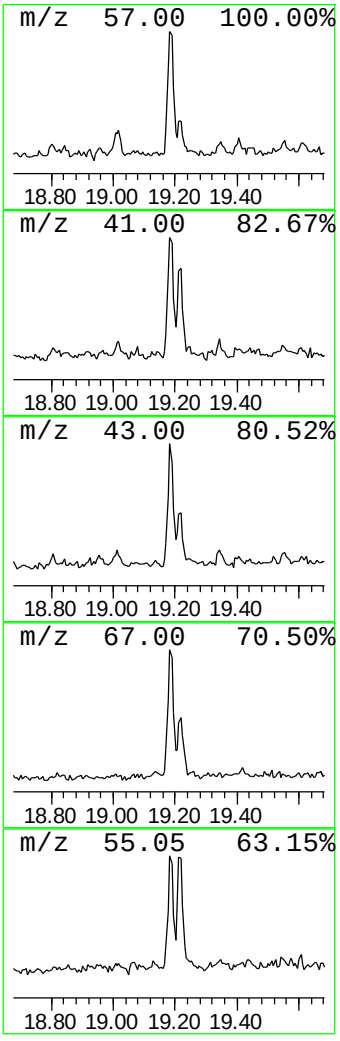
Peak Number 18 9,12-Octadecadienoic acid, ... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.18	12.94 ng	361398	Phenanthrene-d10	17.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	98
2	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	97
3	Methyl 10-trans,12-cis-octadecad...	294	C19H34O2	1000336-44-2	97
4	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	97
5	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	1000336-44-0	96





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070319\
Data File : BG041606.D
Acq On : 4 Jul 2019 1:30
Operator : HP/JU
Sample : K3649-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D-1-ROLL-OFF-SOCK-PILE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG062619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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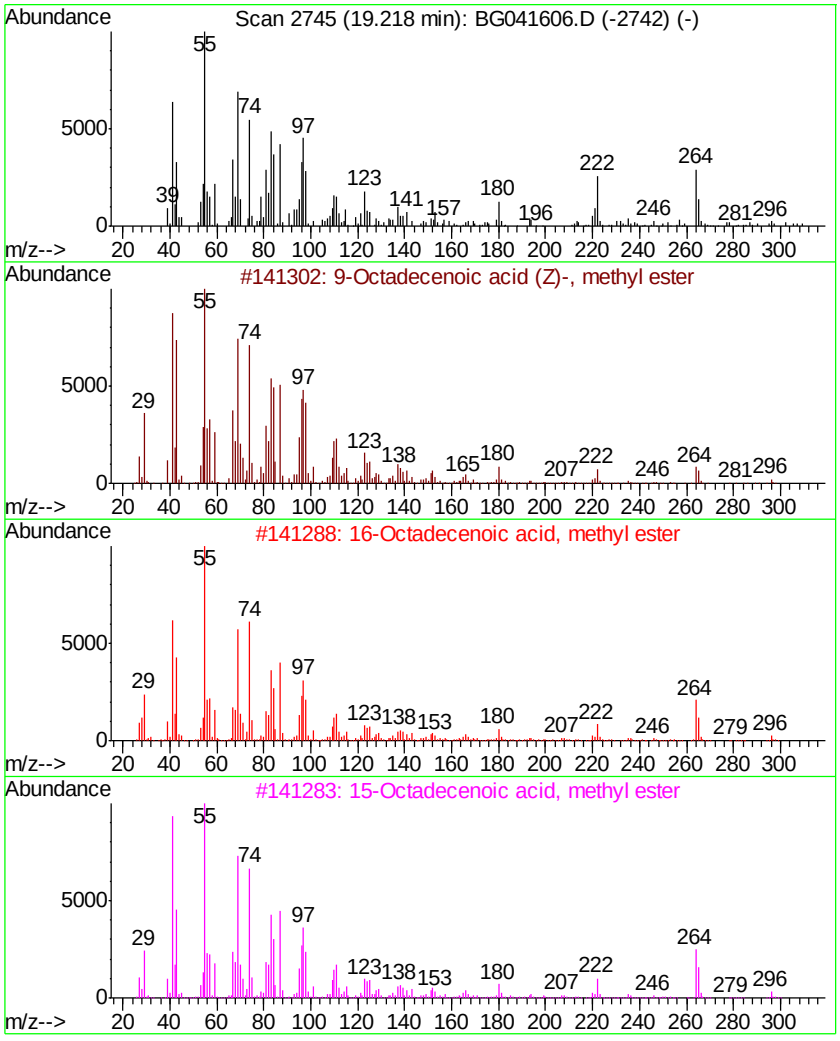
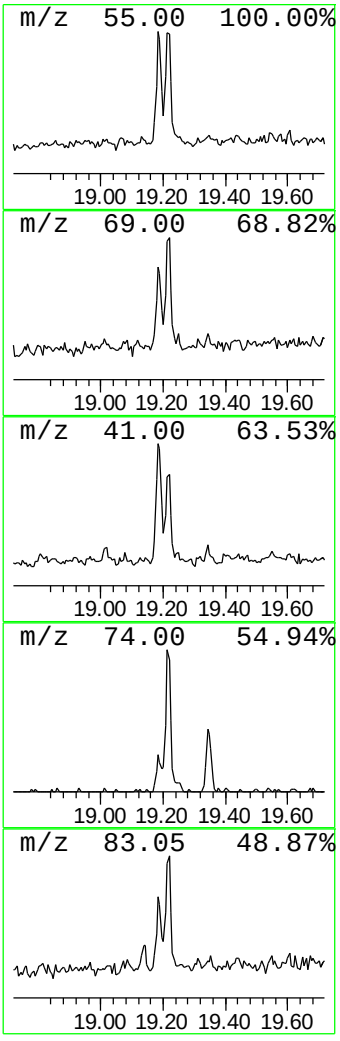
Peak Number 19 9-Octadecenoic acid (Z)-, m... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.22	9.00 ng	251448	Phenanthrene-d10	17.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	98
2	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	96
3	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	95
4	3-Octadecenoic acid, methyl ester	296	C19H36O2	056599-33-8	94
5	6-Octadecenoic acid, methyl este...	296	C19H36O2	002777-58-4	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070319\
Data File : BG041606.D
Acq On : 4 Jul 2019 1:30
Operator : HP/JU
Sample : K3649-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D-1-ROLL-OFF-SOCK-PILE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG062619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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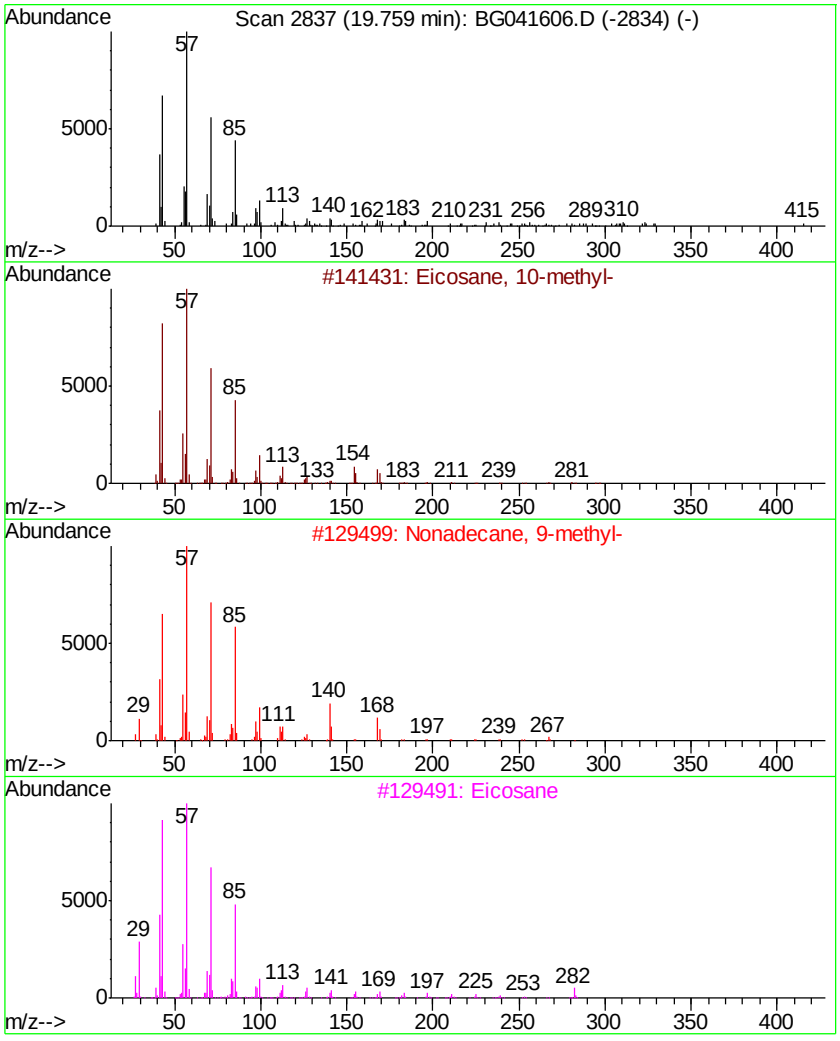
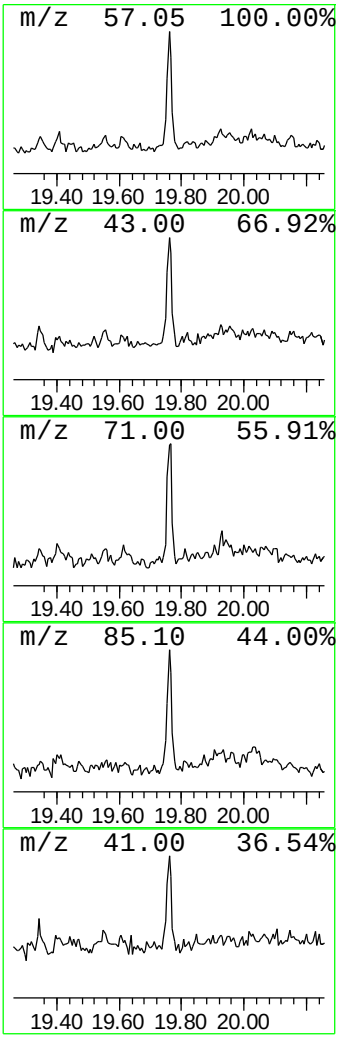
Peak Number 20 Eicosane, 10-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.76	3.32 ng	101904	Chrysene-d12	21.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
2	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	93
3	Eicosane	282	C20H42	000112-95-8	87
4	Heneicosane	296	C21H44	000629-94-7	87
5	Docosane	310	C22H46	000629-97-0	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG070319\
Data File : BG041606.D
Acq On : 4 Jul 2019 1:30
Operator : HP/JU
Sample : K3649-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D-1-ROLL-OFF-SOCK-PILE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG062619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT 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
unknown7.56	7.56	15.7	ng	179843	1	8.03	228791	20.0
Benzene, (1-ethyl...	12.03	3.4	ng	49664	2	10.85	294750	20.0
Tridecane	12.22	5.6	ng	82204	2	10.85	294750	20.0
Naphthalene, 1,2,...	12.74	3.5	ng	52213	2	10.85	294750	20.0
Tetradecane	13.45	6.8	ng	134337	3	14.68	392337	20.0
unknown14.11	14.11	4.1	ng	81089	3	14.68	392337	20.0
Pentadecane	14.52	9.4	ng	183648	3	14.68	392337	20.0
Naphthalene, 2,3,...	15.14	4.0	ng	77591	3	14.68	392337	20.0
4,6,8-Trimethylaz...	15.28	3.3	ng	64883	3	14.68	392337	20.0
Hexadecane	15.48	12.8	ng	251535	3	14.68	392337	20.0
Pentadecane, 2,6,...	15.88	7.6	ng	149207	3	14.68	392337	20.0
Heptadecane	16.33	15.2	ng	423468	4	17.43	558765	20.0
Octadecane	17.13	7.7	ng	215498	4	17.43	558765	20.0
Hexadecane, 2,6,1...	17.17	4.4	ng	122998	4	17.43	558765	20.0
Nonadecane	17.87	8.6	ng	239958	4	17.43	558765	20.0
Eicosane	18.56	6.3	ng	175980	4	17.43	558765	20.0
9,12-Octadecadien...	19.18	12.9	ng	361398	4	17.43	558765	20.0
9-Octadecenoic ac...	19.22	9.0	ng	251448	4	17.43	558765	20.0
Eicosane, 10-methyl-	19.76	3.3	ng	101904	5	21.70	613200	20.0