LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081516\
Data File : BG023719.D
Acq On : 15 Aug 2016 13:27
Operator : UM/SJ
Sample : H4452-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P-1

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:\HPCHEM1\BNA_G\Methods\8270-BG080116.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	2.985	20	25	48	rBV	6046941	10784270	100.00%	10.943%
2	5.182	392	399	409	rBV	694832	1093342	10.14%	1.109%
3	5.657	473	480	500	rBV	2487282	4179756	38.76%	4.241%
4	7.279	747	756	766	rBV	2650044	4704110	43.62%	4.773%
5	7.649	811	819	828	rBV	2670613	4527921	41.99%	4.594%
6	8.119	892	899	907	rBV	514628	892465	8.28%	0.906%
7	8.448	946	955	965	rBV	1875258	3228788	29.94%	3.276%
8	9.300	1090	1100	1111	rBV	1649354	3060001	28.37%	3.105%
9	10.897	1366	1372	1376	rBV	236190	375010	3.48%	0.381%
10	10.956	1376	1382	1388	rVB	716561	1254893	11.64%	1.273%
11	11.085	1397	1404	1409	rVB2	90698	170207	1.58%	0.173%
12	11.849	1529	1534	1542	rVB4	72854	144558	1.34%	0.147%
13	11.949	1545	1551	1556	rBV	193334	302546	2.81%	0.307%
14	12.343	1612	1618	1624	rBV	585998	872002	8.09%	0.885%
15	12.607	1659	1663	1670	rVB	234616	404587	3.75%	0.411%
16	12.830	1695	1701	1709	rVB2	144684	284416	2.64%	0.289%
17	12.977	1721	1726	1729	rBV5	70854	118942	1.10%	0.121%
18	13.153	1747	1756	1761	rBV2	130559	235479	2.18%	0.239%
19	13.294	1775	1780	1789	rVB	349415	496043	4.60%	0.503%
20	13.400	1791	1798	1809	rVB	3594924	5856877	54.31%	5.943%
21	13.582	1819	1829	1838	rBV	1101944	1939069	17.98%	1.968%
22	13.811	1864	1868	1877	rVB	116541	248325	2.30%	0.252%
23	14.099	1912	1917	1923	rBV2	422864	762344	7.07%	0.774%
24	14.158	1923	1927	1931	rVV3	296255	448920	4.16%	0.456%
25	14.234	1931	1940	1945	rVV2	1625487	2909518	26.98%	2.952%
26	14.281	1945	1948	1954	rVV3	174270	257105	2.38%	0.261%
27	14.346	1954	1959	1967	rVB3	196275	442052	4.10%	0.449%
28	14.510	1983	1987	1993	rBV4	154331	321605	2.98%	0.326%
29	14.604	1999	2003	2007	rVB3	145939	207491	1.92%	0.211%
30	14.657	2007	2012	2020	rVB	1600868	2150637	19.94%	2.182%
31	14.751	2021	2028	2029	rBV5	143340	297177	2.76%	0.302%
32	14.786	2029	2034	2040	rVV3	1036490	1758608	16.31%	1.784%
33	14.863	2044	2047	2051	rVB5	88241	121911	1.13%	0.124%
34	14.992	2063	2069	2078	rVB3	210471	473671	4.39%	0.481%

LSC Area Percent Report

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Data File : BG023719.D
Acq On : 15 Aug 2016 13:27
Operator : UM/SJ
Sample : H4452-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P-1

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:\HPCHEM1\BNA_G\Methods\8270-BG080116.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	15.098	2080	2087	2093	rBV7	119272	315821	2.93%	0.320%
36	15.180	2093	2101	2105	rBV2	252921	654076	6.07%	0.664%
37	15.268	2110	2116	2124	rVB4	371217	870223	8.07%	0.883%
38	15.403	2134	2139	2143	rBV2	237957	413348	3.83%	0.419%
39	15.456	2144	2148	2152	rVV	199674	330602	3.07%	0.335%
40	15.503	2152	2156	2160	rVB5	94736	157765	1.46%	0.160%
41	15.568	2161	2167	2170	rBV5	205604	453617	4.21%	0.460%
42	15.609	2170	2174	2179	rVB	1981832	2520354	23.37%	2.557%
43	15.667	2179	2184	2188	rBV5	80773	138497	1.28%	0.141%
44	15.826	2208	2211	2217	rBV5	97410	179437	1.66%	0.182%
45	16.014	2237	2243	2249	rBV	727777	1271904	11.79%	1.291%
46	16.114	2256	2260	2265	rBV4	119624	198398	1.84%	0.201%
47	16.237	2277	2281	2284	rBV3	207946	252355	2.34%	0.256%
48	16.290	2284	2290	2297	rVV	2766579	4143796	38.42%	4.205%
49	16.478	2317	2322	2324	rBV	1930652	2815179	26.10%	2.857%
50	16.648	2347	2351	2356	rBV4	126968	200338	1.86%	0.203%
51	16.825	2376	2381	2384	rBV3	139142	270581	2.51%	0.275%
52	16.989	2406	2409	2415	rVB4	183136	255496	2.37%	0.259%
53	17.054	2415	2420	2424	rBV4	148321	277488	2.57%	0.282%
54	17.095	2424	2427	2430	rVV3	104929	130307	1.21%	0.132%
55	17.277	2453	2458	2462	rBV	1504176	1876404	17.40%	1.904%
56	17.324	2462	2466	2471	rVB	565918	812934	7.54%	0.825%
57	17.553	2499	2505	2510	rBV	1076096	1704490	15.81%	1.730%
58	17.753	2535	2539	2542	rVB4	126777	183608	1.70%	0.186%
59	17.817	2547	2550	2558	rVV9	115620	236740	2.20%	0.240%
60	17.882	2558	2561	2565	rVV4	69923	137709	1.28%	0.140%
61	17.935	2567	2570	2579	rVV5	176402	421711	3.91%	0.428%
62	18.017	2580	2584	2591	rVB	1197984	1553516	14.41%	1.576%
63	18.423	2648	2653	2659	rBV2	1397679	2211860	20.51%	2.244%
64	18.564	2675	2677	2682	rVB5	98448	120170	1.11%	0.122%
65	18.622	2683	2687	2691	rVB2	99853	134961	1.25%	0.137%
66	18.710	2698	2702	2707	rVB	855504	989866	9.18%	1.004%
67	19.169	2777	2780	2785	rVB3	110417	148886	1.38%	0.151%
68	19.339	2804	2809	2814	rBV2	736675	886672	8.22%	0.900%
69	19.697	2865	2870	2882	rBV	3134778	5302340	49.17%	5.380%
70	19.915	2903	2907	2912	rVB	401478	469583	4.35%	0.476%
71	20.161	2944	2949	2956	rVB	4602426	6019066	55.81%	6.108%

LSC Area Percent Report

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Operator : UM/SJ
Sample : H4452-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P-1

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

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Peak separation: 5

Method : Z:\HPCHEM1\BNA_G\Methods\8270-BG080116.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	20.443	2994	2997	3001	rVB	248260	257751	2.39%	0.262%
73	20.949	3079	3083	3089	rVB	134923	163193	1.51%	0.166%
74	21.877	3235	3241	3248	rVB2	1148166	1938608	17.98%	1.967%
75	25.290	3812	3822	3836	rVB2	578469	1806790	16.75%	1.833%

Sum of corrected areas: 98551086

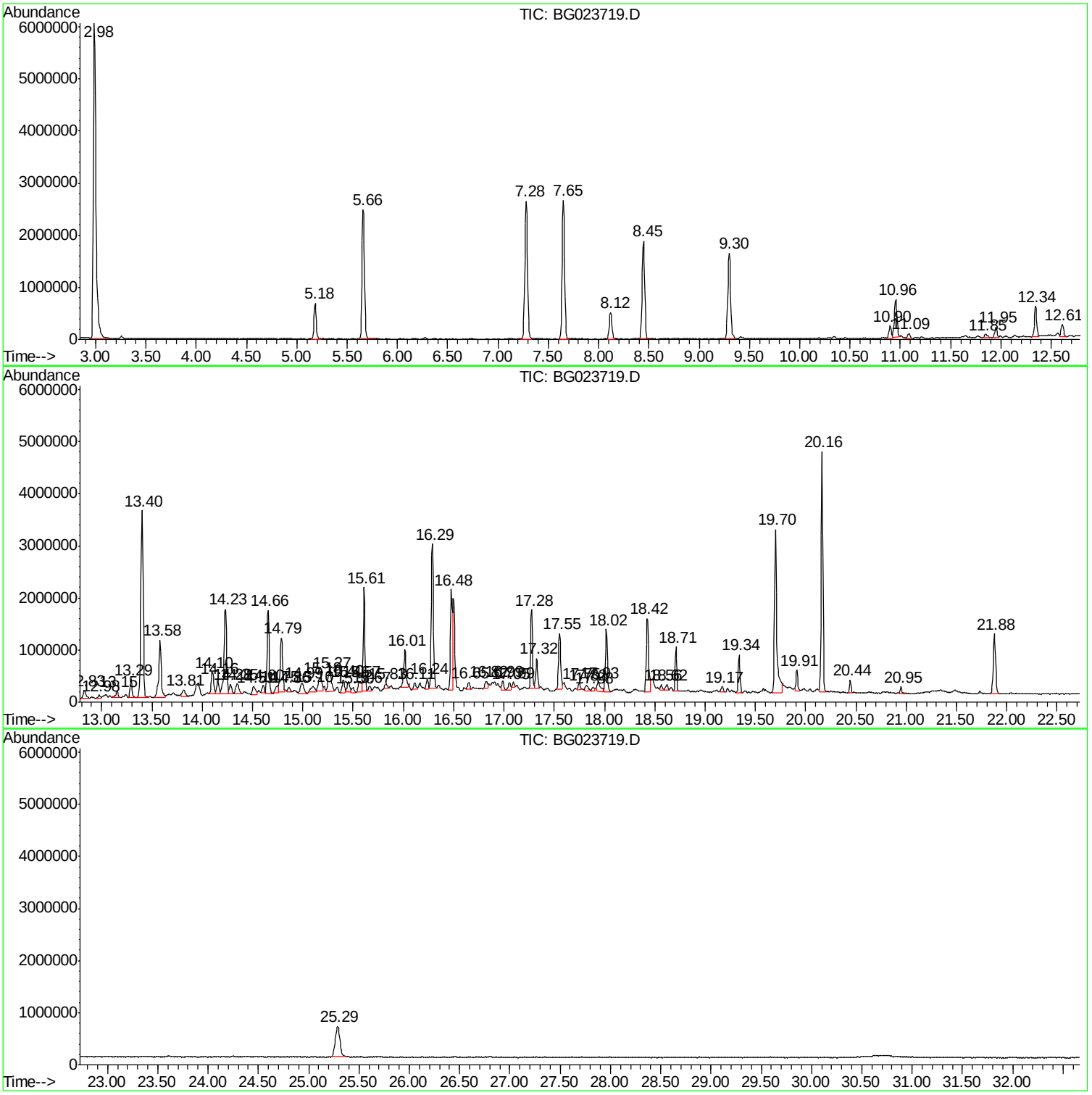
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081516\
Data File : BG023719.D
Acq On : 15 Aug 2016 13:27
Operator : UM/SJ
Sample : H4452-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P-1

Quant Method : Z:\HPCHEM1\BNA_G\Methods\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081516\
Data File : BG023719.D
Acq On : 15 Aug 2016 13:27
Operator : UM/SJ
Sample : H4452-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P-1

Quant Method : Z:\HPCHEM1\BNA_G\Methods\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

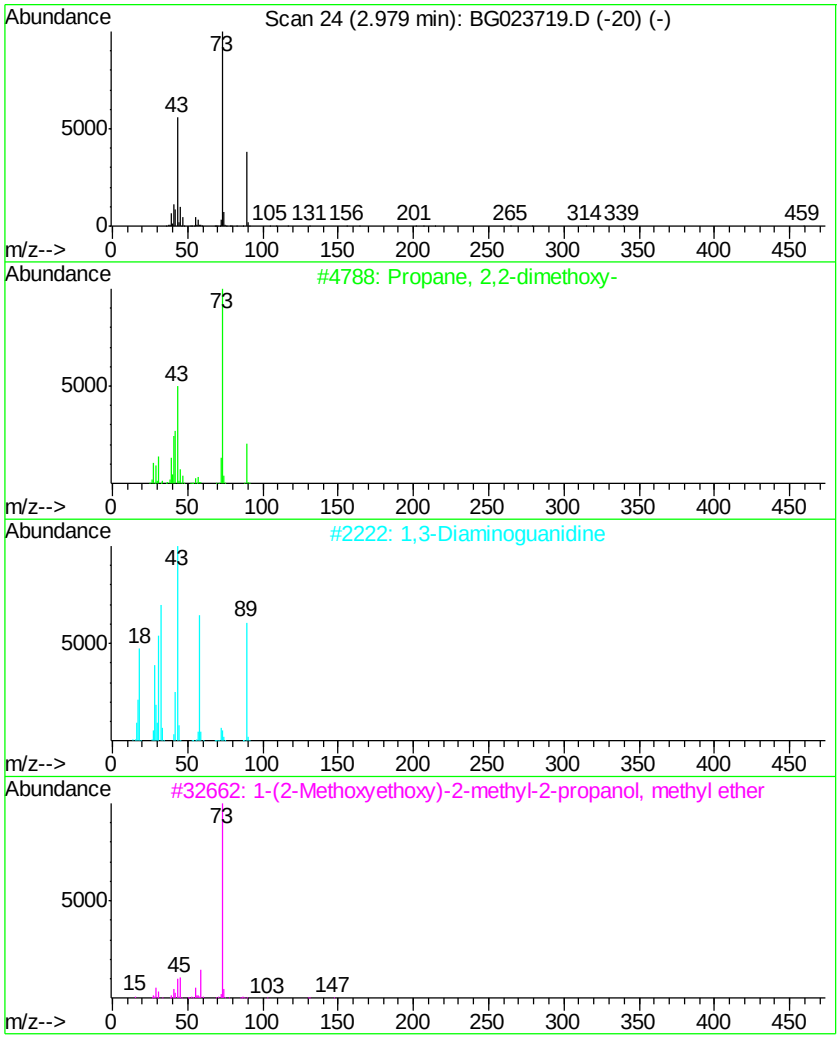
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

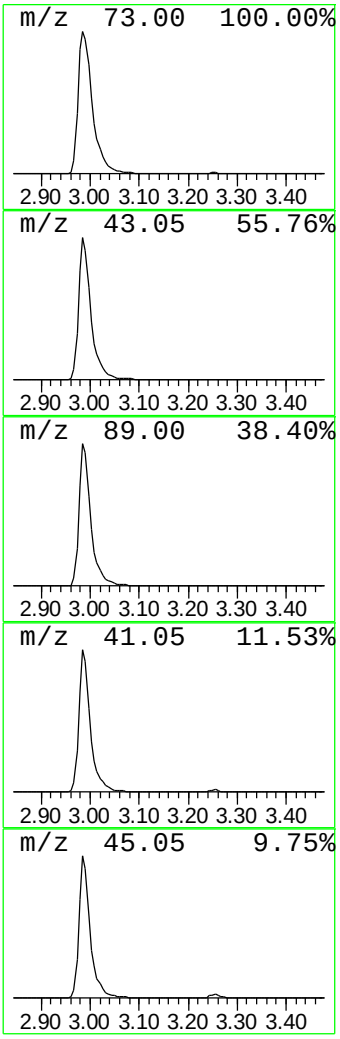
****

Peak Number 1 unknown2.98 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.98	241.67 ng	10784300	1,4-Dichlorobenzene-d4	8.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	28
2	1,3-Diaminoguanidine	89	CH7N5	004364-78-7	23
3	1-(2-Methoxyethoxy)-2-methyl-2-p...	162	C8H18O3	1000364-24-4	9
4	1-Hexen-4-ol, 1-chloro-3,5-dimet...	162	C8H15ClO	100244-09-5	9
5	2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	9





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081516\
Data File : BG023719.D
Acq On : 15 Aug 2016 13:27
Operator : UM/SJ
Sample : H4452-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P-1

Quant Method : Z:\HPCHEM1\BNA_G\Methods\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

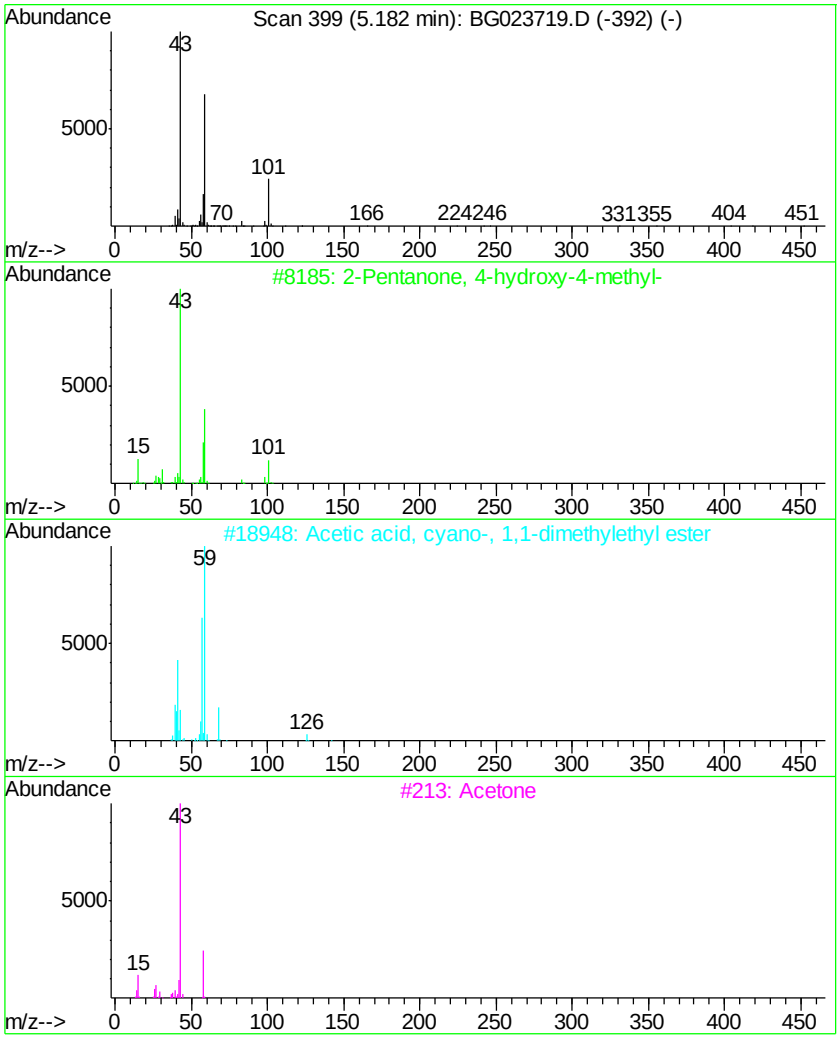
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

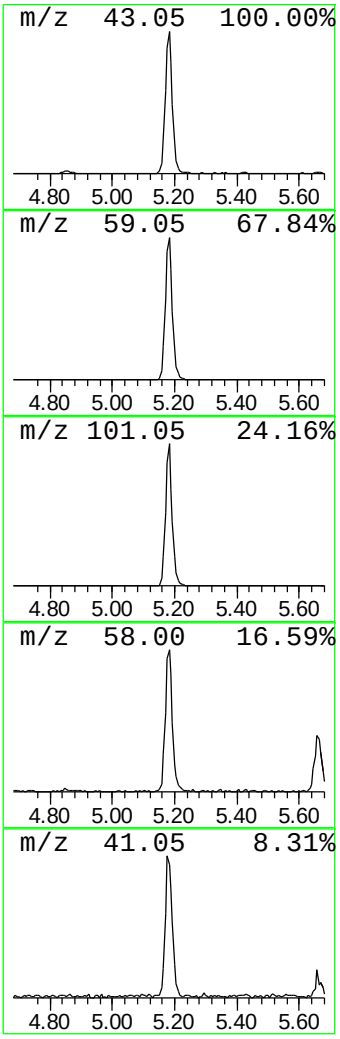
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.18	24.50 ng	1093340	1,4-Dichlorobenzene-d4	8.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	Acetone	58	C3H6O	000067-64-1	9
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	Guanidine	59	CH5N3	000113-00-8	9





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081516\
Data File : BG023719.D
Acq On : 15 Aug 2016 13:27
Operator : UM/SJ
Sample : H4452-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P-1

Quant Method : Z:\HPCHEM1\BNA_G\Methods\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

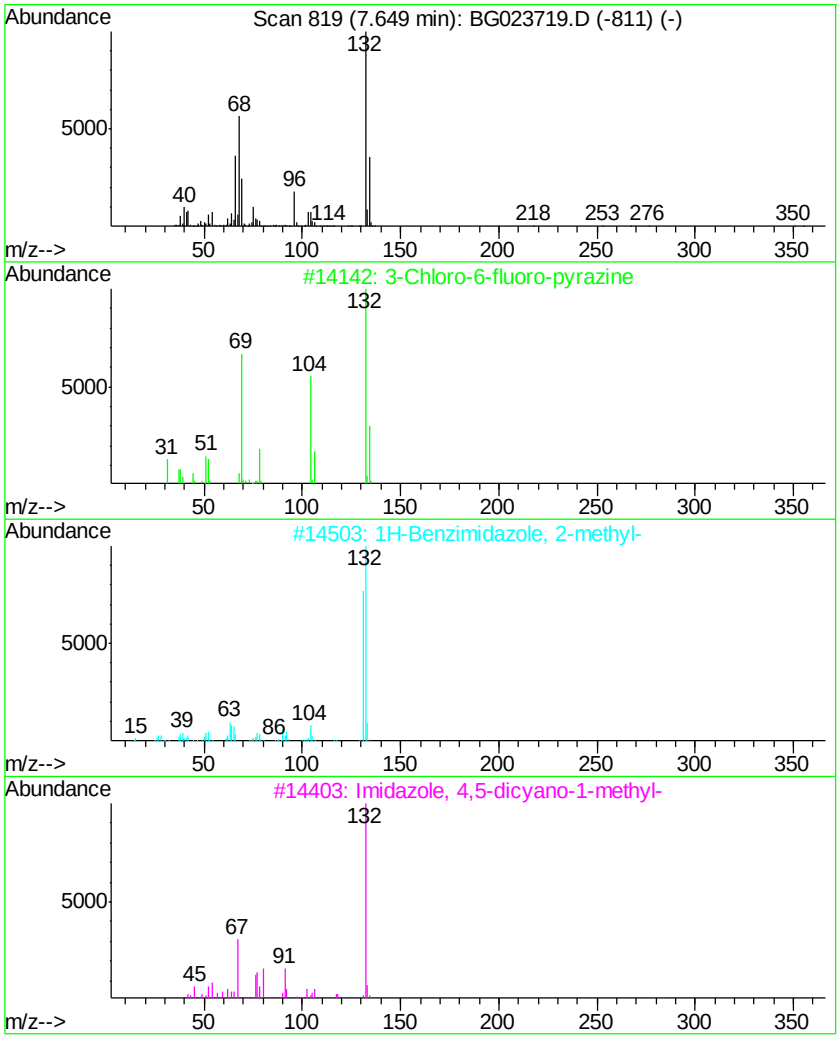
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

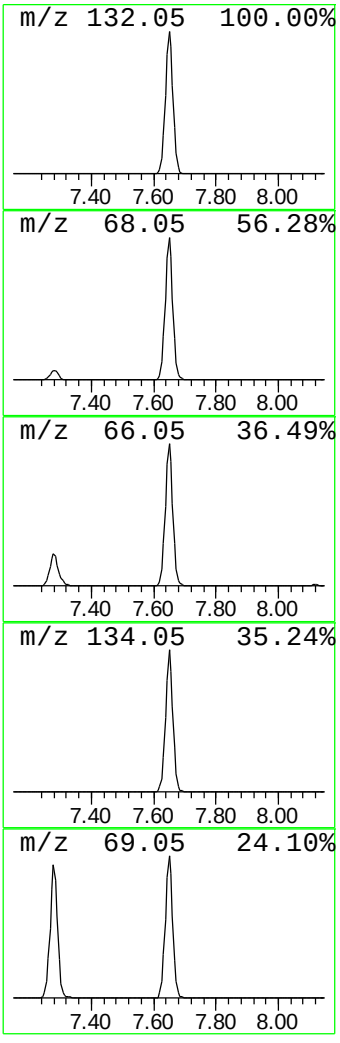
****

Peak Number 3 unknown7.65 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.65	101.47 ng	4527920	1,4-Dichlorobenzene-d4	8.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	22
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
5	5-Aminoindole	132	C8H8N2	005192-03-0	10





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081516\
Data File : BG023719.D
Acq On : 15 Aug 2016 13:27
Operator : UM/SJ
Sample : H4452-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P-1

Quant Method : Z:\HPCHEM1\BNA_G\Methods\8270-BG080116.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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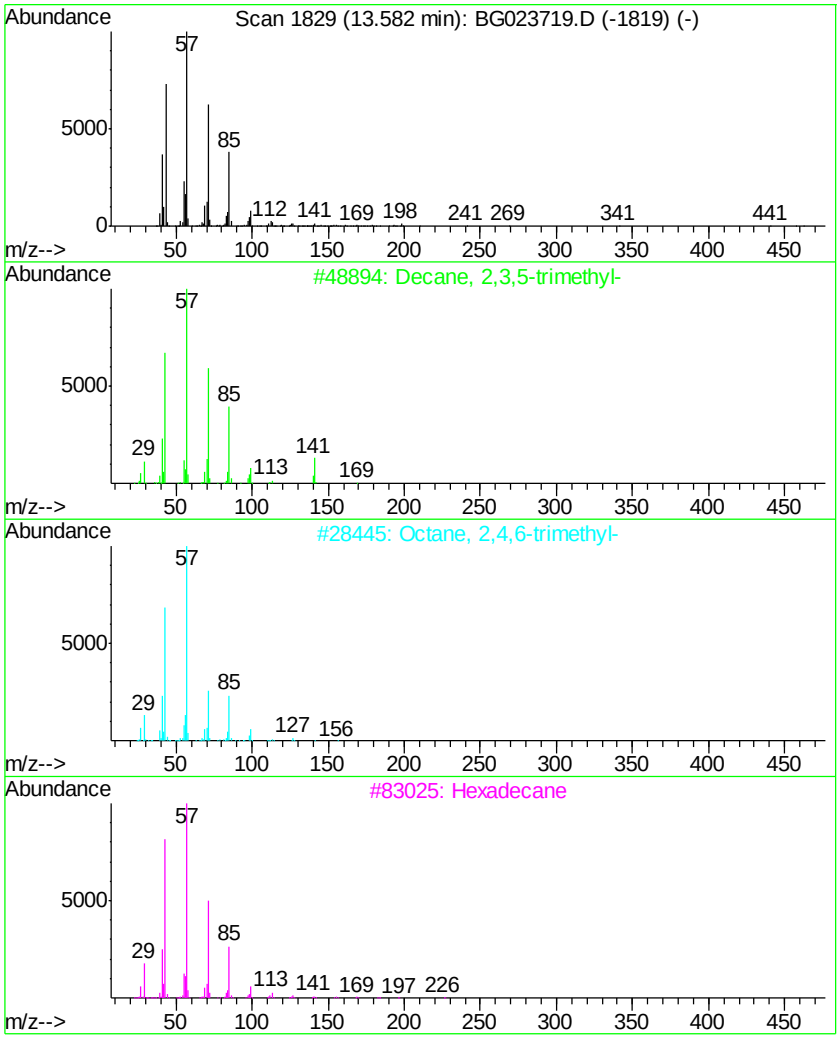
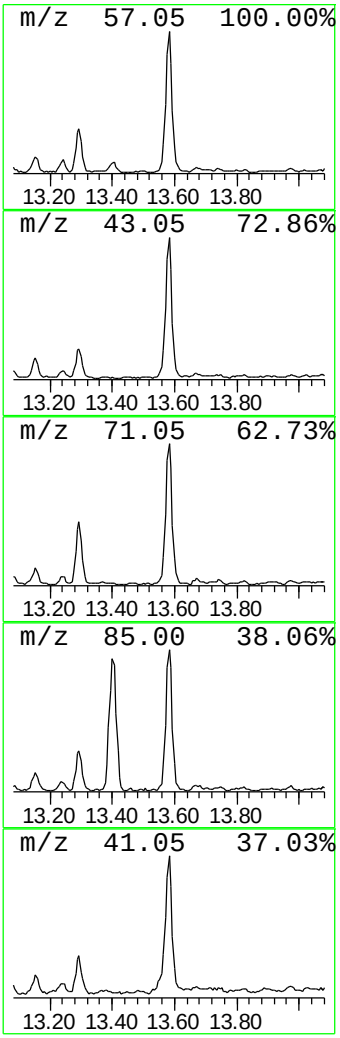
Peak Number 6 Decane, 2,3,5-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.58	22.05 ng	1939070	Acenaphthene-d10	14.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	90
2	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	90
3	Hexadecane	226	C16H34	000544-76-3	90
4	Tetradecane	198	C14H30	000629-59-4	86
5	Tridecane, 7-propyl-	226	C16H34	055045-09-5	83





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081516\
Data File : BG023719.D
Acq On : 15 Aug 2016 13:27
Operator : UM/SJ
Sample : H4452-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P-1

Quant Method : Z:\HPCHEM1\BNA_G\Methods\8270-BG080116.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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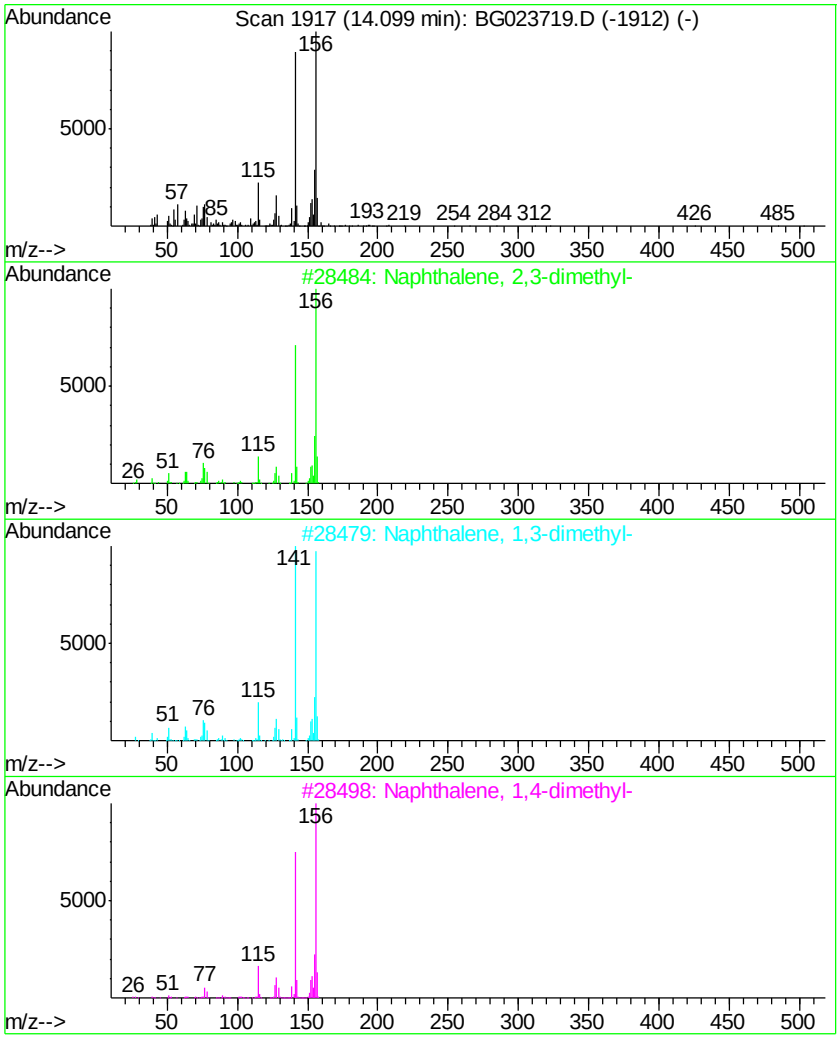
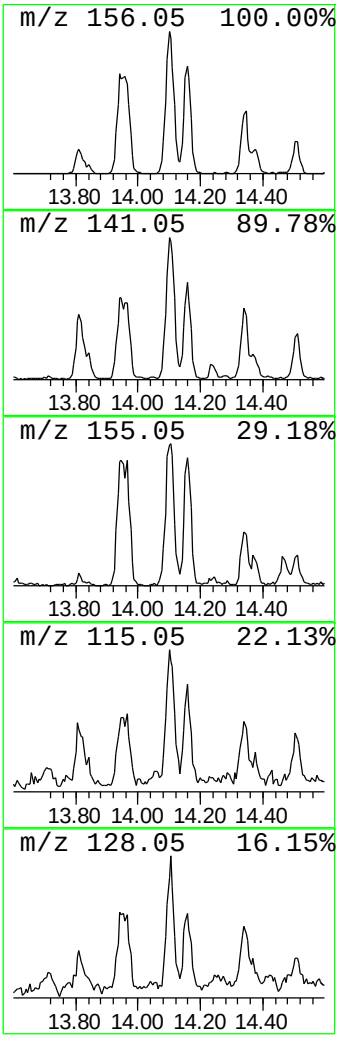
Peak Number 7 Naphthalene, 2,3-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.10	8.67 ng	762344	Acenaphthene-d10	14.79

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	96
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081516\
Data File : BG023719.D
Acq On : 15 Aug 2016 13:27
Operator : UM/SJ
Sample : H4452-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P-1

Quant Method : Z:\HPCHEM1\BNA_G\Methods\8270-BG080116.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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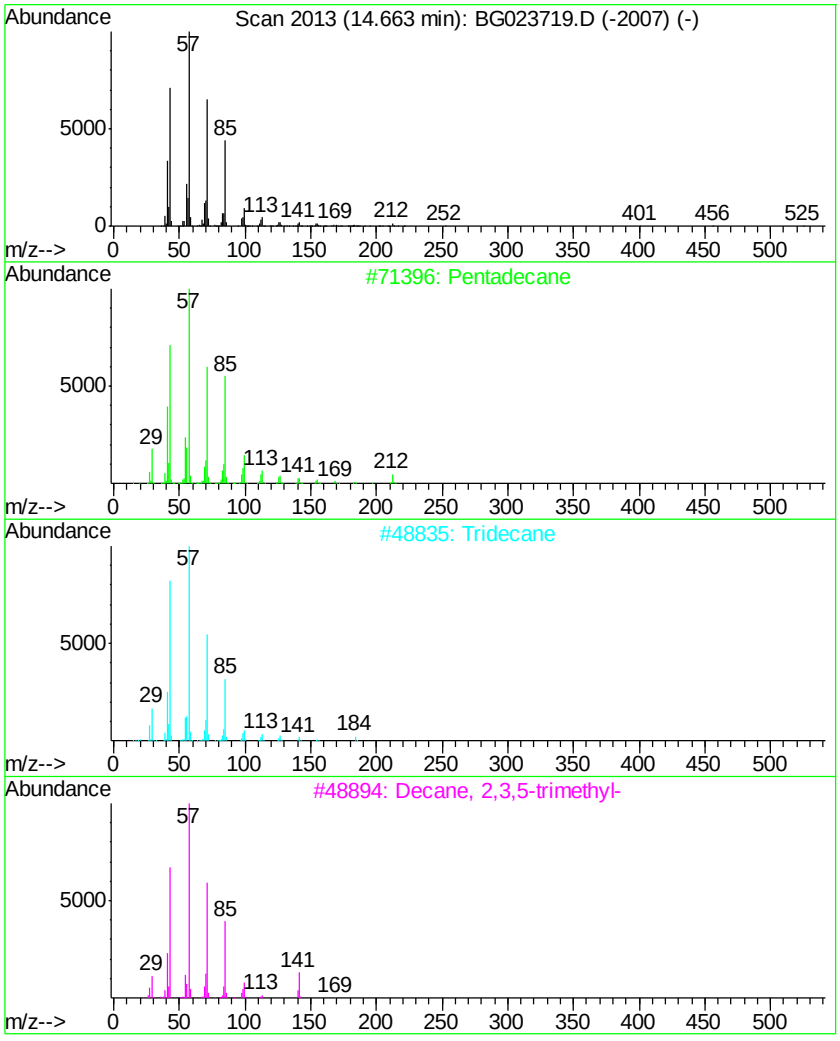
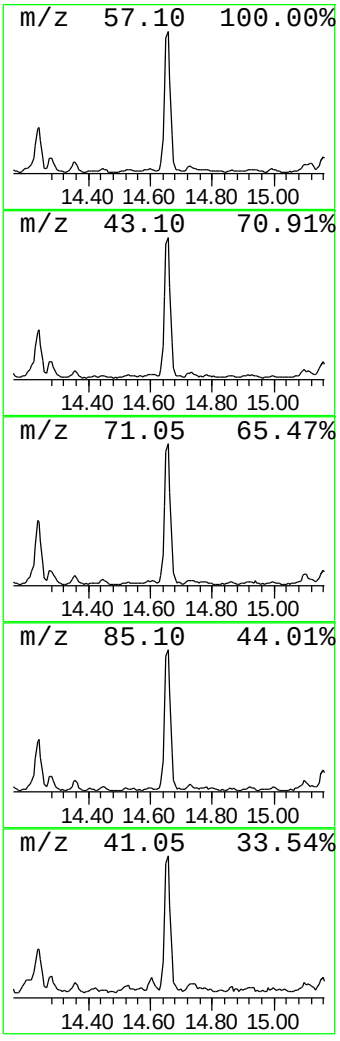
Peak Number 8 Pentadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.66	24.46 ng	2150640	Acenaphthene-d10	14.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	94
2	Tridecane	184	C13H28	000629-50-5	90
3	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	83
4	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	80
5	Hexadecane	226	C16H34	000544-76-3	72





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081516\
Data File : BG023719.D
Acq On : 15 Aug 2016 13:27
Operator : UM/SJ
Sample : H4452-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P-1

Quant Method : Z:\HPCHEM1\BNA_G\Methods\8270-BG080116.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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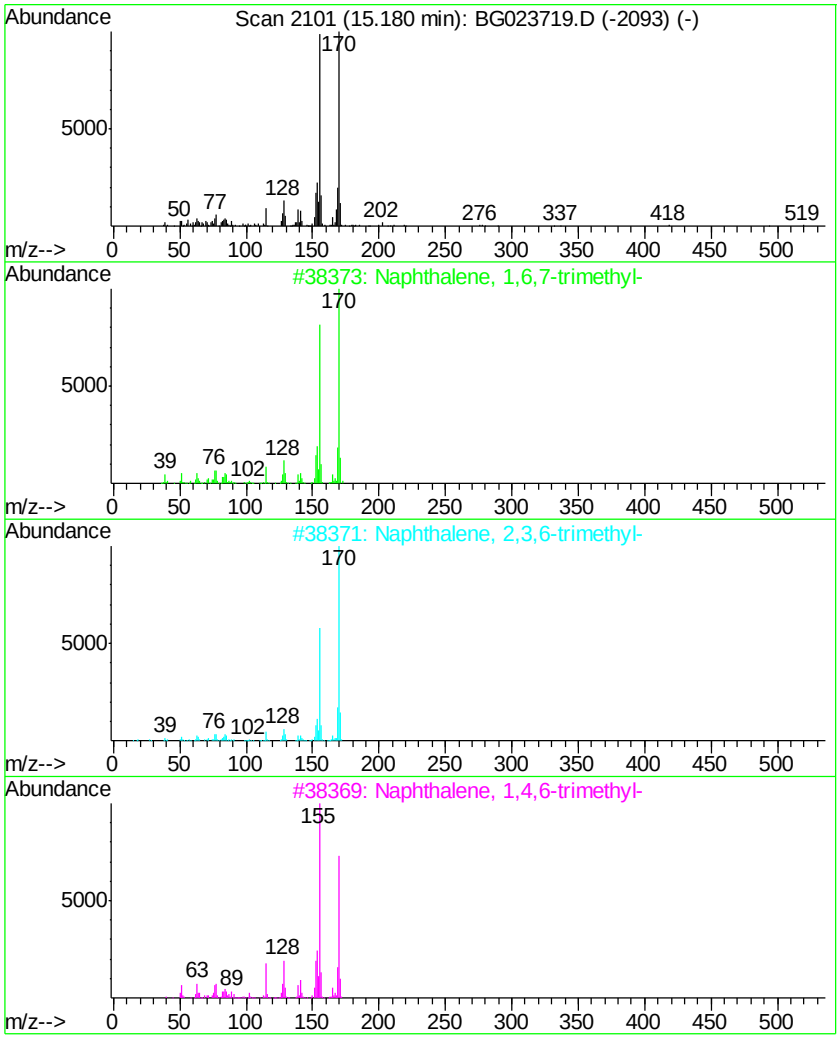
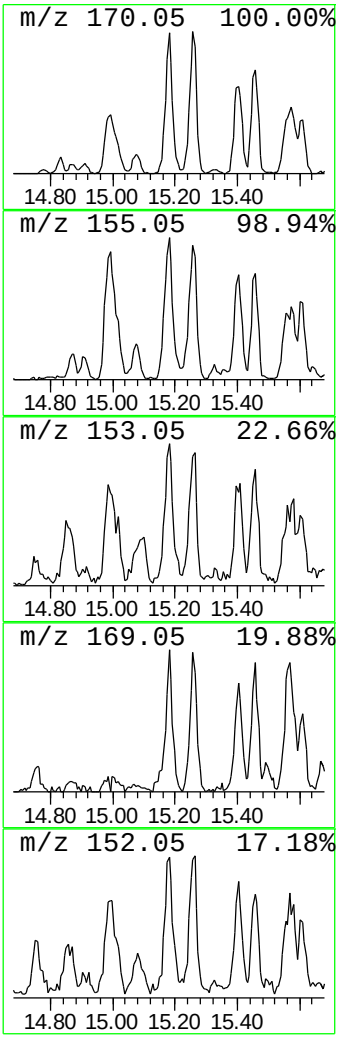
Peak Number 9 Naphthalene, 1,6,7-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.18	7.44 ng	654076	Acenaphthene-d10	14.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	91
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	90





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081516\
Data File : BG023719.D
Acq On : 15 Aug 2016 13:27
Operator : UM/SJ
Sample : H4452-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P-1

Quant Method : Z:\HPCHEM1\BNA_G\Methods\8270-BG080116.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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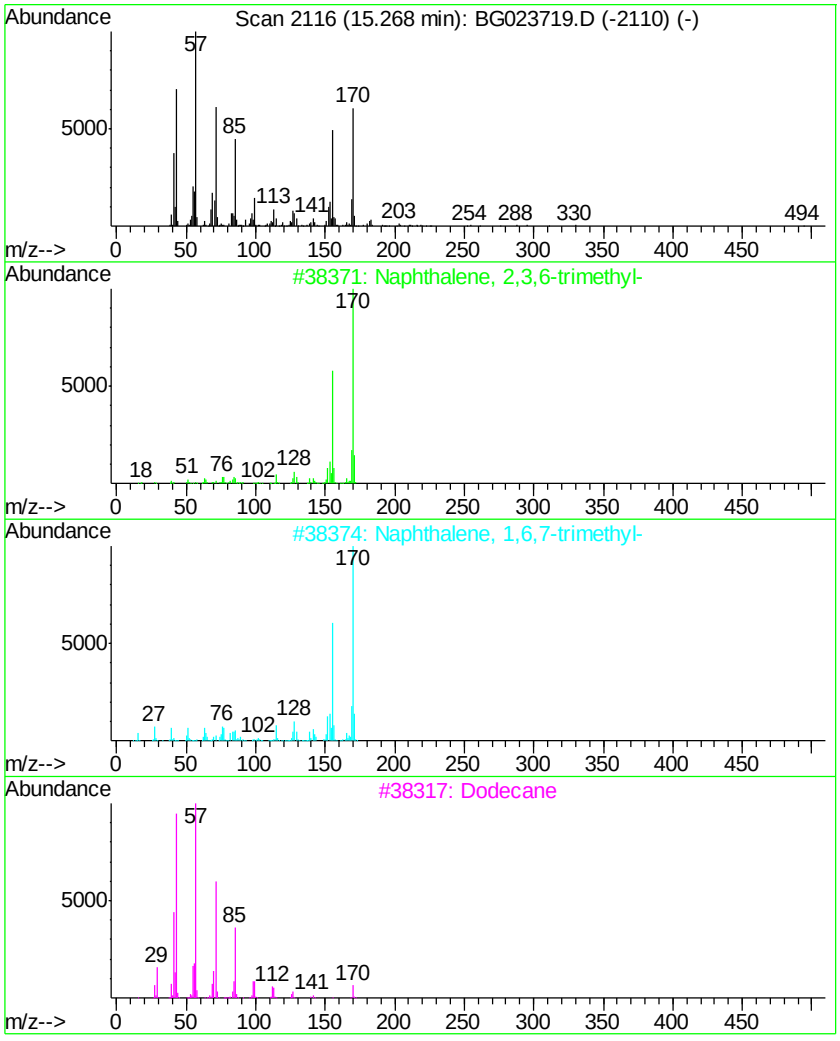
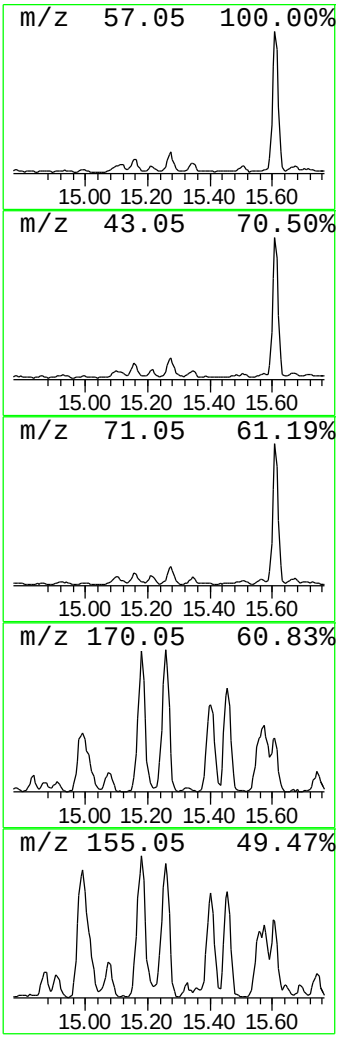
Peak Number 10 Naphthalene, 2,3,6-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.27	9.90 ng	870223	Acenaphthene-d10	14.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	64
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	60
3	Dodecane	170	C12H26	000112-40-3	52
4	Tridecane, 6-propyl-	226	C16H34	055045-10-8	50
5	2-Bromo dodecane	248	C12H25Br	013187-99-0	49





Library Search Compound Report

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Data File : BG023719.D
Acq On : 15 Aug 2016 13:27
Operator : UM/SJ
Sample : H4452-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P-1

Quant Method : Z:\HPCHEM1\BNA_G\Methods\8270-BG080116.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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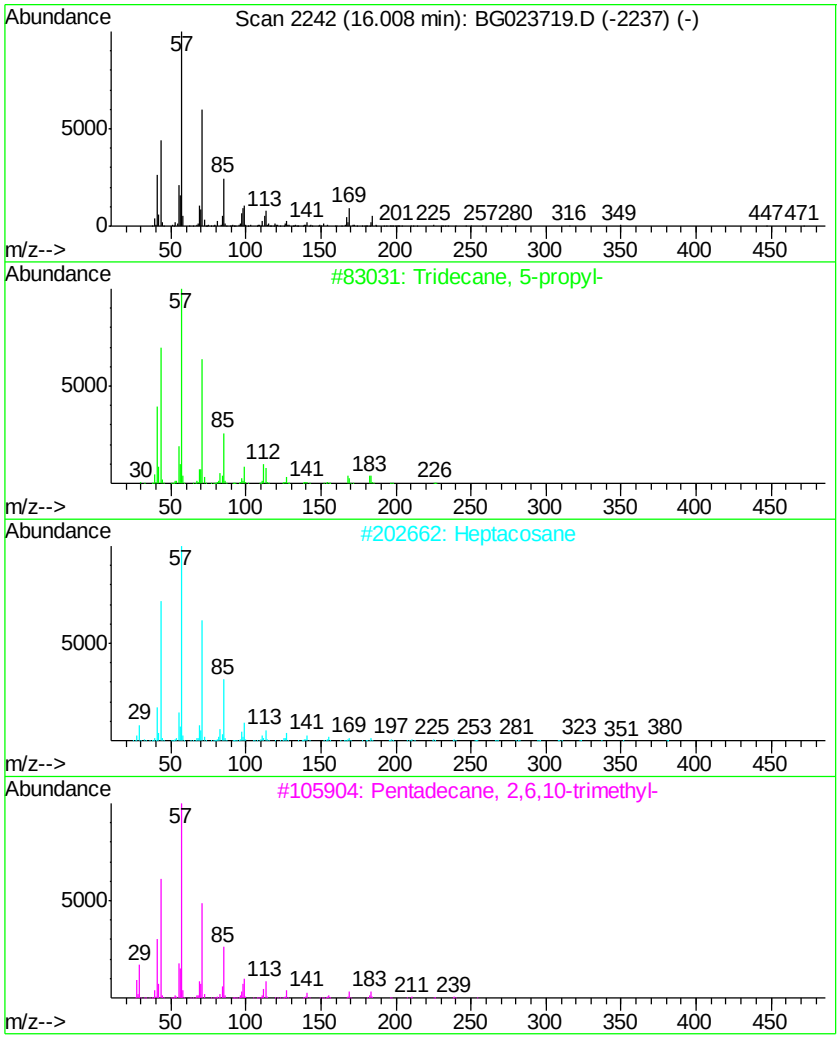
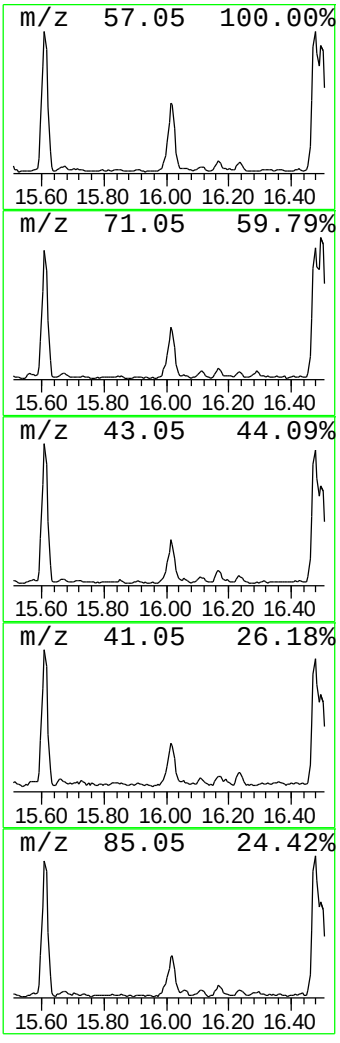
Peak Number 12 Tridecane, 5-propyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.01	14.46 ng	1271900	Acenaphthene-d10	14.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 5-propyl-	226	C16H34	055045-11-9	93
2	Heptacosane	380	C27H56	000593-49-7	86
3	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	83
4	Hexadecane	226	C16H34	000544-76-3	80
5	Tridecane	184	C13H28	000629-50-5	72





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Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P-1

Quant Method : Z:\HPCHEM1\BNA_G\Methods\8270-BG080116.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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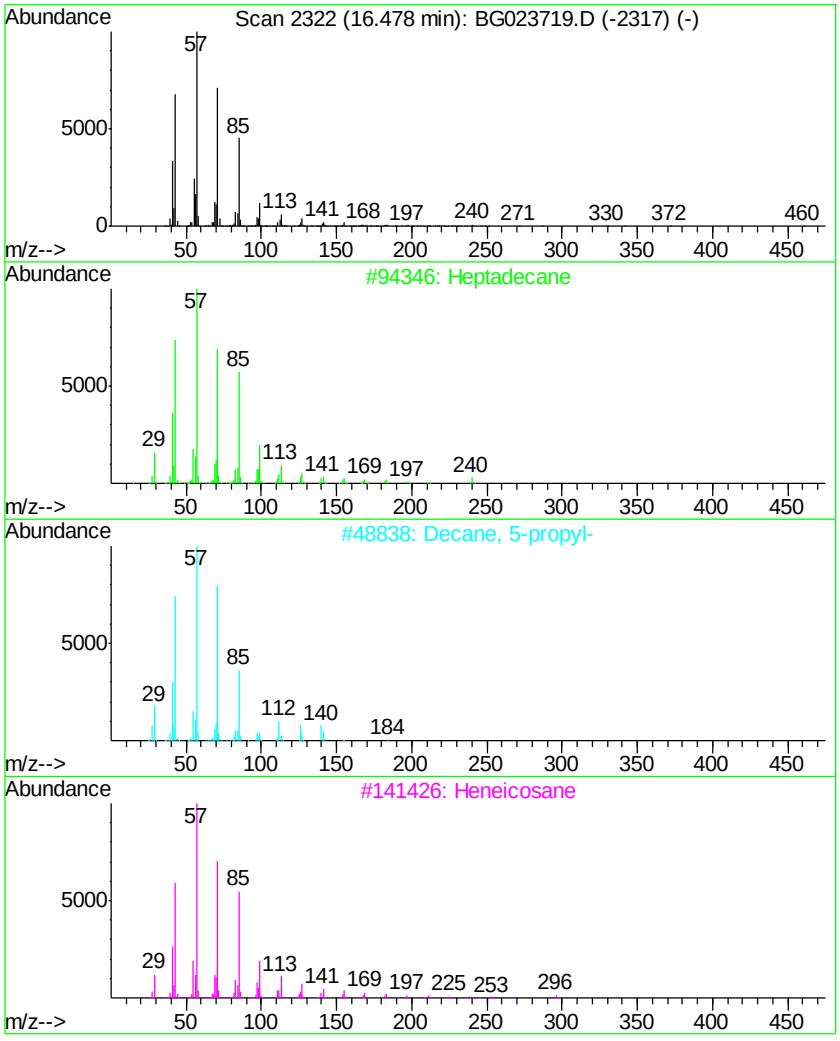
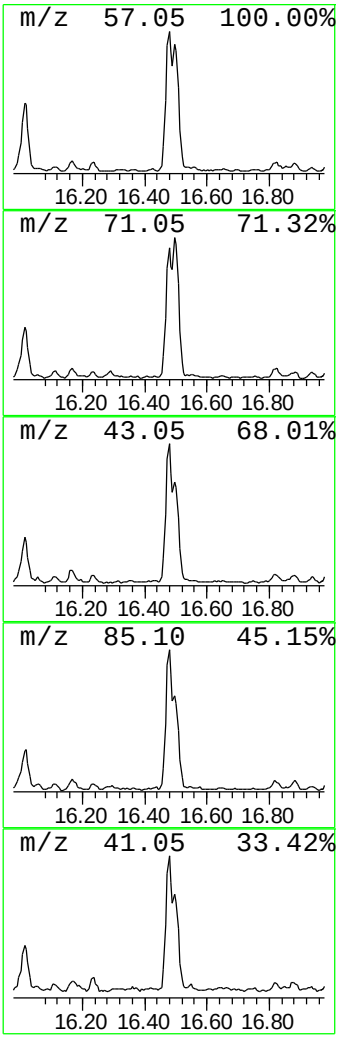
Peak Number 13 Heptadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.48	33.03 ng	2815180	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	96
2	Decane, 5-propyl-	184	C13H28	017312-62-8	90
3	Heneicosane	296	C21H44	000629-94-7	90
4	Hexadecane	226	C16H34	000544-76-3	90
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90





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Acq On : 15 Aug 2016 13:27
Operator : UM/SJ
Sample : H4452-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P-1

Quant Method : Z:\HPCHEM1\BNA_G\Methods\8270-BG080116.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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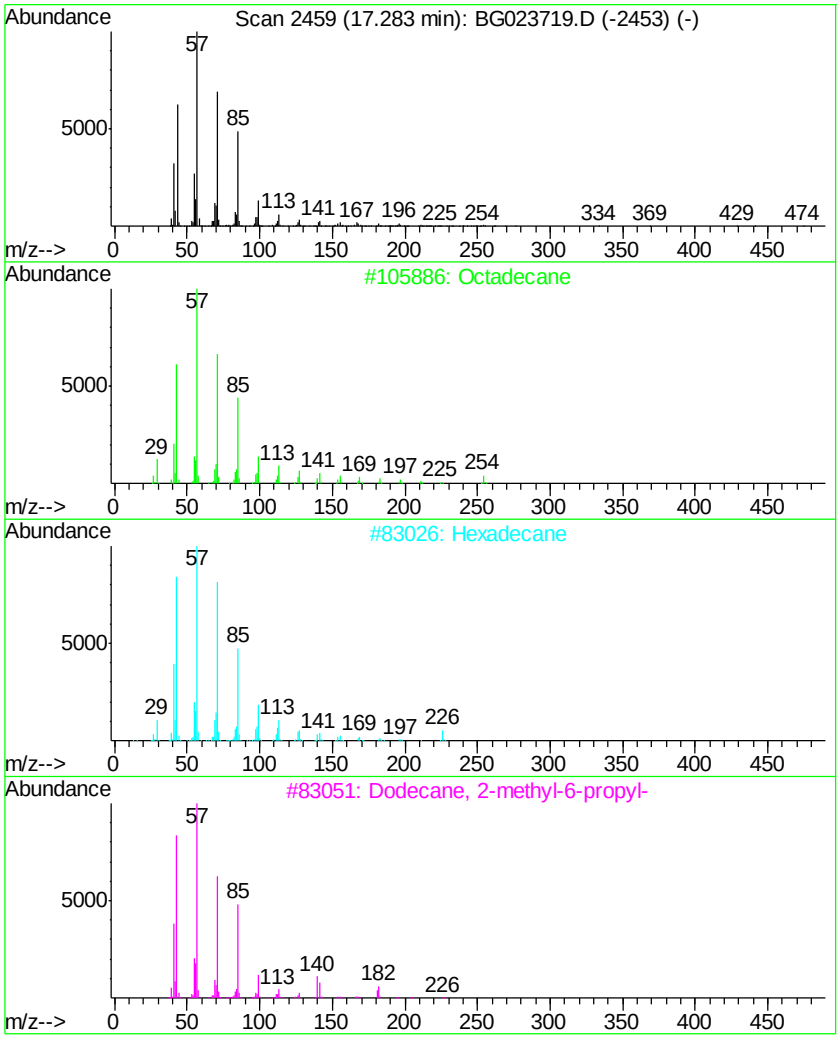
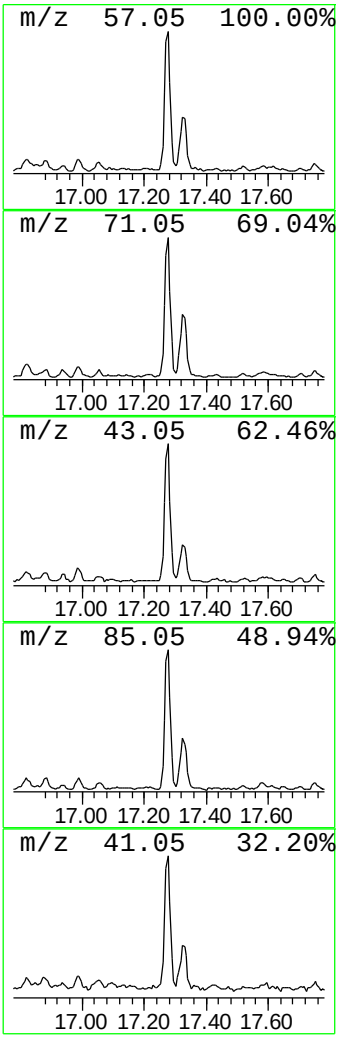
Peak Number 14 Octadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.28	22.02 ng	1876400	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	97
2	Hexadecane	226	C16H34	000544-76-3	94
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	93
4	Heptadecane	240	C17H36	000629-78-7	91
5	Nonadecane	268	C19H40	000629-92-5	90





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Acq On : 15 Aug 2016 13:27
Operator : UM/SJ
Sample : H4452-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P-1

Quant Method : Z:\HPCHEM1\BNA_G\Methods\8270-BG080116.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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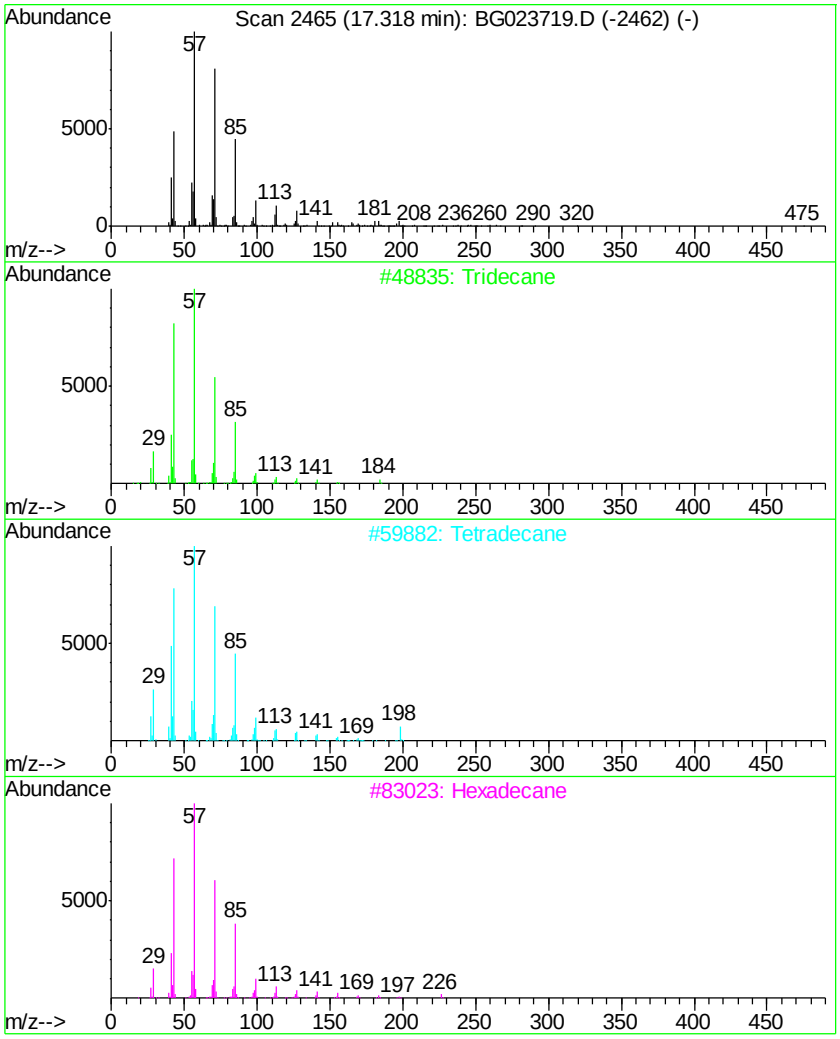
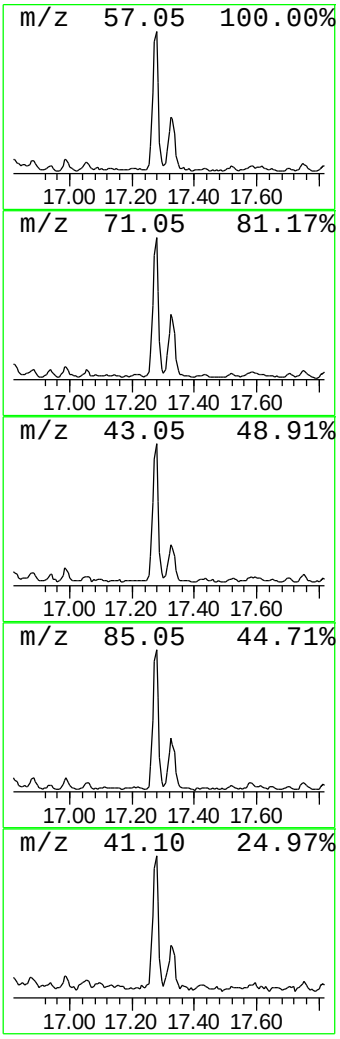
Peak Number 15 Tridecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.32	9.54 ng	812934	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	91
2	Tetradecane	198	C14H30	000629-59-4	90
3	Hexadecane	226	C16H34	000544-76-3	90
4	Heptacosane	380	C27H56	000593-49-7	86
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86





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Acq On : 15 Aug 2016 13:27
Operator : UM/SJ
Sample : H4452-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P-1

Quant Method : Z:\HPCHEM1\BNA_G\Methods\8270-BG080116.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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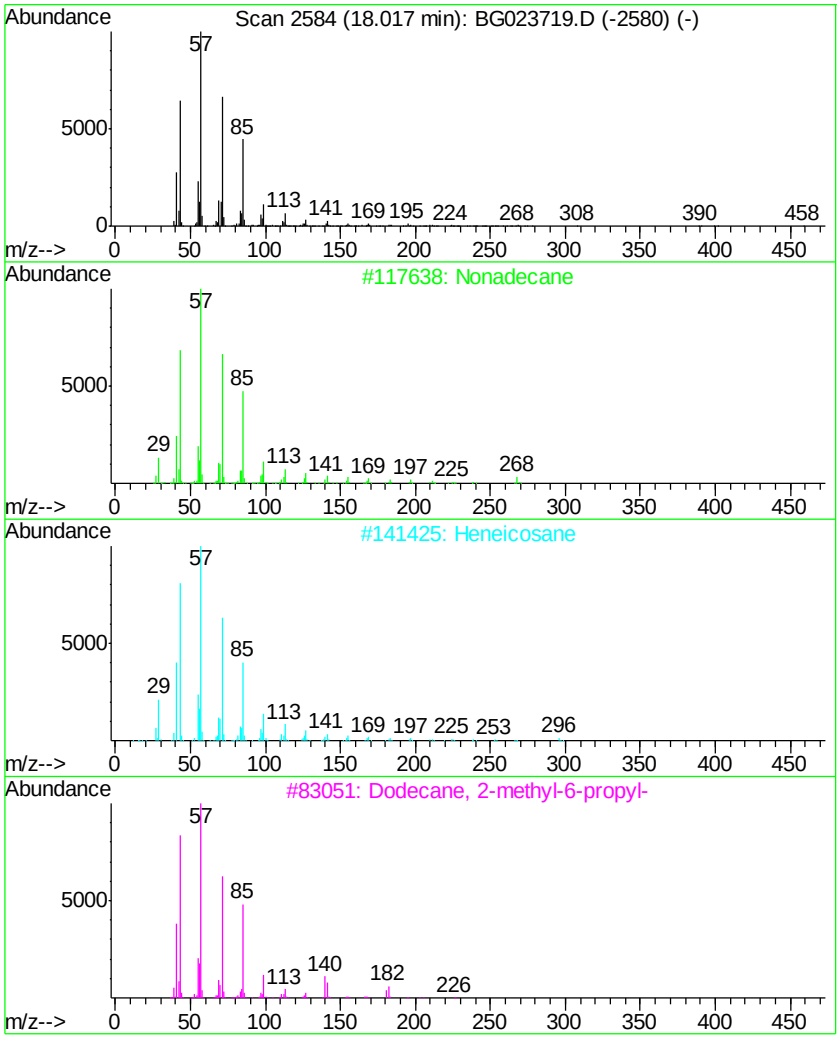
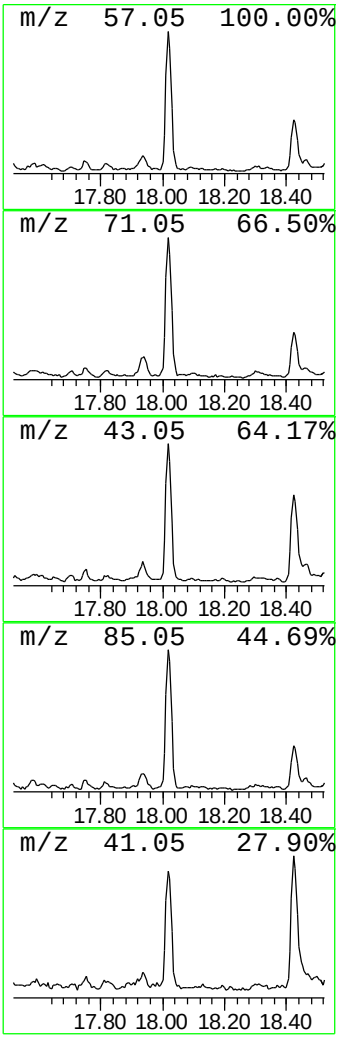
Peak Number 16 Nonadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.02	18.23 ng	1553520	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	97
2	Heneicosane	296	C21H44	000629-94-7	91
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90
4	Tetracosane	338	C24H50	000646-31-1	90
5	Eicosane	282	C20H42	000112-95-8	86





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Acq On : 15 Aug 2016 13:27
Operator : UM/SJ
Sample : H4452-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P-1

Quant Method : Z:\HPCHEM1\BNA_G\Methods\8270-BG080116.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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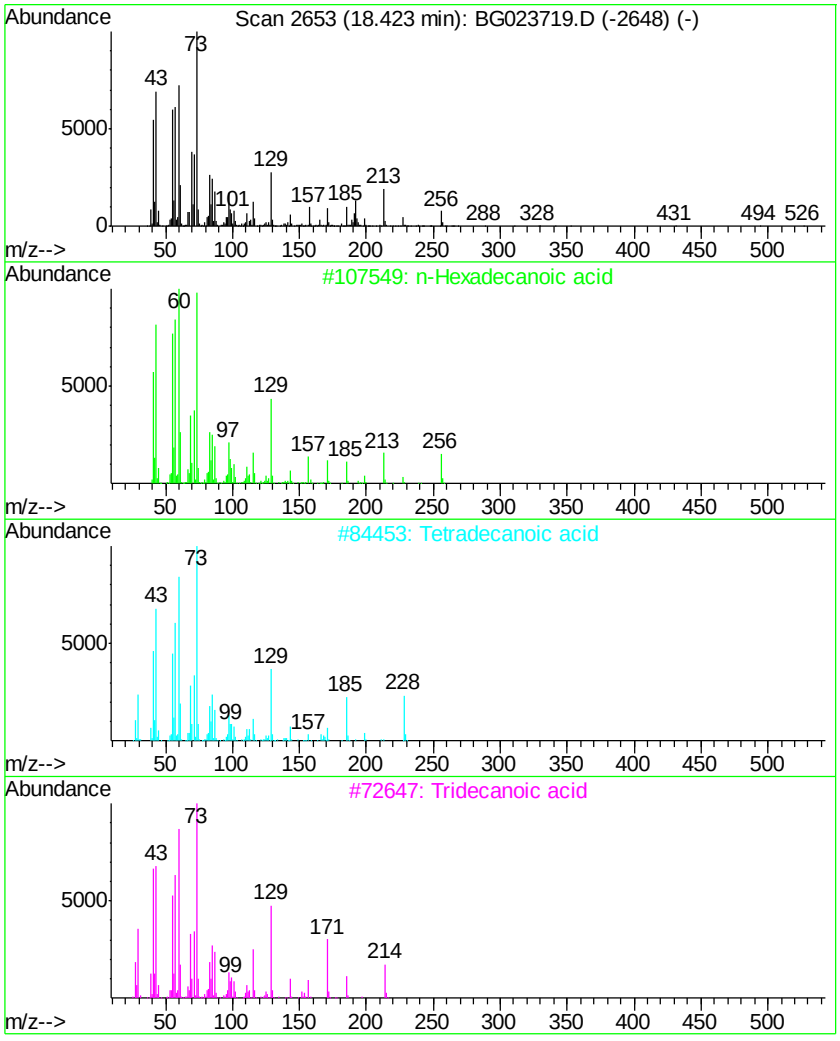
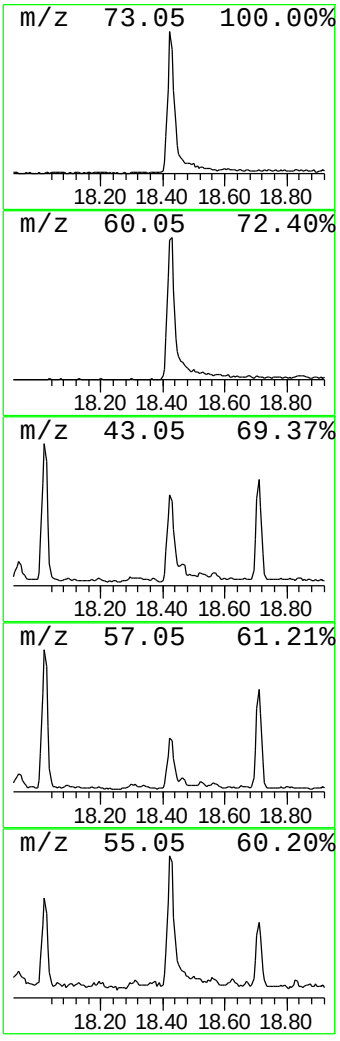
Peak Number 17 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.42	25.95 ng	2211860	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	62
3	Tridecanoic acid	214	C13H26O2	000638-53-9	55
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	50
5	Undecanoic acid	186	C11H22O2	000112-37-8	43





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Data File : BG023719.D
Acq On : 15 Aug 2016 13:27
Operator : UM/SJ
Sample : H4452-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P-1

Quant Method : Z:\HPCHEM1\BNA_G\Methods\8270-BG080116.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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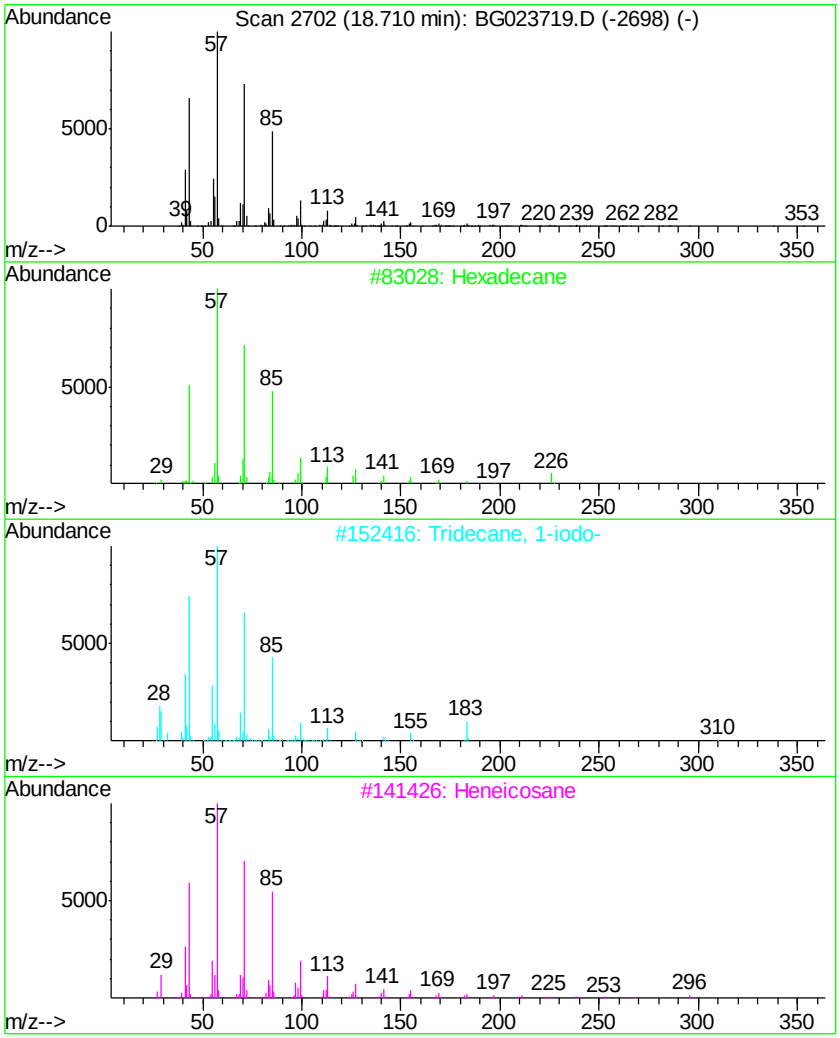
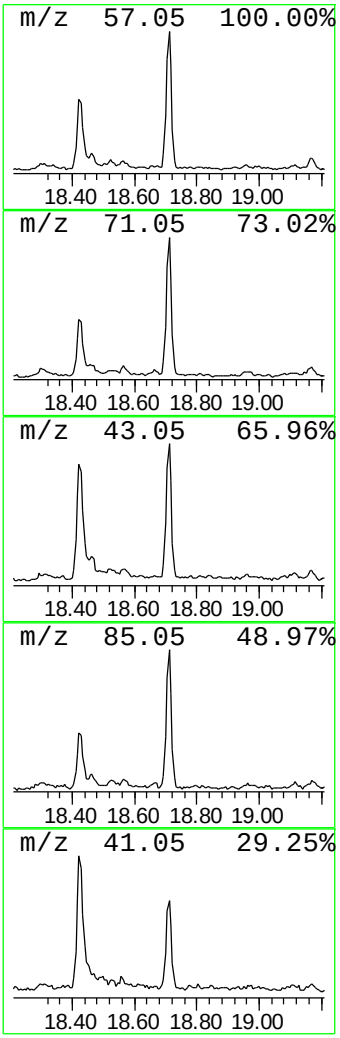
Peak Number 18 Hexadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.71	11.61 ng	989866	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	96
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Nonadecane	268	C19H40	000629-92-5	90
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	87





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Data File : BG023719.D
Acq On : 15 Aug 2016 13:27
Operator : UM/SJ
Sample : H4452-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P-1

Quant Method : Z:\HPCHEM1\BNA_G\Methods\8270-BG080116.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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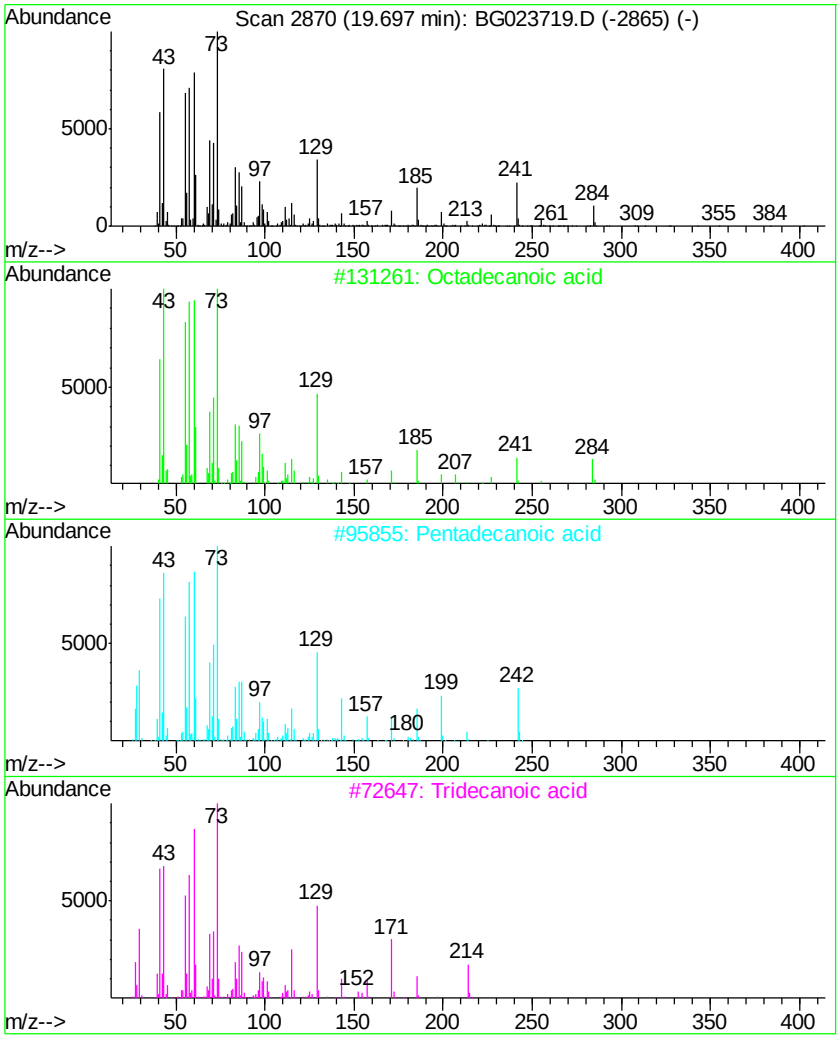
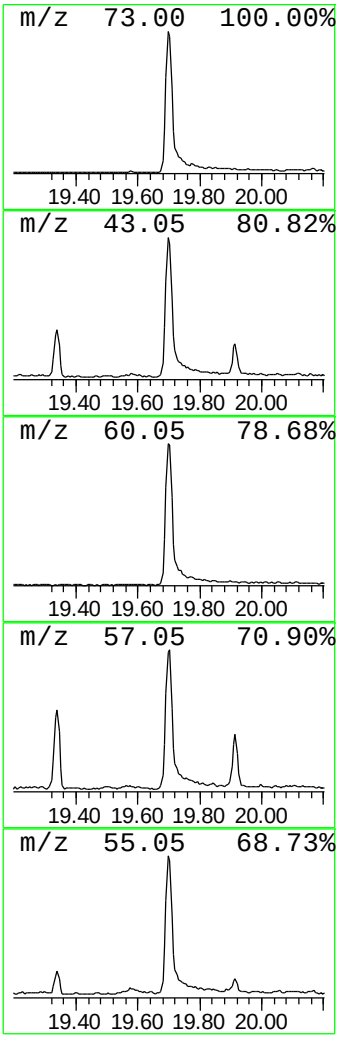
Peak Number 20 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.70	62.22 ng	5302340	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3	Tridecanoic acid	214	C13H26O2	000638-53-9	89
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
5	Hexadecane	226	C16H34	000544-76-3	25





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081516\
Data File : BG023719.D
Acq On : 15 Aug 2016 13:27
Operator : UM/SJ
Sample : H4452-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P-1

Quant Method : Z:\HPCHEM1\BNA_G\Methods\8270-BG080116.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
unknown2.98	2.98	241.7	ng	10784300	1	8.12	892465	20.0
2-Pentanone, 4-hy...	5.18	24.5	ng	1093340	1	8.12	892465	20.0
unknown7.65	7.65	101.5	ng	4527920	1	8.12	892465	20.0
Decane, 2,3,5-tri...	13.58	22.1	ng	1939070	3	14.79	1758610	20.0
Naphthalene, 2,3-...	14.10	8.7	ng	762344	3	14.79	1758610	20.0
Pentadecane	14.66	24.5	ng	2150640	3	14.79	1758610	20.0
Naphthalene, 1,6,...	15.18	7.4	ng	654076	3	14.79	1758610	20.0
Naphthalene, 2,3,...	15.27	9.9	ng	870223	3	14.79	1758610	20.0
Tridecane, 5-propyl-	16.01	14.5	ng	1271900	3	14.79	1758610	20.0
Heptadecane	16.48	33.0	ng	2815180	4	17.55	1704490	20.0
Octadecane	17.28	22.0	ng	1876400	4	17.55	1704490	20.0
Tridecane	17.32	9.5	ng	812934	4	17.55	1704490	20.0
Nonadecane	18.02	18.2	ng	1553520	4	17.55	1704490	20.0
n-Hexadecanoic acid	18.42	25.9	ng	2211860	4	17.55	1704490	20.0
Hexadecane	18.71	11.6	ng	989866	4	17.55	1704490	20.0
Octadecanoic acid	19.70	62.2	ng	5302340	4	17.55	1704490	20.0