LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041018\
Data File : BG033723.D
Acq On : 10 Apr 2018 21:10
Operator : SJ/JU
Sample : J2247-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CG-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-BG031918.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	3.479	25	32	42	rBV	140977	310176	7.39%	0.974%
2	3.567	42	47	63	rVB	143915	249142	5.94%	0.782%
3	5.770	416	422	432	rBV2	26119	49138	1.17%	0.154%
4	6.281	502	509	526	rBV	231678	504541	12.03%	1.584%
5	7.967	790	796	808	rBV2	127357	314379	7.49%	0.987%
6	8.367	856	864	880	rBV	529716	1098443	26.19%	3.449%
7	8.855	940	947	956	rBV	105791	251339	5.99%	0.789%
8	9.190	996	1004	1022	rBV	632024	1220124	29.09%	3.831%
9	9.806	1103	1109	1115	rBV6	25442	60458	1.44%	0.190%
10	10.059	1143	1152	1176	rBV	489496	1104818	26.34%	3.469%
11	11.739	1429	1438	1448	rBV	168592	370100	8.82%	1.162%
12	13.913	1802	1808	1813	rBV5	29148	59700	1.42%	0.187%
13	14.101	1829	1840	1849	rBV	1593406	2627397	62.64%	8.250%
14	14.248	1860	1865	1872	rVB	66548	103413	2.47%	0.325%
15	14.765	1945	1953	1957	rBV8	25462	52292	1.25%	0.164%
16	14.889	1967	1974	1978	rBV2	75232	127063	3.03%	0.399%
17	15.194	2019	2026	2030	rBV5	28362	60357	1.44%	0.190%
18	15.300	2038	2044	2052	rBV	236573	334543	7.98%	1.050%
19	15.470	2067	2073	2082	rVB2	336219	575334	13.72%	1.807%
20	15.741	2113	2119	2124	rBV7	31904	81279	1.94%	0.255%
21	15.788	2124	2127	2132	rVB2	36369	47694	1.14%	0.150%
22	15.846	2132	2137	2142	rVB	59926	79970	1.91%	0.251%
23	15.905	2143	2147	2151	rBV2	71136	104948	2.50%	0.330%
24	15.976	2156	2159	2163	rVB3	43106	56453	1.35%	0.177%
25	16.240	2198	2204	2209	rBV	503766	694053	16.55%	2.179%
26	16.640	2265	2272	2276	rBV	230238	437400	10.43%	1.373%
27	16.675	2276	2278	2284	rVB5	37668	54041	1.29%	0.170%
28	16.734	2284	2288	2294	rBV3	52865	88258	2.10%	0.277%
29	16.786	2294	2297	2300	rBV	78623	113372	2.70%	0.356%
30	16.857	2305	2309	2317	rVB3	78197	133013	3.17%	0.418%
31	16.945	2318	2324	2335	rBV	1123260	1915311	45.66%	6.014%
32	17.092	2344	2349	2352	rBV	921563	1446658	34.49%	4.542%
33	17.433	2403	2407	2410	rBV3	94359	154440	3.68%	0.485%
34	17.550	2424	2427	2430	rVB3	77627	85909	2.05%	0.270%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041018\
Data File : BG033723.D
Acq On : 10 Apr 2018 21:10
Operator : SJ/JU
Sample : J2247-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CG-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-BG031918.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	17.597	2431	2435	2439	rBV	106408	141690	3.38%	0.445%
36	17.662	2443	2446	2451	rBV	122186	157663	3.76%	0.495%
37	17.715	2452	2455	2458	rBV4	38025	46114	1.10%	0.145%
38	17.879	2478	2483	2488	rBV	1177521	1496155	35.67%	4.698%
39	17.932	2488	2492	2497	rVB	470920	668283	15.93%	2.098%
40	18.202	2531	2538	2544	rBV2	449195	888630	21.19%	2.790%
41	18.302	2553	2555	2559	rVB3	79065	90345	2.15%	0.284%
42	18.355	2560	2564	2571	rBV2	121114	188607	4.50%	0.592%
43	18.414	2571	2574	2582	rBV4	115637	220007	5.25%	0.691%
44	18.531	2591	2594	2599	rVB2	117499	154563	3.68%	0.485%
45	18.614	2603	2608	2614	rBV	1322410	1587879	37.86%	4.986%
46	18.884	2651	2654	2656	rBV2	90377	118028	2.81%	0.371%
47	19.002	2671	2674	2678	rBV2	150698	176619	4.21%	0.555%
48	19.043	2678	2681	2685	rVB	116326	122984	2.93%	0.386%
49	19.278	2717	2721	2727	rBV	1104489	1387975	33.09%	4.358%
50	19.524	2760	2763	2768	rBV2	147310	207922	4.96%	0.653%
51	19.724	2793	2797	2801	rBV	158568	252273	6.01%	0.792%
52	19.889	2821	2825	2830	rBV	880018	1071248	25.54%	3.364%
53	20.371	2903	2907	2911	rVB	297991	380327	9.07%	1.194%
54	20.453	2916	2921	2925	rVV	585962	698748	16.66%	2.194%
55	20.723	2962	2967	2974	rBV	2924305	4194559	100.00%	13.171%
56	20.970	3005	3009	3014	rVB	358435	410875	9.80%	1.290%
57	21.499	3096	3099	3103	rVB	190884	222863	5.31%	0.700%
58	22.063	3191	3195	3211	rVB	183246	392255	9.35%	1.232%
59	22.544	3272	3277	3285	rVB2	427197	812407	19.37%	2.551%
60	26.311	3909	3918	3930	rVB2	237810	793320	18.91%	2.491%

Sum of corrected areas: 31847895

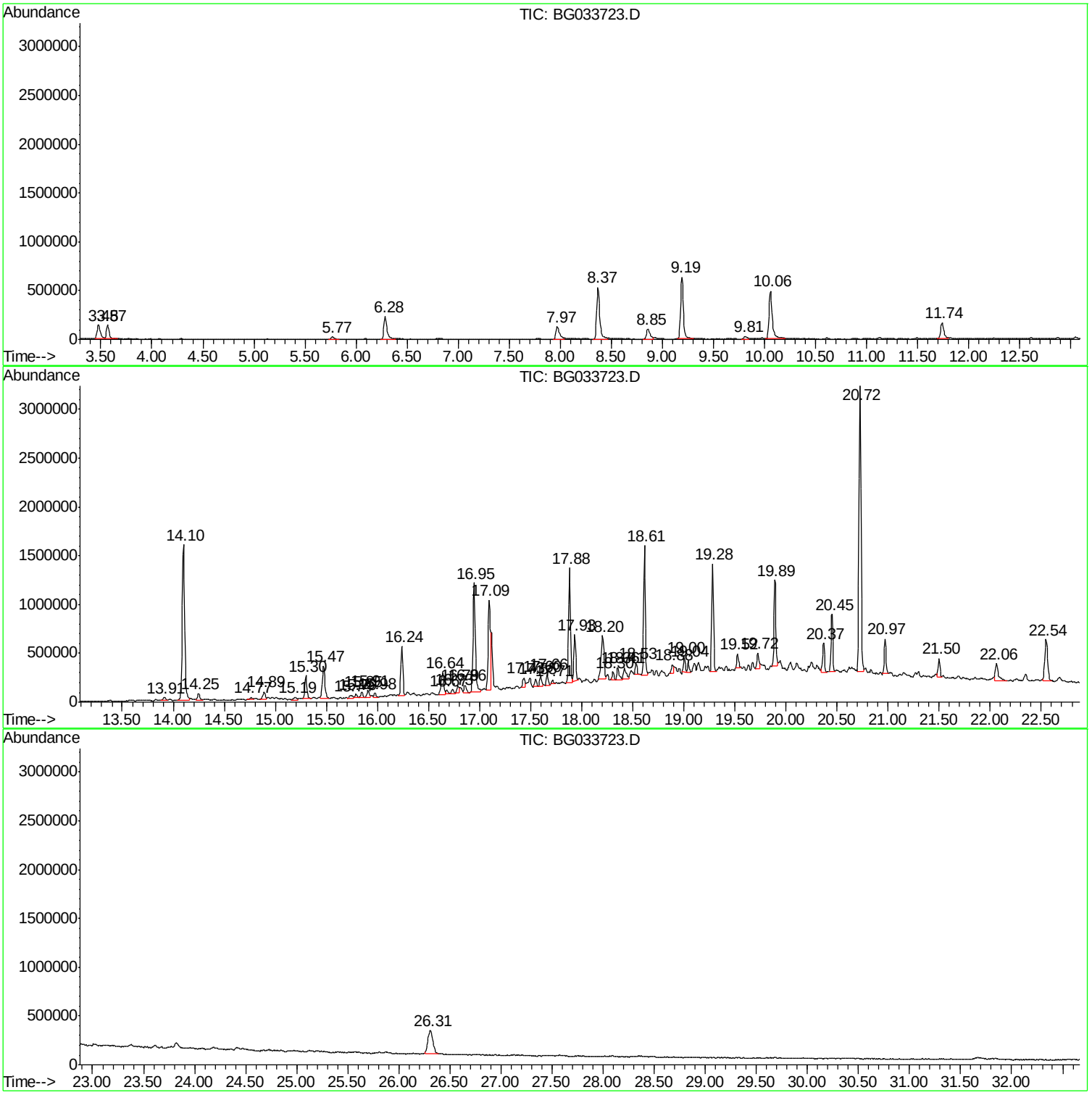
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041018\
Data File : BG033723.D
Acq On : 10 Apr 2018 21:10
Operator : SJ/JU
Sample : J2247-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CG-1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.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\BG041018\
Data File : BG033723.D
Acq On : 10 Apr 2018 21:10
Operator : SJ/JU
Sample : J2247-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CG-1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

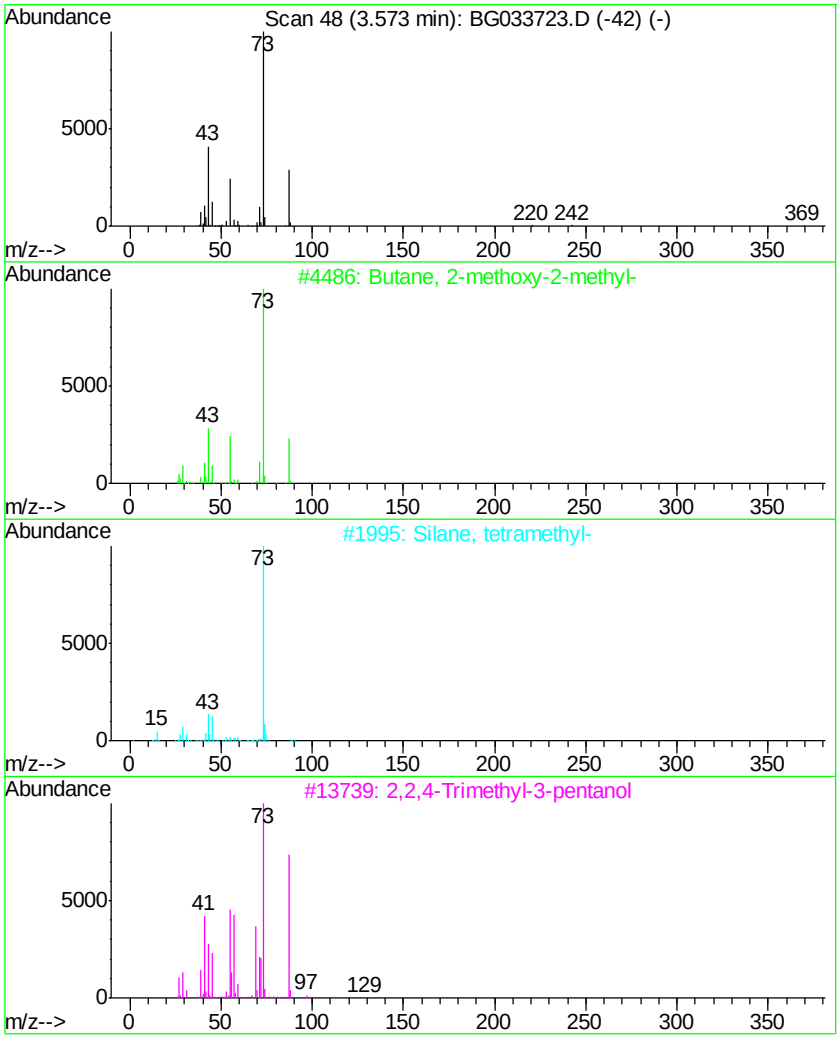
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

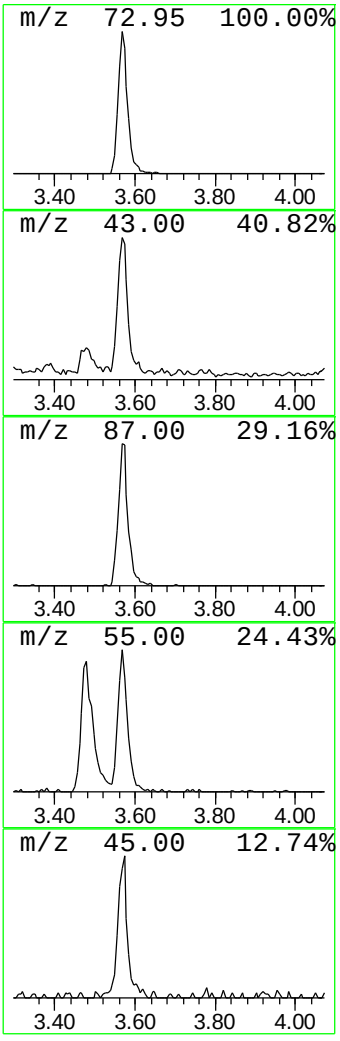
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.57	19.83 ng	249142	1,4-Dichlorobenzene-d4	8.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Silane, tetramethyl-	88	C4H12Si	000075-76-3	43
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4	2,5-Dimethyl-4-hydroxy-3-hexanone	144	C8H16O2	000815-77-0	37
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG041018\
Data File : BG033723.D
Acq On : 10 Apr 2018 21:10
Operator : SJ/JU
Sample : J2247-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CG-1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.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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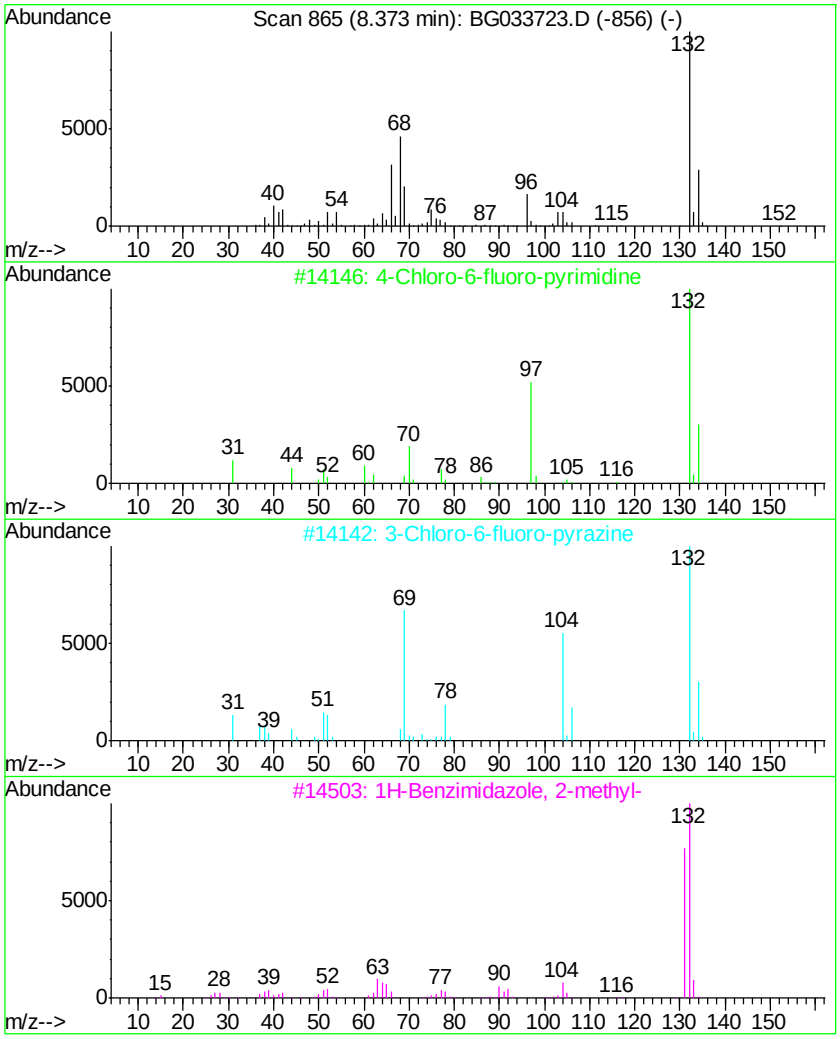
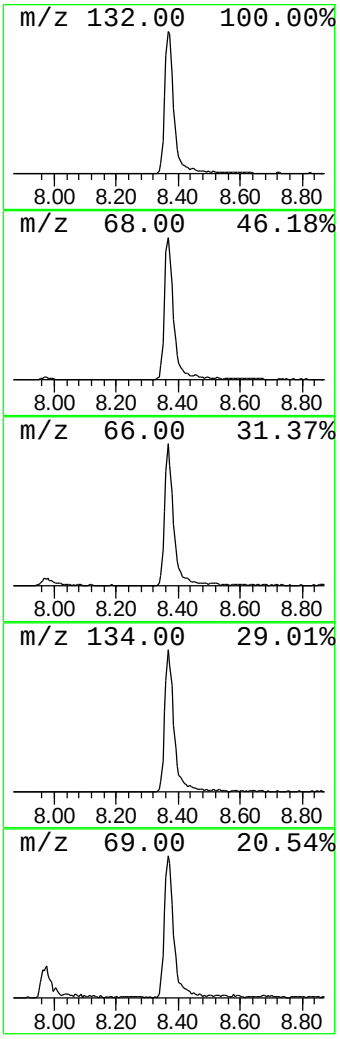
Peak Number 3 unknown8.37 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.37	87.41 ng	1098440	1,4-Dichlorobenzene-d4	8.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	25
4	2,5-Dihydro-3-methyl-thiophene 1...	132	C5H8O2S	001193-10-8	17
5	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	17





Data Path : Z:\HPCHEM1\BNA G\DATA\BG041018\
Data File : BG033723.D
Acq On : 10 Apr 2018 21:10
Operator : SJ/JU
Sample : J2247-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CG-1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.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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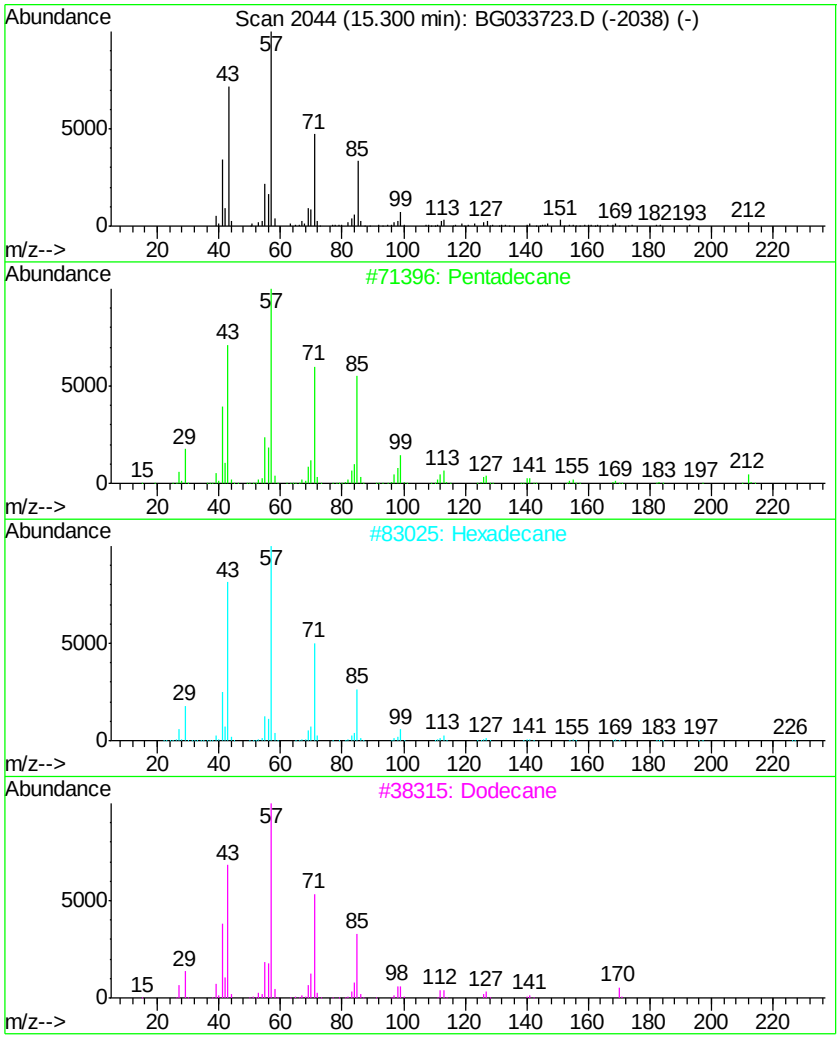
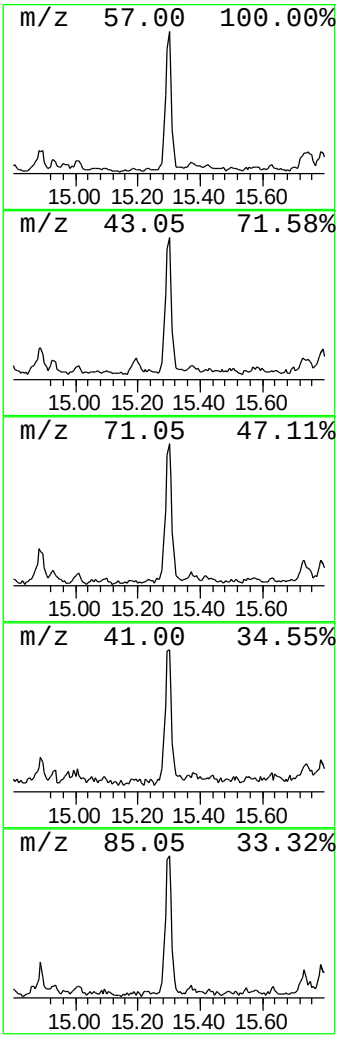
Peak Number 5 Pentadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.30	11.63 ng	334543	Acenaphthene-d10	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	90
2	Hexadecane	226	C16H34	000544-76-3	90
3	Dodecane	170	C12H26	000112-40-3	80
4	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	80
5	Nonadecane	268	C19H40	000629-92-5	72





Data Path : Z:\HPCHEM1\BNA G\DATA\BG041018\
Data File : BG033723.D
Acq On : 10 Apr 2018 21:10
Operator : SJ/JU
Sample : J2247-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CG-1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.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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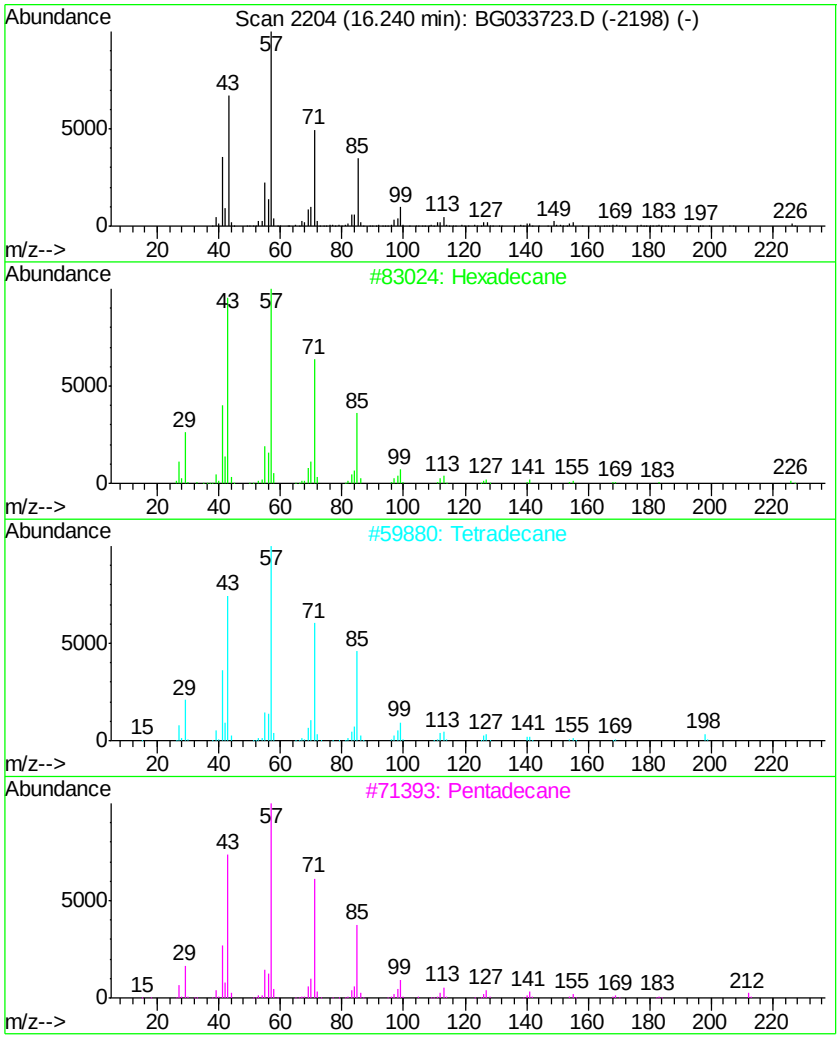
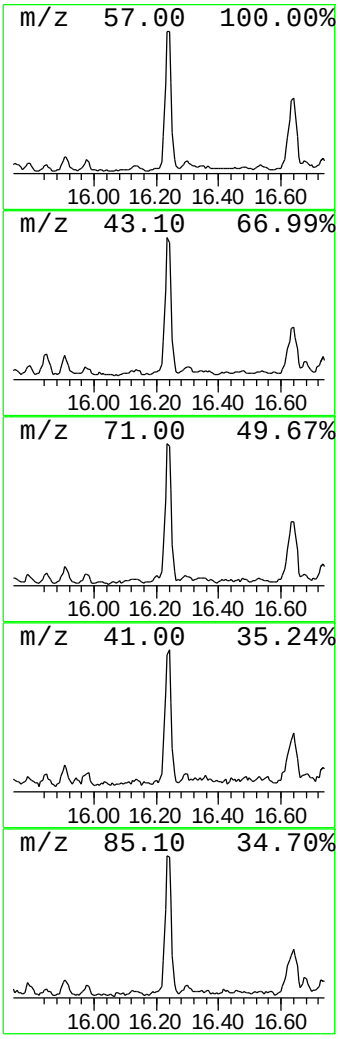
Peak Number 6 Hexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.24	24.13 ng	694053	Acenaphthene-d10	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	97
2	Tetradecane	198	C14H30	000629-59-4	90
3	Pentadecane	212	C15H32	000629-62-9	90
4	Tridecane	184	C13H28	000629-50-5	87
5	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	86





Data Path : Z:\HPCHEM1\BNA G\DATA\BG041018\
Data File : BG033723.D
Acq On : 10 Apr 2018 21:10
Operator : SJ/JU
Sample : J2247-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CG-1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.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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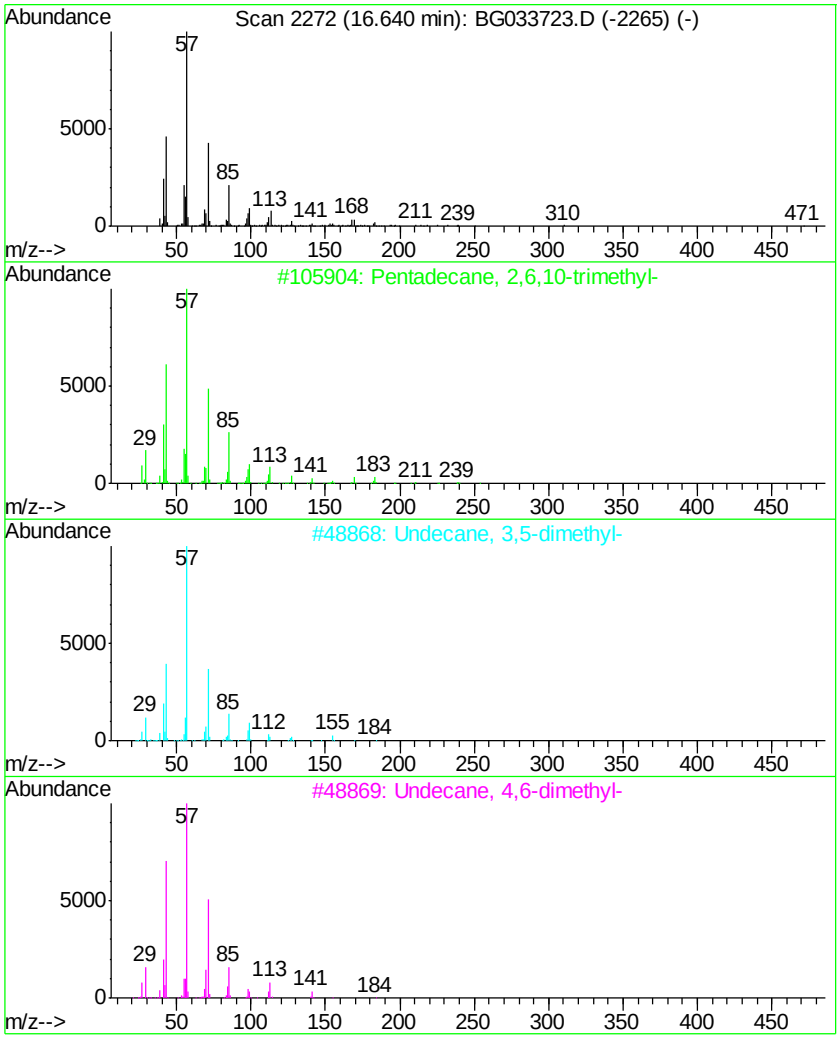
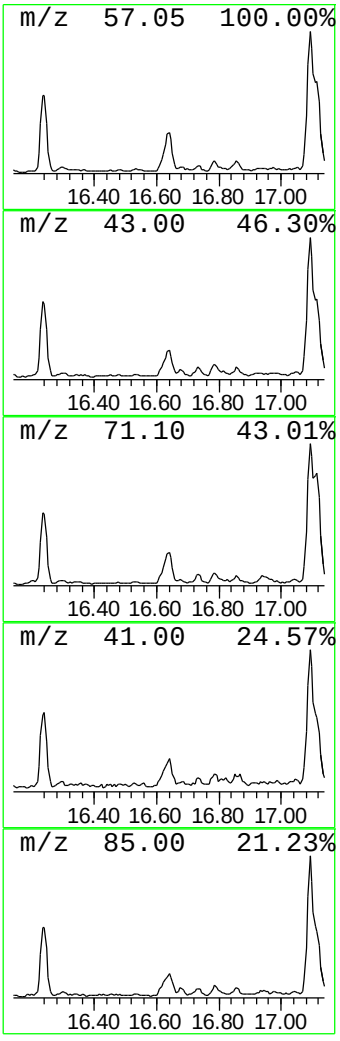
Peak Number 7 Pentadecane, 2,6,10-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.64	15.21 ng	437400	Acenaphthene-d10	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	86
2	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	76
3	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	68
4	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	64
5	Heptacosane	380	C27H56	000593-49-7	59





Data Path : Z:\HPCHEM1\BNA G\DATA\BG041018\
Data File : BG033723.D
Acq On : 10 Apr 2018 21:10
Operator : SJ/JU
Sample : J2247-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CG-1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.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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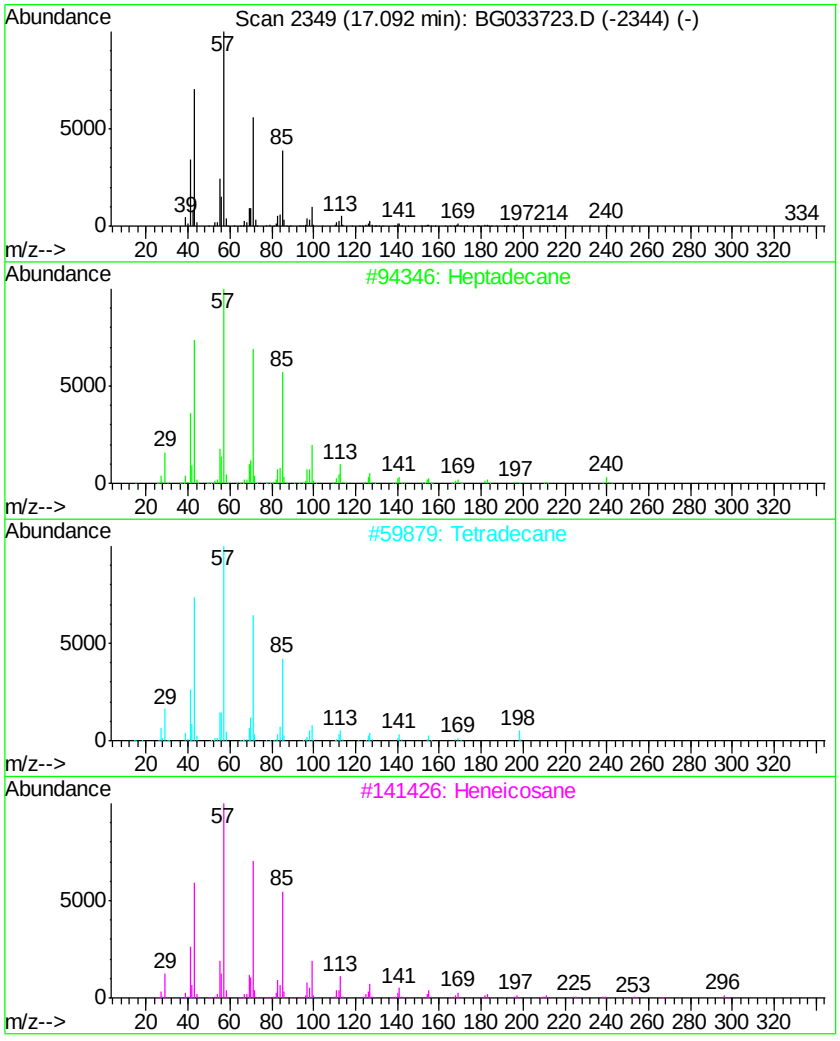
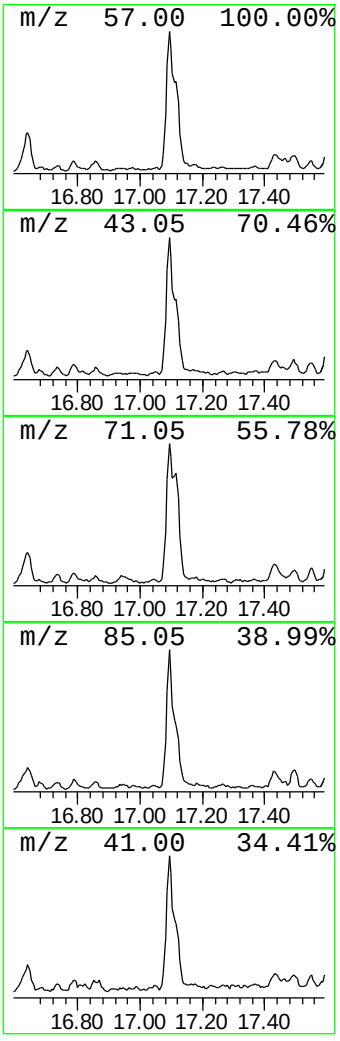
Peak Number 8 Heptadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.09	32.56 ng	1446660	Phenanthrene-d10	18.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	95
2	Tetradecane	198	C14H30	000629-59-4	94
3	Heneicosane	296	C21H44	000629-94-7	90
4	Nonadecane	268	C19H40	000629-92-5	87
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80





Data Path : Z:\HPCHEM1\BNA G\DATA\BG041018\
Data File : BG033723.D
Acq On : 10 Apr 2018 21:10
Operator : SJ/JU
Sample : J2247-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CG-1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.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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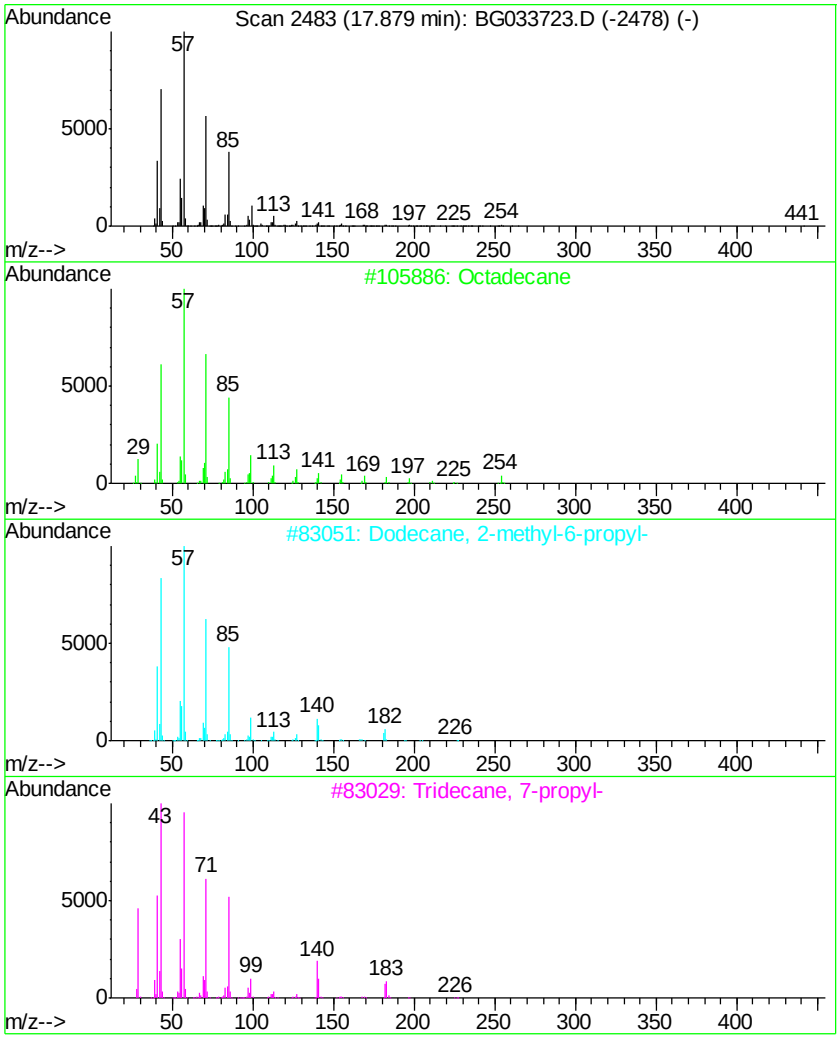
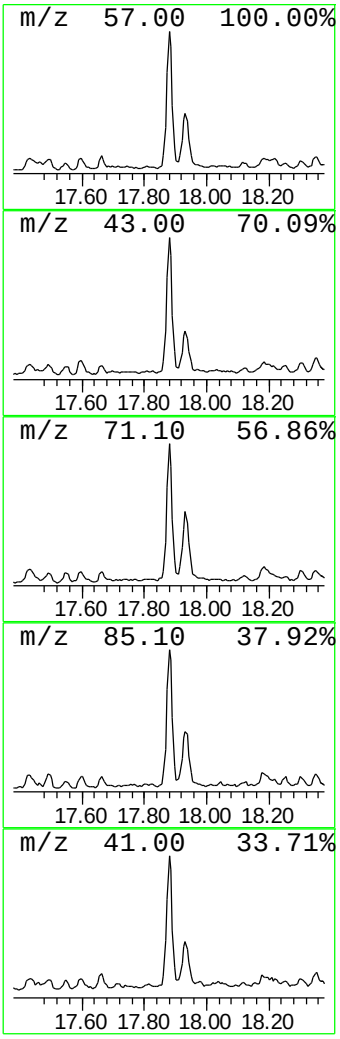
Peak Number 9 Octadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.88	33.67 ng	1496160	Phenanthrene-d10	18.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	95
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	91
3	Tridecane, 7-propyl-	226	C16H34	055045-09-5	91
4	Tetracosane	338	C24H50	000646-31-1	90
5	Hexadecane	226	C16H34	000544-76-3	90





Data Path : Z:\HPCHEM1\BNA G\DATA\BG041018\
Data File : BG033723.D
Acq On : 10 Apr 2018 21:10
Operator : SJ/JU
Sample : J2247-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CG-1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.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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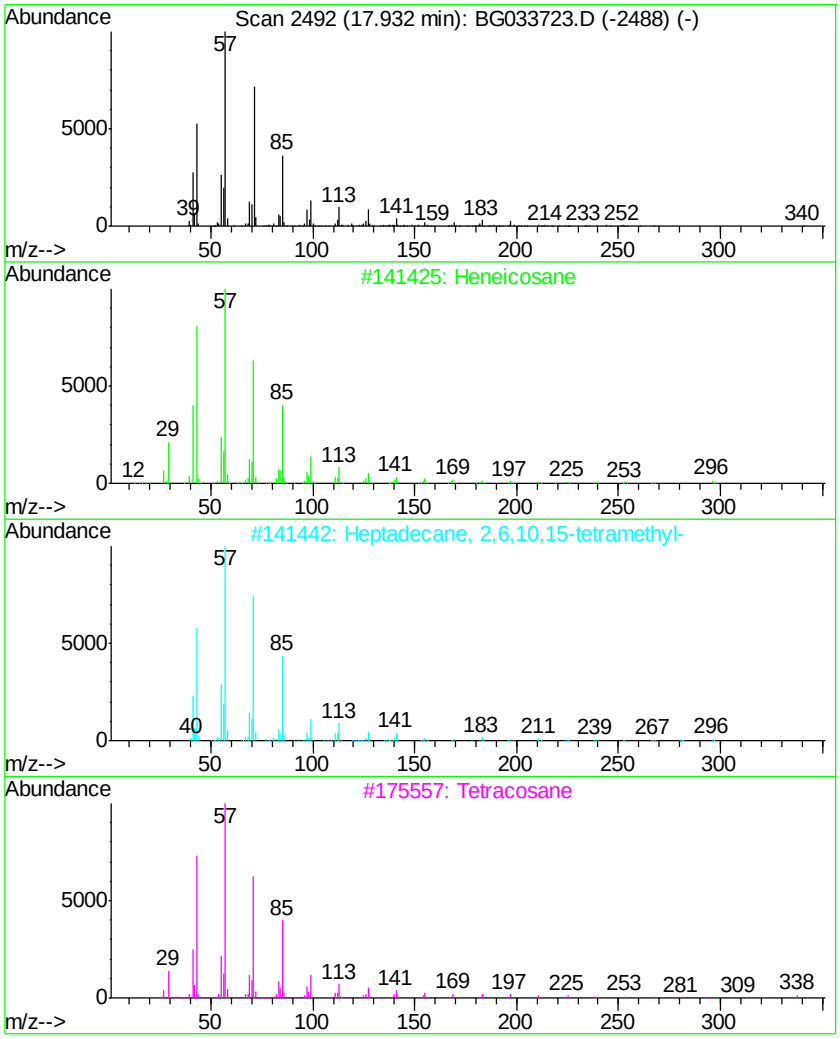
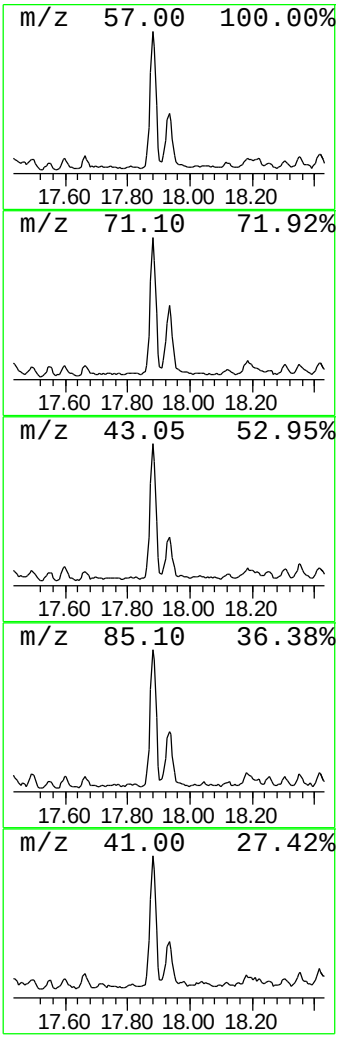
Peak Number 10 Heneicosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.93	15.04 ng	668283	Phenanthrene-d10	18.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
3	Tetracosane	338	C24H50	000646-31-1	87
4	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	87
5	Octacosane	394	C28H58	000630-02-4	87





Data Path : Z:\HPCHEM1\BNA G\DATA\BG041018\
Data File : BG033723.D
Acq On : 10 Apr 2018 21:10
Operator : SJ/JU
Sample : J2247-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CG-1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

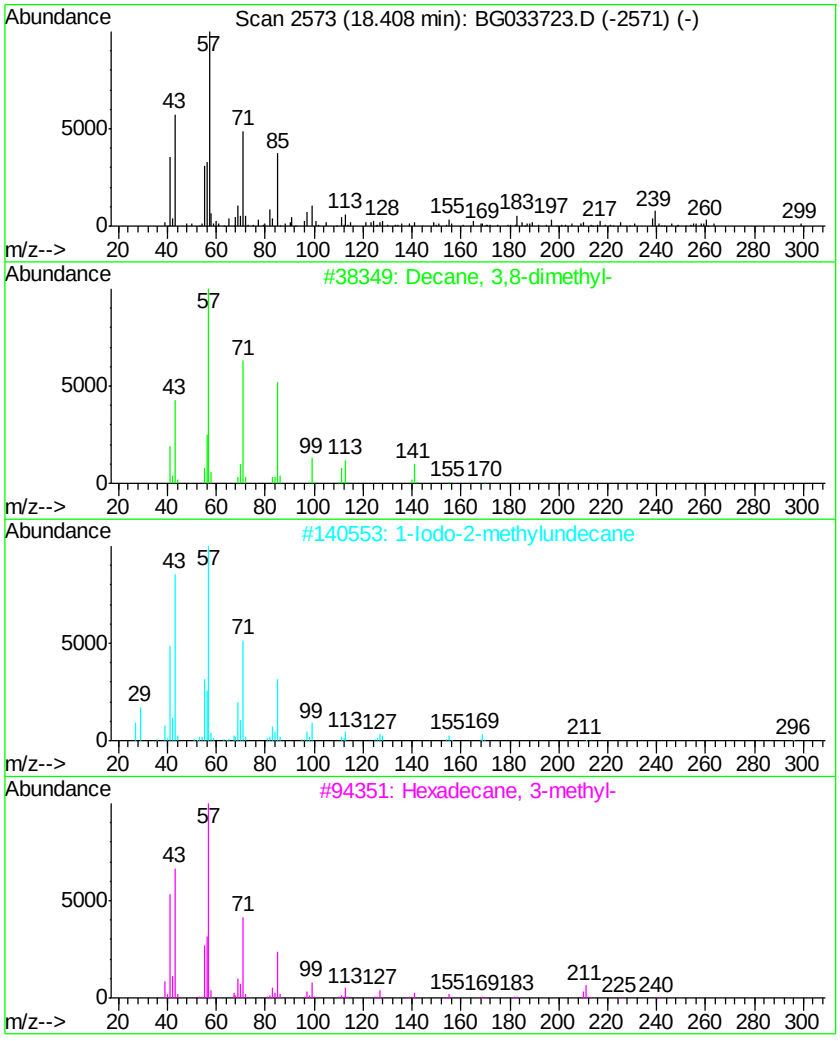
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

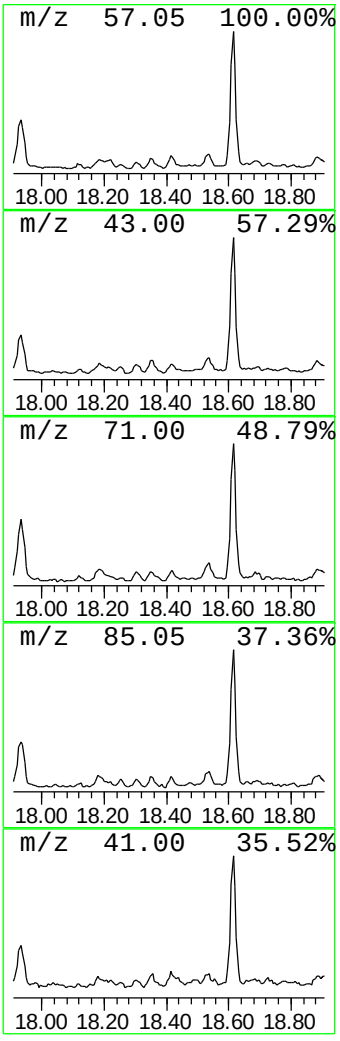
****

Peak Number 11 Decane, 3,8-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.41	4.95 ng	220007	Phenanthrene-d10	18.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	90
2	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	78
3	Hexadecane, 3-methyl-	240	C17H36	006418-43-5	76
4	Undecane, 2-methyl-	170	C12H26	007045-71-8	72
5	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	52





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Data File : BG033723.D
Acq On : 10 Apr 2018 21:10
Operator : SJ/JU
Sample : J2247-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CG-1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

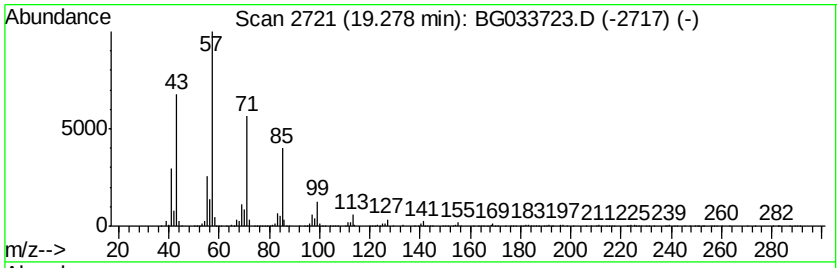
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

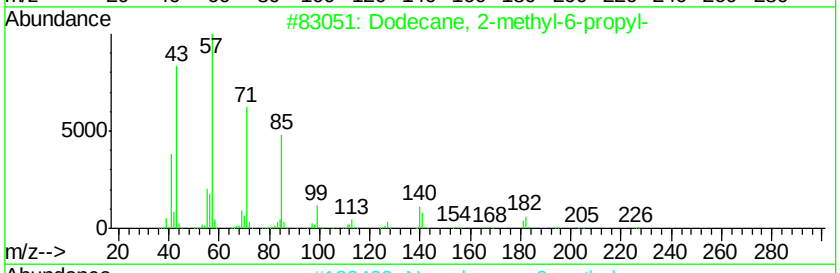
****

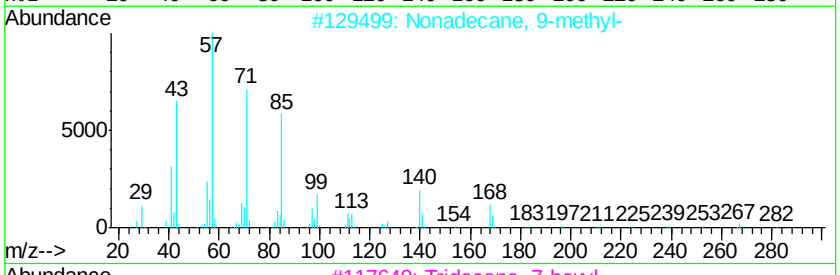
Peak Number 13 Dodecane, 2-methyl-6-propyl- Concentration Rank 6

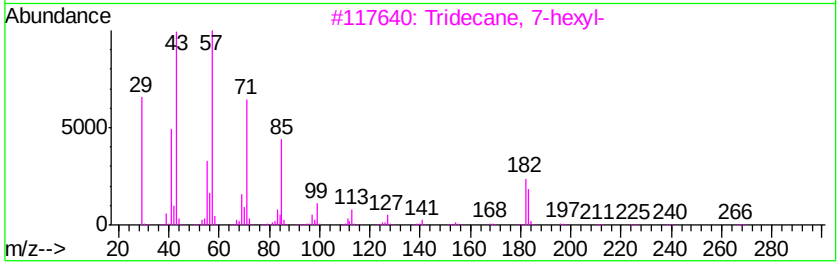
R.T.	EstConc	Area	Relative to ISTD	R.T.
19.28	31.24 ng	1387980	Phenanthrene-d10	18.20

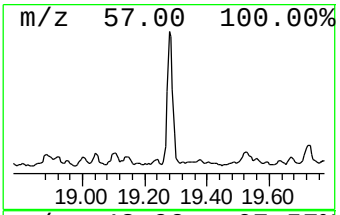
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	94
2	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	93
3	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	91
4	Nonadecane	268	C19H40	000629-92-5	90
5	Heneicosane	296	C21H44	000629-94-7	90

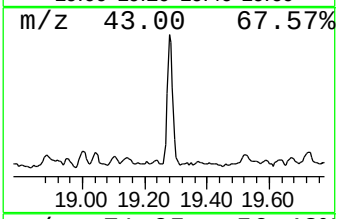


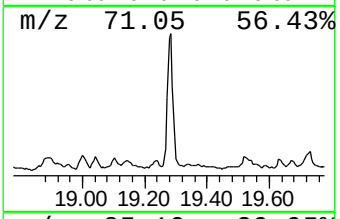


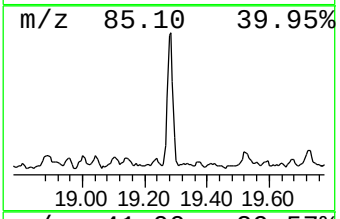


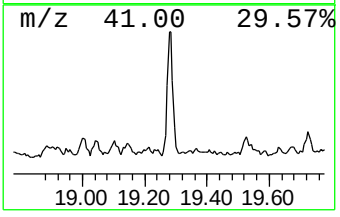












Data Path : Z:\HPCHEM1\BNA G\DATA\BG041018\
Data File : BG033723.D
Acq On : 10 Apr 2018 21:10
Operator : SJ/JU
Sample : J2247-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CG-1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

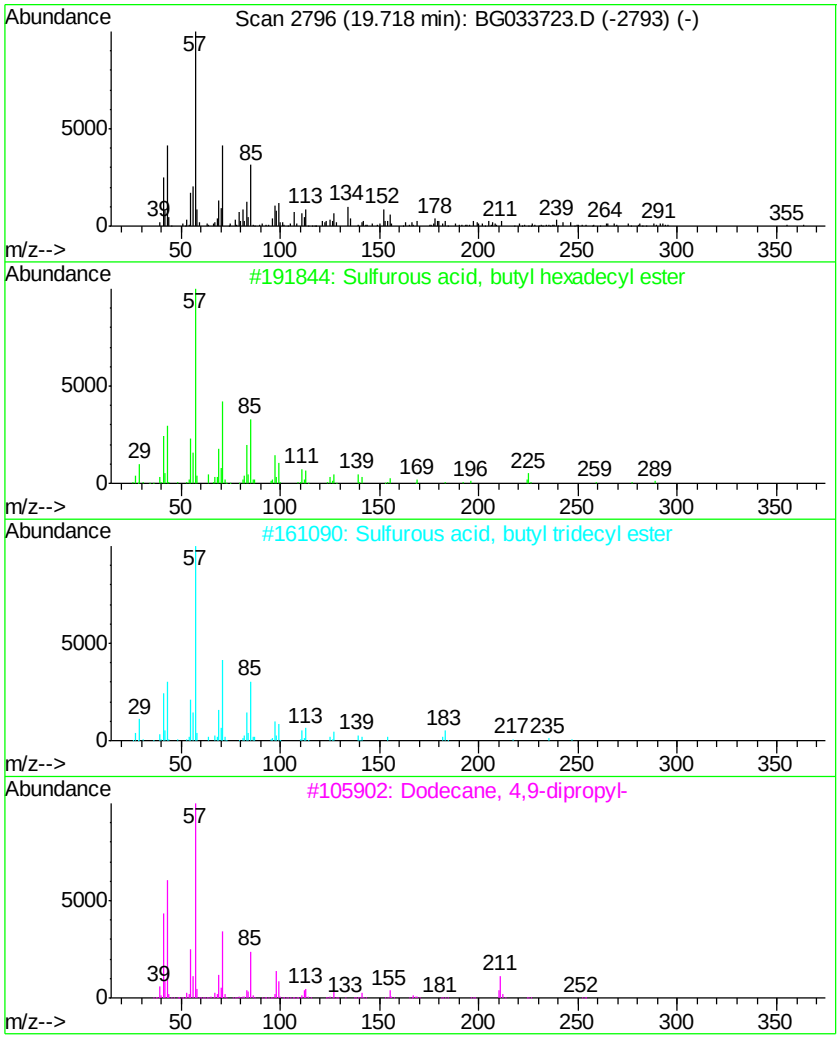
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

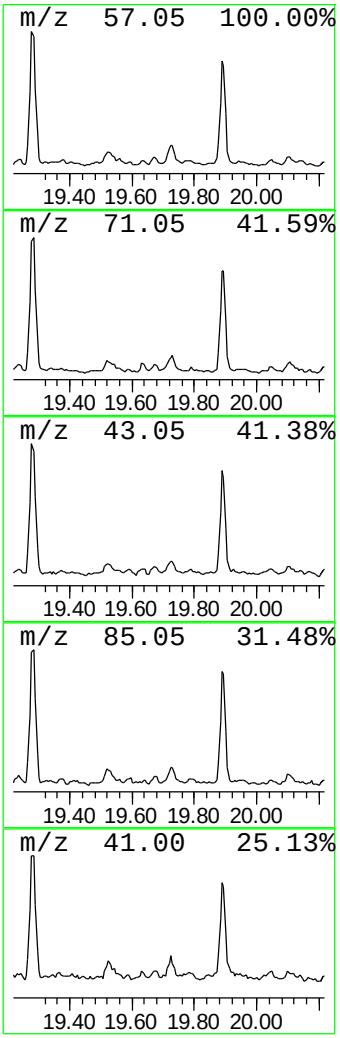
****

Peak Number 14 Sulfurous acid, butyl hexad... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.72	5.68 ng	252273	Phenanthrene-d10	18.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, butyl hexadecyl ...	362	C20H42O3S	1000309-18-3	64
2	Sulfurous acid, butyl tridecyl e...	320	C17H36O3S	1000309-18-0	59
3	Dodecane, 4,9-dipropyl-	254	C18H38	003054-63-5	59
4	Tetratetracontane	619	C44H90	007098-22-8	58
5	Nonane, 3-methyl-	142	C10H22	005911-04-6	52





Data Path : Z:\HPCHEM1\BNA G\DATA\BG041018\
Data File : BG033723.D
Acq On : 10 Apr 2018 21:10
Operator : SJ/JU
Sample : J2247-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CG-1

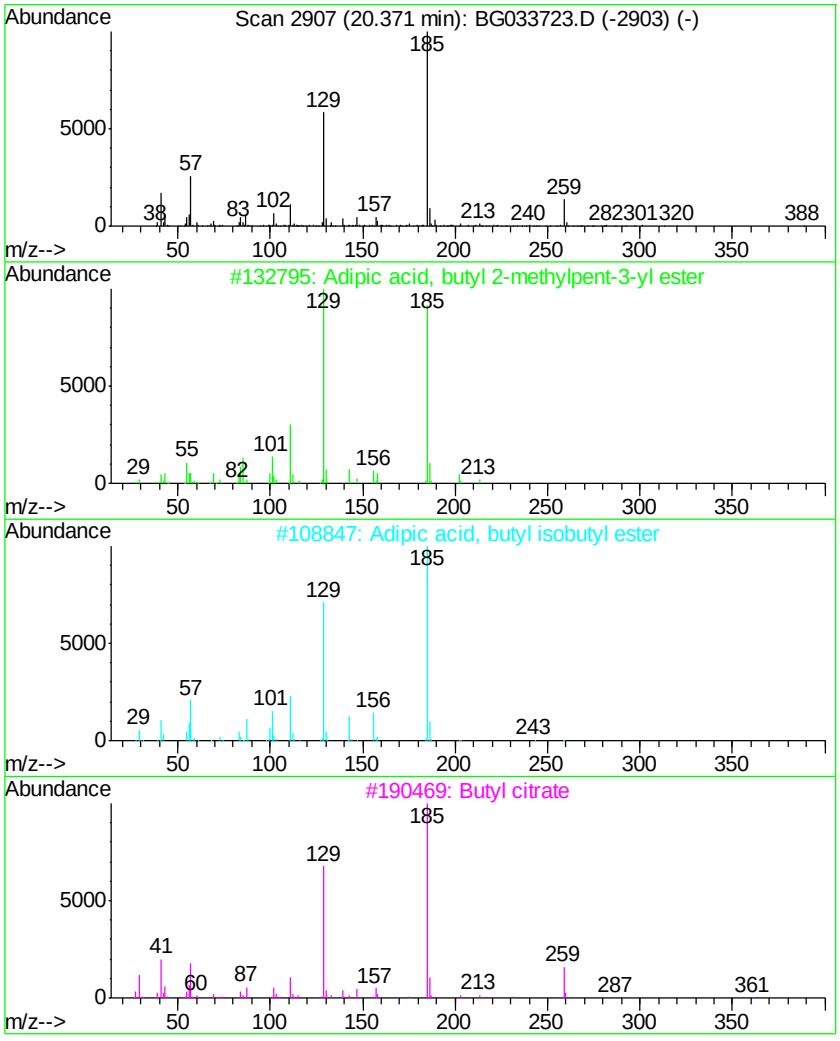
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

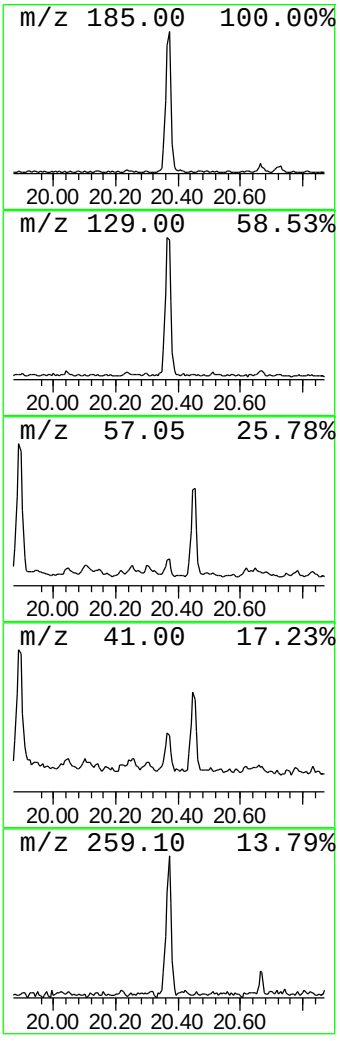
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Adipic acid, butyl 2-methyl... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.37	8.56 ng	380327	Phenanthrene-d10	18.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Adipic acid, butyl 2-methylpent-...	286	C16H30O4	1000353-55-8	72
2	Adipic acid, butyl isobutyl ester	258	C14H26O4	1000324-09-3	72
3	Butyl citrate	360	C18H32O7	000077-94-1	68
4	Adipic acid, 4-bromophenyl butyl...	356	C16H21BrO4	1000324-37-9	64
5	Adipic acid, butyl 2-hexyl ester	286	C16H30O4	1000353-71-0	56





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Data File : BG033723.D
Acq On : 10 Apr 2018 21:10
Operator : SJ/JU
Sample : J2247-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CG-1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

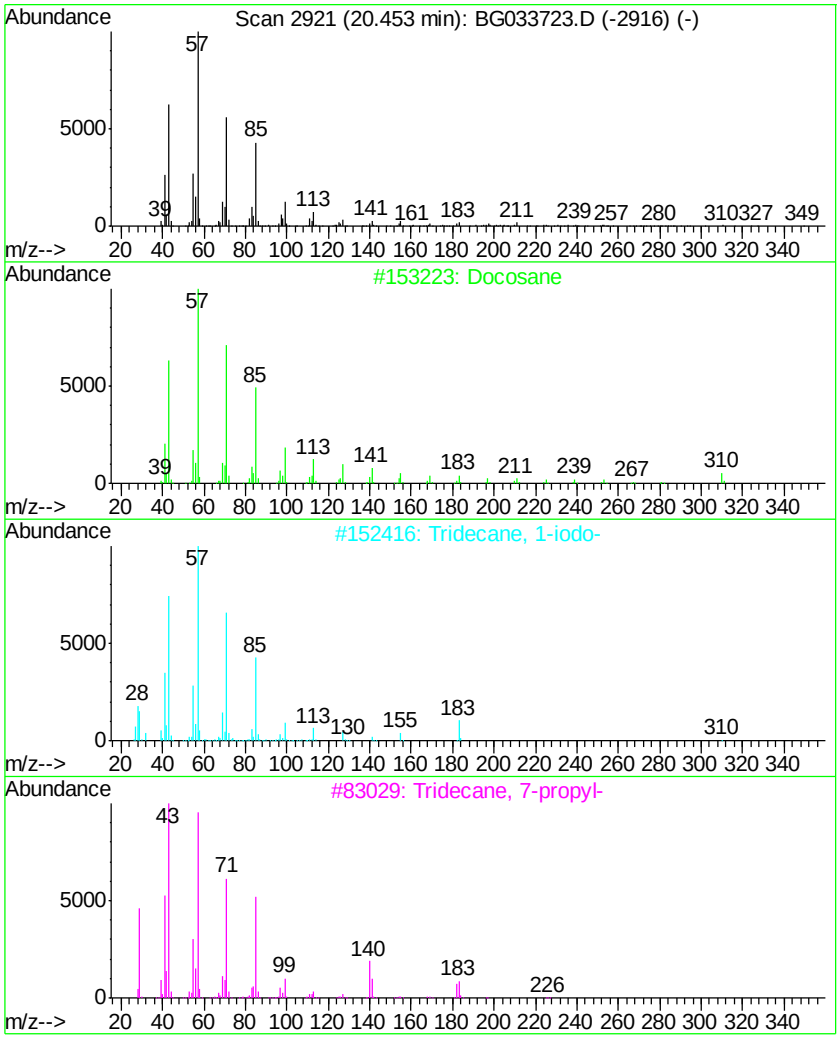
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

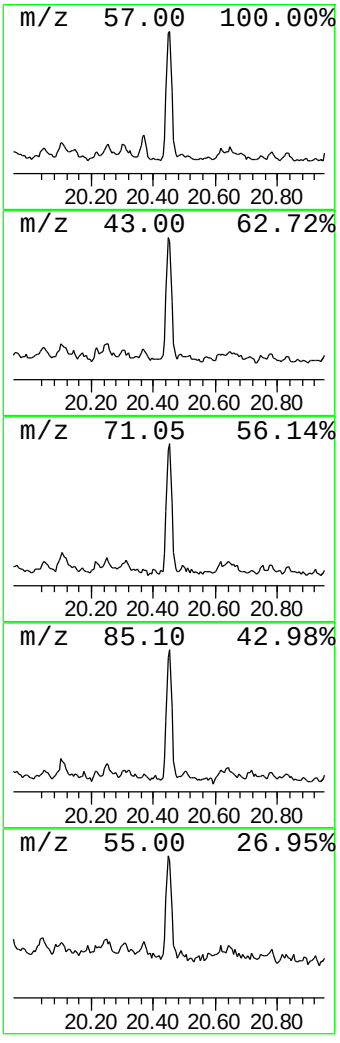
****

Peak Number 17 Docosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.45	17.20 ng	698748	Chrysene-d12	22.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	93
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	93
3	Tridecane, 7-propyl-	226	C16H34	055045-09-5	91
4	Hexacosane	366	C26H54	000630-01-3	91
5	Octacosane	394	C28H58	000630-02-4	87





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Data File : BG033723.D
Acq On : 10 Apr 2018 21:10
Operator : SJ/JU
Sample : J2247-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CG-1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.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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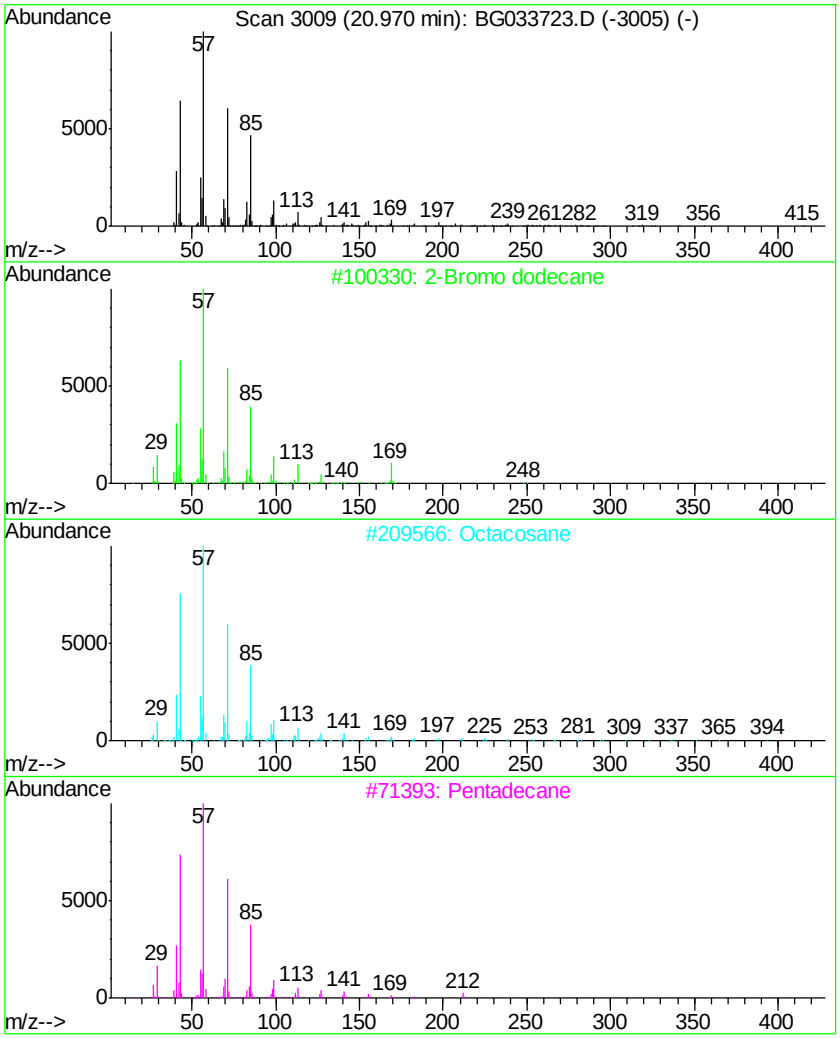
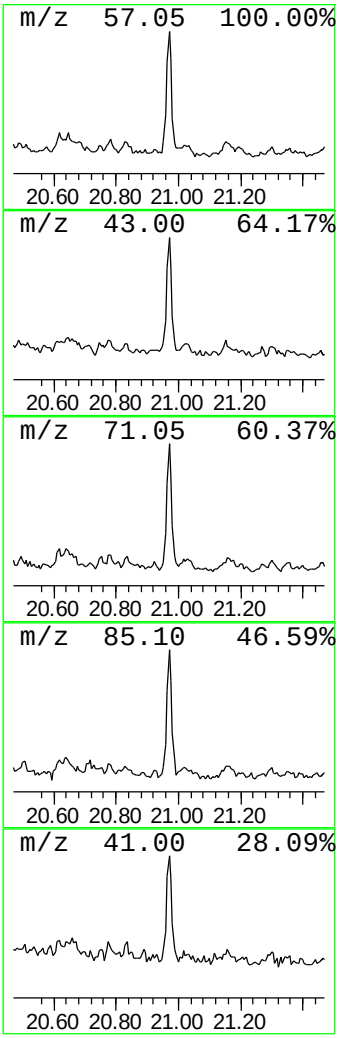
Peak Number 18 2-Bromo dodecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.97	10.12 ng	410875	Chrysene-d12	22.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	91
2	Octacosane	394	C28H58	000630-02-4	91
3	Pentadecane	212	C15H32	000629-62-9	87
4	Eicosane	282	C20H42	000112-95-8	87
5	Nonadecane	268	C19H40	000629-92-5	86





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Data File : BG033723.D
Acq On : 10 Apr 2018 21:10
Operator : SJ/JU
Sample : J2247-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CG-1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.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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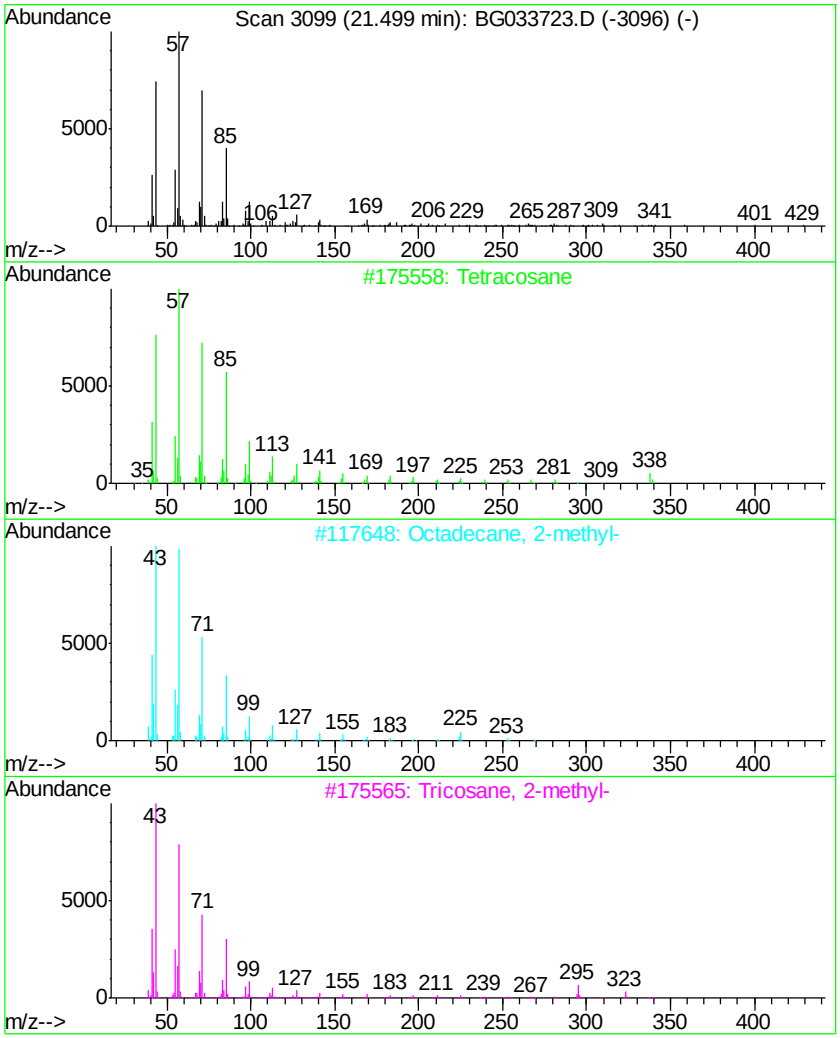
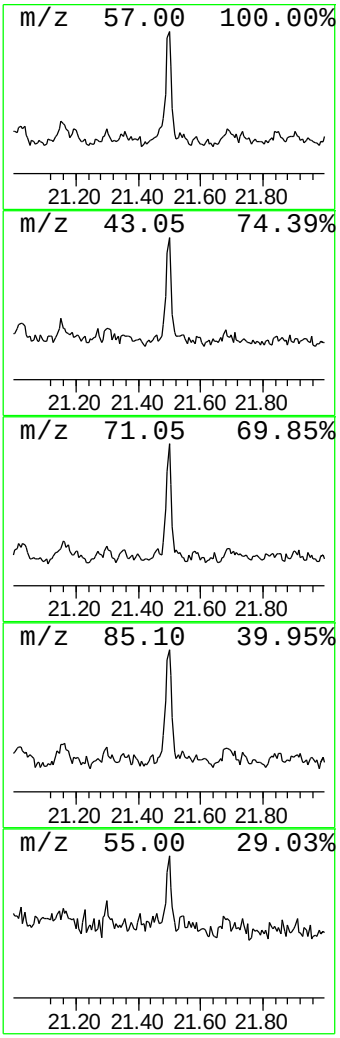
Peak Number 19 Tetracosane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.50	5.49 ng	222863	Chrysene-d12	22.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	87
2	Octadecane, 2-methyl-	268	C19H40	001560-88-9	87
3	Tricosane, 2-methyl-	338	C24H50	001928-30-9	87
4	Heptacosane	380	C27H56	000593-49-7	83
5	Decane, 1-iodo-	268	C10H21I	002050-77-3	83





Data Path : Z:\HPCHEM1\BNA G\DATA\BG041018\
Data File : BG033723.D
Acq On : 10 Apr 2018 21:10
Operator : SJ/JU
Sample : J2247-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CG-1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.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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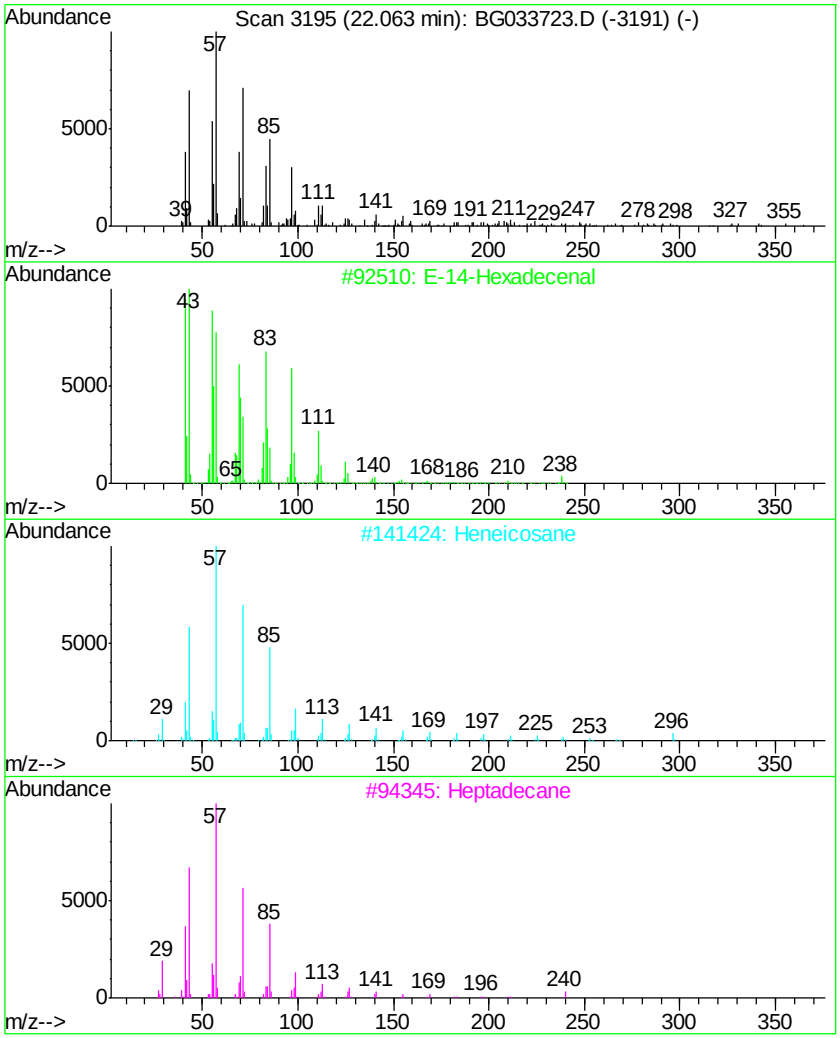
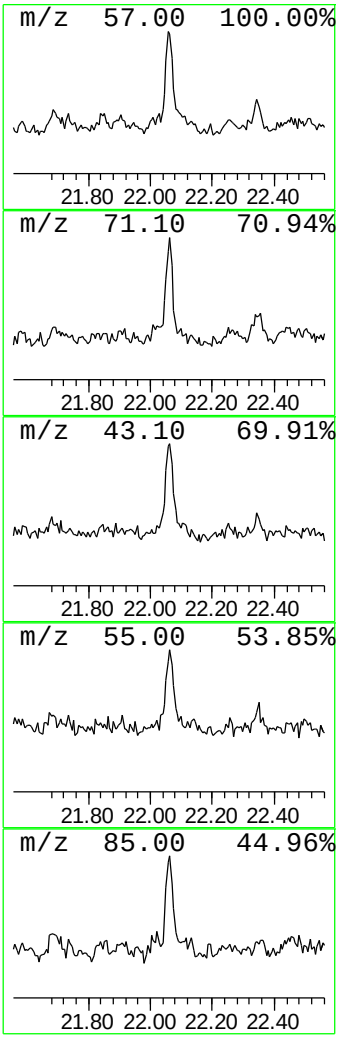
Peak Number 20 E-14-Hexadecenal Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.06	9.66 ng	392255	Chrysene-d12	22.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	E-14-Hexadecenal	238	C16H30O	330207-53-9	86
2	Heneicosane	296	C21H44	000629-94-7	70
3	Heptadecane	240	C17H36	000629-78-7	70
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	68
5	Tridecane	184	C13H28	000629-50-5	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041018\
Data File : BG033723.D
Acq On : 10 Apr 2018 21:10
Operator : SJ/JU
Sample : J2247-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CG-1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.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
Butane, 2-methoxy...	3.57	19.8	ng	249142	1	8.86	251339	20.0
unknown8.37	8.37	87.4	ng	1098440	1	8.86	251339	20.0
Pentadecane	15.30	11.6	ng	334543	3	15.47	575334	20.0
Hexadecane	16.24	24.1	ng	694053	3	15.47	575334	20.0
Pentadecane, 2,6,...	16.64	15.2	ng	437400	3	15.47	575334	20.0
Heptadecane	17.09	32.6	ng	1446660	4	18.20	888630	20.0
Octadecane	17.88	33.7	ng	1496160	4	18.20	888630	20.0
Heneicosane	17.93	15.0	ng	668283	4	18.20	888630	20.0
Decane, 3,8-dimet...	18.41	5.0	ng	220007	4	18.20	888630	20.0
Dodecane, 2-methy...	19.28	31.2	ng	1387980	4	18.20	888630	20.0
Sulfurous acid, b...	19.72	5.7	ng	252273	4	18.20	888630	20.0
Adipic acid, buty...	20.37	8.6	ng	380327	4	18.20	888630	20.0
Docosane	20.45	17.2	ng	698748	5	22.54	812407	20.0
2-Bromo dodecane	20.97	10.1	ng	410875	5	22.54	812407	20.0
Tetracosane	21.50	5.5	ng	222863	5	22.54	812407	20.0
E-14-Hexadecenal	22.06	9.7	ng	392255	5	22.54	812407	20.0