LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041620\
Data File : BG045017.D
Acq On : 16 Apr 2020 22:10
Operator : CG/JU
Sample : L2279-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OILY-STONE-POTHEAD

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-BG041520.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	5.594	418	426	435	rBV	897006	1528999	31.64%	3.745%
2	7.180	688	696	706	rBV	1157427	2078200	43.01%	5.090%
3	8.020	832	839	846	rBV	451391	792809	16.41%	1.942%
4	8.349	886	895	904	rBV	1285196	2324504	48.10%	5.693%
5	9.177	1029	1036	1048	rVB	954339	1786405	36.97%	4.375%
6	10.828	1308	1317	1324	rBV	599068	1117737	23.13%	2.737%
7	13.101	1699	1704	1712	rBV3	62889	146656	3.03%	0.359%
8	13.277	1727	1734	1741	rVB	2651784	4275932	88.49%	10.472%
9	13.724	1803	1810	1817	rVB4	211693	434973	9.00%	1.065%
10	14.100	1869	1874	1878	rBV	324227	497380	10.29%	1.218%
11	14.499	1938	1942	1948	rVB3	106684	183727	3.80%	0.450%
12	14.658	1959	1969	1974	rBV2	864239	1694279	35.06%	4.149%
13	15.451	2100	2104	2107	rBV3	116228	173057	3.58%	0.424%
14	15.610	2128	2131	2136	rVB	254000	335219	6.94%	0.821%
15	15.921	2181	2184	2190	rBV4	114582	181396	3.75%	0.444%
16	16.138	2216	2221	2228	rBV	1275623	2022487	41.85%	4.953%
17	16.808	2331	2335	2342	rVB	1072454	1477626	30.58%	3.619%
18	16.878	2343	2347	2351	rVB	451495	577620	11.95%	1.415%
19	17.225	2404	2406	2413	rVB3	286380	404465	8.37%	0.991%
20	17.401	2431	2436	2446	rVB	916087	1530377	31.67%	3.748%
21	17.489	2447	2451	2457	rVV	537026	809176	16.75%	1.982%
22	17.560	2459	2463	2469	rVB2	296240	547364	11.33%	1.341%
23	17.642	2475	2477	2485	rVB5	247314	364140	7.54%	0.892%
24	18.206	2568	2573	2581	rBV3	733245	1587047	32.84%	3.887%
25	18.359	2596	2599	2604	rVB2	309478	413233	8.55%	1.012%
26	18.600	2638	2640	2647	rVB2	367540	494139	10.23%	1.210%
27	19.158	2731	2735	2742	rBV	1592333	2235028	46.25%	5.474%
28	19.228	2743	2747	2753	rVB2	925344	1383225	28.62%	3.388%
29	19.704	2825	2828	2832	rVB	666545	783282	16.21%	1.918%
30	20.015	2876	2881	2886	rVB	3714110	4832307	100.00%	11.835%
31	20.233	2915	2918	2923	rBV	868862	1172236	24.26%	2.871%
32	20.280	2923	2926	2929	rBV2	487701	640846	13.26%	1.570%
33	20.979	3041	3045	3048	rBV	1614333	2005302	41.50%	4.911%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041620\
Data File : BG045017.D
Acq On : 16 Apr 2020 22:10
Operator : CG/JU
Sample : L2279-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OILY-STONE-POTHEAD

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-BG041520.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Sum of corrected areas: 40831173

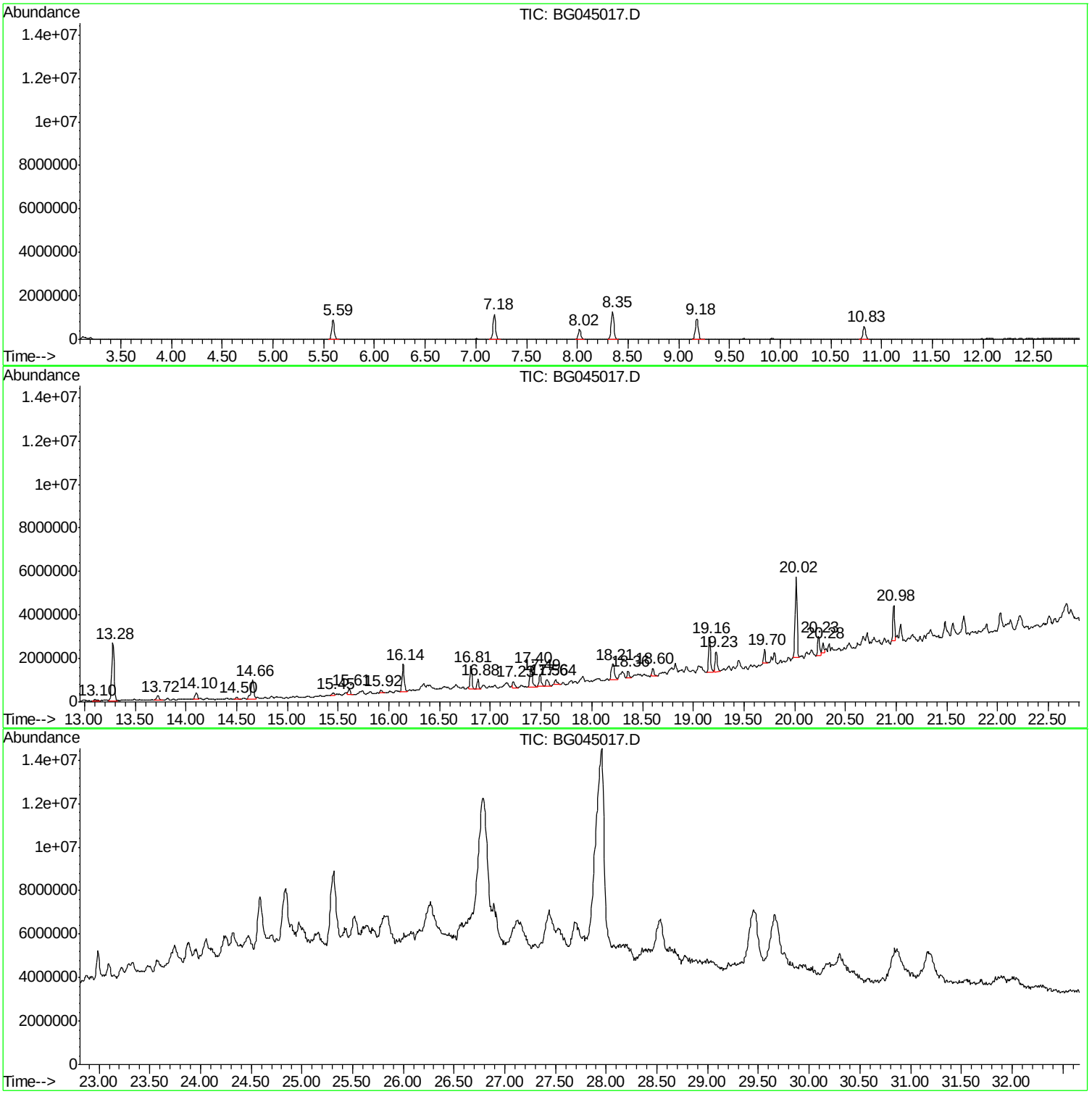
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041620\
Data File : BG045017.D
Acq On : 16 Apr 2020 22:10
Operator : CG/JU
Sample : L2279-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OILY-STONE-POTHEAD

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.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\BG041620\
Data File : BG045017.D
Acq On : 16 Apr 2020 22:10
Operator : CG/JU
Sample : L2279-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OILY-STONE-POTHEAD

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

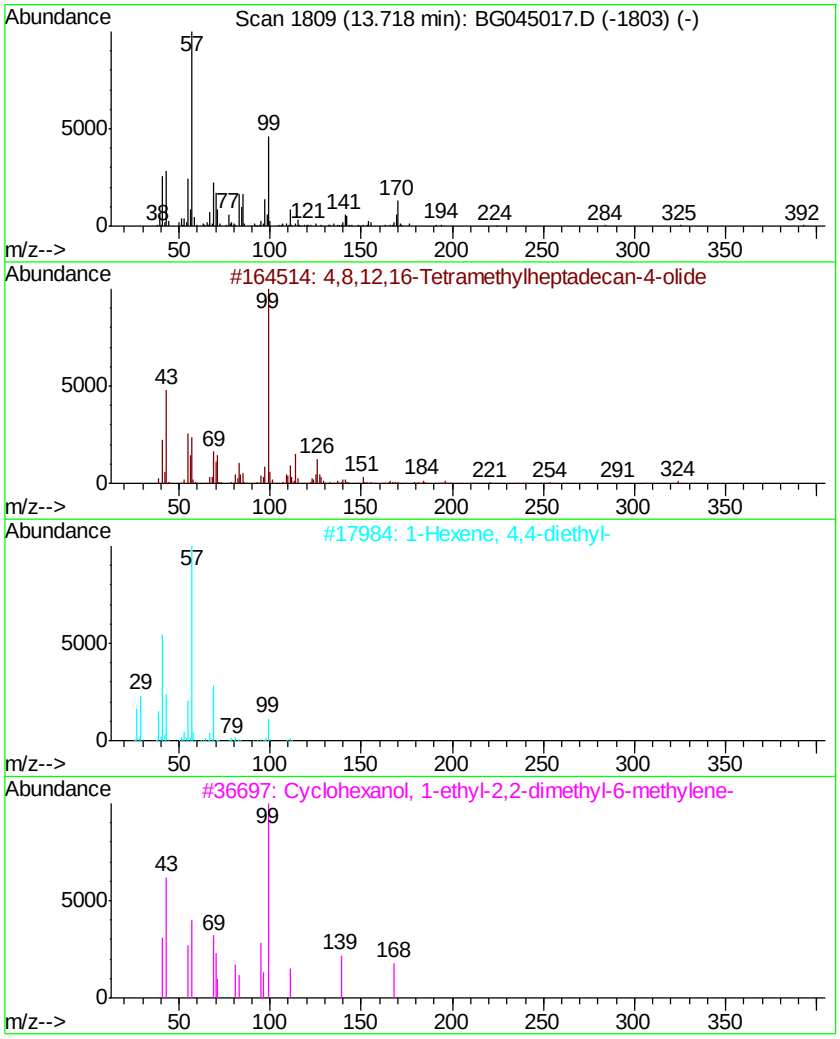
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

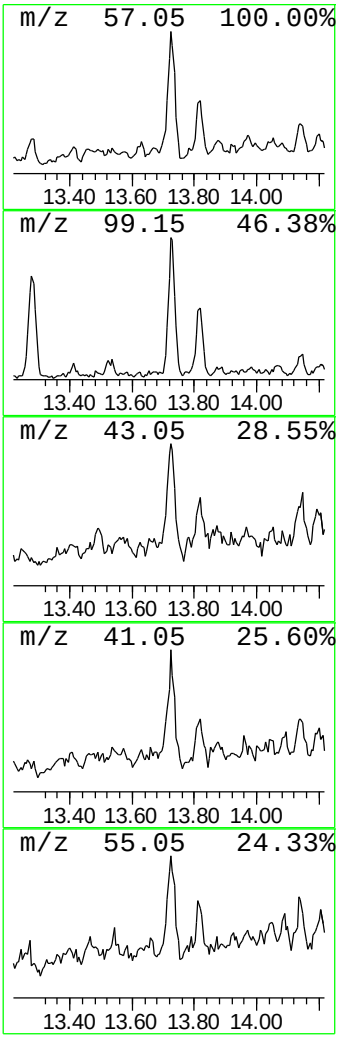
****

Peak Number 2 4,8,12,16-Tetramethylheptad... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.72	5.13 ng	434973	Acenaphthene-d10	14.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,8,12,16-Tetramethylheptadecan-...	324	C21H40O2	096168-15-9	50
2	1-Hexene, 4,4-diethyl-	140	C10H20	1000160-42-0	47
3	Cyclohexanol, 1-ethyl-2,2-dimeth...	168	C11H20O	054345-64-1	47
4	Heptane, 2-iodo-	226	C7H15I	018589-29-2	43
5	2,2-Dimethyl-3-octanone	156	C10H20O	005340-64-7	43





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041620\
Data File : BG045017.D
Acq On : 16 Apr 2020 22:10
Operator : CG/JU
Sample : L2279-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OILY-STONE-POTHEAD

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

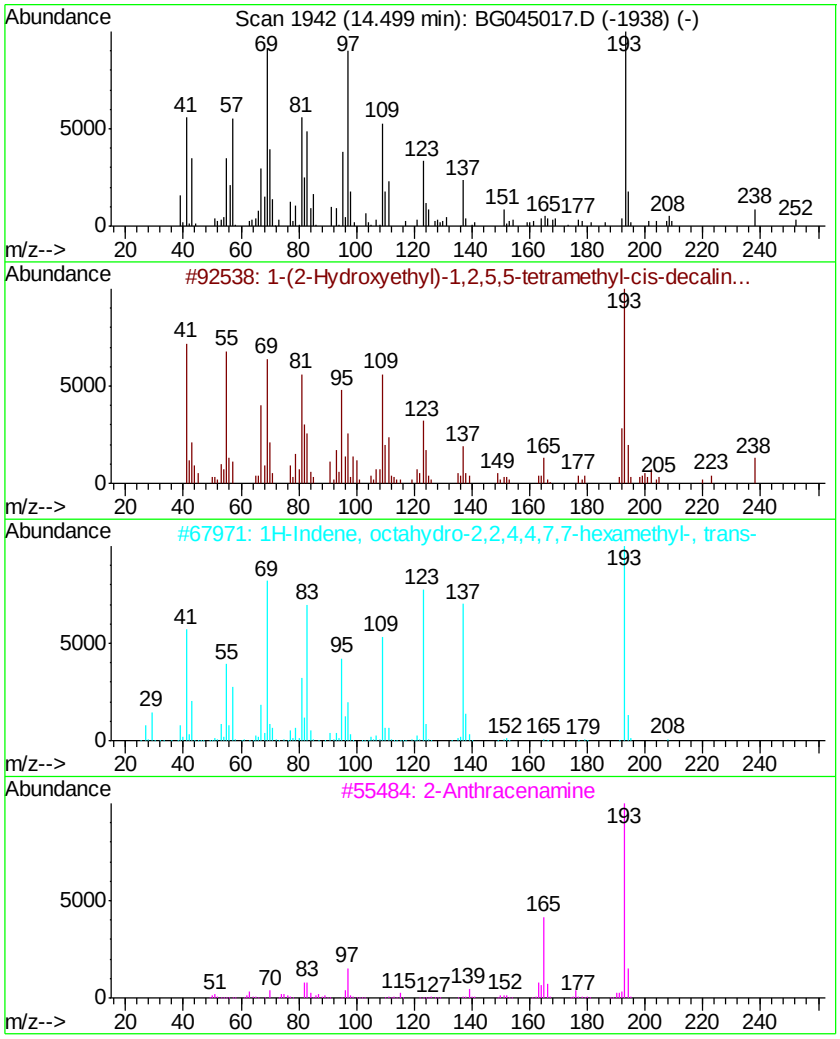
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

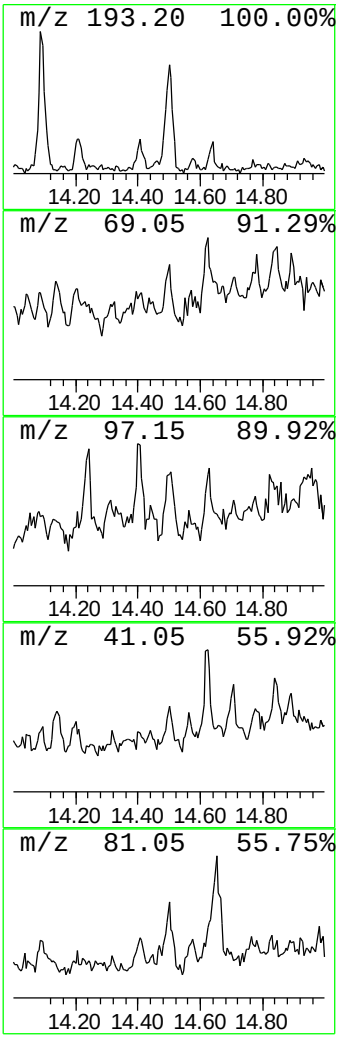
****

Peak Number 3 1-(2-Hydroxyethyl)-1,2,5,5-... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.50	2.17 ng	183727	Acenaphthene-d10	14.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(2-Hydroxyethyl)-1,2,5,5-tetra...	238	C16H30O	1000298-97-4	60
2	1H-Indene, octahydro-2,2,4,4,7,7...	208	C15H28	054832-83-6	47
3	2-Anthracenamine	193	C14H11N	000613-13-8	27
4	Cyclopentanecarboxylic acid, 3-t...	296	C19H36O2	1000280-58-5	27
5	Thieno[2,3-d]-1,3-thiaselenol-2-...	238	C5H2S3Se	081803-09-0	25





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041620\
Data File : BG045017.D
Acq On : 16 Apr 2020 22:10
Operator : CG/JU
Sample : L2279-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OILY-STONE-POTHEAD

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

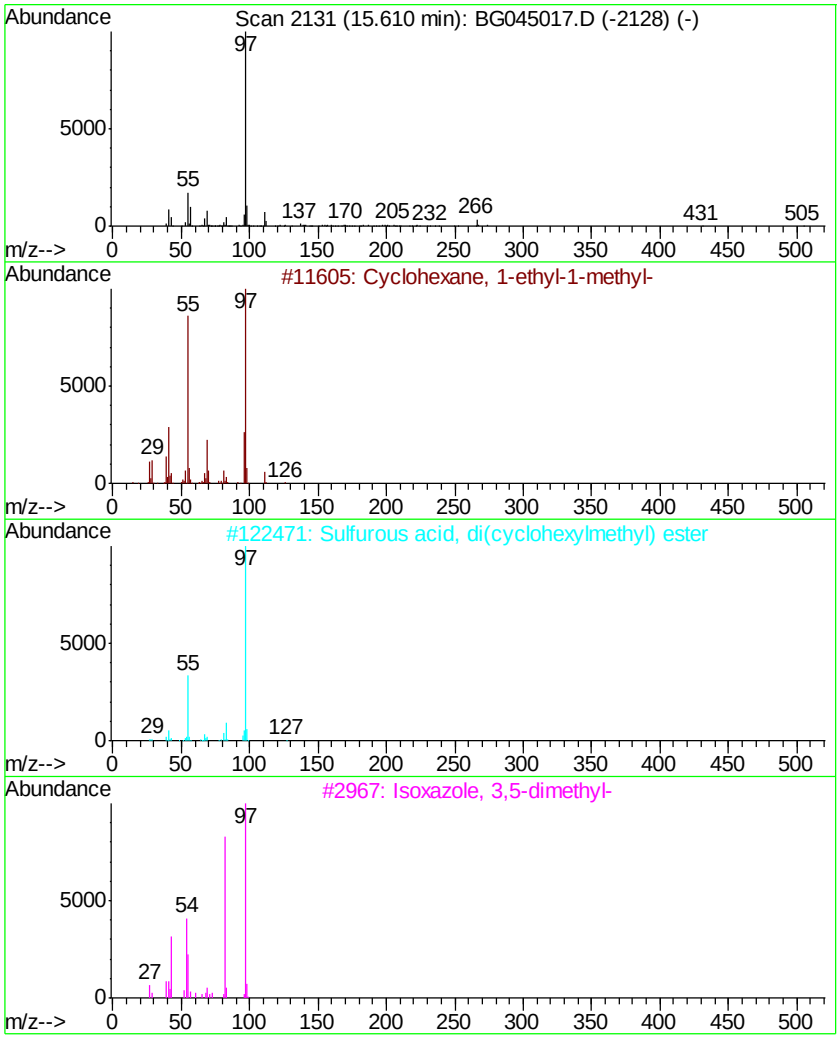
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

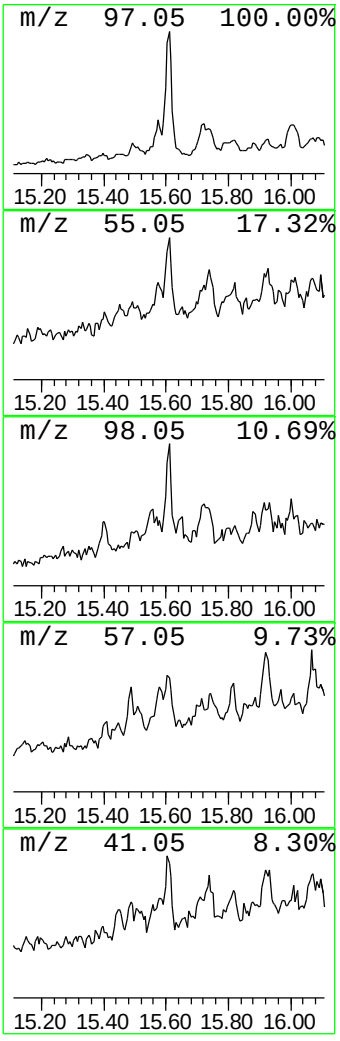
****

Peak Number 4 Cyclohexane, 1-ethyl-1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.61	3.96 ng	335219	Acenaphthene-d10	14.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	59
2	Sulfurous acid, di(cyclohexylmet...	274	C14H26O3S	1000309-22-7	59
3	Isoxazole, 3,5-dimethyl-	97	C5H7NO	000300-87-8	59
4	2,2,3,3-Tetramethylcyclopropanec...	238	C15H26O2	1000221-97-5	45
5	Sulfurous acid, cyclohexylmethyl...	304	C16H32O3S	1000309-21-8	40





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041620\
Data File : BG045017.D
Acq On : 16 Apr 2020 22:10
Operator : CG/JU
Sample : L2279-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OILY-STONE-POTHEAD

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

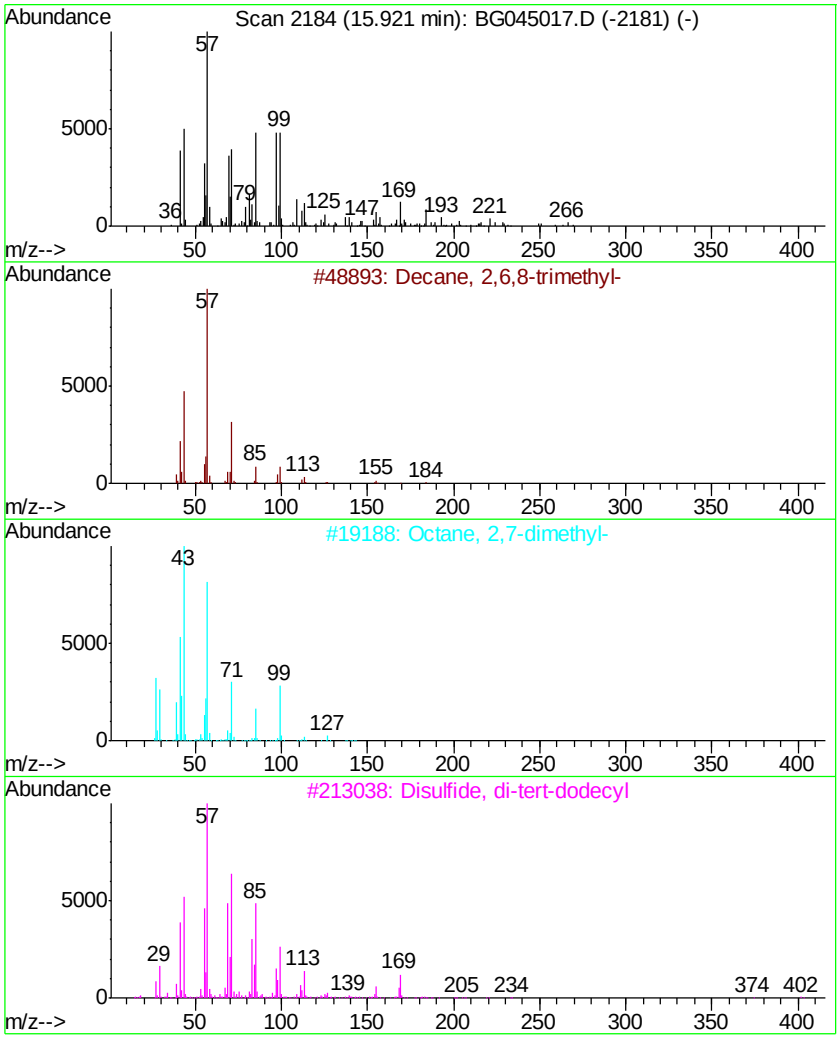
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

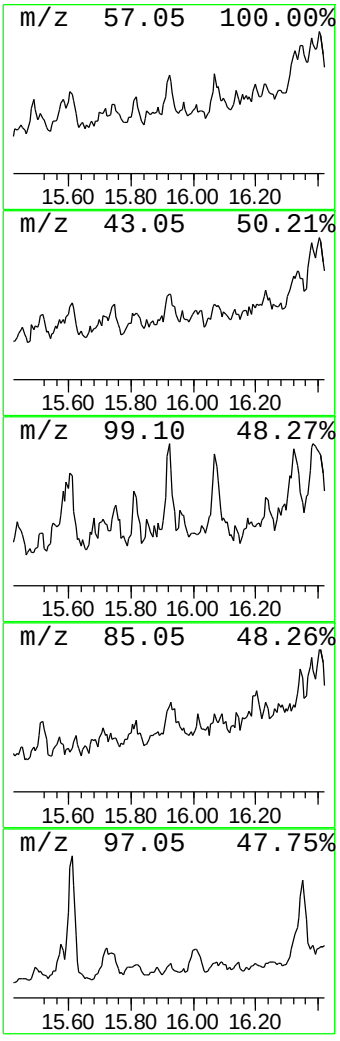
****

Peak Number 5 unknown15.92 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.92	2.14 ng	181396	Acenaphthene-d10	14.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	43
2	Octane, 2,7-dimethyl-	142	C10H22	001072-16-8	38
3	Disulfide, di-tert-dodecyl	402	C24H50S2	027458-90-8	38
4	2,2-Dimethyl-3-octanone	156	C10H20O	005340-64-7	38
5	Dodecane, 3-methyl-	184	C13H28	017312-57-1	35





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041620\
Data File : BG045017.D
Acq On : 16 Apr 2020 22:10
Operator : CG/JU
Sample : L2279-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OILY-STONE-POTHEAD

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

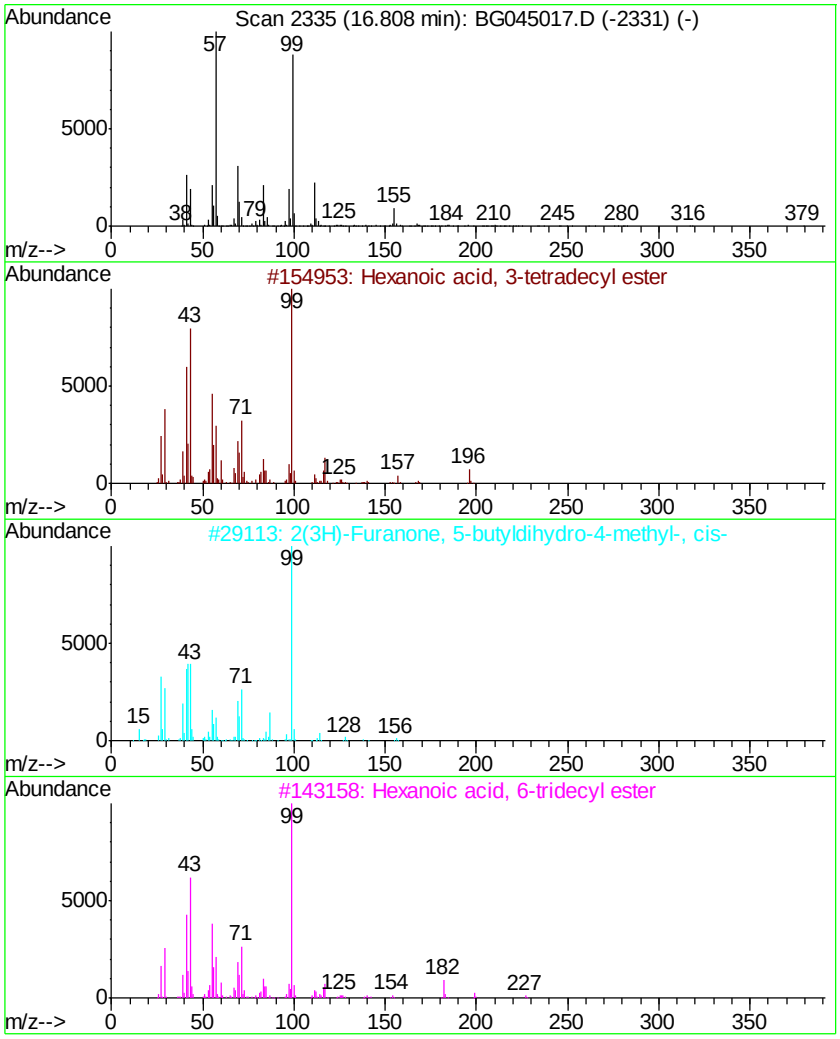
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

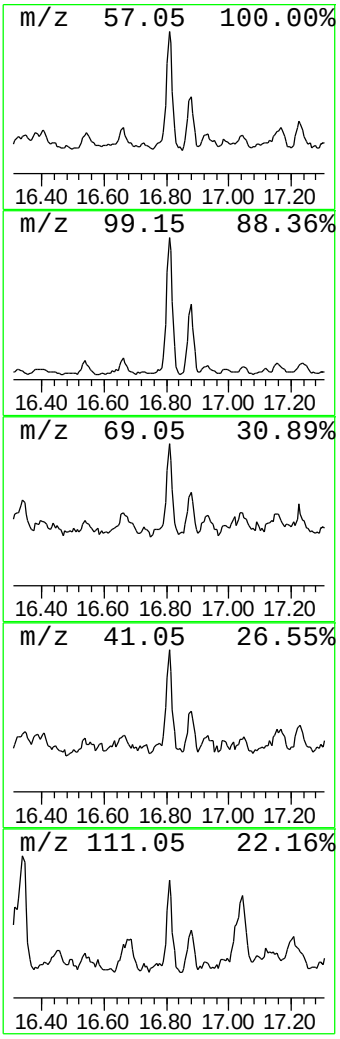
****

Peak Number 6 unknown16.81 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.81	19.31 ng	1477630	Phenanthrene-d10	17.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 3-tetradecyl ester	312	C20H40O2	1000279-29-7	47
2	2(3H)-Furanone, 5-butyldihydro-4...	156	C9H16O2	055013-32-6	43
3	Hexanoic acid, 6-tridecyl ester	298	C19H38O2	1000279-29-5	43
4	Hexanoic acid, 4-tridecyl ester	298	C19H38O2	1000279-29-3	43
5	Hexanoic acid, 5-tridecyl ester	298	C19H38O2	1000279-29-4	40





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041620\
Data File : BG045017.D
Acq On : 16 Apr 2020 22:10
Operator : CG/JU
Sample : L2279-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OILY-STONE-POTHEAD

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

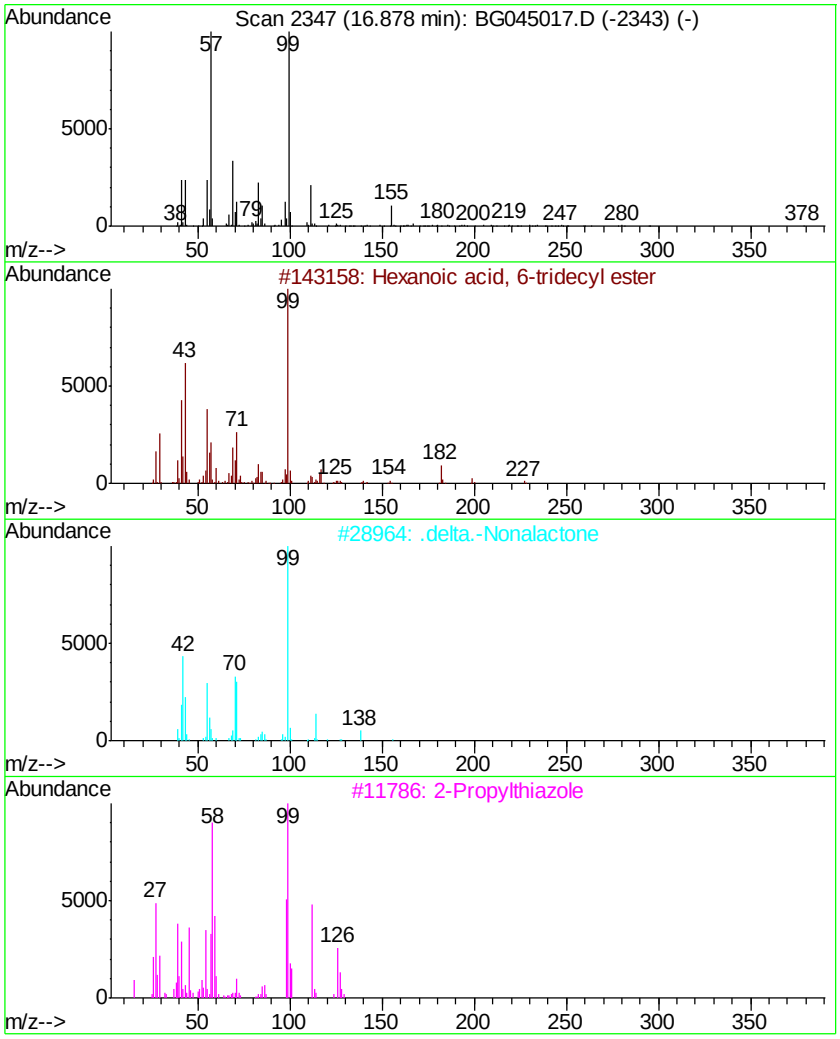
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

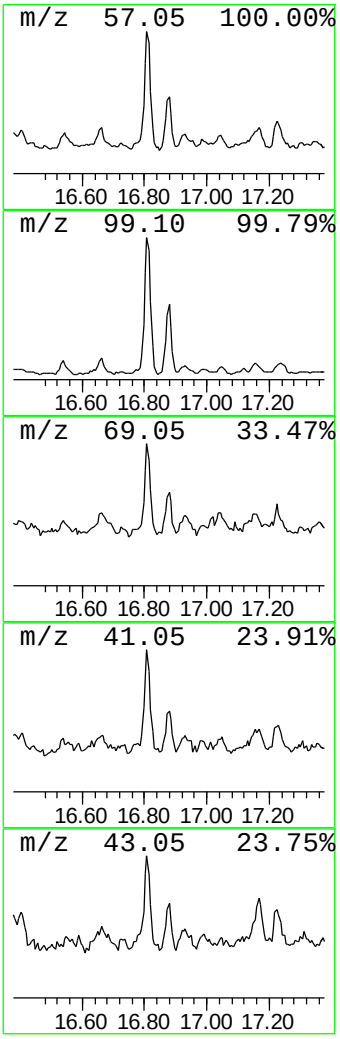
****

Peak Number 7 unknown16.88 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.88	7.55 ng	577620	Phenanthrene-d10	17.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 6-tridecyl ester	298	C19H38O2	1000279-29-5	38
2	.delta.-Nonalactone	156	C9H16O2	003301-94-8	38
3	2-Propylthiazole	127	C6H9NS	017626-75-4	35
4	3-Hydroxy-2,3,4,4-tetramethyl-pe...	202	C11H22O3	1000194-64-5	35
5	Spiro[bicyclo[2.2.1]heptane-2,2'...	210	C12H18O3	018501-54-7	35





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041620\
Data File : BG045017.D
Acq On : 16 Apr 2020 22:10
Operator : CG/JU
Sample : L2279-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OILY-STONE-POTHEAD

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

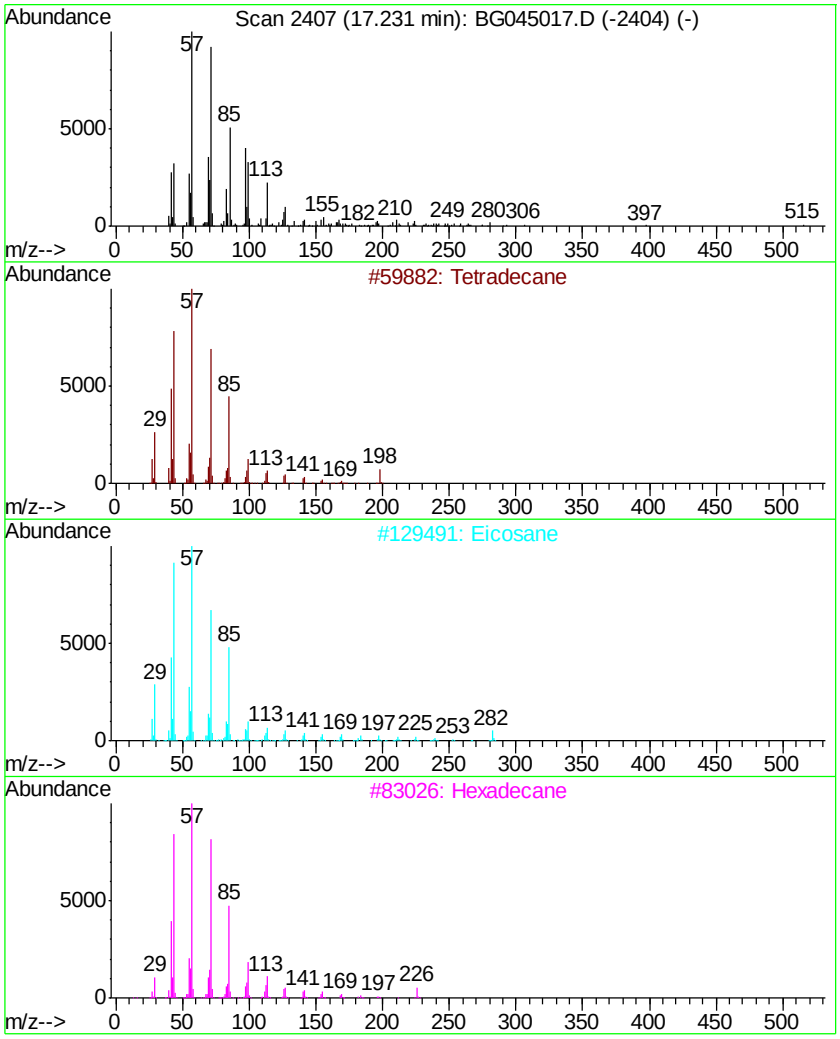
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

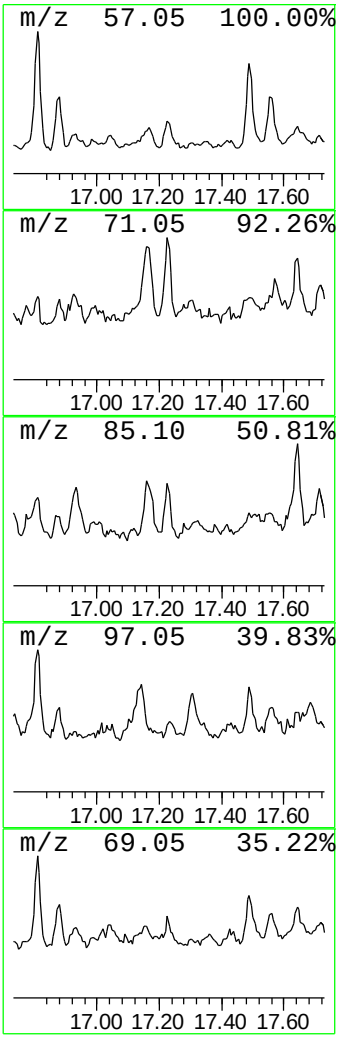
****

Peak Number 8 Tetradecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.23	5.29 ng	404465	Phenanthrene-d10	17.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	72
2	Eicosane	282	C20H42	000112-95-8	72
3	Hexadecane	226	C16H34	000544-76-3	64
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	59
5	Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	53





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041620\
Data File : BG045017.D
Acq On : 16 Apr 2020 22:10
Operator : CG/JU
Sample : L2279-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OILY-STONE-POTHEAD

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

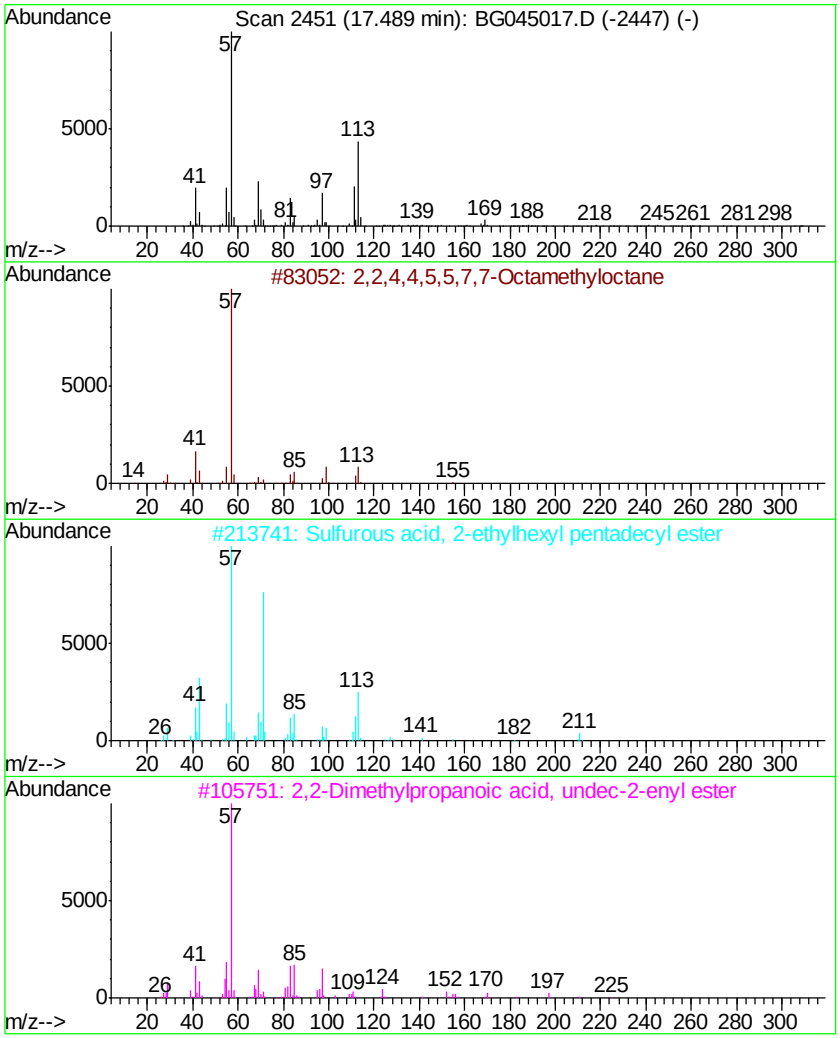
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

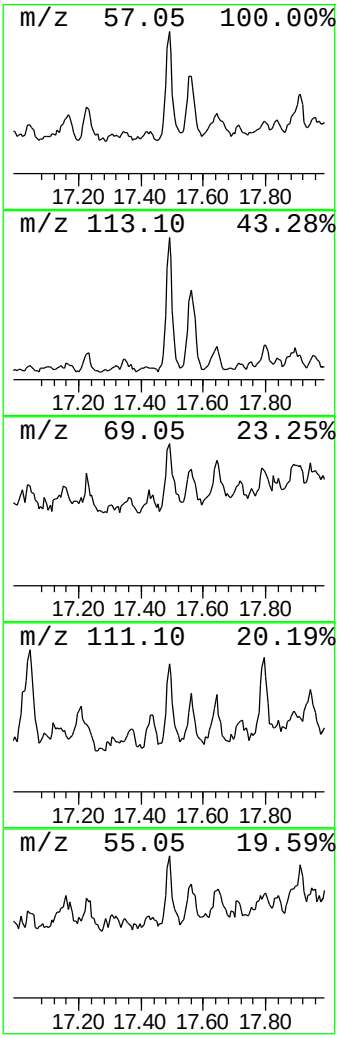
****

Peak Number 9 unknown17.49 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.49	10.57 ng	809176	Phenanthrene-d10	17.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2,4,4,5,5,7,7-Octamethyloctane	226	C16H34	005171-85-7	32
2	Sulfurous acid, 2-ethylhexyl pen...	404	C23H48O3S	1000309-19-8	22
3	2,2-Dimethylpropanoic acid, unde...	254	C16H30O2	1000299-33-7	16
4	17-Pentatriacontene	491	C35H70	006971-40-0	16
5	Sulfurous acid, di(2-ethylhexyl)...	306	C16H34O3S	1000309-19-1	12





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041620\
Data File : BG045017.D
Acq On : 16 Apr 2020 22:10
Operator : CG/JU
Sample : L2279-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OILY-STONE-POTHEAD

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

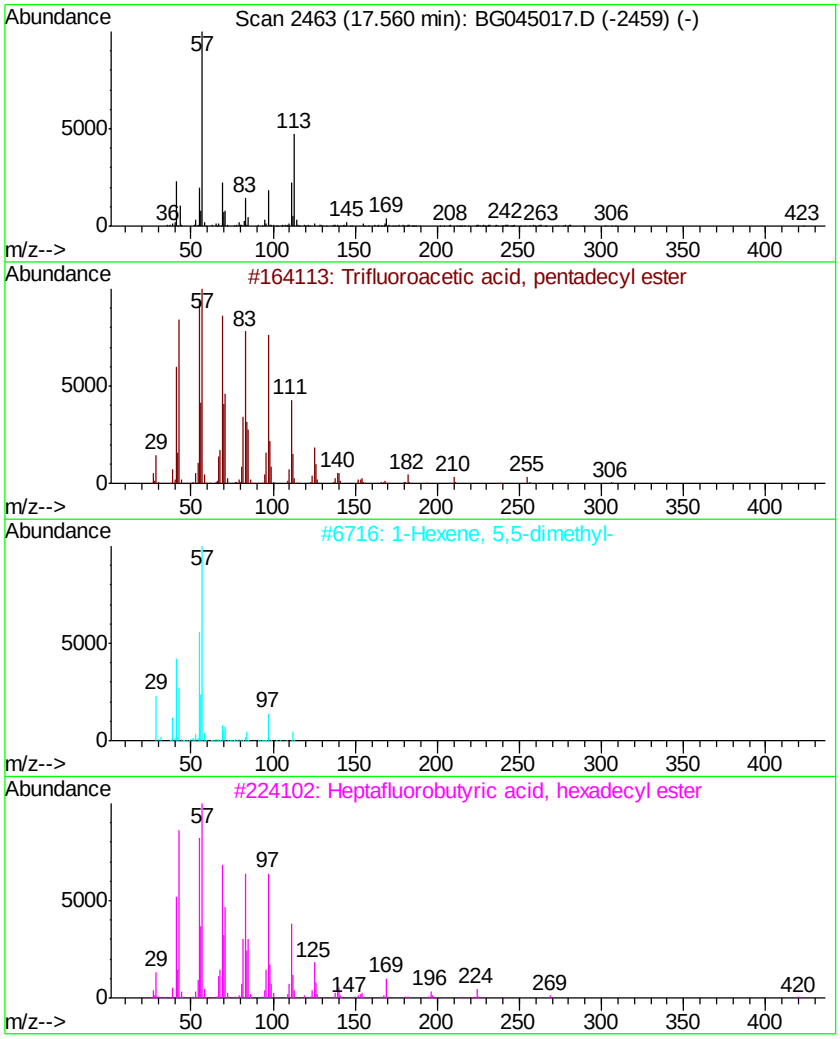
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

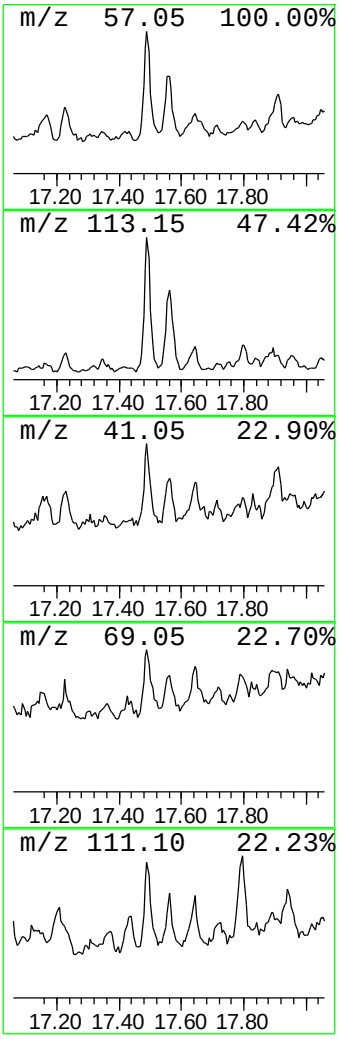
****

Peak Number 10 unknown17.56 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.56	7.15 ng	547364	Phenanthrene-d10	17.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	14
2	1-Hexene, 5,5-dimethyl-	112	C8H16	007116-86-1	14
3	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	10
4	9-Eicosene, (E)-	280	C20H40	074685-29-3	10
5	3-Chloropropionic acid, heptadec...	346	C20H39ClO2	1000283-05-1	10





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041620\
Data File : BG045017.D
Acq On : 16 Apr 2020 22:10
Operator : CG/JU
Sample : L2279-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OILY-STONE-POTHEAD

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

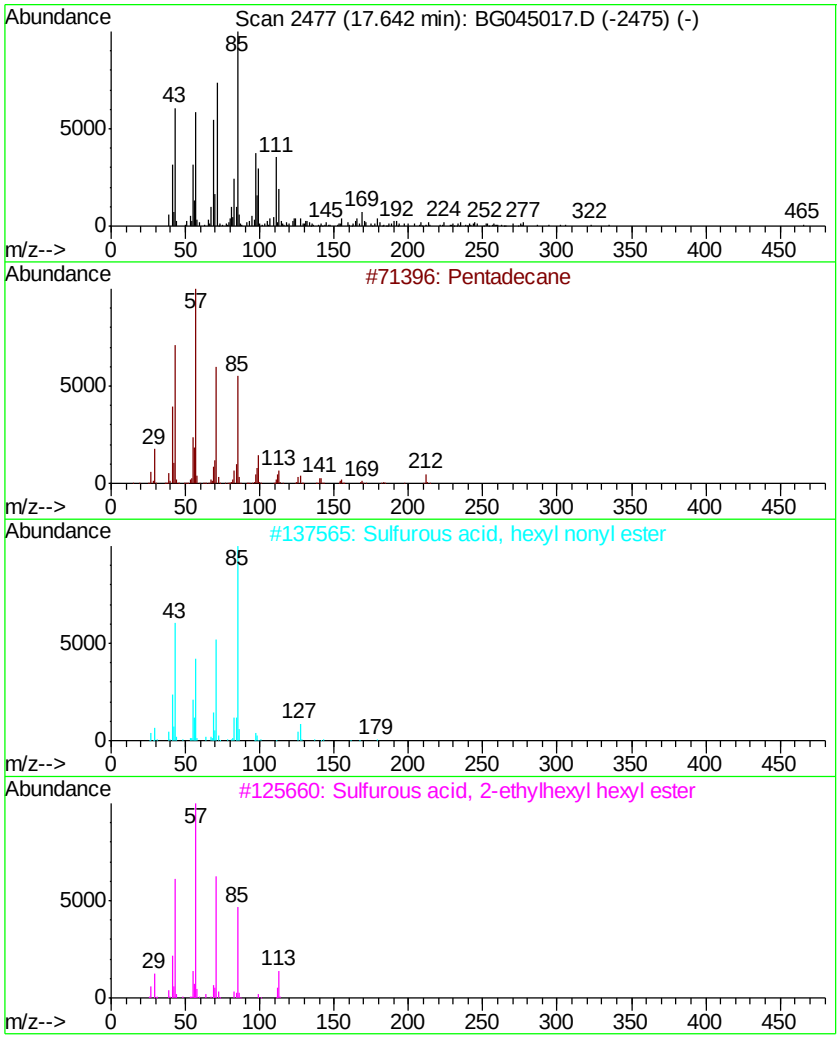
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

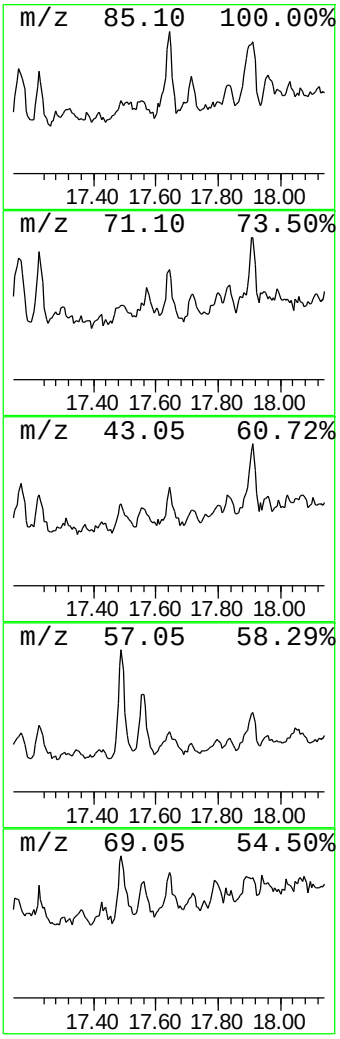
****

Peak Number 11 Pentadecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.64	4.76 ng	364140	Phenanthrene-d10	17.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	68
2	Sulfurous acid, hexyl nonyl ester	292	C15H32O3S	1000309-13-1	50
3	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	47
4	Decane, 2,3,6-trimethyl-	184	C13H28	062238-12-4	38
5	1-Decanol, 10-[(tetrahydro-2H-py...	258	C15H30O3	043047-93-4	38





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Data File : BG045017.D
Acq On : 16 Apr 2020 22:10
Operator : CG/JU
Sample : L2279-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OILY-STONE-POTHEAD

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

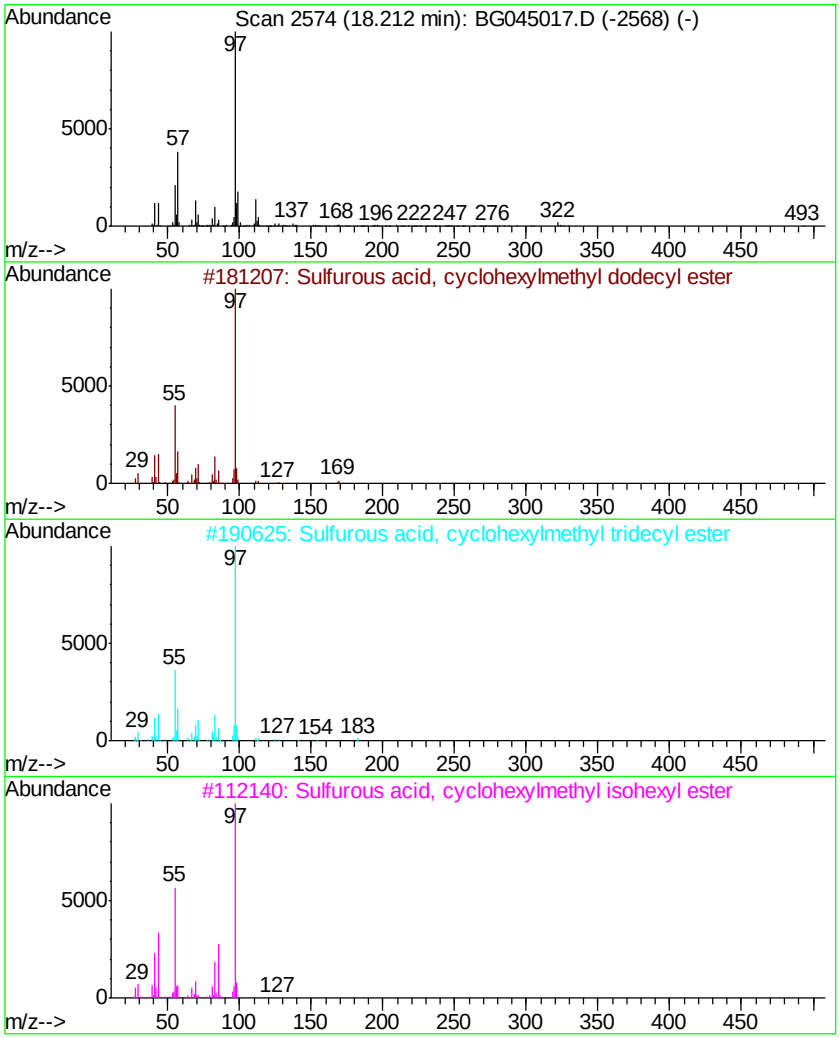
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

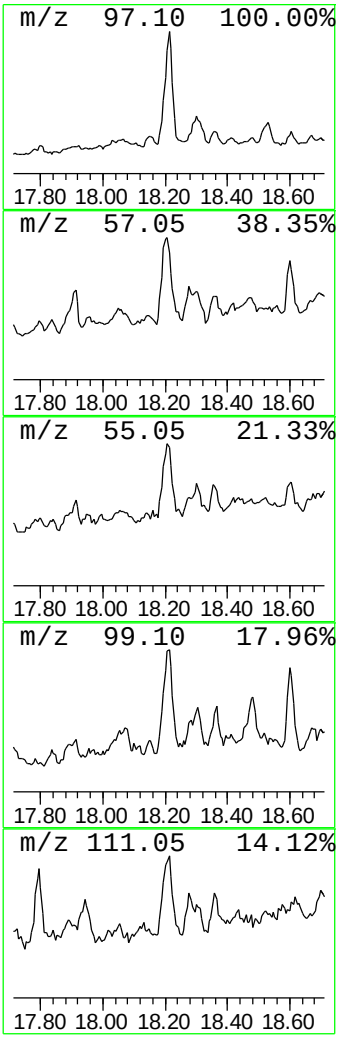
****

Peak Number 12 Sulfurous acid, cyclohexylm... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.21	20.74 ng	1587050	Phenanthrene-d10	17.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, cyclohexylmethyl...	346	C19H38O3S	1000309-22-0	53
2	Sulfurous acid, cyclohexylmethyl...	360	C20H40O3S	1000309-22-1	53
3	Sulfurous acid, cyclohexylmethyl...	262	C13H26O3S	1000309-21-5	53
4	Thiophene, 2-pentyl-	154	C9H14S	004861-58-9	53
5	Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	50





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041620\
Data File : BG045017.D
Acq On : 16 Apr 2020 22:10
Operator : CG/JU
Sample : L2279-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OILY-STONE-POTHEAD

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.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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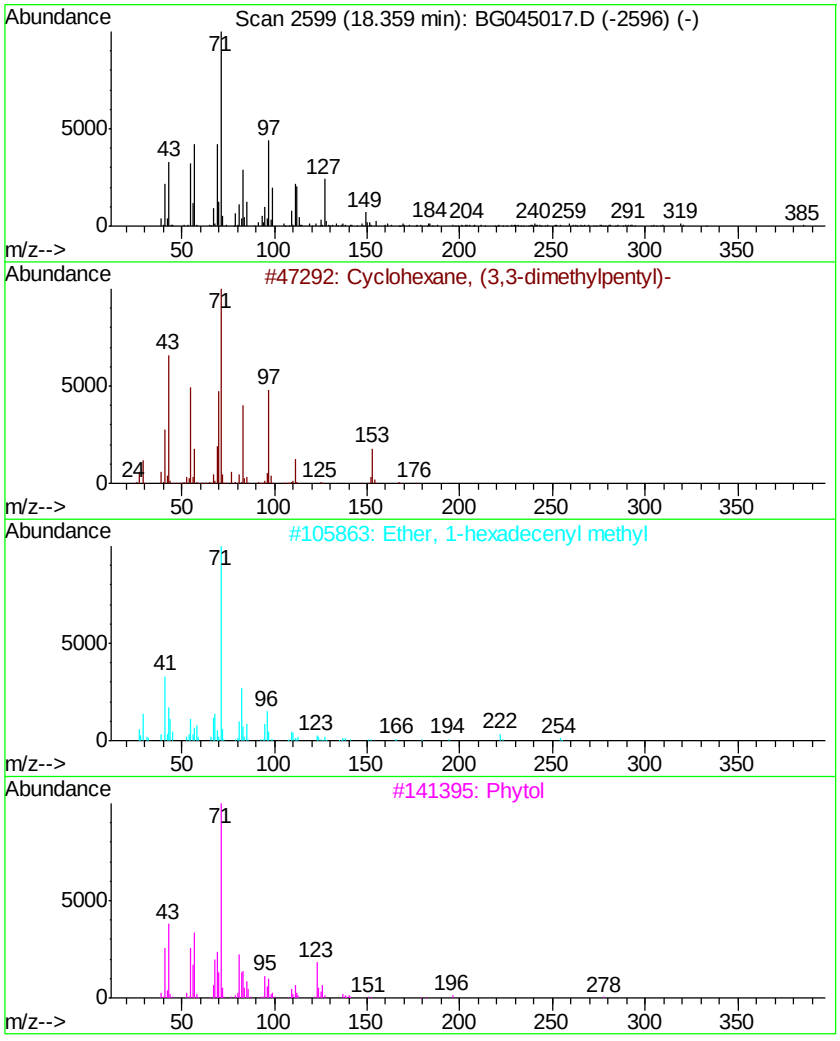
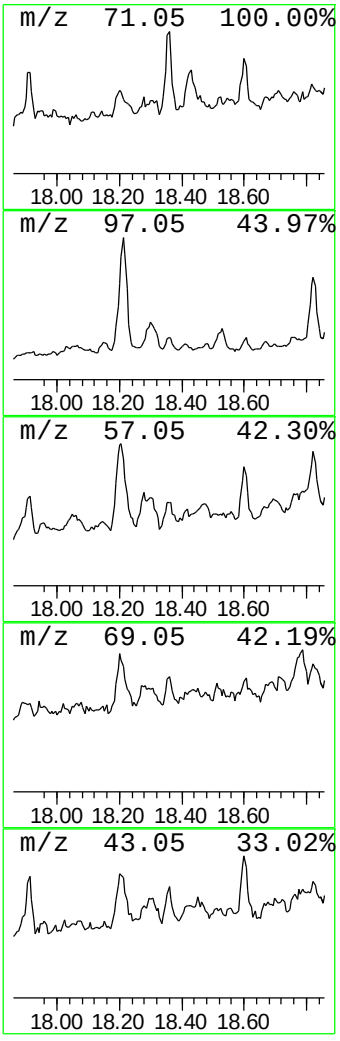
Peak Number 13 unknown18.36 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.36	5.40 ng	413233	Phenanthrene-d10	17.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (3,3-dimethylpentyl)-	182	C13H26	061142-22-1	47
2	Ether, 1-hexadecenyl methyl	254	C17H34O	015519-14-9	35
3	Phytol	296	C20H40O	000150-86-7	32
4	1-Butoxy-2,4-dimethyl-2-pentene	170	C11H22O	1000159-08-8	32
5	Cyclooctane, methoxy-	142	C9H18O	013213-32-6	27





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041620\
Data File : BG045017.D
Acq On : 16 Apr 2020 22:10
Operator : CG/JU
Sample : L2279-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OILY-STONE-POTHEAD

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.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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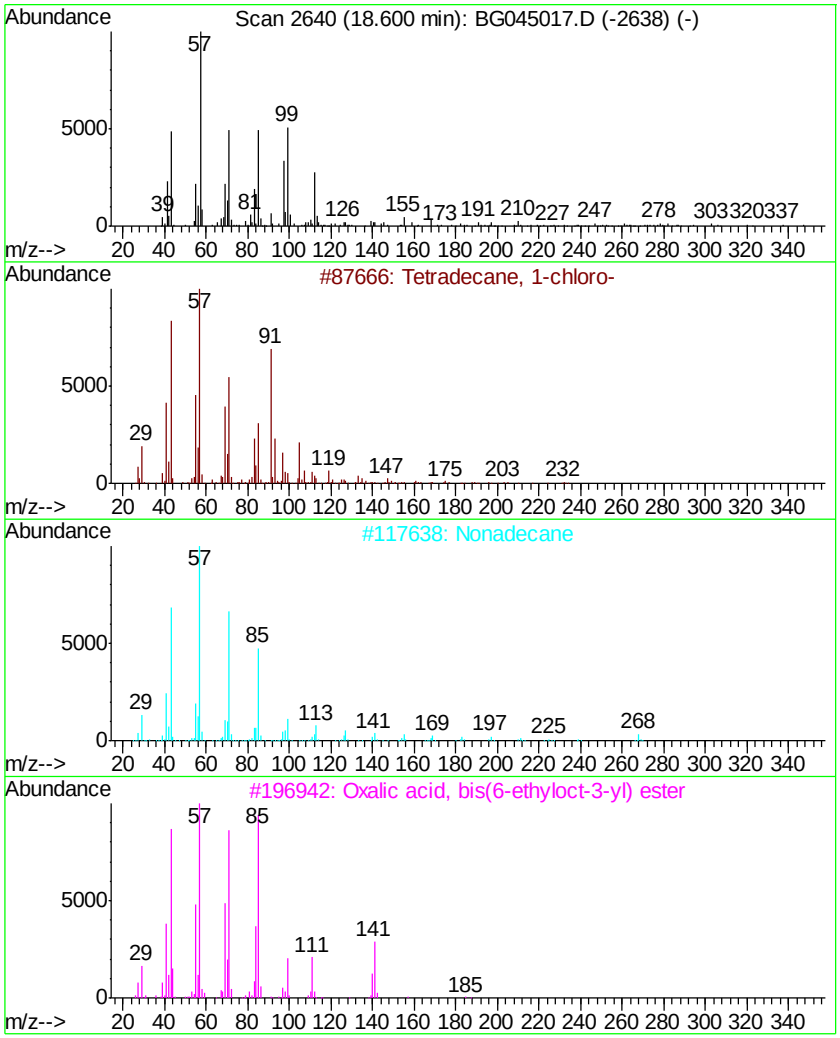
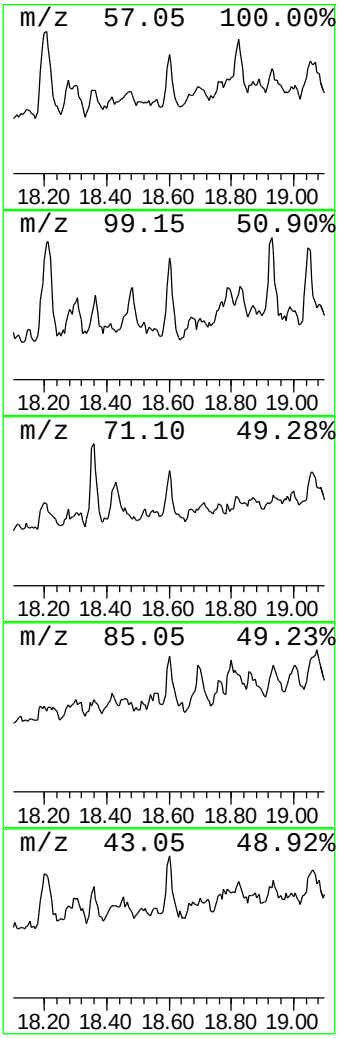
Peak Number 14 unknown18.60 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.60	6.46 ng	494139	Phenanthrene-d10	17.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane, 1-chloro-	232	C14H29Cl	002425-54-9	43
2	Nonadecane	268	C19H40	000629-92-5	38
3	Oxalic acid, bis(6-ethyloct-3-yl...	370	C22H42O4	1000309-34-6	35
4	1-Iodoundecane	282	C11H23I	004282-44-4	35
5	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	27





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041620\
Data File : BG045017.D
Acq On : 16 Apr 2020 22:10
Operator : CG/JU
Sample : L2279-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OILY-STONE-POTHEAD

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.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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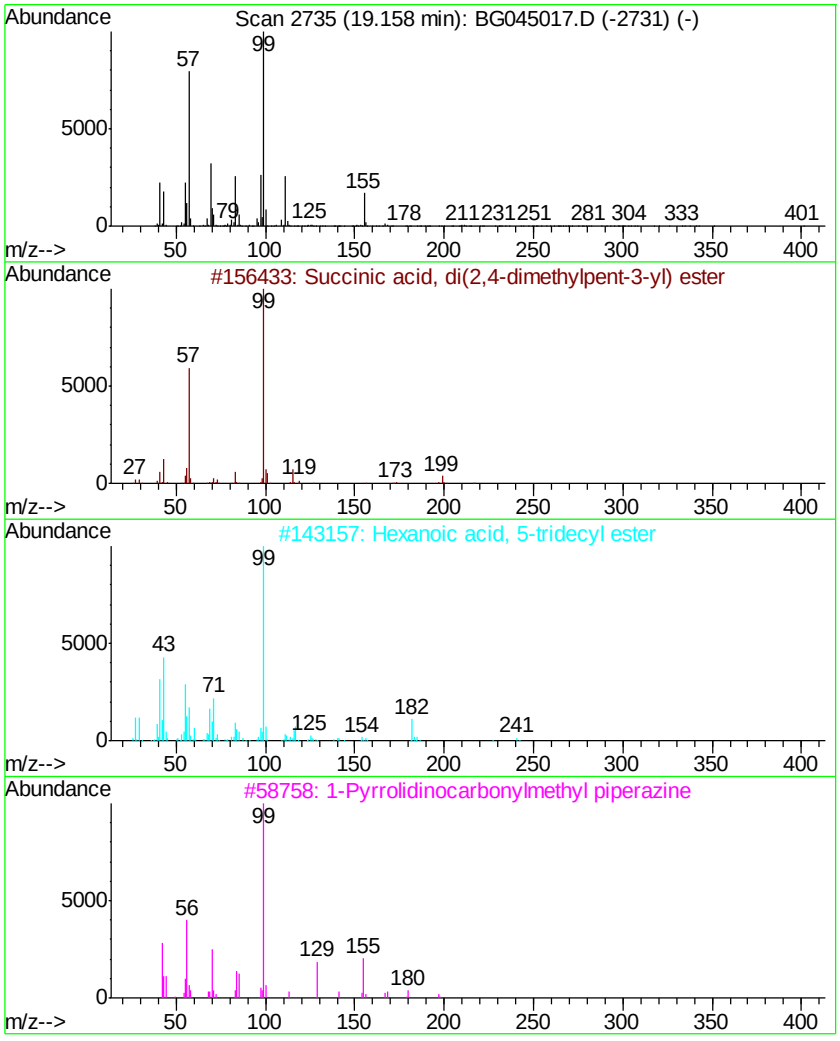
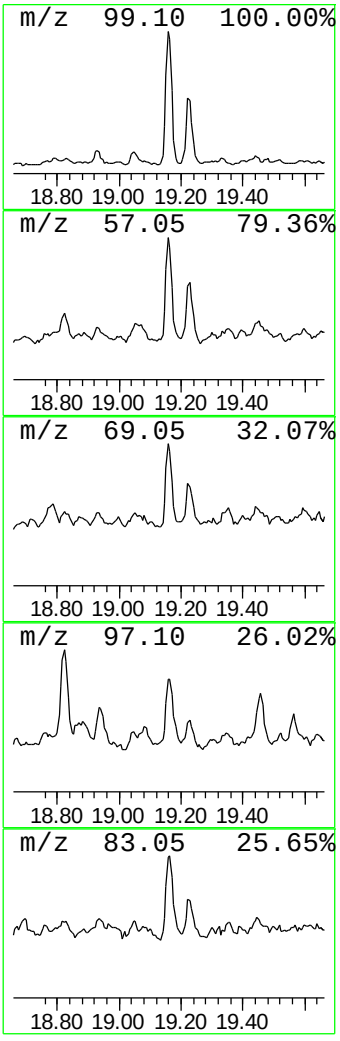
Peak Number 15 unknown19.16 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.16	29.21 ng	2235030	Phenanthrene-d10	17.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Succinic acid, di(2,4-dimethylpe...	314	C18H34O4	1000349-36-7	38
2	Hexanoic acid, 5-tridecyl ester	298	C19H38O2	1000279-29-4	38
3	1-Pyrrolidinocarbonylmethyl pipe...	197	C10H19N3O	039890-45-4	37
4	Hexanoic acid, 6-tridecyl ester	298	C19H38O2	1000279-29-5	37
5	4,8,12,16-Tetramethylheptadecan-...	324	C21H40O2	096168-15-9	37





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041620\
Data File : BG045017.D
Acq On : 16 Apr 2020 22:10
Operator : CG/JU
Sample : L2279-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OILY-STONE-POTHEAD

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.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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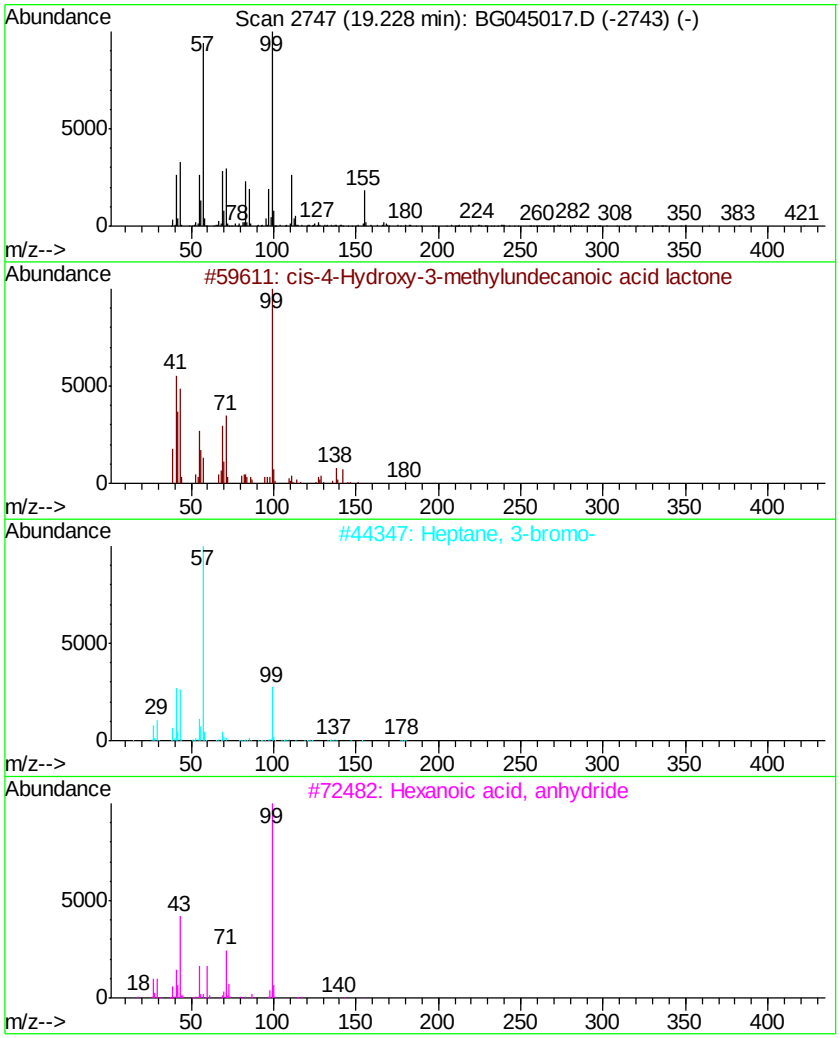
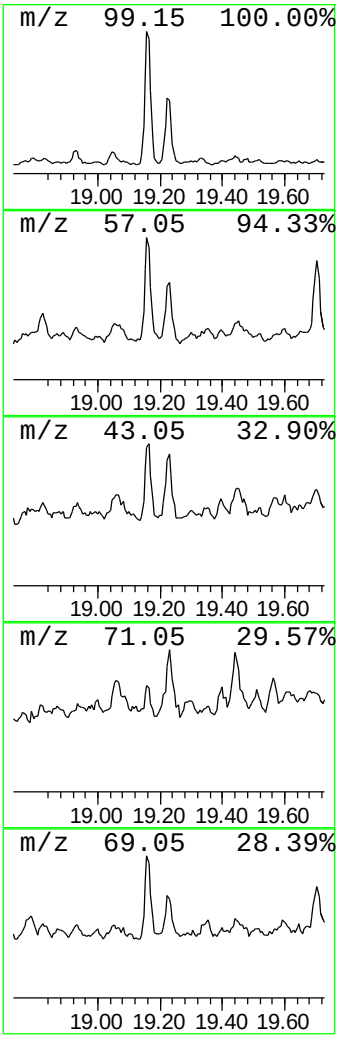
Peak Number 16 unknown19.23 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.23	18.08 ng	1383230	Phenanthrene-d10	17.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-4-Hydroxy-3-methylundecanoic...	198	C12H22O2	148806-09-1	43
2	Heptane, 3-bromo-	178	C7H15Br	001974-05-6	38
3	Hexanoic acid, anhydride	214	C12H22O3	002051-49-2	38
4	n-Heptyl methylphosphonofluoridate	196	C8H18FO2P	162085-82-7	27
5	N-Phenyl-N'-(2-piperazin-1-yl-et...	276	C14H20N4O2	332404-00-9	27





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041620\
Data File : BG045017.D
Acq On : 16 Apr 2020 22:10
Operator : CG/JU
Sample : L2279-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OILY-STONE-POTHEAD

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.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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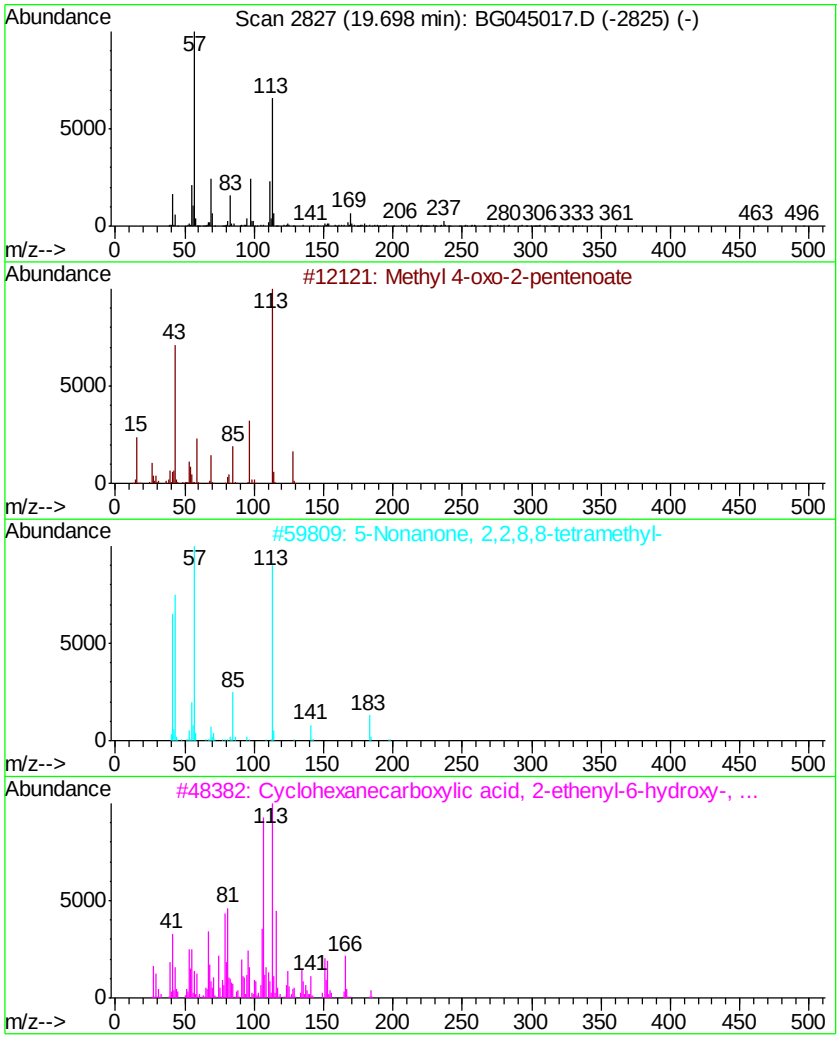
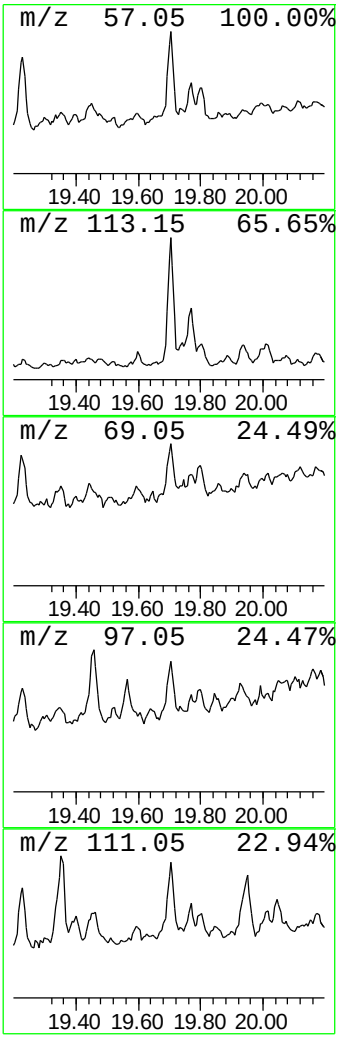
Peak Number 17 unknown19.70 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.70	7.81 ng	783282	Chrysene-d12	21.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl 4-oxo-2-pentenoate	128	C6H8O3	004188-88-9	32
2	5-Nonanone, 2,2,8,8-tetramethyl-	198	C13H26O	005709-95-5	32
3	Cyclohexanecarboxylic acid, 2-et...	184	C10H16O3	113122-03-5	18
4	Pyrazole, 3-nitro-	113	C3H3N3O2	026621-44-3	16
5	2,4,4-Trimethyl-1-pentanol, trif...	226	C10H17F3O2	1000365-19-5	14





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041620\
Data File : BG045017.D
Acq On : 16 Apr 2020 22:10
Operator : CG/JU
Sample : L2279-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OILY-STONE-POTHEAD

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.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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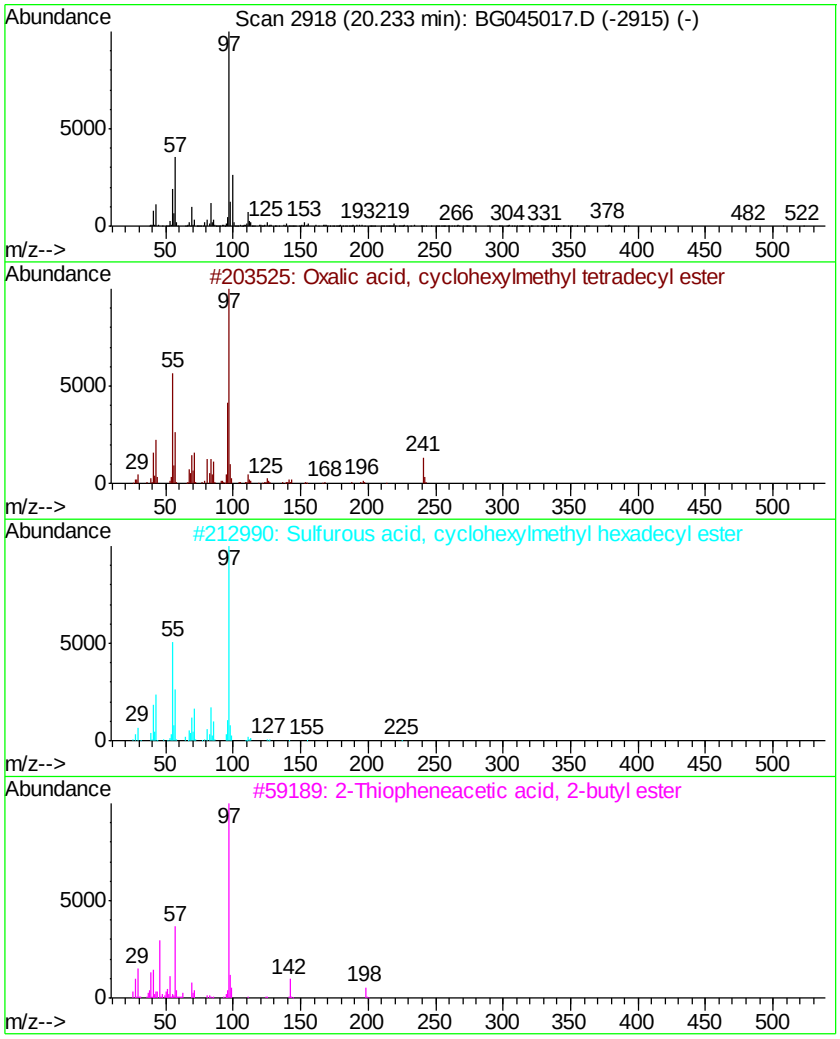
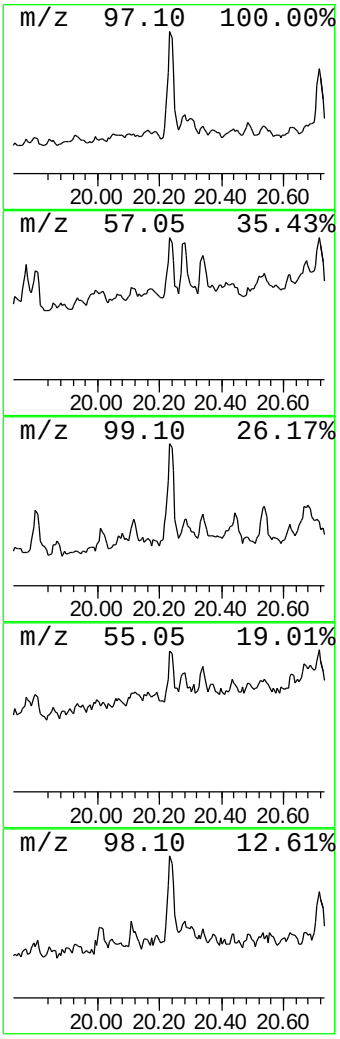
Peak Number 18 Oxalic acid, cyclohexylmeth... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.23	11.69 ng	1172240	Chrysene-d12	21.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, cyclohexylmethyl te...	382	C23H42O4	1000309-69-0	64
2	Sulfurous acid, cyclohexylmethyl...	402	C23H46O3S	1000309-22-4	59
3	2-Thiopheneacetic acid, 2-butyl ...	198	C10H14O2S	1000278-92-0	59
4	Sulfurous acid, cyclohexylmethyl...	262	C13H26O3S	1000309-21-5	53
5	Sulfurous acid, cyclohexylmethyl...	206	C9H18O3S	1000309-21-2	53





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041620\
Data File : BG045017.D
Acq On : 16 Apr 2020 22:10
Operator : CG/JU
Sample : L2279-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OILY-STONE-POTHEAD

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.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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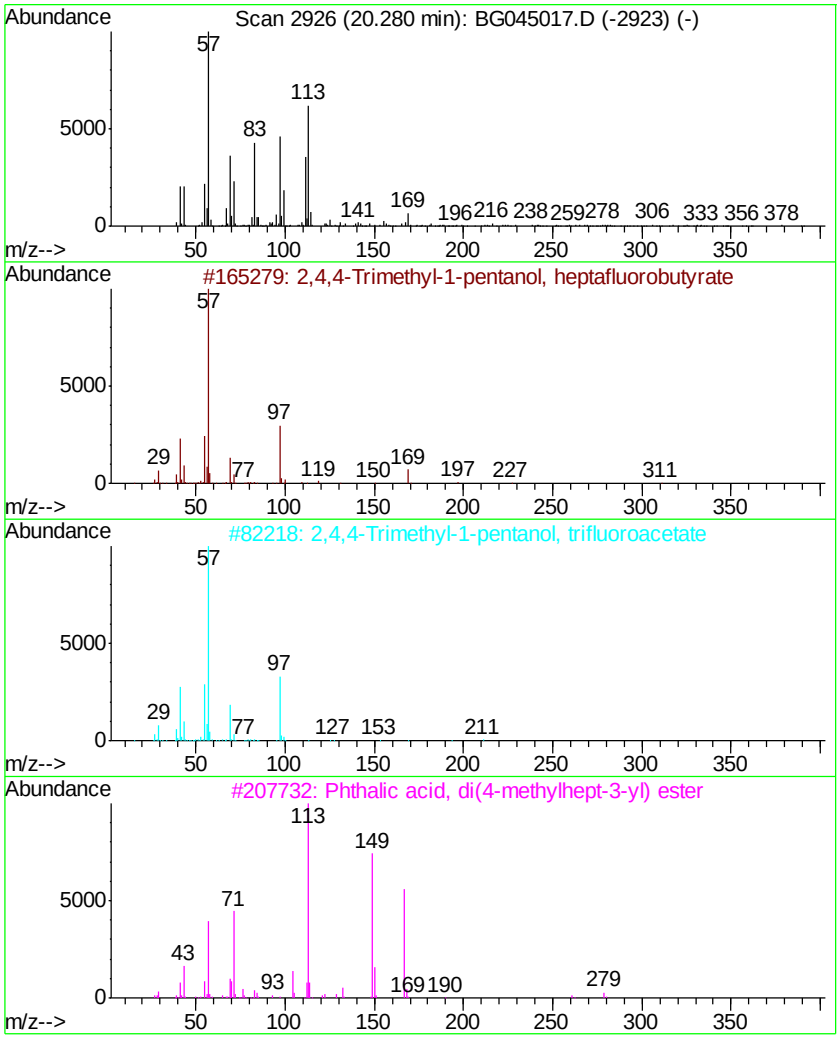
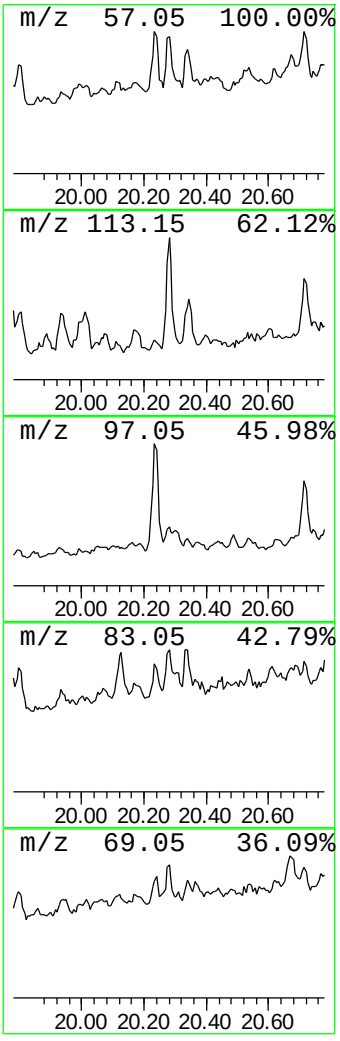
Peak Number 19 unknown20.28 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.28	6.39 ng	640846	Chrysene-d12	21.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,4-Trimethyl-1-pentanol, hept...	326	C12H17F7O2	1000365-01-4	14
2	2,4,4-Trimethyl-1-pentanol, trif...	226	C10H17F3O2	1000365-19-5	14
3	Phthalic acid, di(4-methylhept-3...	390	C24H38O4	1000377-95-4	12
4	Hexanoic acid, pyrrolidide	169	C10H19NO	1000336-06-8	12
5	Heptane, 2-methyl-	114	C8H18	000592-27-8	11





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041620\
Data File : BG045017.D
Acq On : 16 Apr 2020 22:10
Operator : CG/JU
Sample : L2279-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OILY-STONE-POTHEAD

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.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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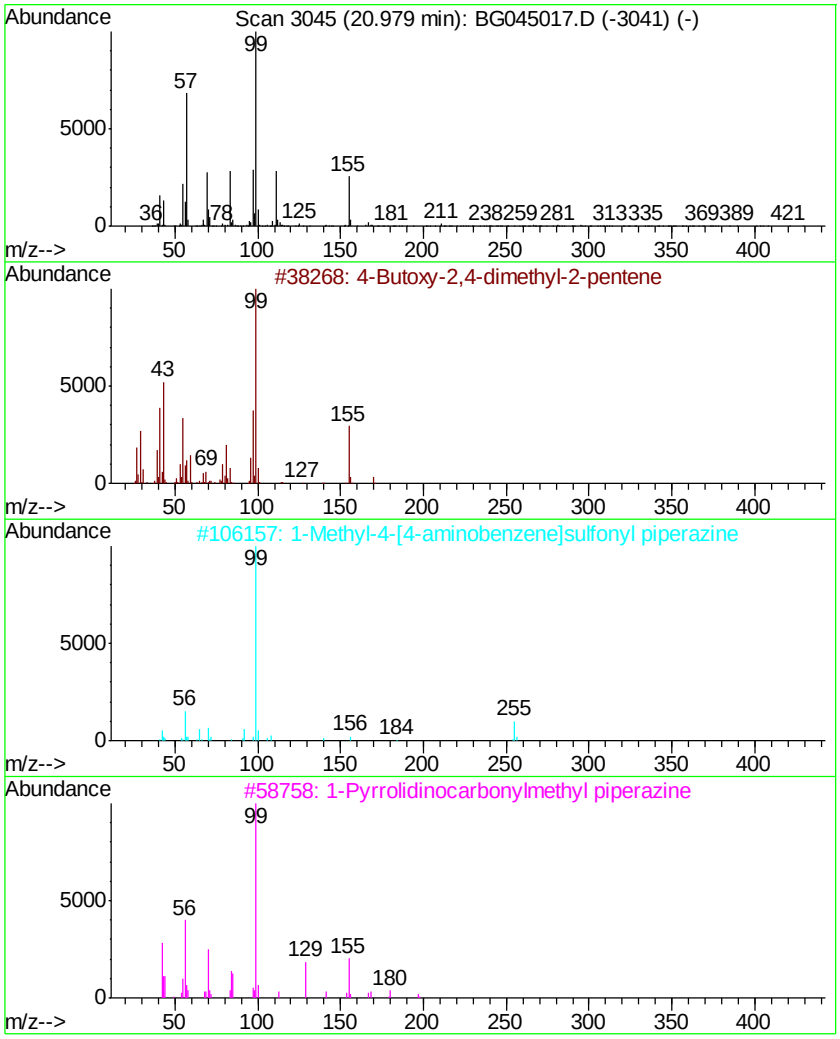
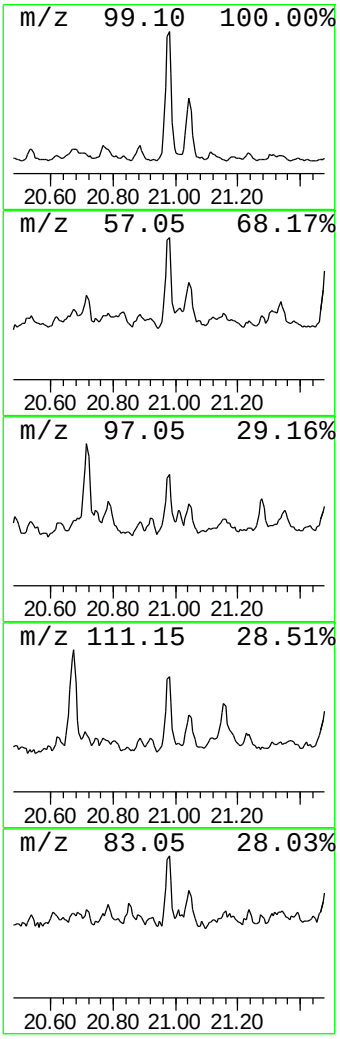
Peak Number 20 unknown20.98 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.98	20.00 ng	2005300	Chrysene-d12	21.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Butoxy-2,4-dimethyl-2-pentene	170	C11H22O	1000159-08-7	45
2	1-Methyl-4-[4-aminobenzene]sulfo...	255	C11H17N3O2S	021623-68-7	43
3	1-Pyrrolidinocarbonylmethyl pipe...	197	C10H19N3O	039890-45-4	40
4	4-Piperidone	99	C5H9NO	041661-47-6	38
5	N-(3-Chloro-2-methyl-phenyl)-N'-...	324	C15H21ClN4O2	1000294-79-6	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG041620\
Data File : BG045017.D
Acq On : 16 Apr 2020 22:10
Operator : CG/JU
Sample : L2279-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OILY-STONE-POTHEAD

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.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
4,8,12,16-Tetrame...	13.72	5.1	ng	434973	3	14.65	1694280	20.0
1-(2-Hydroxyethyl...	14.50	2.2	ng	183727	3	14.65	1694280	20.0
Cyclohexane, 1-et...	15.61	4.0	ng	335219	3	14.65	1694280	20.0
unknown15.92	15.92	2.1	ng	181396	3	14.65	1694280	20.0
unknown16.81	16.81	19.3	ng	1477630	4	17.40	1530380	20.0
unknown16.88	16.88	7.5	ng	577620	4	17.40	1530380	20.0
Tetradecane	17.23	5.3	ng	404465	4	17.40	1530380	20.0
unknown17.49	17.49	10.6	ng	809176	4	17.40	1530380	20.0
unknown17.56	17.56	7.2	ng	547364	4	17.40	1530380	20.0
Pentadecane	17.64	4.8	ng	364140	4	17.40	1530380	20.0
Sulfurous acid, c...	18.21	20.7	ng	1587050	4	17.40	1530380	20.0
unknown18.36	18.36	5.4	ng	413233	4	17.40	1530380	20.0
unknown18.60	18.60	6.5	ng	494139	4	17.40	1530380	20.0
unknown19.16	19.16	29.2	ng	2235030	4	17.40	1530380	20.0
unknown19.23	19.23	18.1	ng	1383230	4	17.40	1530380	20.0
unknown19.70	19.70	7.8	ng	783282	5	21.67	2005300	20.0
Oxalic acid, cycl...	20.23	11.7	ng	1172240	5	21.67	2005300	20.0
unknown20.28	20.28	6.4	ng	640846	5	21.67	2005300	20.0
unknown20.98	20.98	20.0	ng	2005300	5	21.67	2005300	20.0