LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062019\
Data File : BG041358.D
Acq On : 20 Jun 2019 15:50
Operator : HP/JU
Sample : K3163-11 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SU-03-061719-B

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-BG061719.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	5.616	424	430	442	rBV	295503	517524	1.64%	0.495%
2	7.238	694	706	719	rBV	325809	616542	1.95%	0.590%
3	7.608	762	769	783	rVB	329956	600210	1.90%	0.574%
4	8.401	897	904	918	rBV	266343	470309	1.49%	0.450%
5	9.259	1042	1050	1063	rBV	226624	436111	1.38%	0.417%
6	10.904	1323	1330	1335	rBV	198338	351277	1.11%	0.336%
7	12.772	1639	1648	1655	rBV2	142138	326665	1.04%	0.312%
8	13.337	1738	1744	1752	rVB	579499	847702	2.69%	0.811%
9	13.495	1765	1771	1777	rBV	218189	328505	1.04%	0.314%
10	14.564	1948	1953	1960	rVB	281314	379574	1.20%	0.363%
11	14.717	1969	1979	1985	rVB2	300922	530417	1.68%	0.507%
12	15.516	2105	2115	2120	rBV	340553	492283	1.56%	0.471%
13	15.763	2151	2157	2168	rVB	212275	383514	1.22%	0.367%
14	16.210	2226	2233	2238	rBV2	458979	749764	2.38%	0.717%
15	16.374	2256	2261	2268	rBV	341905	596674	1.89%	0.571%
16	17.167	2392	2396	2400	rBV	309765	368230	1.17%	0.352%
17	17.467	2441	2447	2450	rBV2	415643	646719	2.05%	0.619%
18	17.508	2450	2454	2464	rVB	1058295	1583545	5.02%	1.515%
19	17.596	2464	2469	2474	rBV	312929	462104	1.46%	0.442%
20	17.908	2518	2522	2528	rVB	262744	317141	1.01%	0.303%
21	18.096	2548	2554	2559	rVB	6085390	7704081	24.41%	7.369%
22	18.331	2589	2594	2599	rBV2	660660	1013522	3.21%	0.969%
23	18.384	2599	2603	2611	rVB	333107	491106	1.56%	0.470%
24	18.536	2622	2629	2633	rBV3	511411	1016814	3.22%	0.973%
25	19.247	2742	2750	2752	rBV	15647261	25149915	79.70%	24.056%
26	19.282	2752	2756	2764	rVV2	20254794	31556175	100.00%	30.184%
27	19.388	2770	2774	2780	rVV	3002111	3498470	11.09%	3.346%
28	19.453	2780	2785	2788	rBV	766154	1300664	4.12%	1.244%
29	19.488	2788	2791	2793	rVV	1232148	1757617	5.57%	1.681%
30	19.517	2793	2796	2801	rVB	1927867	2846112	9.02%	2.722%
31	19.588	2806	2808	2817	rVB5	223895	432672	1.37%	0.414%
32	19.753	2832	2836	2840	rBV2	668438	867612	2.75%	0.830%
33	19.847	2848	2852	2854	rBV2	334841	486688	1.54%	0.466%
34	19.888	2854	2859	2865	rVB	2086122	3151229	9.99%	3.014%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062019\
Data File : BG041358.D
Acq On : 20 Jun 2019 15:50
Operator : HP/JU
Sample : K3163-11 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SU-03-061719-B

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-BG061719.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	20.064	2885	2889	2893	rVB	1068536	1291307	4.09%	1.235%
36	20.205	2908	2913	2916	rBV4	246486	454864	1.44%	0.435%
37	20.246	2916	2920	2923	rVV3	416931	510503	1.62%	0.488%
38	20.328	2931	2934	2936	rBV3	213326	327297	1.04%	0.313%
39	20.364	2937	2940	2948	rVB	862363	1280590	4.06%	1.225%
40	20.469	2953	2958	2962	rBV2	757639	1065044	3.38%	1.019%
41	20.528	2965	2968	2972	rVB	301342	329248	1.04%	0.315%
42	20.710	2996	2999	3006	rVB2	336310	553980	1.76%	0.530%
43	20.787	3009	3012	3016	rBV4	210902	334897	1.06%	0.320%
44	21.492	3129	3132	3140	rVB	311066	444643	1.41%	0.425%
45	21.733	3167	3173	3180	rBV2	937380	2451144	7.77%	2.345%
46	21.797	3180	3184	3194	rVB	835018	1427018	4.52%	1.365%
47	22.496	3299	3303	3311	rVB3	237455	448691	1.42%	0.429%
48	24.012	3555	3561	3568	rBV2	454240	1350737	4.28%	1.292%

Sum of corrected areas: 104547450

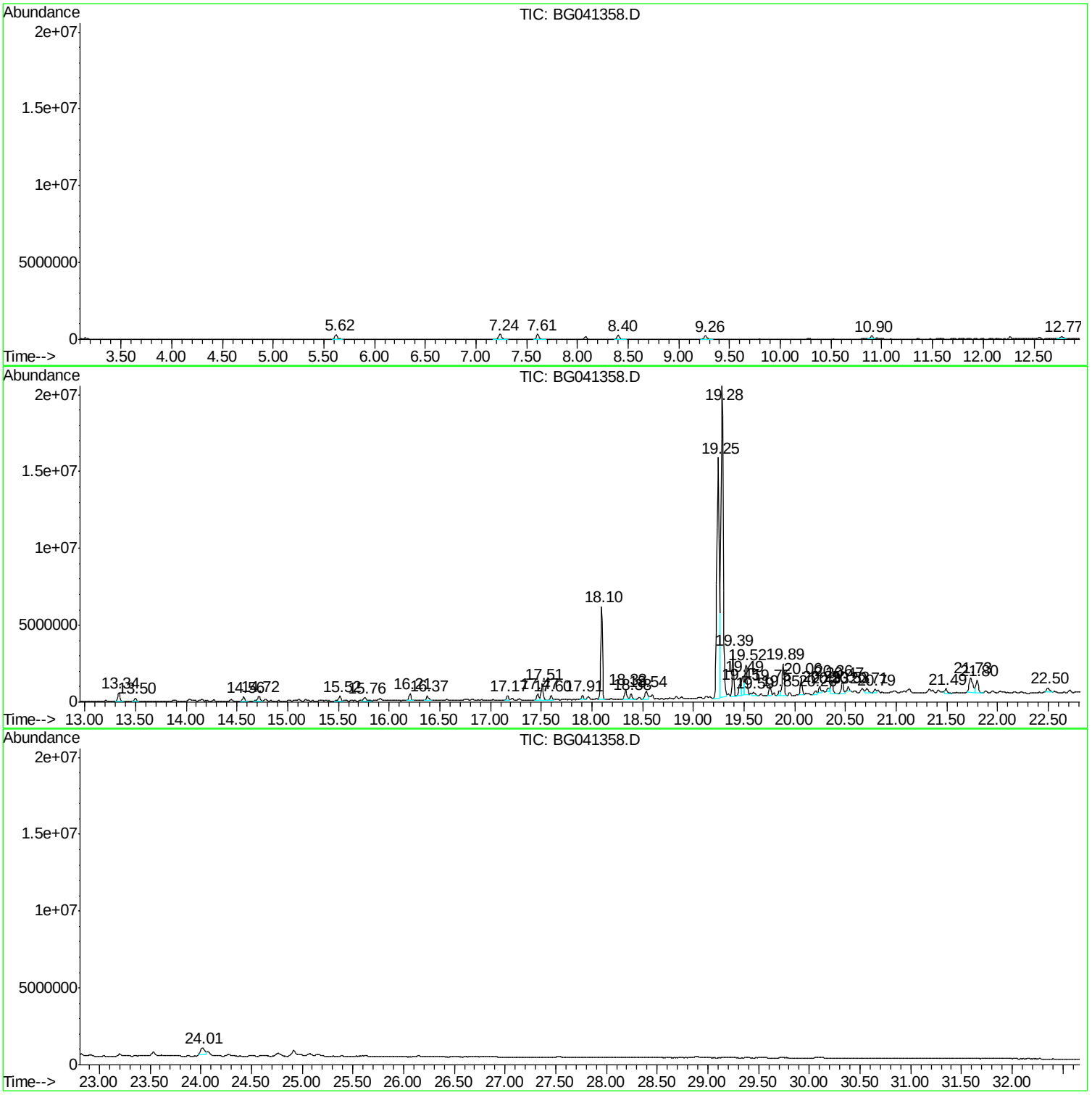
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062019\
Data File : BG041358.D
Acq On : 20 Jun 2019 15:50
Operator : HP/JU
Sample : K3163-11 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SU-03-061719-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062019\
Data File : BG041358.D
Acq On : 20 Jun 2019 15:50
Operator : HP/JU
Sample : K3163-11 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SU-03-061719-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061719.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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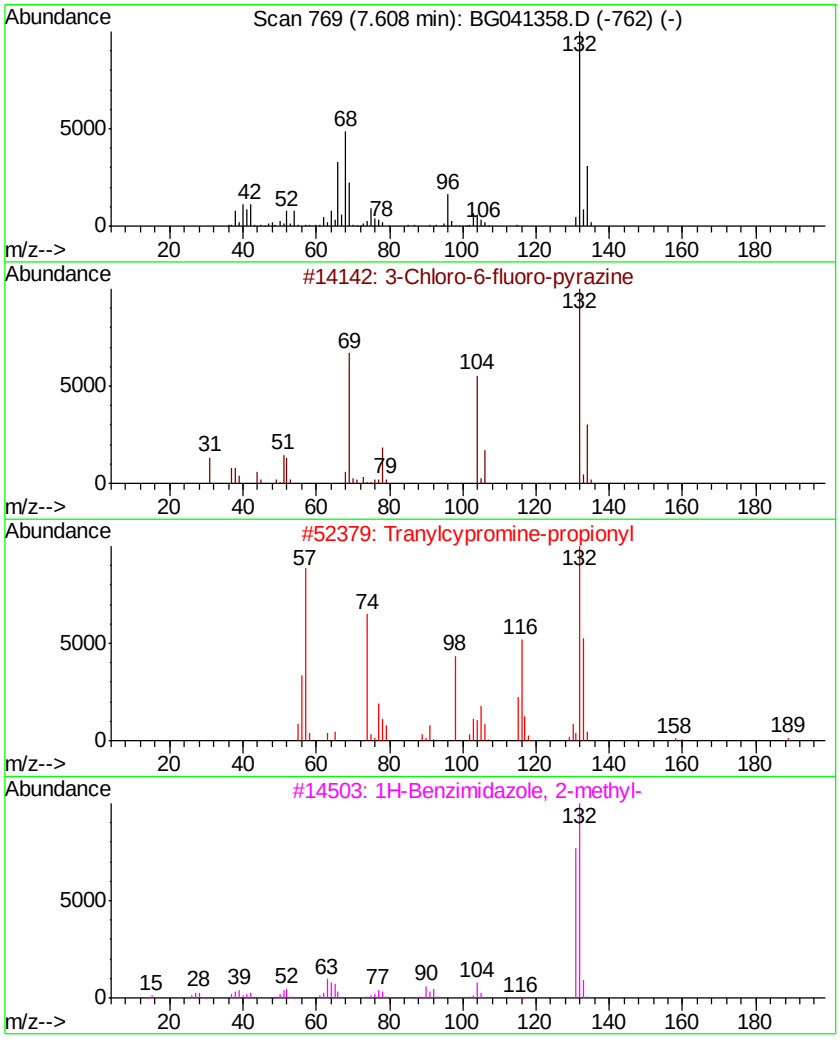
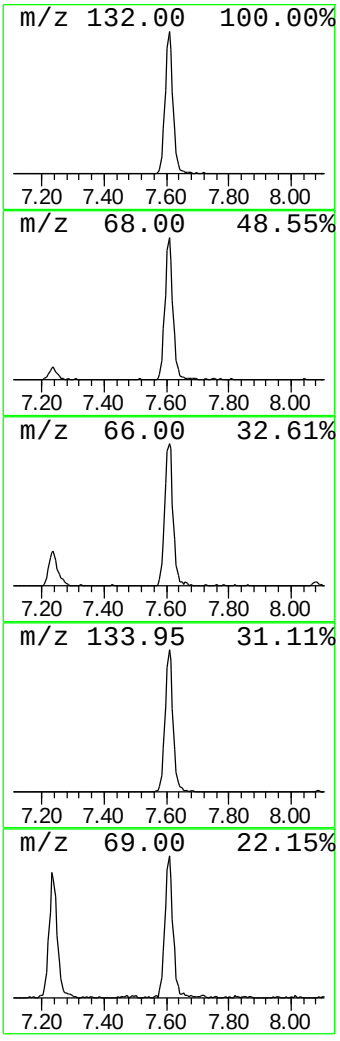
Peak Number 1 unknown7.61 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.61	25.52 ng	600210	1,4-Dichlorobenzene-d4	8.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	22
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4	5-Aminoindole	132	C8H8N2	005192-03-0	22
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062019\
Data File : BG041358.D
Acq On : 20 Jun 2019 15:50
Operator : HP/JU
Sample : K3163-11 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SU-03-061719-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061719.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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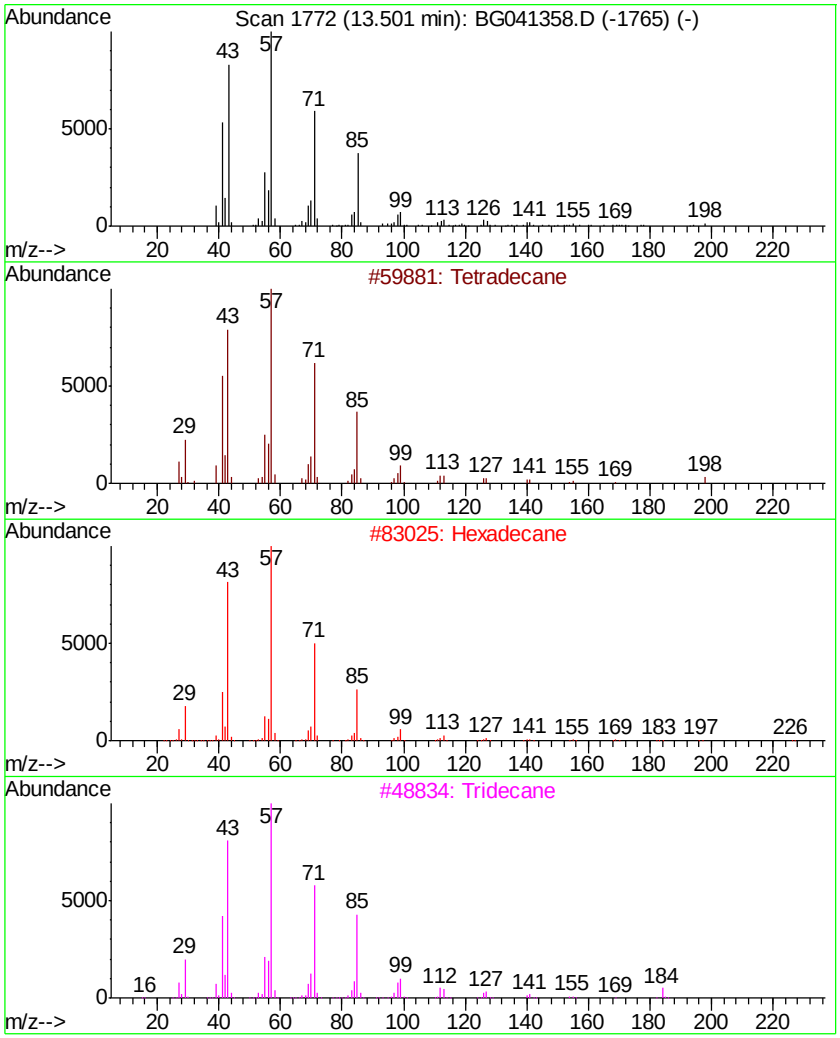
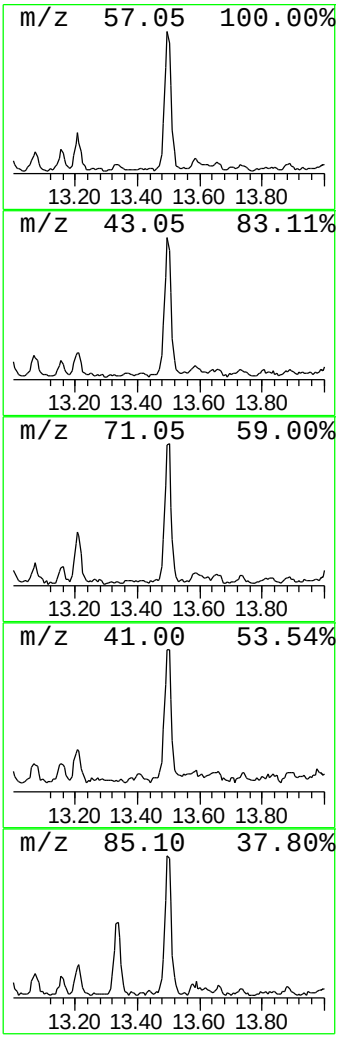
Peak Number 3 Tetradecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.50	12.39 ng	328505	Acenaphthene-d10	14.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	97
2	Hexadecane	226	C16H34	000544-76-3	90
3	Tridecane	184	C13H28	000629-50-5	86
4	Nonadecane	268	C19H40	000629-92-5	83
5	Undecane	156	C11H24	001120-21-4	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062019\
Data File : BG041358.D
Acq On : 20 Jun 2019 15:50
Operator : HP/JU
Sample : K3163-11 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SU-03-061719-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061719.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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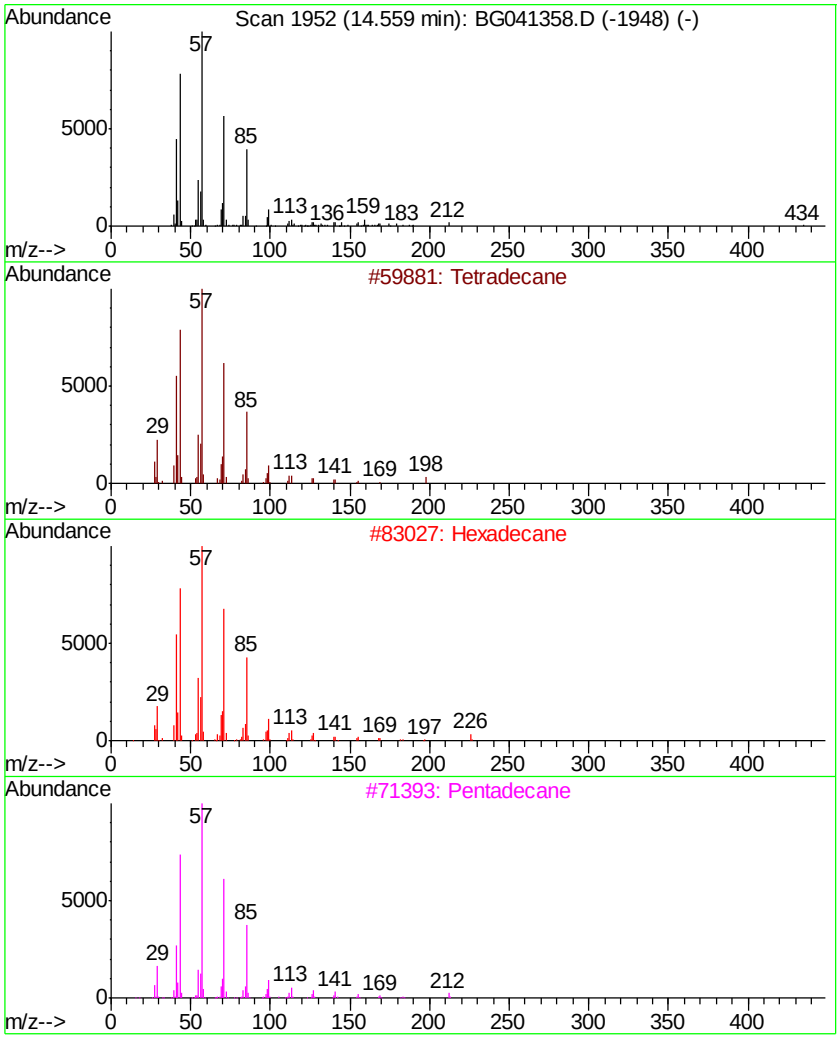
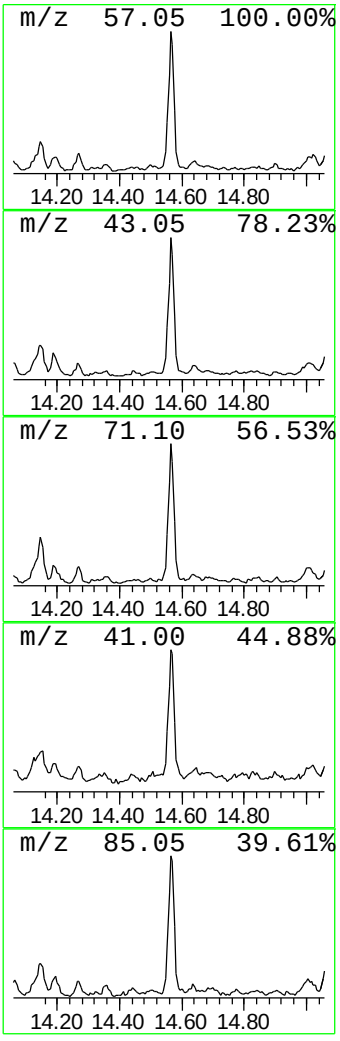
Peak Number 4 Pentadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.56	14.31 ng	379574	Acenaphthene-d10	14.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	91
2	Hexadecane	226	C16H34	000544-76-3	91
3	Pentadecane	212	C15H32	000629-62-9	90
4	Tridecane	184	C13H28	000629-50-5	86
5	Decane, 3-methyl-	156	C11H24	013151-34-3	74





Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062019\
Data File : BG041358.D
Acq On : 20 Jun 2019 15:50
Operator : HP/JU
Sample : K3163-11 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SU-03-061719-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061719.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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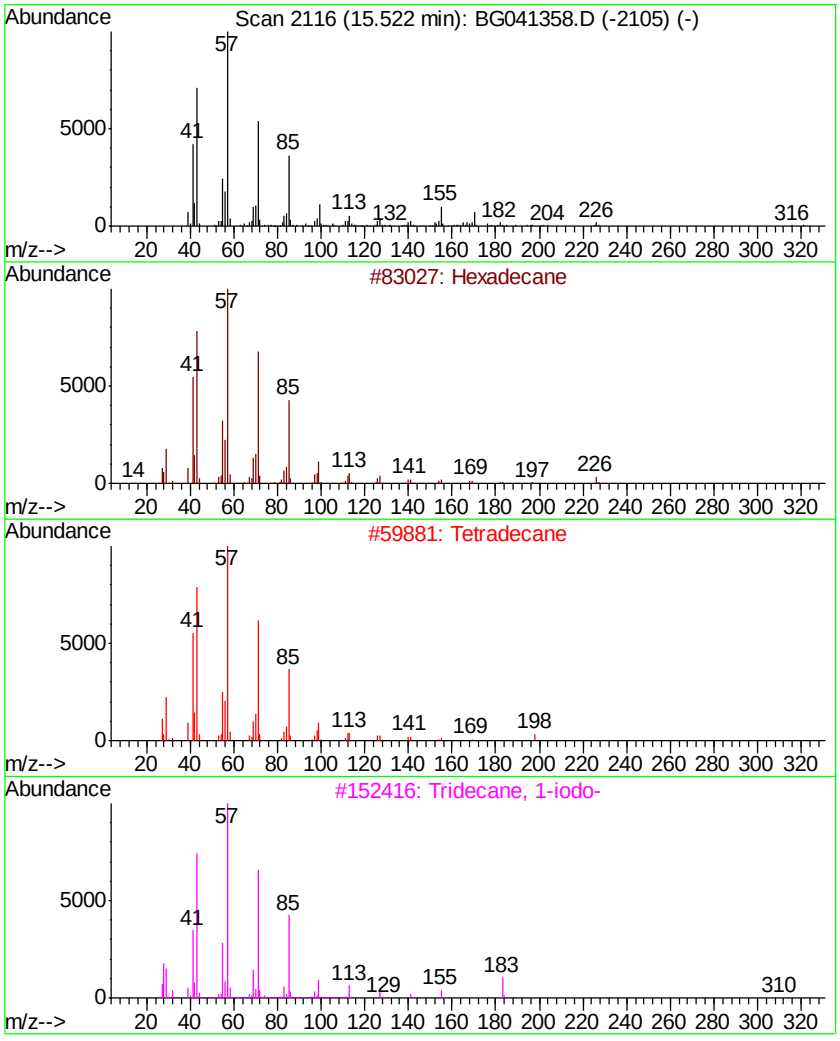
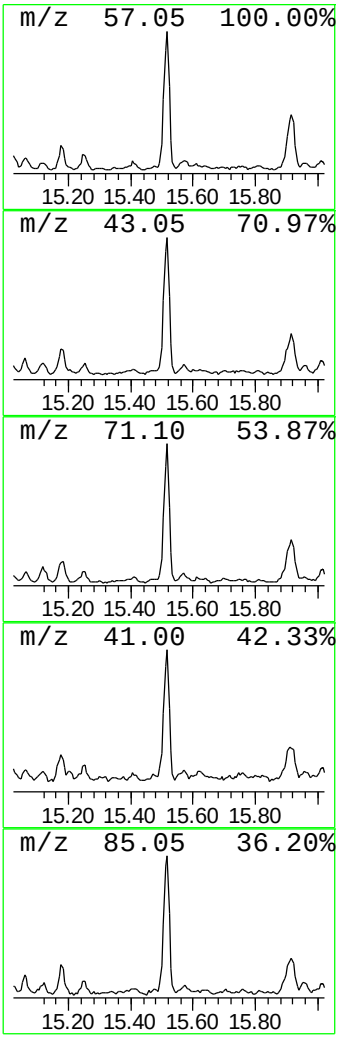
Peak Number 5 Hexadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.52	18.56 ng	492283	Acenaphthene-d10	14.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	97
2	Tetradecane	198	C14H30	000629-59-4	87
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86
4	Pentadecane	212	C15H32	000629-62-9	86
5	Tridecane	184	C13H28	000629-50-5	86





Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062019\
Data File : BG041358.D
Acq On : 20 Jun 2019 15:50
Operator : HP/JU
Sample : K3163-11 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SU-03-061719-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061719.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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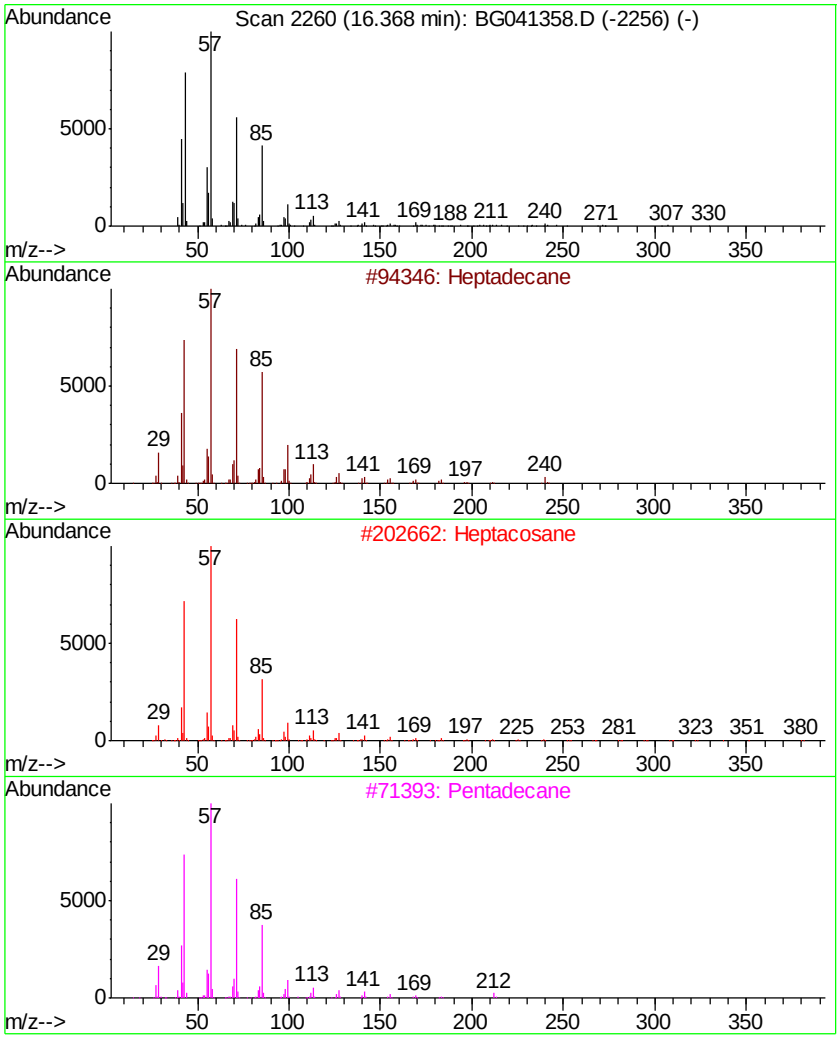
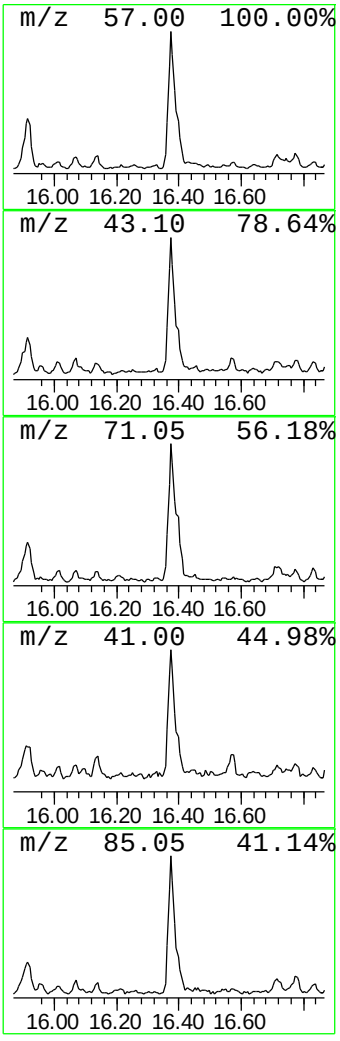
Peak Number 6 Heptadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.37	18.45 ng	596674	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	97
2	Heptacosane	380	C27H56	000593-49-7	91
3	Pentadecane	212	C15H32	000629-62-9	90
4	Tetracosane	338	C24H50	000646-31-1	90
5	Eicosane	282	C20H42	000112-95-8	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062019\
Data File : BG041358.D
Acq On : 20 Jun 2019 15:50
Operator : HP/JU
Sample : K3163-11 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SU-03-061719-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061719.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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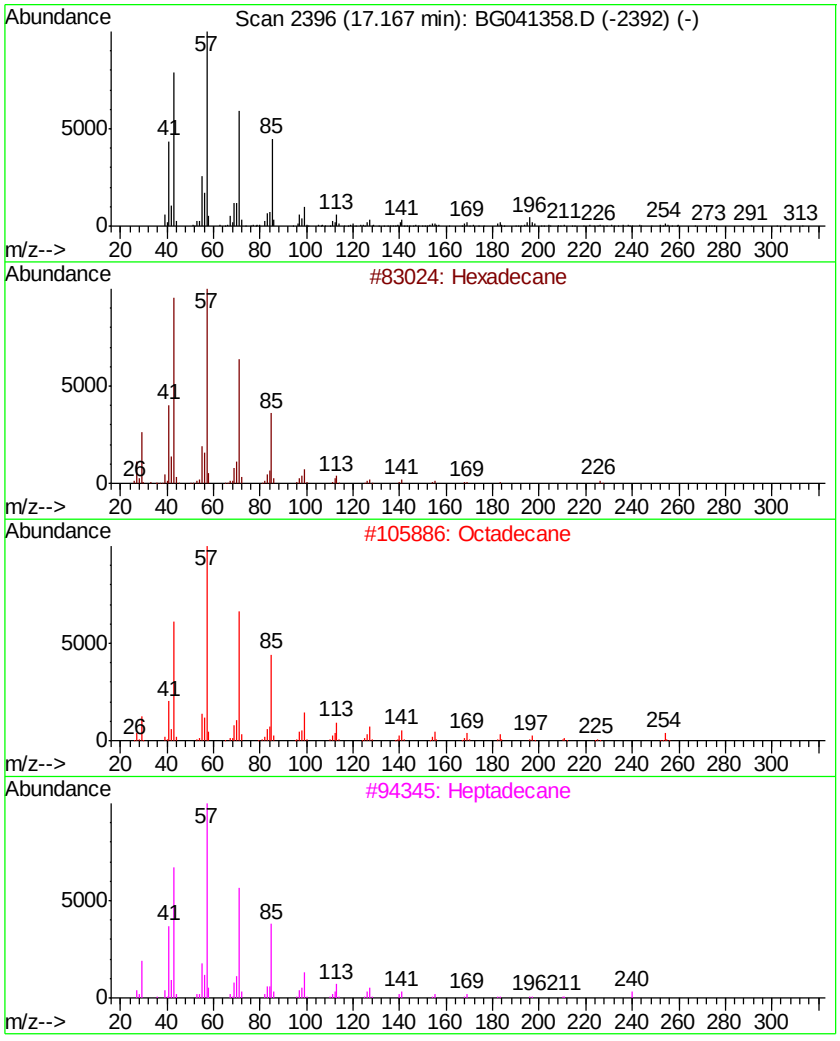
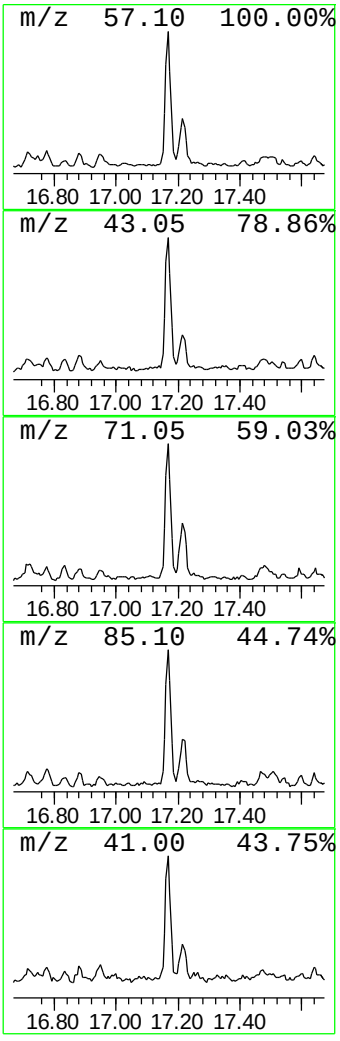
Peak Number 7 Octadecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.17	11.39 ng	368230	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	95
2	Octadecane	254	C18H38	000593-45-3	93
3	Heptadecane	240	C17H36	000629-78-7	93
4	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1000309-12-5	91
5	Eicosane	282	C20H42	000112-95-8	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062019\
Data File : BG041358.D
Acq On : 20 Jun 2019 15:50
Operator : HP/JU
Sample : K3163-11 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SU-03-061719-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061719.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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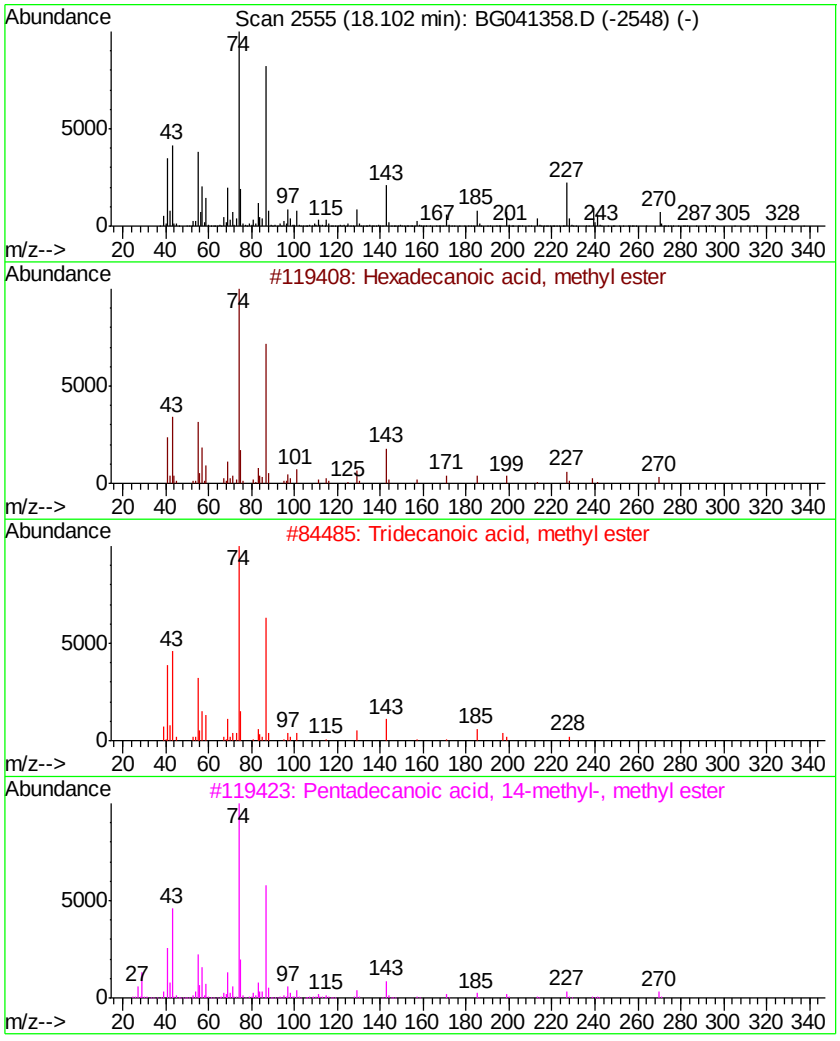
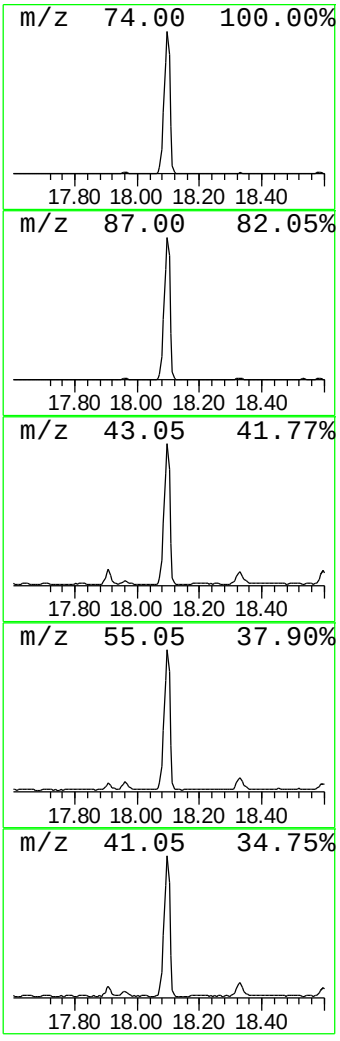
Peak Number 8 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.10	238.25 ng	7704080	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	96
2	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	95
3	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	93
4	Methyl tetradecanoate	242	C15H30O2	000124-10-7	87
5	Tridecanoic acid, 12-methyl-, me...	242	C15H30O2	005129-58-8	80





Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062019\
Data File : BG041358.D
Acq On : 20 Jun 2019 15:50
Operator : HP/JU
Sample : K3163-11 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SU-03-061719-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

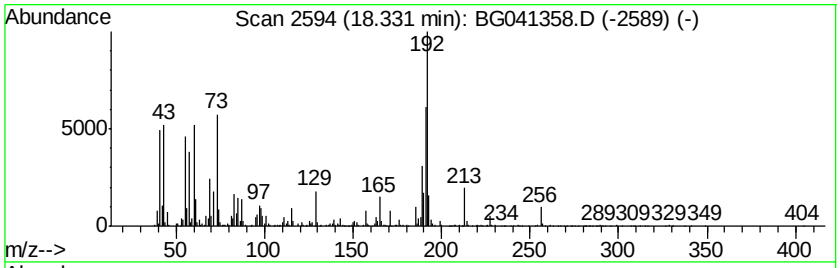
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

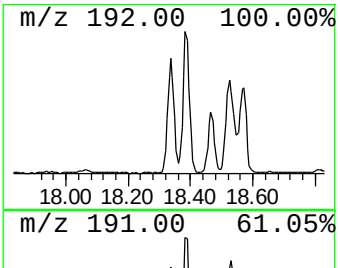
****

Peak Number 9 1H-Cyclopropa[l]phenanthren... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.33	31.34 ng	1013520	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90





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Acq On : 20 Jun 2019 15:50
Operator : HP/JU
Sample : K3163-11 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SU-03-061719-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061719.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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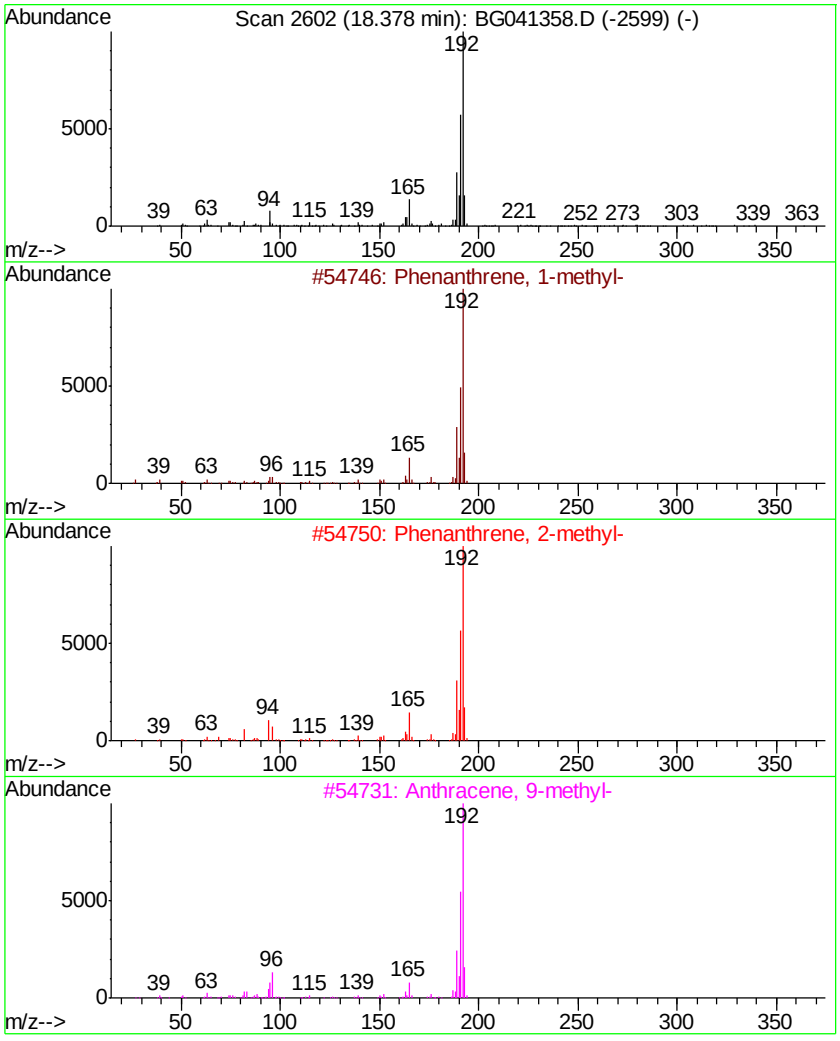
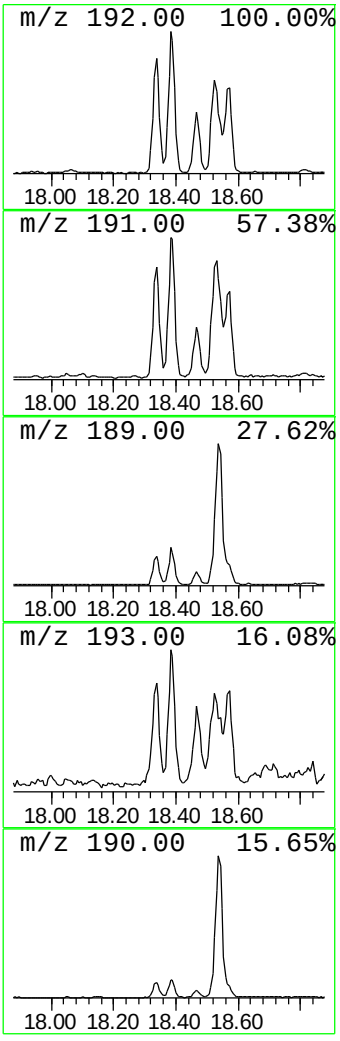
Peak Number 10 Phenanthrene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.38	15.19 ng	491106	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94





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Sample : K3163-11 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SU-03-061719-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061719.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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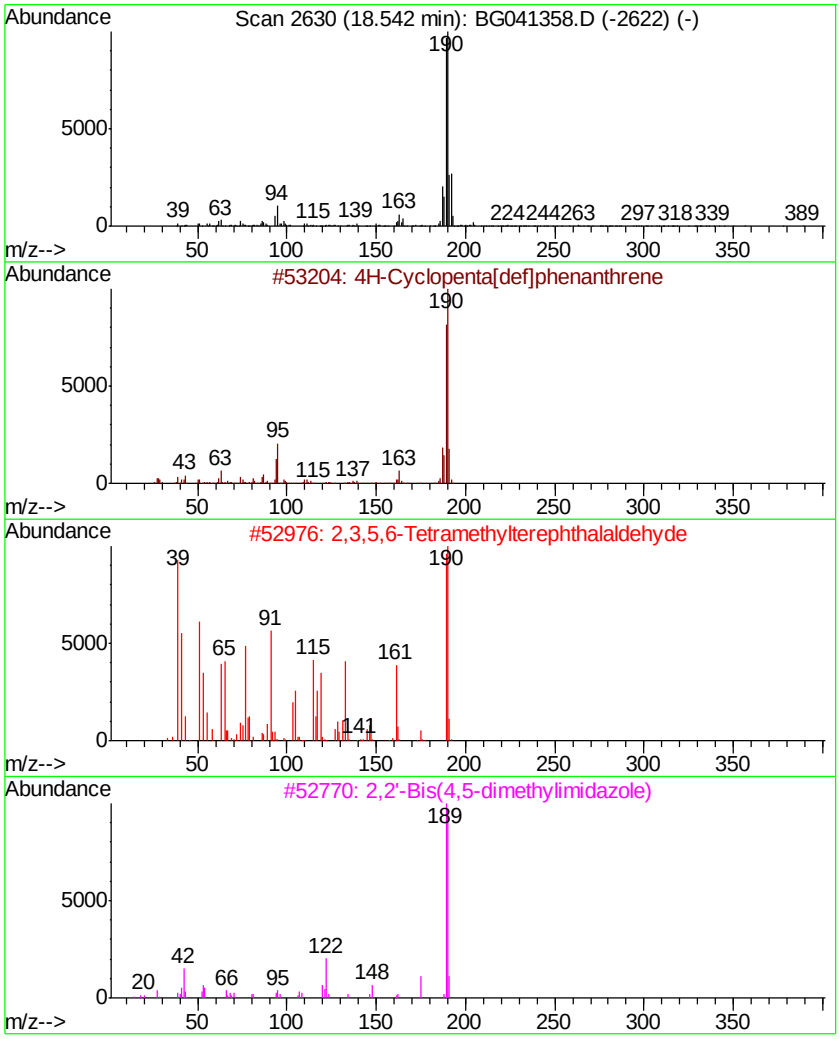
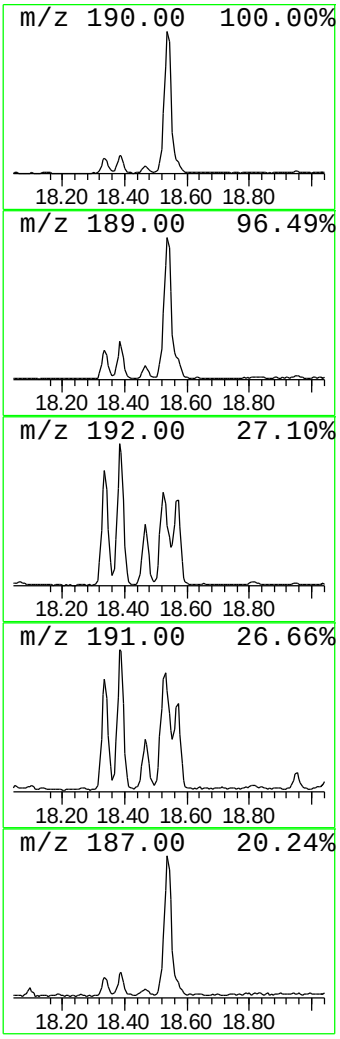
Peak Number 11 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.54	31.45 ng	1016810	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	89
2	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40
4	l-Alanine, n-pentafluoropropiony...	389	C17H28F5NO3	1000323-37-8	12
5	1-Aminocyclopentanecarboxylic ac...	375	C19H34ClNO4	1000329-17-1	12





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ClientSampleId : SU-03-061719-B

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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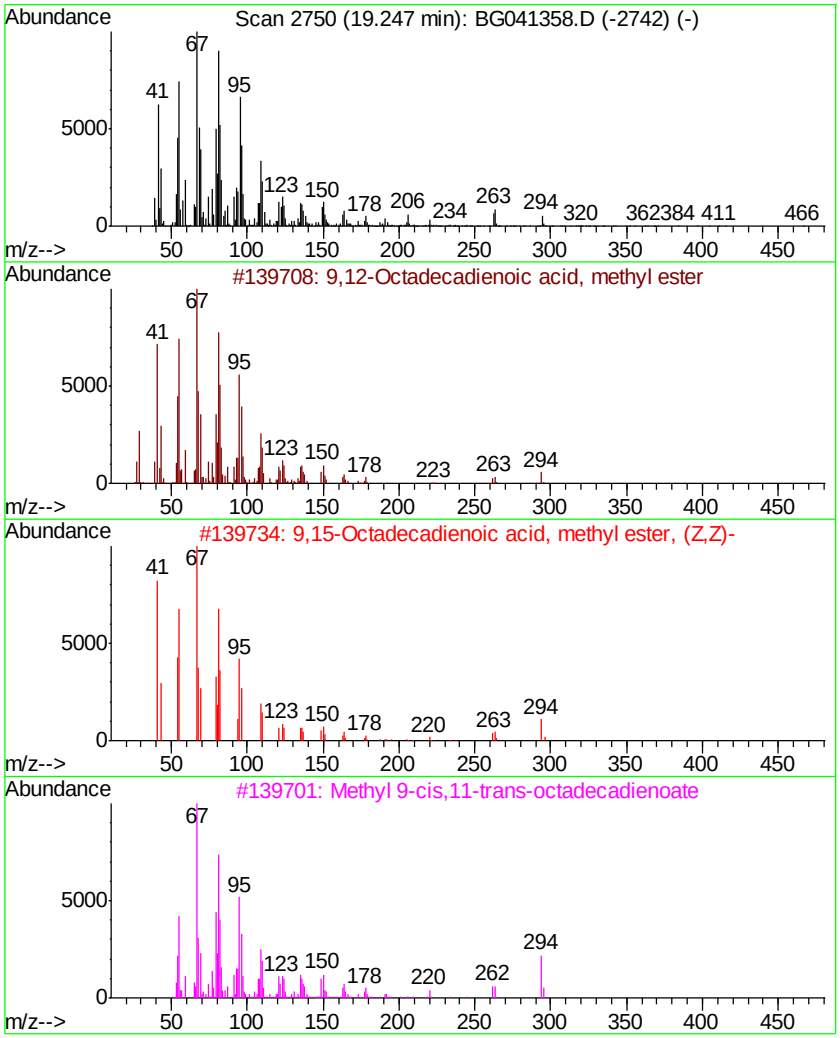
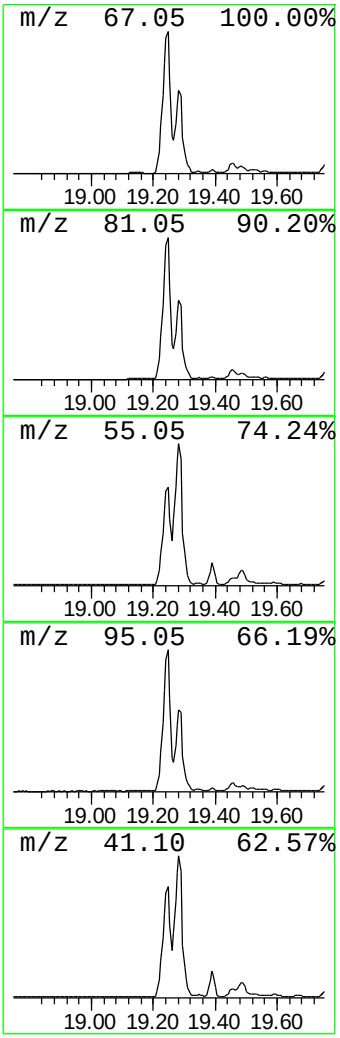
Peak Number 12 9,12-Octadecadienoic acid, ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.25	777.77 ng	25149900	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
2	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
3	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	1000336-44-0	99
4	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
5	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	98





Library Search Compound Report

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Operator : HP/JU
Sample : K3163-11 2X
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ClientSampleId : SU-03-061719-B

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

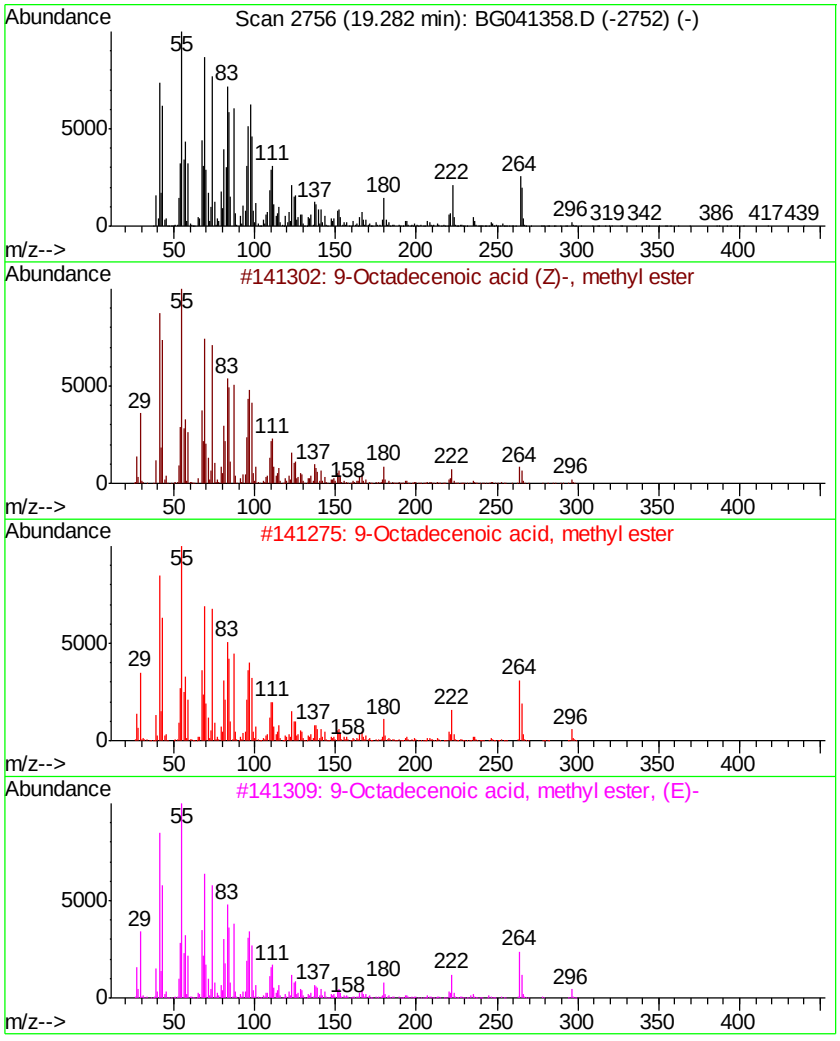
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

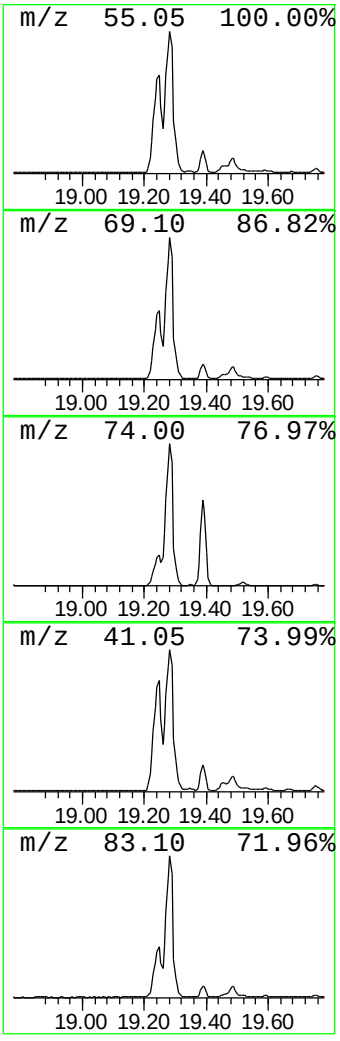
****

Peak Number 13 9-Octadecenoic acid (Z)-, m... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.28	975.89 ng	31556200	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
2	9-Octadecenoic acid, methyl ester	296	C19H36O2	002462-84-2	99
3	9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	99
4	11-Octadecenoic acid, methyl est...	296	C19H36O2	001937-63-9	99
5	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	99





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Instrument : BNA_G
ClientSampleId : SU-03-061719-B

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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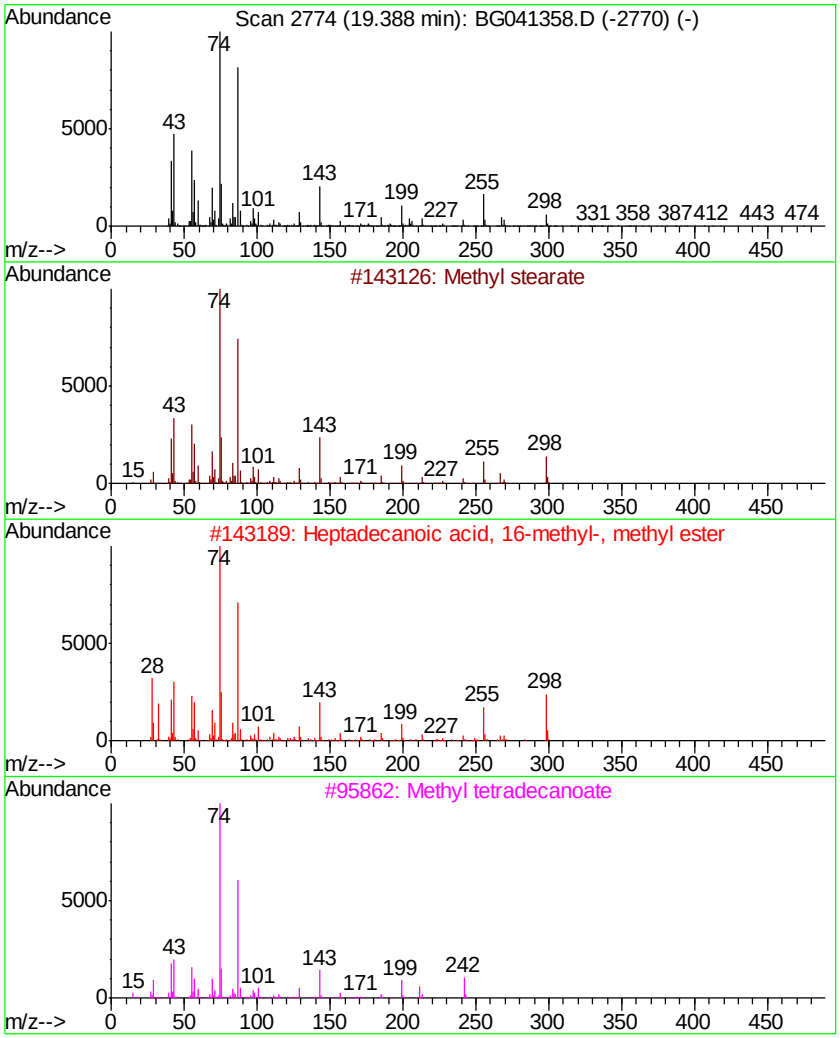
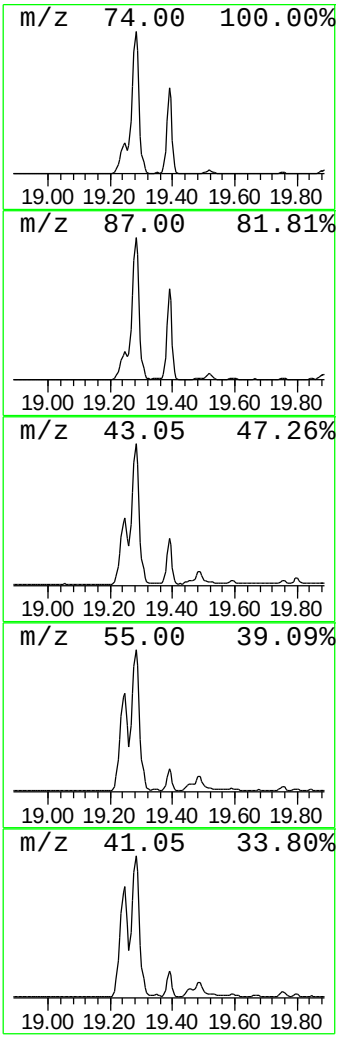
Peak Number 14 Methyl stearate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.39	108.19 ng	3498470	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl stearate	298	C19H38O2	000112-61-8	98
2	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	93
3	Methyl tetradecanoate	242	C15H30O2	000124-10-7	90
4	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	87
5	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	87





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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SU-03-061719-B

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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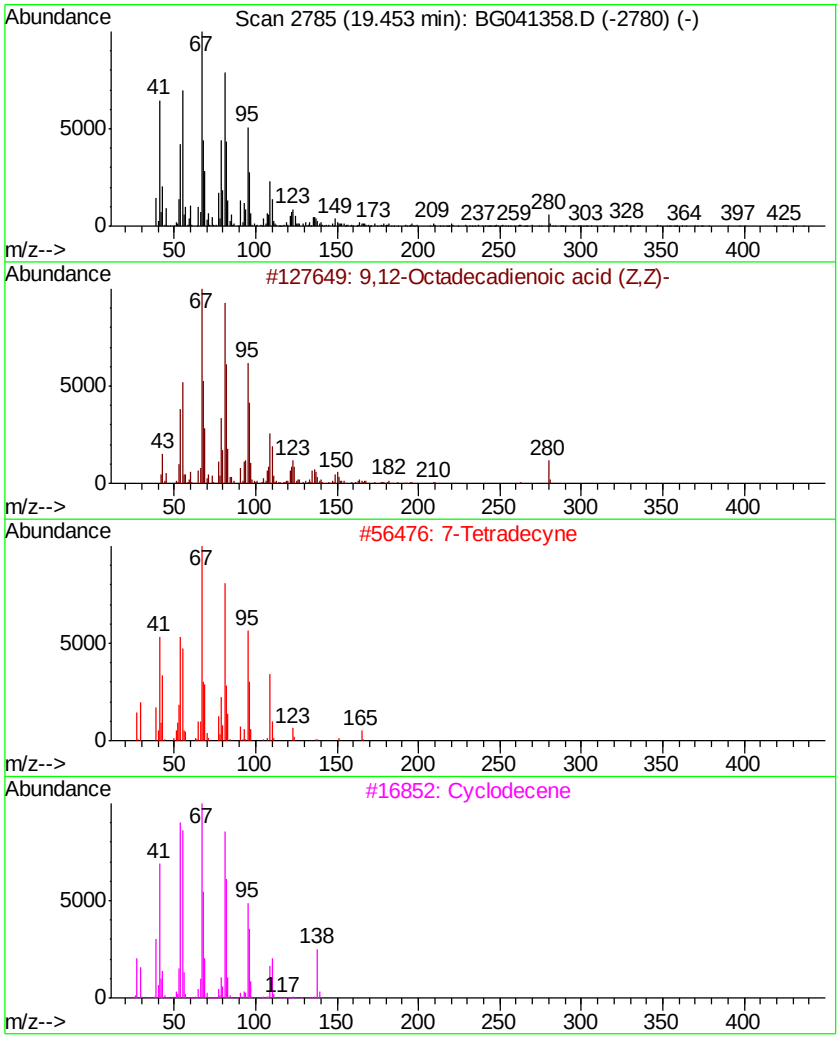
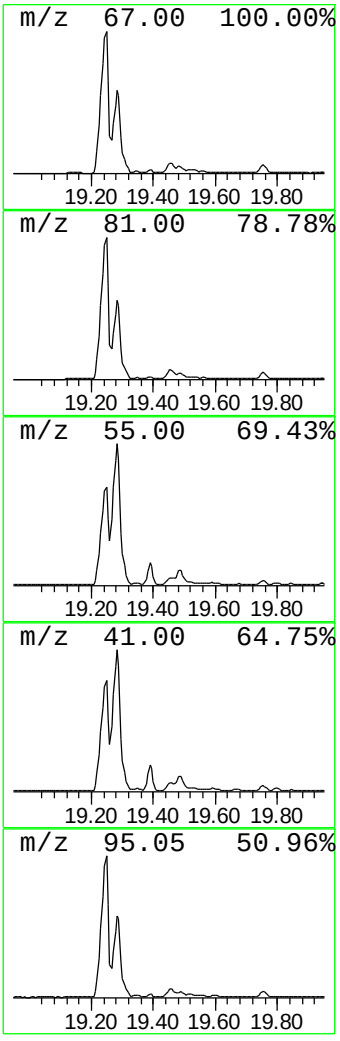
Peak Number 15 9,12-Octadecadienoic acid (... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.45	40.22 ng	1300660	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	97
2	7-Tetradecyne	194	C14H26	035216-11-6	72
3	Cyclodecene	138	C10H18	003618-12-0	70
4	4,5-Nonadiene, 2-methyl-	138	C10H18	055956-32-6	64
5	5-Dodecyne	166	C12H22	019780-12-2	58





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Sample : K3163-11 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SU-03-061719-B

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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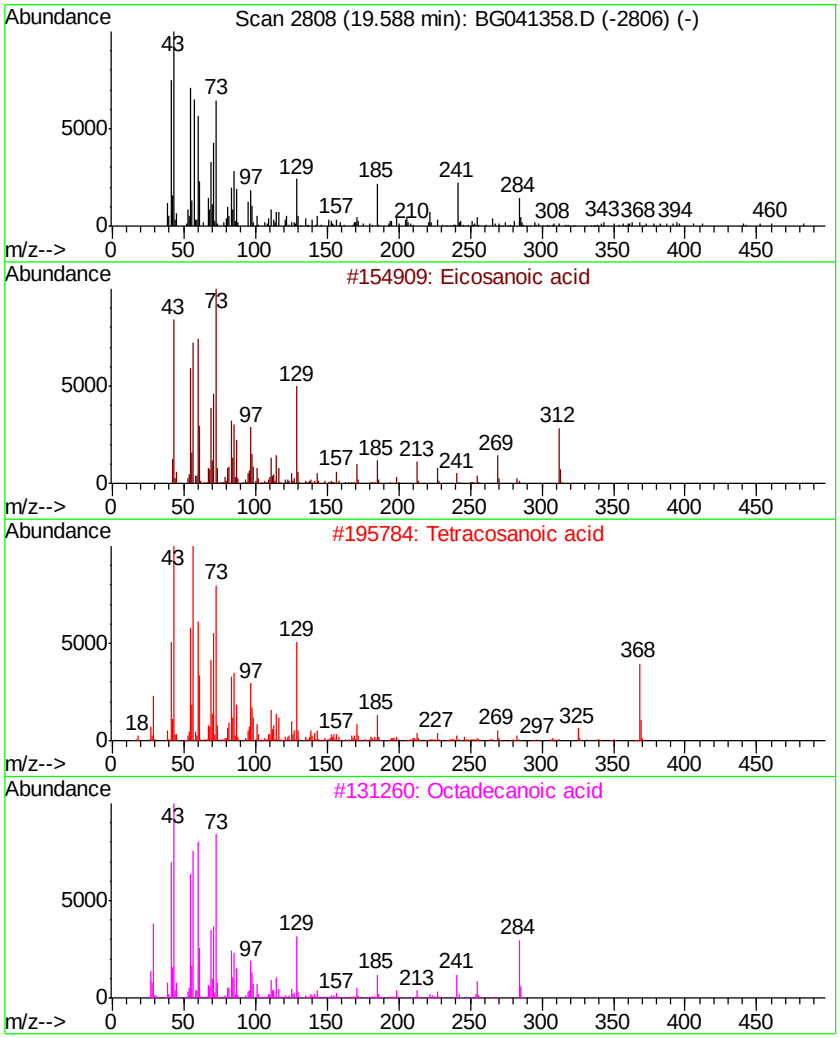
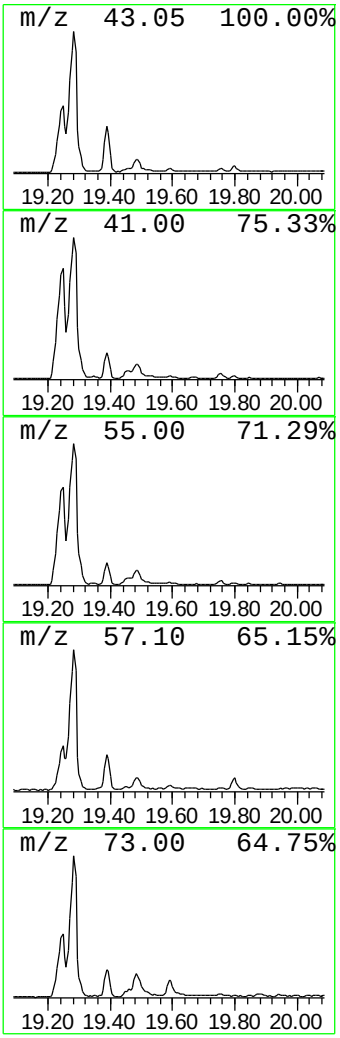
Peak Number 16 Eicosanoic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.59	13.38 ng	432672	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosanoic acid	312	C20H40O2	000506-30-9	93
2	Tetracosanoic acid	368	C24H48O2	000557-59-5	92
3	Octadecanoic acid	284	C18H36O2	000057-11-4	92
4	Heptadecanoic acid	270	C17H34O2	000506-12-7	55
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	46





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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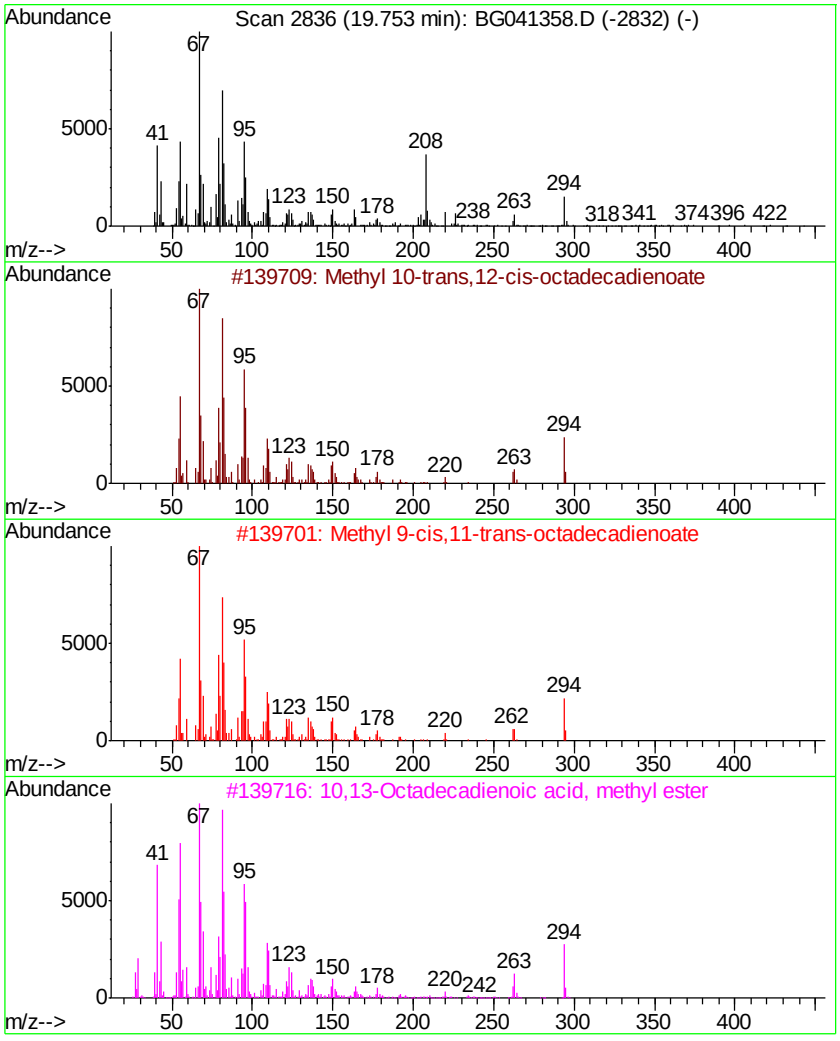
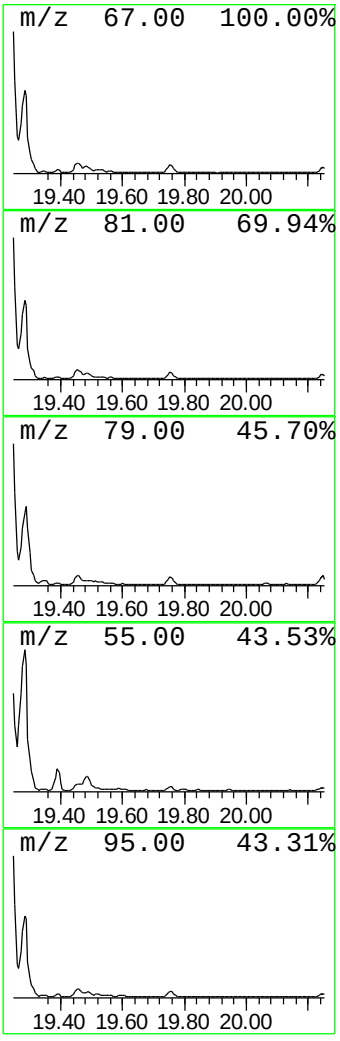
Peak Number 17 Methyl 10-trans,12-cis-octa... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.75	7.08 ng	867612	Chrysene-d12	21.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl 10-trans,12-cis-octadecad...	294	C19H34O2	1000336-44-2	97
2	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	1000336-44-0	97
3	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	92
4	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	90
5	9,11-Octadecadienoic acid, methy...	294	C19H34O2	013038-47-6	90





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Instrument : BNA_G
ClientSampleId : SU-03-061719-B

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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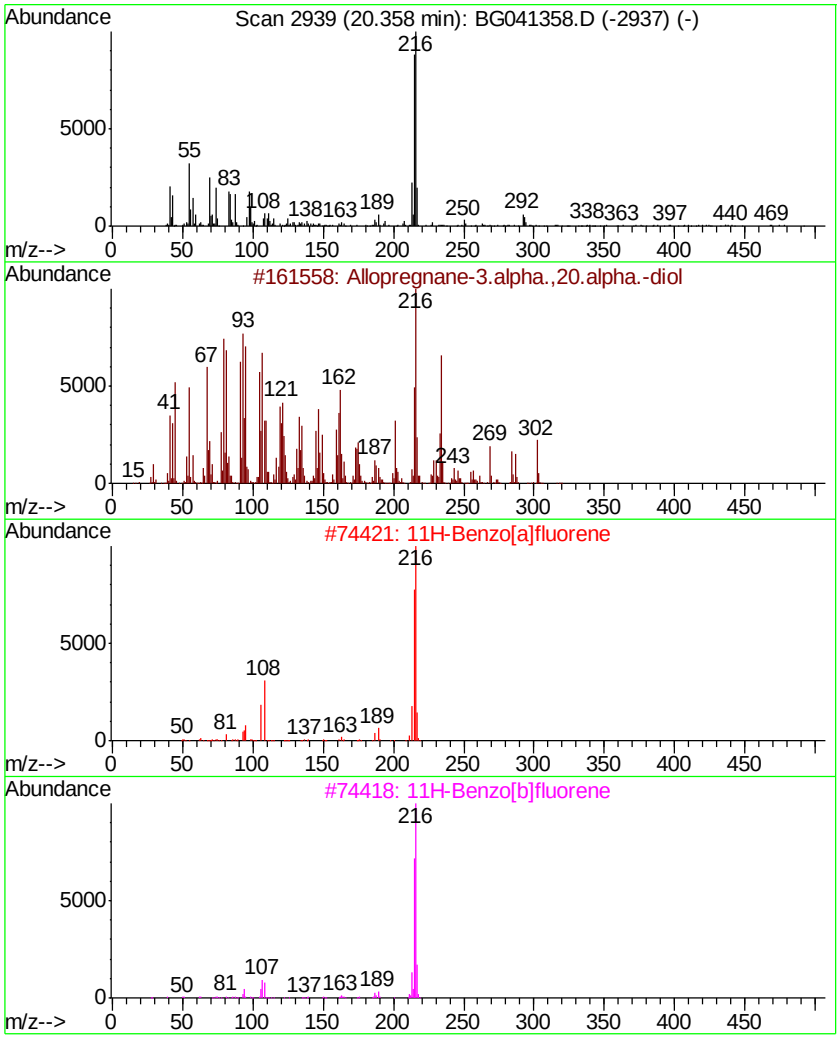
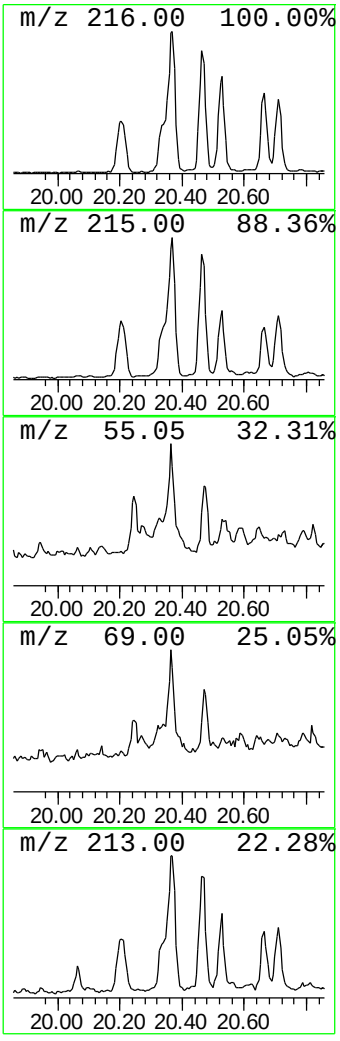
Peak Number 18 Allopregnane-3.alpha.,20.al... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.36	10.45 ng	1280590	Chrysene-d12	21.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Allopregnane-3.alpha.,20.alpha.-...	320	C21H36O2	000566-58-5	92
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	76
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	64
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	64





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Misc :
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Instrument : BNA_G
ClientSampleId : SU-03-061719-B

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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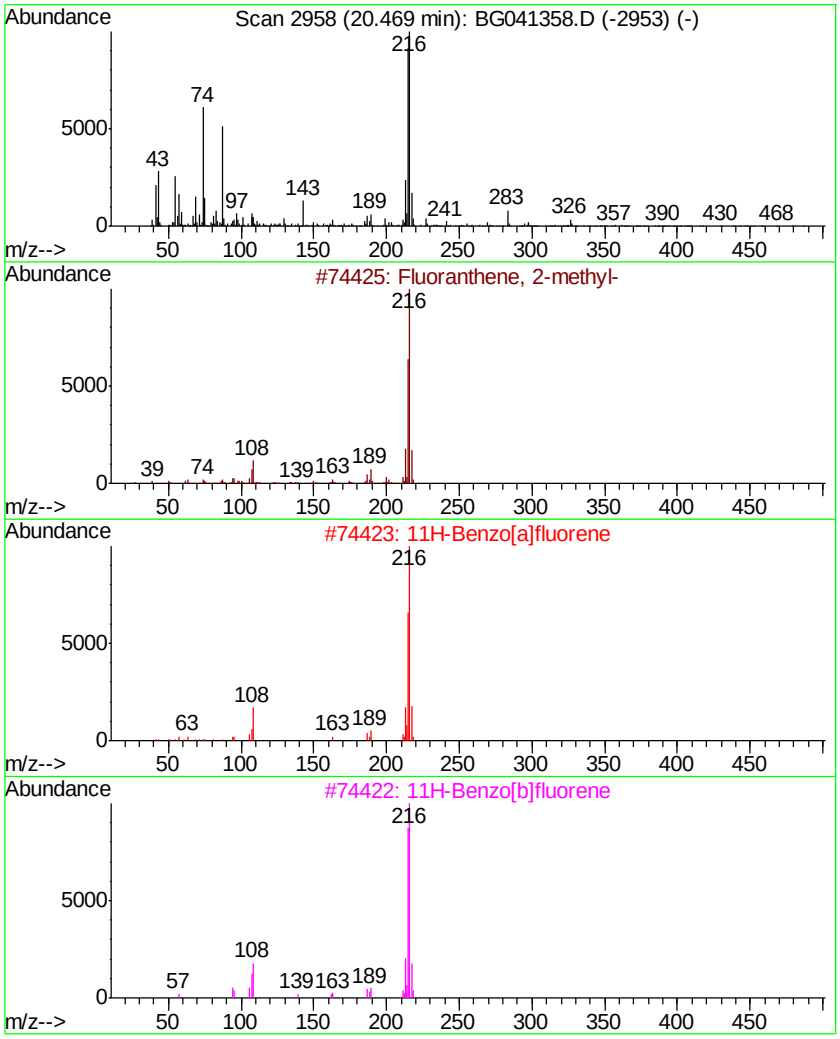
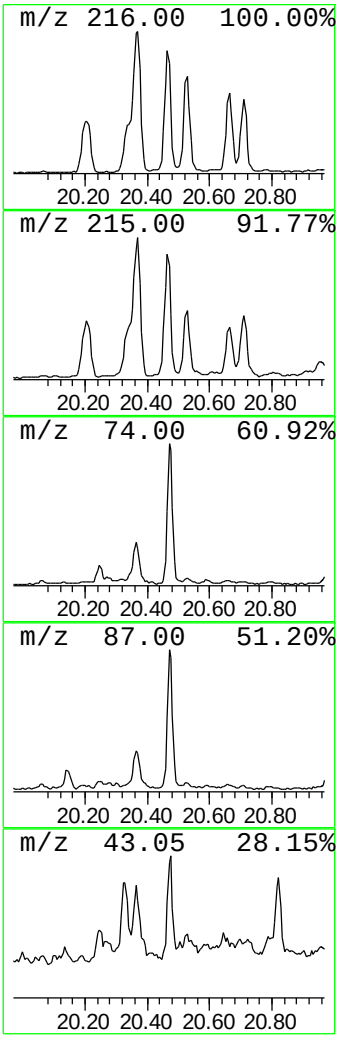
Peak Number 19 Fluoranthene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.47	8.69 ng	1065040	Chrysene-d12	21.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	78
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	78
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	78
4	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	64
5	Eicosanoic acid, methyl ester	326	C21H42O2	001120-28-1	64





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ClientSampleId : SU-03-061719-B

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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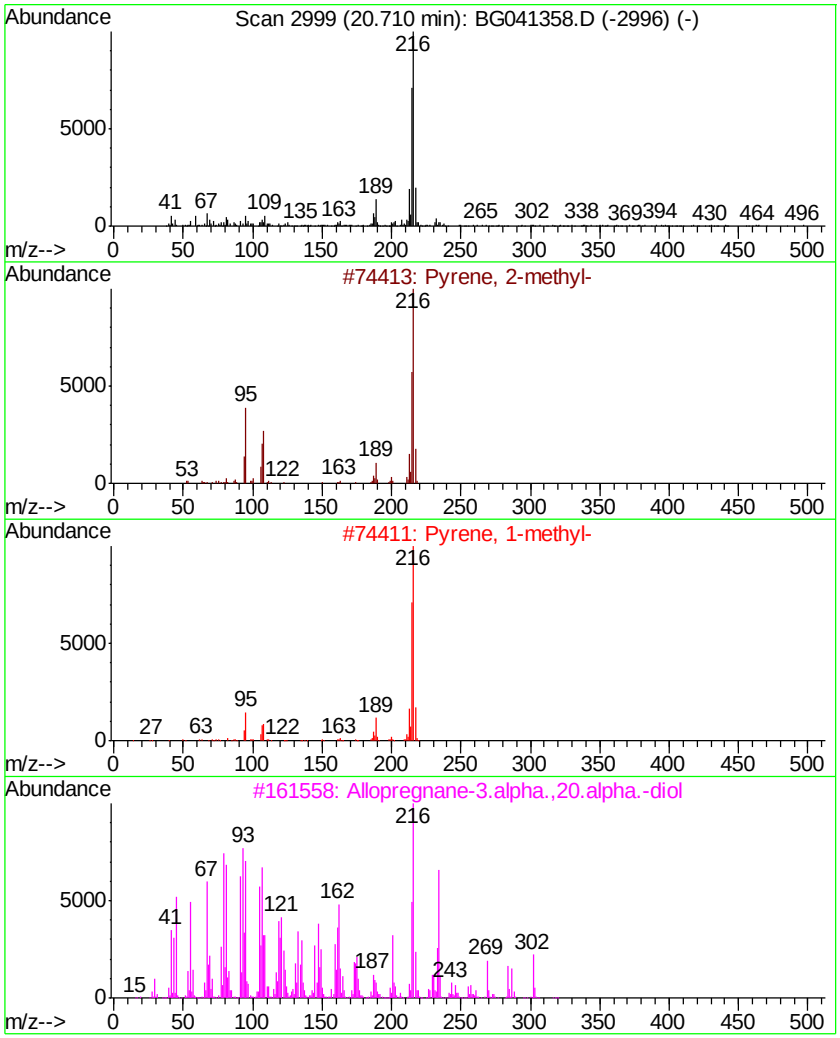
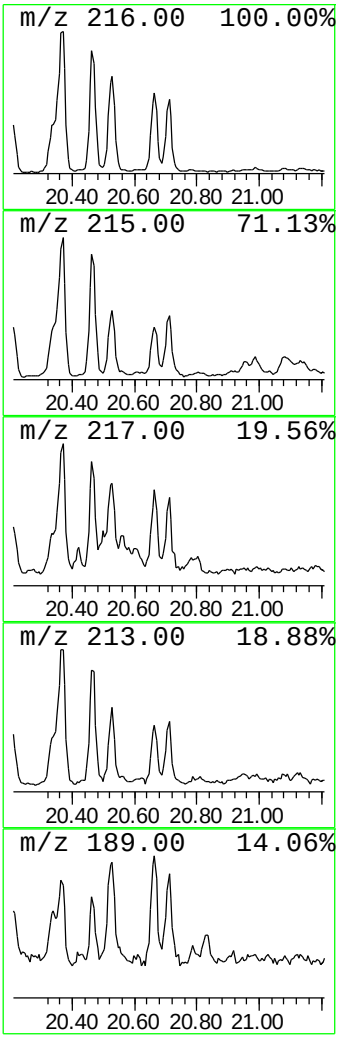
Peak Number 20 Pyrene, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.71	4.52 ng	553980	Chrysene-d12	21.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2	94
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
3	Allopregnane-3.alpha.,20.alpha.-...	320	C21H36O2	000566-58-5	93
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91





Tentatively Identified Compound (LSC) summary

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Data File : BG041358.D
Acq On : 20 Jun 2019 15:50
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Sample : K3163-11 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SU-03-061719-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown7.61	7.61	25.5	ng	600210	1	8.08	470309	20.0
Tetradecane	13.50	12.4	ng	328505	3	14.72	530417	20.0
Pentadecane	14.56	14.3	ng	379574	3	14.72	530417	20.0
Hexadecane	15.52	18.6	ng	492283	3	14.72	530417	20.0
Heptadecane	16.37	18.4	ng	596674	4	17.47	646719	20.0
Octadecane	17.17	11.4	ng	368230	4	17.47	646719	20.0
Hexadecanoic acid...	18.10	238.3	ng	7704080	4	17.47	646719	20.0
1H-Cyclopropa[l]p...	18.33	31.3	ng	1013520	4	17.47	646719	20.0
Phenanthrene, 1-m...	18.38	15.2	ng	491106	4	17.47	646719	20.0
4H-Cyclopenta[def...	18.54	31.4	ng	1016810	4	17.47	646719	20.0
9,12-Octadecadien...	19.25	777.8	ng	25149900	4	17.47	646719	20.0
9-Octadecenoic ac...	19.28	975.9	ng	31556200	4	17.47	646719	20.0
Methyl stearate	19.39	108.2	ng	3498470	4	17.47	646719	20.0
9,12-Octadecadien...	19.45	40.2	ng	1300660	4	17.47	646719	20.0
Eicosanoic acid	19.59	13.4	ng	432672	4	17.47	646719	20.0
Methyl 10-trans,1...	19.75	7.1	ng	867612	5	21.75	2451140	20.0
Allopregnane-3.al...	20.36	10.4	ng	1280590	5	21.75	2451140	20.0
Fluoranthene, 2-m...	20.47	8.7	ng	1065040	5	21.75	2451140	20.0
Pyrene, 2-methyl-	20.71	4.5	ng	553980	5	21.75	2451140	20.0