LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062019\
Data File : BG041367.D
Acq On : 20 Jun 2019 21:32
Operator : HP/JU
Sample : K3455-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-1-MH

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	3.146	6	10	19	rVB	175393	238309	3.02%	0.299%
2	5.620	424	431	442	rBV	643819	1051049	13.32%	1.318%
3	7.242	699	707	718	rBV	710465	1267252	16.06%	1.590%
4	7.612	762	770	780	rBV	686389	1211106	15.35%	1.519%
5	8.082	843	850	858	rBV	182199	315662	4.00%	0.396%
6	8.405	898	905	915	rBV	533956	917282	11.63%	1.151%
7	9.263	1043	1051	1062	rBV	448678	818036	10.37%	1.026%
8	10.902	1323	1330	1337	rBV	225114	414643	5.26%	0.520%
9	13.340	1736	1745	1754	rBV	1020123	1628436	20.64%	2.043%
10	14.157	1878	1884	1893	rBV	149480	217530	2.76%	0.273%
11	14.721	1968	1980	1986	rBV2	347952	580618	7.36%	0.728%
12	16.208	2227	2233	2244	rBV	910428	1413678	17.92%	1.773%
13	17.124	2383	2389	2394	rVV	146893	245048	3.11%	0.307%
14	17.177	2394	2398	2410	rVV5	37049	120378	1.53%	0.151%
15	17.283	2412	2416	2428	rVB	85737	159128	2.02%	0.200%
16	17.465	2441	2447	2450	rBV	417129	658273	8.34%	0.826%
17	17.512	2450	2455	2461	rVB	1735463	2723071	34.52%	3.416%
18	17.600	2463	2470	2479	rVV	282983	468802	5.94%	0.588%
19	17.876	2508	2517	2530	rBV4	92574	323028	4.09%	0.405%
20	17.976	2530	2534	2539	rBV	104238	151785	1.92%	0.190%
21	18.047	2542	2546	2551	rVV2	74085	112527	1.43%	0.141%
22	18.193	2566	2571	2576	rVB2	44371	84244	1.07%	0.106%
23	18.334	2588	2595	2600	rVV2	505705	1042543	13.22%	1.308%
24	18.387	2600	2604	2610	rVB	549002	828368	10.50%	1.039%
25	18.470	2613	2618	2622	rVB	132754	200757	2.54%	0.252%
26	18.528	2622	2628	2632	rBV3	427873	793573	10.06%	0.995%
27	18.570	2632	2635	2643	rVB	364035	518673	6.58%	0.651%
28	18.728	2658	2662	2666	rVB2	64604	86189	1.09%	0.108%
29	18.834	2674	2680	2684	rBV	419580	635645	8.06%	0.797%
30	18.887	2685	2689	2696	rVB	299303	442021	5.60%	0.554%
31	18.951	2697	2700	2704	rBV	71364	97753	1.24%	0.123%
32	19.075	2714	2721	2725	rBV	183301	310568	3.94%	0.390%
33	19.128	2726	2730	2733	rVB	139359	175510	2.22%	0.220%
34	19.163	2733	2736	2740	rVB2	101278	122427	1.55%	0.154%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062019\
Data File : BG041367.D
Acq On : 20 Jun 2019 21:32
Operator : HP/JU
Sample : K3455-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-1-MH

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	19.245	2744	2750	2754	rBV	426557	757357	9.60%	0.950%
36	19.298	2755	2759	2764	rVV3	181209	376522	4.77%	0.472%
37	19.339	2764	2766	2770	rVB	146644	165531	2.10%	0.208%
38	19.404	2770	2777	2781	rBV2	362987	697508	8.84%	0.875%
39	19.527	2790	2798	2803	rBV	4355718	7140342	90.52%	8.957%
40	19.580	2803	2807	2810	rBV2	109067	213046	2.70%	0.267%
41	19.762	2833	2838	2847	rVB4	183641	493597	6.26%	0.619%
42	19.850	2848	2853	2855	rBV	558317	863961	10.95%	1.084%
43	19.897	2855	2861	2865	rVV	4790005	7888452	100.00%	9.895%
44	19.944	2865	2869	2874	rVB	365687	557038	7.06%	0.699%
45	20.062	2884	2889	2893	rBV2	1560899	2048888	25.97%	2.570%
46	20.203	2906	2913	2919	rBV3	540478	1273462	16.14%	1.597%
47	20.332	2930	2935	2945	rVB4	528684	1396708	17.71%	1.752%
48	20.526	2961	2968	2972	rBV2	811390	1221290	15.48%	1.532%
49	20.667	2988	2992	2996	rBV	626160	901368	11.43%	1.131%
50	20.708	2996	2999	3006	rVB	504487	793531	10.06%	0.995%
51	20.790	3011	3013	3016	rBV2	106674	137705	1.75%	0.173%
52	21.137	3067	3072	3080	rVB	778842	1265861	16.05%	1.588%
53	21.325	3099	3104	3107	rBV3	481378	823216	10.44%	1.033%
54	21.366	3107	3111	3115	rVV	713493	1052914	13.35%	1.321%
55	21.419	3115	3120	3125	rVV2	544003	935045	11.85%	1.173%
56	21.484	3127	3131	3143	rVB	494381	938002	11.89%	1.177%
57	21.742	3167	3175	3180	rBV	2957531	6685165	84.75%	8.386%
58	21.819	3182	3188	3196	rVB	3364788	6682818	84.72%	8.383%
59	22.500	3300	3304	3311	rVB	701748	1237834	15.69%	1.553%
60	22.577	3313	3317	3325	rVB	377121	716402	9.08%	0.899%
61	24.045	3556	3567	3574	rBV	1582032	6080596	77.08%	7.627%
62	24.792	3685	3694	3709	rVB	981246	3019876	38.28%	3.788%
63	24.950	3712	3721	3734	rVB	1022517	2981482	37.80%	3.740%

Sum of corrected areas: 79719429

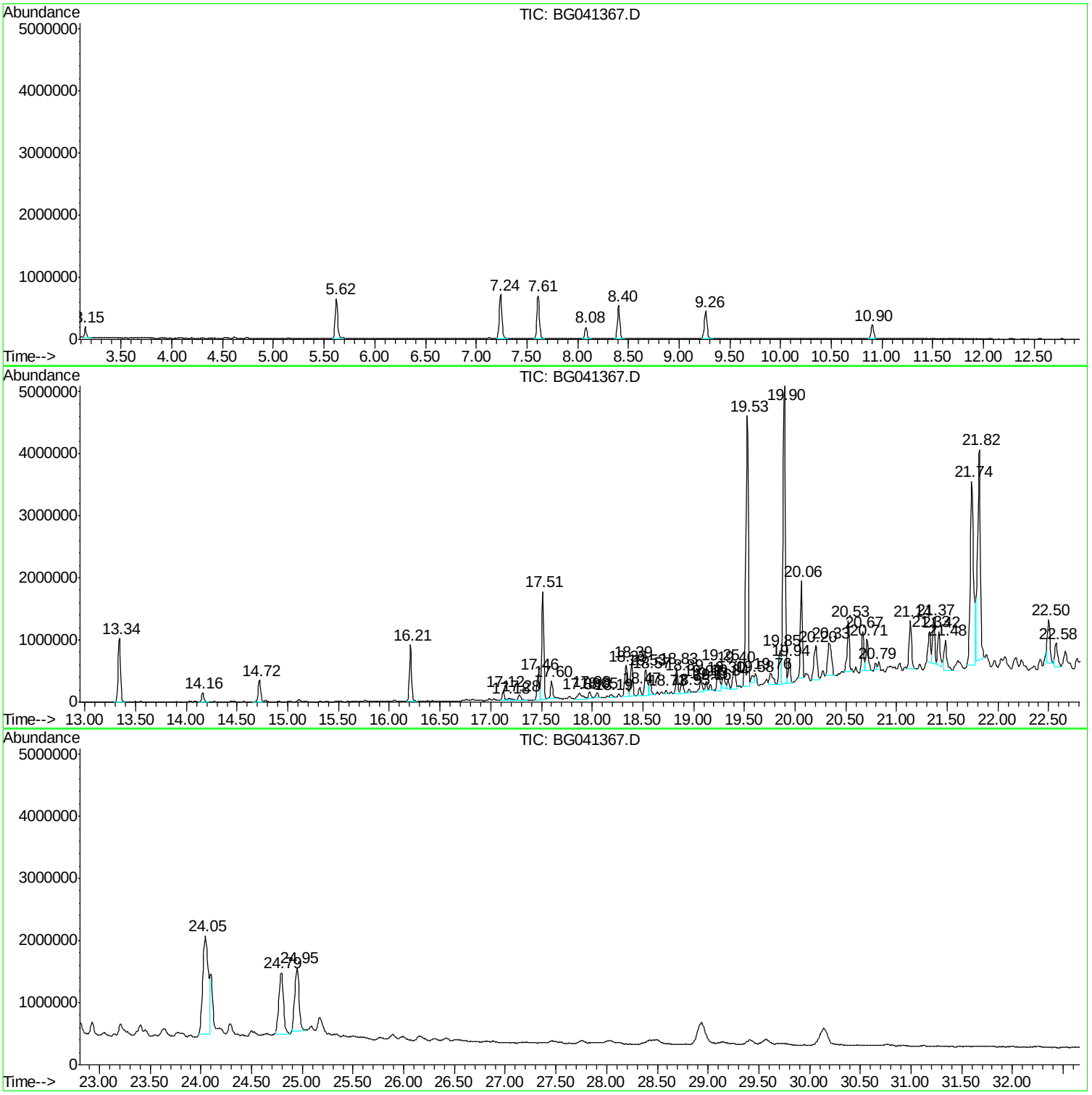
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062019\
Data File : BG041367.D
Acq On : 20 Jun 2019 21:32
Operator : HP/JU
Sample : K3455-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-1-MH

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 : BG041367.D
Acq On : 20 Jun 2019 21:32
Operator : HP/JU
Sample : K3455-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-1-MH

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

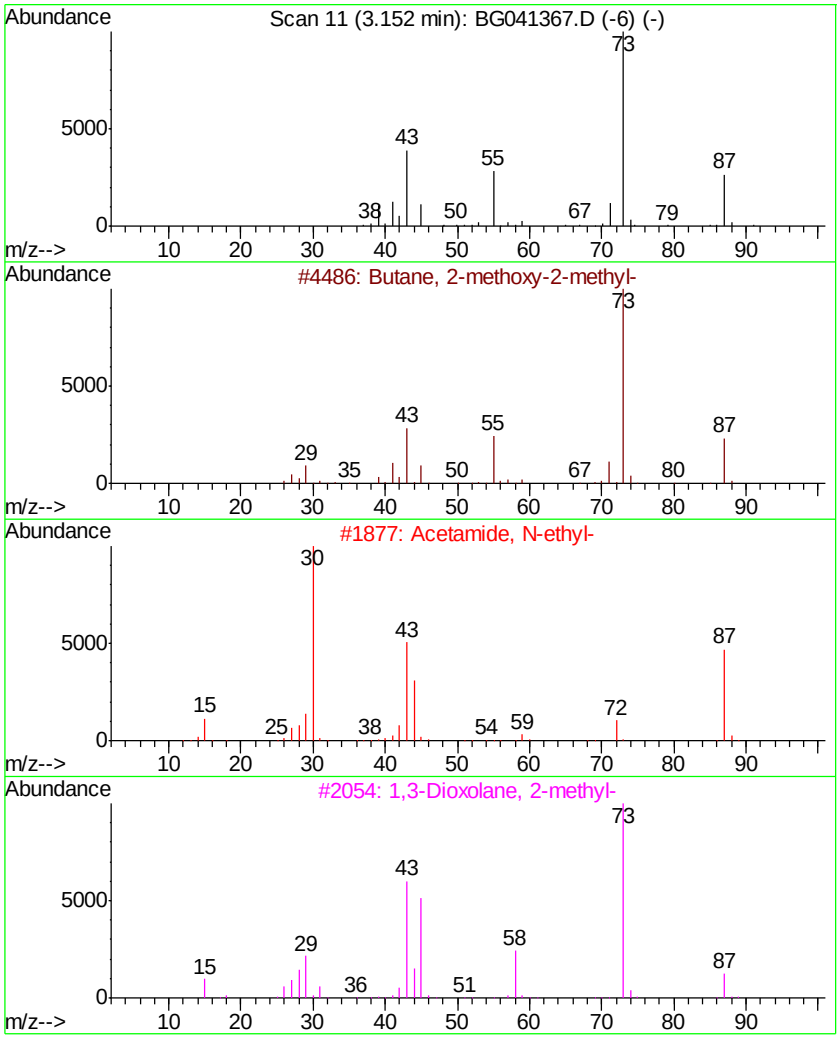
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

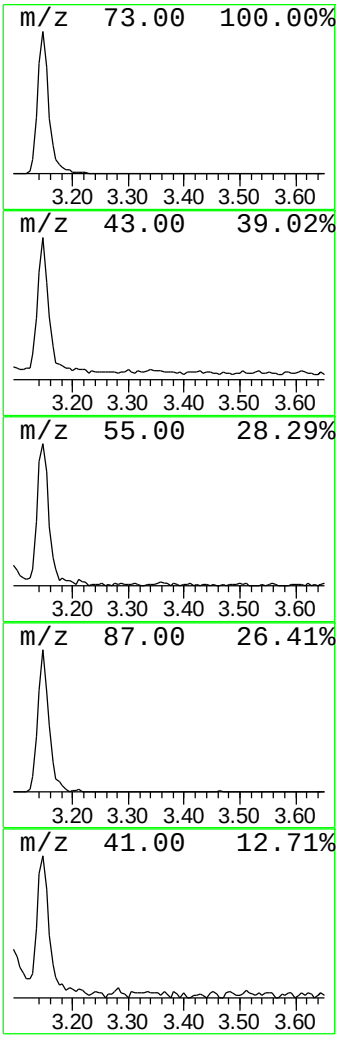
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.15	15.10 ng	238309	1,4-Dichlorobenzene-d4	8.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
2	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	25
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062019\
Data File : BG041367.D
Acq On : 20 Jun 2019 21:32
Operator : HP/JU
Sample : K3455-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-1-MH

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

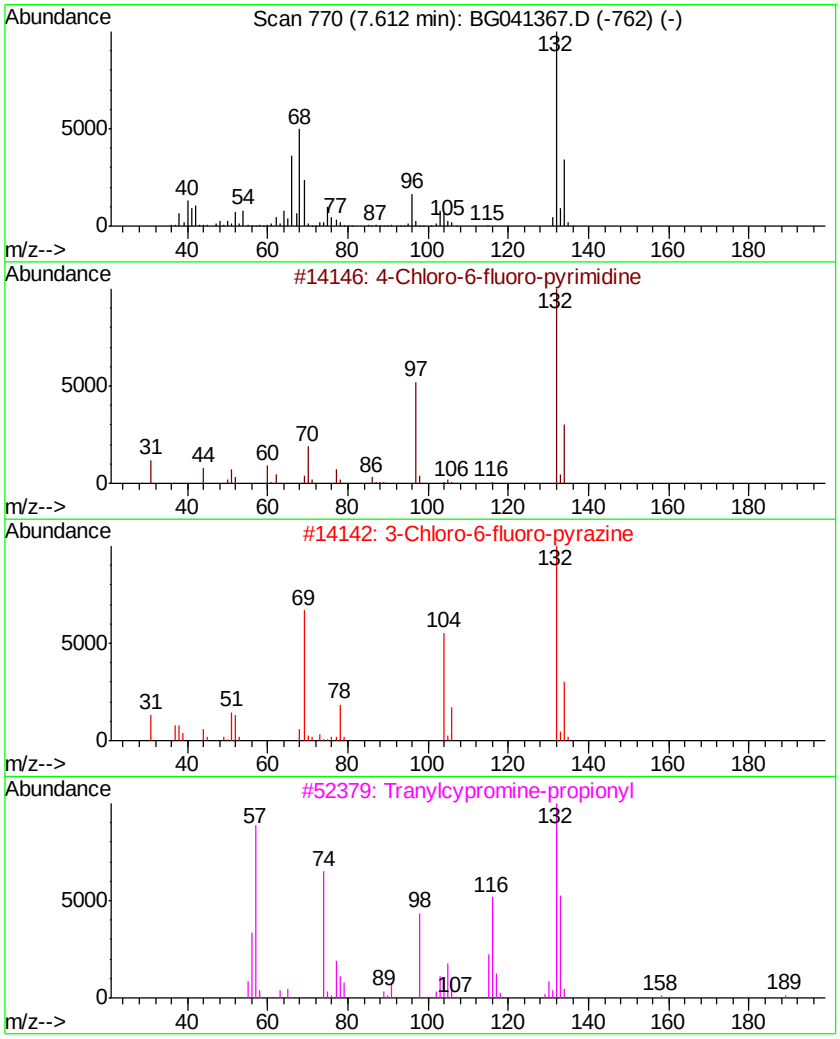
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

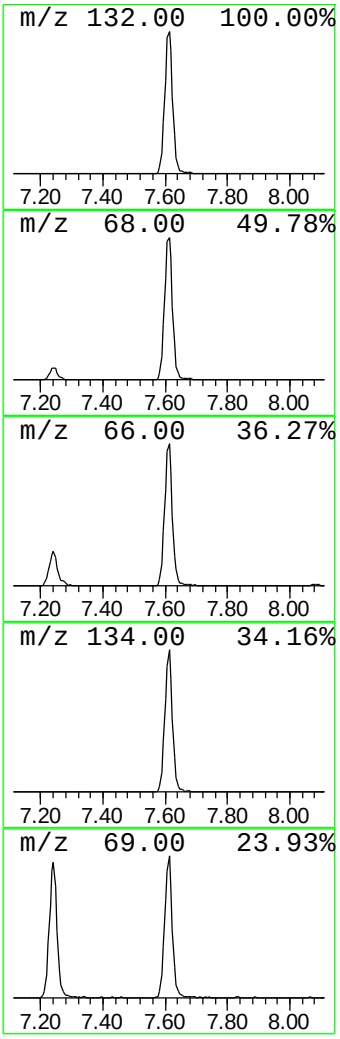
****

Peak Number 2 unknown7.61 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.61	76.73 ng	1211110	1,4-Dichlorobenzene-d4	8.08

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	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	27
4	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	25
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22





Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062019\
Data File : BG041367.D
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Operator : HP/JU
Sample : K3455-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-1-MH

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

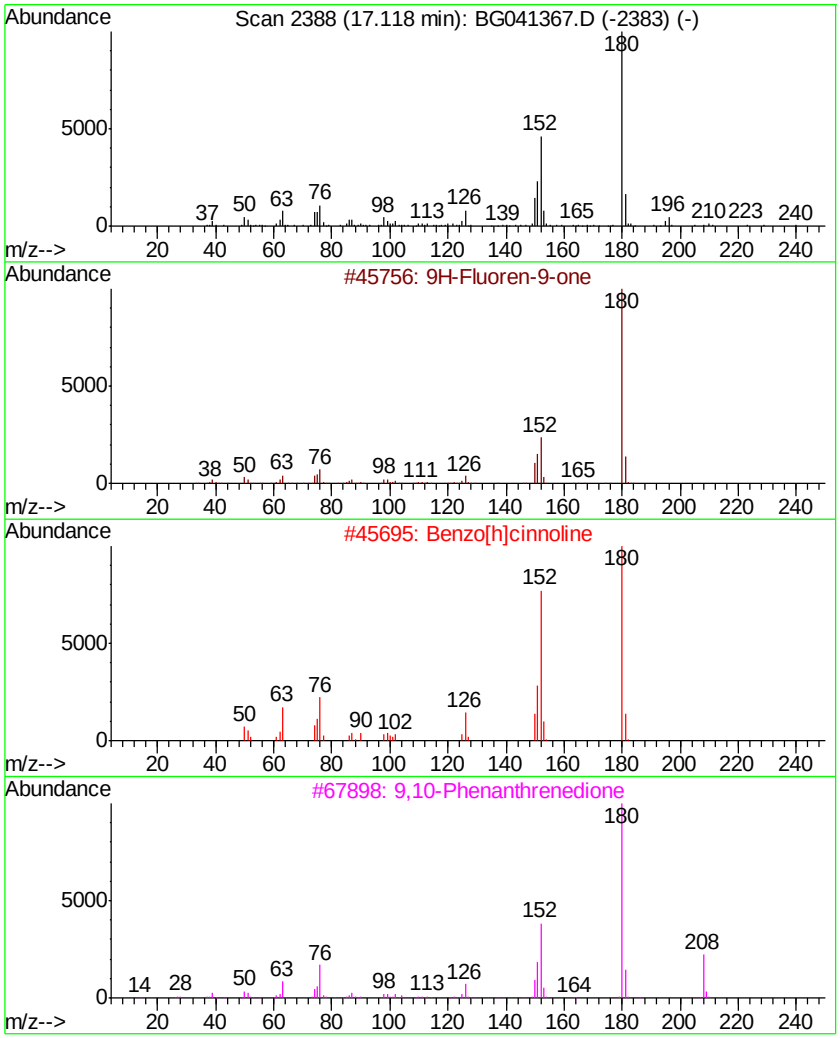
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

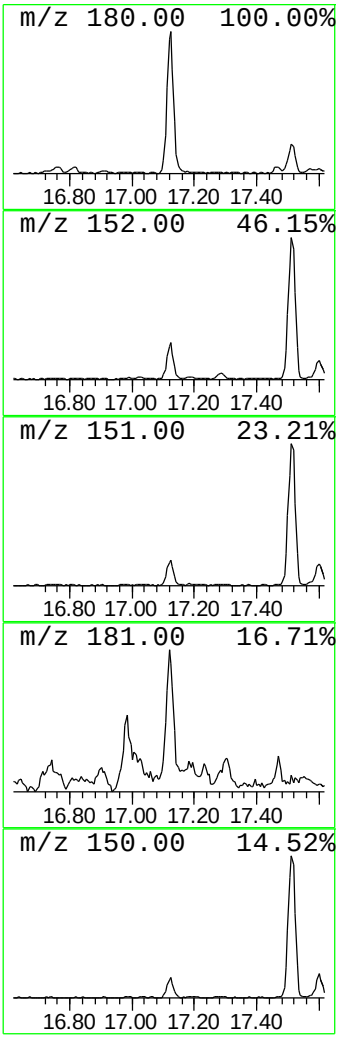
****

Peak Number 4 9H-Fluoren-9-one Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.12	7.45 ng	245048	Phenanthrene-d10	17.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	96
2	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	91
3	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	86
4	Diphenic anhydride	224	C14H8O3	006050-13-1	83
5	2,3-Diazaphenanthrene	180	C12H8N2	000229-72-1	52





Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062019\
Data File : BG041367.D
Acq On : 20 Jun 2019 21:32
Operator : HP/JU
Sample : K3455-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-1-MH

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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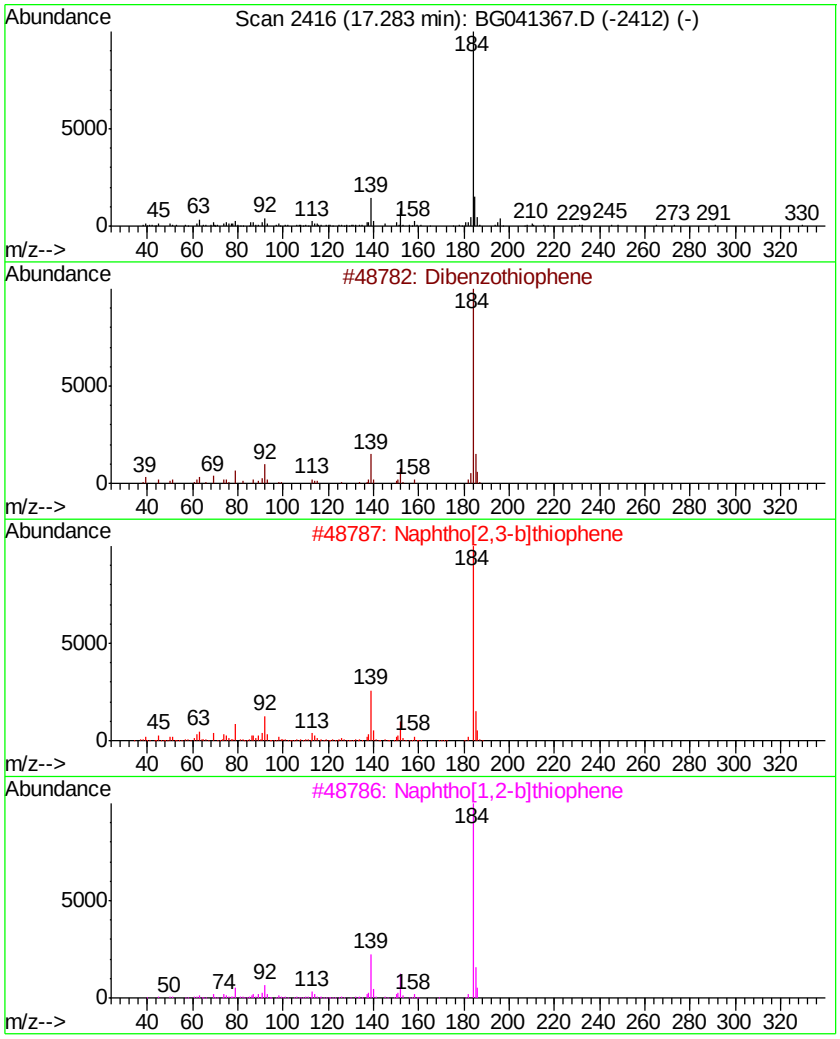
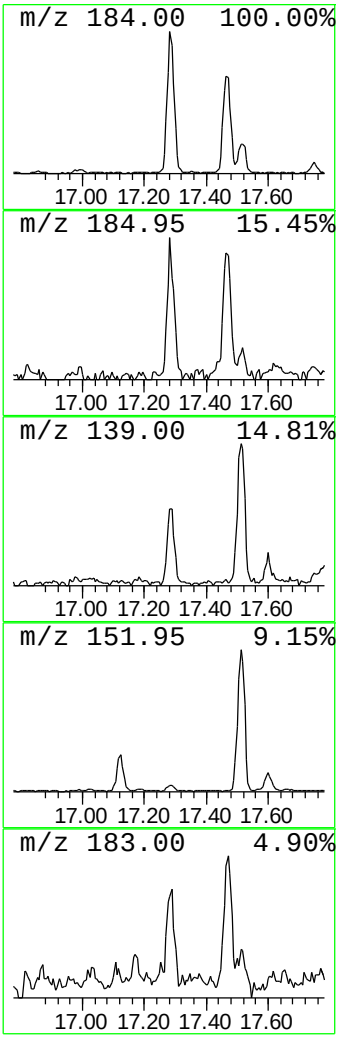
Peak Number 5 Dibenzothiophene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.28	4.83 ng	159128	Phenanthrene-d10	17.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	94
2	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	93
3	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	93
4	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	91
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062019\
Data File : BG041367.D
Acq On : 20 Jun 2019 21:32
Operator : HP/JU
Sample : K3455-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-1-MH

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

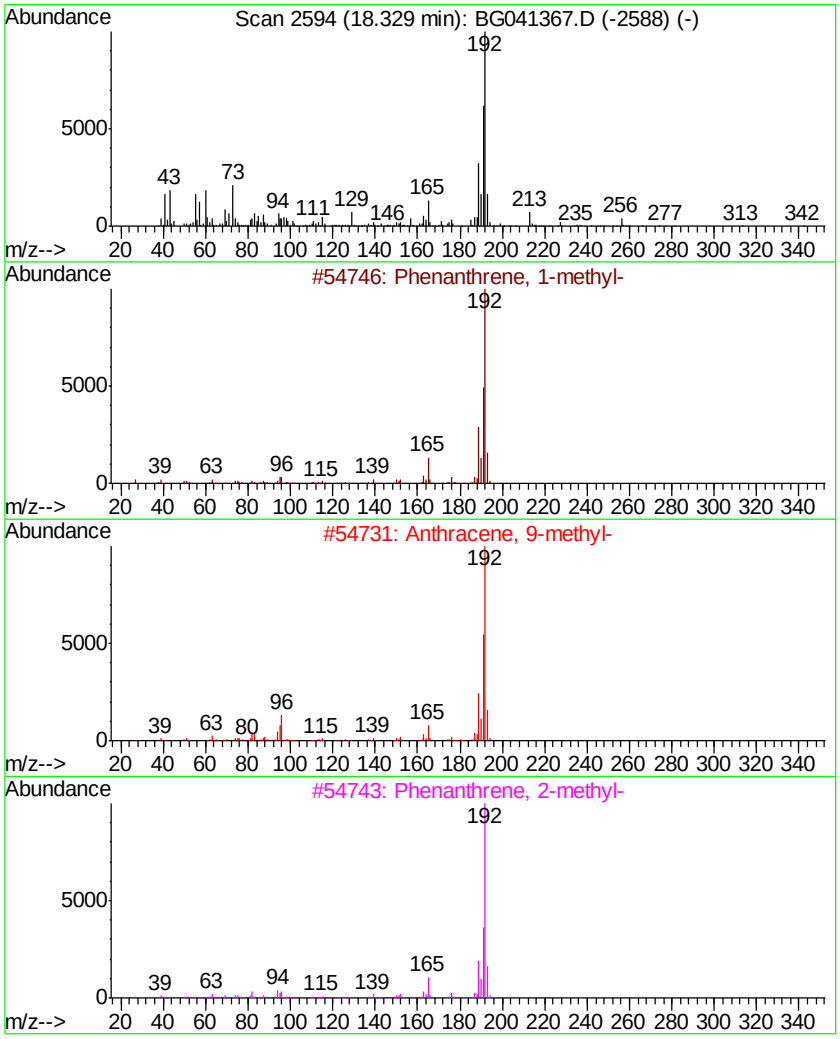
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

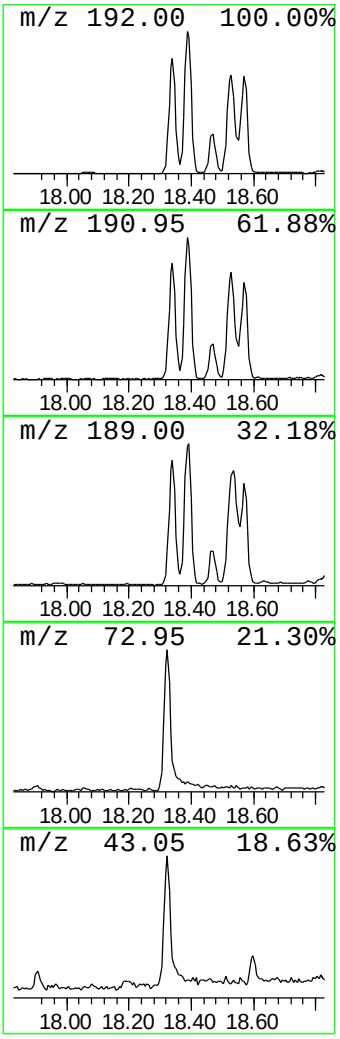
****

Peak Number 6 Phenanthrene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.33	31.68 ng	1042540	Phenanthrene-d10	17.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
4	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	93
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062019\
Data File : BG041367.D
Acq On : 20 Jun 2019 21:32
Operator : HP/JU
Sample : K3455-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-1-MH

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

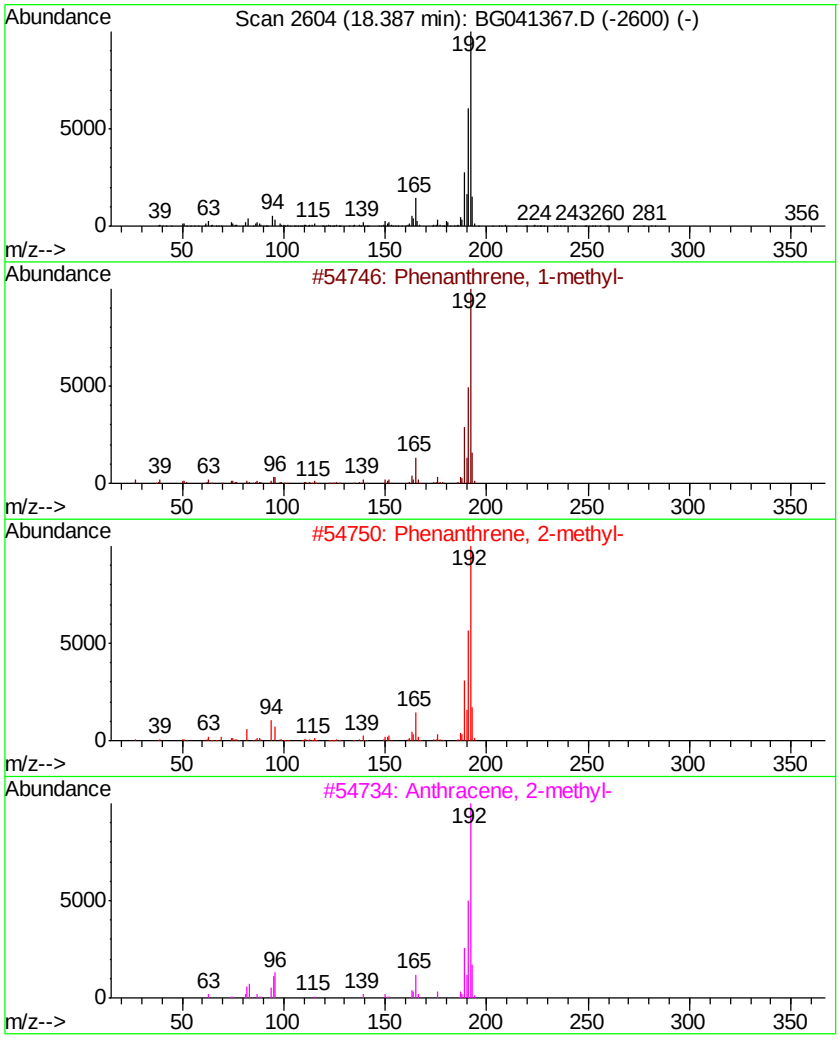
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

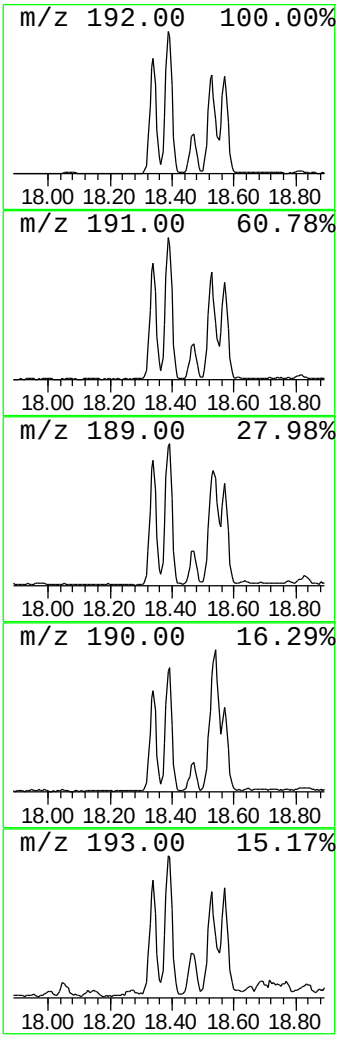
****

Peak Number 7 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.39	25.17 ng	828368	Phenanthrene-d10	17.46

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, 2-methyl-	192	C15H12	000613-12-7	95
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062019\
Data File : BG041367.D
Acq On : 20 Jun 2019 21:32
Operator : HP/JU
Sample : K3455-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-1-MH

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

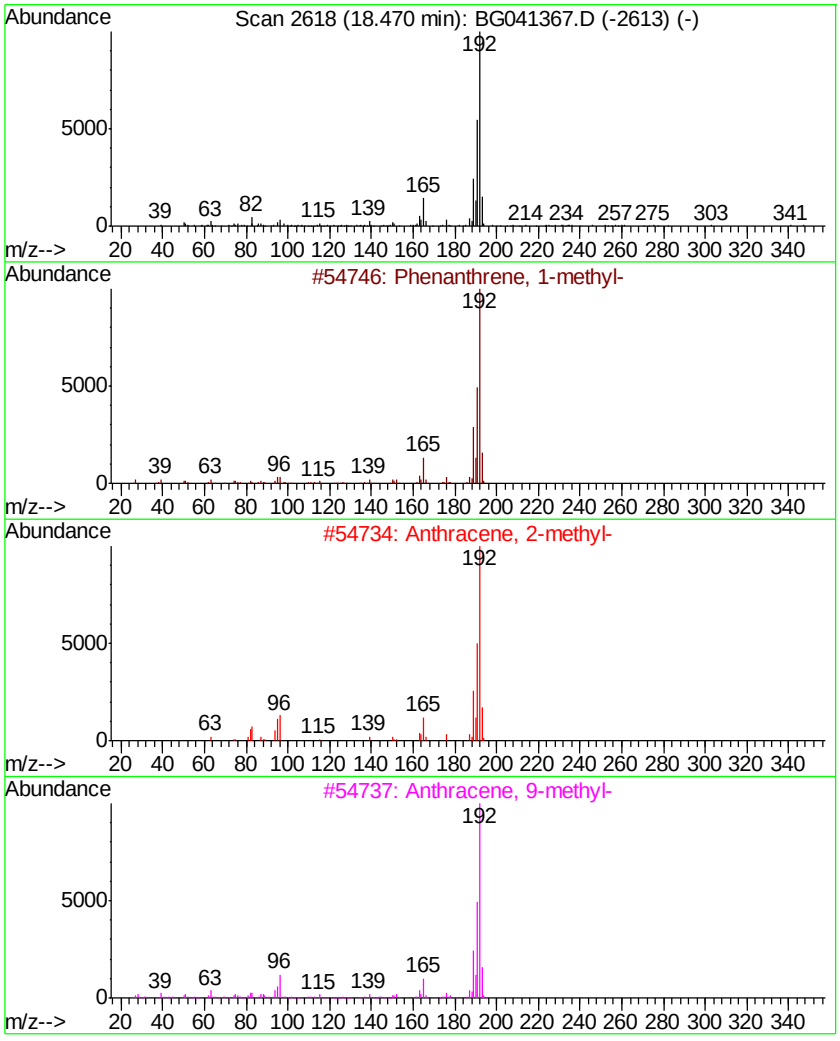
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

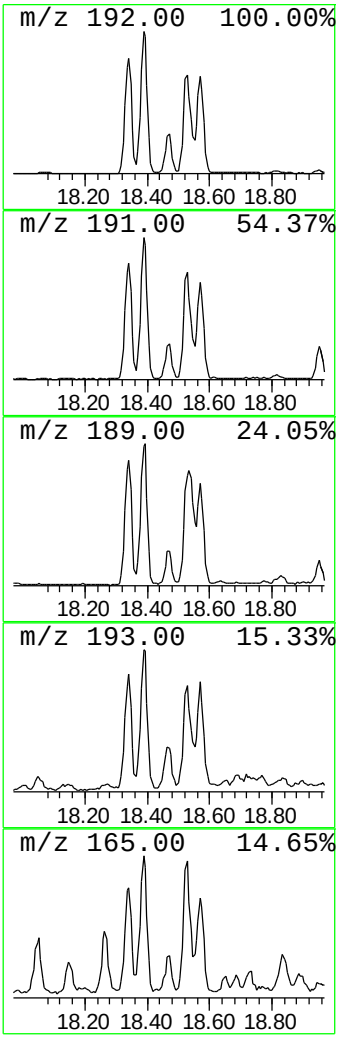
****

Peak Number 8 Anthracene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.47	6.10 ng	200757	Phenanthrene-d10	17.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062019\
Data File : BG041367.D
Acq On : 20 Jun 2019 21:32
Operator : HP/JU
Sample : K3455-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-1-MH

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

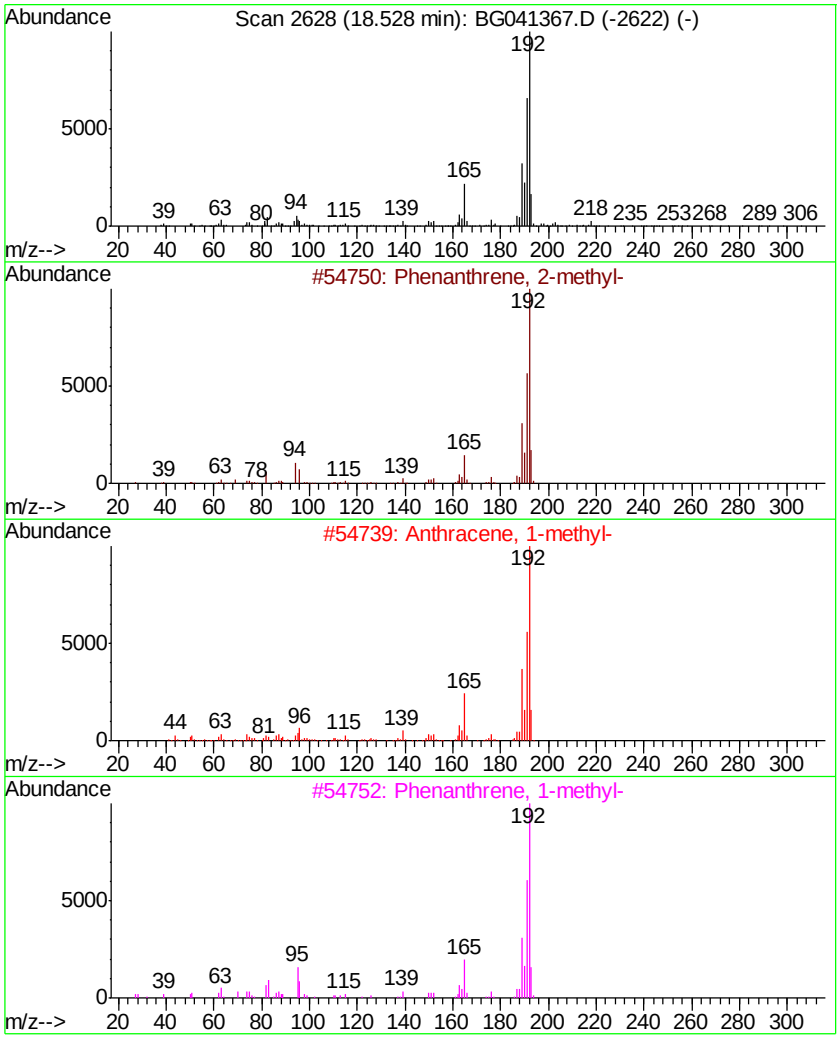
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

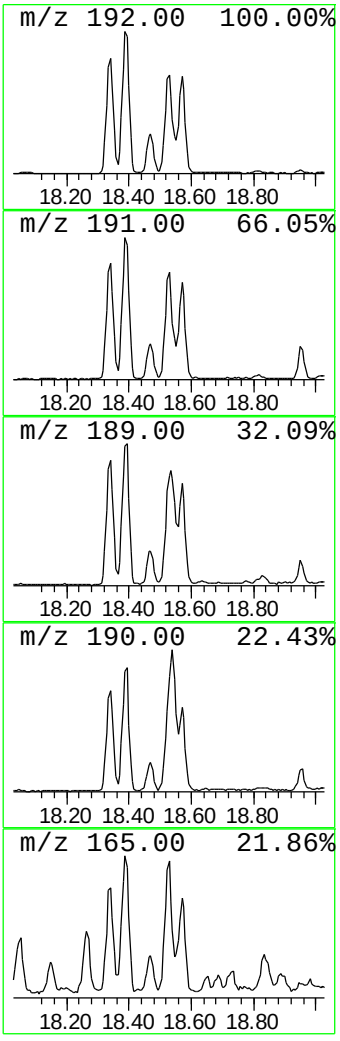
****

Peak Number 9 1H-Cyclopropa[l]phenanthren... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.53	24.11 ng	793573	Phenanthrene-d10	17.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	92
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90





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Data File : BG041367.D
Acq On : 20 Jun 2019 21:32
Operator : HP/JU
Sample : K3455-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-1-MH

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

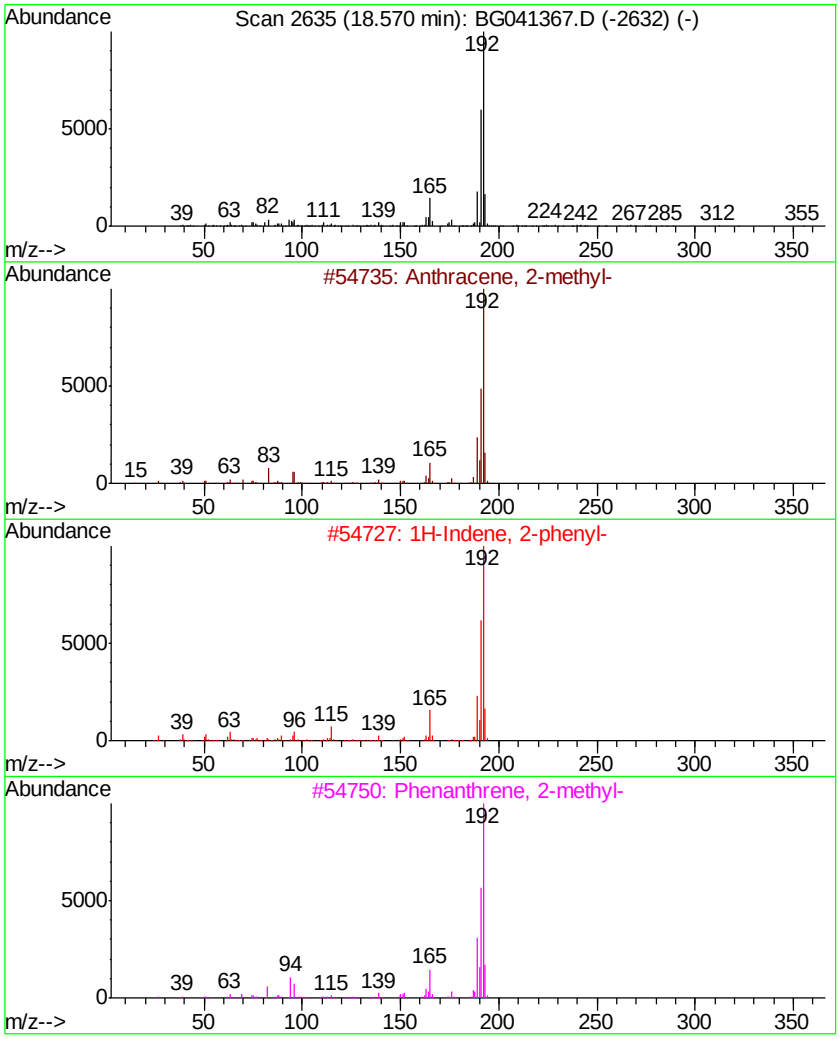
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

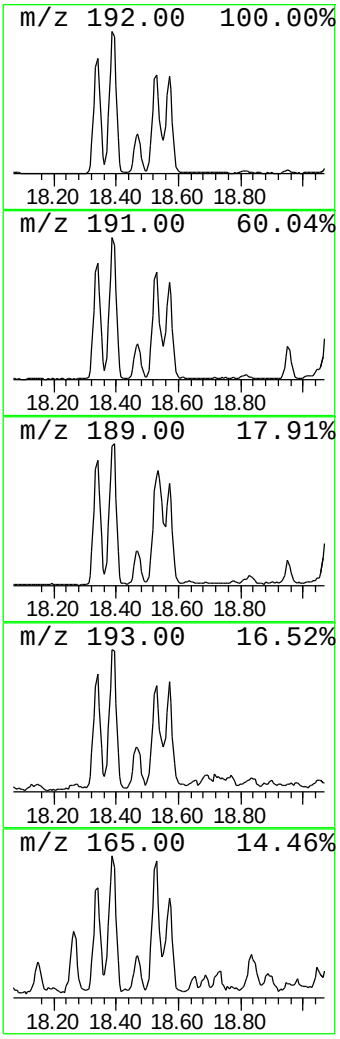
****

Peak Number 10 1H-Indene, 2-phenyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.57	15.76 ng	518673	Phenanthrene-d10	17.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	90





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Data File : BG041367.D
Acq On : 20 Jun 2019 21:32
Operator : HP/JU
Sample : K3455-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-1-MH

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

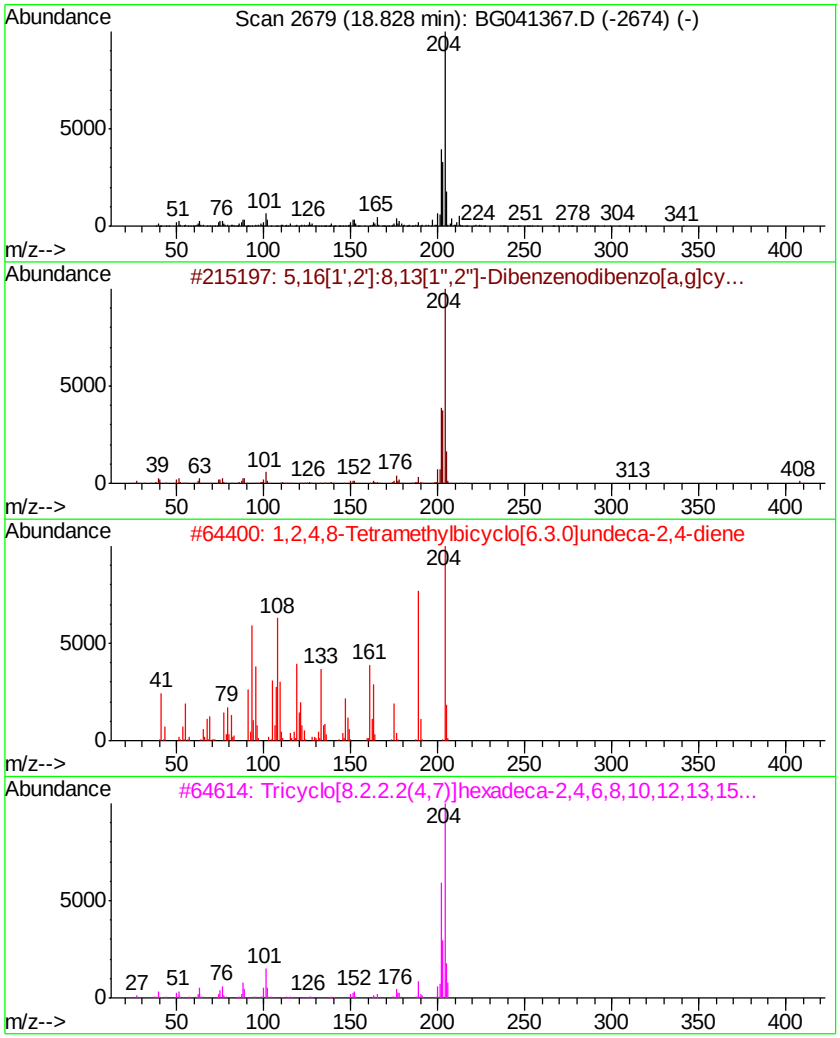
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

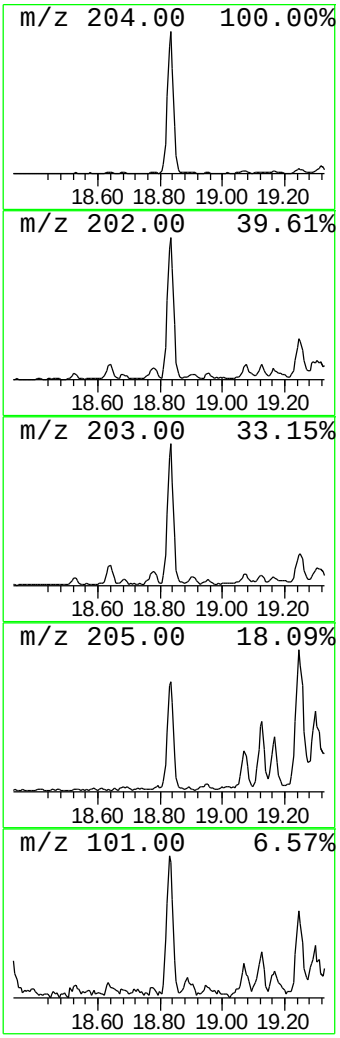
****

Peak Number 11 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.83	19.31 ng	635645	Phenanthrene-d10	17.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
2	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	83
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	70
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
5	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	47





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Acq On : 20 Jun 2019 21:32
Operator : HP/JU
Sample : K3455-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-1-MH

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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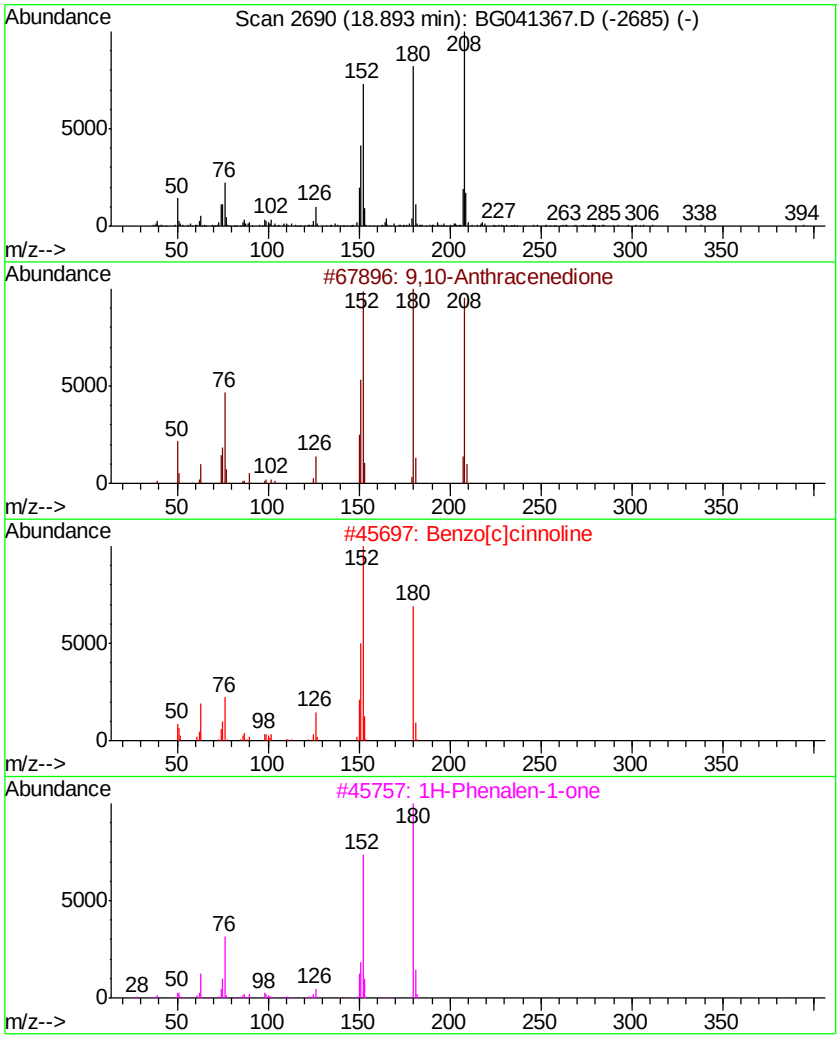
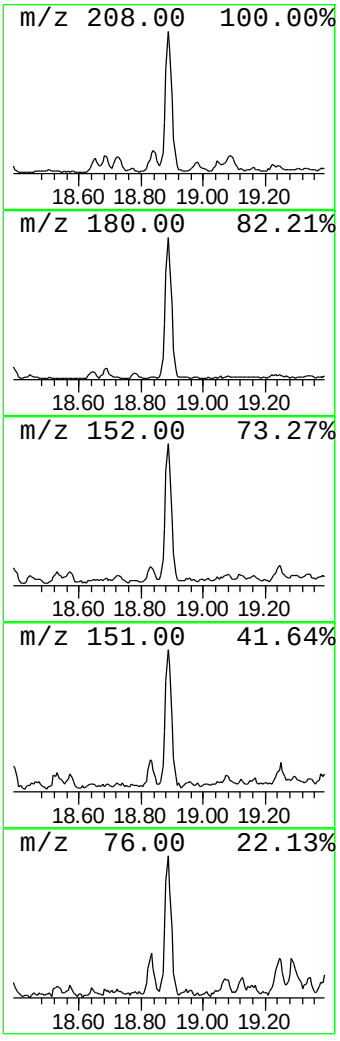
Peak Number 12 9,10-Anthracenedione Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.89	13.43 ng	442021	Phenanthrene-d10	17.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	83
3	1H-Phenalen-1-one	180	C13H8O	000548-39-0	60
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	58
5	1,4-Anthracenedione	208	C14H8O2	000635-12-1	47





Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062019\
Data File : BG041367.D
Acq On : 20 Jun 2019 21:32
Operator : HP/JU
Sample : K3455-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-1-MH

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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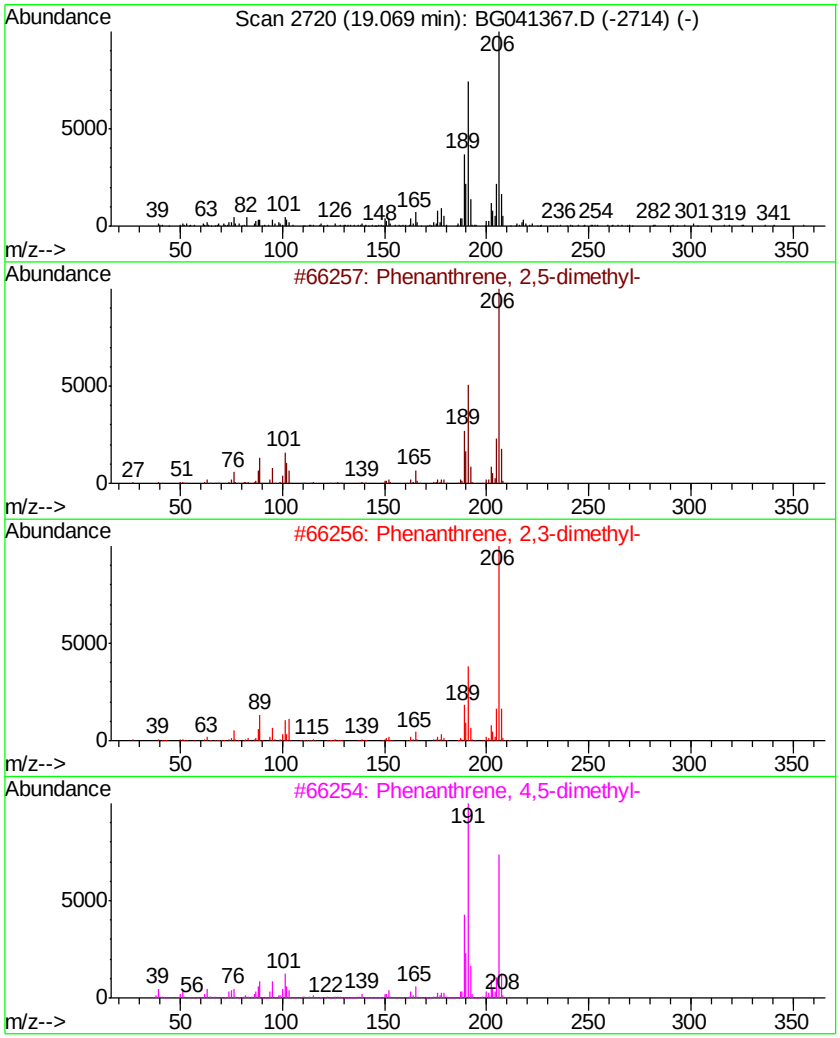
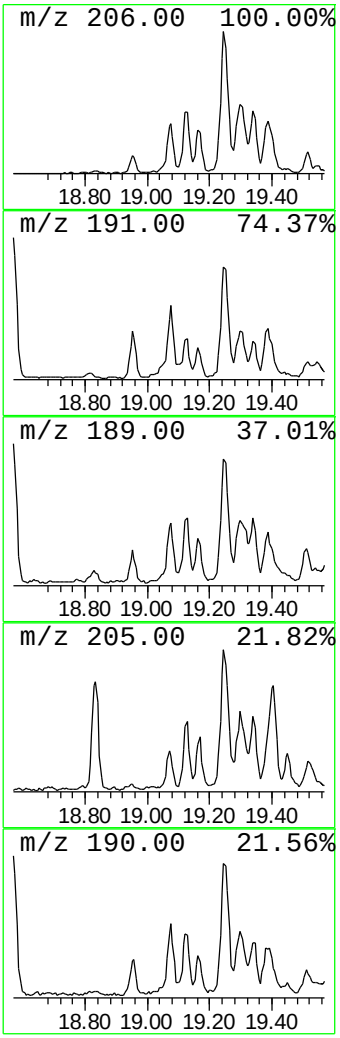
Peak Number 13 Phenanthrene, 2,5-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.07	9.44 ng	310568	Phenanthrene-d10	17.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	94
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	94
3	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	91
4	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	91
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	89





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062019\
Data File : BG041367.D
Acq On : 20 Jun 2019 21:32
Operator : HP/JU
Sample : K3455-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-1-MH

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

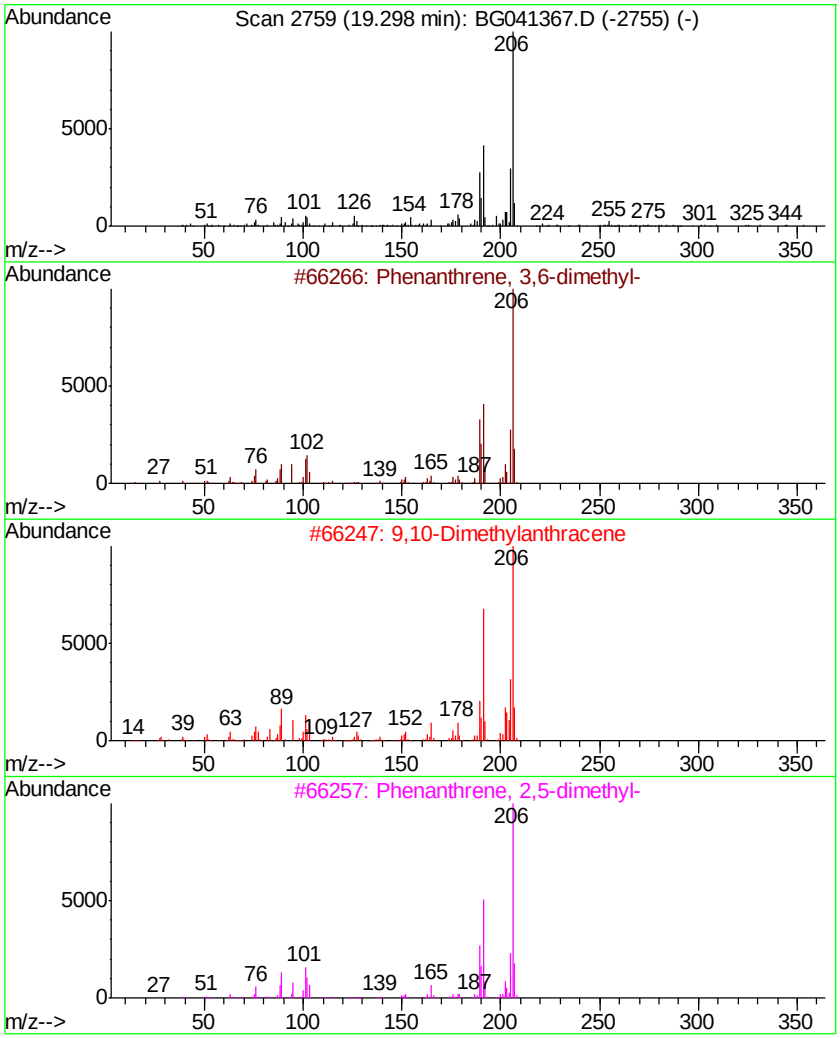
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

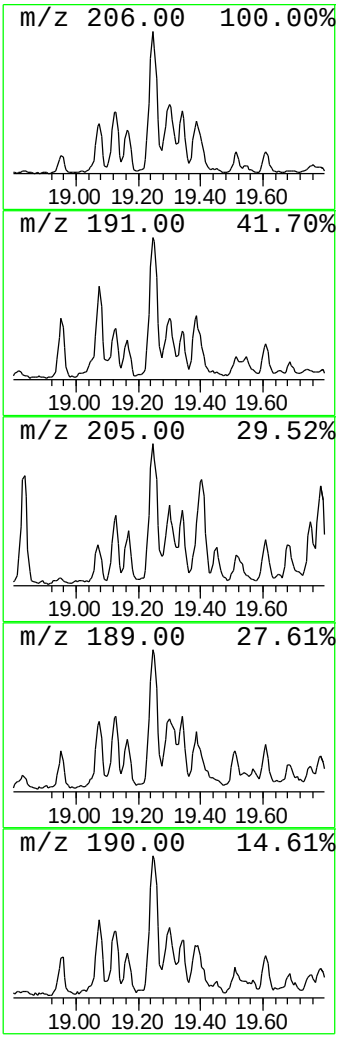
****

Peak Number 16 Phenanthrene, 3,6-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.30	11.44 ng	376522	Phenanthrene-d10	17.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	87
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	87
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	86
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	74





Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062019\
Data File : BG041367.D
Acq On : 20 Jun 2019 21:32
Operator : HP/JU
Sample : K3455-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-1-MH

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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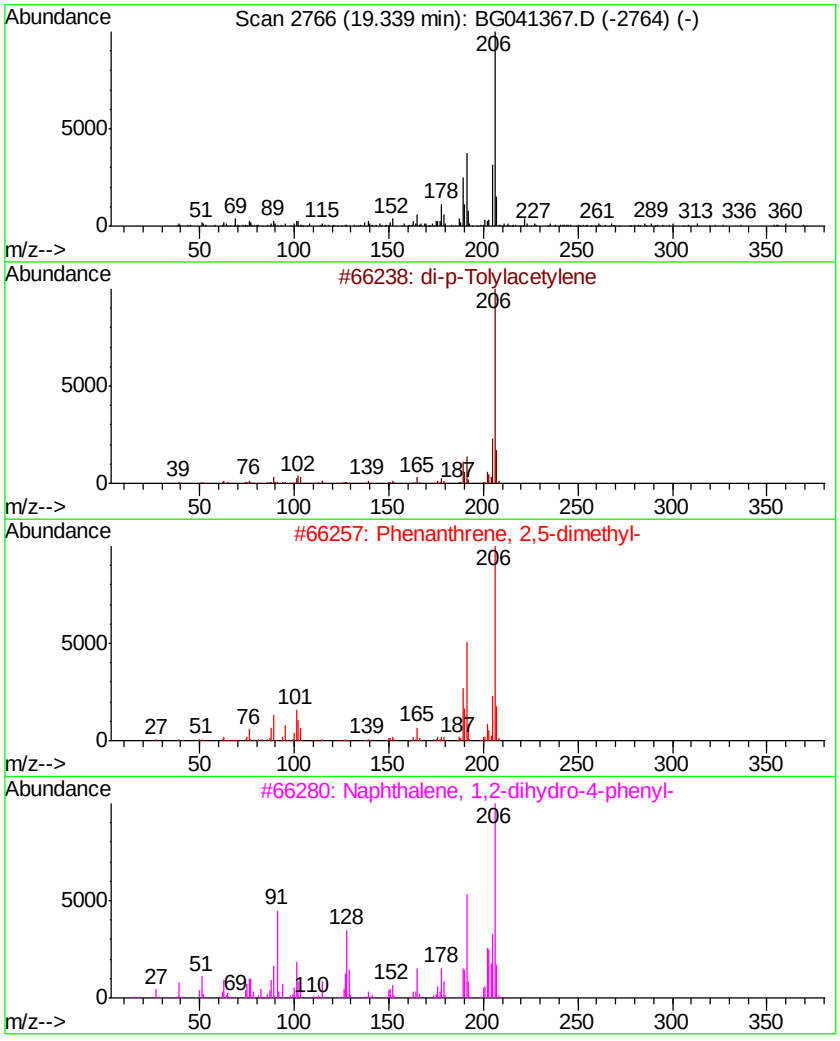
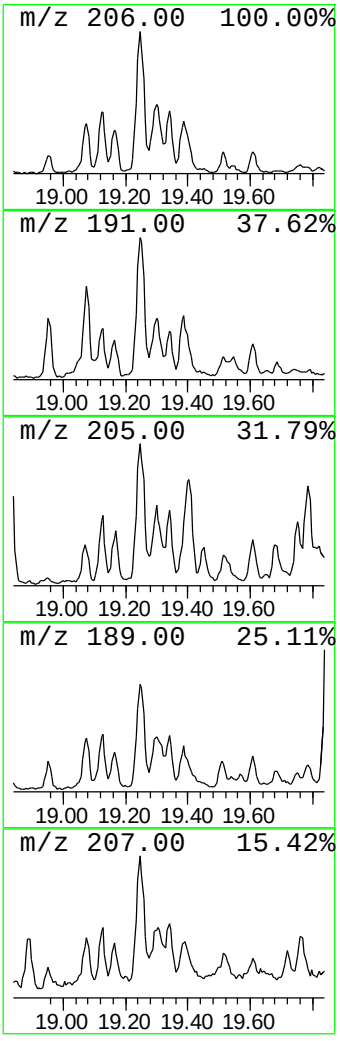
Peak Number 17 di-p-Tolylacetylene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.34	5.03 ng	165531	Phenanthrene-d10	17.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	90
3	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	90
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	87
5	[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14	085385-68-8	86





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Acq On : 20 Jun 2019 21:32
Operator : HP/JU
Sample : K3455-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-1-MH

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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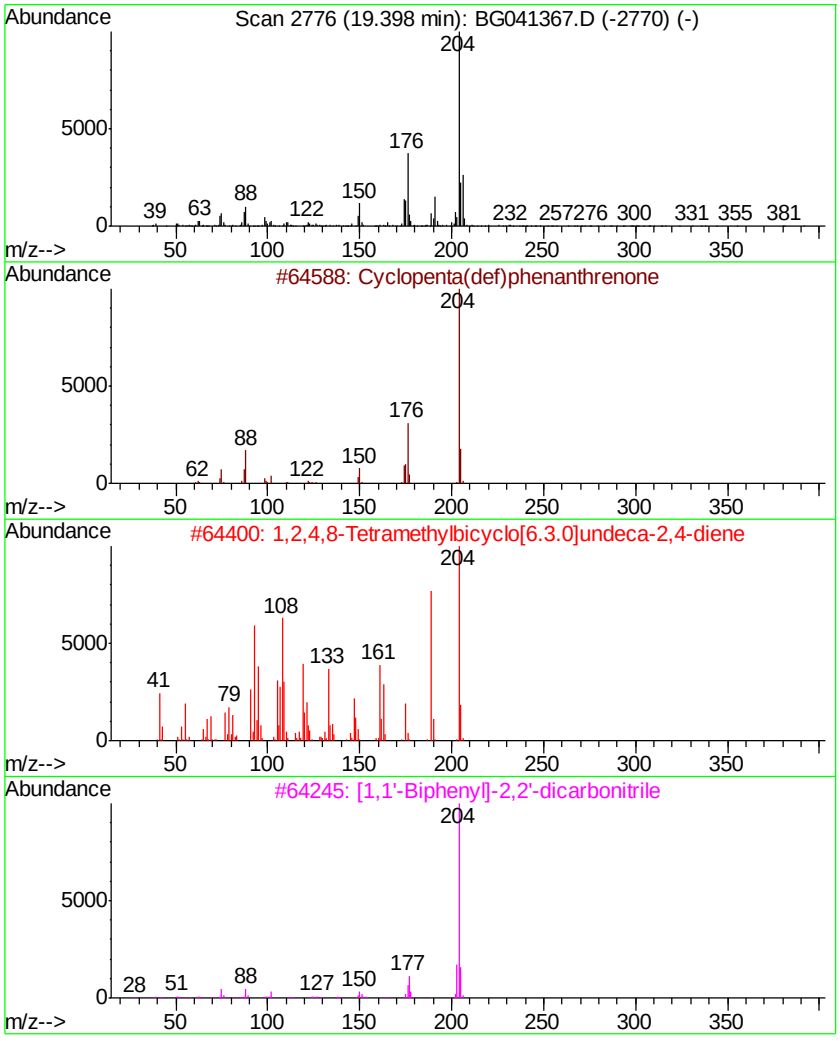
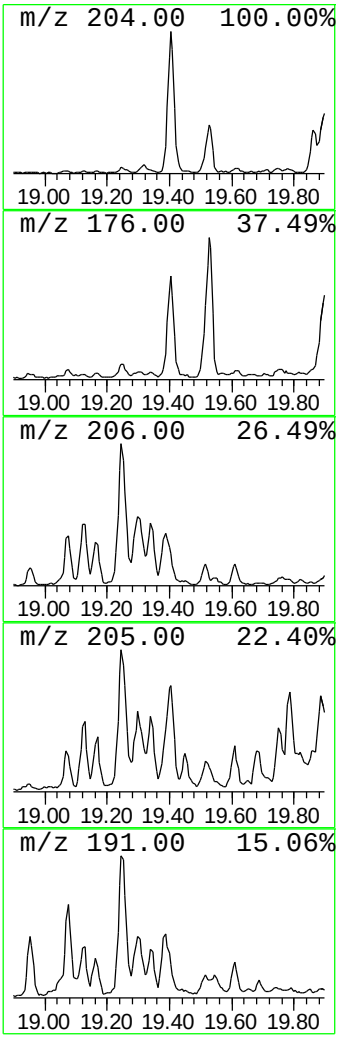
Peak Number 18 Cyclopenta(def)phenanthrenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.40	21.19 ng	697508	Phenanthrene-d10	17.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	87
2	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	60
3	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	59
4	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	56
5	Benzo[1,2-b:4,3-b']dithiophene, ...	204	C11H8S2	013640-86-3	47





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Data File : BG041367.D
Acq On : 20 Jun 2019 21:32
Operator : HP/JU
Sample : K3455-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-1-MH

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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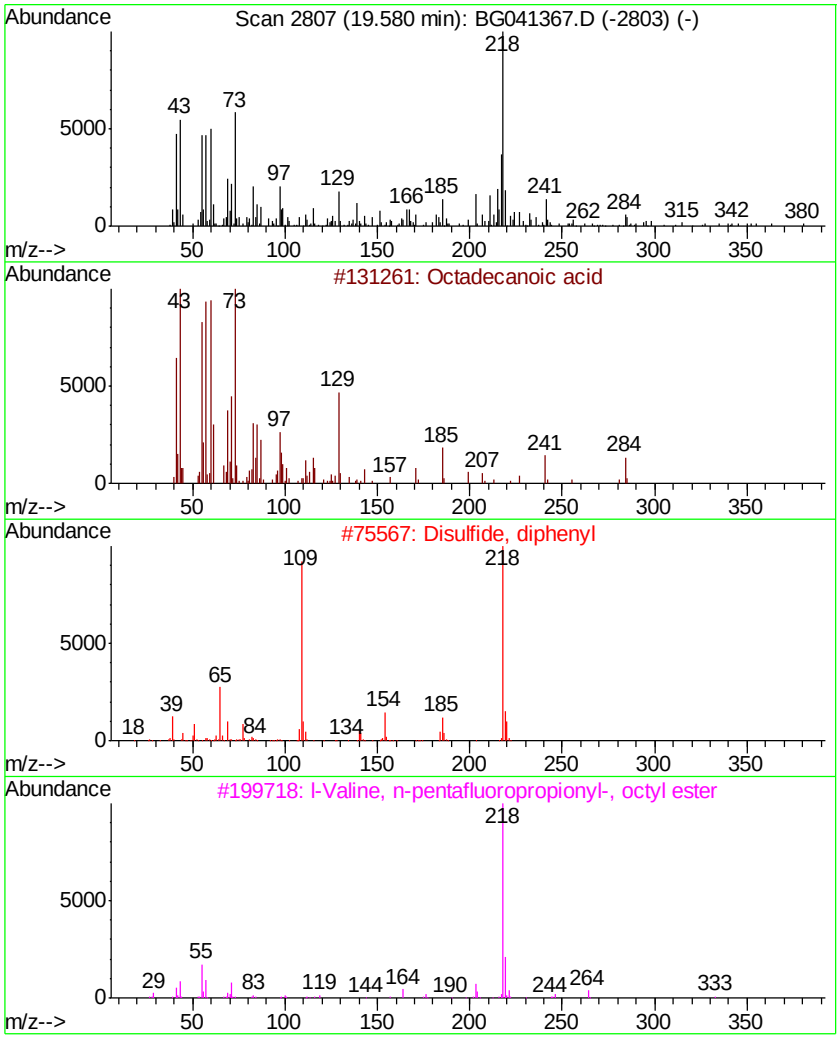
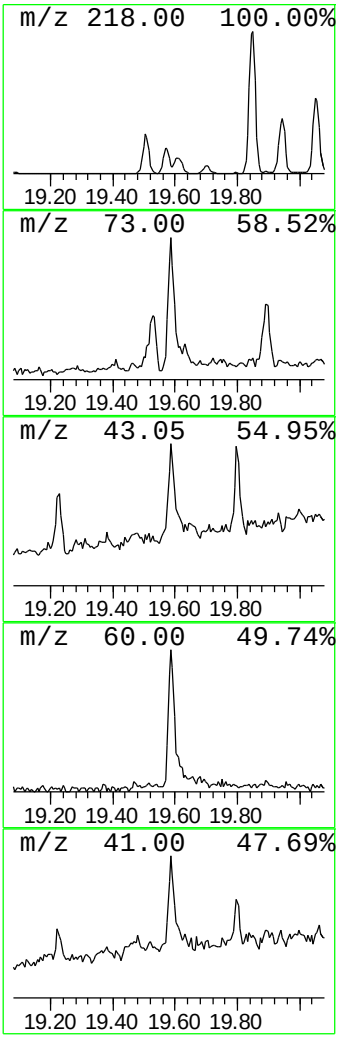
Peak Number 19 Octadecanoic acid Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.58	6.47 ng	213046	Phenanthrene-d10	17.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	90
2	Disulfide, diphenyl	218	C12H10S2	000882-33-7	27
3	l-Valine, n-pentafluoropropionyl...	375	C16H26F5NO3	1000320-88-3	27
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	25
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	25





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062019\
Data File : BG041367.D
Acq On : 20 Jun 2019 21:32
Operator : HP/JU
Sample : K3455-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-1-MH

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
Butane, 2-methoxy...	3.15	15.1	ng	238309	1	8.08	315662	20.0
unknown7.61	7.61	76.7	ng	1211110	1	8.08	315662	20.0
9H-Fluoren-9-one	17.12	7.5	ng	245048	4	17.46	658273	20.0
Dibenzothiophene	17.28	4.8	ng	159128	4	17.46	658273	20.0
Phenanthrene, 1-m...	18.33	31.7	ng	1042540	4	17.46	658273	20.0
Phenanthrene, 2-m...	18.39	25.2	ng	828368	4	17.46	658273	20.0
Anthracene, 2-met...	18.47	6.1	ng	200757	4	17.46	658273	20.0
1H-Cyclopropa[l]p...	18.53	24.1	ng	793573	4	17.46	658273	20.0
1H-Indene, 2-phenyl-	18.57	15.8	ng	518673	4	17.46	658273	20.0
5,16[1',2']:8,13[...	18.83	19.3	ng	635645	4	17.46	658273	20.0
9,10-Anthracenedione	18.89	13.4	ng	442021	4	17.46	658273	20.0
Phenanthrene, 2,5...	19.07	9.4	ng	310568	4	17.46	658273	20.0
Phenanthrene, 3,6...	19.30	11.4	ng	376522	4	17.46	658273	20.0
di-p-Tolylacetylene	19.34	5.0	ng	165531	4	17.46	658273	20.0
Cyclopenta(def)ph...	19.40	21.2	ng	697508	4	17.46	658273	20.0
Octadecanoic acid	19.58	6.5	ng	213046	4	17.46	658273	20.0