LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081621\
Data File : BG049865.D
Acq On : 17 Aug 2021 1:17
Operator : CG/JU
Sample : M3407-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 26N

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-BG080321.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG049865.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.140	12	17	23	rBV	106654	188404	12.04%	1.012%
2	5.108	346	352	362	rBV	44525	76403	4.88%	0.410%
3	5.584	426	433	443	rBV	520573	859854	54.97%	4.619%
4	7.193	699	707	715	rBV	543335	971181	62.08%	5.217%
5	8.028	841	849	856	rBV2	127612	220309	14.08%	1.183%
6	9.197	1041	1048	1060	rBV	344142	644458	41.20%	3.462%
7	10.612	1282	1289	1295	rBV4	16017	33593	2.15%	0.180%
8	10.847	1320	1329	1335	rBV	172810	317980	20.33%	1.708%
9	10.900	1335	1338	1346	rVB2	19349	32473	2.08%	0.174%
10	12.504	1606	1611	1618	rVB2	17092	28645	1.83%	0.154%
11	12.727	1643	1649	1652	rBV2	14568	22669	1.45%	0.122%
12	13.297	1739	1746	1754	rBV	841223	1357026	86.75%	7.290%
13	14.002	1859	1866	1872	rBV4	24514	46363	2.96%	0.249%
14	14.055	1872	1875	1880	rVB5	11238	16796	1.07%	0.090%
15	14.401	1925	1934	1943	rBV3	24675	68006	4.35%	0.365%
16	14.560	1957	1961	1965	rVB3	12084	18327	1.17%	0.098%
17	14.683	1971	1982	1988	rBV	254633	422226	26.99%	2.268%
18	14.748	1988	1993	1999	rVB	52322	86963	5.56%	0.467%
19	15.077	2045	2049	2055	rVB2	55236	84937	5.43%	0.456%
20	15.300	2083	2087	2092	rBV6	10981	19189	1.23%	0.103%
21	15.347	2092	2095	2101	rVB4	10518	17789	1.14%	0.096%
22	15.470	2109	2116	2119	rBV6	13546	26364	1.69%	0.142%
23	15.512	2119	2123	2127	rVB3	18441	25755	1.65%	0.138%
24	15.729	2154	2160	2167	rBV2	93573	152821	9.77%	0.821%
25	15.893	2184	2188	2191	rBV5	10596	18109	1.16%	0.097%
26	16.023	2205	2210	2215	rVB	30439	47270	3.02%	0.254%
27	16.175	2230	2236	2245	rVV	721053	1092756	69.86%	5.870%
28	16.263	2249	2251	2257	rVB7	16060	22990	1.47%	0.123%
29	16.381	2266	2271	2272	rBV4	18751	26589	1.70%	0.143%
30	16.404	2273	2275	2281	rVB5	22741	28354	1.81%	0.152%
31	16.733	2322	2331	2336	rBV4	31427	76860	4.91%	0.413%
32	16.780	2337	2339	2346	rVB7	13601	21458	1.37%	0.115%
33	16.886	2354	2357	2360	rVB4	13244	16135	1.03%	0.087%
34	16.962	2364	2370	2373	rBV7	21363	42634	2.73%	0.229%
35	17.086	2386	2391	2397	rBV5	25318	46792	2.99%	0.251%
36	17.168	2401	2405	2410	rVB8	24225	42009	2.69%	0.226%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081621\
Data File : BG049865.D
Acq On : 17 Aug 2021 1:17
Operator : CG/JU
Sample : M3407-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 26N

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-BG080321.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	17.250	2416	2419	2429	rVB2	45394	78295	5.01%	0.421%
38	17.438	2445	2451	2454	rBV	264350	438431	28.03%	2.355%
39	17.479	2454	2458	2465	rVB	700682	1030875	65.90%	5.538%
40	17.568	2465	2473	2478	rBV	157752	254634	16.28%	1.368%
41	17.838	2514	2519	2526	rBV2	51533	84380	5.39%	0.453%
42	18.314	2596	2600	2604	rBV	81819	121037	7.74%	0.650%
43	18.361	2604	2608	2615	rVB2	121039	192441	12.30%	1.034%
44	18.443	2618	2622	2627	rVB	54521	74246	4.75%	0.399%
45	18.513	2627	2634	2638	rBV3	139063	279852	17.89%	1.503%
46	18.807	2680	2684	2688	rVB	70908	87896	5.62%	0.472%
47	18.860	2689	2693	2696	rVB4	38854	56389	3.60%	0.303%
48	19.230	2752	2756	2760	rBV4	50058	81343	5.20%	0.437%
49	19.494	2795	2801	2807	rBV	1111637	1564292	100.00%	8.403%
50	19.823	2852	2857	2858	rBV	169094	241807	15.46%	1.299%
51	19.853	2858	2862	2870	rVB	858106	1318817	84.31%	7.085%
52	20.047	2889	2895	2900	rVB	1205731	1531629	97.91%	8.228%
53	20.440	2959	2962	2966	rBV	98520	119140	7.62%	0.640%
54	21.345	3112	3116	3120	rBV2	191519	282124	18.04%	1.516%
55	21.709	3172	3178	3184	rBV3	495672	1140465	72.91%	6.126%
56	21.768	3185	3188	3199	rVB	343254	553882	35.41%	2.975%
57	23.965	3556	3562	3569	rBV	187135	535532	34.23%	2.877%
58	24.699	3683	3687	3698	rVB2	141249	382842	24.47%	2.057%
59	24.852	3706	3713	3727	rVB	231972	662784	42.37%	3.560%
60	25.005	3734	3739	3746	rVB2	120683	281825	18.02%	1.514%

Sum of corrected areas: 18615445

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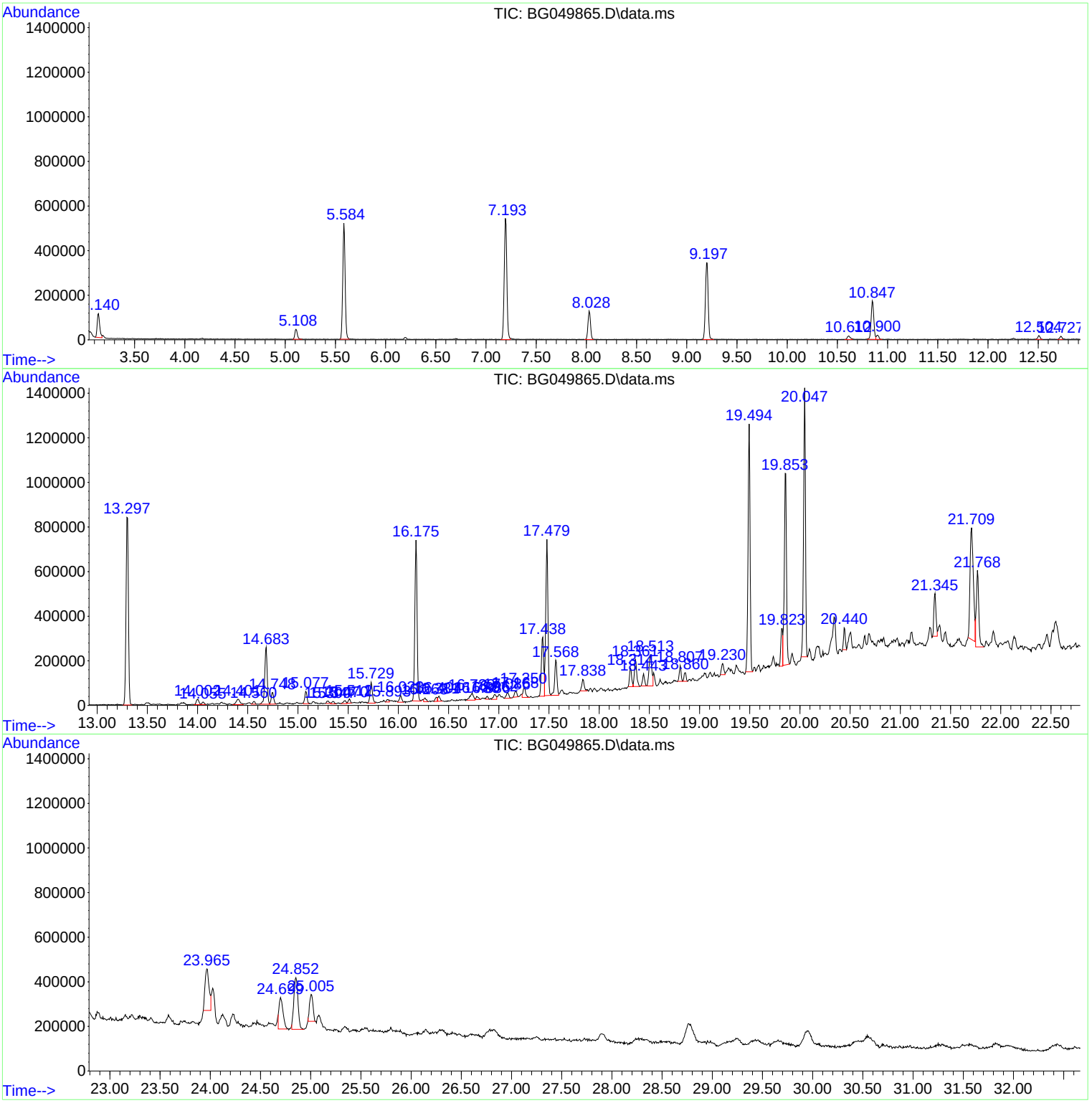
Sample : M3407-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
26N

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081621\
Data File : BG049865.D
Acq On : 17 Aug 2021 1:17
Operator : CG/JU
Sample : M3407-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 26N

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

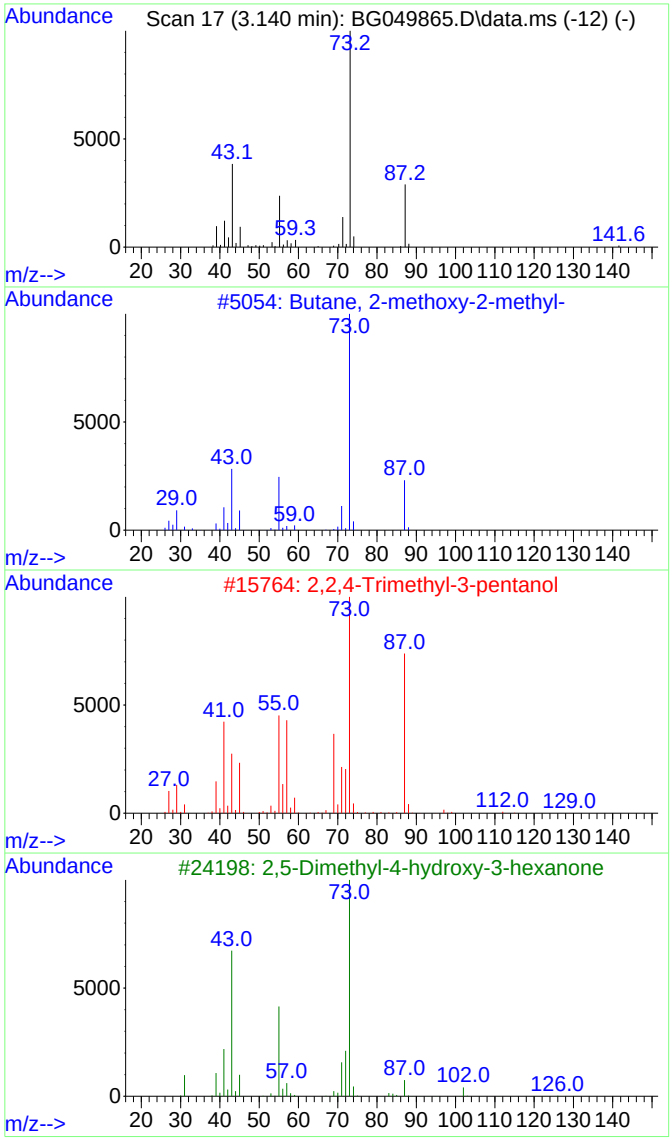
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

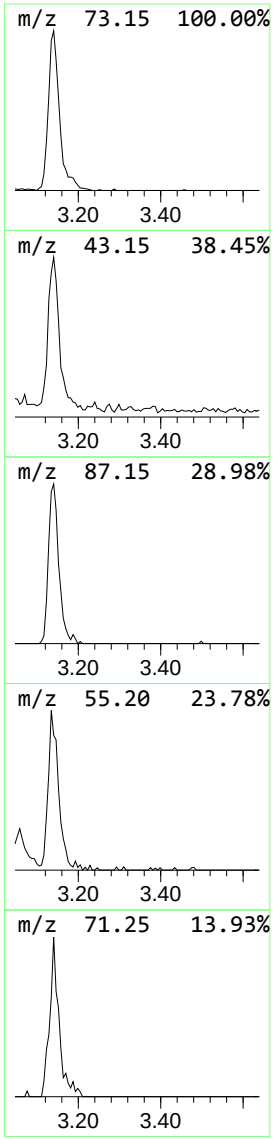
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.140	17.10 ng	188404	1,4-Dichlorobenzene-d4	8.028

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	64
3	2,5-Dimethyl-4-hydroxy-3-hexanone	144	C8H16O2	000815-77-0	59
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
5	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	12





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081621\
Data File : BG049865.D
Acq On : 17 Aug 2021 1:17
Operator : CG/JU
Sample : M3407-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 26N

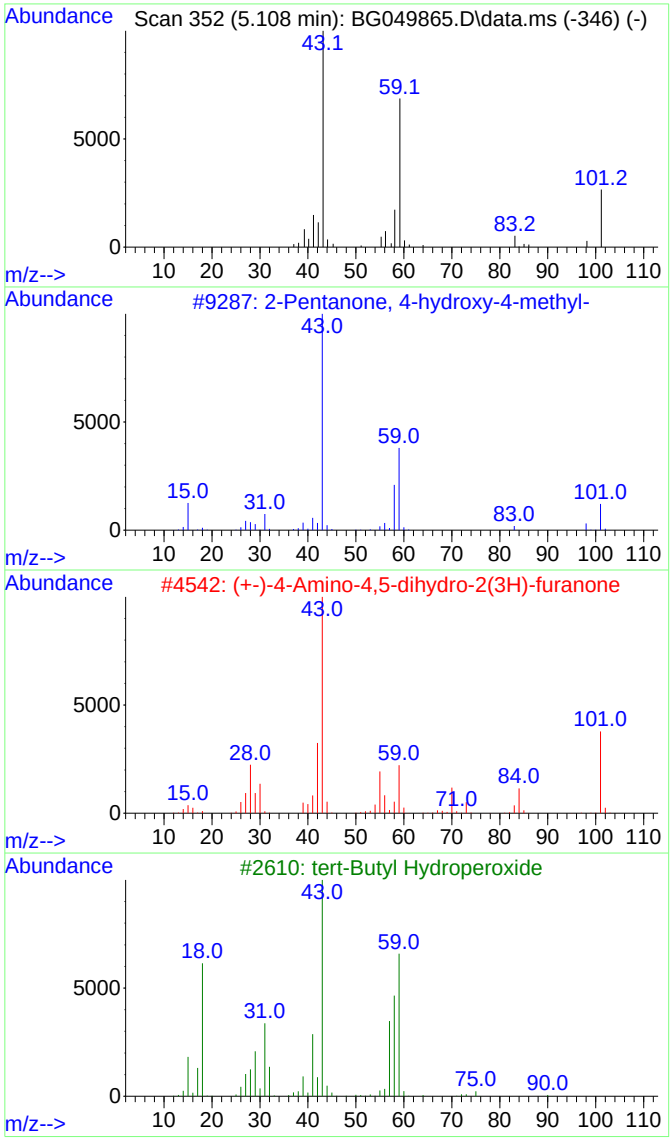
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

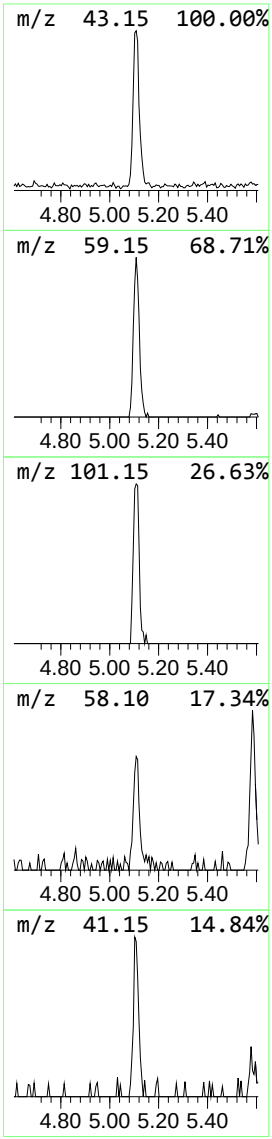
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.108	6.94 ng	76403	1,4-Dichlorobenzene-d4	8.028

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	43
3	tert-Butyl Hydroperoxide	90	C4H10O2	000075-91-2	28
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
5	2,3-Dimethyloxirane-2-carboxylic...	130	C6H10O3	1000306-64-4	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081621\
Data File : BG049865.D
Acq On : 17 Aug 2021 1:17
Operator : CG/JU
Sample : M3407-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 26N

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

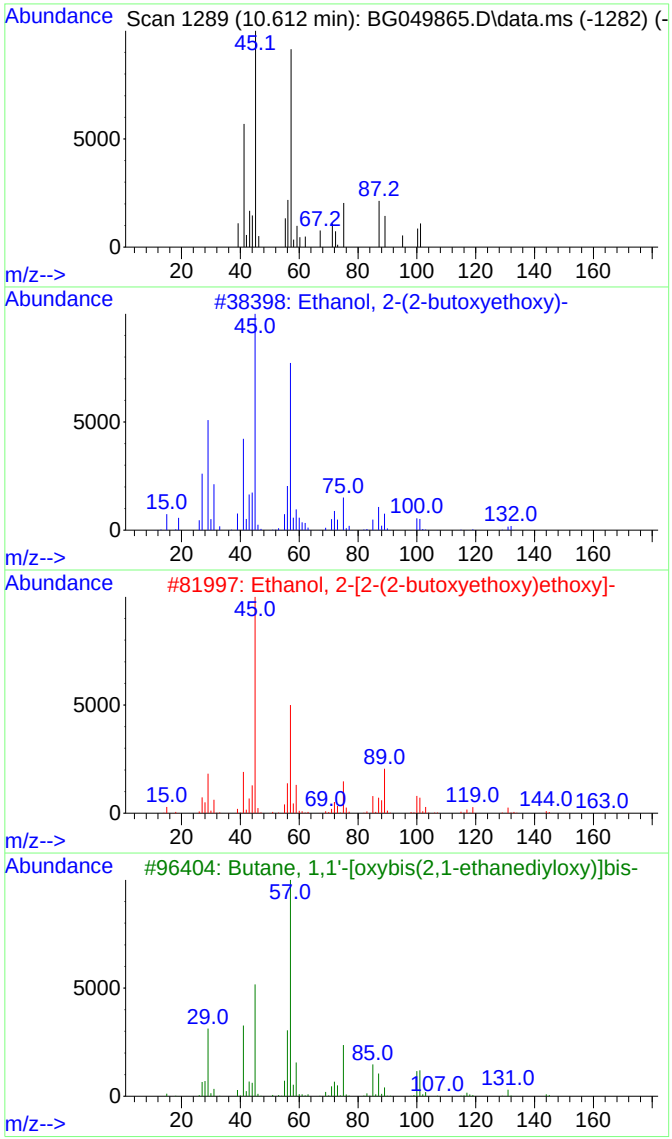
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

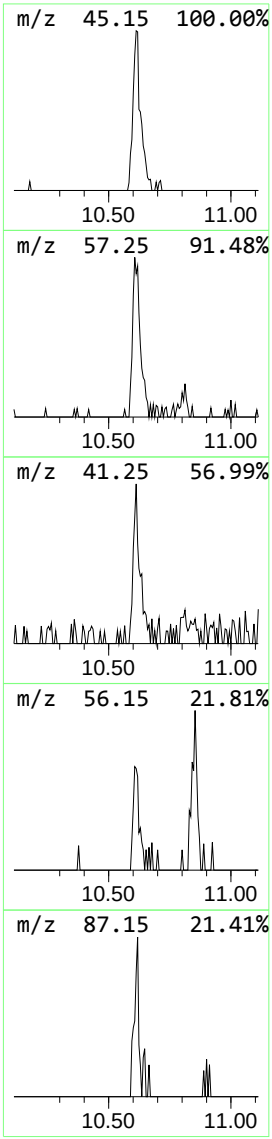
****

Peak Number 3 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.612	2.11 ng	33593	Naphthalene-d8	10.847

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	78
2	Ethanol, 2-[2-(2-butoxyethoxy)et...	206	C10H22O4	000143-22-6	42
3	Butane, 1,1'-[oxybis(2,1-ethaned...	218	C12H26O3	000112-73-2	37
4	Butanamide, 3,N-dihydroxy-	119	C4H9NO3	090567-52-5	37
5	Diisopropyl ether	102	C6H14O	000108-20-3	37





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081621\
Data File : BG049865.D
Acq On : 17 Aug 2021 1:17
Operator : CG/JU
Sample : M3407-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
26N

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

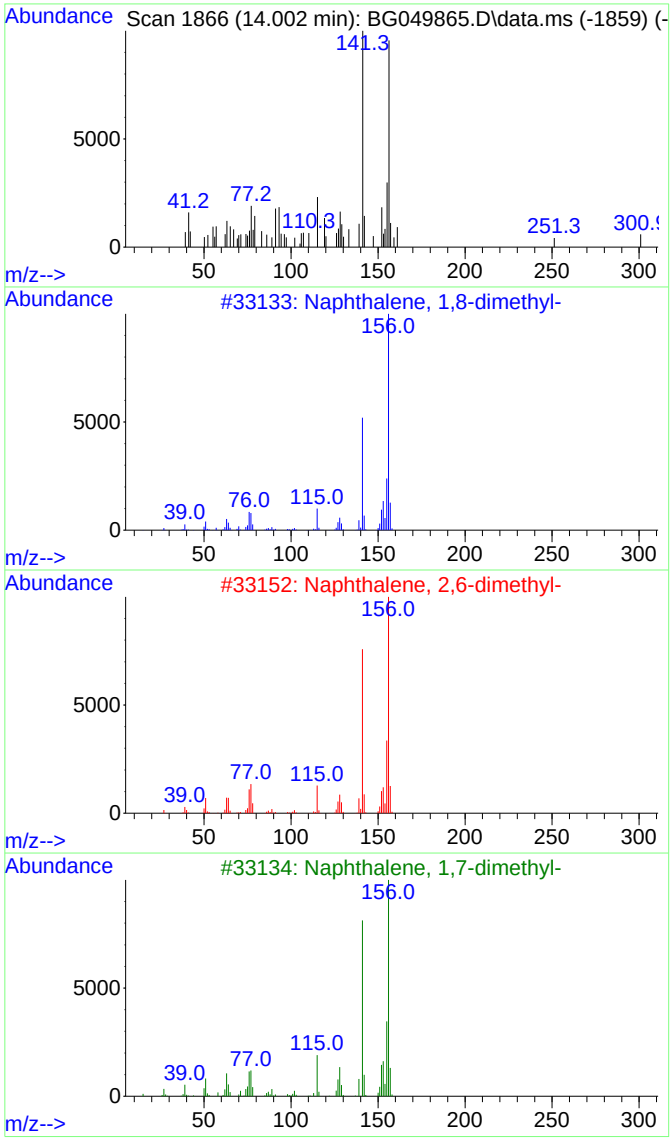
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

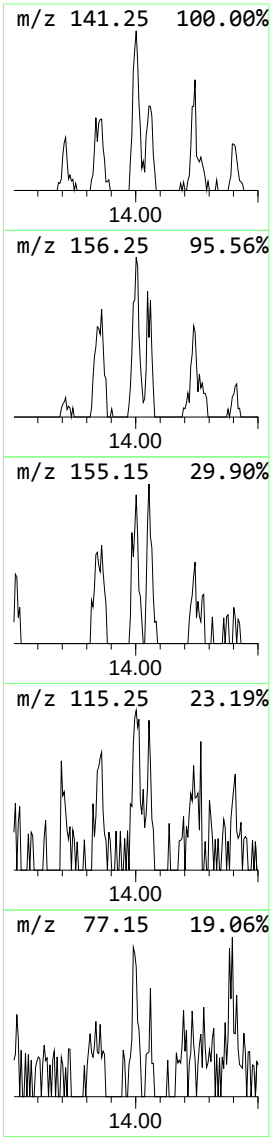
****

Peak Number 4 Naphthalene, 1,8-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.002	2.20 ng	46363	Acenaphthene-d10	14.683

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	93
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	91
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	91
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	91
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081621\
Data File : BG049865.D
Acq On : 17 Aug 2021 1:17
Operator : CG/JU
Sample : M3407-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 26N

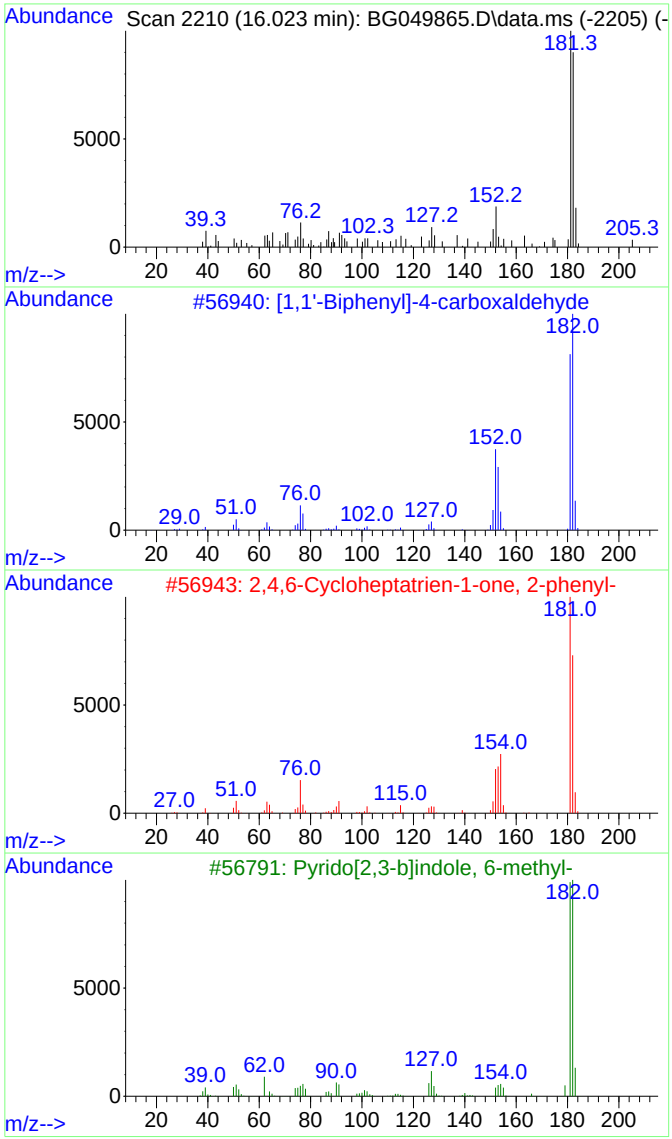
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

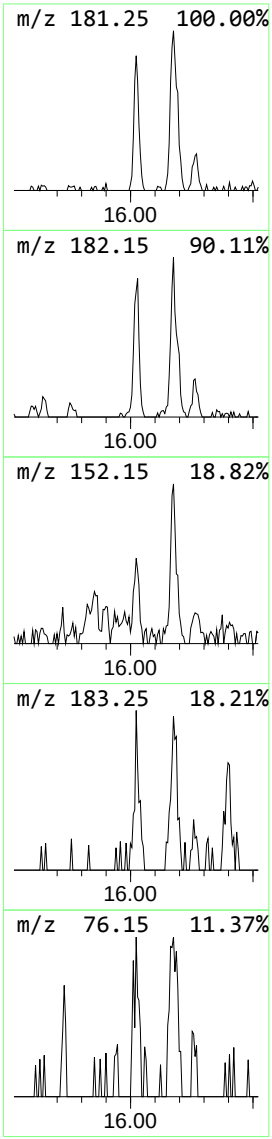
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.023	2.24 ng	47270	Acenaphthene-d10	14.683

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	83
2	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	81
3	Pyrido[2,3-b]indole, 6-methyl-	182	C12H10N2	108349-67-3	80
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
5	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	58





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Data File : BG049865.D
Acq On : 17 Aug 2021 1:17
Operator : CG/JU
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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 26N

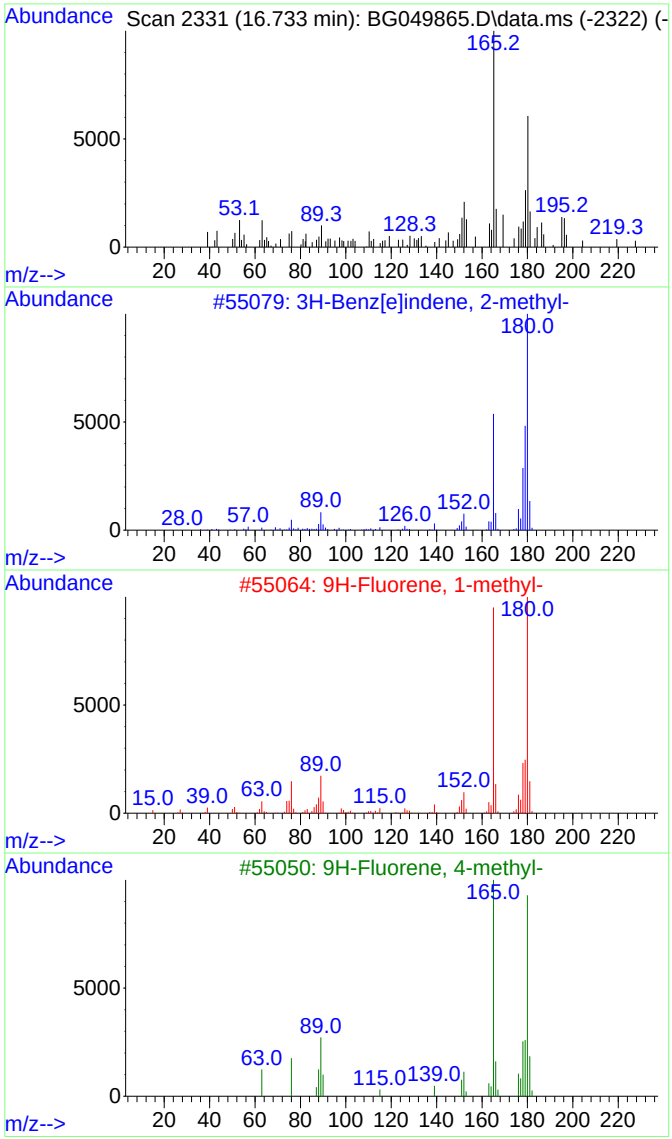
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

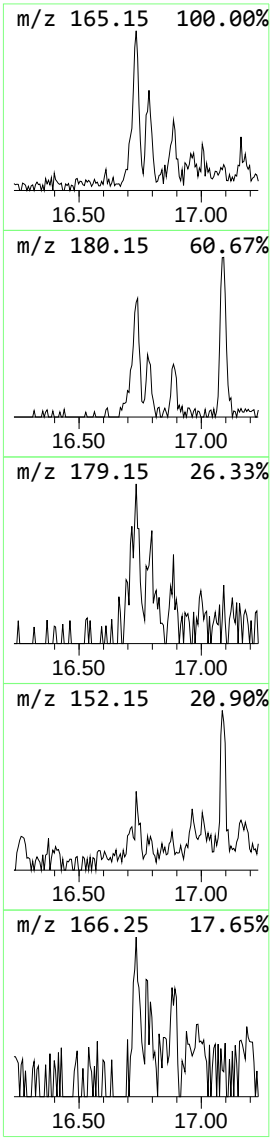
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 3H-Benz[e]indene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.733	3.51 ng	76860	Phenanthrene-d10	17.438

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3H-Benz[e]indene, 2-methyl-	180	C14H12	150096-60-9	76
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	64
3	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	62
4	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	58
5	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081621\
Data File : BG049865.D
Acq On : 17 Aug 2021 1:17
Operator : CG/JU
Sample : M3407-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 26N

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

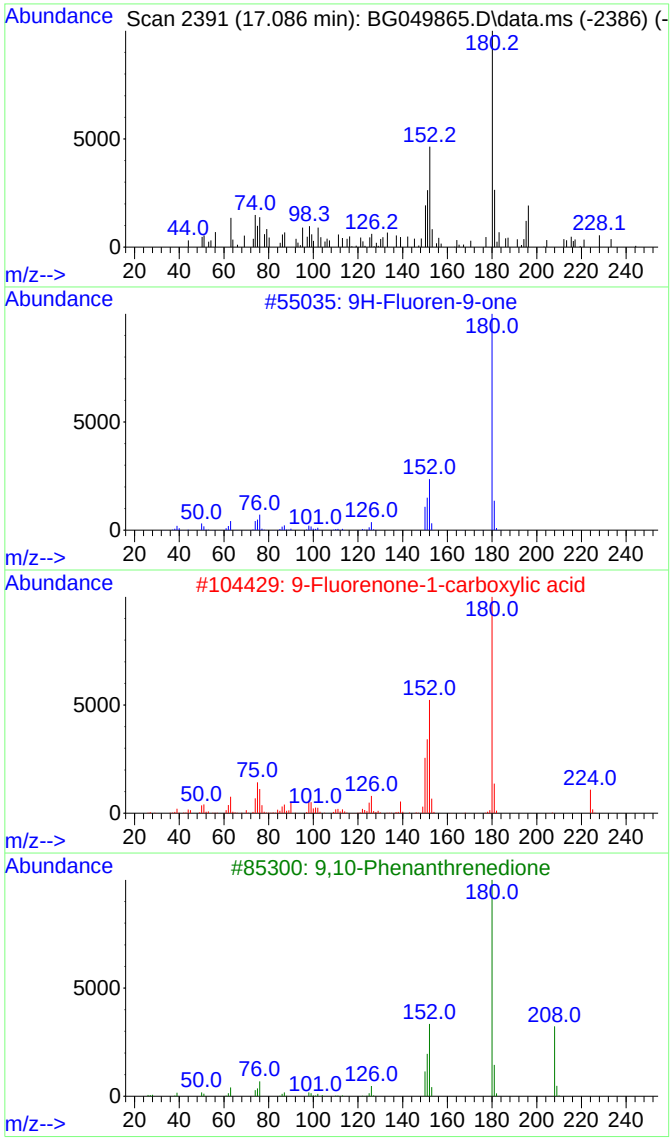
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

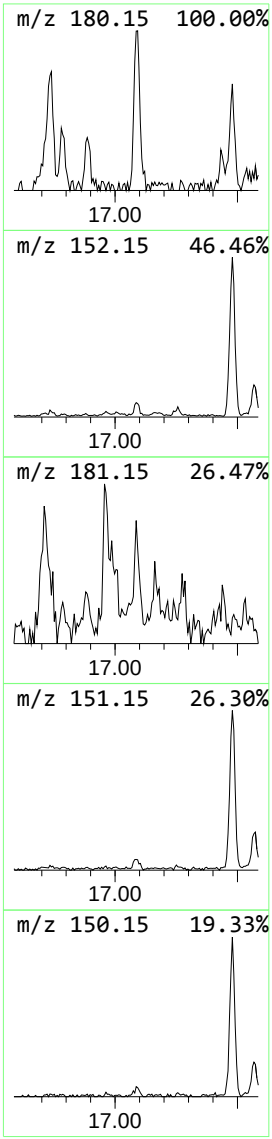
****

Peak Number 7 9H-Fluoren-9-one Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.086	2.13 ng	46792	Phenanthrene-d10	17.438

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	76
2	9-Fluorenone-1-carboxylic acid	224	C14H8O3	001573-92-8	64
3	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	53
4	6H-Purine-6-thione, 9-ethyl-1,9-...	180	C7H8N4S	005427-20-3	52
5	Diphenic anhydride	224	C14H8O3	006050-13-1	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081621\
Data File : BG049865.D
Acq On : 17 Aug 2021 1:17
Operator : CG/JU
Sample : M3407-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 26N

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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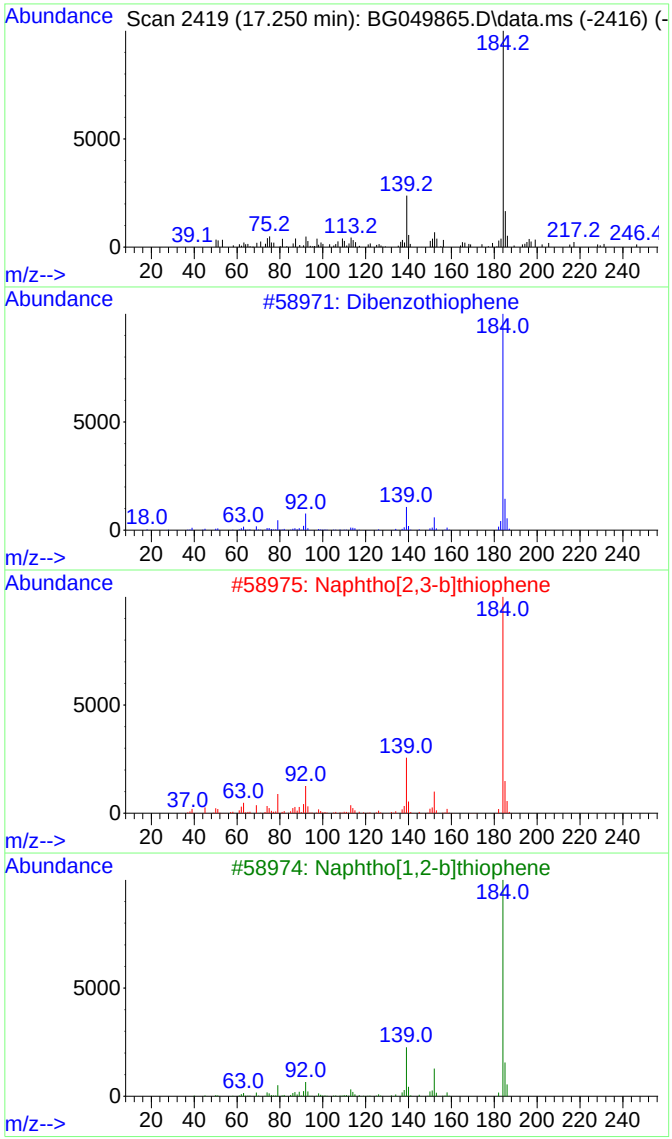
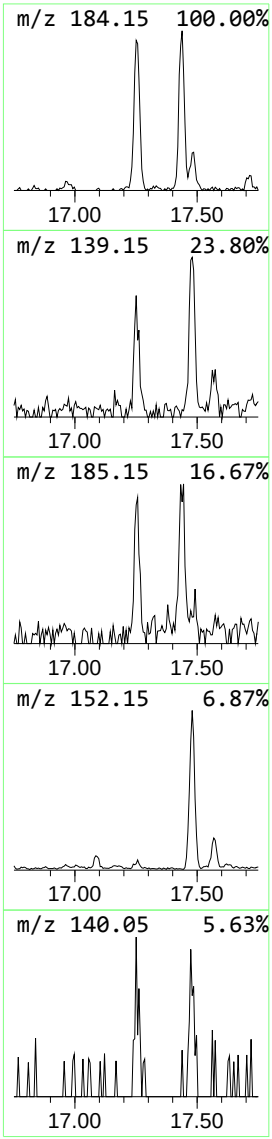
Peak Number 8 Dibenzothiophene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.250	3.57 ng	78295	Phenanthrene-d10	17.438

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	80
2	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	74
3	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	74
4	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	74
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	64





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Acq On : 17 Aug 2021 1:17
Operator : CG/JU
Sample : M3407-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 26N

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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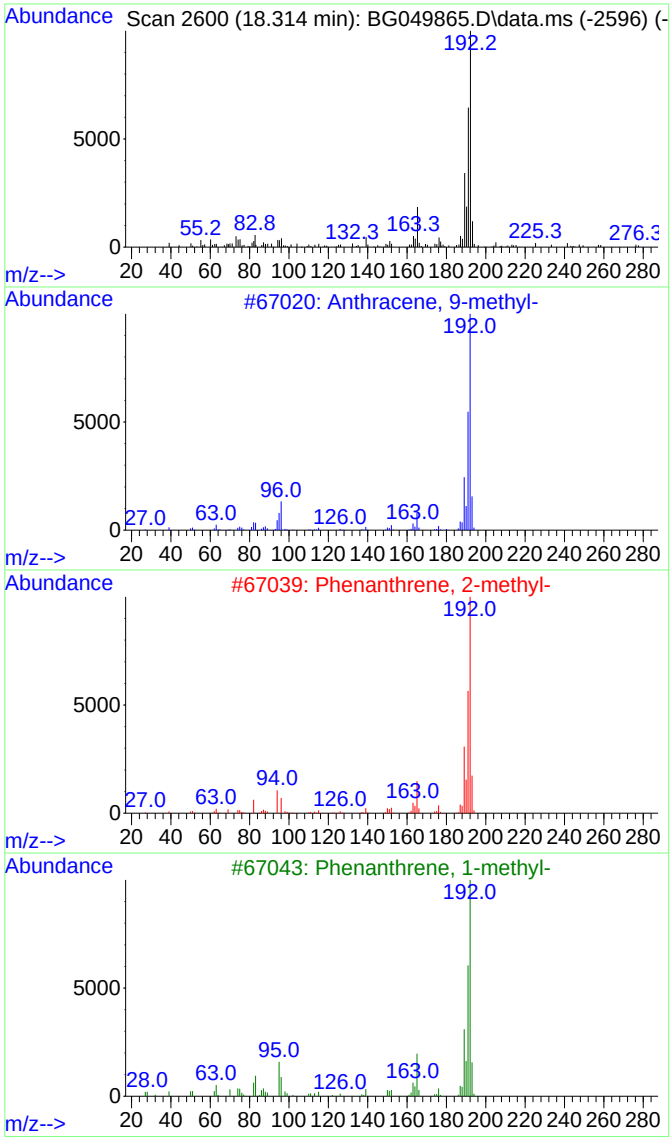
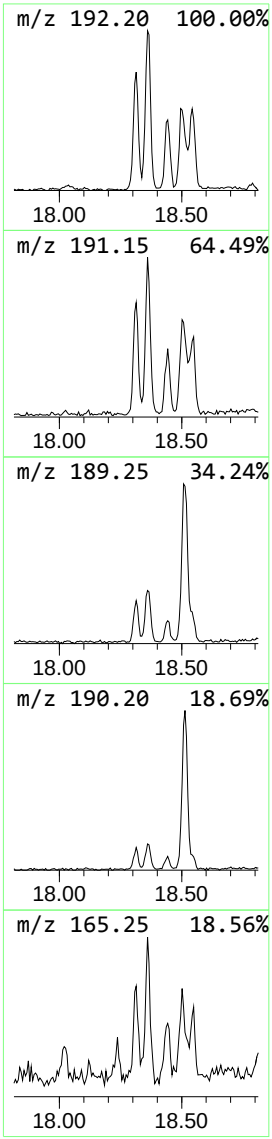
Peak Number 9 Anthracene, 9-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.314	5.52 ng	121037	Phenanthrene-d10	17.438

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
4	Benzene, 1,1'-(2-cyclopropen-1-y...	192	C15H12	022825-21-4	87
5	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	81





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Sample : M3407-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 26N

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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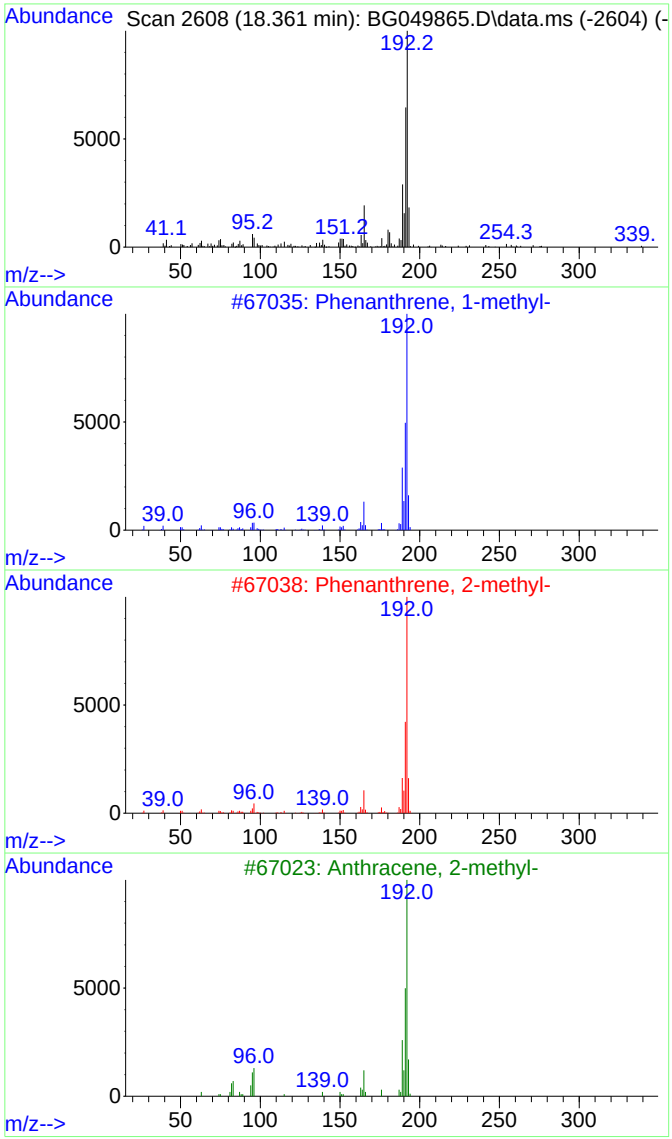
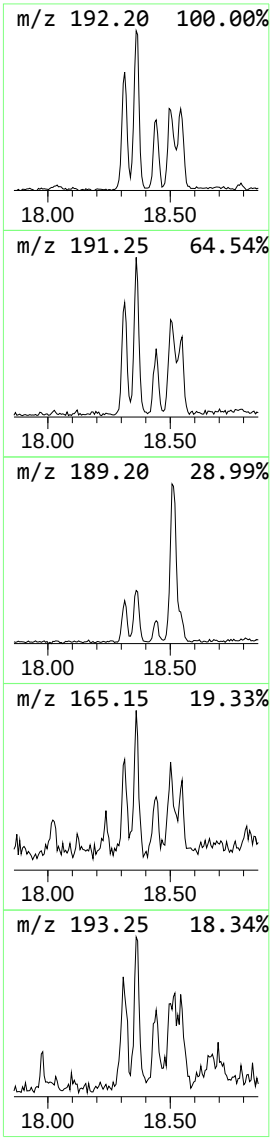
Peak Number 10 Phenanthrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.361	8.78 ng	192441	Phenanthrene-d10	17.438

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	87





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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 26N

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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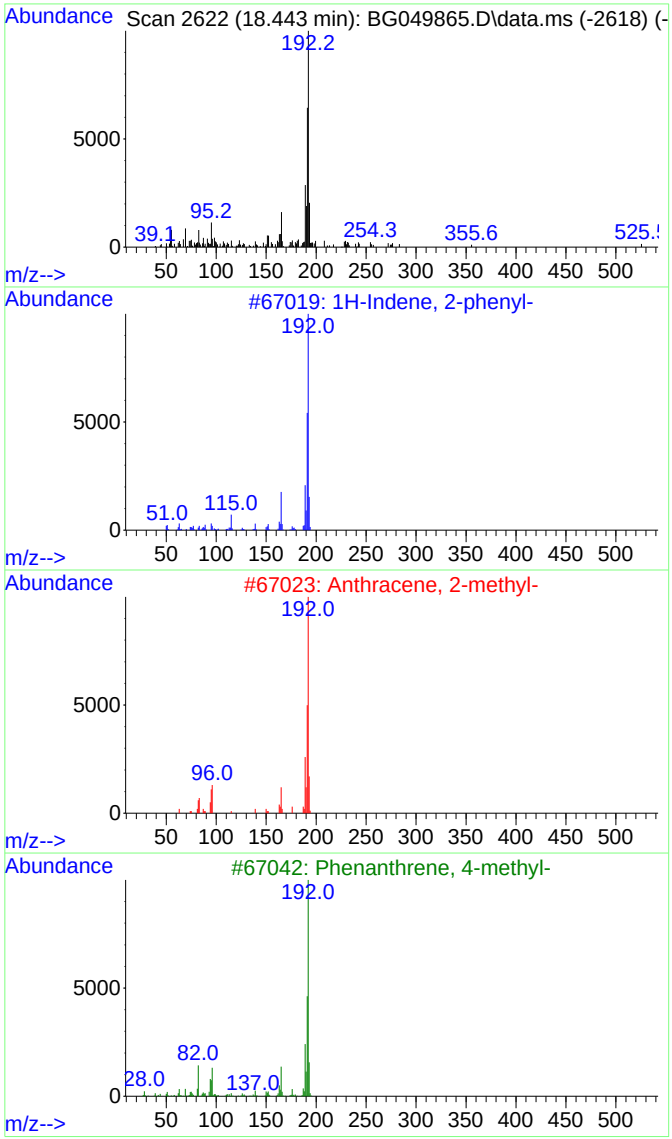
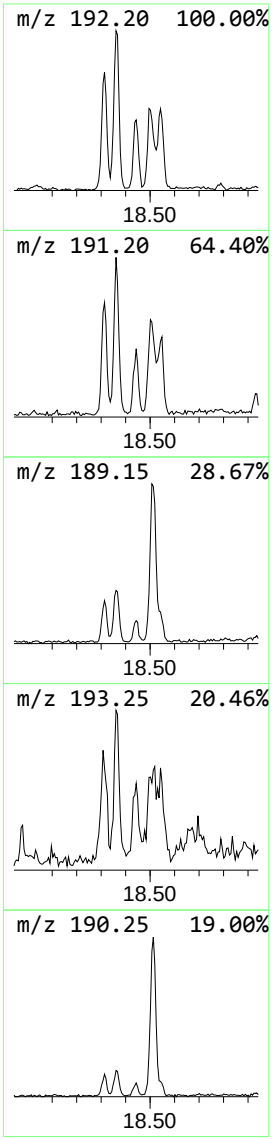
Peak Number 11 1H-Indene, 2-phenyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.443	3.39 ng	74246	Phenanthrene-d10	17.438

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	91
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	83
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	83





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Misc :
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Instrument : BNA_G
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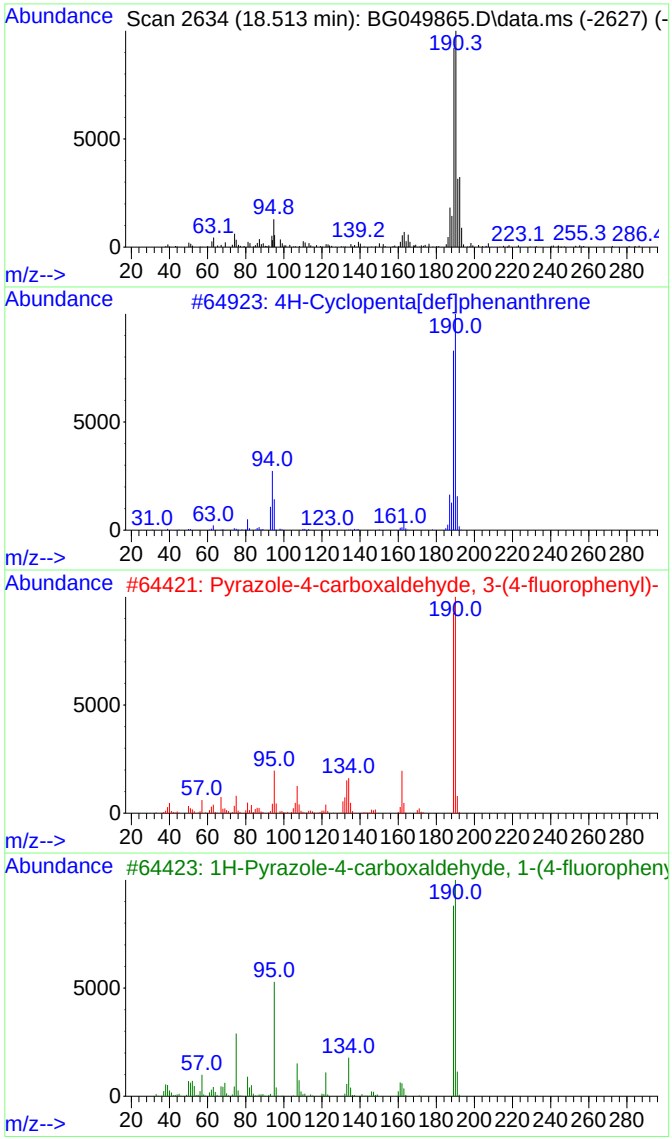
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

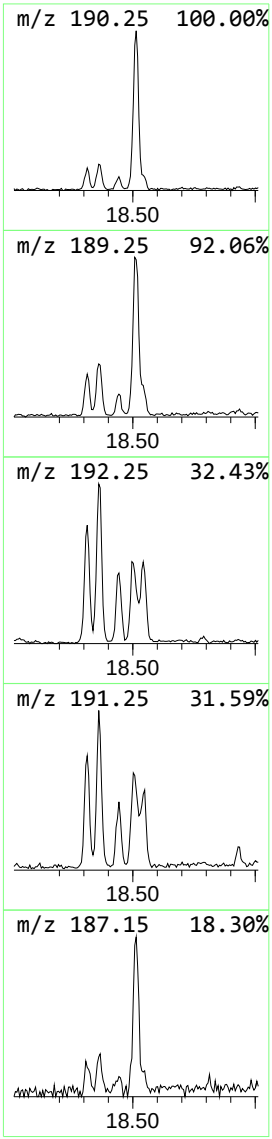
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.513	12.77 ng	279852	Phenanthrene-d10	17.438

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
2	Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	53
3	1H-Pyrazole-4-carboxaldehyde, 1-...	190	C10H7FN2O	1000338-05-6	45
4	2,4(1H,3H)-Pyrimidinedione, 5-br...	190	C4H3BrN2O2	000051-20-7	30
5	1-(Phenylethynyl)-1H-1,2,3-benzo...	219	C14H9N3	209912-23-2	25





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Sample : M3407-08
Misc :
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Instrument : BNA_G
ClientSampleId : 26N

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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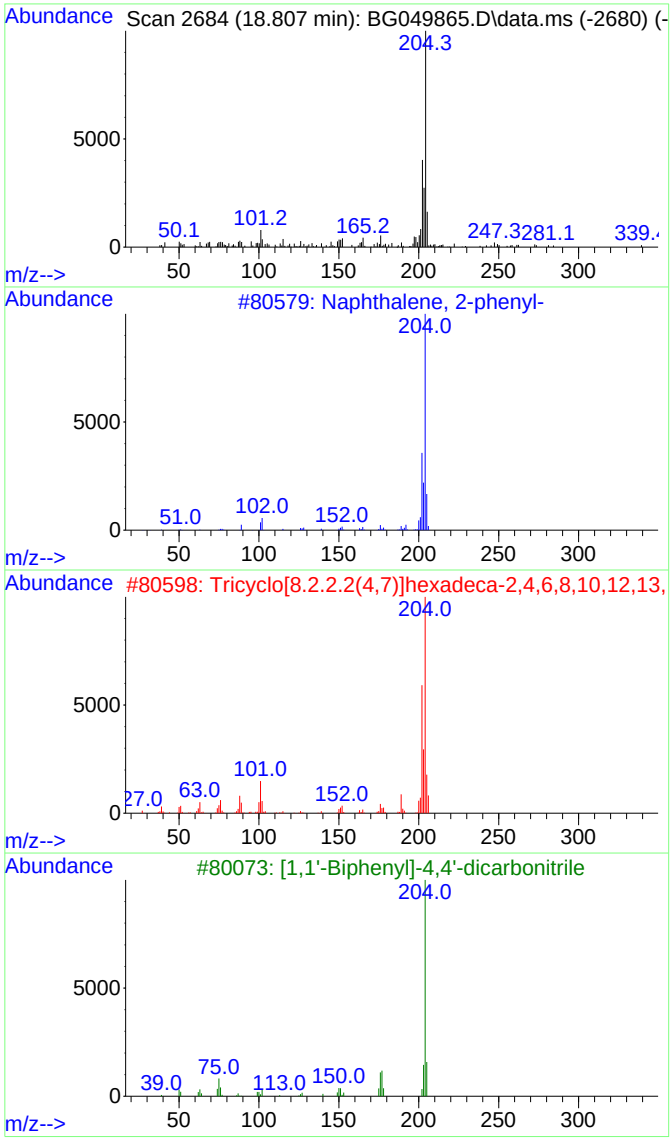
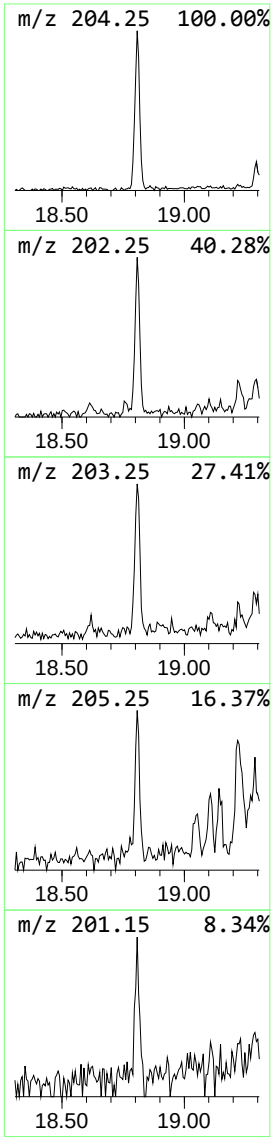
Peak Number 13 Naphthalene, 2-phenyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.807	4.01 ng	87896	Phenanthrene-d10	17.438

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	58
3	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	49
4	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	47
5	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	47





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Sample : M3407-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 26N

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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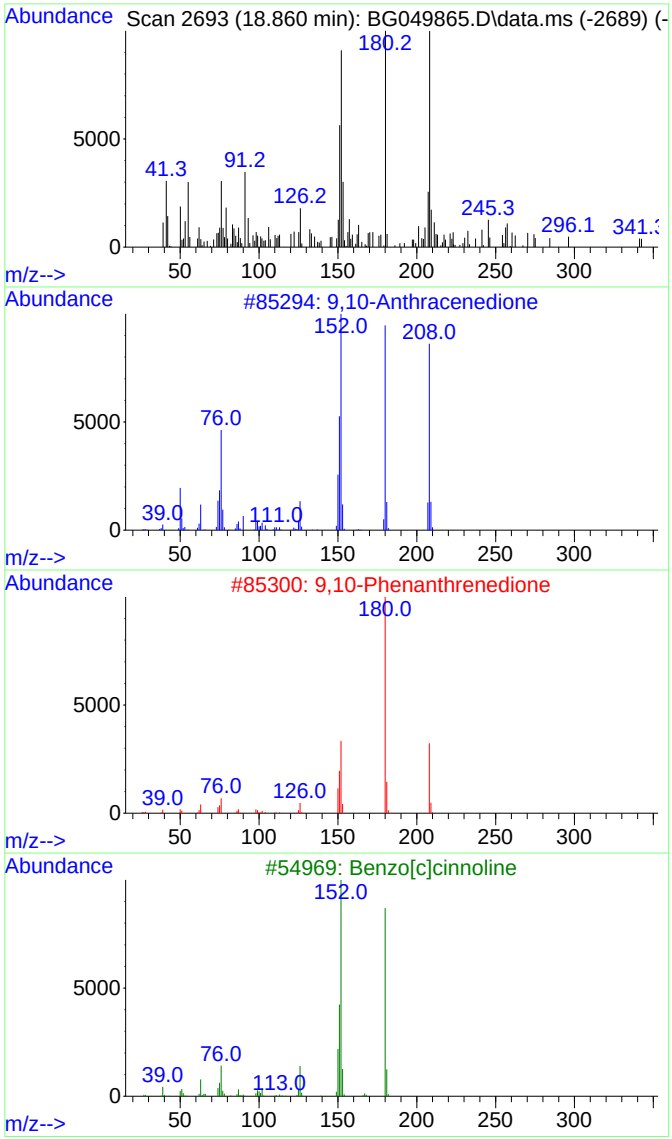
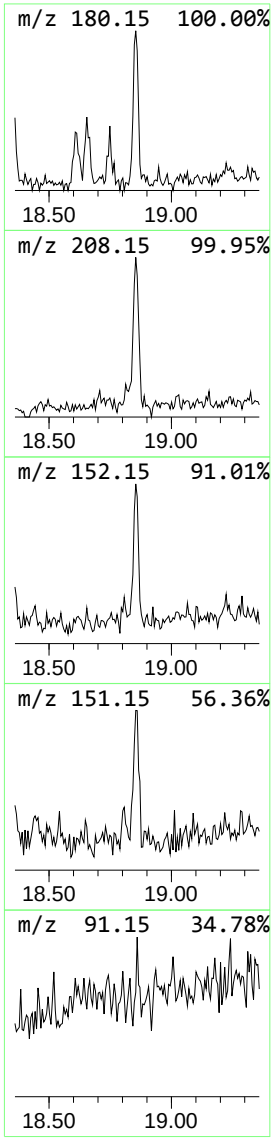
Peak Number 14 9,10-Anthracenedione Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.860	2.57 ng	56389	Phenanthrene-d10	17.438

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	76
2	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	55
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	55
4	1,4-Anthracenedione	208	C14H8O2	000635-12-1	49
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	49





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Sample : M3407-08
Misc :
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Instrument : BNA_G
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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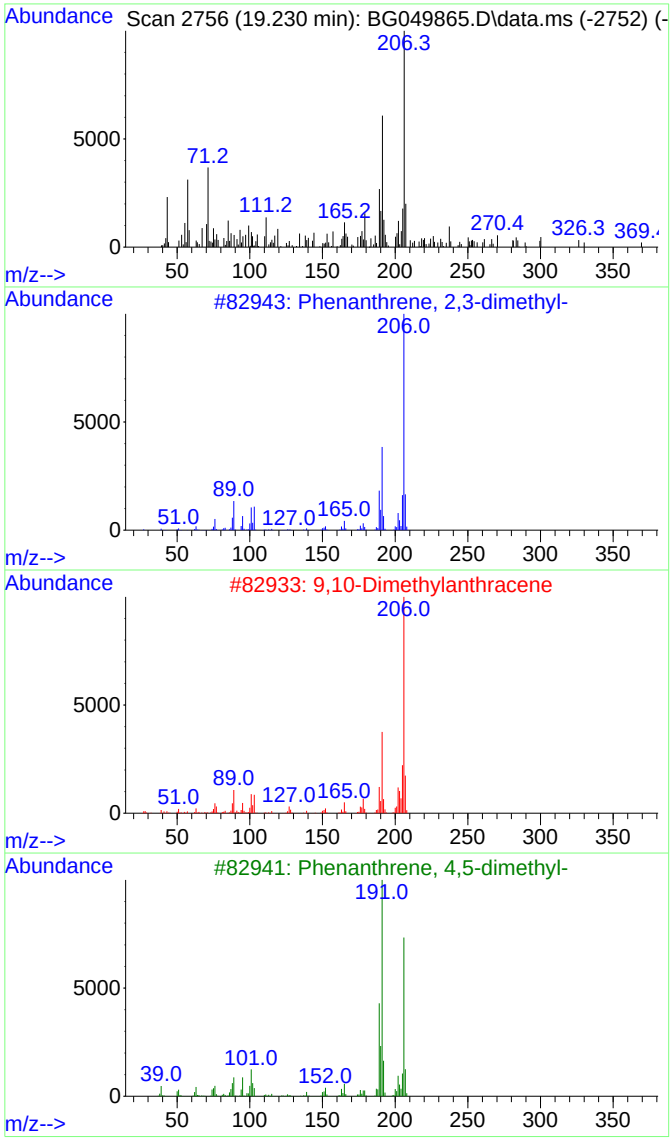
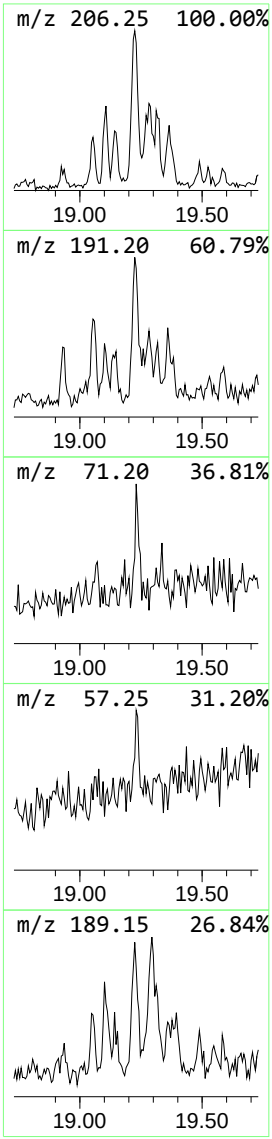
Peak Number 15 Phenanthrene, 2,3-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.230	3.71 ng	81343	Phenanthrene-d10	17.438

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	87
3	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	87
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	87
5	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	81





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Sample : M3407-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 26N

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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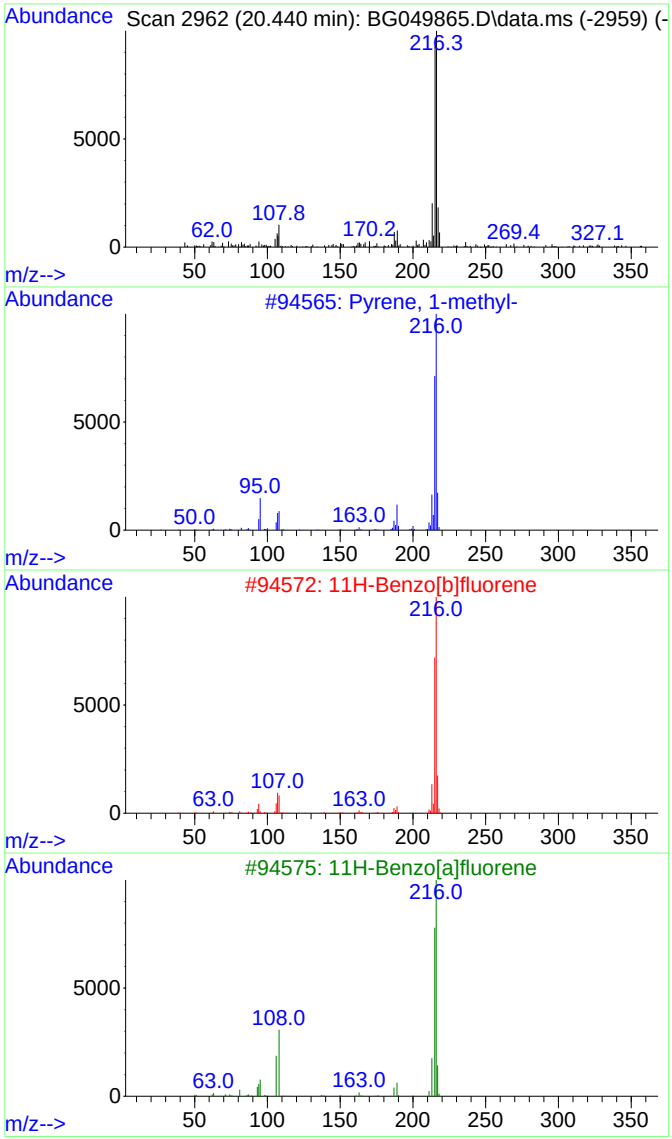
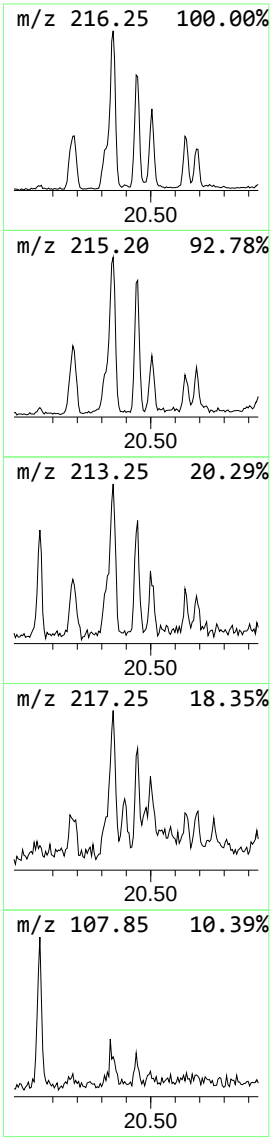
Peak Number 16 Pyrene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.440	2.09 ng	119140	Chrysene-d12	21.721

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	86
5	Benzoic acid, 3-(3,5-dimethyl-1-...	216	C12H12N2O2	312531-88-7	64





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Sample : M3407-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 26N

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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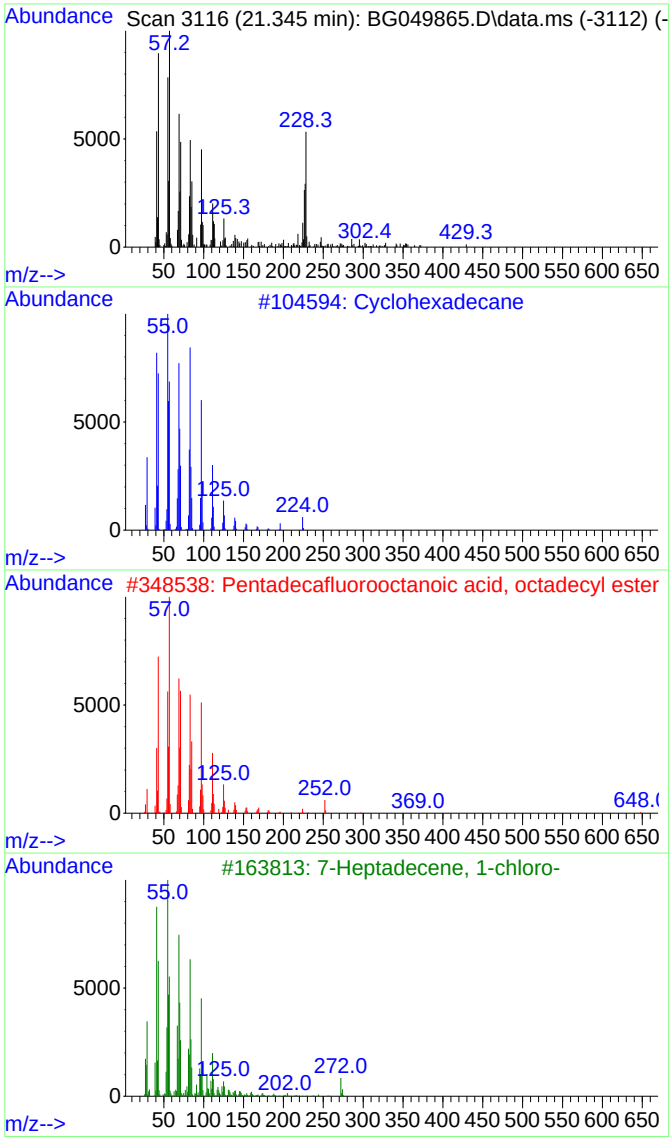
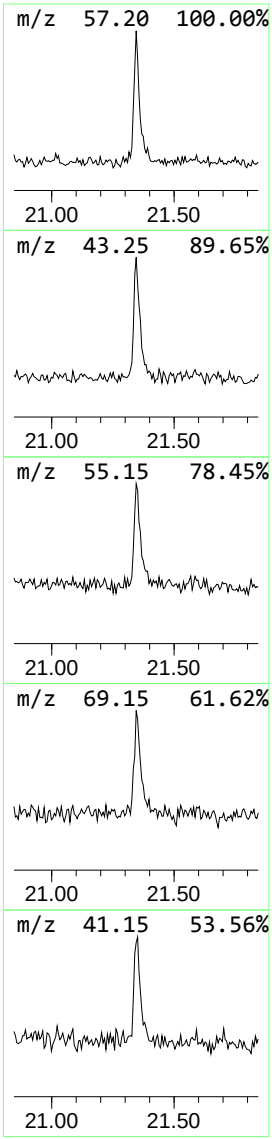
Peak Number 17 Cyclohexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.345	4.95 ng	282124	Chrysene-d12	21.721

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	86
2	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	83
3	7-Heptadecene, 1-chloro-	272	C17H33Cl	056554-78-0	64
4	Pentadecafluorooctanoic acid, he...	638	C24H33F15O2	1000406-04-6	64
5	10-Heneicosene (c,t)	294	C21H42	095008-11-0	64





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Sample : M3407-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 26N

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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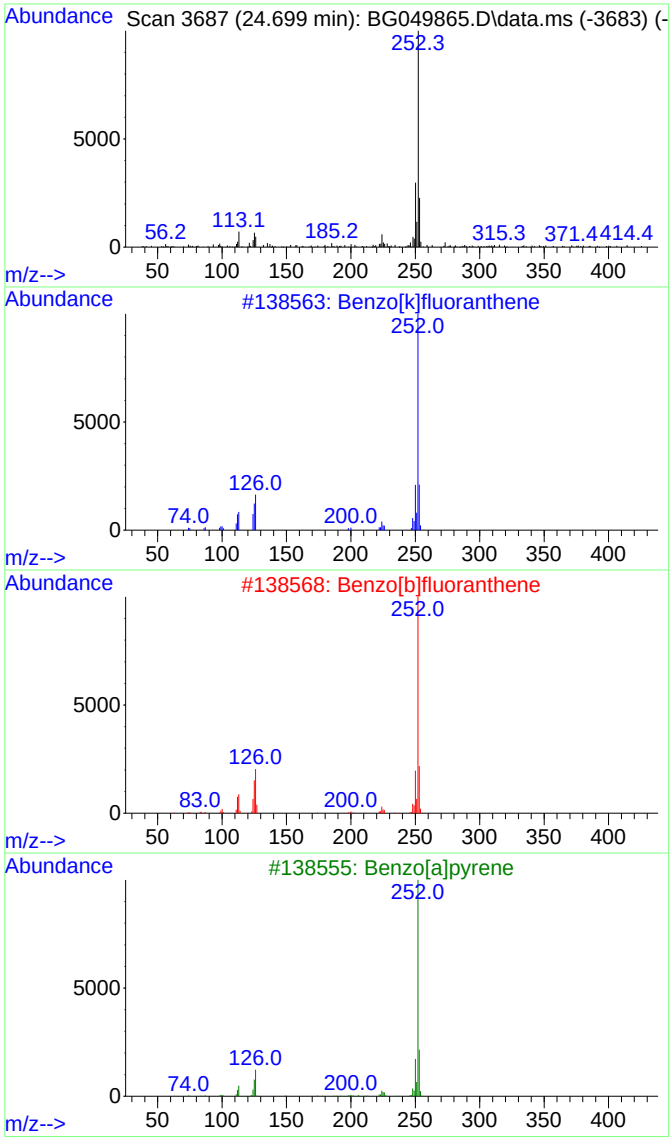
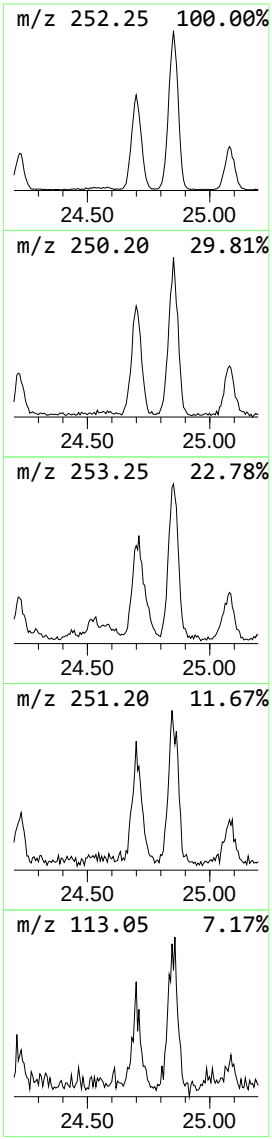
Peak Number 18 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.699	27.17 ng	382842	Perylene-d12	25.005

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	89
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	81
3	Benzo[a]pyrene	252	C20H12	000050-32-8	81
4	Benzo[e]pyrene	252	C20H12	000192-97-2	76
5	Perylene	252	C20H12	000198-55-0	68





Tentatively Identified Compound (LSC) summary

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Data File : BG049865.D
Acq On : 17 Aug 2021 1:17
Operator : CG/JU
Sample : M3407-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 26N

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	3.140	17.1	ng	188404	1	8.028	220309	20.0
2-Pentanone, 4-...	5.108	6.9	ng	76403	1	8.028	220309	20.0
Ethanol, 2-(2-b...	10.612	2.1	ng	33593	2	10.847	317980	20.0
Naphthalene, 1,...	14.002	2.2	ng	46363	3	14.683	422226	20.0
[1,1'-Biphenyl]...	16.023	2.2	ng	47270	3	14.683	422226	20.0
3H-Benz[e]inden...	16.733	3.5	ng	76860	4	17.438	438431	20.0
9H-Fluoren-9-one	17.086	2.1	ng	46792	4	17.438	438431	20.0
Dibenzothiophene	17.250	3.6	ng	78295	4	17.438	438431	20.0
Anthracene, 9-m...	18.314	5.5	ng	121037	4	17.438	438431	20.0
Phenanthrene, 1...	18.361	8.8	ng	192441	4	17.438	438431	20.0
1H-Indene, 2-ph...	18.443	3.4	ng	74246	4	17.438	438431	20.0
4H-Cyclopenta[d...	18.513	12.8	ng	279852	4	17.438	438431	20.0
Naphthalene, 2-...	18.807	4.0	ng	87896	4	17.438	438431	20.0
9,10-Anthracene...	18.860	2.6	ng	56389	4	17.438	438431	20.0
Phenanthrene, 2...	19.230	3.7	ng	81343	4	17.438	438431	20.0
Pyrene, 1-methyl-	20.440	2.1	ng	119140	5	21.721	1140470	20.0
Cyclohexadecane	21.345	5.0	ng	282124	5	21.721	1140470	20.0
Benzo[e]pyrene	24.699	27.2	ng	382842	6	25.005	281825	20.0