LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111422\
Data File : BG055615.D
Acq On : 14 Nov 2022 22:11
Operator : CG/JU
Sample : N5561-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-05

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-BG110922.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG055615.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.323	3	6	21	rVB	215731	368033	9.70%	1.144%
2	5.320	339	346	355	rVB	148447	239481	6.31%	0.744%
3	5.790	419	426	435	rBV	741899	1214519	32.03%	3.774%
4	7.400	692	700	713	rBV	761624	1333195	35.15%	4.143%
5	8.264	840	847	854	rBV	219103	364602	9.61%	1.133%
6	9.433	1038	1046	1055	rBV	474074	842122	22.21%	2.617%
7	10.838	1278	1285	1296	rBV	86155	156859	4.14%	0.487%
8	11.090	1321	1328	1336	rBV	294340	533803	14.08%	1.659%
9	13.511	1731	1740	1748	rVB	1264587	1964321	51.80%	6.104%
10	14.886	1966	1974	1981	rVB	464552	731912	19.30%	2.274%
11	16.366	2219	2226	2234	rBV	959266	1471917	38.81%	4.574%
12	16.590	2257	2264	2270	rVB7	20763	50854	1.34%	0.158%
13	17.630	2434	2441	2445	rBV	533694	854175	22.52%	2.654%
14	17.671	2445	2448	2455	rVB	91698	134228	3.54%	0.417%
15	17.759	2459	2463	2467	rVV	28028	42246	1.11%	0.131%
16	18.205	2535	2539	2545	rVB2	24411	48662	1.28%	0.151%
17	18.370	2560	2567	2572	rBV6	25440	62282	1.64%	0.194%
18	18.429	2572	2577	2582	rBV3	64176	104121	2.75%	0.324%
19	18.487	2582	2587	2593	rVV2	223053	411333	10.85%	1.278%
20	18.564	2593	2600	2605	rVB2	528577	832020	21.94%	2.585%
21	18.628	2607	2611	2615	rVV2	40466	55121	1.45%	0.171%
22	18.687	2615	2621	2625	rBV2	145754	270525	7.13%	0.841%
23	18.728	2625	2628	2632	rVB	92976	123892	3.27%	0.385%
24	18.775	2632	2636	2639	rBV4	26560	43719	1.15%	0.136%
25	18.887	2651	2655	2661	rVB3	35420	57349	1.51%	0.178%
26	18.987	2667	2672	2676	rBV3	61992	100762	2.66%	0.313%
27	19.028	2676	2679	2689	rVB5	39538	101547	2.68%	0.316%
28	19.110	2690	2693	2697	rBV2	33016	45434	1.20%	0.141%
29	19.157	2697	2701	2705	rBV	39036	52170	1.38%	0.162%
30	19.228	2706	2713	2717	rBV2	72440	127491	3.36%	0.396%
31	19.281	2719	2722	2725	rBV	53173	59169	1.56%	0.184%
32	19.322	2725	2729	2733	rVB2	42047	58034	1.53%	0.180%
33	19.404	2737	2743	2747	rBV	255230	437168	11.53%	1.358%
34	19.463	2748	2753	2756	rVV3	63782	108404	2.86%	0.337%
35	19.539	2761	2766	2772	rBV4	104274	226214	5.96%	0.703%
36	19.662	2782	2787	2793	rVB	493032	726819	19.17%	2.258%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111422\
Data File : BG055615.D
Acq On : 14 Nov 2022 22:11
Operator : CG/JU
Sample : N5561-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-05

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-BG110922.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	19.721	2793	2797	2799	rVV2	49315	77051	2.03%	0.239%
38	19.751	2799	2802	2808	rVB3	107828	179440	4.73%	0.558%
39	19.903	2824	2828	2830	rBV3	43784	65538	1.73%	0.204%
40	20.027	2839	2849	2856	rBV	850600	1378444	36.35%	4.283%
41	20.091	2856	2860	2866	rVB2	133579	214627	5.66%	0.667%
42	20.215	2876	2881	2886	rBV	1830992	2336994	61.62%	7.262%
43	20.279	2886	2892	2896	rVB	2850956	3792391	100.00%	11.784%
44	20.356	2896	2905	2913	rBV4	170456	441244	11.63%	1.371%
45	20.503	2921	2930	2936	rVB5	167847	476508	12.56%	1.481%
46	20.673	2954	2959	2963	rBV	229043	313450	8.27%	0.974%
47	20.708	2963	2965	2969	rVB	44396	40432	1.07%	0.126%
48	20.814	2979	2983	2987	rBV	283594	395287	10.42%	1.228%
49	20.861	2987	2991	2994	rVV	212853	312310	8.24%	0.970%
50	20.896	2994	2997	3002	rVB2	110037	150415	3.97%	0.467%
51	21.290	3060	3064	3071	rVB2	157387	273298	7.21%	0.849%
52	21.531	3102	3105	3110	rVB	161442	222877	5.88%	0.693%
53	21.913	3164	3170	3178	rBV3	1604329	3463674	91.33%	10.762%
54	21.977	3178	3181	3188	rVB	485488	789218	20.81%	2.452%
55	22.700	3300	3304	3309	rVB	168453	279367	7.37%	0.868%
56	24.263	3563	3570	3578	rBV2	228039	783194	20.65%	2.434%
57	25.039	3697	3702	3718	rVB	195364	556724	14.68%	1.730%
58	25.191	3722	3728	3741	rVB	233749	704764	18.58%	2.190%
59	25.362	3750	3757	3766	rVB2	219021	581419	15.33%	1.807%

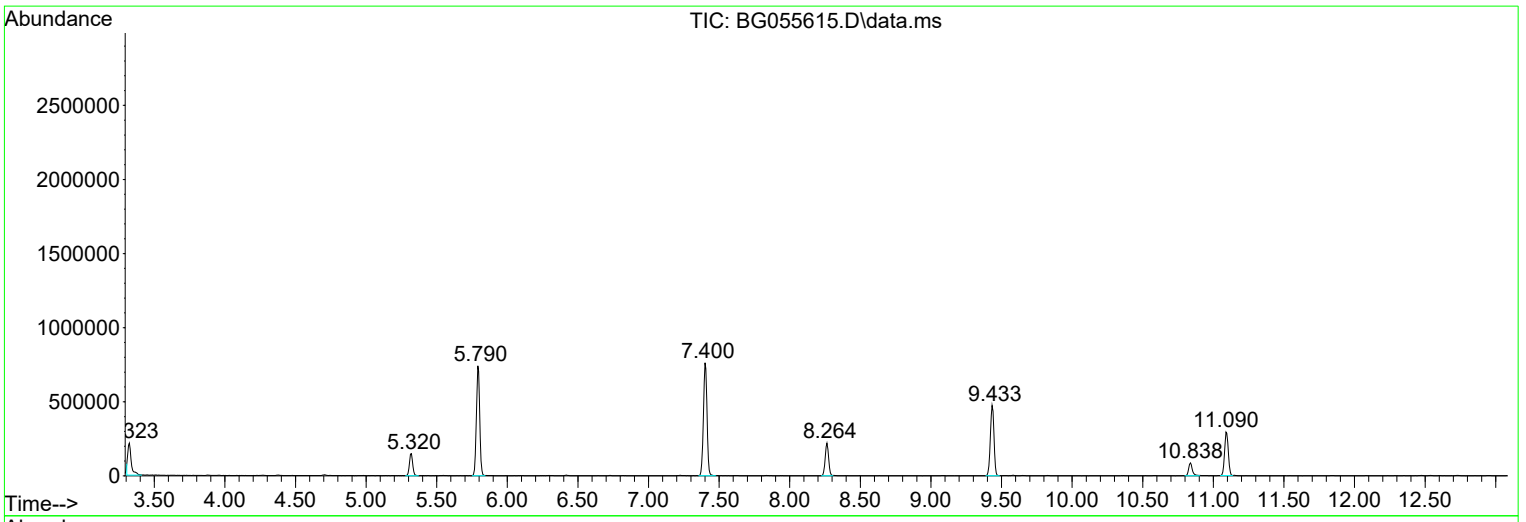
Sum of corrected areas: 32183169

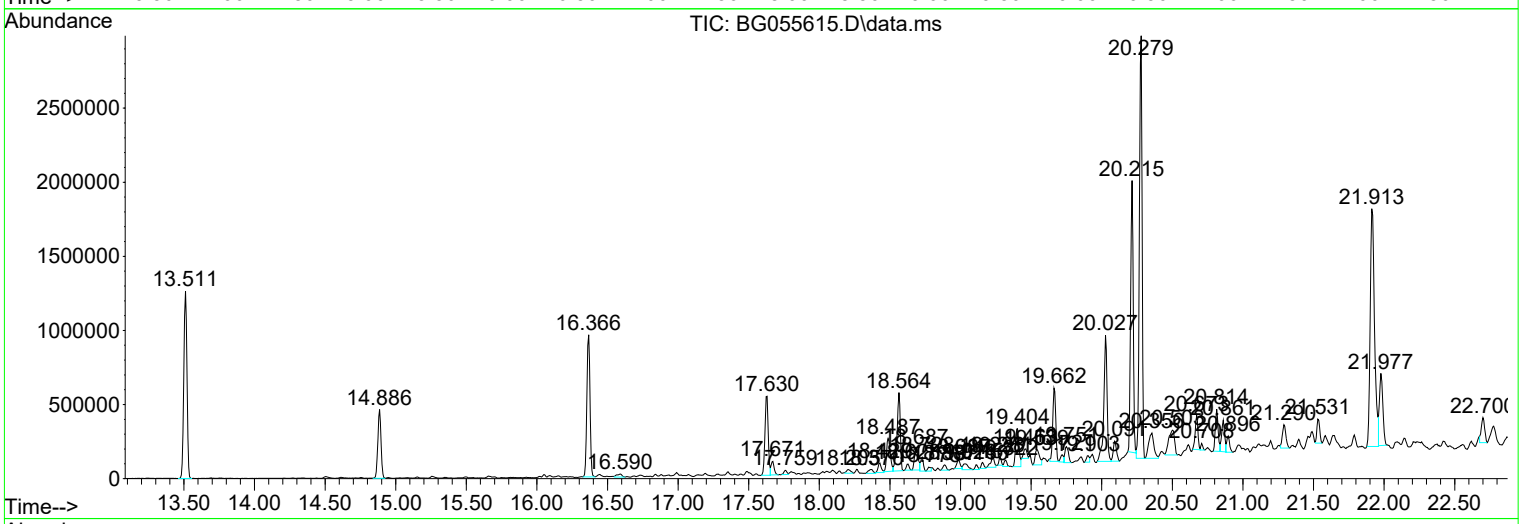
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111422\
Data File : BG055615.D
Acq On : 14 Nov 2022 22:11
Operator : CG/JU
Sample : N5561-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

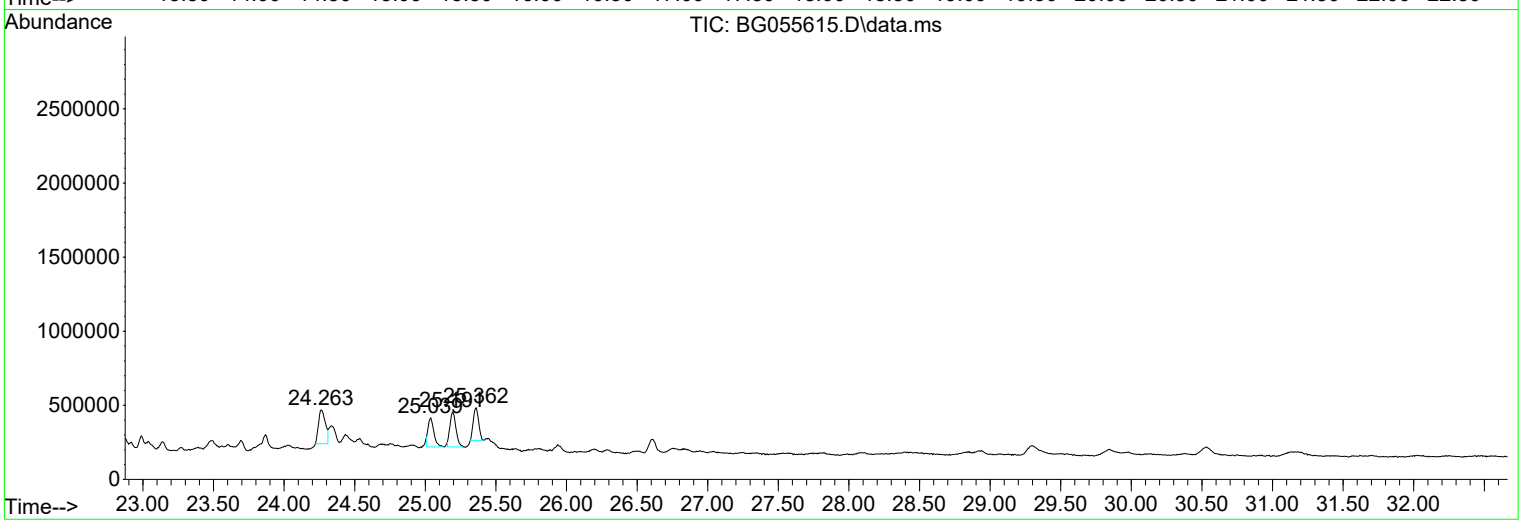
Instrument :
BNA_G
ClientSampleId :
SB-05

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110922.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\BG111422\
Data File : BG055615.D
Acq On : 14 Nov 2022 22:11
Operator : CG/JU
Sample : N5561-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-05

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

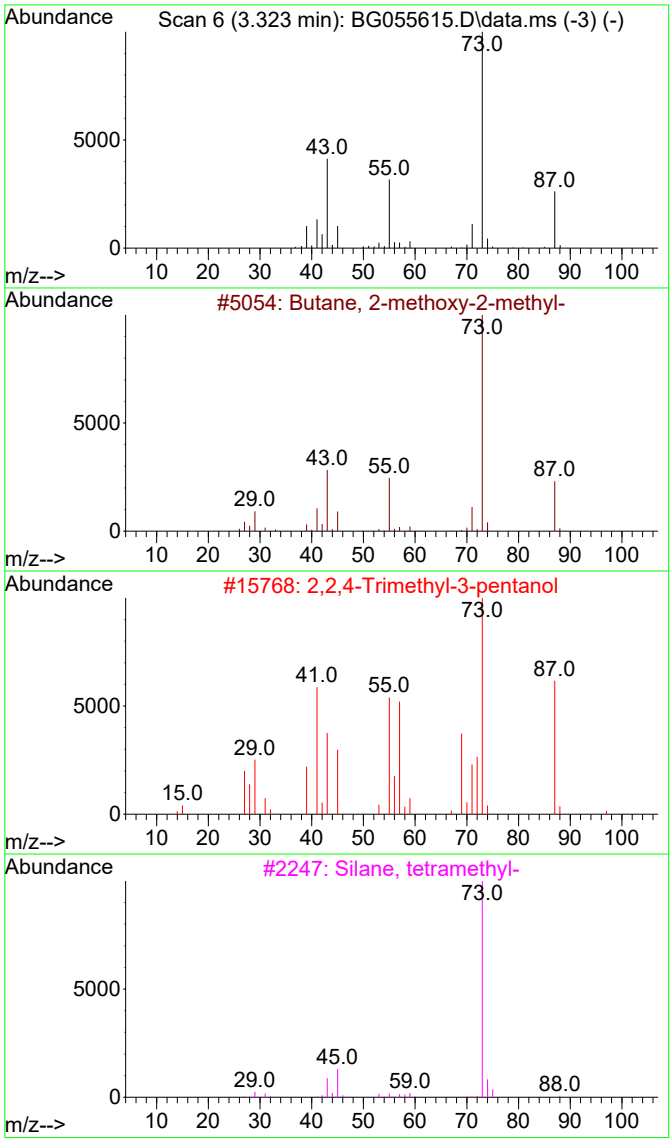
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

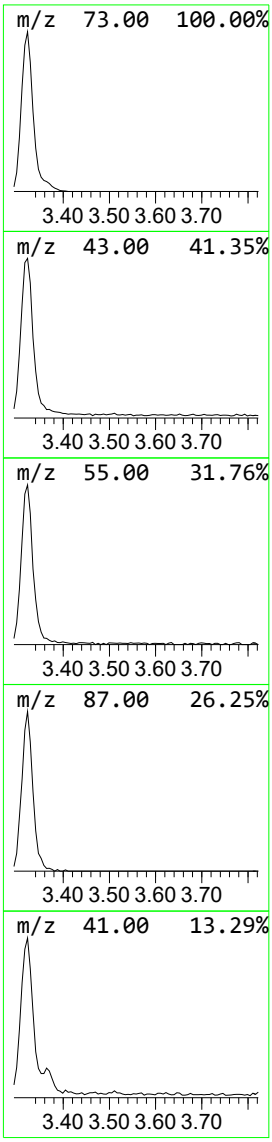
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.323	20.19 ng	368033	1,4-Dichlorobenzene-d4	8.264

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	38
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111422\
Data File : BG055615.D
Acq On : 14 Nov 2022 22:11
Operator : CG/JU
Sample : N5561-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-05

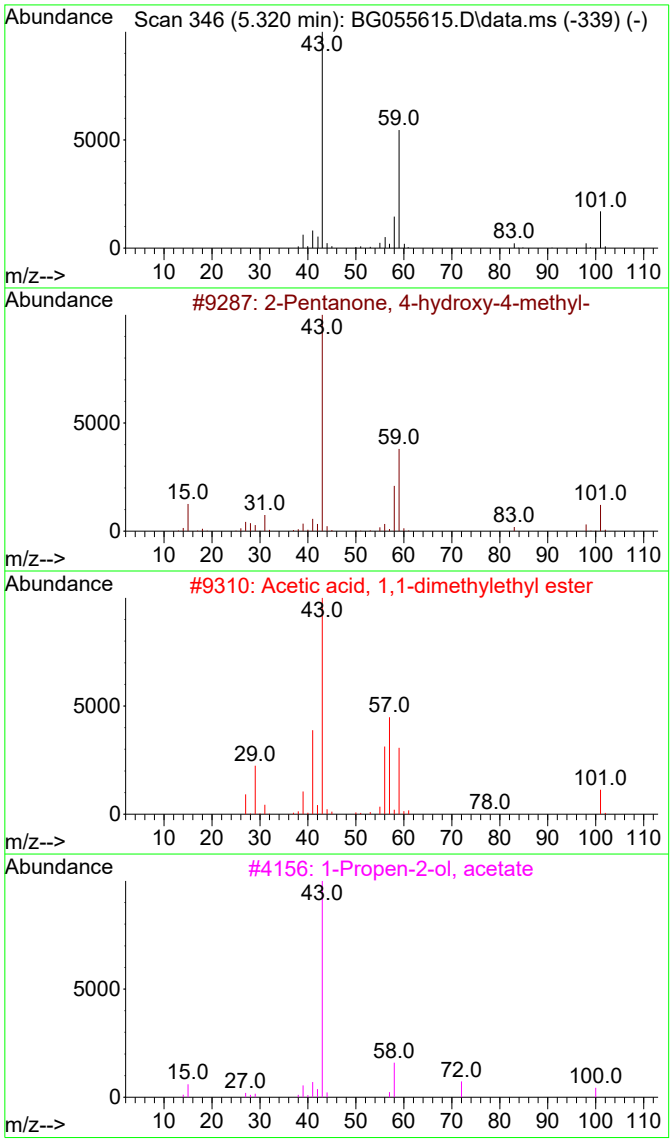
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

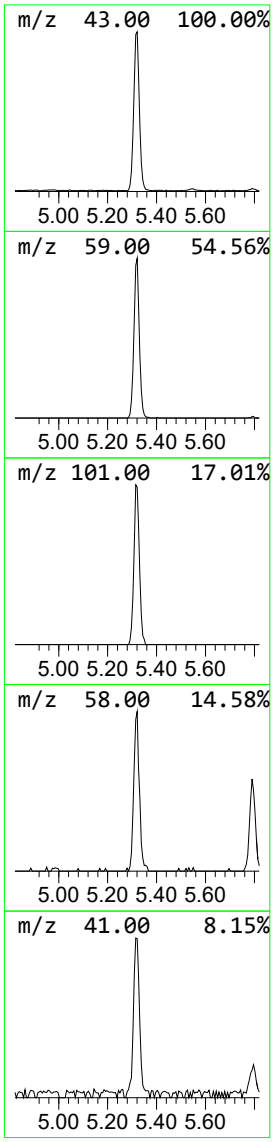
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.320	13.14 ng	239481	1,4-Dichlorobenzene-d4	8.264

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	17
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111422\
Data File : BG055615.D
Acq On : 14 Nov 2022 22:11
Operator : CG/JU
Sample : N5561-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-05

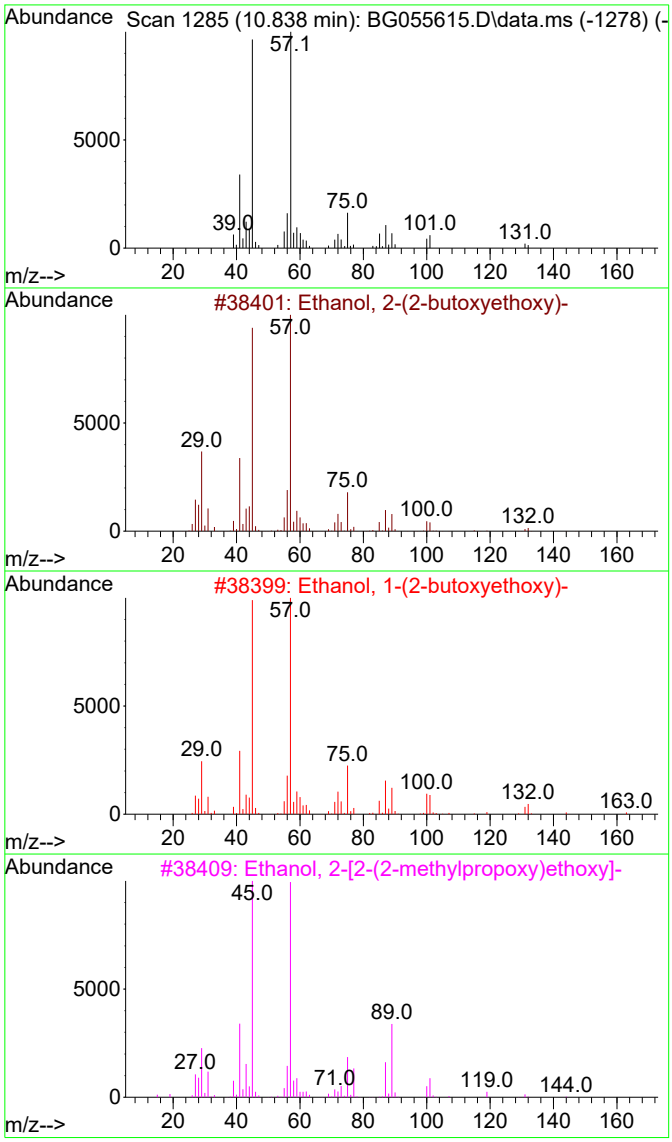
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

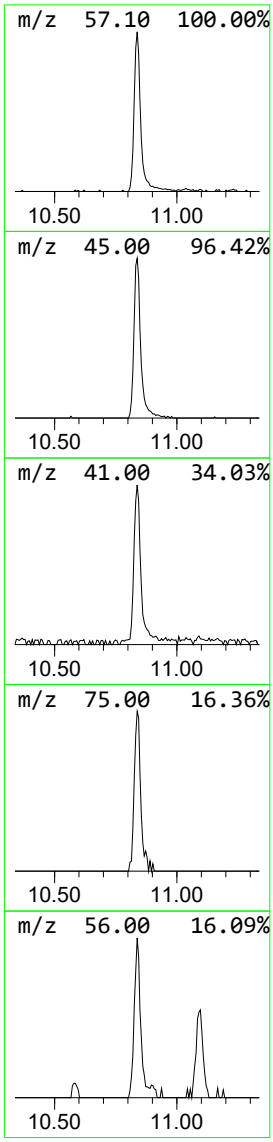
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.838	5.88 ng	156859	Naphthalene-d8	11.090

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	86
3	Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	56
4	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	53
5	Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111422\
Data File : BG055615.D
Acq On : 14 Nov 2022 22:11
Operator : CG/JU
Sample : N5561-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-05

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

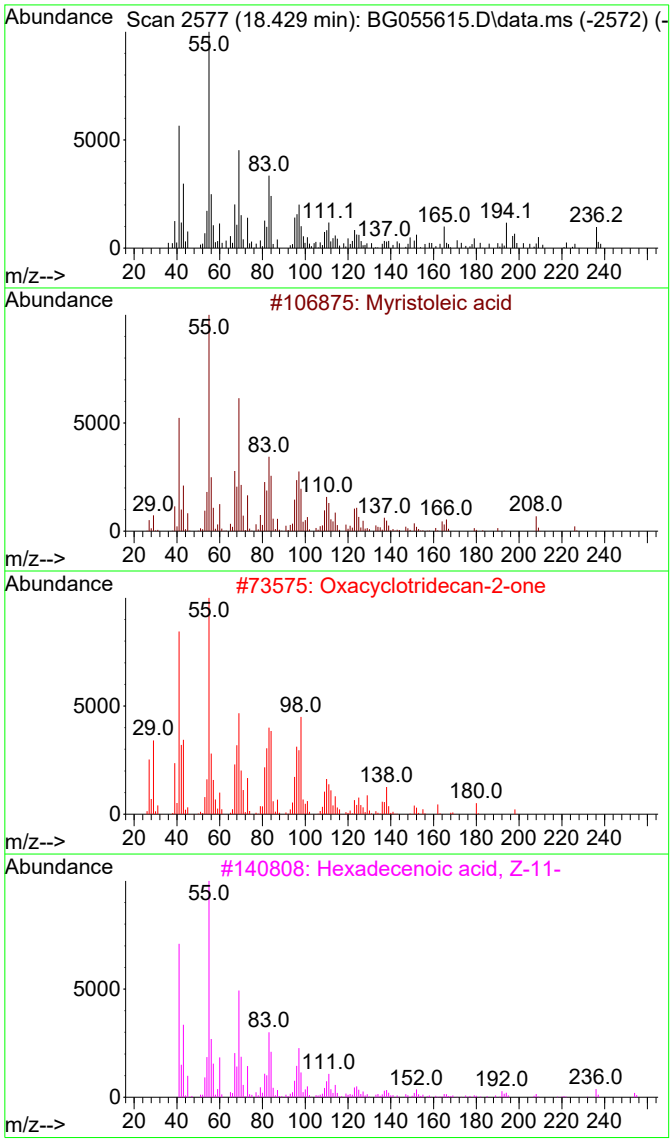
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

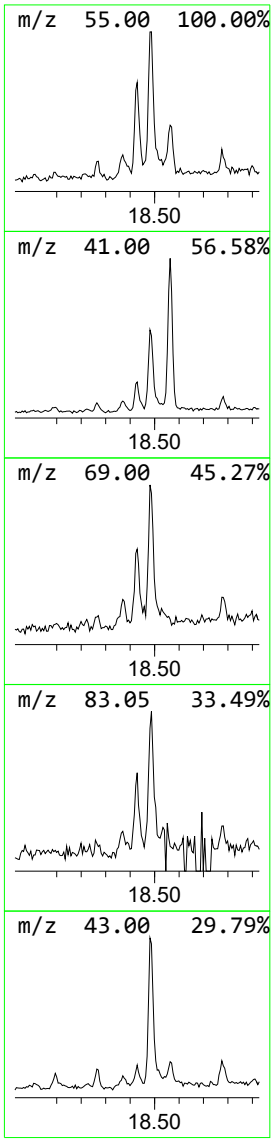
****

Peak Number 4 Myristoleic acid Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.429	2.44 ng	104121	Phenanthrene-d10	17.630

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Myristoleic acid	226	C14H26O2	000544-64-9	91
2	Oxacyclotridecan-2-one	198	C12H22O2	000947-05-7	78
3	Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	72
4	Methyl 12-oxo-9-dodecenoate	226	C13H22O3	022418-58-2	60
5	Palmitoleic acid	254	C16H30O2	000373-49-9	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111422\
Data File : BG055615.D
Acq On : 14 Nov 2022 22:11
Operator : CG/JU
Sample : N5561-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-05

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

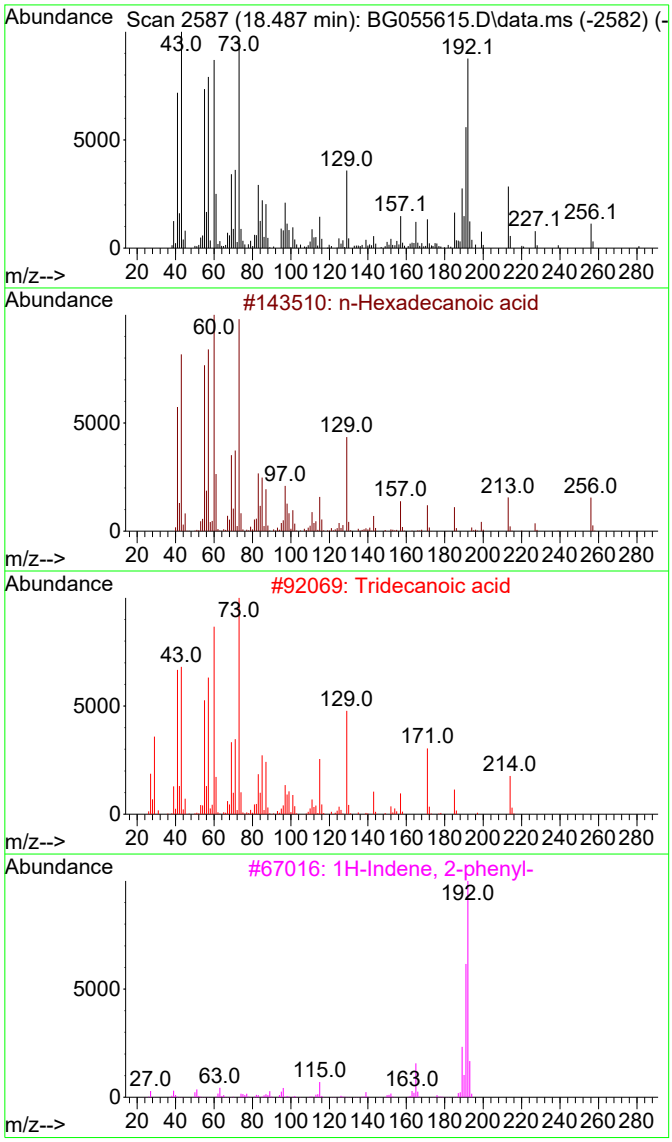
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

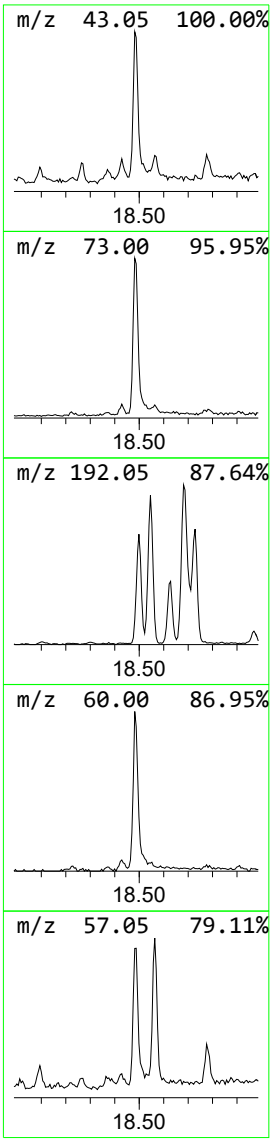
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.487	9.63 ng	411333	Phenanthrene-d10	17.630

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	89
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	70
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	51
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111422\
Data File : BG055615.D
Acq On : 14 Nov 2022 22:11
Operator : CG/JU
Sample : N5561-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-05

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

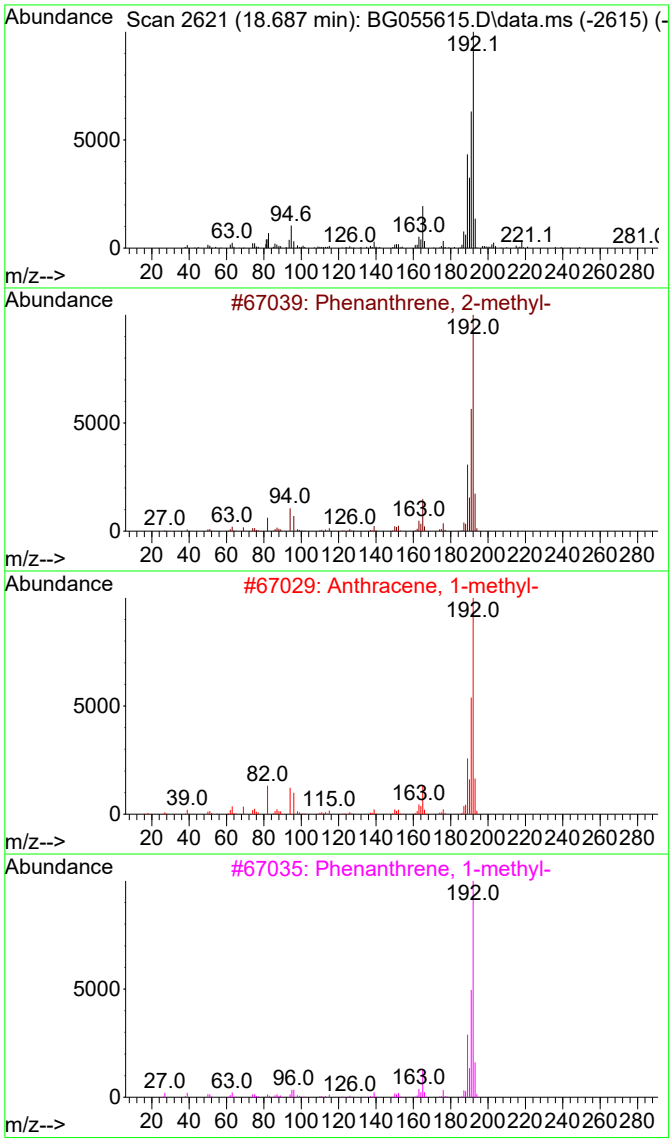
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

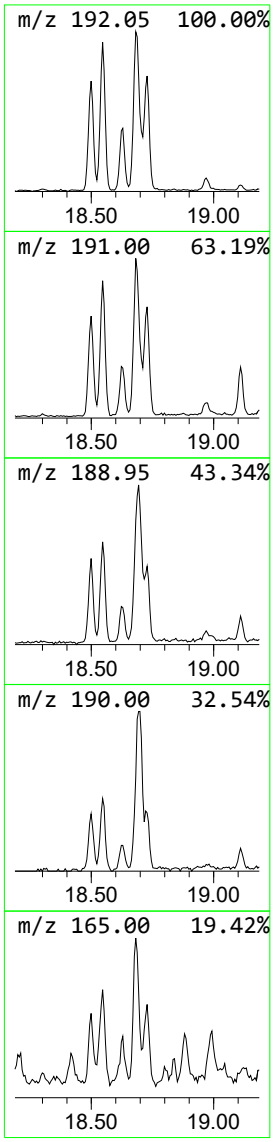
****

Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.687	6.33 ng	270525	Phenanthrene-d10	17.630

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	86
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	83
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	64
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	64
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111422\
Data File : BG055615.D
Acq On : 14 Nov 2022 22:11
Operator : CG/JU
Sample : N5561-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-05

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

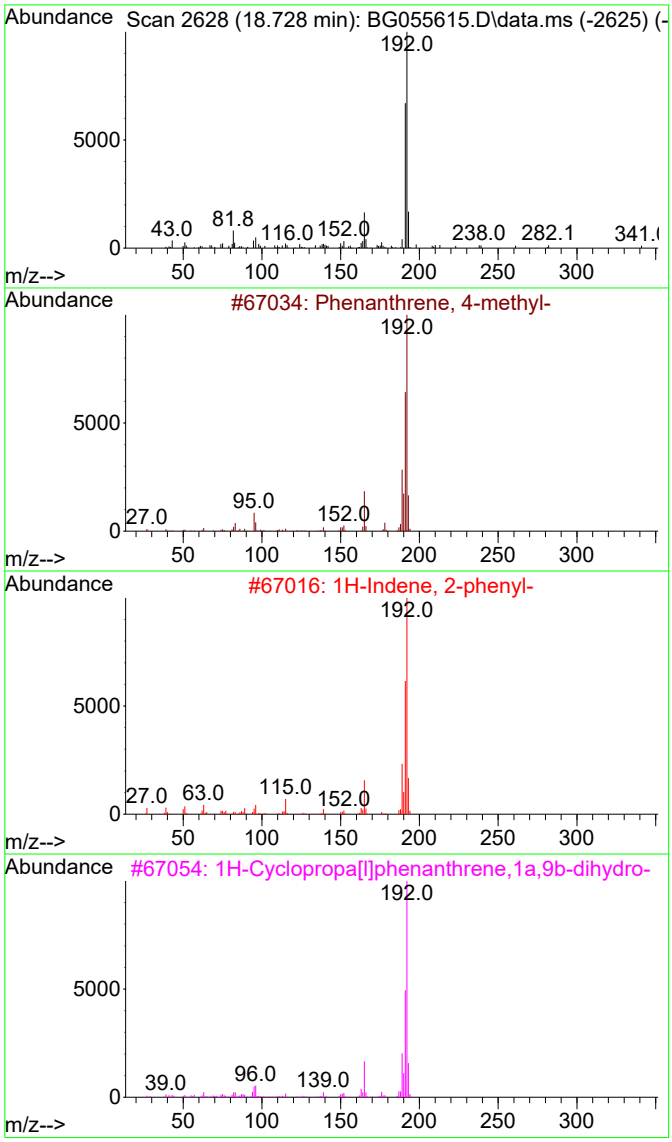
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

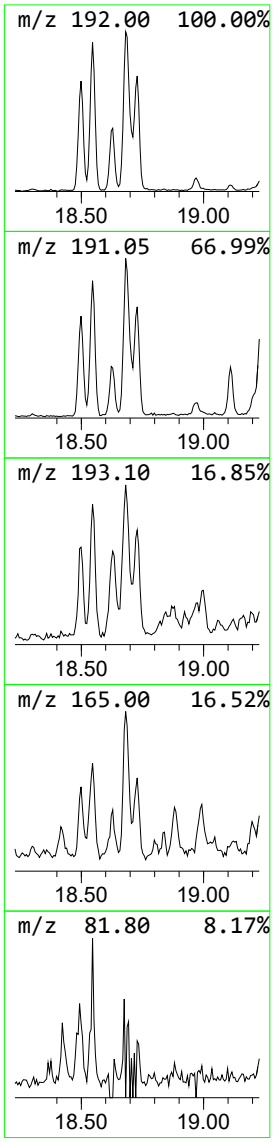
****

Peak Number 7 Phenanthrene, 4-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.728	2.90 ng	123892	Phenanthrene-d10	17.630

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	87
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	86
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	86





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Acq On : 14 Nov 2022 22:11
Operator : CG/JU
Sample : N5561-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-05

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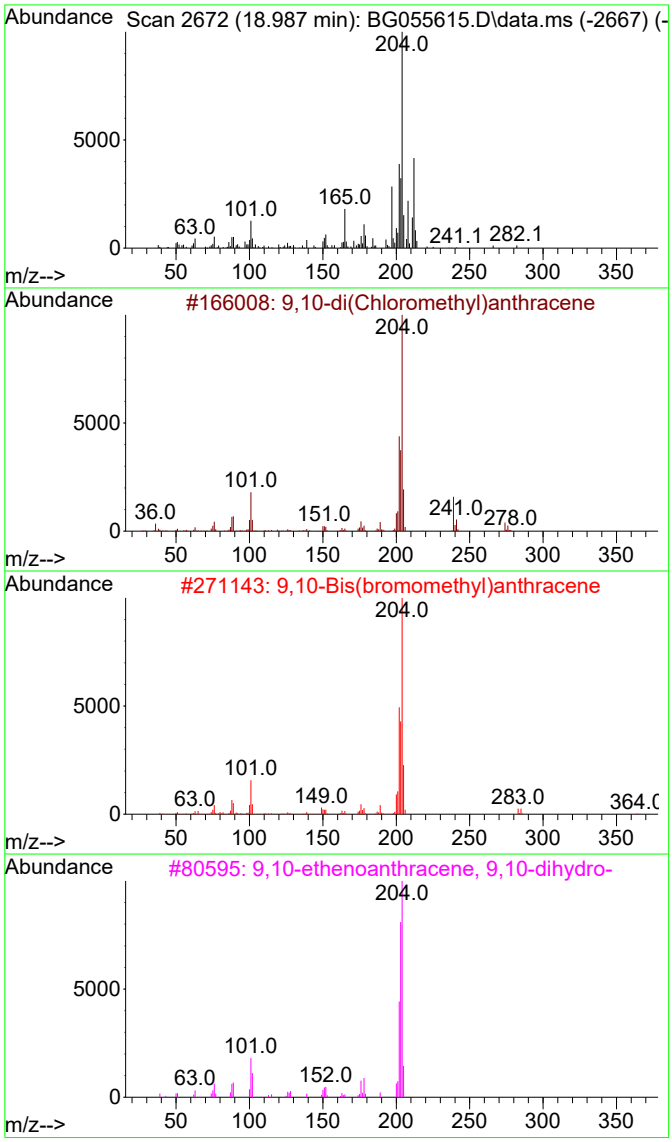
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

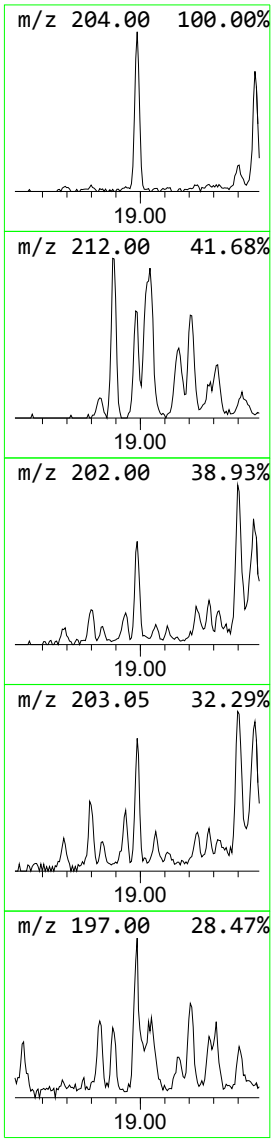
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 9,10-di(Chloromethyl)anthra... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.987	2.36 ng	100762	Phenanthrene-d10	17.630

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	53
2	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	53
3	9,10-ethenoanthracene, 9,10-dihy...	204	C16H12	1000400-47-8	51
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	49
5	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	49





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Operator : CG/JU
Sample : N5561-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-05

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

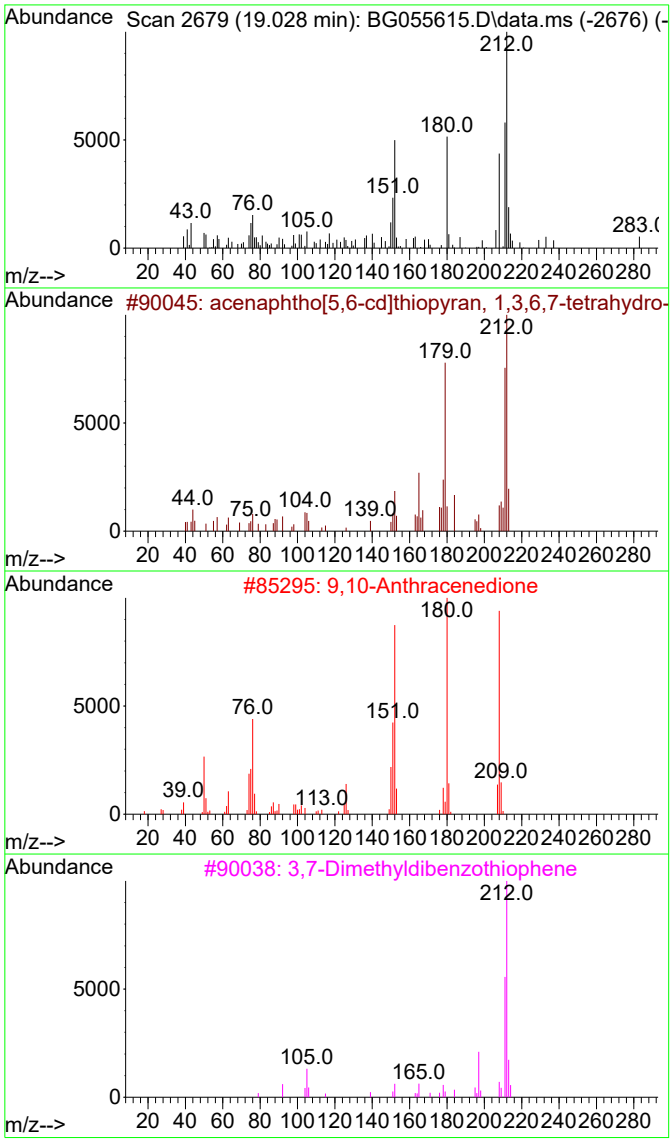
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

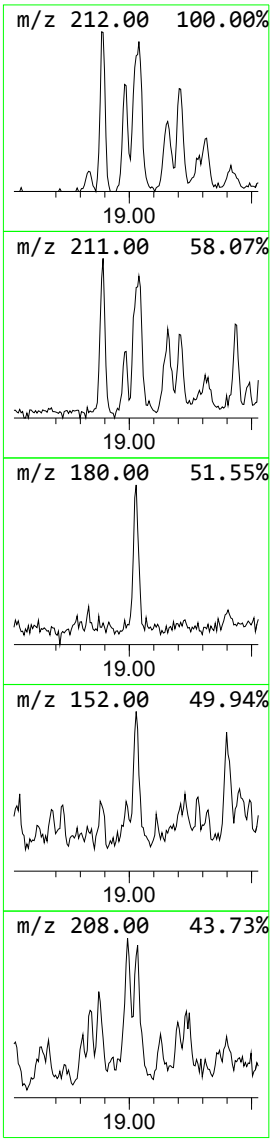
****

Peak Number 9 unknown19.028 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.028	2.38 ng	101547	Phenanthrene-d10	17.630

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	acenaphtho[5,6-cd]thiopyran, 1,3...	212	C14H12S	1000396-17-2	47
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	45
3	3,7-Dimethyldibenzothiophene	212	C14H12S	001136-85-2	38
4	2,7-Dimethyldibenzothiophene	212	C14H12S	031317-19-8	38
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	38





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Operator : CG/JU
Sample : N5561-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-05

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

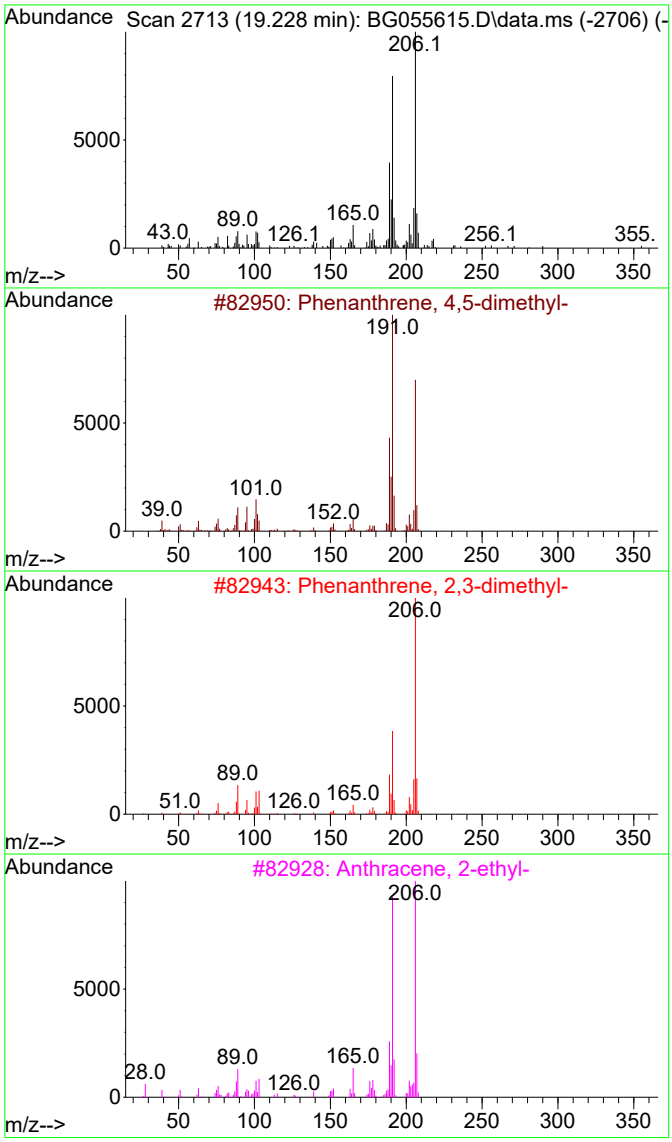
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

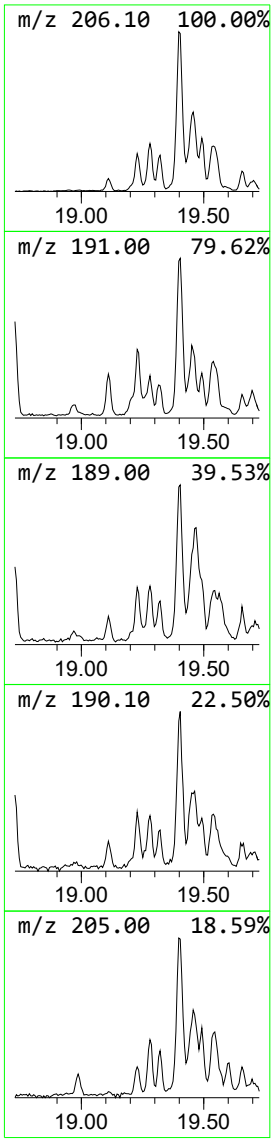
****

Peak Number 10 Phenanthrene, 4,5-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.228	2.99 ng	127491	Phenanthrene-d10	17.630

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	94
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	94
3	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	90
4	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	89
5	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	87





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Acq On : 14 Nov 2022 22:11
Operator : CG/JU
Sample : N5561-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-05

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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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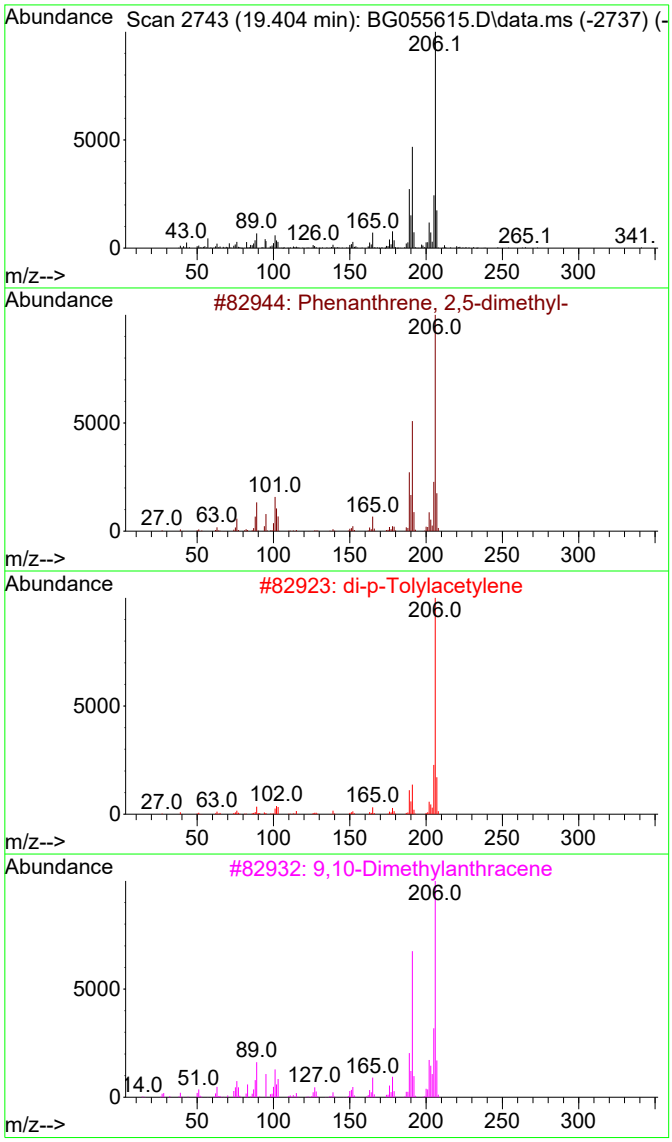
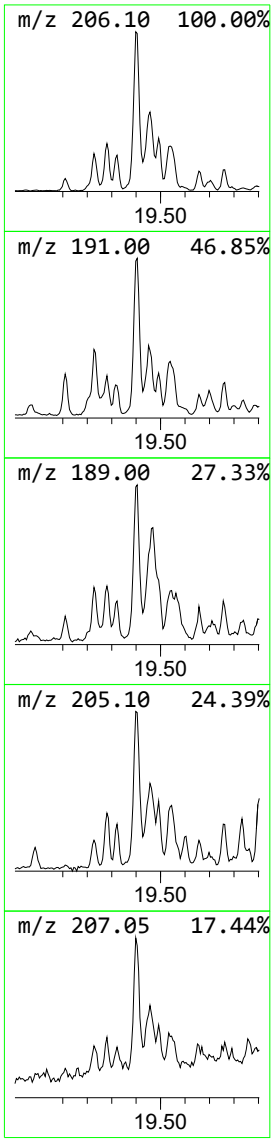
Peak Number 11 Phenanthrene, 2,5-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.404	10.24 ng	437168	Phenanthrene-d10	17.630

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	90
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90





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Acq On : 14 Nov 2022 22:11
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Sample : N5561-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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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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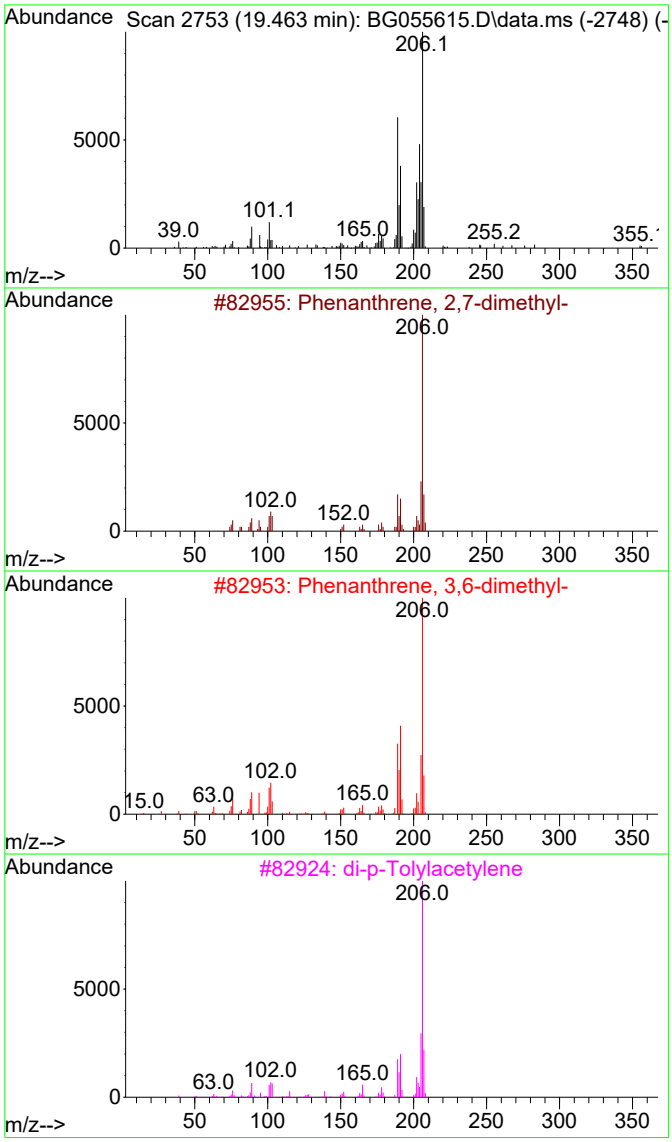
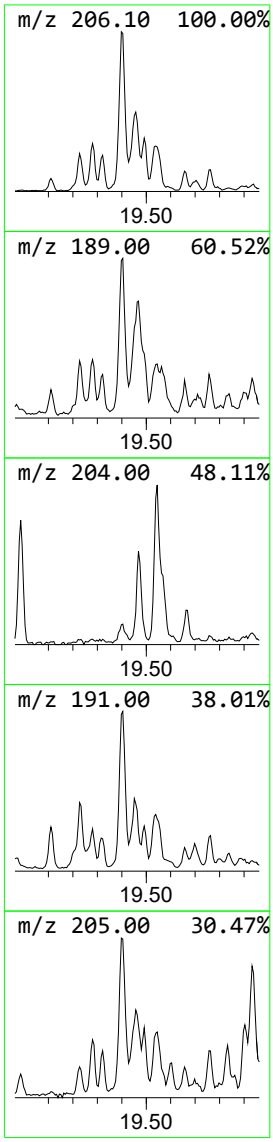
Peak Number 12 Phenanthrene, 2,7-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.463	2.54 ng	108404	Phenanthrene-d10	17.630

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	70
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	53
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	50
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	49
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	49





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Acq On : 14 Nov 2022 22:11
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Sample : N5561-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-05

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

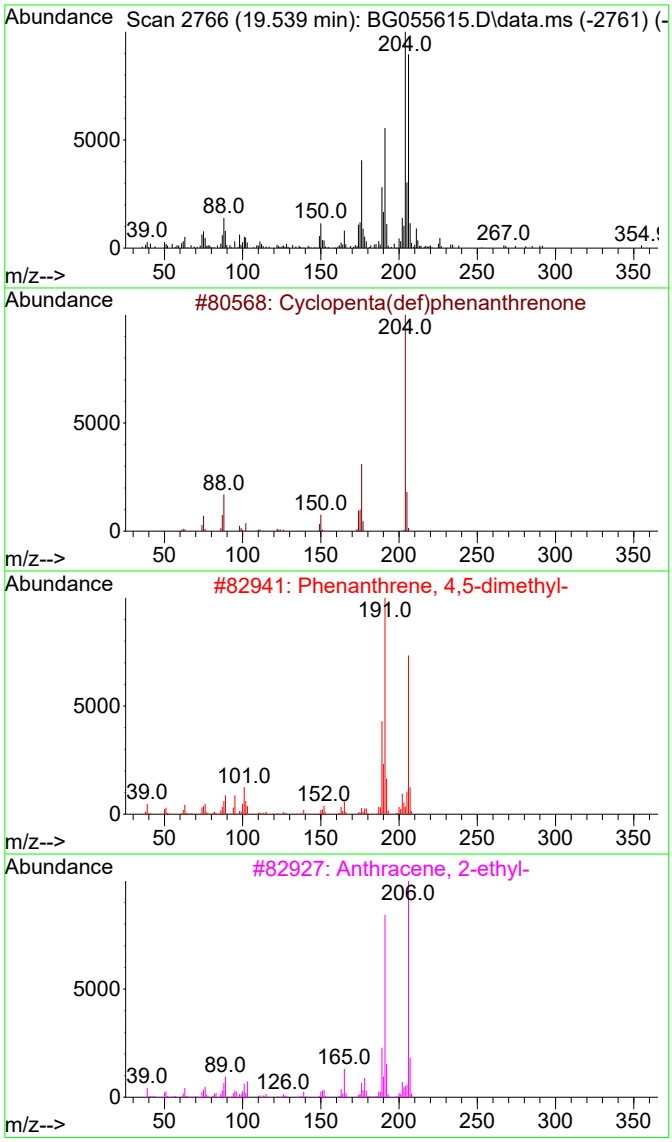
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

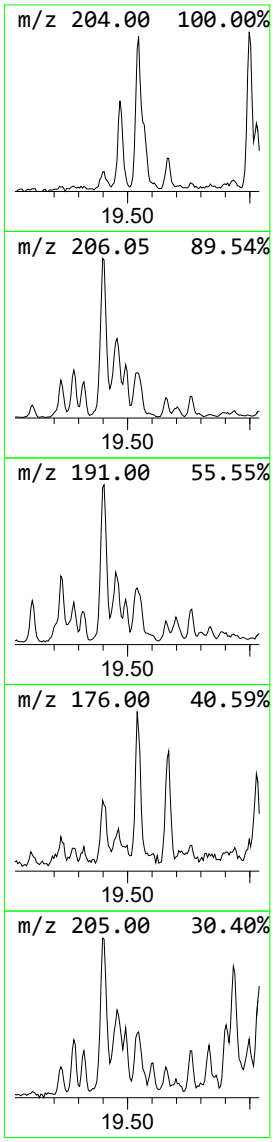
****

Peak Number 13 Cyclopenta(def)phenanthrenone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.539	5.30 ng	226214	Phenanthrene-d10	17.630

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	81
2	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	50
3	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	50
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	50
5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	50





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Acq On : 14 Nov 2022 22:11
Operator : CG/JU
Sample : N5561-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

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

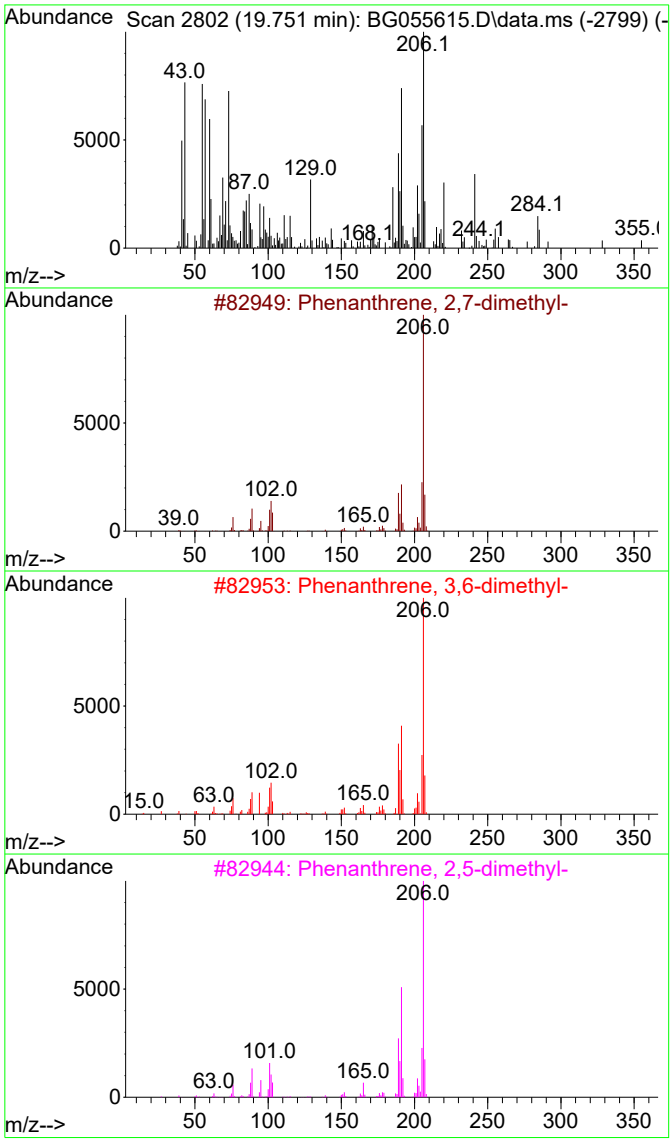
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

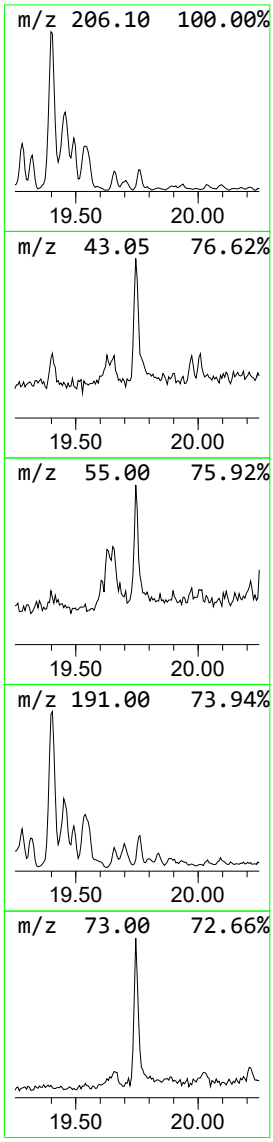
****

Peak Number 14 Phenanthrene, 3,6-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.751	4.20 ng	179440	Phenanthrene-d10	17.630

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	83
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	64
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	60
4	[14]Annulene, 1,6:7,12-bis(metha...	206	C16H14	085440-62-6	60
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	53





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Operator : CG/JU
Sample : N5561-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-05

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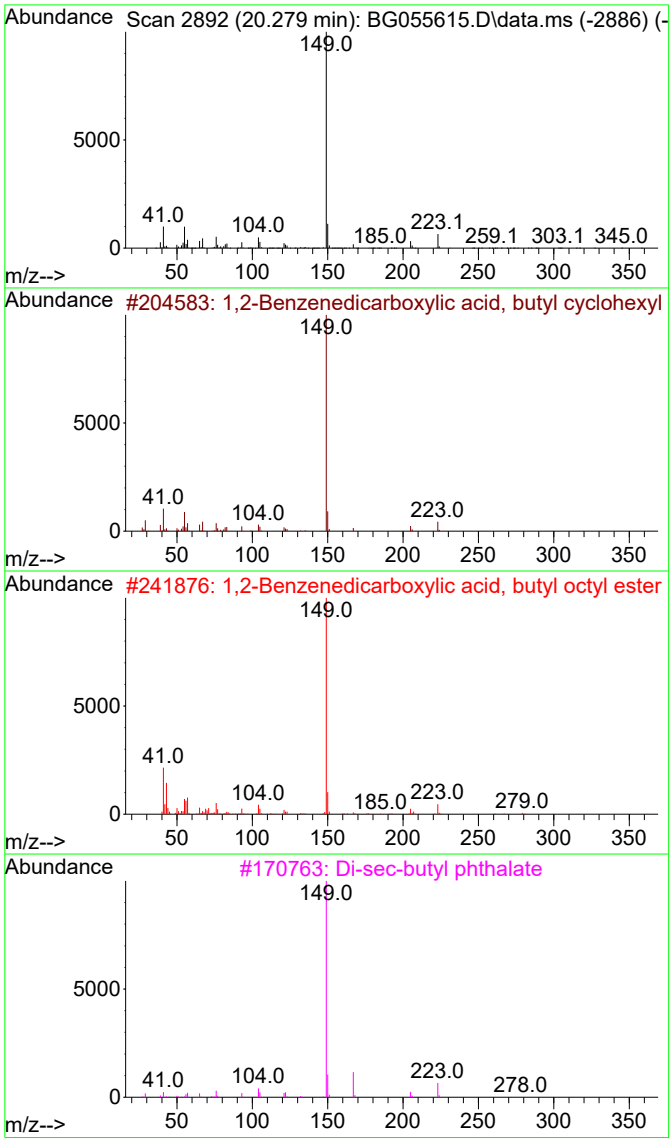
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

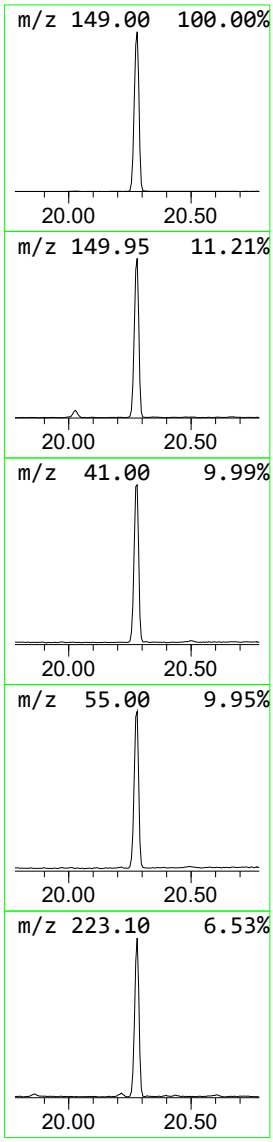
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 1,2-Benzenedicarboxylic aci... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.279	21.90 ng	3792390	Chrysene-d12	21.930

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Benzenedicarboxylic acid, bu...	304	C18H24O4	000084-64-0	91
2	1,2-Benzenedicarboxylic acid, bu...	334	C20H30O4	000084-78-6	90
3	Di-sec-butyl phthalate	278	C16H22O4	1000373-65-4	90
4	Phthalic acid, 7-bromoheptyl but...	398	C19H27BrO4	1000415-51-8	90
5	Dibutyl phthalate	278	C16H22O4	000084-74-2	90





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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-05

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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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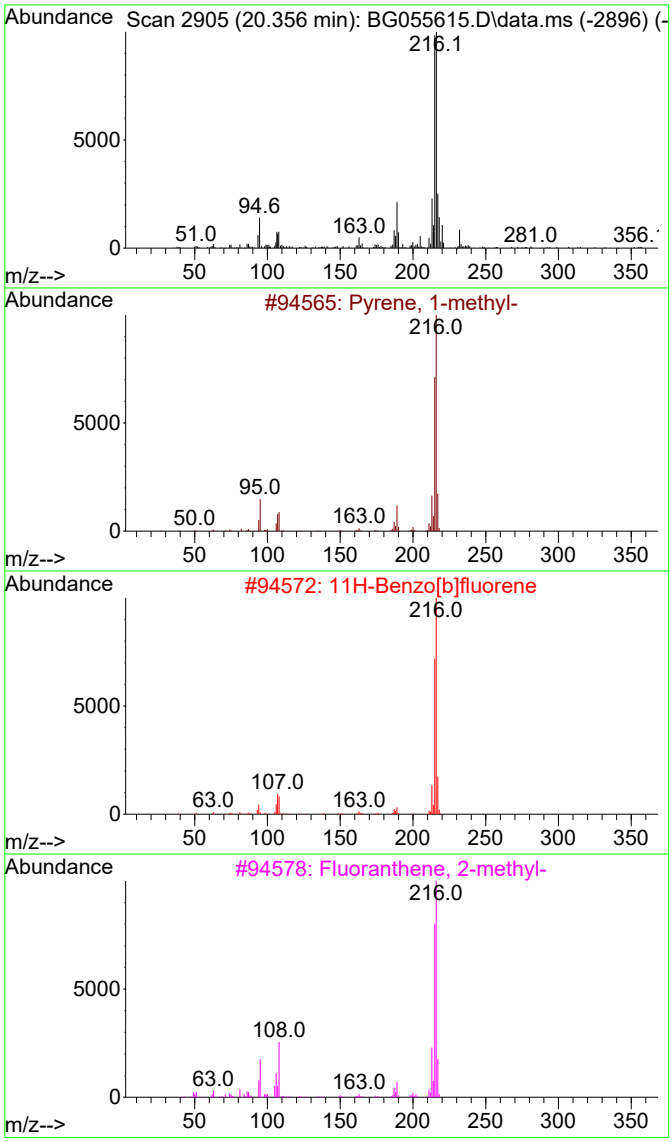
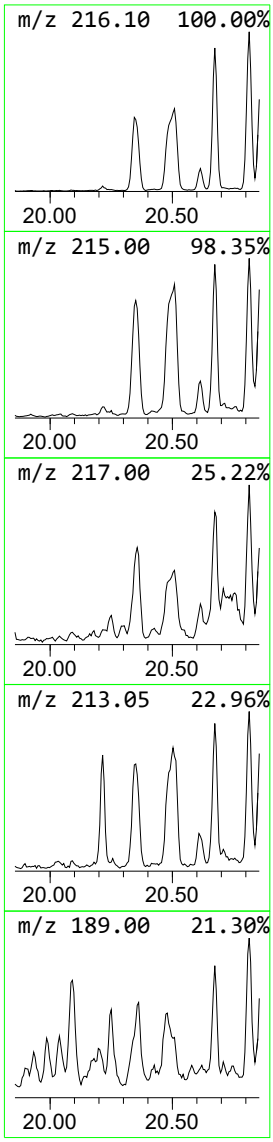
Peak Number 16 Pyrene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.356	2.55 ng	441244	Chrysene-d12	21.930

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	81
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	70
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	64
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	55





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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-05

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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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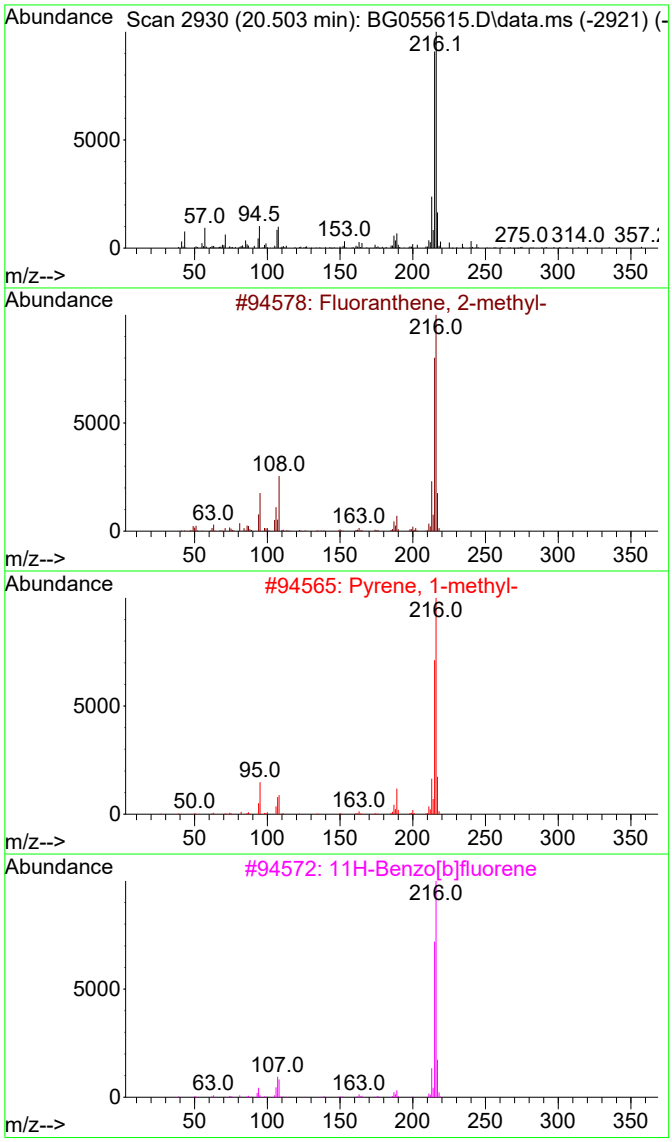
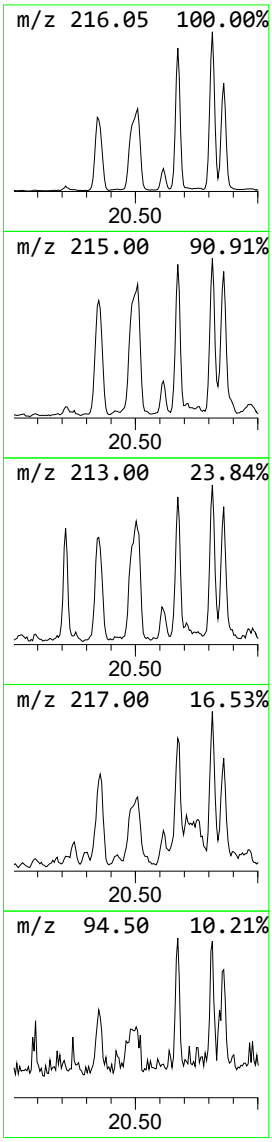
Peak Number 17 Fluoranthene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.503	2.75 ng	476508	Chrysene-d12	21.930

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74





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Sample : N5561-05
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ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-05

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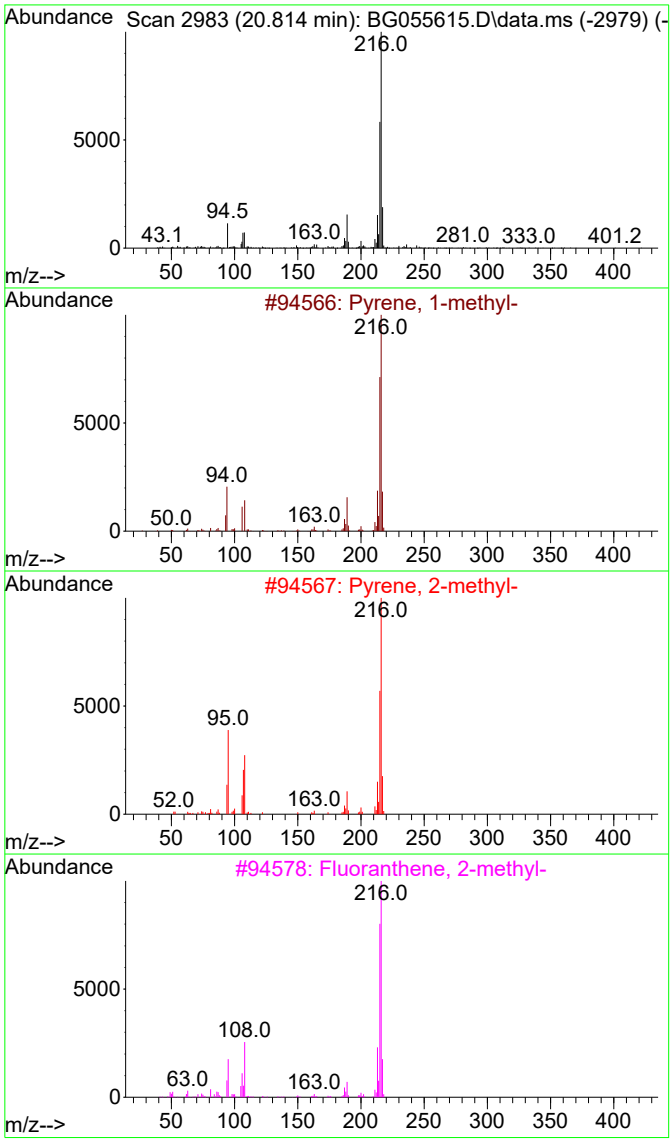
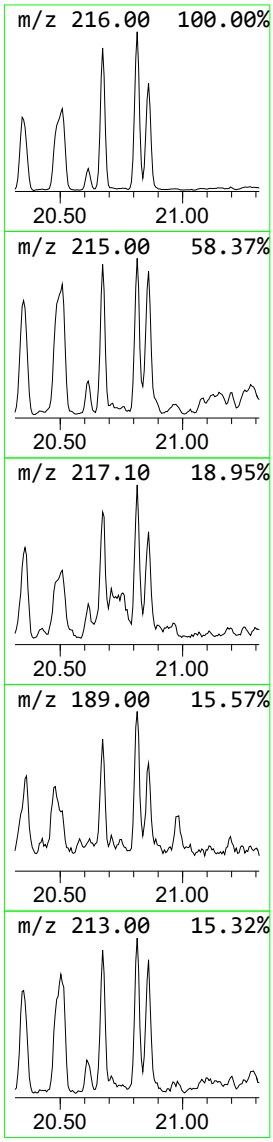
Peak Number 18 Pyrene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.814	2.28 ng	395287	Chrysene-d12	21.930

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	95
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	80





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Data File : BG055615.D
Acq On : 14 Nov 2022 22:11
Operator : CG/JU
Sample : N5561-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-05

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110922.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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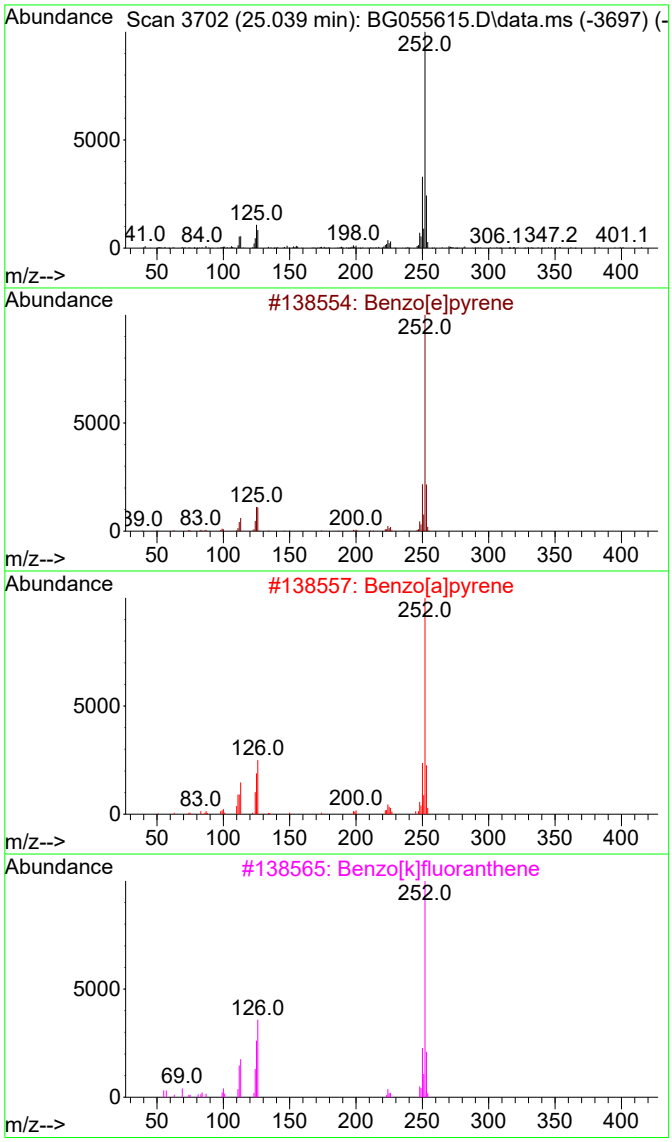
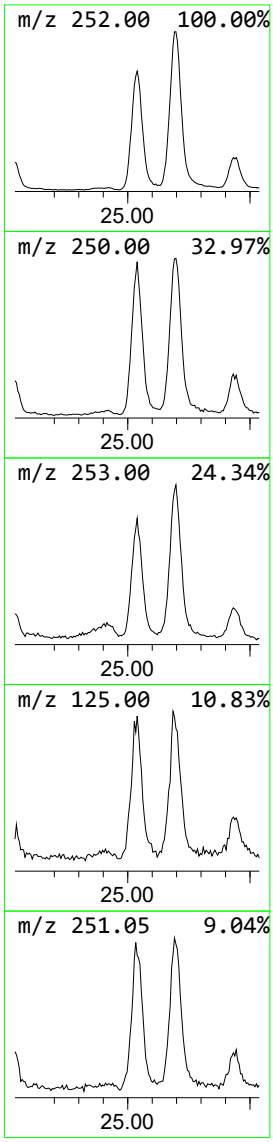
Peak Number 19 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.038	19.15 ng	556724	Perylene-d12	25.356

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Benzo[a]pyrene	252	C20H12	000050-32-8	95
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	91
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	91
5	Perylene	252	C20H12	000198-55-0	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111422\
Data File : BG055615.D
Acq On : 14 Nov 2022 22:11
Operator : CG/JU
Sample : N5561-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-05

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110922.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...	3.323	20.2	ng	368033	1	8.264	364602	20.0
2-Pentanone, 4-...	5.320	13.1	ng	239481	1	8.264	364602	20.0
Ethanol, 2-(2-b...	10.838	5.9	ng	156859	2	11.090	533803	20.0
Myristoleic acid	18.429	2.4	ng	104121	4	17.630	854175	20.0
n-Hexadecanoic ...	18.487	9.6	ng	411333	4	17.630	854175	20.0
Phenanthrene, 2...	18.687	6.3	ng	270525	4	17.630	854175	20.0
Phenanthrene, 4...	18.728	2.9	ng	123892	4	17.630	854175	20.0
9,10-di(Chlorom...	18.987	2.4	ng	100762	4	17.630	854175	20.0
unknown19.028	19.028	2.4	ng	101547	4	17.630	854175	20.0
Phenanthrene, 4...	19.228	3.0	ng	127491	4	17.630	854175	20.0
Phenanthrene, 2...	19.404	10.2	ng	437168	4	17.630	854175	20.0
Phenanthrene, 2...	19.463	2.5	ng	108404	4	17.630	854175	20.0
Cyclopenta(def)...	19.539	5.3	ng	226214	4	17.630	854175	20.0
Phenanthrene, 3...	19.751	4.2	ng	179440	4	17.630	854175	20.0
1,2-Benzenedica...	20.279	21.9	ng	3792390	5	21.930	3463670	20.0
Pyrene, 1-methyl-	20.356	2.5	ng	441244	5	21.930	3463670	20.0
Fluoranthene, 2...	20.503	2.8	ng	476508	5	21.930	3463670	20.0
Pyrene, 2-methyl-	20.814	2.3	ng	395287	5	21.930	3463670	20.0
Benzo[e]pyrene	25.038	19.1	ng	556724	6	25.356	581419	20.0