LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111122\
Data File : BG055575.D
Acq On : 11 Nov 2022 20:52
Operator : CG/JU
Sample : N5531-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-30

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: BG055575.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.325	3	6	12	rBV	250372	386718	9.37%	1.249%
2	3.372	12	14	21	rVB2	36823	50799	1.23%	0.164%
3	4.712	235	242	249	rBV	39412	61232	1.48%	0.198%
4	5.328	340	347	357	rBV	379482	596609	14.45%	1.927%
5	5.799	420	427	437	rBV	1287602	2066646	50.05%	6.676%
6	7.408	692	701	712	rBV	1243174	2184978	52.91%	7.058%
7	8.272	839	848	854	rBV	202213	346981	8.40%	1.121%
8	9.441	1037	1047	1055	rBV	758227	1327235	32.14%	4.287%
9	10.846	1278	1286	1294	rBV	51714	84148	2.04%	0.272%
10	11.098	1321	1329	1339	rBV	277752	494275	11.97%	1.597%
11	13.513	1732	1740	1750	rBV	1803466	2922336	70.77%	9.440%
12	14.888	1967	1974	1981	rBV	456256	702997	17.02%	2.271%
13	16.368	2218	2226	2235	rBV	1725563	2601464	63.00%	8.404%
14	17.626	2434	2440	2445	rBV	589047	900951	21.82%	2.910%
15	17.667	2445	2447	2454	rVB	60088	82599	2.00%	0.267%
16	18.425	2572	2576	2581	rVV4	26387	47363	1.15%	0.153%
17	18.490	2582	2587	2592	rVV2	217576	356534	8.63%	1.152%
18	18.542	2592	2596	2603	rVV	107351	181886	4.40%	0.588%
19	18.625	2603	2610	2615	rVV3	31309	70332	1.70%	0.227%
20	18.683	2615	2620	2625	rVV3	142838	303092	7.34%	0.979%
21	18.725	2625	2627	2632	rVB	87930	112889	2.73%	0.365%
22	18.883	2650	2654	2660	rBV3	30846	50248	1.22%	0.162%
23	18.989	2667	2672	2675	rBV2	63446	92553	2.24%	0.299%
24	19.024	2675	2678	2688	rVB5	34524	86512	2.10%	0.279%
25	19.112	2688	2693	2697	rBV	32835	53735	1.30%	0.174%
26	19.230	2704	2713	2718	rBV2	67727	144532	3.50%	0.467%
27	19.283	2718	2722	2725	rVV	46049	66816	1.62%	0.216%
28	19.400	2737	2742	2747	rBV	199355	335686	8.13%	1.084%
29	19.453	2747	2751	2756	rBV4	60941	125968	3.05%	0.407%
30	19.541	2761	2766	2772	rBV2	78970	203233	4.92%	0.657%
31	19.665	2781	2787	2792	rVB	388190	567334	13.74%	1.833%
32	19.718	2792	2796	2798	rBV2	41322	58458	1.42%	0.189%
33	19.753	2798	2802	2809	rVB3	108339	172111	4.17%	0.556%
34	19.900	2823	2827	2830	rBV4	36721	55630	1.35%	0.180%
35	19.935	2830	2833	2837	rVB2	40806	53720	1.30%	0.174%
36	20.023	2838	2848	2855	rVV	652997	1103055	26.71%	3.563%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111122\
Data File : BG055575.D
Acq On : 11 Nov 2022 20:52
Operator : CG/JU
Sample : N5531-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-30

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	20.094	2855	2860	2865	rVB2	89397	141453	3.43%	0.457%
38	20.217	2875	2881	2886	rBV	3168999	4129373	100.00%	13.339%
39	20.352	2896	2904	2912	rBV5	117849	306554	7.42%	0.990%
40	20.505	2920	2930	2935	rVB	159798	419786	10.17%	1.356%
41	20.611	2940	2948	2952	rBV2	98400	185987	4.50%	0.601%
42	20.669	2953	2958	2962	rVV	179410	258913	6.27%	0.836%
43	20.705	2962	2964	2969	rVB	39223	46129	1.12%	0.149%
44	20.810	2978	2982	2986	rBV	192408	259986	6.30%	0.840%
45	20.857	2986	2990	2993	rVV	119592	151066	3.66%	0.488%
46	21.286	3060	3063	3070	rVB	90616	171256	4.15%	0.553%
47	21.457	3088	3092	3094	rBV2	43055	68124	1.65%	0.220%
48	21.486	3094	3097	3100	rVV2	68334	100550	2.43%	0.325%
49	21.527	3100	3104	3109	rVB2	158138	235892	5.71%	0.762%
50	21.921	3162	3171	3176	rBV2	621150	1565274	37.91%	5.056%
51	21.974	3176	3180	3188	rVB	338645	603704	14.62%	1.950%
52	22.696	3299	3303	3309	rVB2	115593	191525	4.64%	0.619%
53	22.767	3310	3315	3322	rVB2	107613	210971	5.11%	0.682%
54	22.984	3348	3352	3356	rVB2	39178	61754	1.50%	0.199%
55	24.247	3559	3567	3576	rBV2	167556	580799	14.07%	1.876%
56	25.023	3692	3699	3707	rVB2	142790	379768	9.20%	1.227%
57	25.176	3718	3725	3736	rVB	180131	520062	12.59%	1.680%
58	25.346	3744	3754	3763	rBV3	320785	989943	23.97%	3.198%
59	30.493	4623	4630	4646	rVB2	74412	325954	7.89%	1.053%

Sum of corrected areas: 30956478

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Operator : CG/JU
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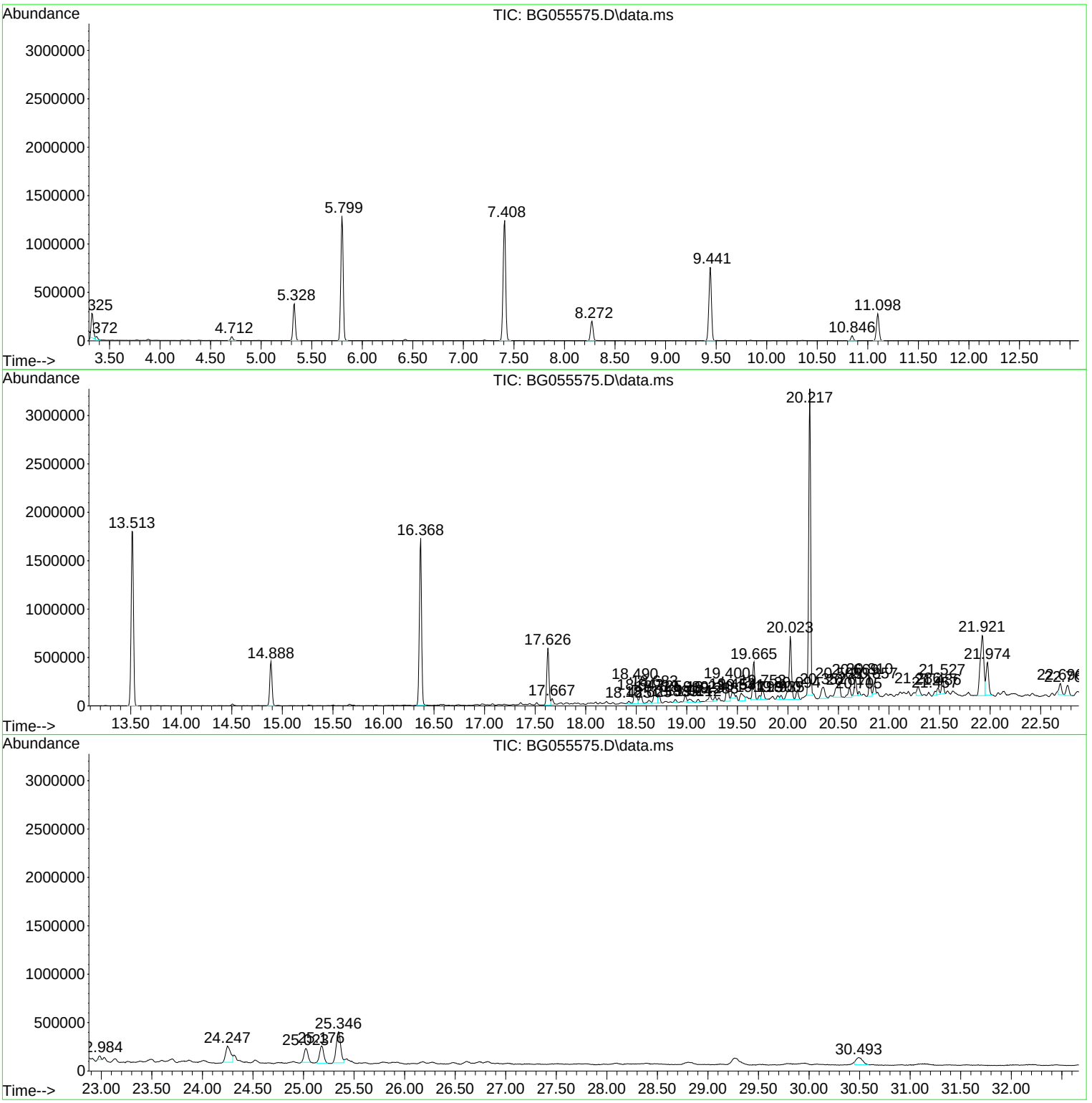
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-30

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\BG111122\
Data File : BG055575.D
Acq On : 11 Nov 2022 20:52
Operator : CG/JU
Sample : N5531-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

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

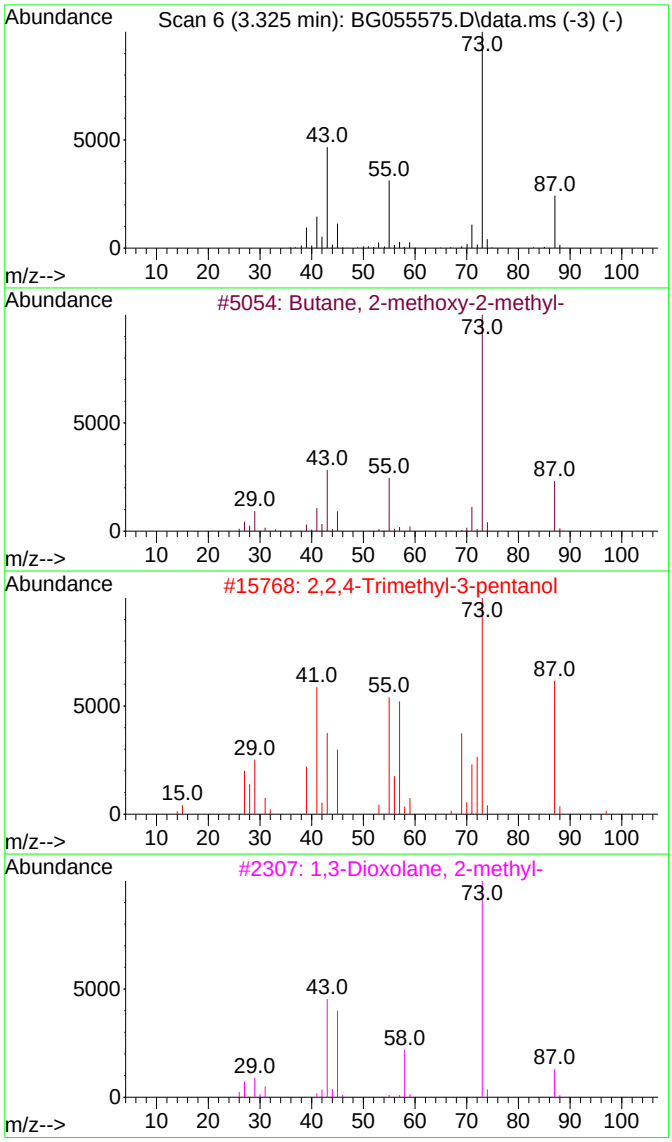
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

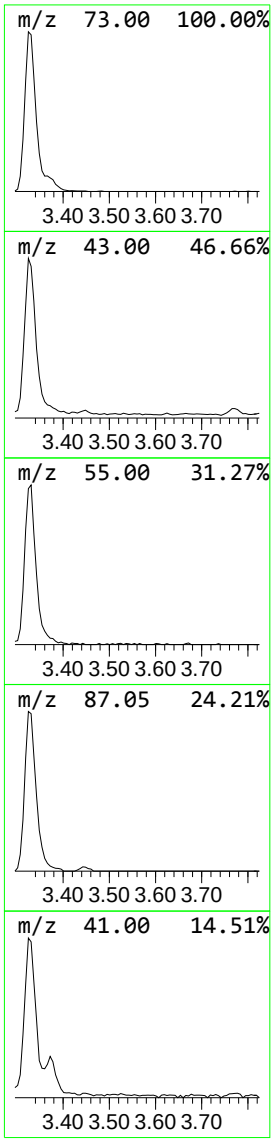
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.325	22.29 ng	386718	1,4-Dichlorobenzene-d4	8.272

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	40
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	32
4	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	25
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111122\
Data File : BG055575.D
Acq On : 11 Nov 2022 20:52
Operator : CG/JU
Sample : N5531-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-30

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

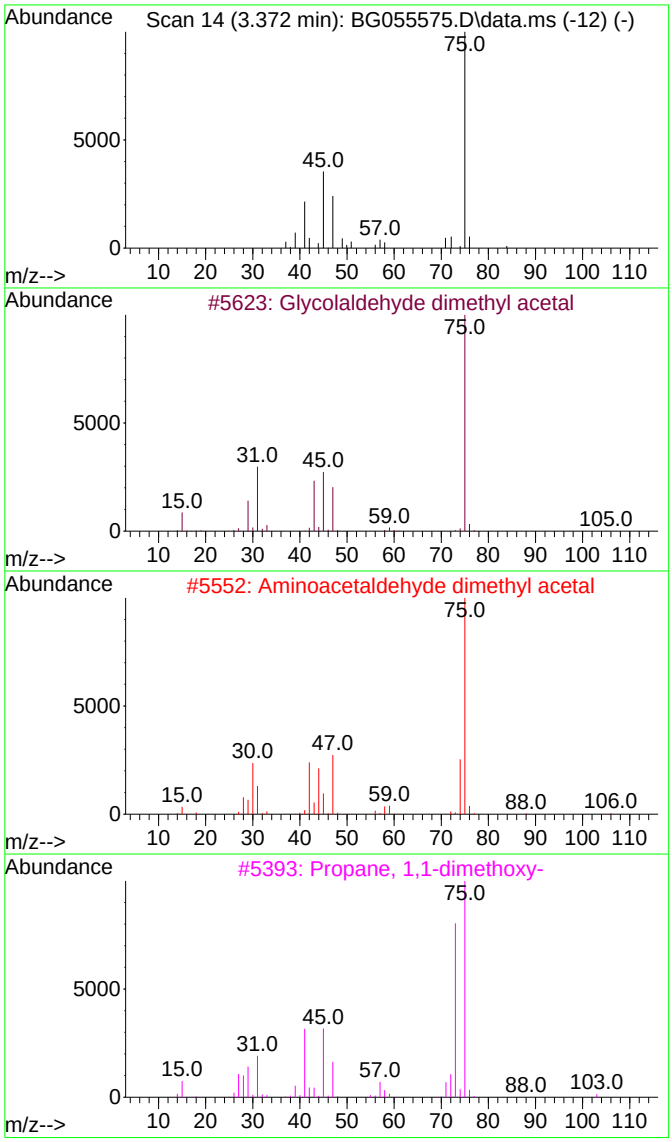
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

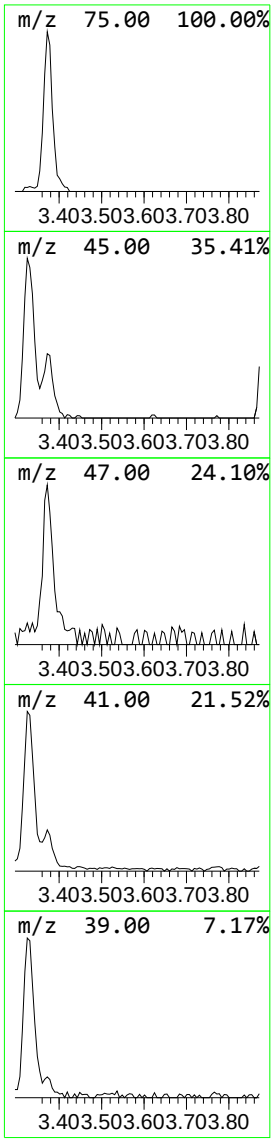
****

Peak Number 2 unknown3.372 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.372	2.93 ng	50799	1,4-Dichlorobenzene-d4	8.272

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Glycolaldehyde dimethyl acetal	106	C4H10O3	030934-97-5	39
2	Aminoacetaldehyde dimethyl acetal	105	C4H11NO2	022483-09-6	9
3	Propane, 1,1-dimethoxy-	104	C5H12O2	004744-10-9	9
4	Silanol, trimethyl-	90	C3H10OSi	001066-40-6	4
5	Ethanethioamide	75	C2H5NS	000062-55-5	4





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111122\
Data File : BG055575.D
Acq On : 11 Nov 2022 20:52
Operator : CG/JU
Sample : N5531-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-30

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

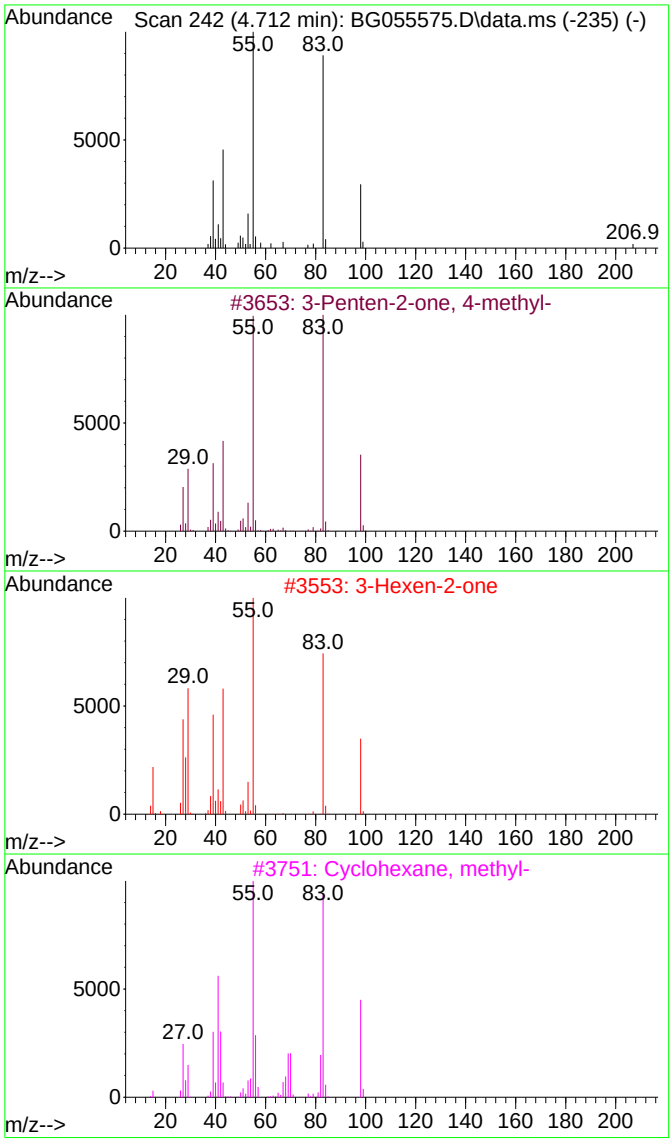
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

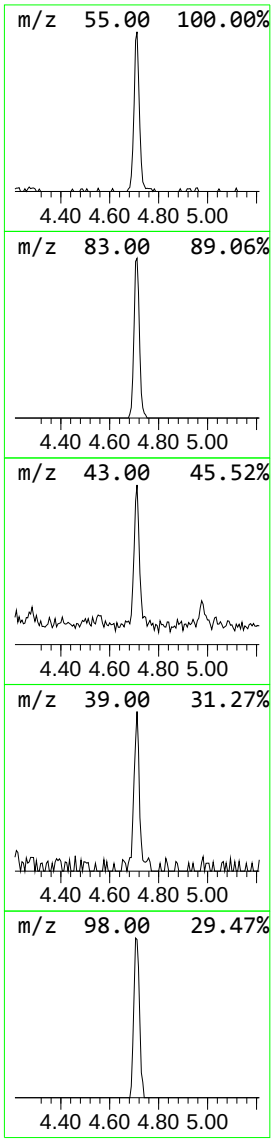
****

Peak Number 3 3-Penten-2-one, 4-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.712	3.53 ng	61232	1,4-Dichlorobenzene-d4	8.272

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	94
2	3-Hexen-2-one	98	C6H10O	000763-93-9	91
3	Cyclohexane, methyl-	98	C7H14	000108-87-2	80
4	Furan, 2,5-dihydro-2,5-dimethyl-	98	C6H10O	059242-27-2	80
5	2-Pentene, 4,4-dimethyl-, (Z)-	98	C7H14	000762-63-0	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111122\
Data File : BG055575.D
Acq On : 11 Nov 2022 20:52
Operator : CG/JU
Sample : N5531-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-30

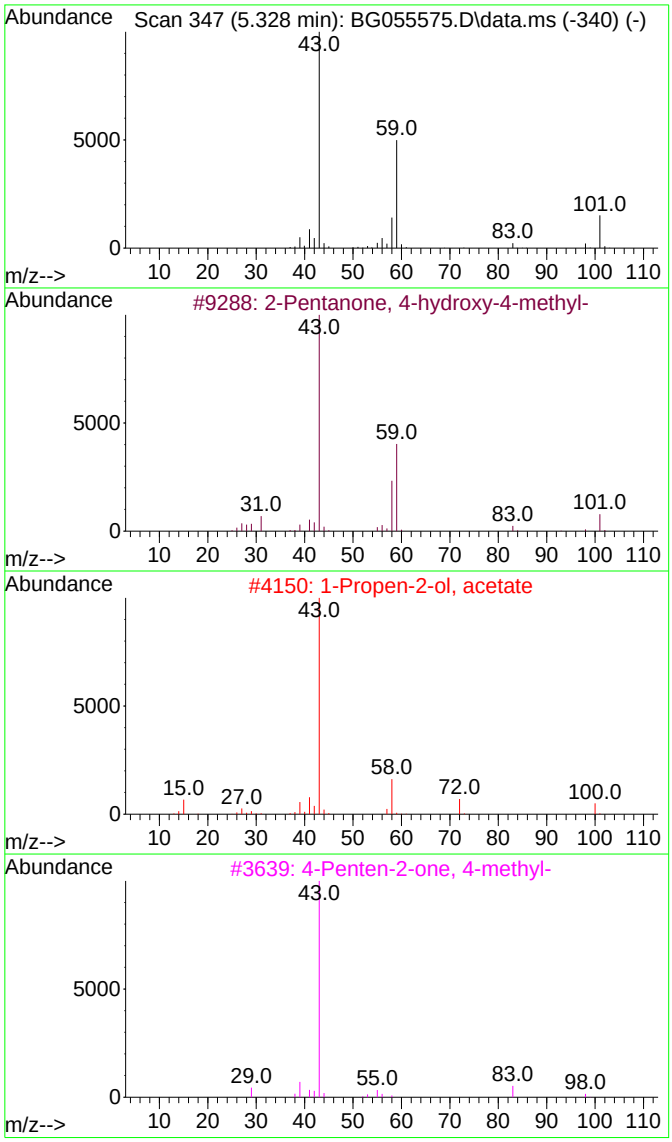
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

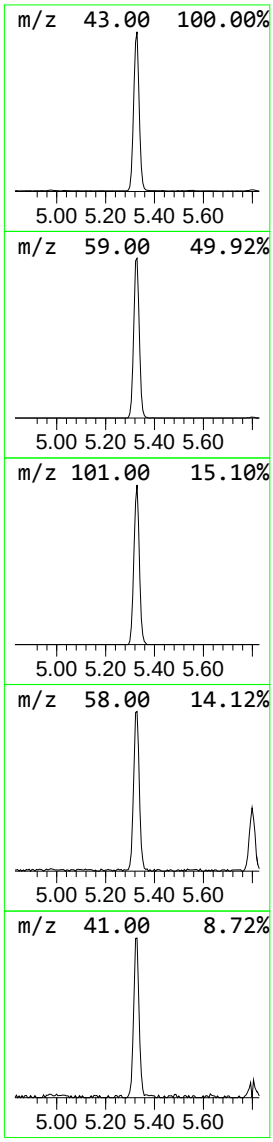
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.328	34.39 ng	596609	1,4-Dichlorobenzene-d4	8.272

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
3	4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	9
4	2-Propanone, 1-(1-methylethoxy)-	116	C6H12O2	042781-12-4	9
5	Formamide, N,N-diethyl-	101	C5H11NO	000617-84-5	7





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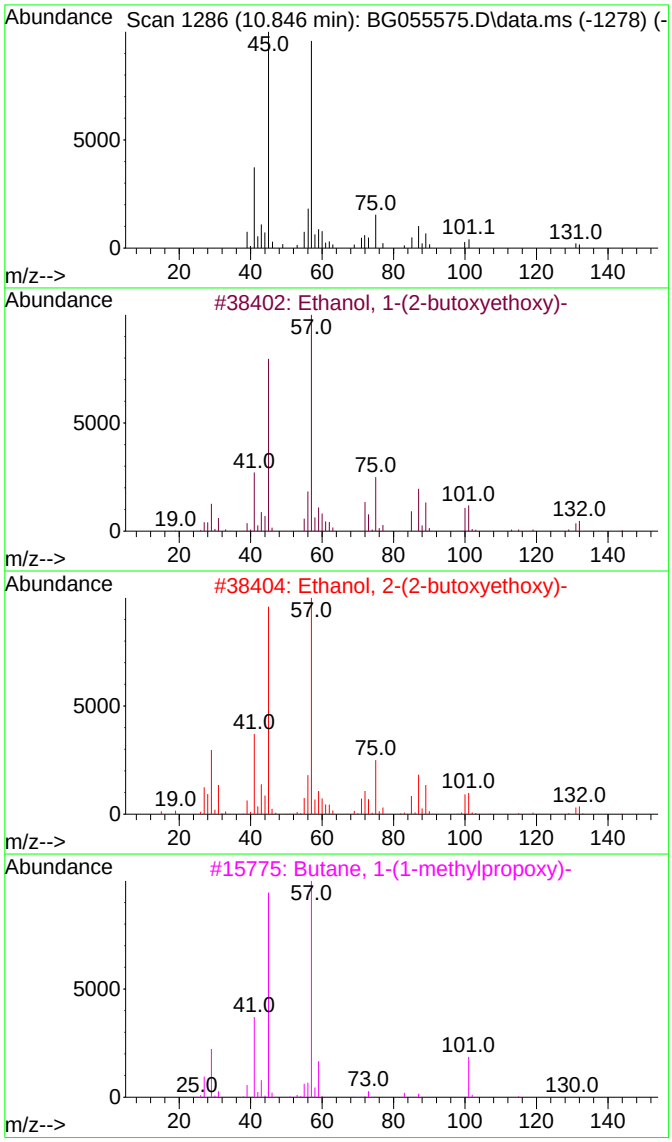
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

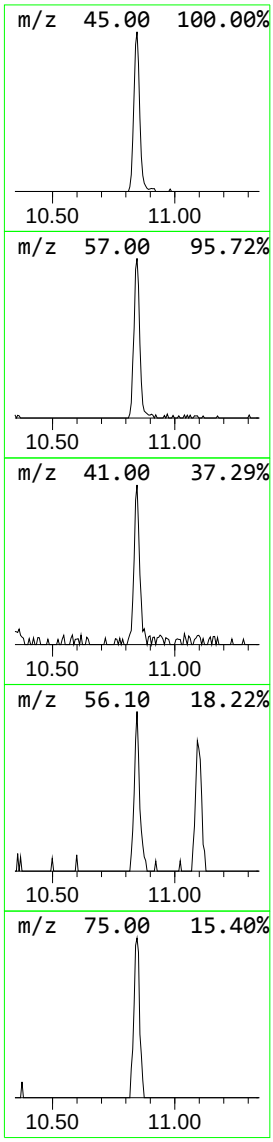
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Ethanol, 1-(2-butoxyethoxy)- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.846	3.40 ng	84148	Naphthalene-d8	11.098

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	83
2	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	83
3	Butane, 1-(1-methylpropoxy)-	130	C8H18O	000999-65-5	53
4	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	53
5	Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	50





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

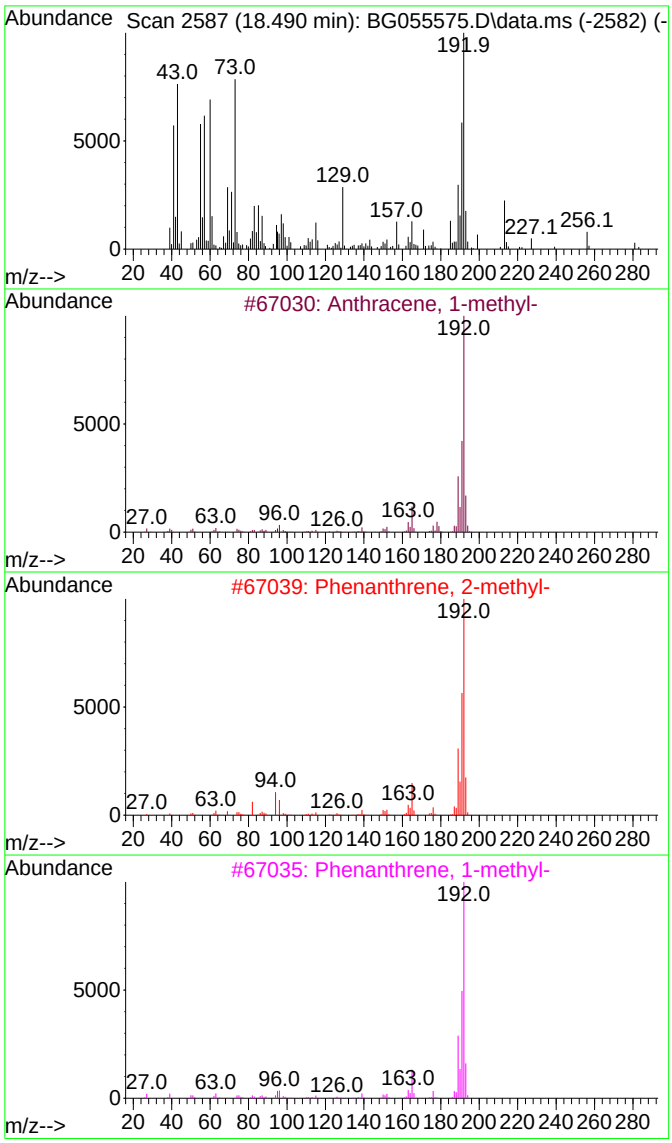
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

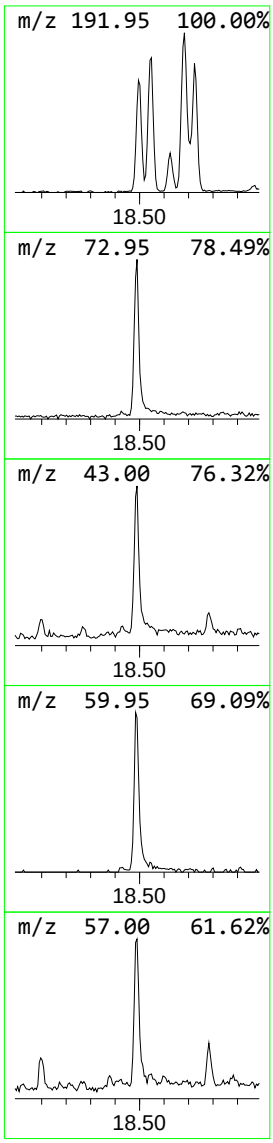
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.490	7.91 ng	356534	Phenanthrene-d10	17.626

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111122\
Data File : BG055575.D
Acq On : 11 Nov 2022 20:52
Operator : CG/JU
Sample : N5531-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-30

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

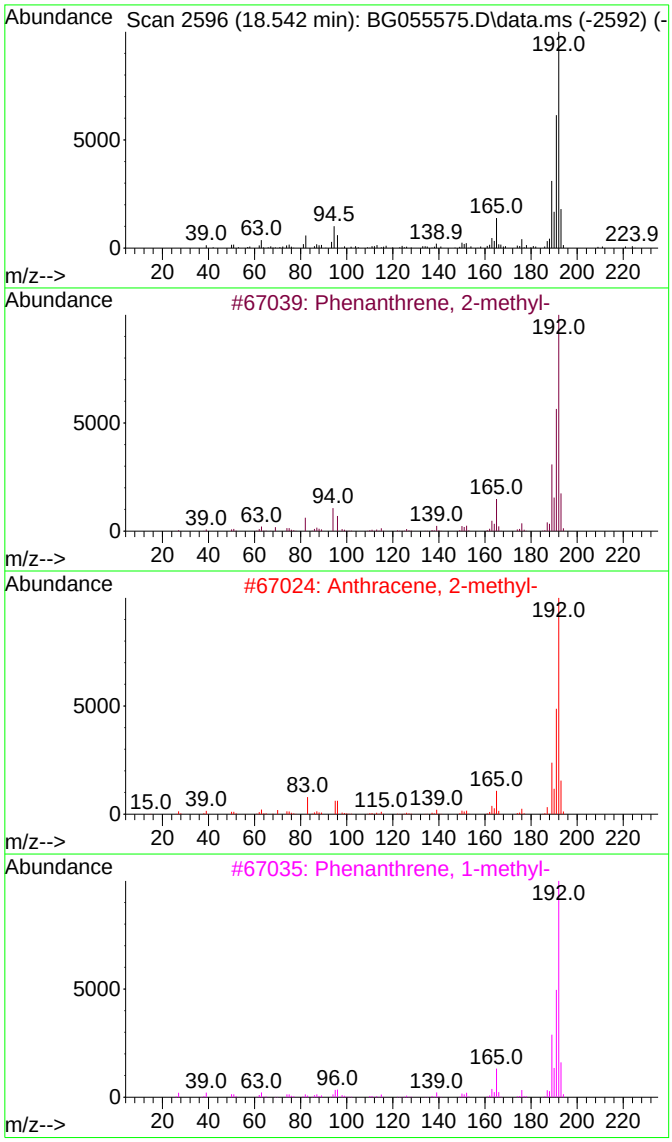
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

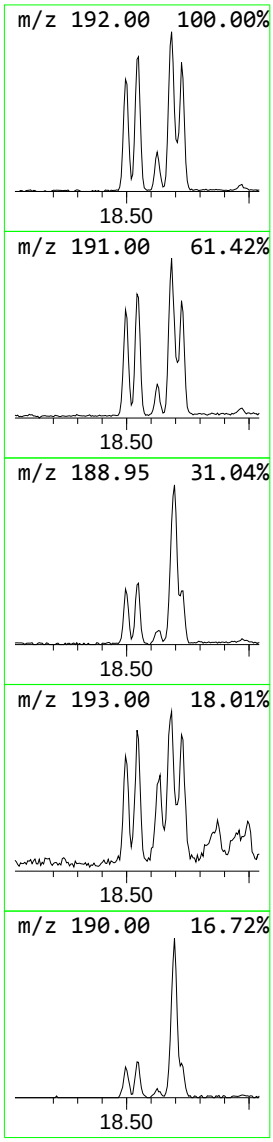
****

Peak Number 7 Phenanthrene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.542	4.04 ng	181886	Phenanthrene-d10	17.626

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111122\
Data File : BG055575.D
Acq On : 11 Nov 2022 20:52
Operator : CG/JU
Sample : N5531-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-30

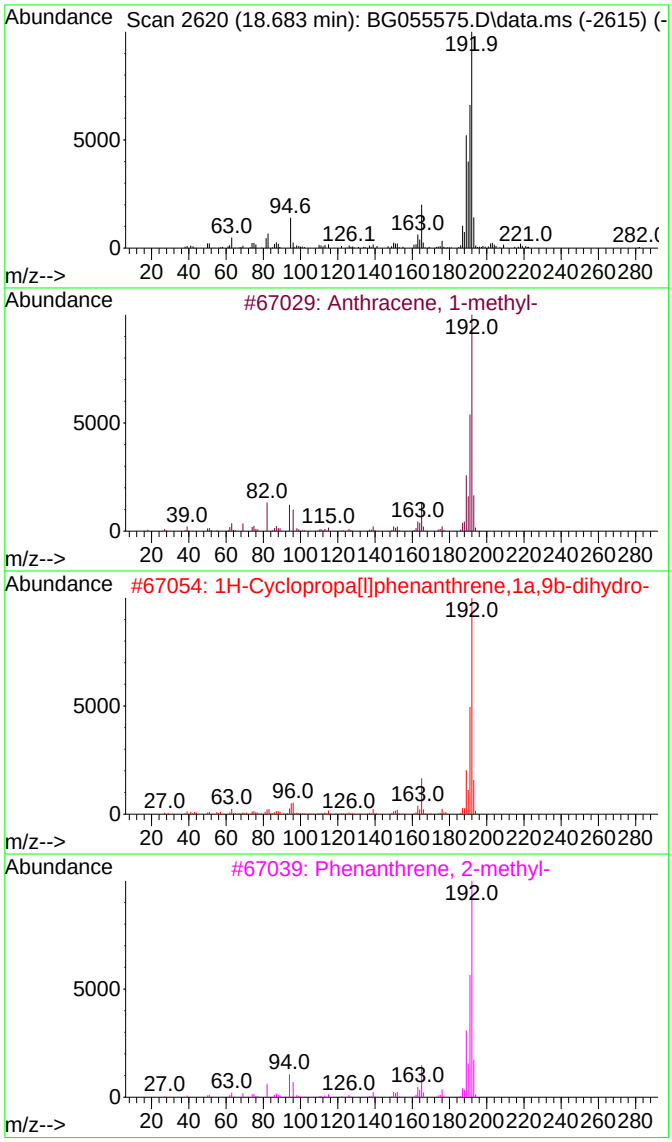
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

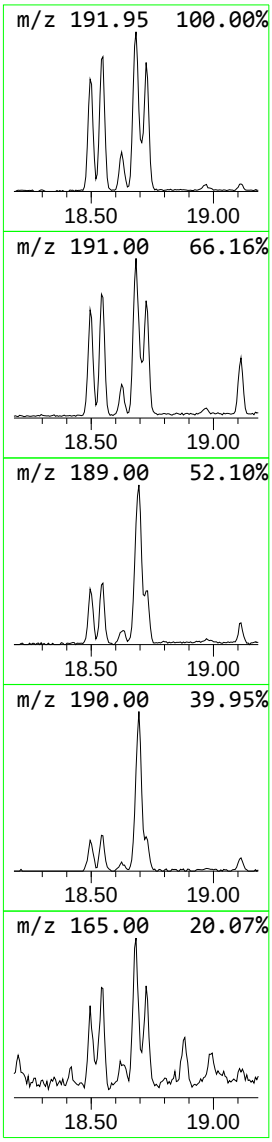
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 1H-Cyclopropa[l]phenanthren... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.683	6.73 ng	303092	Phenanthrene-d10	17.626

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	78
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	64
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	64
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	60
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	60





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Acq On : 11 Nov 2022 20:52
Operator : CG/JU
Sample : N5531-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-30

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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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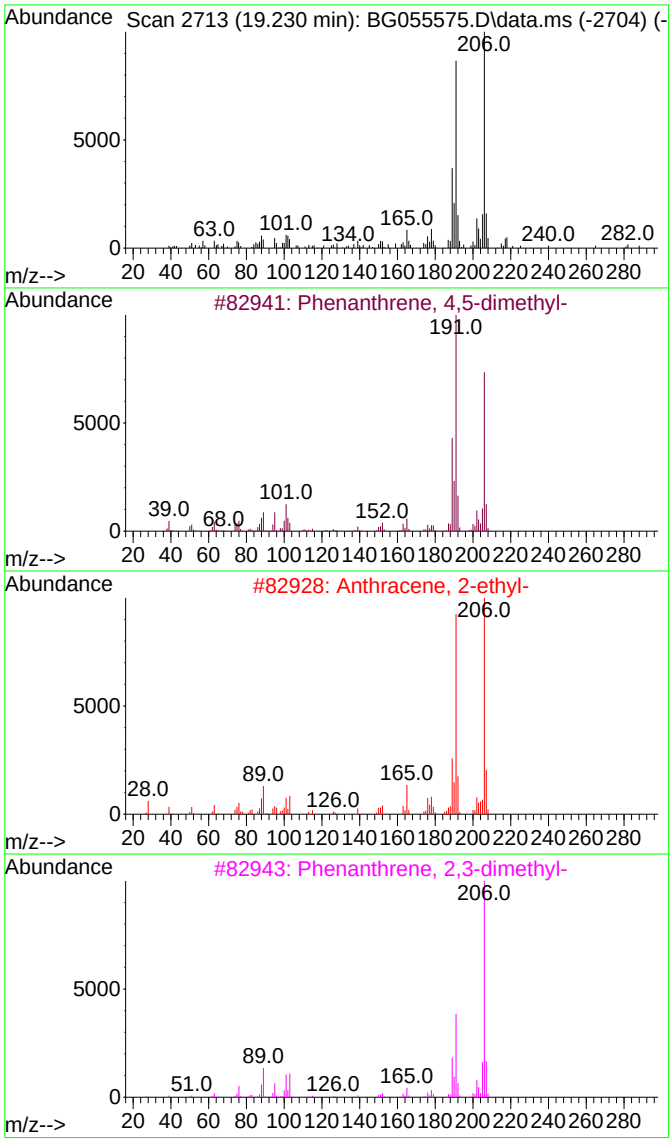
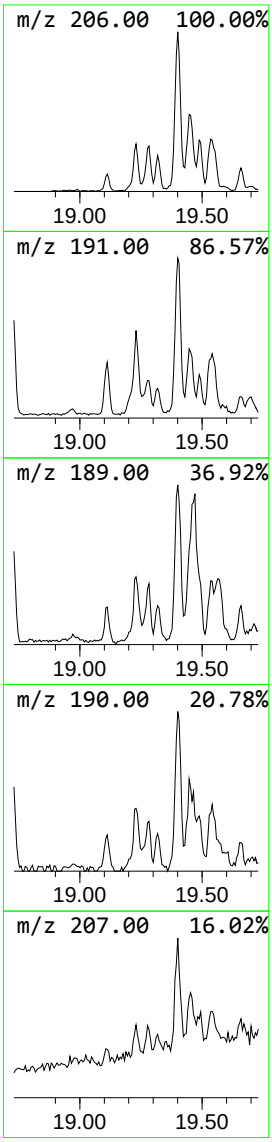
Peak Number 9 Phenanthrene, 4,5-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.230	3.21 ng	144532	Phenanthrene-d10	17.626

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	94
2	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	93
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91
4	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	87
5	Phenanthrene, 2-ethyl-	206	C16H14	003674-74-6	81





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Misc :
ALS Vial : 8 Sample Multiplier: 1

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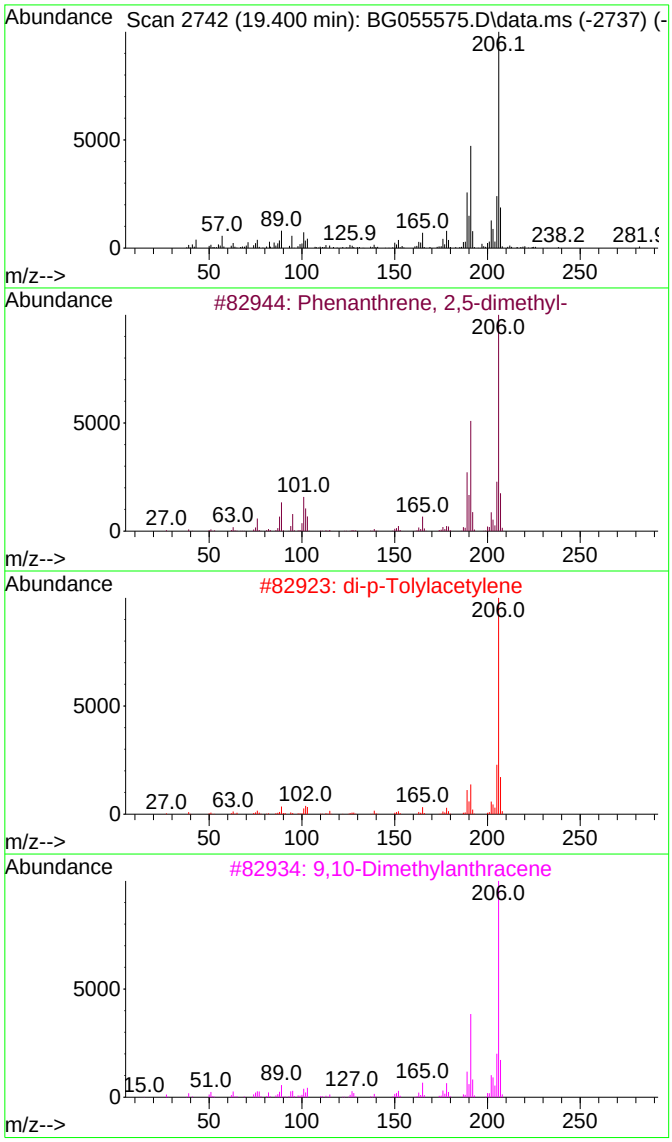
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

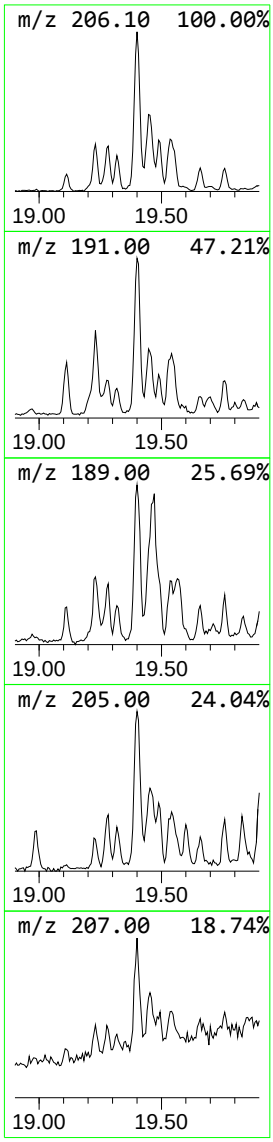
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Phenanthrene, 2,5-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.400	7.45 ng	335686	Phenanthrene-d10	17.626

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	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	90
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90





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Misc :
ALS Vial : 8 Sample Multiplier: 1

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

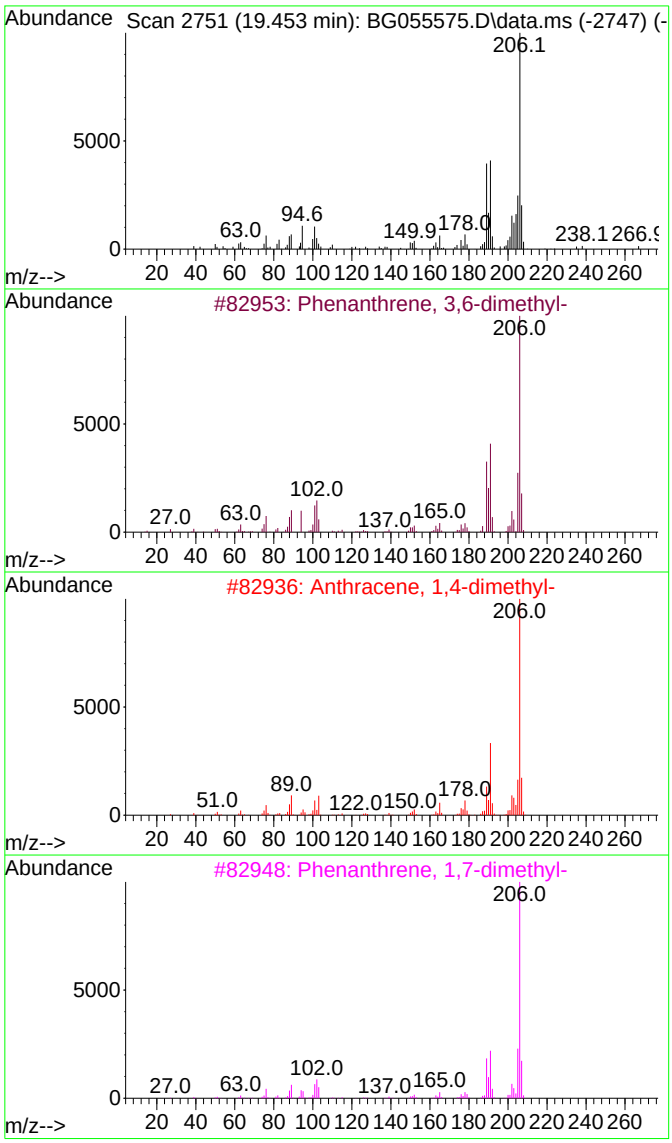
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

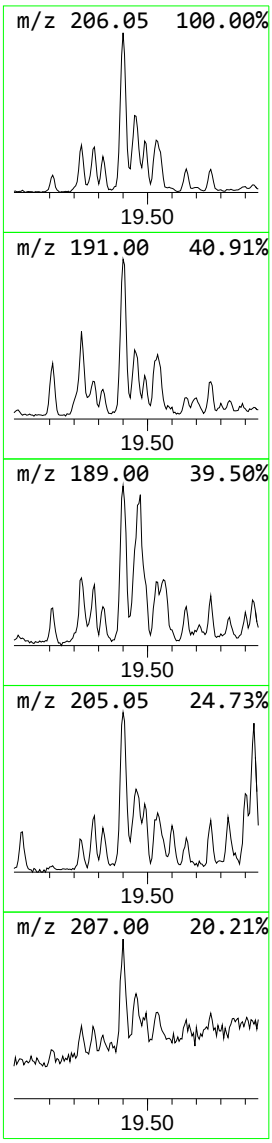
****

Peak Number 11 Phenanthrene, 3,6-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.453	2.80 ng	125968	Phenanthrene-d10	17.626

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
2	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	89
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	87
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	76
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	76





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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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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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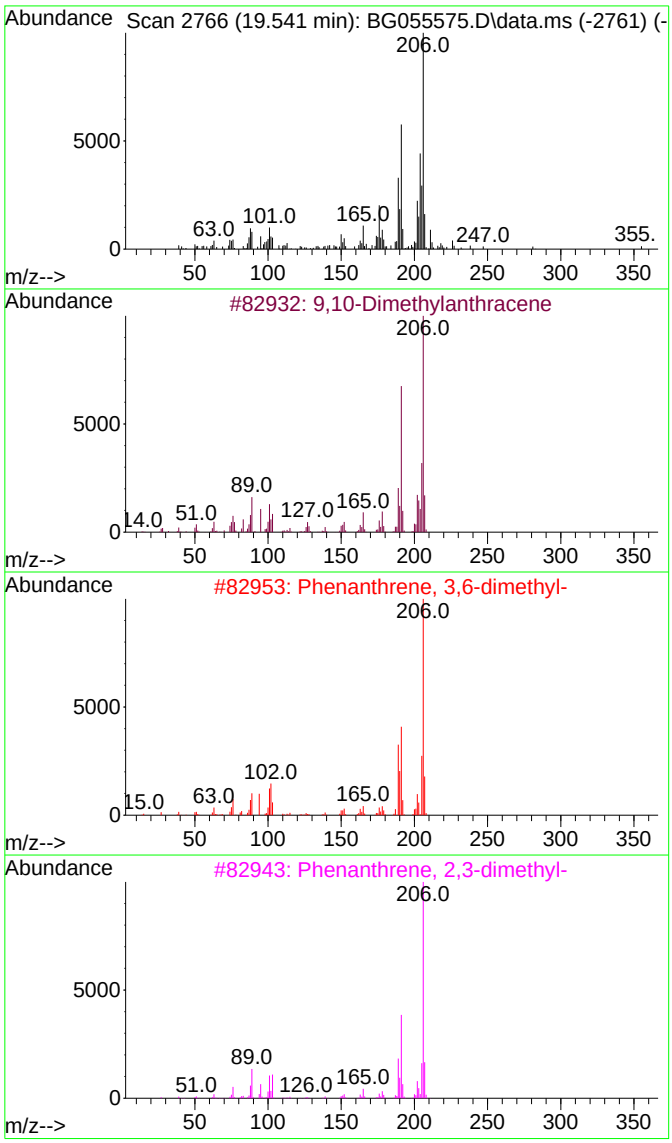
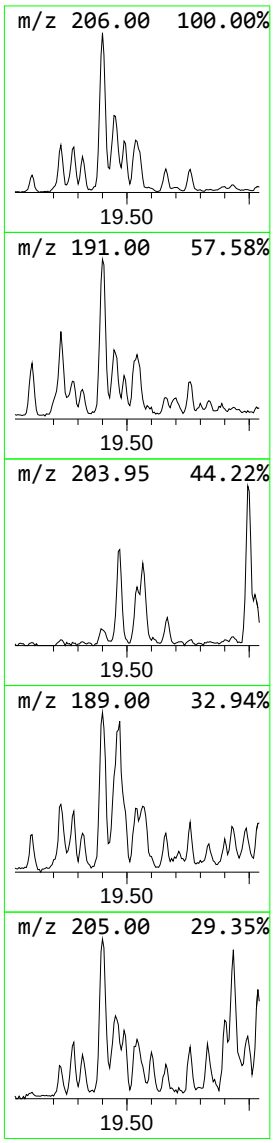
Peak Number 12 9,10-Dimethylanthracene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.541	4.51 ng	203233	Phenanthrene-d10	17.626

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	78
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	64
4	3-Methyl-1-phenyl-1H-indene	206	C16H14	022360-63-0	64
5	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	58





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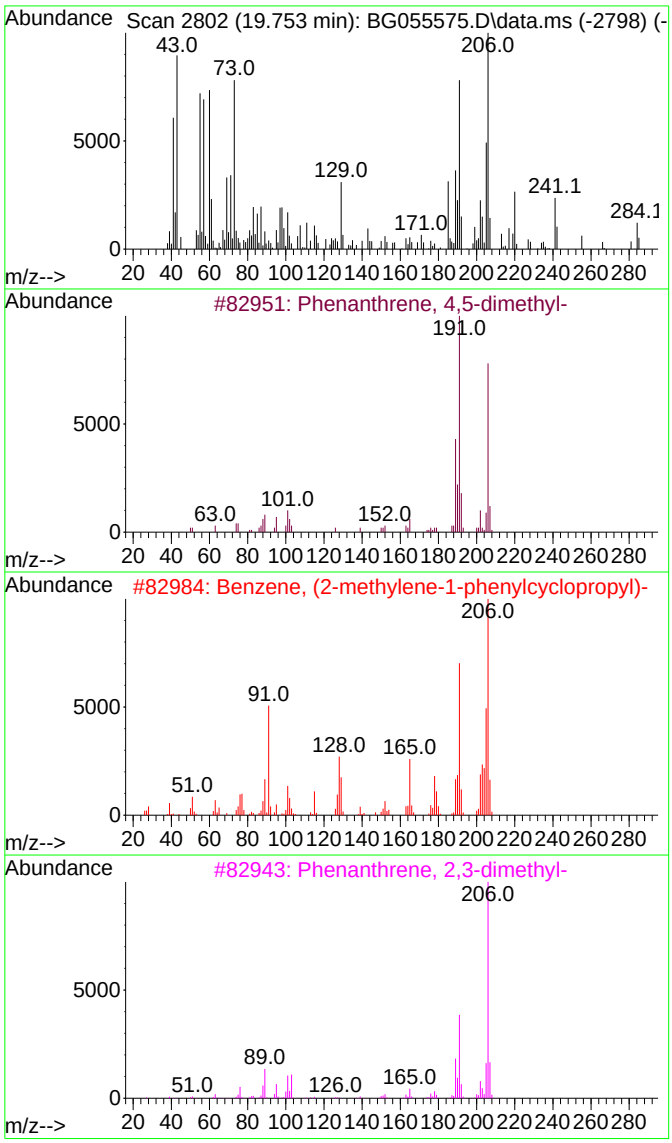
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

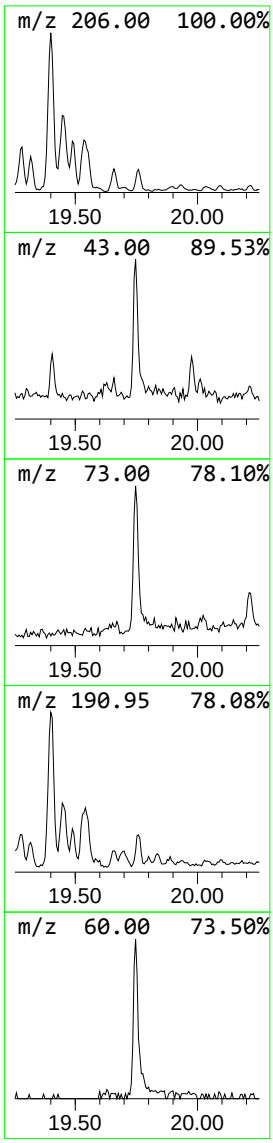
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzene, (2-methylene-1-phe... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.753	3.82 ng	172111	Phenanthrene-d10	17.626

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	64
2	Benzene, (2-methylene-1-phenylcy...	206	C16H14	025152-47-0	53
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	50
4	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	49
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	45





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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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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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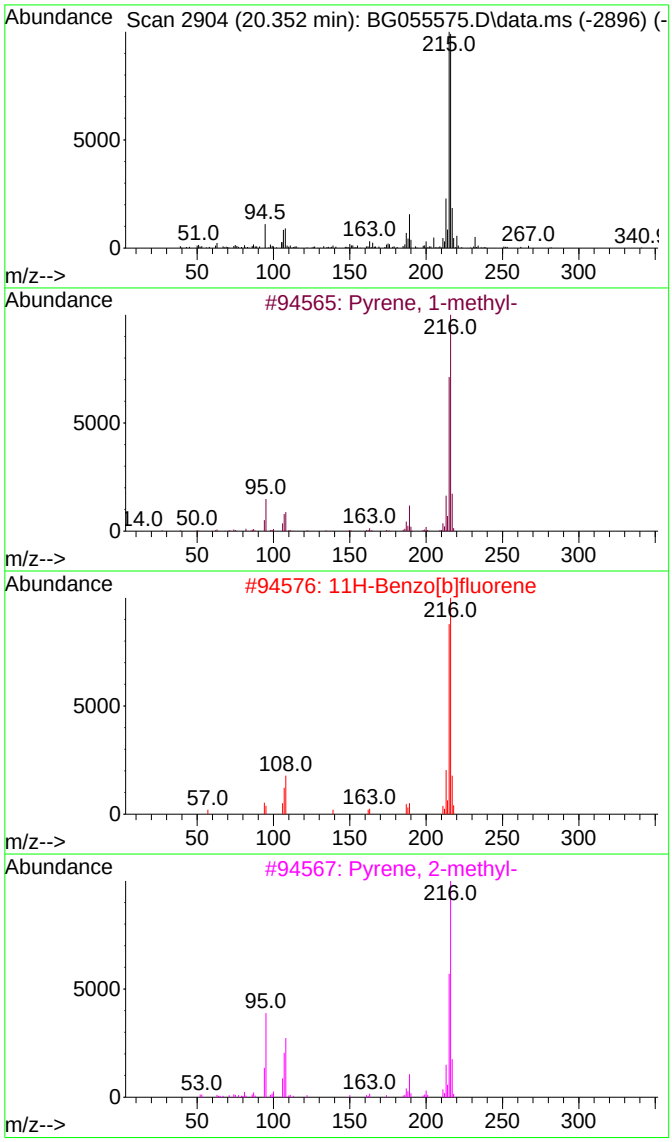
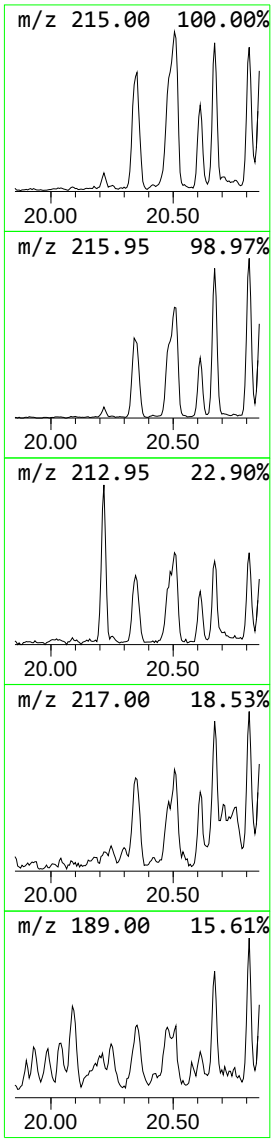
Peak Number 14 Pyrene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.352	3.92 ng	306554	Chrysene-d12	21.927

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	86
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81





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Instrument :
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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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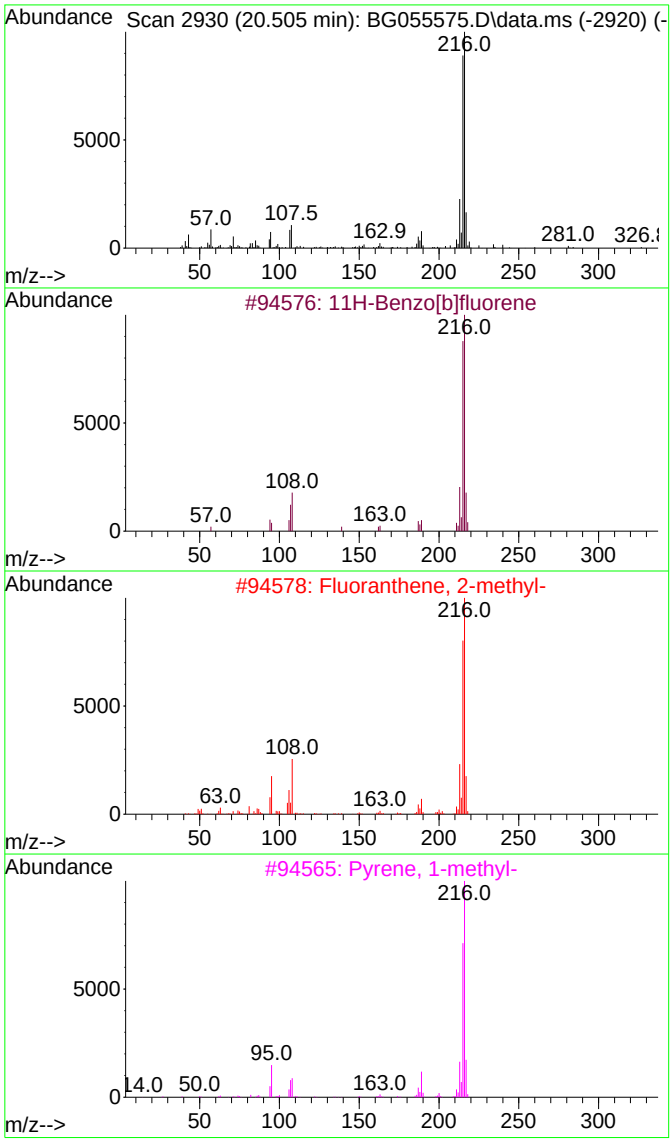
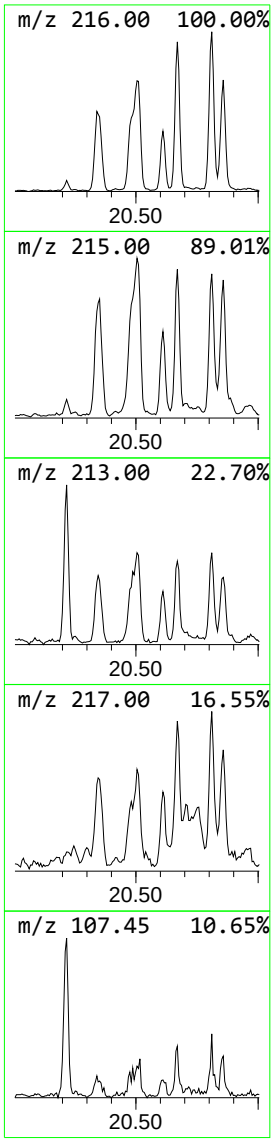
Peak Number 15 11H-Benzo[b]fluorene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.505	5.36 ng	419786	Chrysene-d12	21.927

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72





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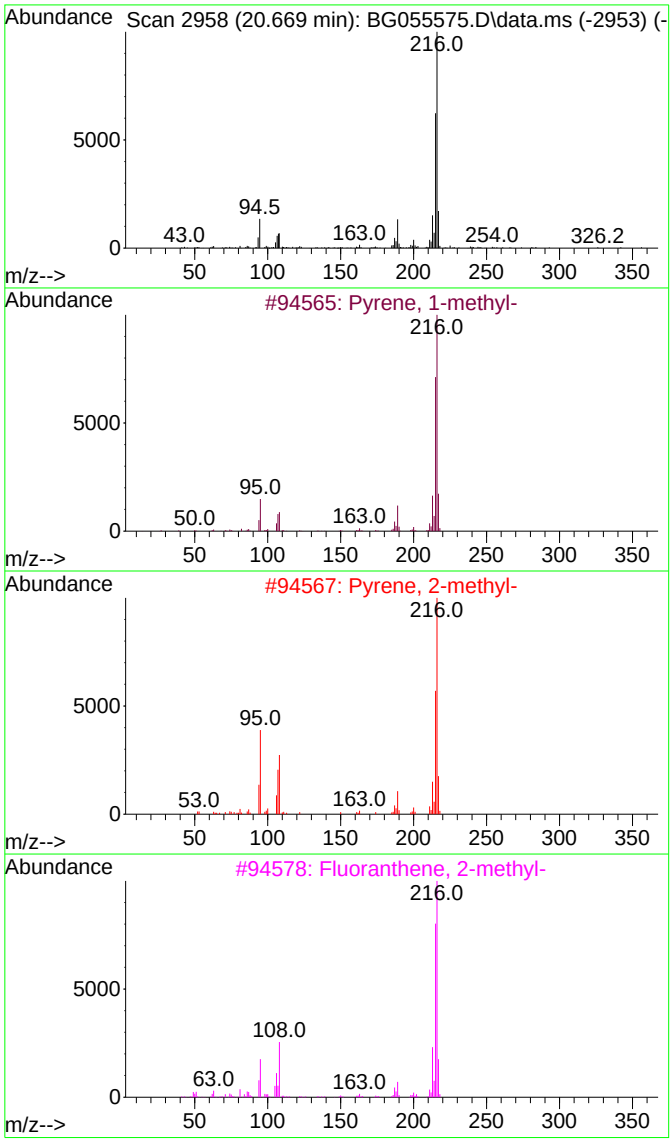
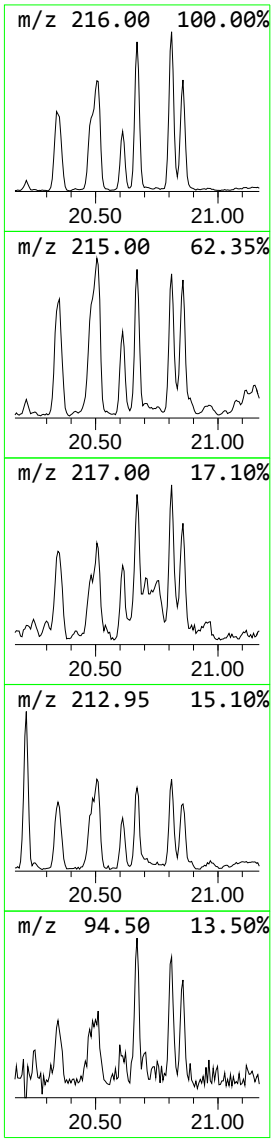
****

Peak Number 16 Pyrene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.669	3.31 ng	258913	Chrysene-d12	21.927

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	97
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	95
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	81





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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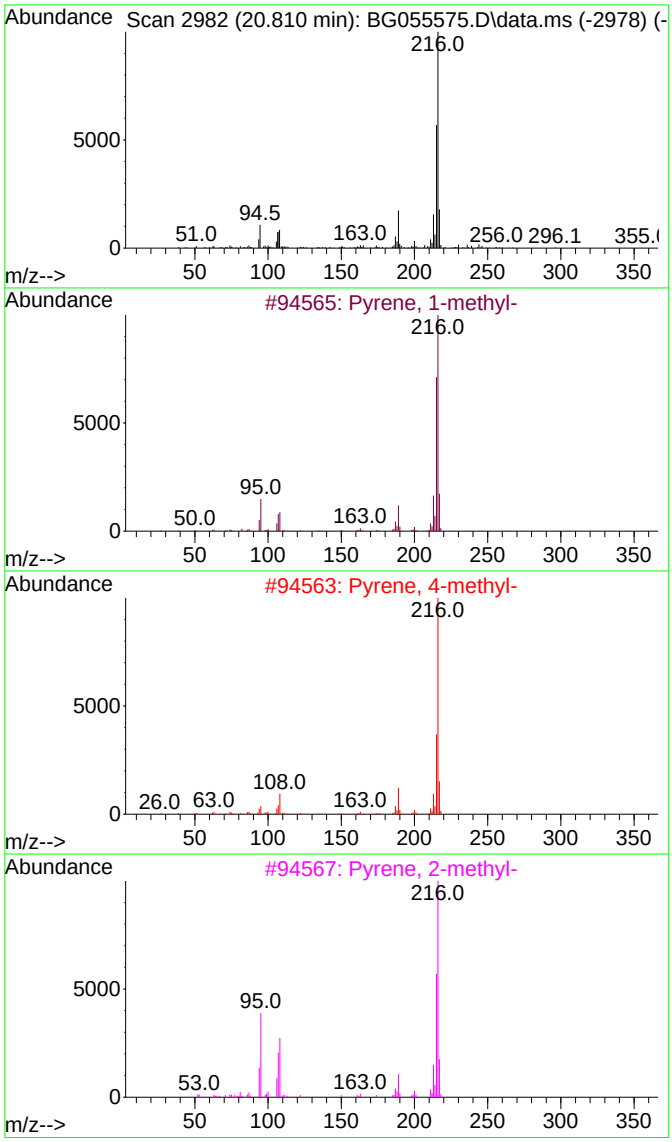
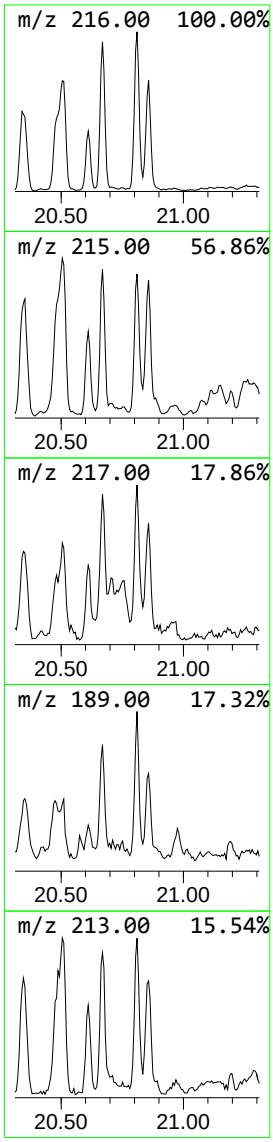
Peak Number 17 Pyrene, 4-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.810	3.32 ng	259986	Chrysene-d12	21.927

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 4-methyl-	216	C17H12	003353-12-6	95
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81





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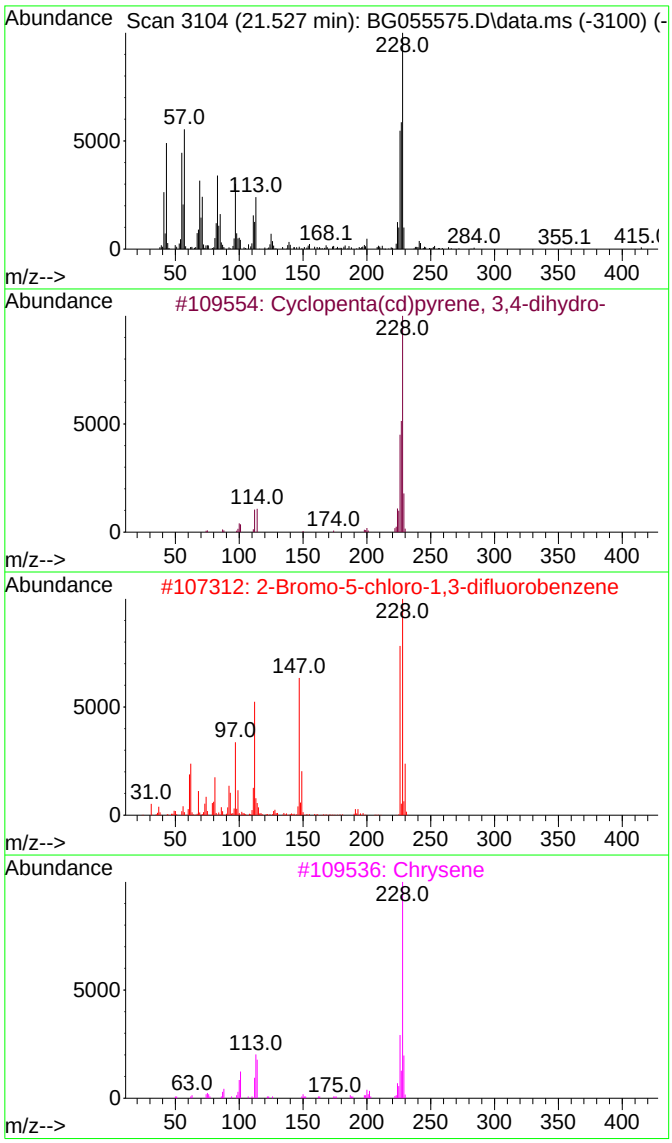
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

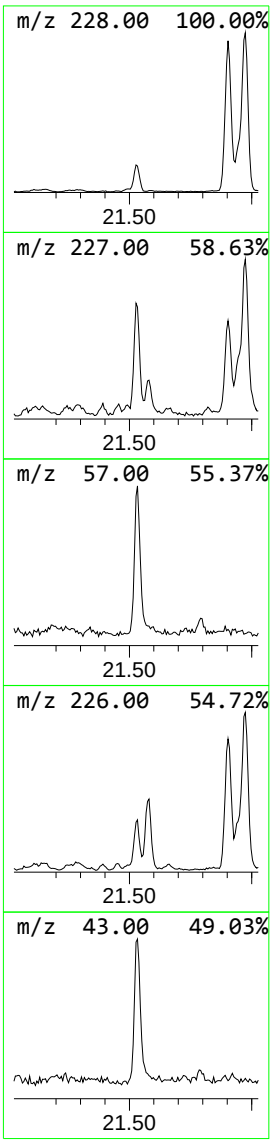
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.527	3.01 ng	235892	Chrysene-d12	21.927

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	55
2	2-Bromo-5-chloro-1,3-difluoroben...	226	C6H2BrClF2	883546-16-5	50
3	Chrysene	228	C18H12	000218-01-9	43
4	8-Bromo-1,2,3,4-tetrahydro-1,6-n...	226	C9H11BrN2	2077845-85-1	38
5	5-Bromo-1-chloro-2,4-difluoroben...	226	C6H2BrClF2	914636-89-8	38





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ALS Vial : 8 Sample Multiplier: 1

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TIC Library : C:\Database\NIST20.L
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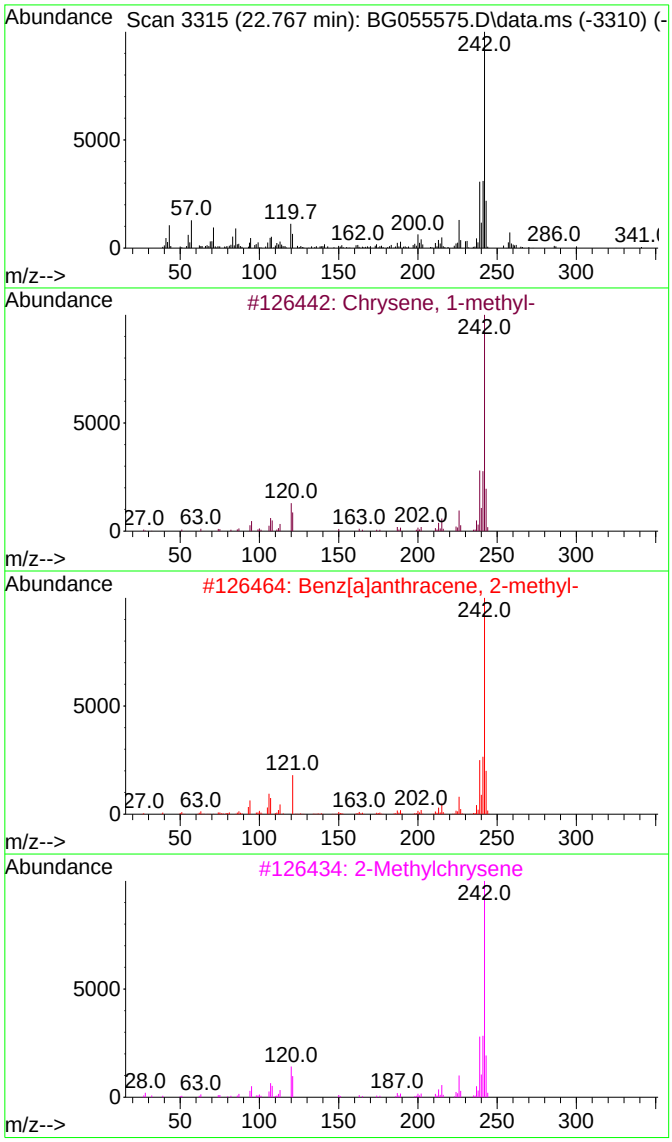
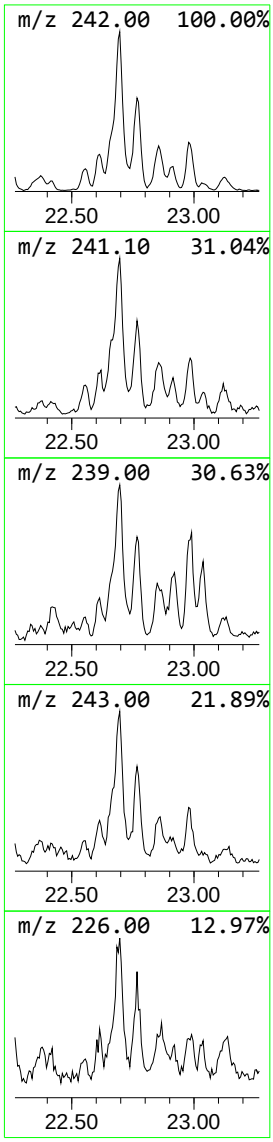
Peak Number 19 Chrysene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.767	2.70 ng	210971	Chrysene-d12	21.927

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chrysene, 1-methyl-	242	C19H14	003351-28-8	93
2	Benz[a]anthracene, 2-methyl-	242	C19H14	002498-76-2	93
3	2-Methylchrysene	242	C19H14	003351-32-4	89
4	Chrysene, 6-methyl-	242	C19H14	001705-85-7	81
5	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111122\
Data File : BG055575.D
Acq On : 11 Nov 2022 20:52
Operator : CG/JU
Sample : N5531-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-30

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

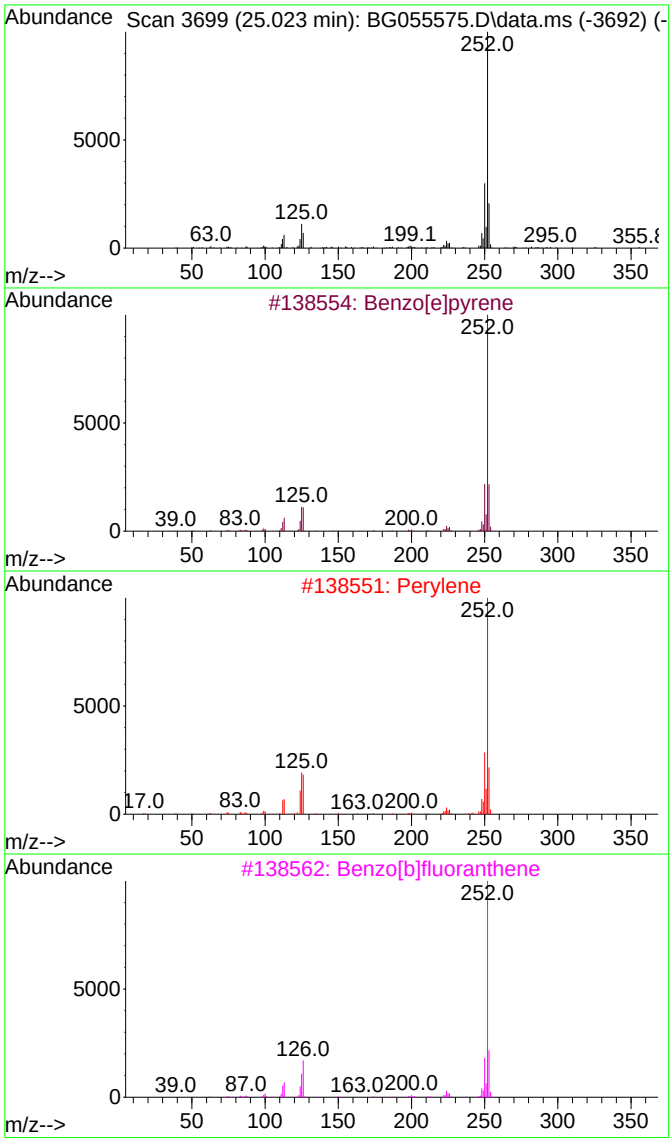
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

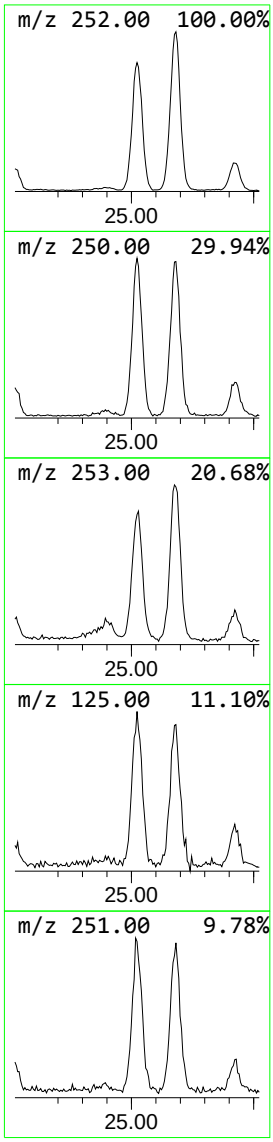
****

Peak Number 20 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.023	7.67 ng	379768	Perylene-d12	25.346

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	95
2	Perylene	252	C20H12	000198-55-0	93
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
4	Benzo[a]pyrene	252	C20H12	000050-32-8	91
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111122\
Data File : BG055575.D
Acq On : 11 Nov 2022 20:52
Operator : CG/JU
Sample : N5531-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-30

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...	3.325	22.3	ng	386718	1	8.272	346981	20.0
unknown3.372	3.372	2.9	ng	50799	1	8.272	346981	20.0
3-Penten-2-one,...	4.712	3.5	ng	61232	1	8.272	346981	20.0
2-Pentanone, 4-...	5.328	34.4	ng	596609	1	8.272	346981	20.0
Ethanol, 1-(2-b...	10.846	3.4	ng	84148	2	11.098	494275	20.0
Anthracene, 1-m...	18.490	7.9	ng	356534	4	17.626	900951	20.0
Phenanthrene, 2...	18.542	4.0	ng	181886	4	17.626	900951	20.0
1H-Cyclopropa[l...	18.683	6.7	ng	303092	4	17.626	900951	20.0
Phenanthrene, 4...	19.230	3.2	ng	144532	4	17.626	900951	20.0
Phenanthrene, 2...	19.400	7.5	ng	335686	4	17.626	900951	20.0
Phenanthrene, 3...	19.453	2.8	ng	125968	4	17.626	900951	20.0
9,10-Dimethylan...	19.541	4.5	ng	203233	4	17.626	900951	20.0
Benzene, (2-met...	19.753	3.8	ng	172111	4	17.626	900951	20.0
Pyrene, 1-methyl-	20.352	3.9	ng	306554	5	21.927	1565270	20.0
11H-Benzo[b]flu...	20.505	5.4	ng	419786	5	21.927	1565270	20.0
Pyrene, 2-methyl-	20.669	3.3	ng	258913	5	21.927	1565270	20.0
Pyrene, 4-methyl-	20.810	3.3	ng	259986	5	21.927	1565270	20.0
Cyclopenta(cd)p...	21.527	3.0	ng	235892	5	21.927	1565270	20.0
Chrysene, 1-met...	22.767	2.7	ng	210971	5	21.927	1565270	20.0
Benzo[e]pyrene	25.023	7.7	ng	379768	6	25.346	989943	20.0