LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101022\
Data File : BG055119.D
Acq On : 10 Oct 2022 19:28
Operator : CG/JU
Sample : N5018-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SASP2-T-3-(0-5)

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-BG100322.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG055119.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.365	8	13	27	rVB	315574	536752	29.06%	2.575%
2	5.374	348	355	363	rBV	161750	253424	13.72%	1.216%
3	5.850	429	436	447	rVB	504998	797746	43.19%	3.827%
4	7.460	702	710	718	rBV	523151	888764	48.12%	4.263%
5	8.329	850	858	865	rBV	125044	209287	11.33%	1.004%
6	9.499	1049	1057	1066	rBV	307525	541247	29.30%	2.596%
7	11.161	1332	1340	1346	rBV	173222	311814	16.88%	1.496%
8	13.564	1743	1749	1757	rVB	846065	1278911	69.24%	6.135%
9	14.663	1932	1936	1944	rBV2	12786	23477	1.27%	0.113%
10	14.933	1973	1982	1989	rBV	298000	471322	25.52%	2.261%
11	15.327	2041	2049	2055	rBV2	13987	25418	1.38%	0.122%
12	15.973	2153	2159	2169	rVB2	25686	42686	2.31%	0.205%
13	16.408	2226	2233	2241	rBV	760343	1142394	61.85%	5.480%
14	17.319	2383	2388	2394	rBV	20428	32953	1.78%	0.158%
15	17.395	2394	2401	2407	rBV6	9329	20689	1.12%	0.099%
16	17.489	2413	2417	2426	rVB	20231	29994	1.62%	0.144%
17	17.671	2442	2448	2451	rBV	368349	573707	31.06%	2.752%
18	17.713	2451	2455	2462	rVV	420244	608143	32.93%	2.917%
19	17.801	2462	2470	2475	rVV	50766	96396	5.22%	0.462%
20	18.065	2506	2515	2523	rBV2	28645	62966	3.41%	0.302%
21	18.183	2531	2535	2539	rBV	15059	21026	1.14%	0.101%
22	18.247	2541	2546	2551	rVB2	20194	33057	1.79%	0.159%
23	18.394	2565	2571	2578	rVB	10262	19168	1.04%	0.092%
24	18.529	2588	2594	2600	rVV2	153240	321677	17.42%	1.543%
25	18.588	2600	2604	2610	rVV	116671	176362	9.55%	0.846%
26	18.664	2612	2617	2622	rVV	24109	37364	2.02%	0.179%
27	18.729	2622	2628	2632	rVV2	107548	222286	12.04%	1.066%
28	18.764	2632	2634	2639	rVB	69076	88862	4.81%	0.426%
29	18.935	2657	2663	2667	rBV6	8977	18876	1.02%	0.091%
30	19.023	2673	2678	2682	rBV	68617	104352	5.65%	0.501%
31	19.064	2682	2685	2695	rVB2	70924	101953	5.52%	0.489%
32	19.264	2711	2719	2724	rBV4	31672	62190	3.37%	0.298%
33	19.317	2724	2728	2731	rVV2	25924	33486	1.81%	0.161%
34	19.352	2731	2734	2738	rVB2	17637	23854	1.29%	0.114%
35	19.434	2743	2748	2753	rBV	71606	125606	6.80%	0.603%
36	19.493	2753	2758	2762	rBV4	22967	42674	2.31%	0.205%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101022\
Data File : BG055119.D
Acq On : 10 Oct 2022 19:28
Operator : CG/JU
Sample : N5018-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SASP2-T-3-(0-5)

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-BG100322.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	19.575	2768	2772	2779	rBV2	59867	109791	5.94%	0.527%
38	19.698	2788	2793	2799	rVB	742052	1060323	57.41%	5.086%
39	19.751	2799	2802	2803	rBV	20550	21236	1.15%	0.102%
40	19.781	2803	2807	2813	rVB4	56231	107898	5.84%	0.518%
41	19.851	2815	2819	2821	rBV	18268	25958	1.41%	0.125%
42	19.881	2821	2824	2828	rVV3	28109	37840	2.05%	0.182%
43	19.939	2830	2834	2842	rVB3	28657	63498	3.44%	0.305%
44	20.027	2843	2849	2850	rVV2	103239	160605	8.70%	0.770%
45	20.057	2850	2854	2861	rVV	684364	1008783	54.62%	4.839%
46	20.121	2861	2865	2872	rVB2	48285	74500	4.03%	0.357%
47	20.245	2880	2886	2891	rBV	1384129	1846991	100.00%	8.860%
48	20.380	2902	2909	2914	rBV3	66216	161818	8.76%	0.776%
49	20.539	2925	2936	2941	rVB	91911	236865	12.82%	1.136%
50	20.638	2950	2953	2957	rVB	35698	44530	2.41%	0.214%
51	20.697	2957	2963	2967	rBV2	76587	131123	7.10%	0.629%
52	20.844	2984	2988	2991	rBV	61505	83083	4.50%	0.399%
53	20.891	2992	2996	2999	rVV	45082	60300	3.26%	0.289%
54	21.320	3065	3069	3077	rVB	90453	156517	8.47%	0.751%
55	21.520	3095	3103	3106	rBV4	59993	150755	8.16%	0.723%
56	21.561	3106	3110	3116	rVV2	195909	317340	17.18%	1.522%
57	21.620	3116	3120	3124	rVV2	62690	118279	6.40%	0.567%
58	21.673	3124	3129	3140	rVB2	95511	185100	10.02%	0.888%
59	21.825	3149	3155	3162	rVB	495717	695444	37.65%	3.336%
60	21.955	3169	3177	3183	rBV3	416503	1166318	63.15%	5.595%
61	22.013	3183	3187	3195	rVB	307920	523920	28.37%	2.513%
62	22.237	3222	3225	3229	rBV2	30365	40413	2.19%	0.194%
63	22.389	3247	3251	3259	rVB2	32966	61809	3.35%	0.296%
64	22.812	3320	3323	3331	rVB4	61422	127513	6.90%	0.612%
65	23.030	3357	3360	3364	rBV3	21353	30466	1.65%	0.146%
66	24.311	3568	3578	3587	rBV2	213134	796993	43.15%	3.823%
67	24.587	3620	3625	3634	rVB2	34337	81855	4.43%	0.393%
68	25.092	3703	3711	3727	rVB	132406	417307	22.59%	2.002%
69	25.245	3729	3737	3750	rVB	166658	510828	27.66%	2.450%
70	25.409	3756	3765	3774	rBV2	203838	621649	33.66%	2.982%
71	29.369	4431	4439	4452	rBV4	54320	228143	12.35%	1.094%

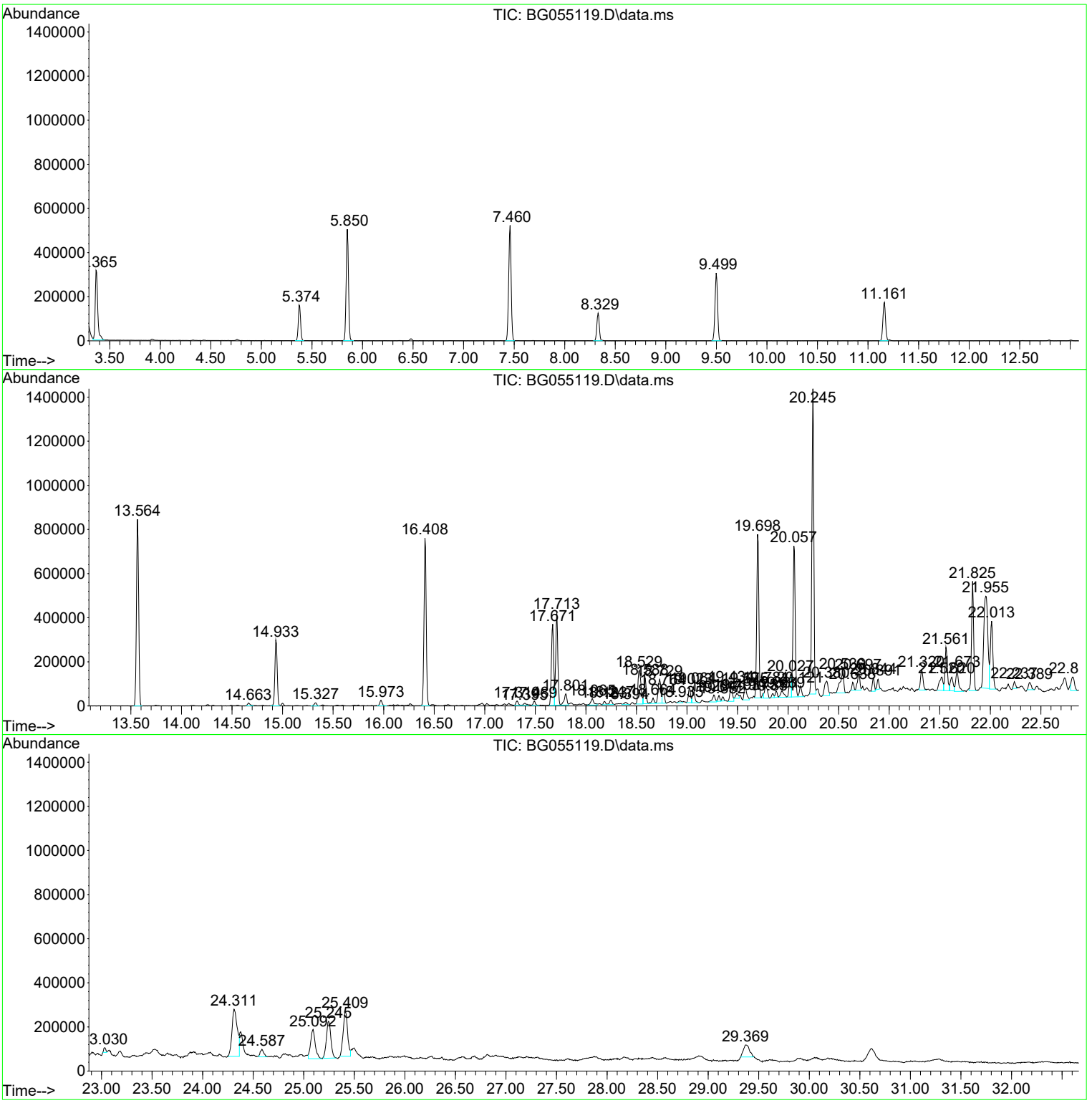
Sum of corrected areas: 20846674

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101022\
Data File : BG055119.D
Acq On : 10 Oct 2022 19:28
Operator : CG/JU
Sample : N5018-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SASP2-T-3-(0-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100322.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\BG101022\
Data File : BG055119.D
Acq On : 10 Oct 2022 19:28
Operator : CG/JU
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Instrument :
BNA_G
ClientSampleId :
SASP2-T-3-(0-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

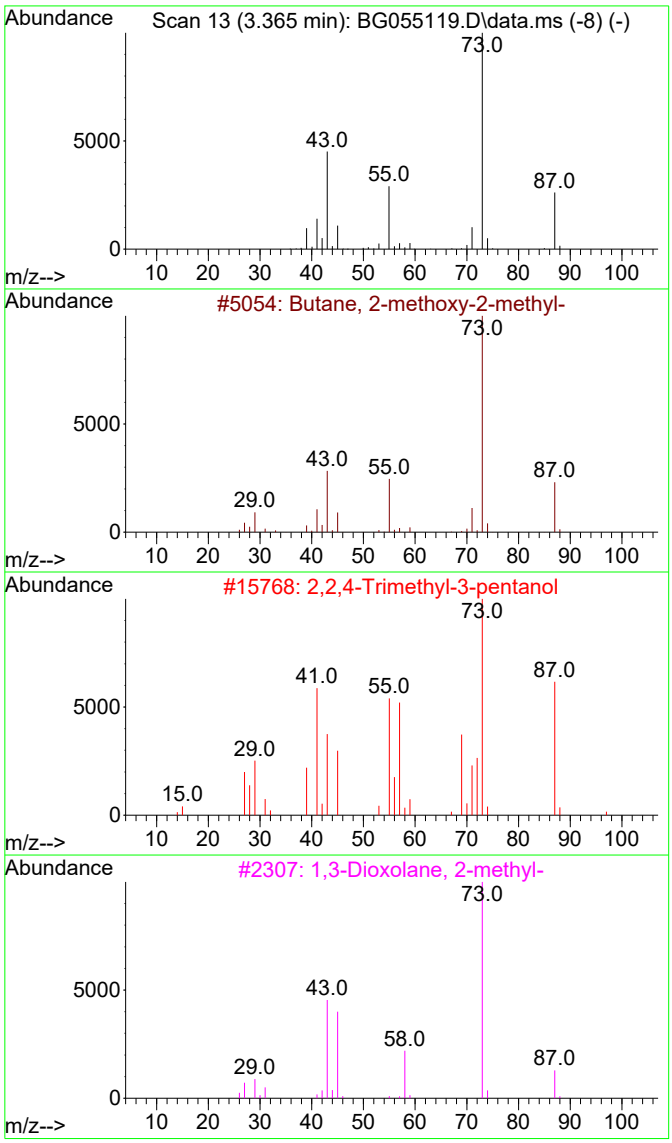
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

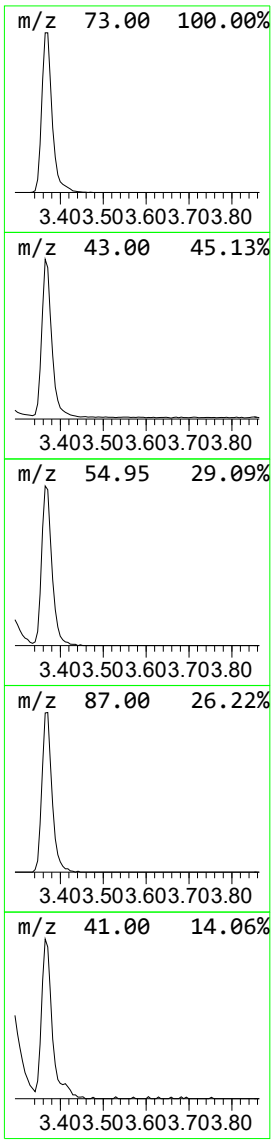
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.365	51.29 ng	536752	1,4-Dichlorobenzene-d4	8.329

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	38
4	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	25
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101022\
Data File : BG055119.D
Acq On : 10 Oct 2022 19:28
Operator : CG/JU
Sample : N5018-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SASP2-T-3-(0-5)

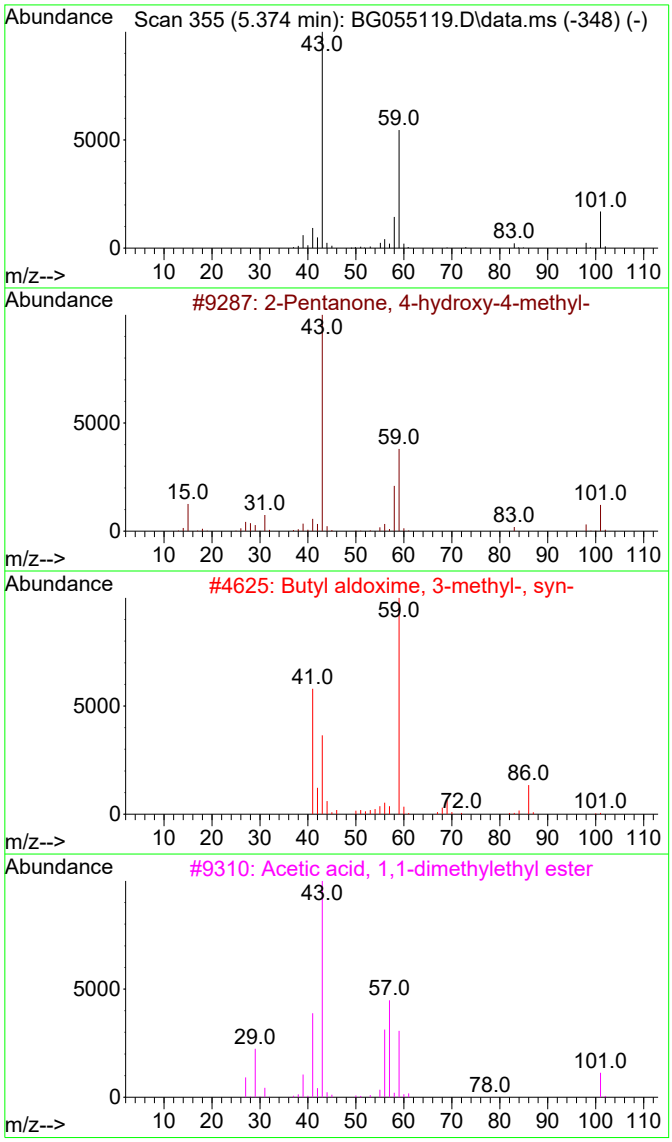
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

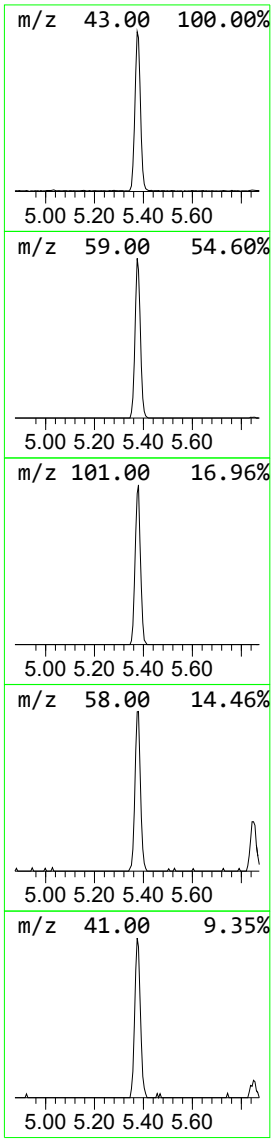
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.374	24.22 ng	253424	1,4-Dichlorobenzene-d4	8.329

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	38
3	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	25
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101022\
Data File : BG055119.D
Acq On : 10 Oct 2022 19:28
Operator : CG/JU
Sample : N5018-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SASP2-T-3-(0-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

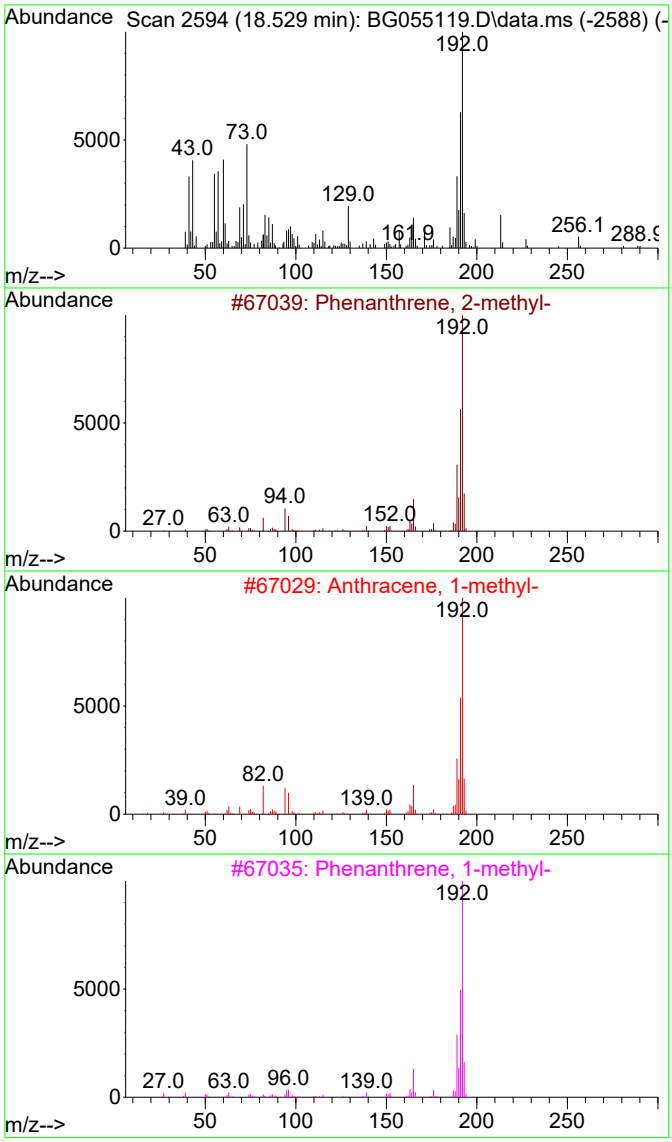
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

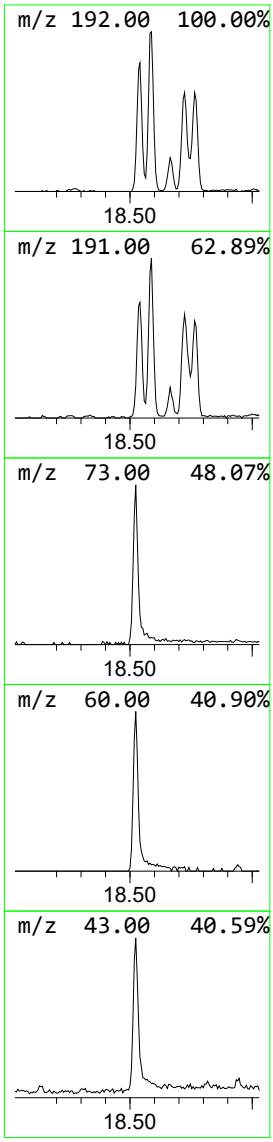
****

Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.529	11.21 ng	321677	Phenanthrene-d10	17.671

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101022\
Data File : BG055119.D
Acq On : 10 Oct 2022 19:28
Operator : CG/JU
Sample : N5018-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SASP2-T-3-(0-5)

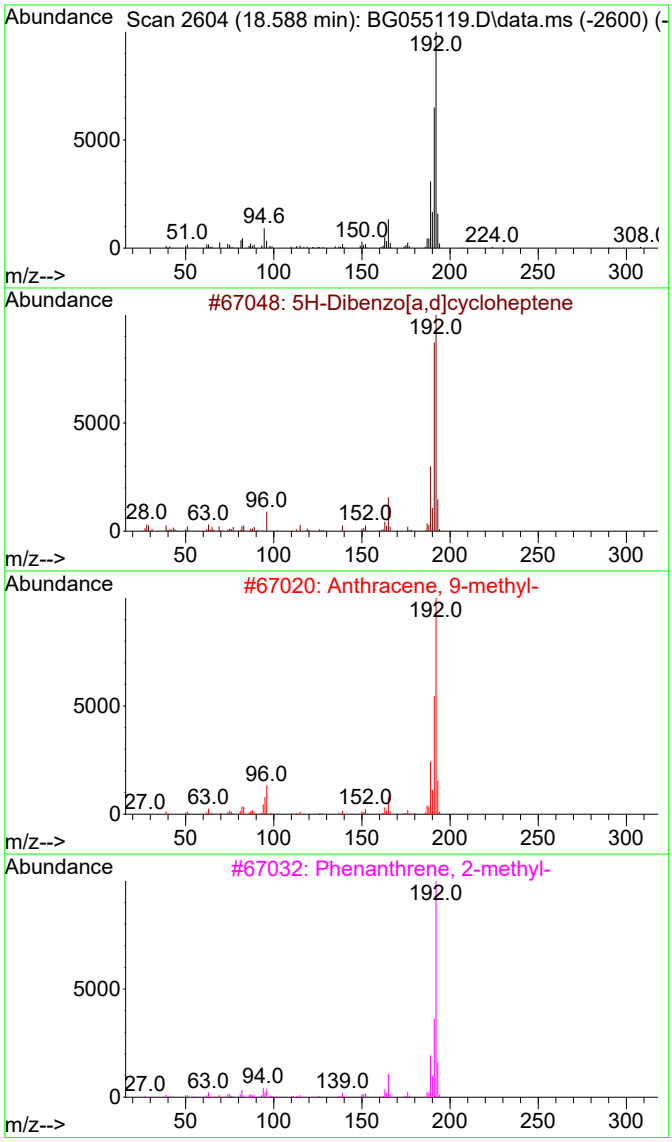
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

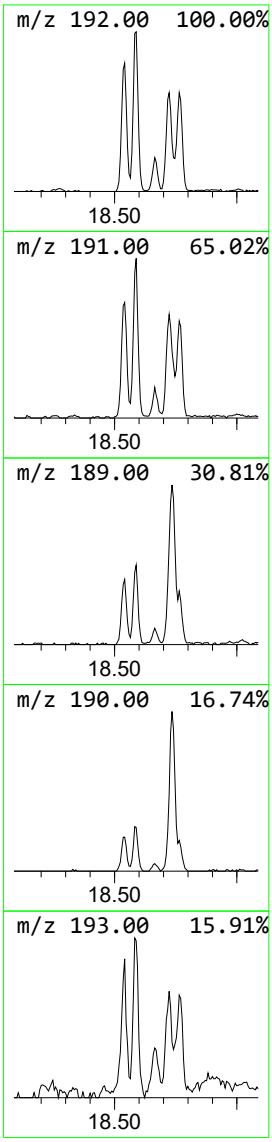
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 5H-Dibenzo[a,d]cycloheptene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.588	6.15 ng	176362	Phenanthrene-d10	17.671

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	95
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	92





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101022\
Data File : BG055119.D
Acq On : 10 Oct 2022 19:28
Operator : CG/JU
Sample : N5018-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SASP2-T-3-(0-5)

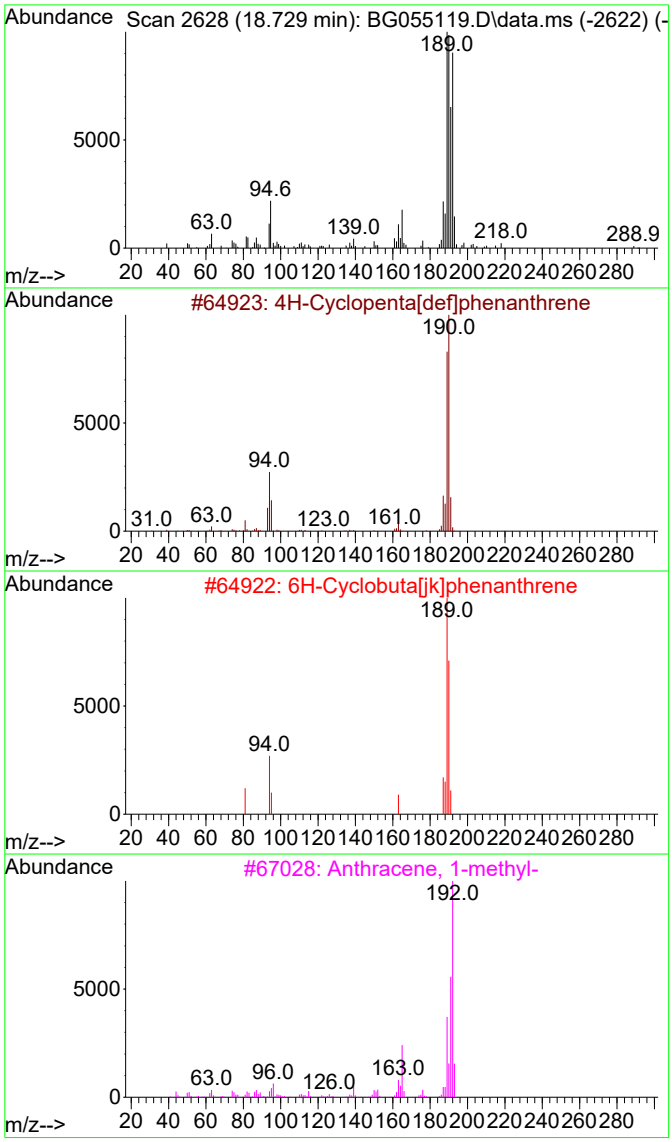
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

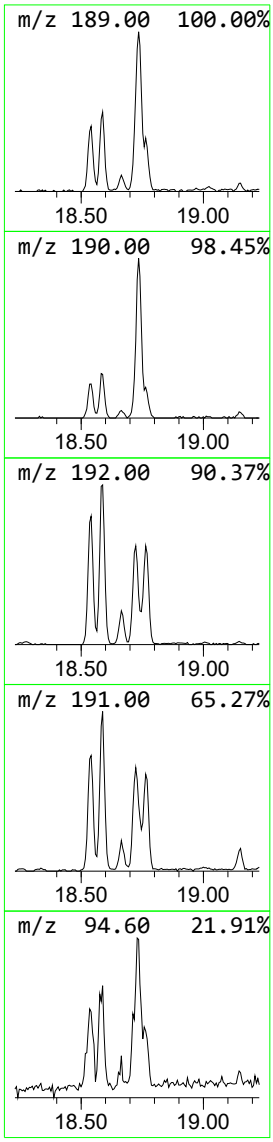
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.729	7.75 ng	222286	Phenanthrene-d10	17.671

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	42
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	42
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101022\
Data File : BG055119.D
Acq On : 10 Oct 2022 19:28
Operator : CG/JU
Sample : N5018-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SASP2-T-3-(0-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

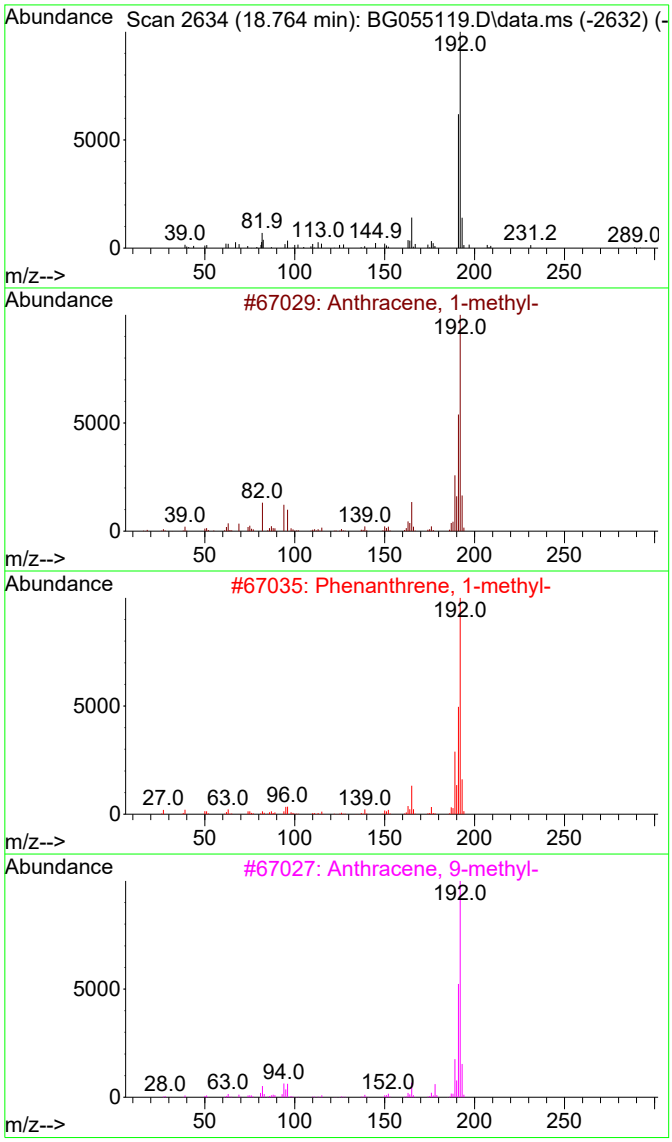
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

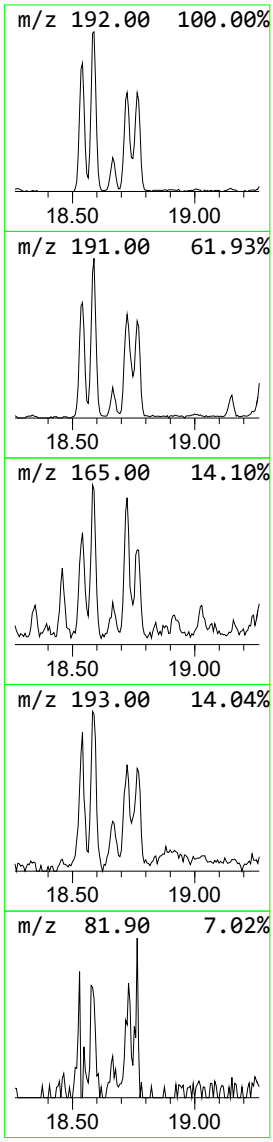
****

Peak Number 6 Anthracene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.764	3.10 ng	88862	Phenanthrene-d10	17.671

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101022\
Data File : BG055119.D
Acq On : 10 Oct 2022 19:28
Operator : CG/JU
Sample : N5018-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SASP2-T-3-(0-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

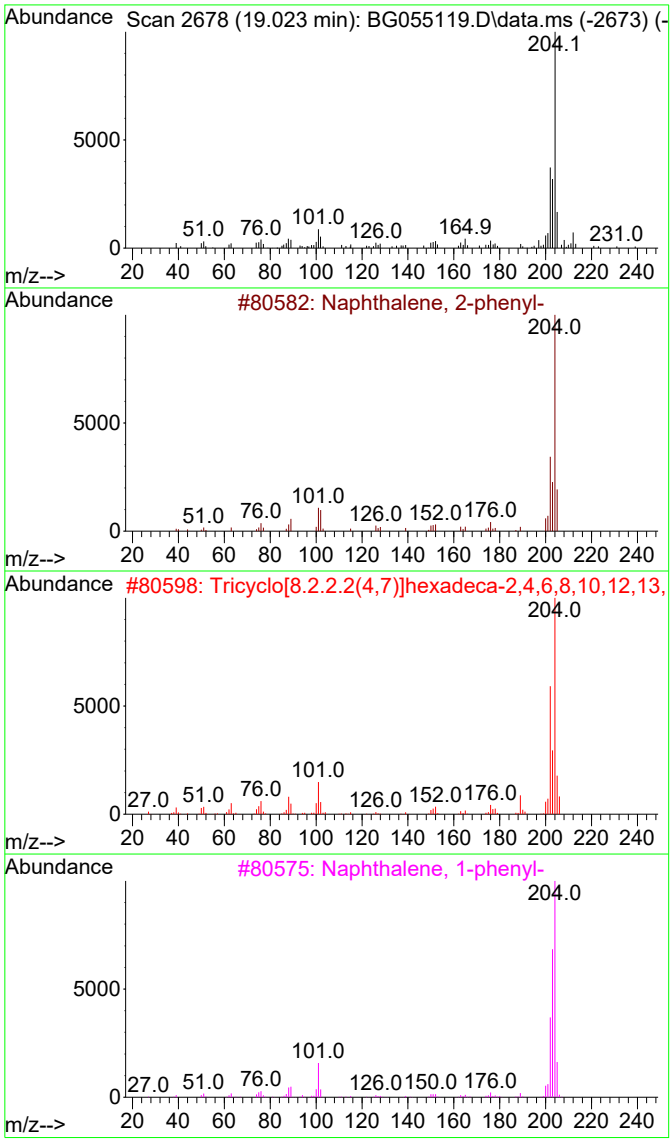
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

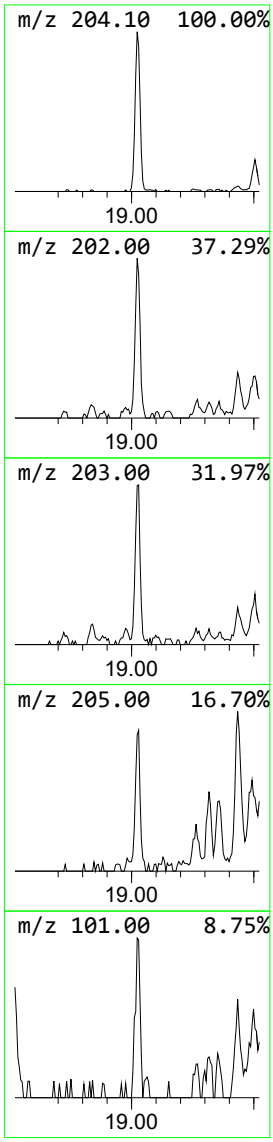
****

Peak Number 7 Naphthalene, 2-phenyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.023	3.64 ng	104352	Phenanthrene-d10	17.671

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	94
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	76
3	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	58
4	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	58
5	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	52





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Data File : BG055119.D
Acq On : 10 Oct 2022 19:28
Operator : CG/JU
Sample : N5018-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SASP2-T-3-(0-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

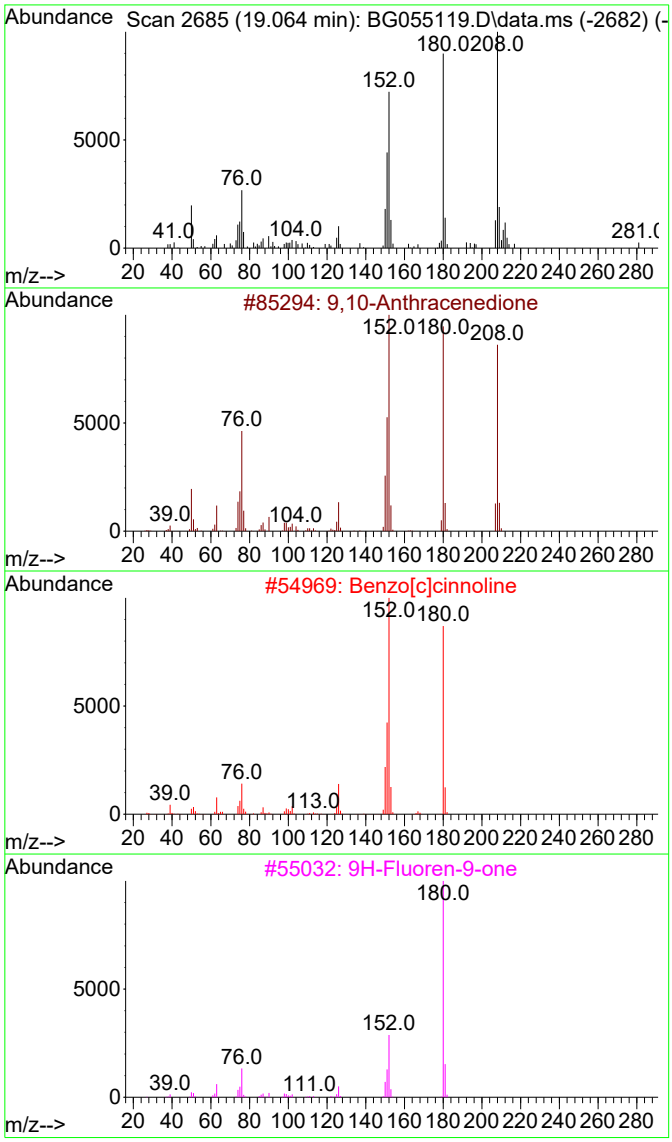
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

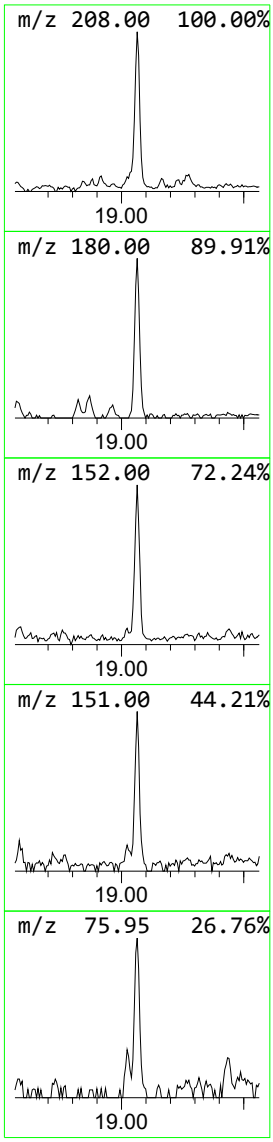
****

Peak Number 8 9,10-Anthracenedione Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.064	3.55 ng	101953	Phenanthrene-d10	17.671

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	89
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	78
4	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	70
5	1,4-Anthracenedione	208	C14H8O2	000635-12-1	53





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Operator : CG/JU
Sample : N5018-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SASP2-T-3-(0-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

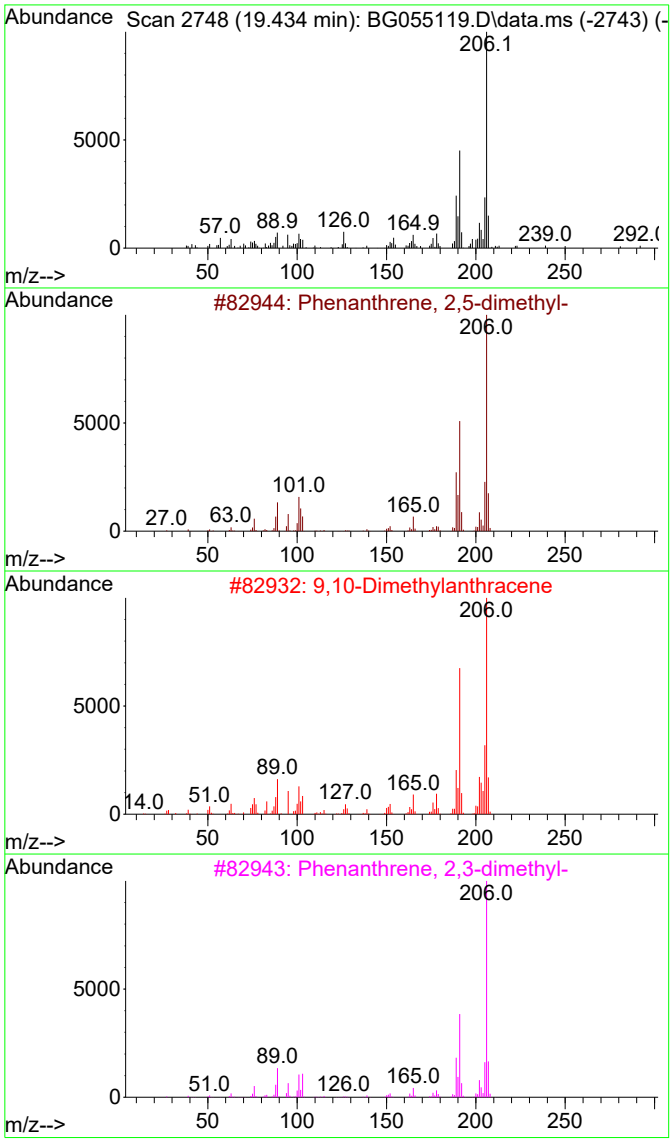
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

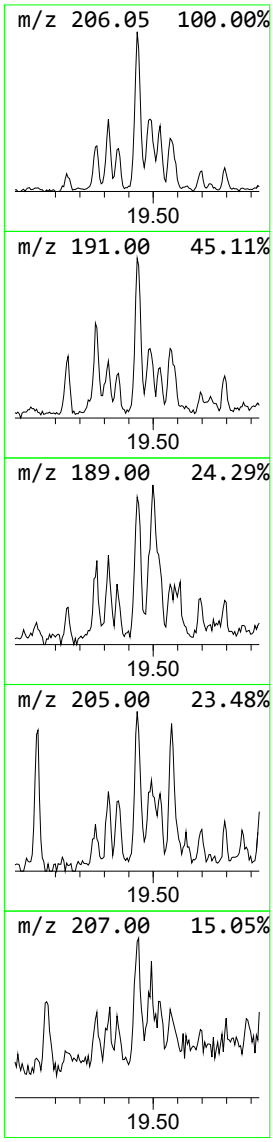
****

Peak Number 9 Phenanthrene, 2,5-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.434	4.38 ng	125606	Phenanthrene-d10	17.671

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	83
4	1-Methyl-3-phenyl-1H-indene	206	C16H14	022360-62-9	81
5	3-Methyl-1-phenyl-1H-indene	206	C16H14	022360-63-0	81





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Operator : CG/JU
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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SASP2-T-3-(0-5)

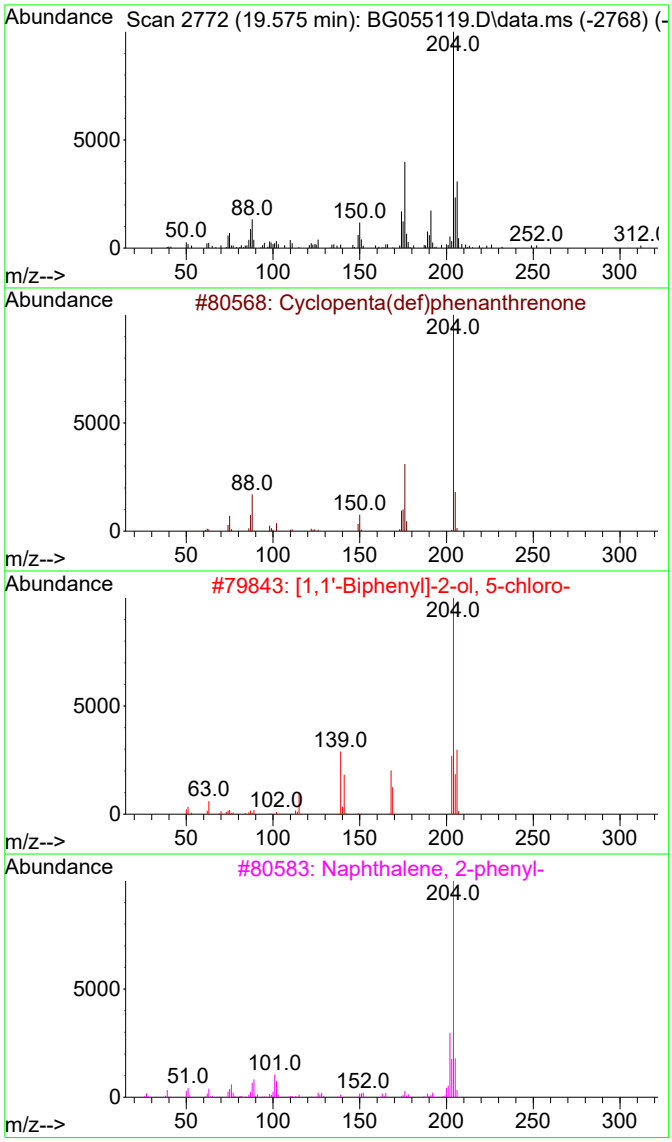
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

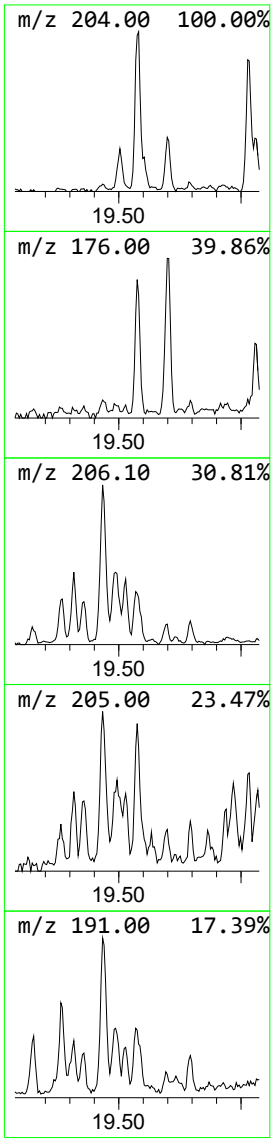
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Cyclopenta(def)phenanthrenone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.575	3.83 ng	109791	Phenanthrene-d10	17.671

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	90
2	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	46
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	43
4	[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	43
5	6-Chloro[1,2,4]triazolo[3,4-a]ph...	204	C9H5ClN4	052494-53-8	43





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Acq On : 10 Oct 2022 19:28
Operator : CG/JU
Sample : N5018-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SASP2-T-3-(0-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

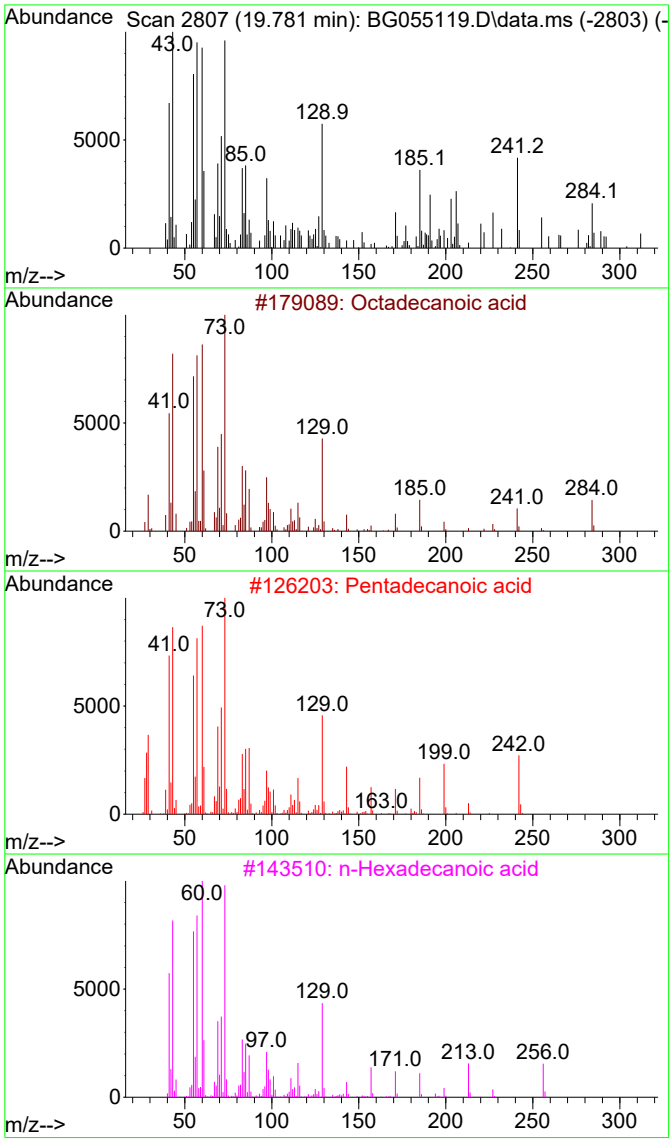
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

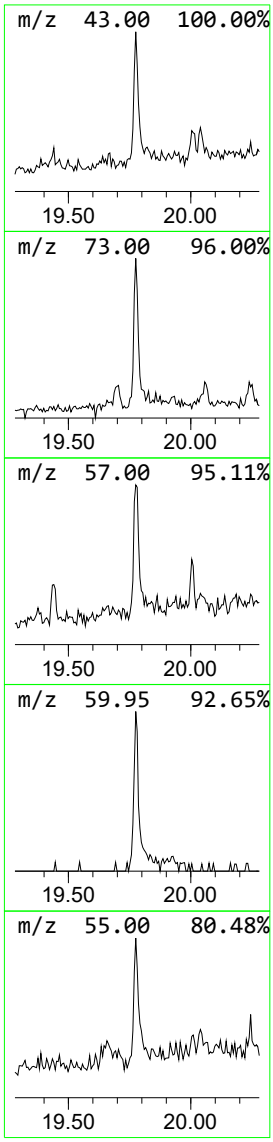
****

Peak Number 11 Octadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.781	3.76 ng	107898	Phenanthrene-d10	17.671

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	83
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	46
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	41
4	Eicosanoic acid	312	C20H40O2	000506-30-9	38
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	38





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Instrument :
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ClientSampleId :
SASP2-T-3-(0-5)

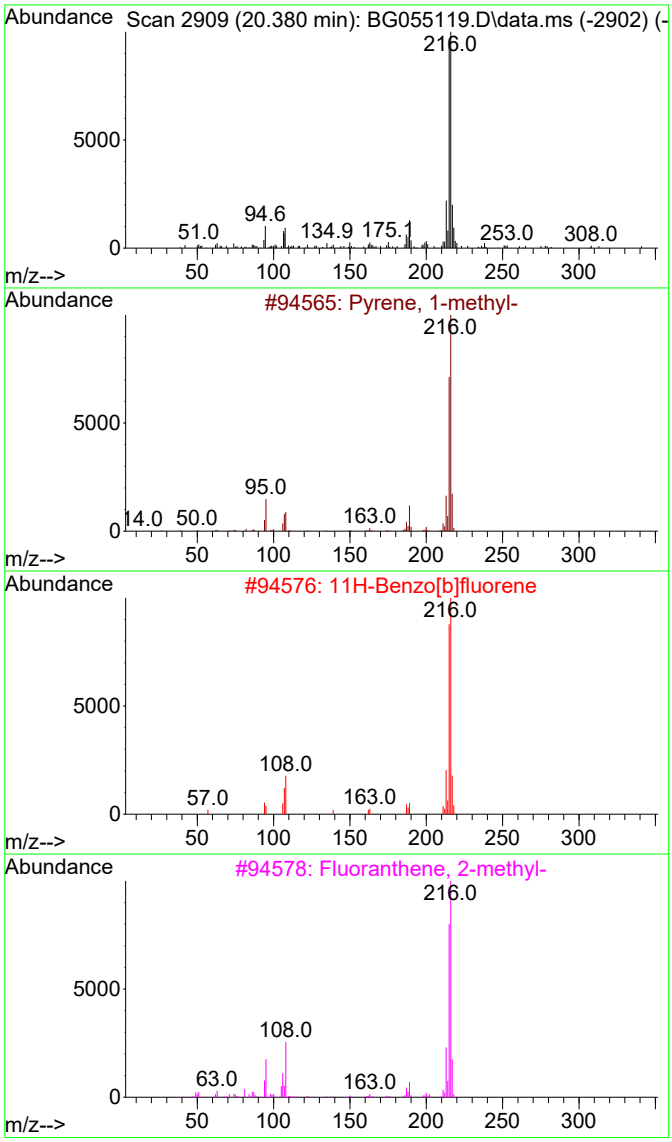
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

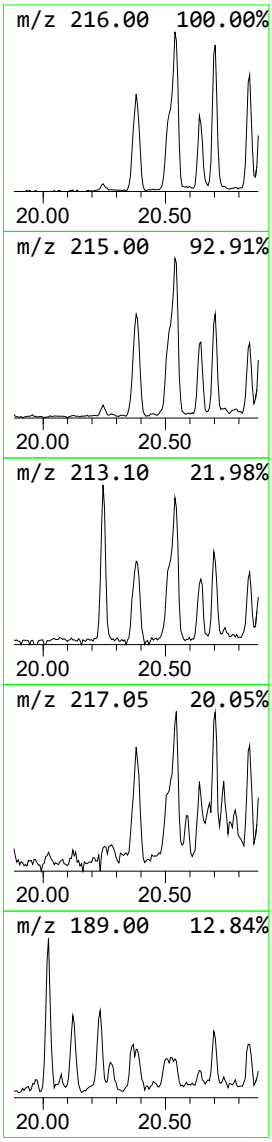
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Pyrene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.380	2.77 ng	161818	Chrysene-d12	21.966

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	83
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81





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Sample : N5018-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SASP2-T-3-(0-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

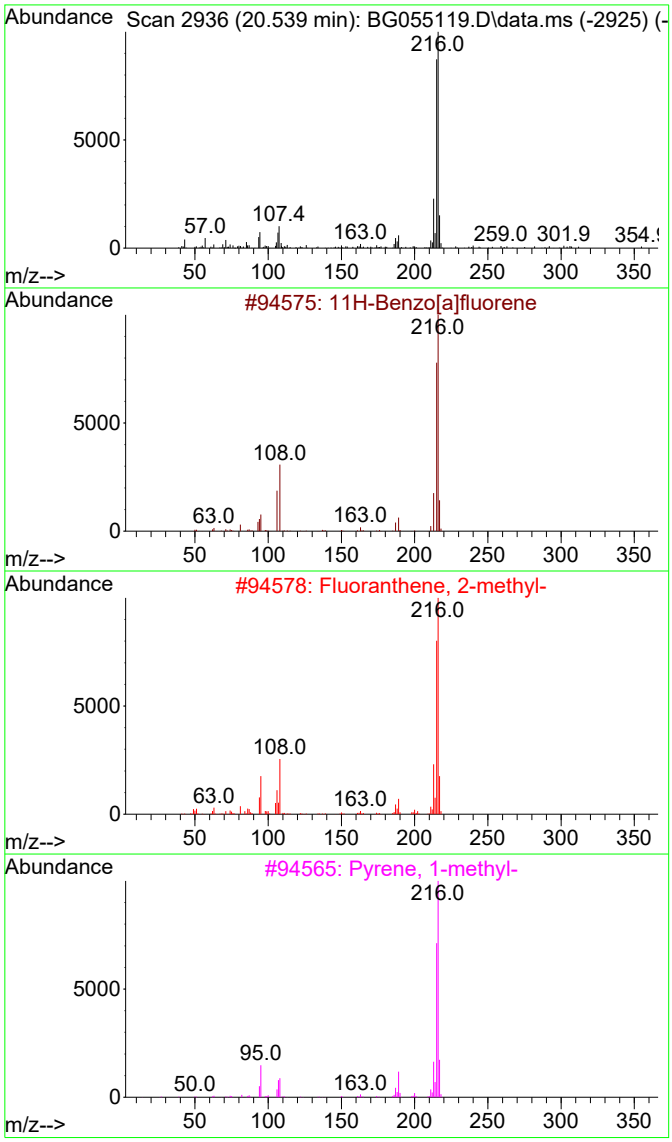
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

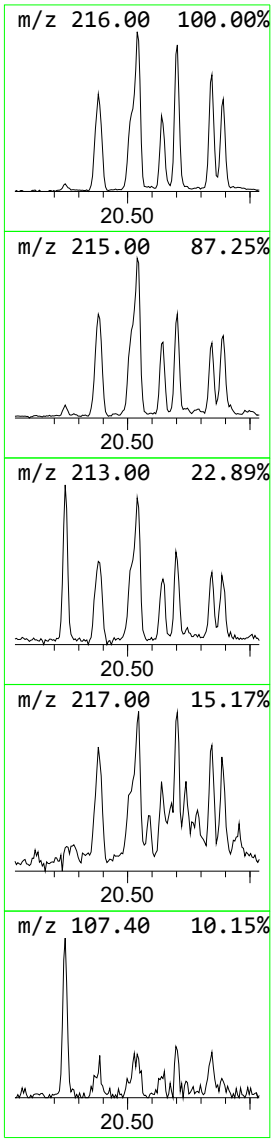
****

Peak Number 13 11H-Benzo[a]fluorene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.539	4.06 ng	236865	Chrysene-d12	21.966

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	87





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Acq On : 10 Oct 2022 19:28
Operator : CG/JU
Sample : N5018-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

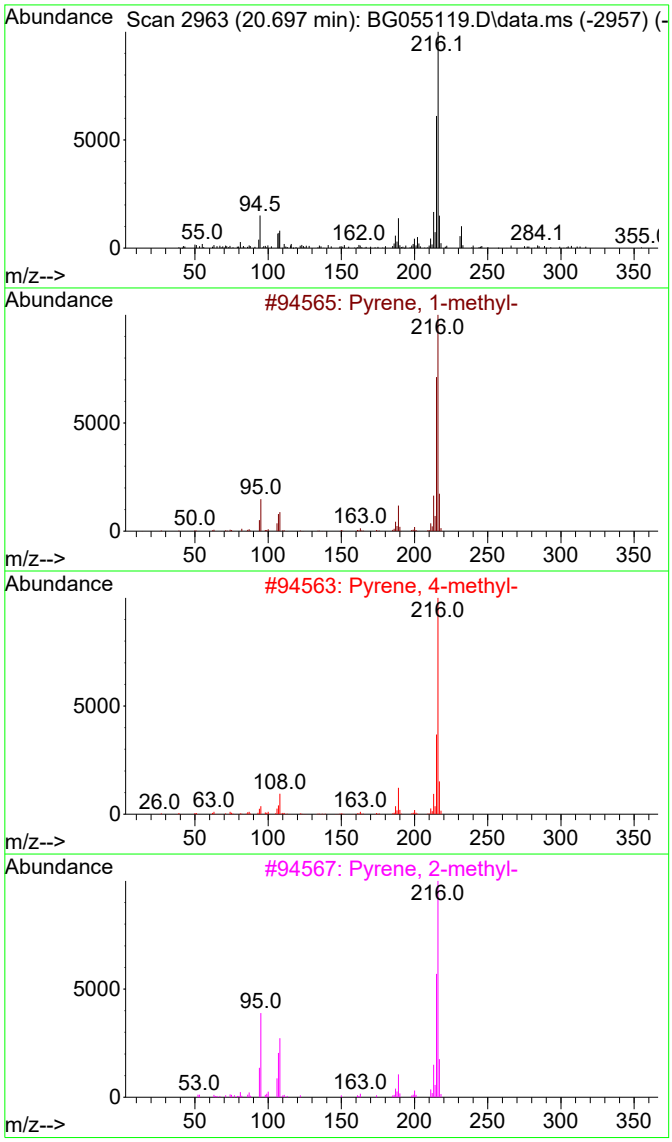
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

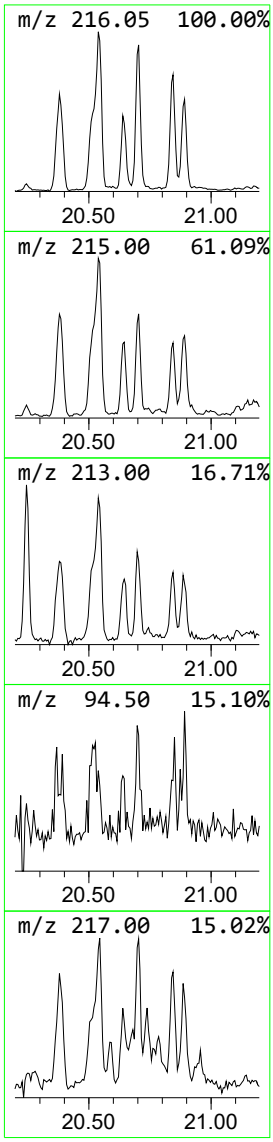
****

Peak Number 14 Pyrene, 4-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.697	2.25 ng	131123	Chrysene-d12	21.966

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	Pyrene, 4-methyl-	216	C17H12	003353-12-6	93
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81





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Operator : CG/JU
Sample : N5018-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SASP2-T-3-(0-5)

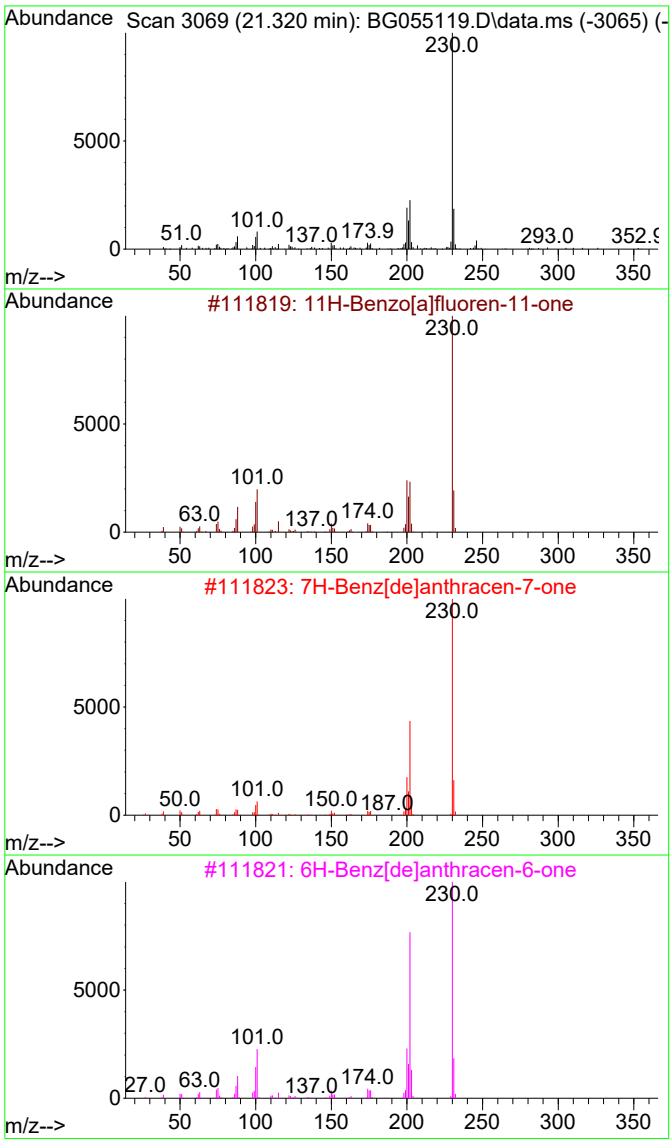
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

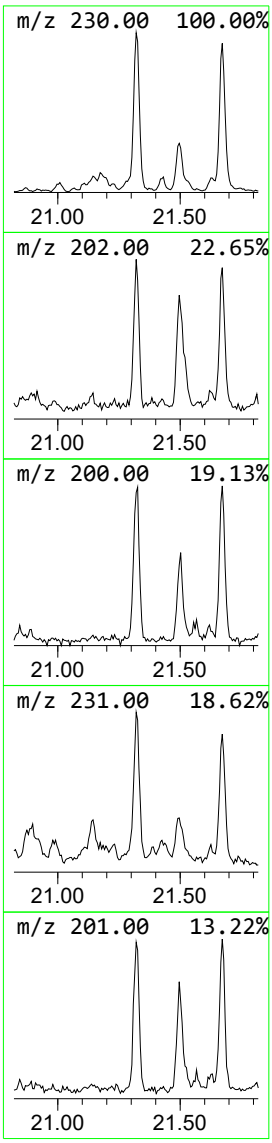
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 11H-Benzo[a]fluoren-11-one Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.320	2.68 ng	156517	Chrysene-d12	21.966

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	97
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	81
4	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	72
5	3H-pyrazol-3-one, 2-(1,3-dihydro...	230	C12H10N2O3	1000396-36-9	58





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Sample : N5018-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SASP2-T-3-(0-5)

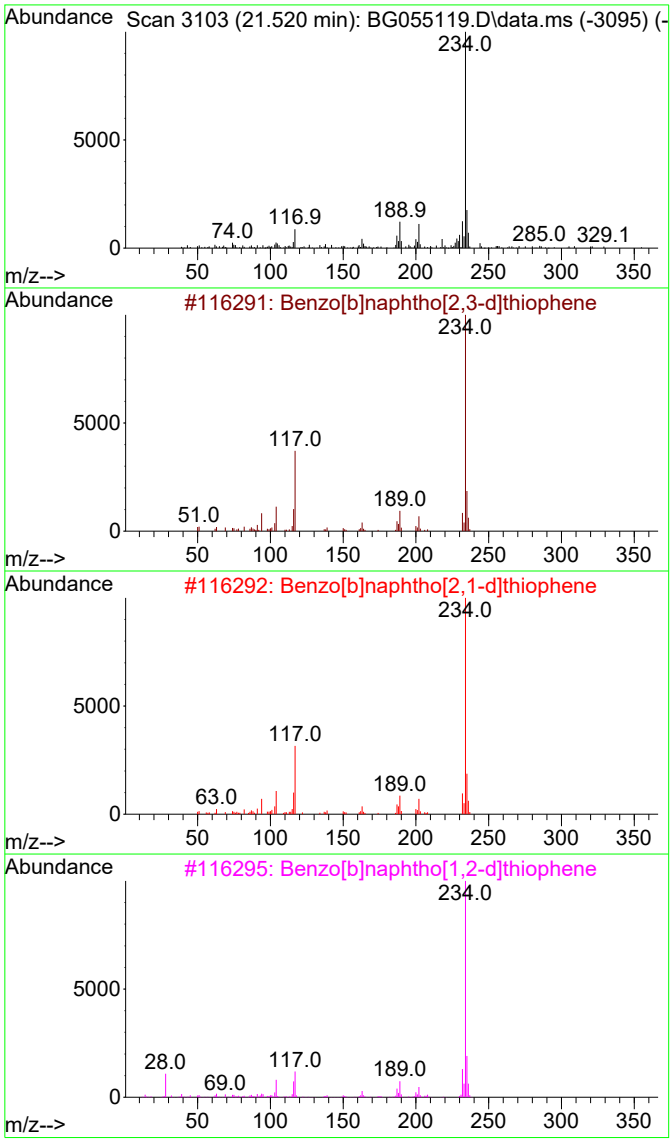
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

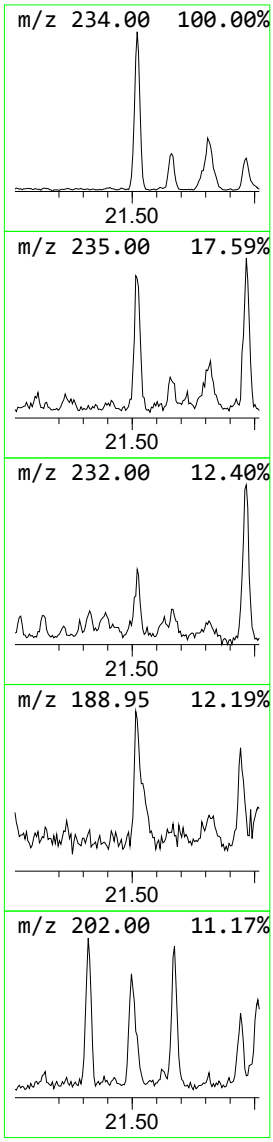
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Benzo[b]naphtho[2,3-d]thiop... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.520	2.59 ng	150755	Chrysene-d12	21.966

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	94
2	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	93
3	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	91
4	Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	87
5	Phenanthro(2,1-b)thiophene	234	C16H10S	000219-25-0	76





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ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

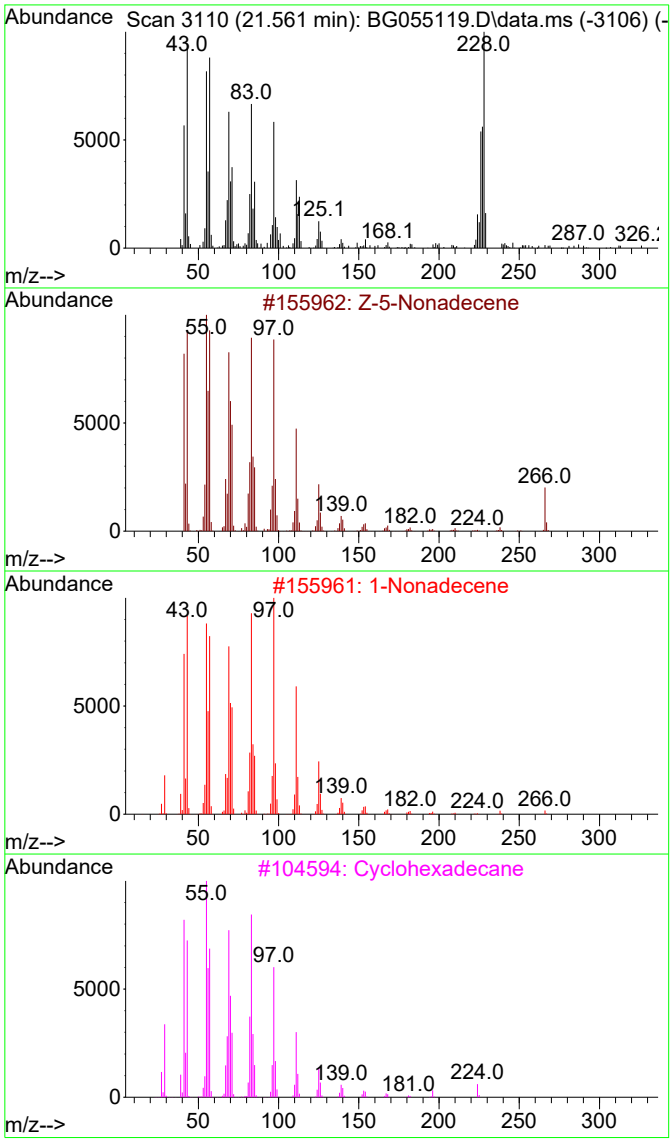
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

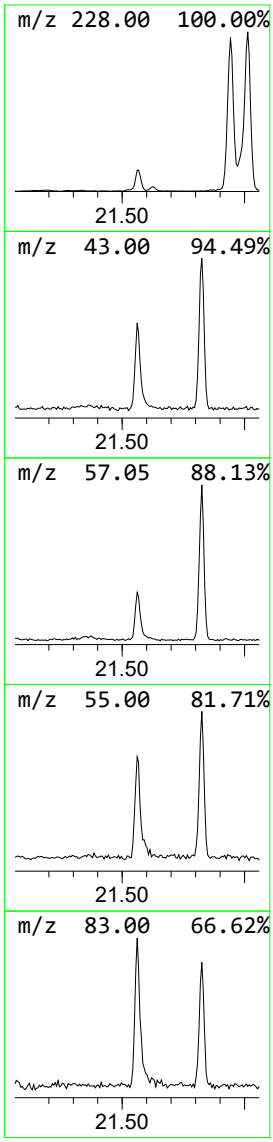
****

Peak Number 17 Z-5-Nonadecene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.561	5.44 ng	317340	Chrysene-d12	21.966

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Z-5-Nonadecene	266	C19H38	1000131-11-8	93
2	1-Nonadecene	266	C19H38	018435-45-5	93
3	Cyclohexadecane	224	C16H32	000295-65-8	76
4	9-Nonadecene	266	C19H38	031035-07-1	70
5	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	51





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ALS Vial : 11 Sample Multiplier: 1

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ClientSampleId :
SASP2-T-3-(0-5)

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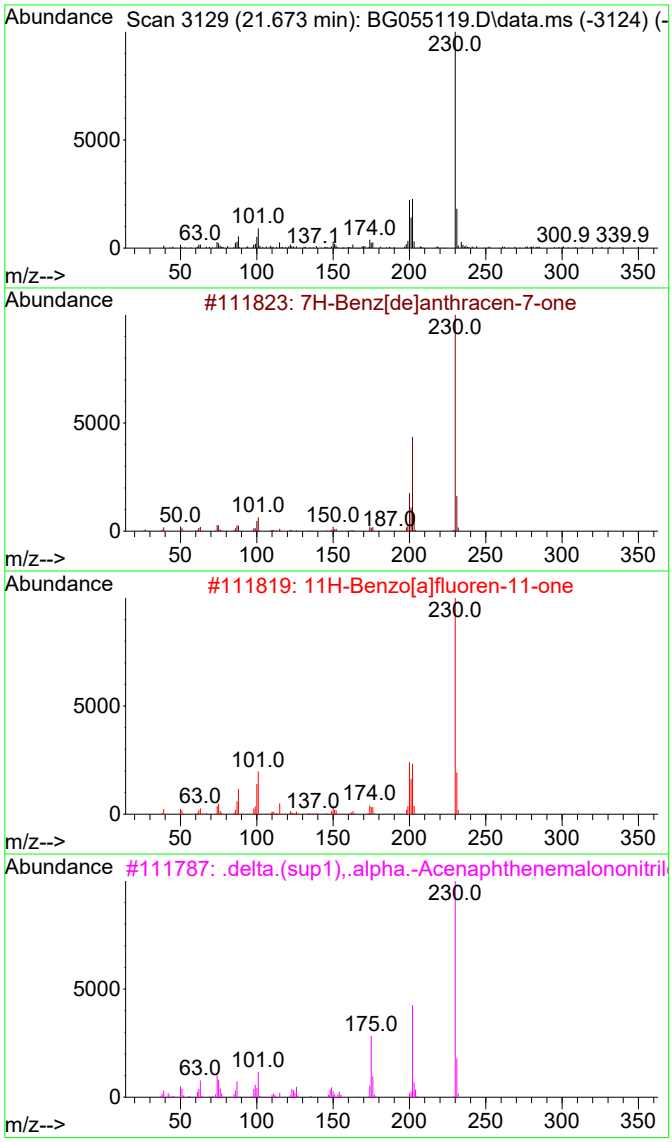
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

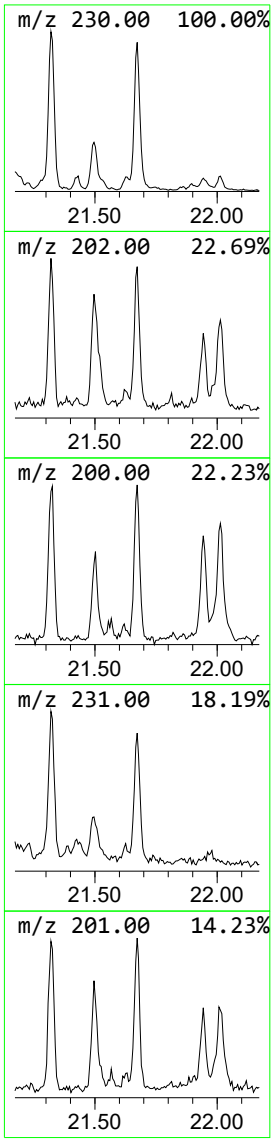
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 7H-Benz[de]anthracen-7-one Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.673	3.17 ng	185100	Chrysene-d12	21.966

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	93
2	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	64
3	.delta.(sup1),.alpha.-Acenaphthe...	230	C15H6N2O	014619-86-4	59
4	o-Terphenyl	230	C18H14	000084-15-1	58
5	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	56





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Data File : BG055119.D
Acq On : 10 Oct 2022 19:28
Operator : CG/JU
Sample : N5018-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SASP2-T-3-(0-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

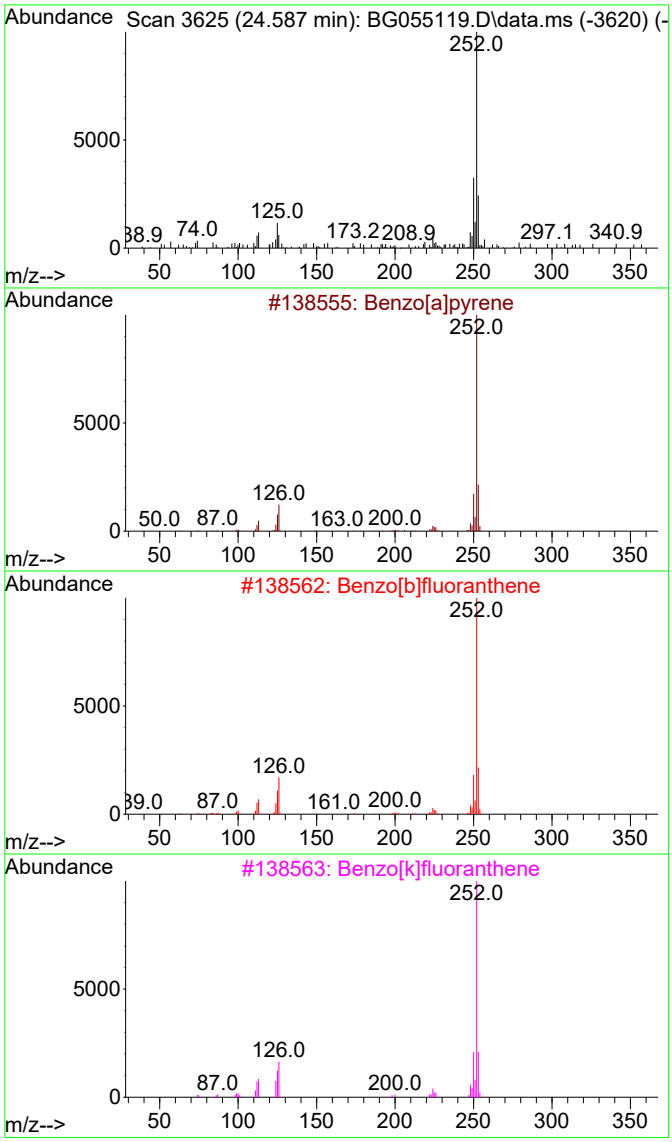
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

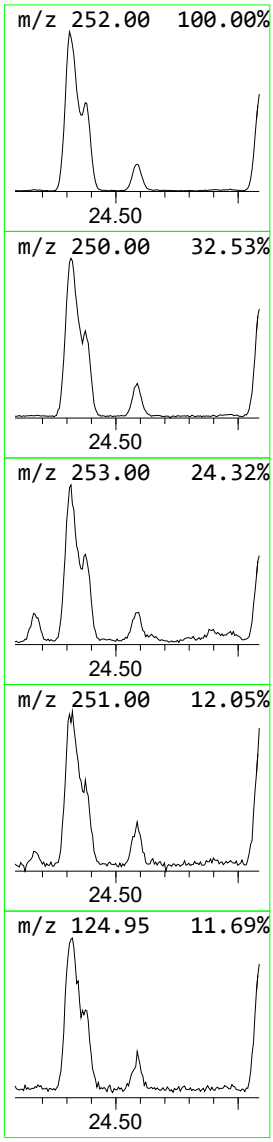
****

Peak Number 19 Benzo[e]pyrene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.587	2.63 ng	81855	Perylene-d12	25.415

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[a]pyrene	252	C20H12	000050-32-8	93
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
4	Benzo[e]pyrene	252	C20H12	000192-97-2	90
5	Perylene	252	C20H12	000198-55-0	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101022\
Data File : BG055119.D
Acq On : 10 Oct 2022 19:28
Operator : CG/JU
Sample : N5018-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SASP2-T-3-(0-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100322.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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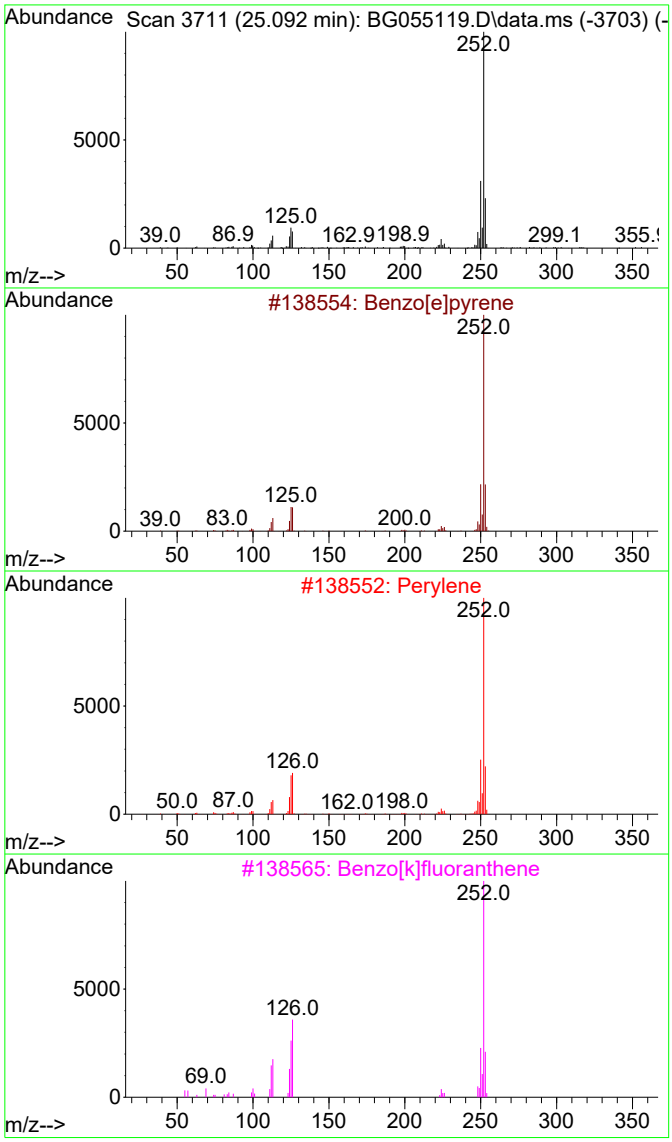
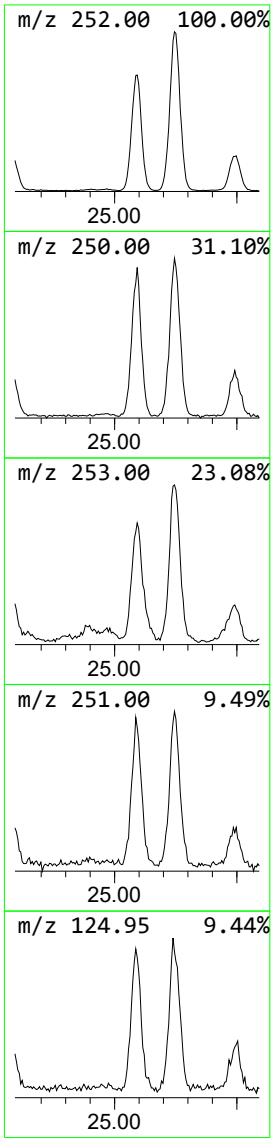
Peak Number 20 Perylene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.092	13.43 ng	417307	Perylene-d12	25.415

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	95
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
4	Benzo[a]pyrene	252	C20H12	000050-32-8	91
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101022\
Data File : BG055119.D
Acq On : 10 Oct 2022 19:28
Operator : CG/JU
Sample : N5018-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SASP2-T-3-(0-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100322.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...	3.365	51.3	ng	536752	1	8.329	209287	20.0
2-Pentanone, 4-...	5.374	24.2	ng	253424	1	8.329	209287	20.0
Phenanthrene, 2...	18.529	11.2	ng	321677	4	17.671	573707	20.0
5H-Dibenzo[a,d]...	18.588	6.2	ng	176362	4	17.671	573707	20.0
4H-Cyclopenta[d...	18.729	7.8	ng	222286	4	17.671	573707	20.0
Anthracene, 1-m...	18.764	3.1	ng	88862	4	17.671	573707	20.0
Naphthalene, 2-...	19.023	3.6	ng	104352	4	17.671	573707	20.0
9,10-Anthracene...	19.064	3.5	ng	101953	4	17.671	573707	20.0
Phenanthrene, 2...	19.434	4.4	ng	125606	4	17.671	573707	20.0
Cyclopenta(def)...	19.575	3.8	ng	109791	4	17.671	573707	20.0
Octadecanoic acid	19.781	3.8	ng	107898	4	17.671	573707	20.0
Pyrene, 1-methyl-	20.380	2.8	ng	161818	5	21.966	1166320	20.0
11H-Benzo[a]flu...	20.539	4.1	ng	236865	5	21.966	1166320	20.0
Pyrene, 4-methyl-	20.697	2.3	ng	131123	5	21.966	1166320	20.0
11H-Benzo[a]flu...	21.320	2.7	ng	156517	5	21.966	1166320	20.0
Benzo[b]naphtho...	21.520	2.6	ng	150755	5	21.966	1166320	20.0
Z-5-Nonadecene	21.561	5.4	ng	317340	5	21.966	1166320	20.0
7H-Benz[de]anth...	21.673	3.2	ng	185100	5	21.966	1166320	20.0
Benzo[e]pyrene	24.587	2.6	ng	81855	6	25.415	621649	20.0
Perylene	25.092	13.4	ng	417307	6	25.415	621649	20.0