LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110722\
Data File : BG055498.D
Acq On : 8 Nov 2022 5:09
Operator : CG/JU
Sample : N5481-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : VNJ-231

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-BG110122.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG055498.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.115	337	345	354	rBV	86815	133688	5.45%	0.426%
2	5.608	422	429	443	rBV	471577	743056	30.26%	2.366%
3	7.248	700	708	717	rBV	475704	814876	33.19%	2.594%
4	8.082	844	850	857	rBV	120249	193050	7.86%	0.615%
5	9.263	1043	1051	1066	rBV	294824	524836	21.38%	1.671%
6	10.908	1323	1331	1337	rBV	180706	311788	12.70%	0.993%
7	12.559	1606	1612	1618	rVB	19578	28629	1.17%	0.091%
8	13.346	1737	1746	1753	rBV	965126	1461972	59.55%	4.655%
9	14.451	1928	1934	1949	rBV	28304	61962	2.52%	0.197%
10	14.721	1974	1980	1986	rVV	300922	440266	17.93%	1.402%
11	14.786	1986	1991	1999	rVB	88147	133723	5.45%	0.426%
12	15.115	2041	2047	2054	rVB	44307	64924	2.64%	0.207%
13	15.761	2151	2157	2164	rBV	46791	72708	2.96%	0.231%
14	16.208	2226	2233	2242	rBV	727229	1123568	45.76%	3.577%
15	16.443	2267	2273	2278	rVB4	18091	34230	1.39%	0.109%
16	16.766	2317	2328	2331	rBV3	14411	33915	1.38%	0.108%
17	17.030	2369	2373	2380	rVV4	12172	26130	1.06%	0.083%
18	17.118	2382	2388	2395	rVV3	33005	69805	2.84%	0.222%
19	17.183	2395	2399	2407	rVV4	17635	41129	1.68%	0.131%
20	17.277	2411	2415	2422	rVB	24272	37830	1.54%	0.120%
21	17.459	2440	2446	2449	rBV	359870	515703	21.00%	1.642%
22	17.500	2449	2453	2460	rVV	405607	591776	24.10%	1.884%
23	17.594	2460	2469	2473	rVV	81866	134488	5.48%	0.428%
24	17.653	2473	2479	2484	rVB2	12202	27182	1.11%	0.087%
25	17.859	2507	2514	2521	rBV2	48293	97327	3.96%	0.310%
26	17.970	2529	2533	2539	rBV	18632	26368	1.07%	0.084%
27	18.035	2539	2544	2550	rBV2	14472	25567	1.04%	0.081%
28	18.094	2550	2554	2558	rBV	28759	34624	1.41%	0.110%
29	18.329	2588	2594	2598	rBV	105086	155532	6.33%	0.495%
30	18.376	2598	2602	2608	rVB	105302	159486	6.50%	0.508%
31	18.458	2608	2616	2621	rBV	35749	57255	2.33%	0.182%
32	18.529	2621	2628	2631	rBV2	138615	253117	10.31%	0.806%
33	18.558	2631	2633	2638	rVB	55381	71584	2.92%	0.228%
34	18.822	2673	2678	2682	rBV	56338	80420	3.28%	0.256%
35	18.869	2682	2686	2692	rVB	77834	115041	4.69%	0.366%
36	19.063	2716	2719	2724	rVB	27938	34311	1.40%	0.109%

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Sample : N5481-01
Misc :
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Instrument :
BNA_G
ClientSampleId :
VNJ-231

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-BG110122.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	19.116	2724	2728	2731	rBV	23646	29099	1.19%	0.093%
38	19.151	2731	2734	2738	rVB	22284	24765	1.01%	0.079%
39	19.234	2743	2748	2755	rBV2	65612	137107	5.58%	0.437%
40	19.386	2768	2774	2781	rBV	124141	210172	8.56%	0.669%
41	19.504	2787	2794	2799	rBV	1349915	1854570	75.54%	5.905%
42	19.557	2799	2803	2806	rVV	21513	26109	1.06%	0.083%
43	19.598	2806	2810	2814	rVB2	42864	62006	2.53%	0.197%
44	19.651	2815	2819	2823	rVV	40399	57630	2.35%	0.183%
45	19.692	2823	2826	2829	rVV3	24225	35963	1.46%	0.115%
46	19.745	2832	2835	2843	rVV2	50038	114895	4.68%	0.366%
47	19.827	2844	2849	2851	rVV	223658	328120	13.36%	1.045%
48	19.862	2851	2855	2862	rVV	1152929	1704916	69.44%	5.428%
49	19.927	2862	2866	2872	rVB2	74454	108741	4.43%	0.346%
50	20.050	2880	2887	2892	rBV	1493759	1960448	79.85%	6.242%
51	20.103	2892	2896	2902	rVB	56214	97265	3.96%	0.310%
52	20.180	2903	2909	2916	rBV3	120477	293151	11.94%	0.933%
53	20.350	2926	2938	2943	rBV2	223173	566705	23.08%	1.804%
54	20.444	2950	2954	2958	rBV	147033	205411	8.37%	0.654%
55	20.509	2958	2965	2968	rVV2	146916	292080	11.90%	0.930%
56	20.538	2968	2970	2974	rVV	59323	68262	2.78%	0.217%
57	20.579	2974	2977	2982	rVB3	32900	47012	1.91%	0.150%
58	20.644	2984	2988	2992	rBV	111396	160936	6.55%	0.512%
59	20.691	2993	2996	3003	rVB2	99299	143295	5.84%	0.456%
60	20.773	3007	3010	3013	rBV3	35585	49753	2.03%	0.158%
61	21.061	3056	3059	3063	rBV2	35015	49029	2.00%	0.156%
62	21.114	3063	3068	3074	rVB	154518	231476	9.43%	0.737%
63	21.296	3094	3099	3102	rBV3	134996	218913	8.92%	0.697%
64	21.337	3102	3106	3110	rVV	150779	250060	10.19%	0.796%
65	21.390	3110	3115	3119	rVV2	177256	300221	12.23%	0.956%
66	21.449	3122	3125	3136	rVB	136528	232436	9.47%	0.740%
67	21.572	3142	3146	3153	rVB	143264	220629	8.99%	0.702%
68	21.707	3162	3169	3176	rBV2	756991	2100298	85.55%	6.687%
69	21.766	3176	3179	3191	rVB	694688	1166450	47.51%	3.714%
70	21.919	3201	3205	3209	rBV	112221	202867	8.26%	0.646%
71	21.989	3215	3217	3222	rVB3	49483	64570	2.63%	0.206%
72	22.130	3235	3241	3247	rBV3	97479	202127	8.23%	0.644%
73	22.201	3248	3253	3257	rVV5	38625	71810	2.92%	0.229%
74	22.453	3292	3296	3303	rVB	121237	220782	8.99%	0.703%
75	22.530	3305	3309	3317	rVB2	87839	201543	8.21%	0.642%
76	22.735	3339	3344	3347	rBV2	77079	135701	5.53%	0.432%

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Sample : N5481-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
VNJ-231

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-BG110122.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	22.870	3361	3367	3375	rVB2	62155	135167	5.51%	0.430%
78	23.957	3541	3552	3558	rBV	736496	2455177	100.00%	7.817%
79	24.210	3588	3595	3605	rVB	137468	337491	13.75%	1.075%
80	24.686	3667	3676	3689	rVB	413461	1229530	50.08%	3.915%
81	24.839	3692	3702	3713	rBV	544331	1522752	62.02%	4.848%
82	24.986	3720	3727	3734	rBV2	179324	482696	19.66%	1.537%
83	25.062	3735	3740	3756	rVB2	155105	506038	20.61%	1.611%
84	28.746	4355	4367	4384	rVB2	189463	936242	38.13%	2.981%
85	29.915	4558	4566	4589	rVB2	132626	624115	25.42%	1.987%

Sum of corrected areas: 31408397

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110722\
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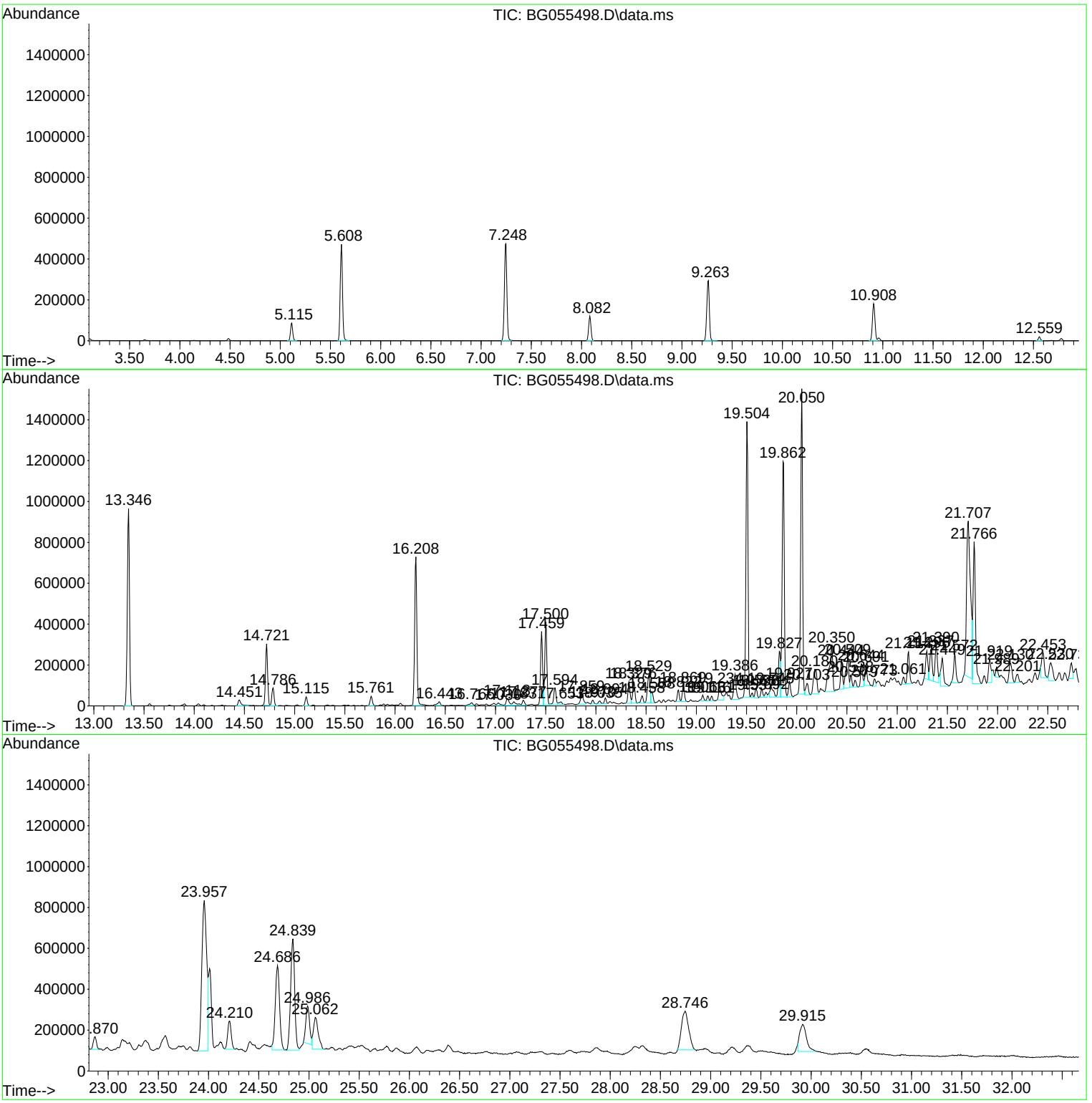
Instrument :
BNA_G
ClientSampleId :
VNJ-231

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110122.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\BG110722\
Data File : BG055498.D
Acq On : 8 Nov 2022 5:09
Operator : CG/JU
Sample : N5481-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
VNJ-231

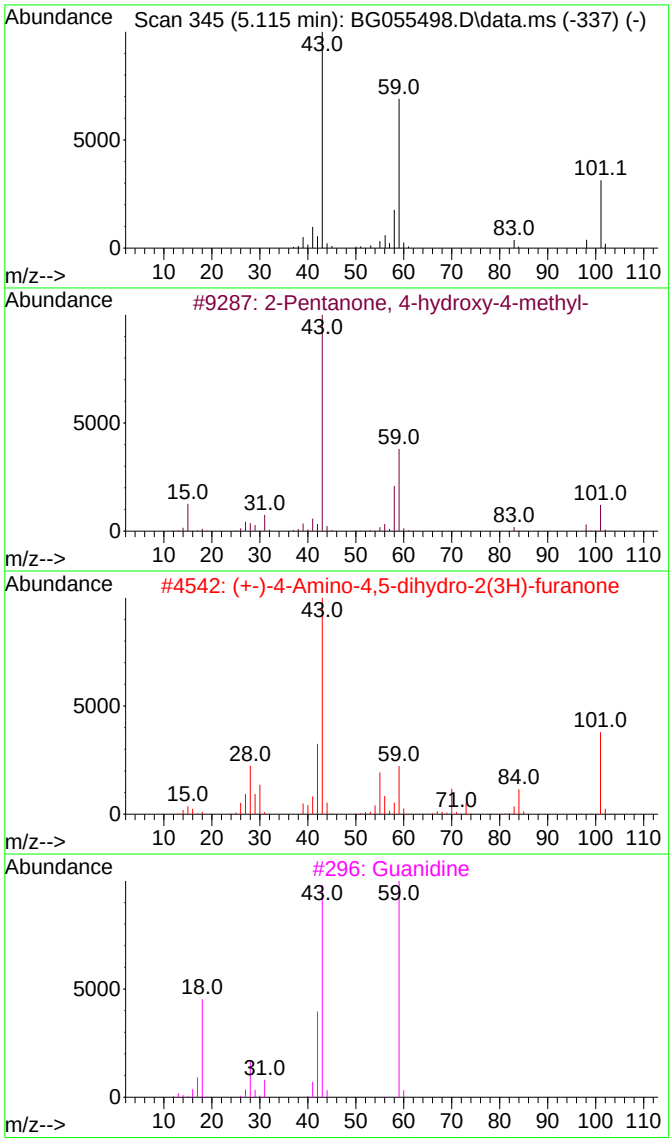
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

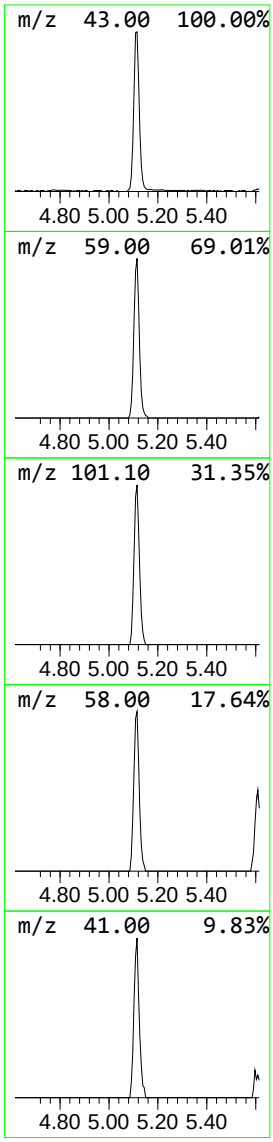
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.115	13.85 ng	133688	1,4-Dichlorobenzene-d4	8.082

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	47
3	Guanidine	59	CH5N3	000113-00-8	43
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
5	Propanamide, N-ethyl-	101	C5H11NO	005129-72-6	10





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110722\
Data File : BG055498.D
Acq On : 8 Nov 2022 5:09
Operator : CG/JU
Sample : N5481-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
VNJ-231

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

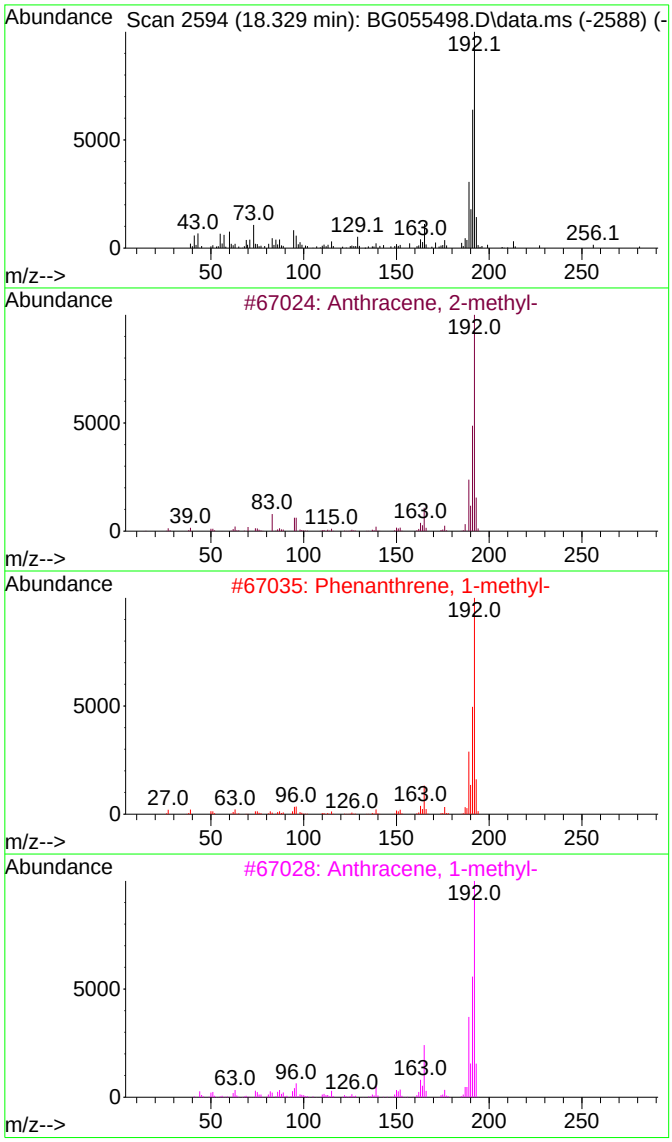
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

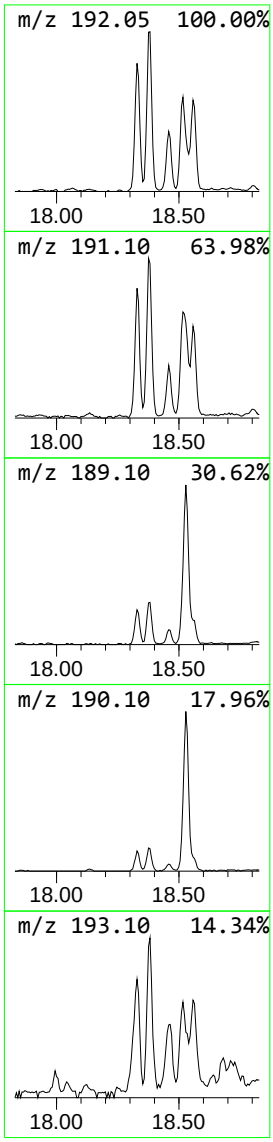
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.329	6.03 ng	155532	Phenanthrene-d10	17.459

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	92
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110722\
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Sample : N5481-01
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ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VNJ-231

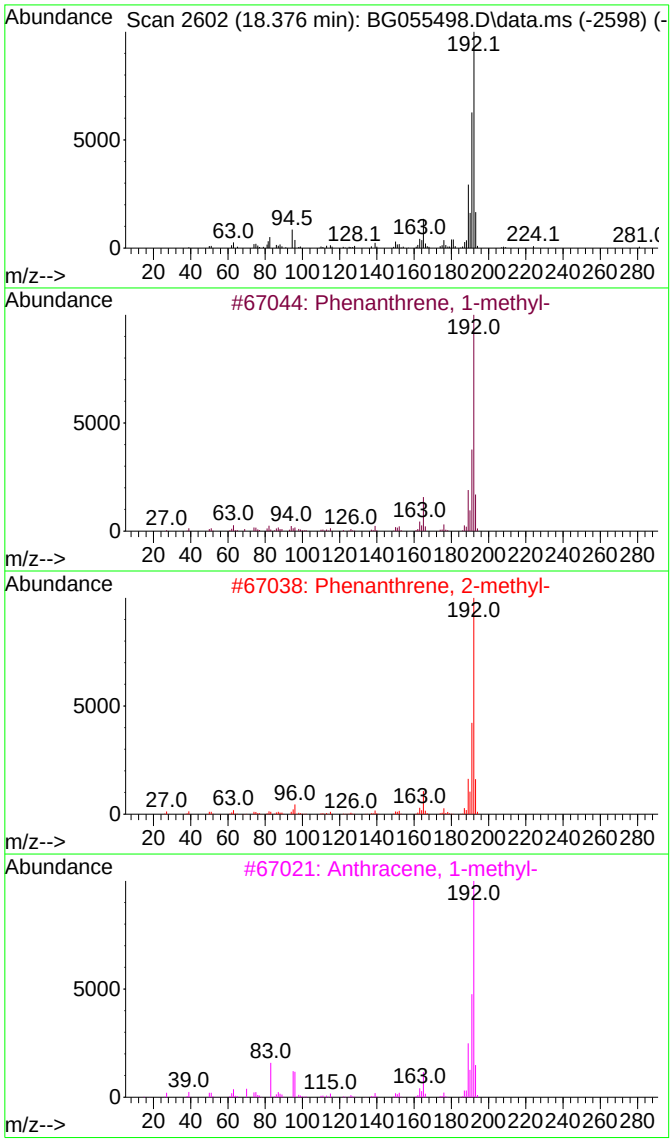
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

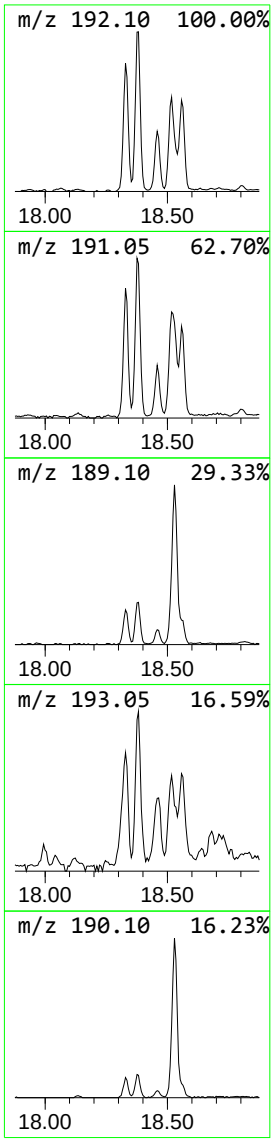
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Phenanthrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.376	6.19 ng	159486	Phenanthrene-d10	17.459

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	92
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110722\
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Sample : N5481-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

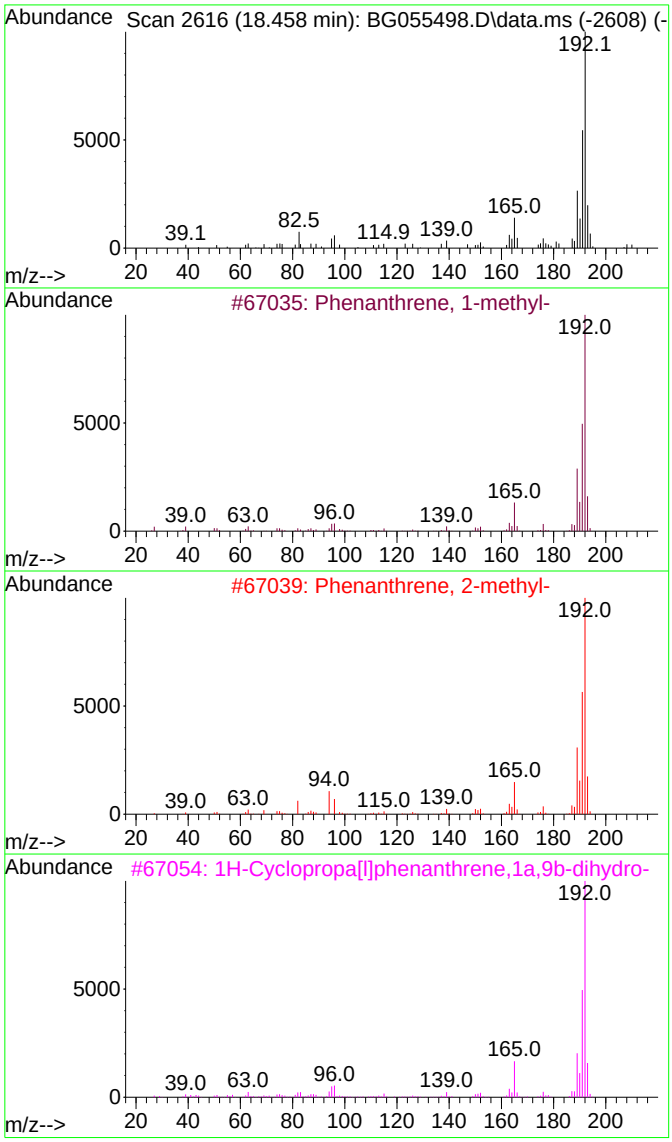
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

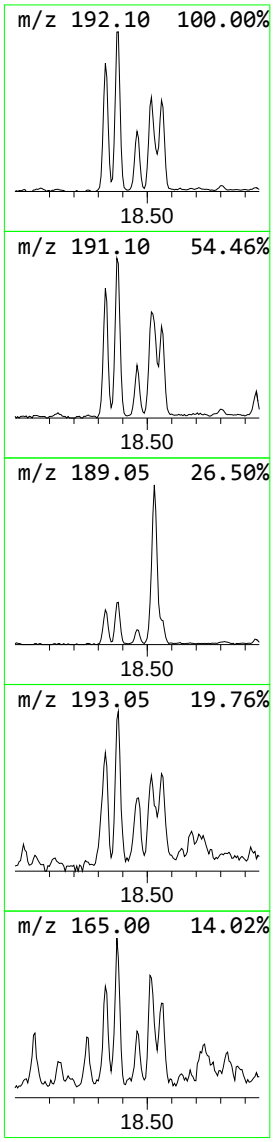
****

Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.458	2.22 ng	57255	Phenanthrene-d10	17.459

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93





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Acq On : 8 Nov 2022 5:09
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Sample : N5481-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
VNJ-231

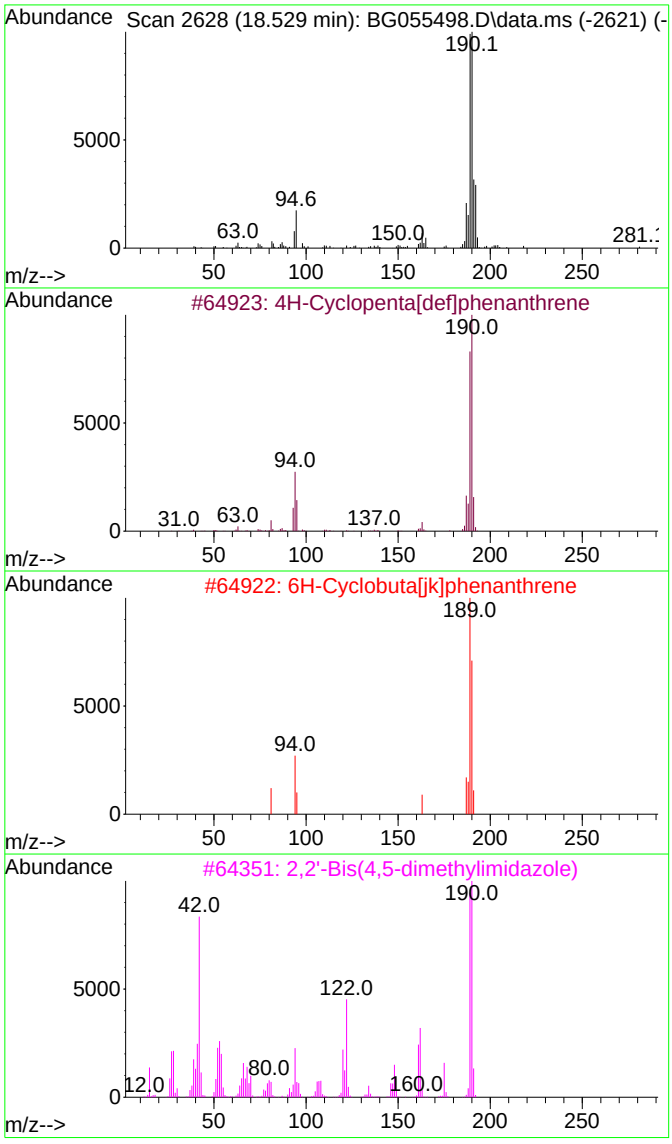
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

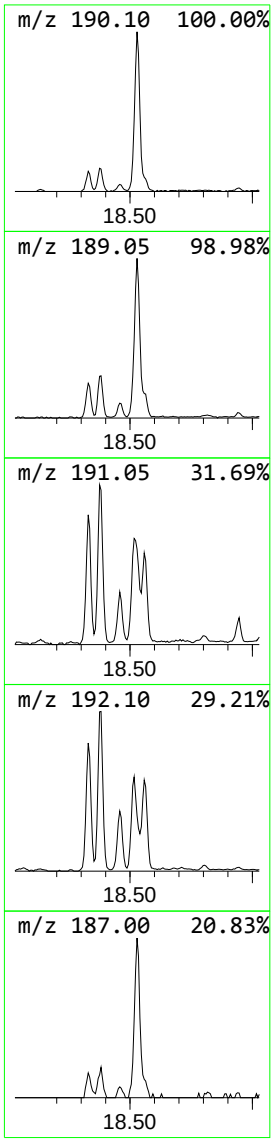
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.529	9.82 ng	253117	Phenanthrene-d10	17.459

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	83
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42
4	3-Chloroquinoxaline-2-carbonitrile	189	C9H4ClN3	040254-89-5	27
5	1-Aminocyclopentanecarboxylic ac...	361	C18H32ClNO4	1000329-17-0	27





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110722\
Data File : BG055498.D
Acq On : 8 Nov 2022 5:09
Operator : CG/JU
Sample : N5481-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
VNJ-231

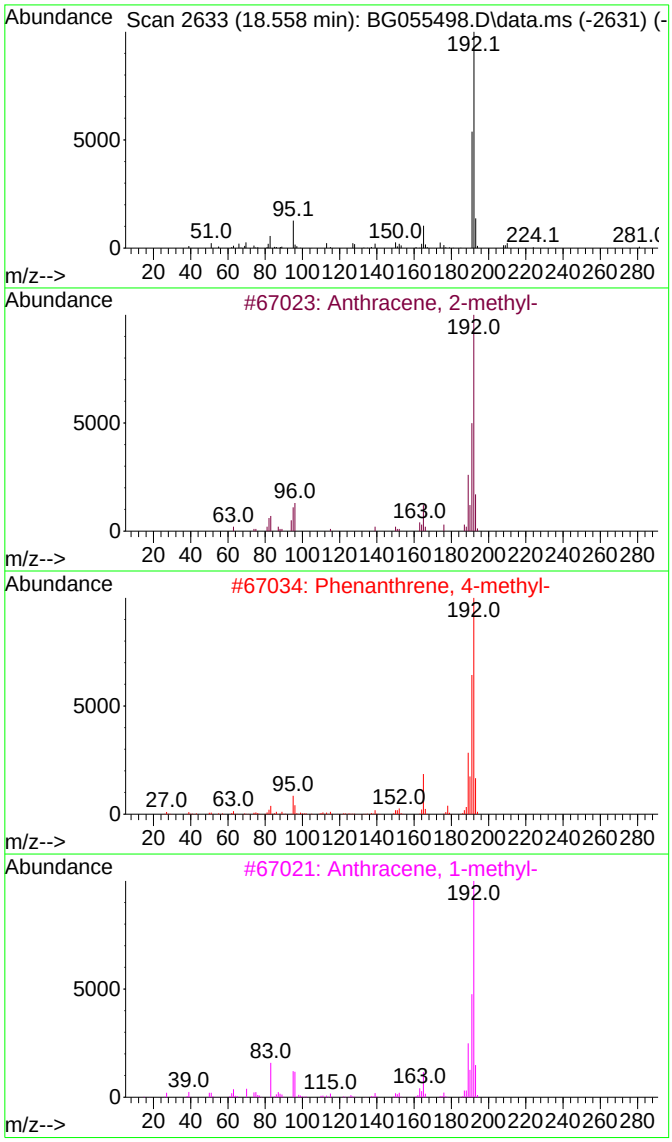
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

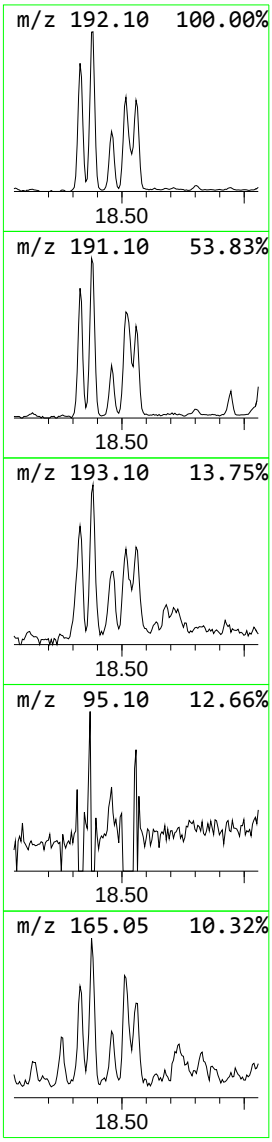
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Phenanthrene, 4-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.558	2.78 ng	71584	Phenanthrene-d10	17.459

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	87
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	87
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	86





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Acq On : 8 Nov 2022 5:09
Operator : CG/JU
Sample : N5481-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
VNJ-231

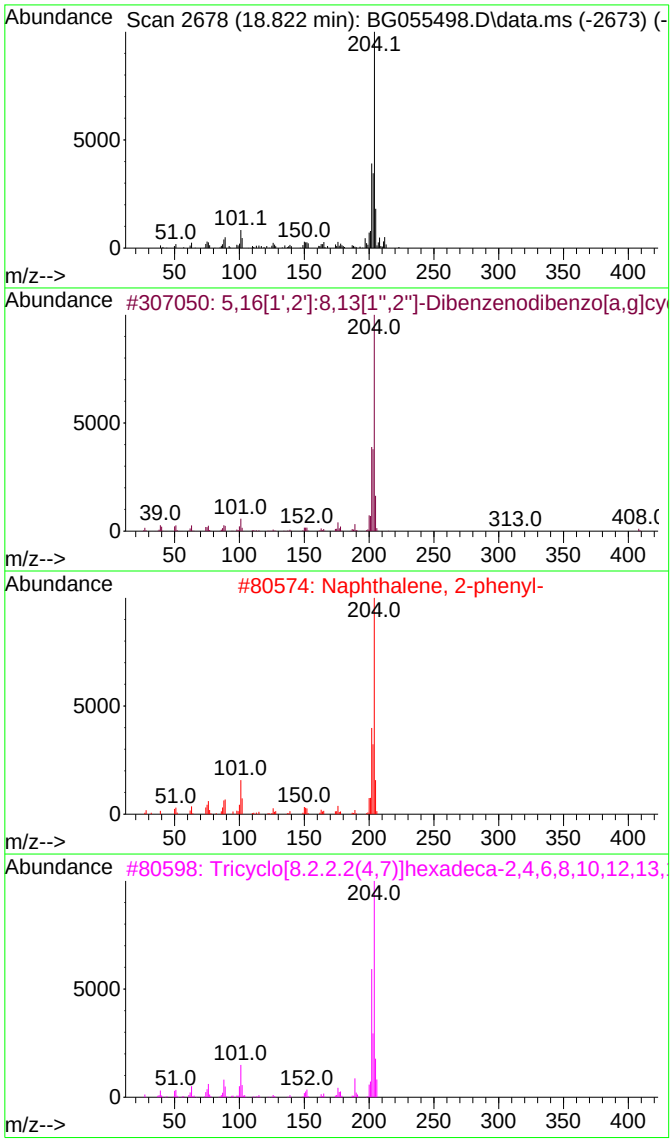
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

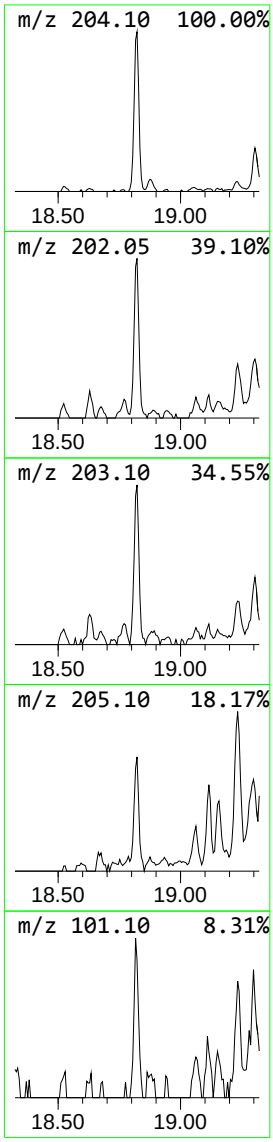
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.822	3.12 ng	80420	Phenanthrene-d10	17.459

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	83
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	58
4	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	53
5	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	50





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Sample : N5481-01
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ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VNJ-231

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

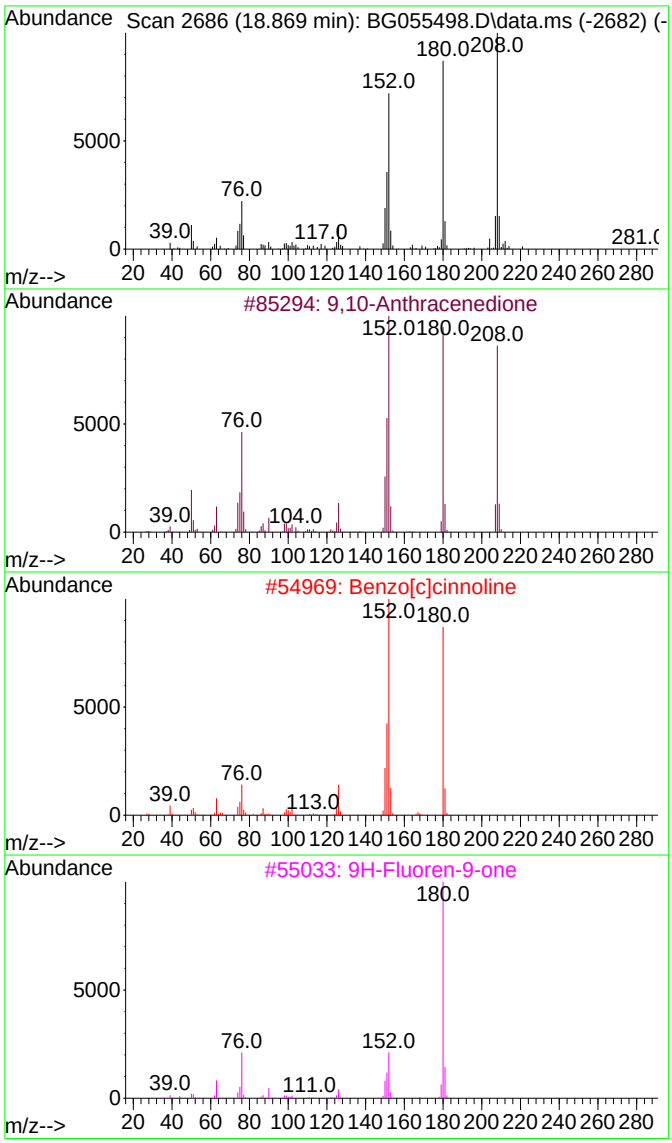
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

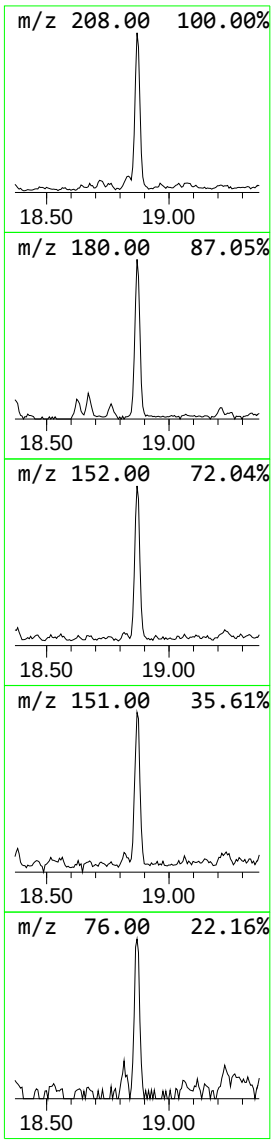
****

Peak Number 8 9,10-Anthracenedione Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.869	4.46 ng	115041	Phenanthrene-d10	17.459

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	95
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	78
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	60
5	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	53





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

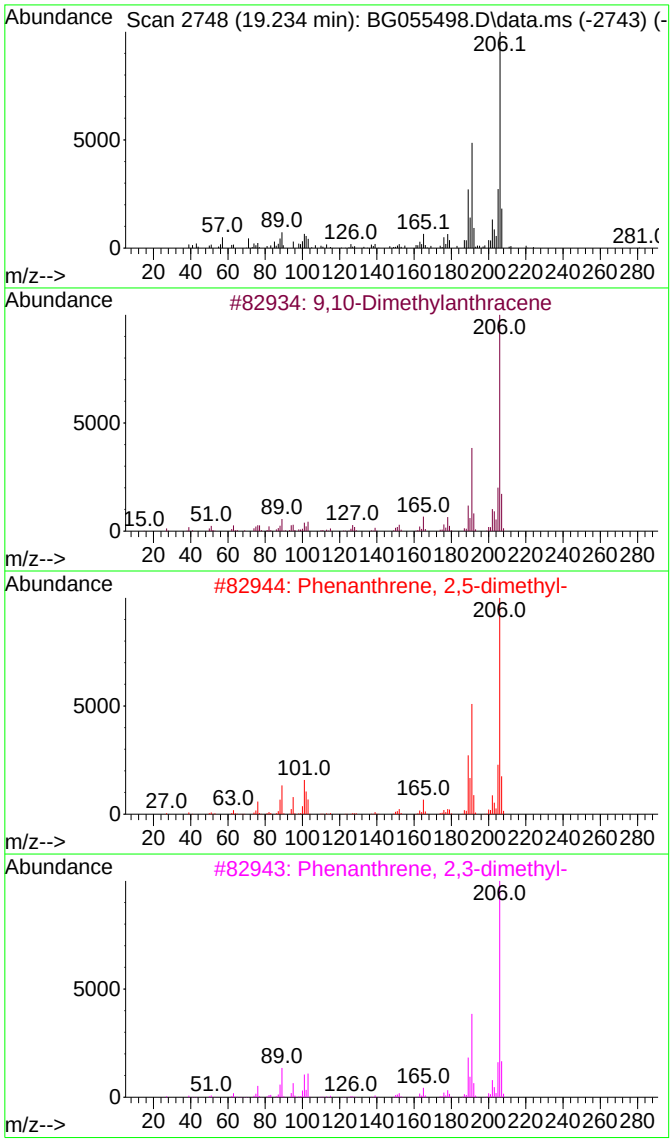
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

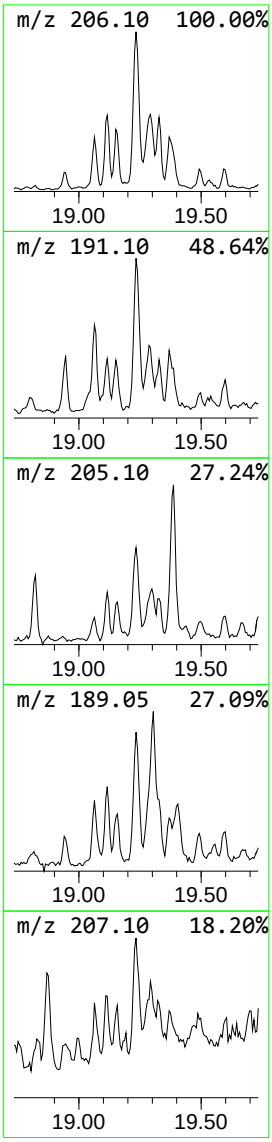
****

Peak Number 9 9,10-Dimethylanthracene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.234	5.32 ng	137107	Phenanthrene-d10	17.459

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	96
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	94
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	83
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	81
5	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	81





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Instrument :
BNA_G
ClientSampleId :
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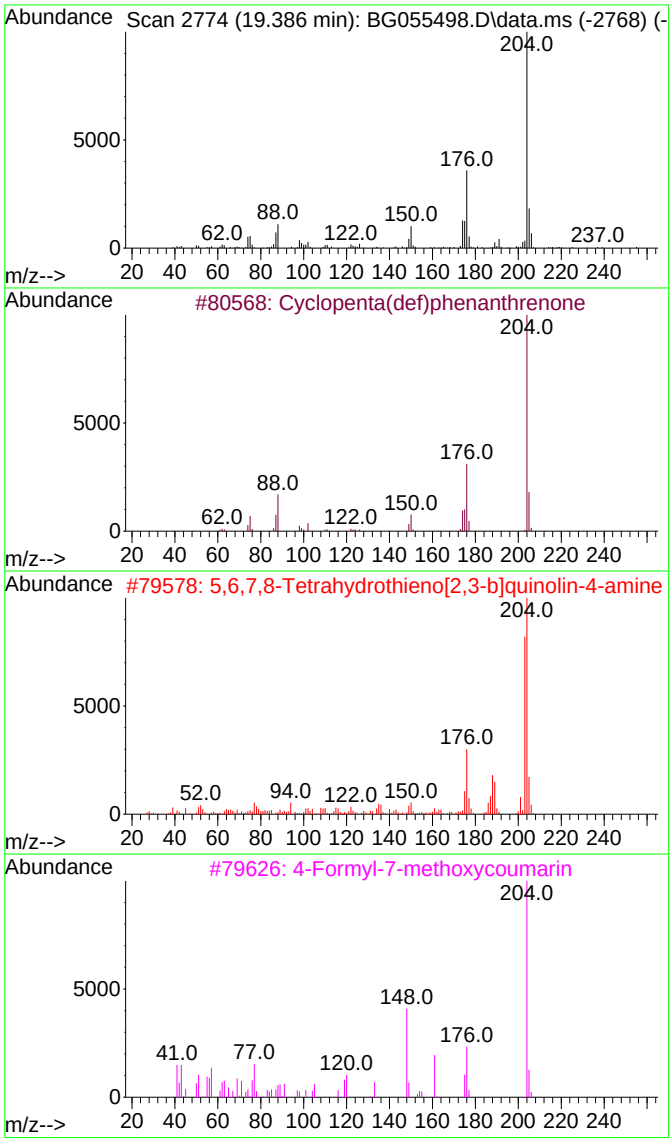
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

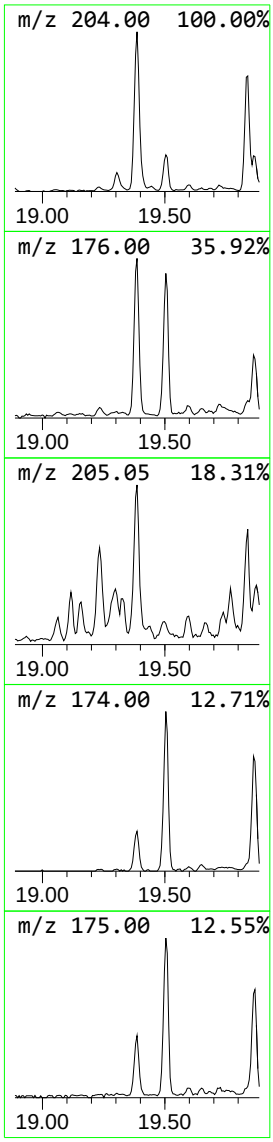
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Cyclopenta(def)phenanthrenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.386	8.15 ng	210172	Phenanthrene-d10	17.459

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	93
2	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	72
3	4-Formyl-7-methoxycoumarin	204	C11H8O4	1000429-03-0	64
4	N-(4-Chloro-phenyl)-2-(3,4-dihyd...	330	C17H15ClN2OS	1010296-34-3	53
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	47





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

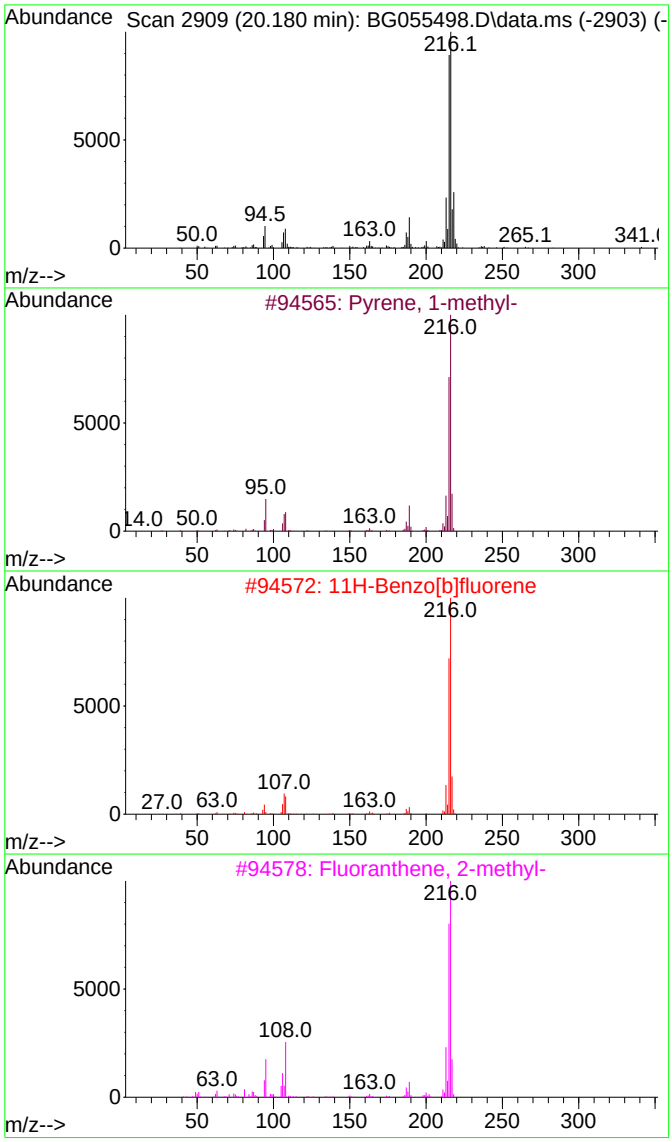
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

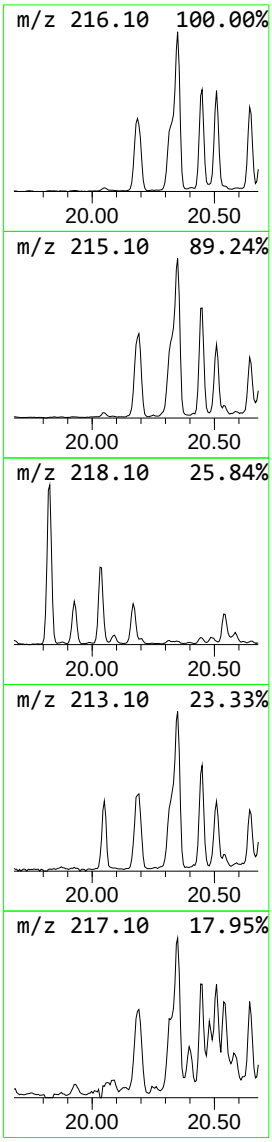
****

Peak Number 11 Pyrene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.180	2.79 ng	293151	Chrysene-d12	21.725

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	91
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	64





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

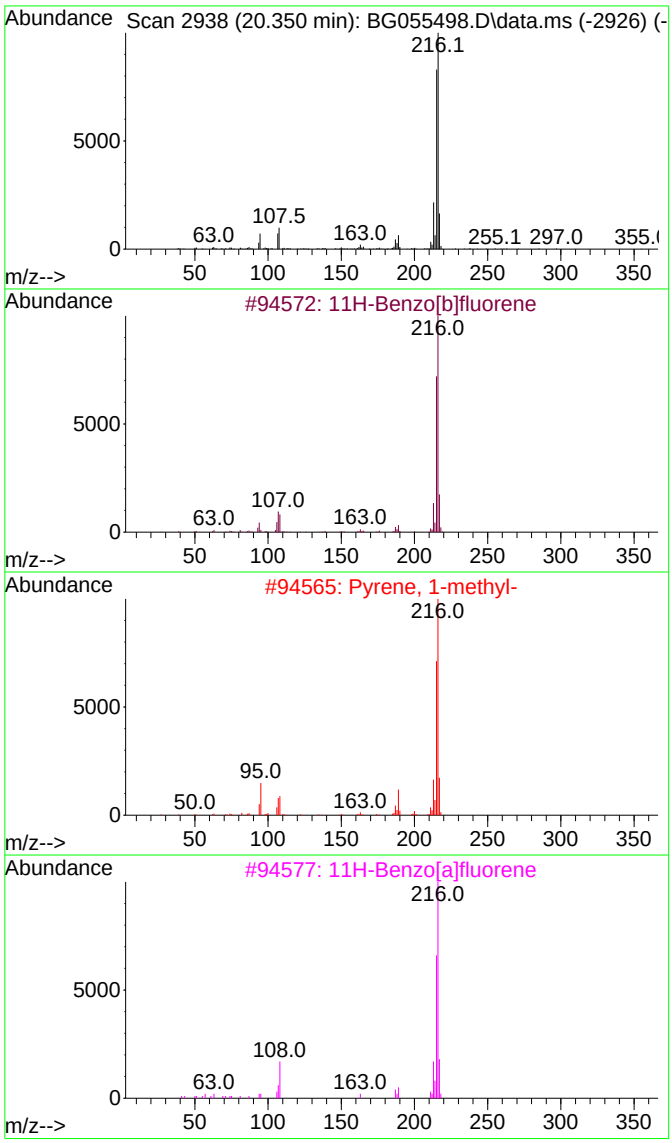
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

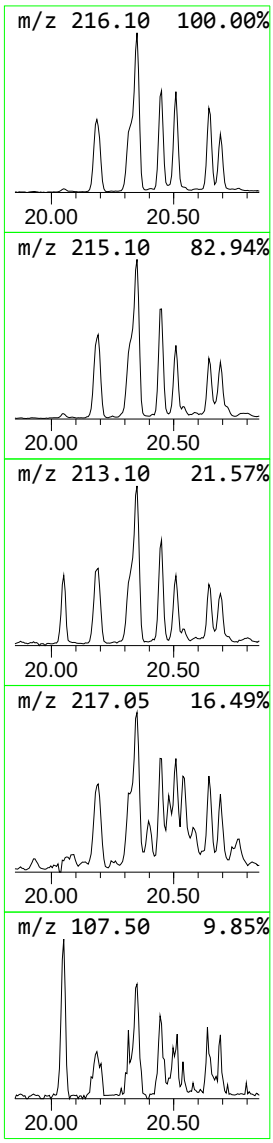
****

Peak Number 12 11H-Benzo[b]fluorene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.350	5.40 ng	566705	Chrysene-d12	21.725

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	96
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	83
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72





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Misc :
ALS Vial : 16 Sample Multiplier: 1

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

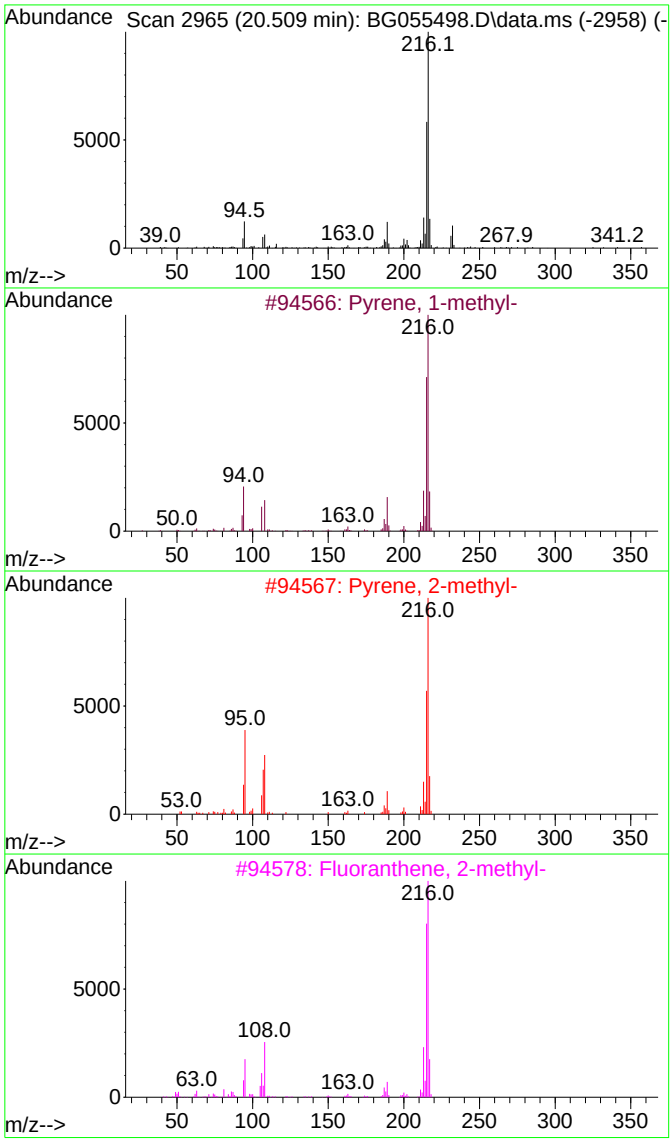
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

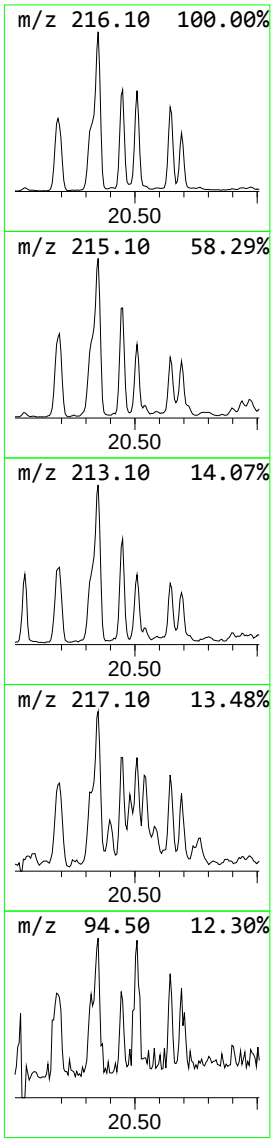
****

Peak Number 13 Pyrene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.509	2.78 ng	292080	Chrysene-d12	21.725

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	94
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	70





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Sample : N5481-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

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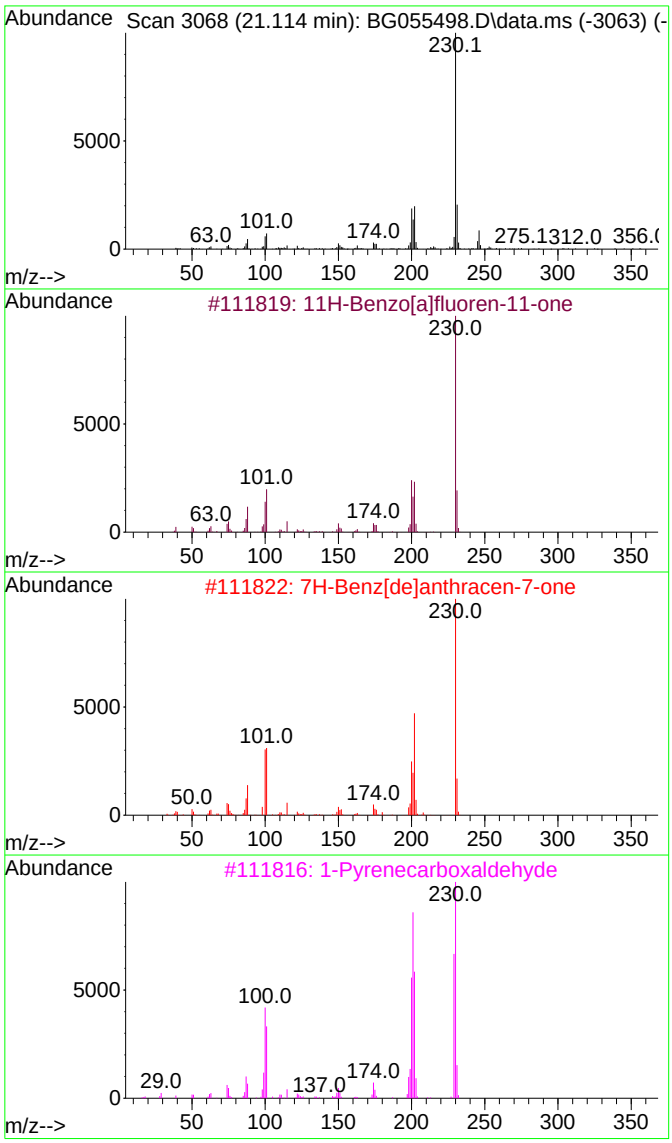
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

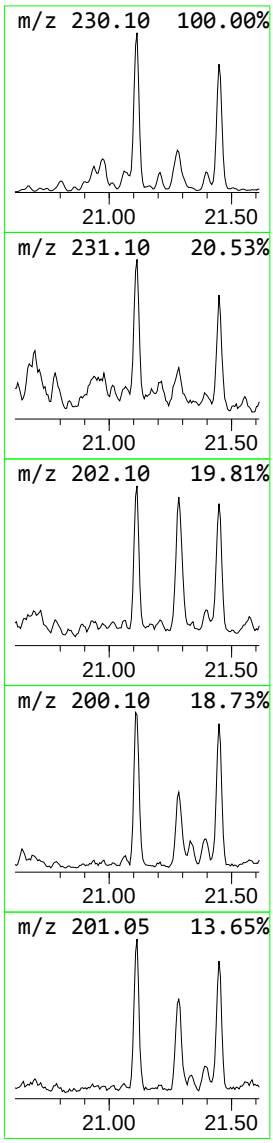
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 11H-Benzo[a]fluoren-11-one Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.114	2.20 ng	231476	Chrysene-d12	21.725

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	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	64
4	4-Pyrenecarbaldehyde	230	C17H10O	022245-51-8	64
5	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	59





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ALS Vial : 16 Sample Multiplier: 1

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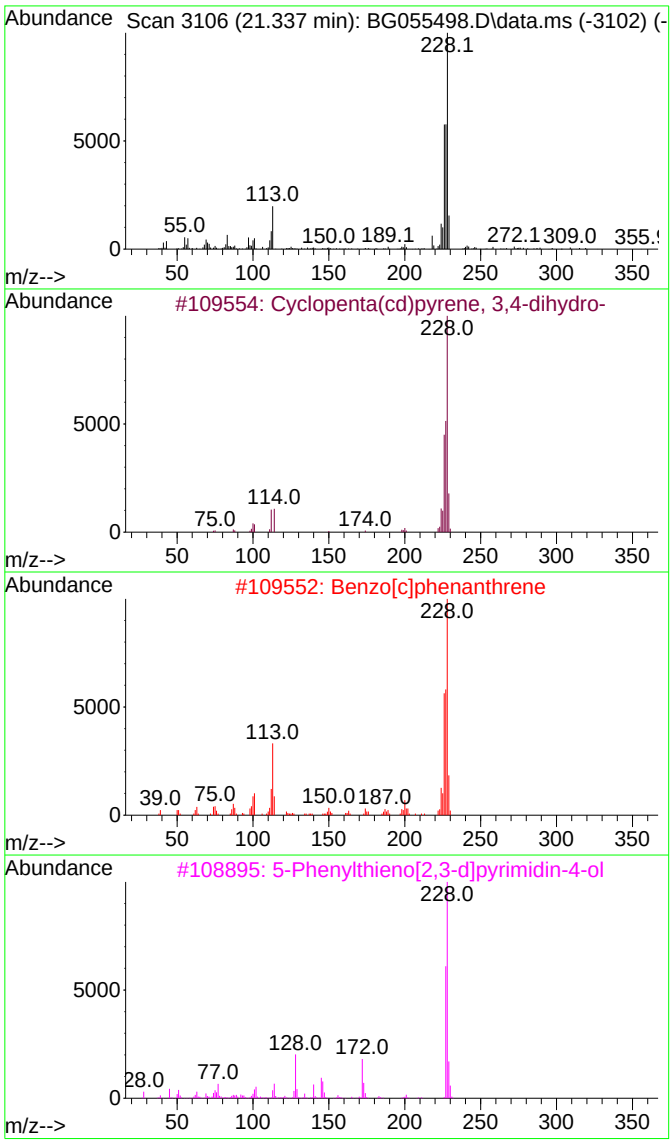
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

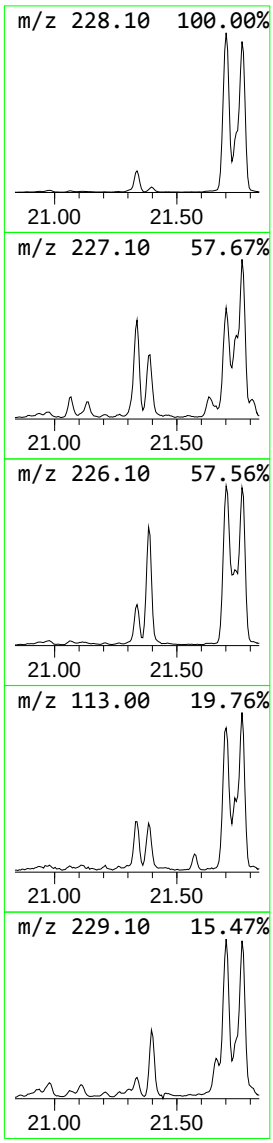
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.337	2.38 ng	250060	Chrysene-d12	21.725

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	90
2	Benzo[c]phenanthrene	228	C18H12	000195-19-7	62
3	5-Phenylthieno[2,3-d]pyrimidin-4-ol	228	C12H8N2OS	035978-39-3	47
4	Chrysene	228	C18H12	000218-01-9	43
5	Isothiazol-5-amine, 4-bromo-3-ch...	226	C4H4BrClN2S	1000272-59-9	40





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ClientSampleId :
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TIC Library : C:\Database\NIST20.L
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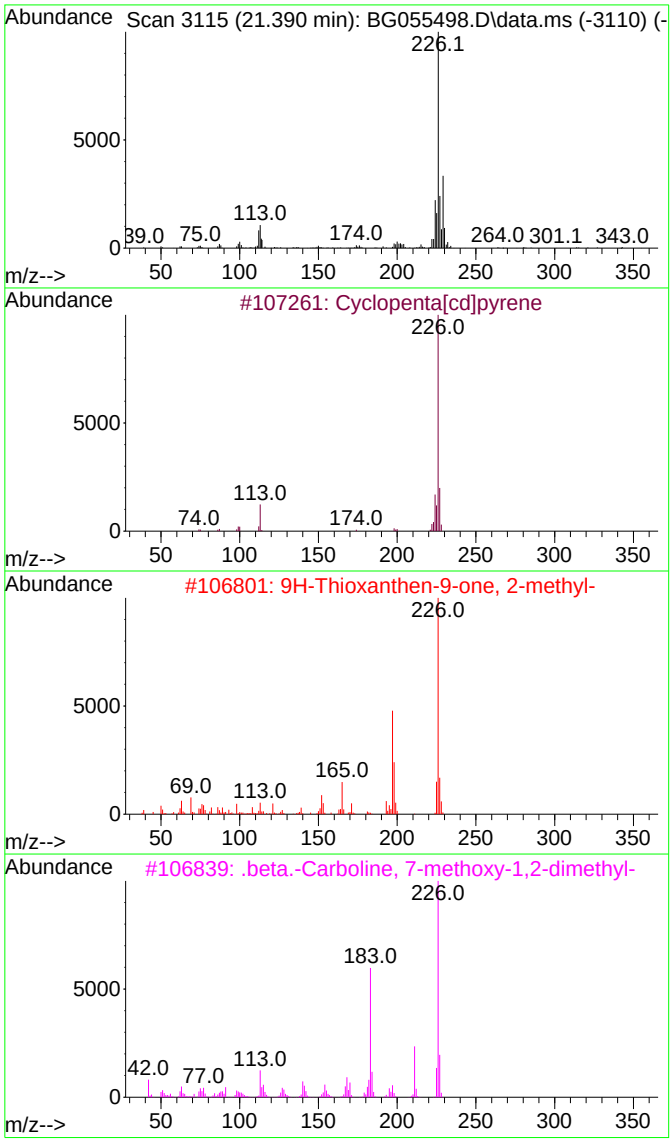
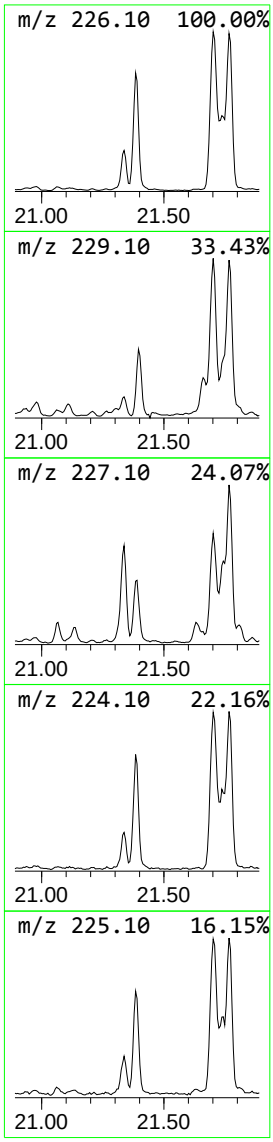
****
Peak Number 16 Cyclopenta[cd]pyrene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.390	2.86 ng	300221	Chrysene-d12	21.725

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	64
2	9H-Thioxanthen-9-one, 2-methyl-	226	C14H10OS	015774-82-0	52
3	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	50
4	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	50
5	Benzene, 1-bromo-2,6-dichloro-	224	C6H3BrCl2	019393-92-1	40





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TIC Library : C:\Database\NIST20.L
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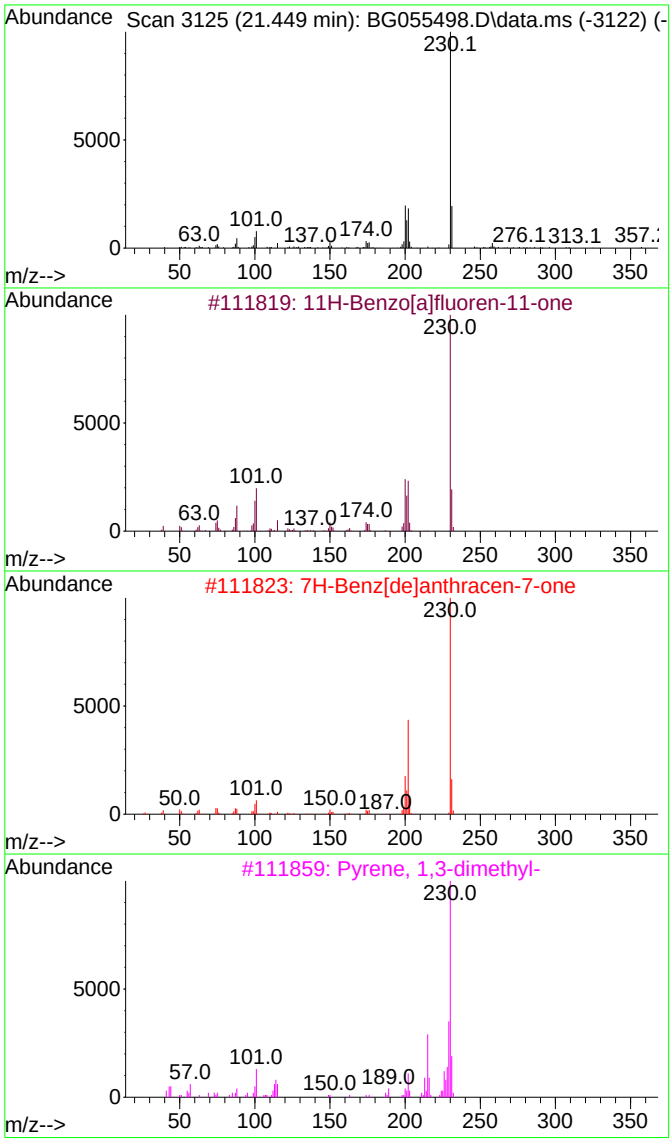
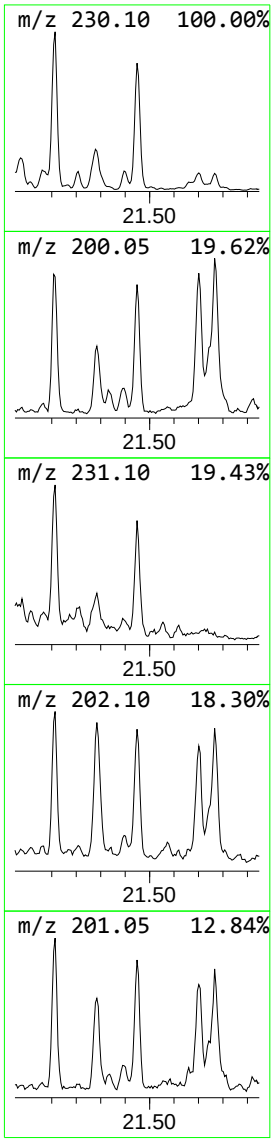
Peak Number 17 7H-Benz[de]anthracen-7-one Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.449	2.21 ng	232436	Chrysene-d12	21.725

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	93
3	Pyrene, 1,3-dimethyl-	230	C18H14	064401-21-4	58
4	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	56
5	4-Isothiazolecarbonitrile, 3,5-b...	230	C8H10N2S3	024135-13-5	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110722\
Data File : BG055498.D
Acq On : 8 Nov 2022 5:09
Operator : CG/JU
Sample : N5481-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
VNJ-231

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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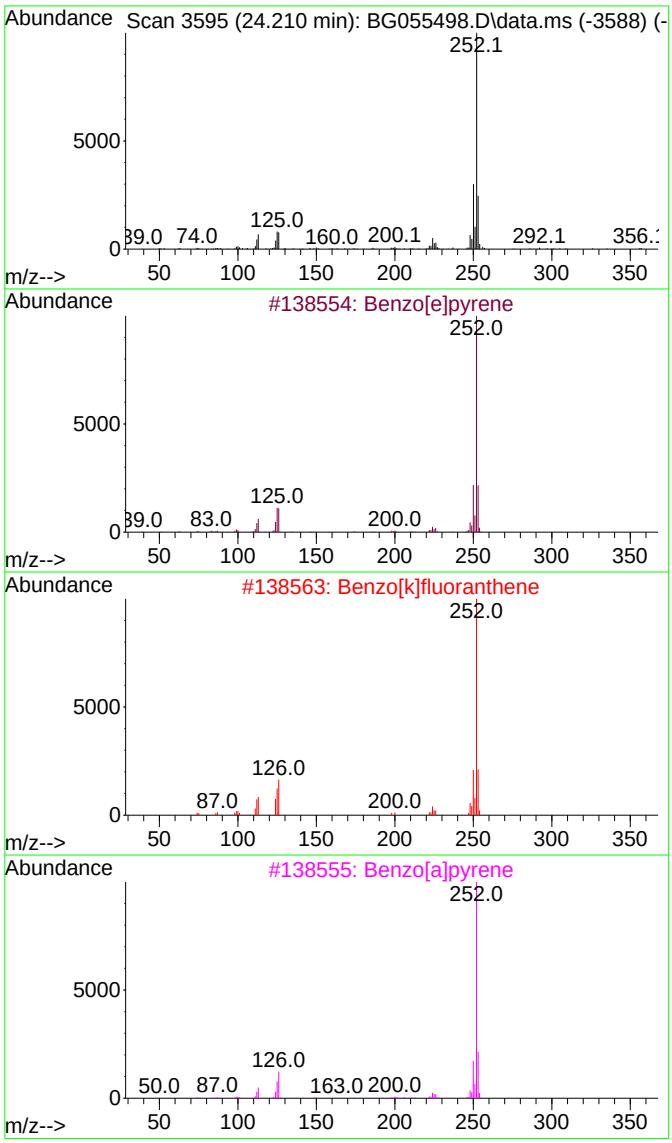
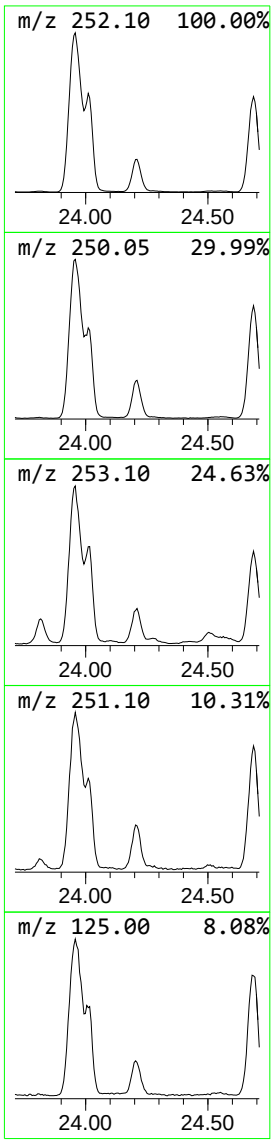
Peak Number 18 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.210	13.98 ng	337491	Perylene-d12	24.986

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
3	Benzo[a]pyrene	252	C20H12	000050-32-8	93
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
5	Perylene	252	C20H12	000198-55-0	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110722\
Data File : BG055498.D
Acq On : 8 Nov 2022 5:09
Operator : CG/JU
Sample : N5481-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
VNJ-231

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110122.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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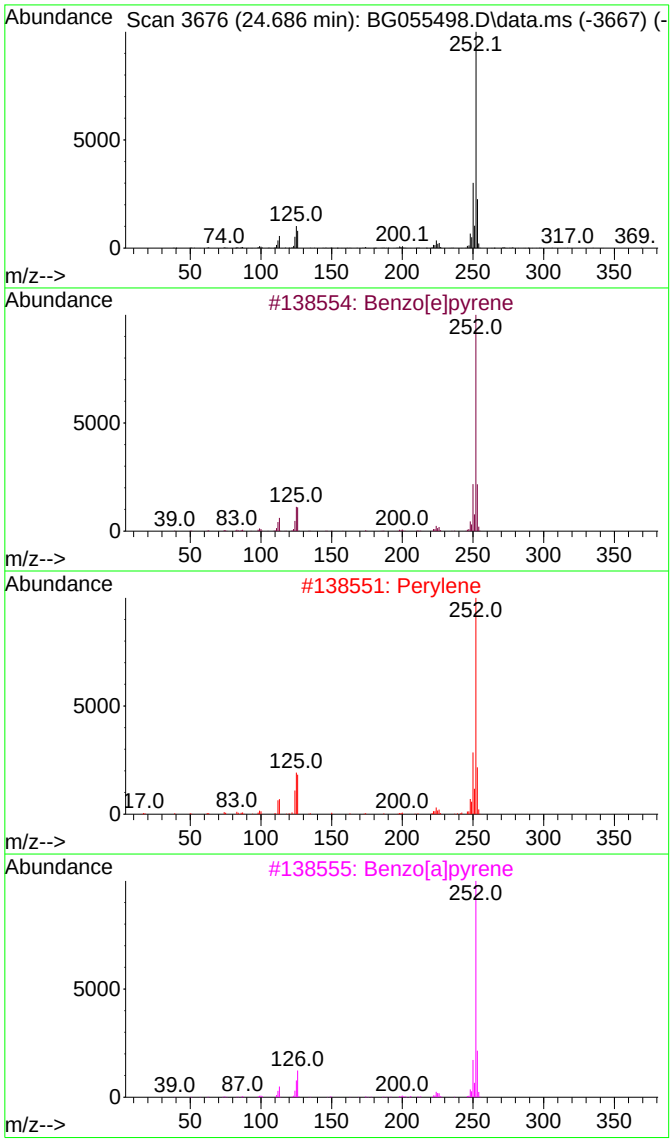
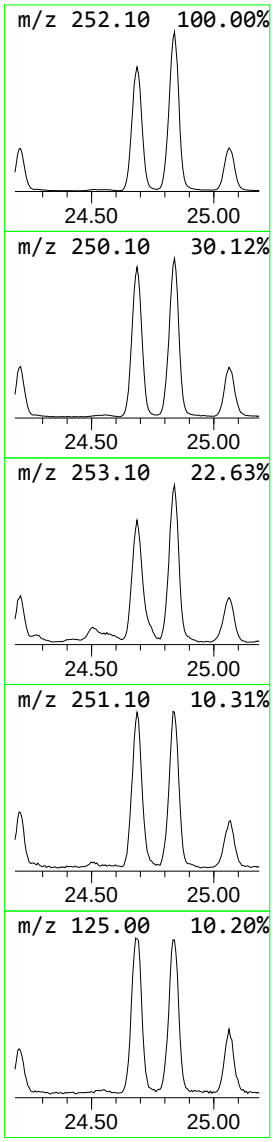
Peak Number 19 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.686	50.94 ng	1229530	Perylene-d12	24.986

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2	Perylene	252	C20H12	000198-55-0	95
3	Benzo[a]pyrene	252	C20H12	000050-32-8	93
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110722\
Data File : BG055498.D
Acq On : 8 Nov 2022 5:09
Operator : CG/JU
Sample : N5481-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
VNJ-231

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110122.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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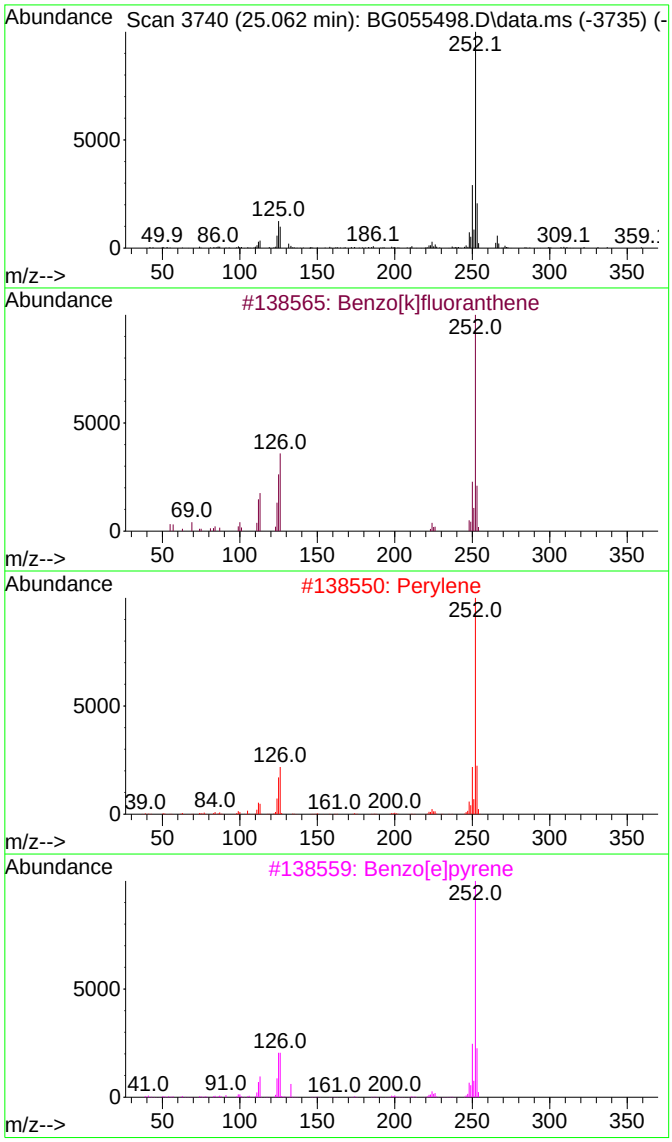
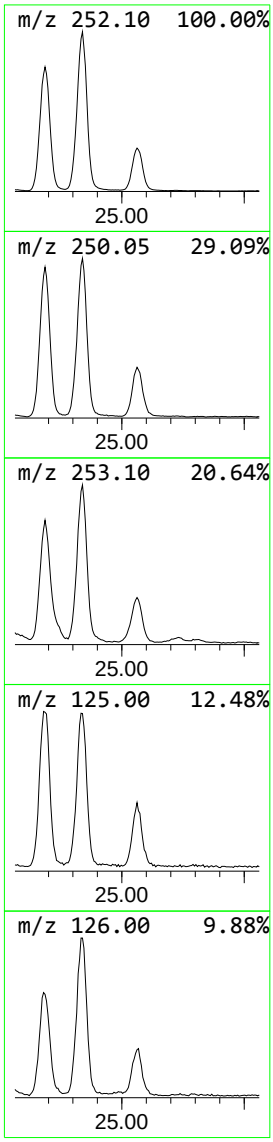
Peak Number 20 unknown25.062 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.062	20.97 ng	506038	Perylene-d12	24.986

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
2	Perylene	252	C20H12	000198-55-0	93
3	Benzo[e]pyrene	252	C20H12	000192-97-2	90
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
5	Benzo[a]pyrene	252	C20H12	000050-32-8	89





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110722\
Data File : BG055498.D
Acq On : 8 Nov 2022 5:09
Operator : CG/JU
Sample : N5481-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
VNJ-231

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110122.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
2-Pentanone, 4-...	5.115	13.9	ng	133688	1	8.082	193050	20.0
Anthracene, 2-m...	18.329	6.0	ng	155532	4	17.459	515703	20.0
Phenanthrene, 1...	18.376	6.2	ng	159486	4	17.459	515703	20.0
Phenanthrene, 2...	18.458	2.2	ng	57255	4	17.459	515703	20.0
4H-Cyclopenta[d...	18.529	9.8	ng	253117	4	17.459	515703	20.0
Phenanthrene, 4...	18.558	2.8	ng	71584	4	17.459	515703	20.0
5,16[1',2']:8,1...	18.822	3.1	ng	80420	4	17.459	515703	20.0
9,10-Anthracene...	18.869	4.5	ng	115041	4	17.459	515703	20.0
9,10-Dimethylan...	19.234	5.3	ng	137107	4	17.459	515703	20.0
Cyclopenta(def)...	19.386	8.2	ng	210172	4	17.459	515703	20.0
Pyrene, 1-methyl-	20.180	2.8	ng	293151	5	21.725	2100300	20.0
11H-Benzo[b]flu...	20.350	5.4	ng	566705	5	21.725	2100300	20.0
Pyrene, 2-methyl-	20.509	2.8	ng	292080	5	21.725	2100300	20.0
11H-Benzo[a]flu...	21.114	2.2	ng	231476	5	21.725	2100300	20.0
Cyclopenta(cd)p...	21.337	2.4	ng	250060	5	21.725	2100300	20.0
Cyclopenta[cd]p...	21.390	2.9	ng	300221	5	21.725	2100300	20.0
7H-Benz[de]anth...	21.449	2.2	ng	232436	5	21.725	2100300	20.0
Benzo[e]pyrene	24.210	14.0	ng	337491	6	24.986	482696	20.0
Perylene	24.686	50.9	ng	1229530	6	24.986	482696	20.0
unknown25.062	25.062	21.0	ng	506038	6	24.986	482696	20.0