LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120122\
Data File : BG055862.D
Acq On : 1 Dec 2022 19:22
Operator : CG/JU
Sample : N5803-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PEQ-STOCK

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-BG111622.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG055862.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.261	326	336	348	rBV	602296	994360	14.70%	1.313%
2	5.743	411	418	436	rVB	640913	1100405	16.26%	1.454%
3	7.365	684	694	707	rBV	647606	1165911	17.23%	1.540%
4	8.211	832	838	844	rVB	152066	256748	3.79%	0.339%
5	9.380	1029	1037	1054	rVB	408269	746729	11.04%	0.986%
6	11.037	1312	1319	1325	rBV	210641	375515	5.55%	0.496%
7	13.458	1721	1731	1740	rBV	1094616	1713670	25.33%	2.264%
8	14.151	1843	1849	1855	rBV	57781	101063	1.49%	0.133%
9	14.562	1910	1919	1933	rBV	235416	558164	8.25%	0.737%
10	14.832	1960	1965	1971	rVB	327040	504437	7.46%	0.666%
11	14.897	1971	1976	1982	rVB2	40319	71019	1.05%	0.094%
12	15.226	2025	2032	2038	rVB2	81997	141819	2.10%	0.187%
13	15.297	2038	2044	2054	rVB	50735	85532	1.26%	0.113%
14	15.438	2062	2068	2073	rBV2	49173	91918	1.36%	0.121%
15	15.614	2090	2098	2100	rBV3	40067	82162	1.21%	0.109%
16	15.872	2136	2142	2151	rVB3	86428	176867	2.61%	0.234%
17	16.172	2183	2193	2199	rVB2	142138	256800	3.80%	0.339%
18	16.319	2212	2218	2225	rVB	921443	1434631	21.20%	1.895%
19	16.525	2245	2253	2266	rVB4	66889	224358	3.32%	0.296%
20	16.877	2302	2313	2318	rBV4	88153	189351	2.80%	0.250%
21	17.100	2343	2351	2355	rBV2	114391	208433	3.08%	0.275%
22	17.141	2355	2358	2367	rVV2	91942	186584	2.76%	0.246%
23	17.230	2368	2373	2380	rVB3	90185	154392	2.28%	0.204%
24	17.294	2380	2384	2391	rBV2	117333	209164	3.09%	0.276%
25	17.394	2397	2401	2407	rVB	71543	107842	1.59%	0.142%
26	17.576	2426	2432	2435	rBV	395905	607776	8.98%	0.803%
27	17.623	2435	2440	2446	rVB	1345716	2023901	29.91%	2.673%
28	17.711	2449	2455	2459	rBV	394806	619542	9.16%	0.818%
29	17.982	2494	2501	2502	rBV	102027	174341	2.58%	0.230%
30	18.087	2515	2519	2526	rVV	88882	119427	1.77%	0.158%
31	18.158	2527	2531	2537	rVB4	54265	94555	1.40%	0.125%
32	18.446	2574	2580	2584	rBV2	422190	750325	11.09%	0.991%
33	18.499	2584	2589	2593	rVB	488677	721983	10.67%	0.954%
34	18.575	2598	2602	2607	rVB	173406	245488	3.63%	0.324%
35	18.646	2607	2614	2617	rBV2	423659	874057	12.92%	1.155%
36	18.675	2617	2619	2624	rVB	247663	307665	4.55%	0.406%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120122\
Data File : BG055862.D
Acq On : 1 Dec 2022 19:22
Operator : CG/JU
Sample : N5803-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PEQ-STOCK

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-BG111622.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	18.933	2659	2663	2668	rBV	327725	454905	6.72%	0.601%
38	18.986	2668	2672	2679	rVB	214616	307019	4.54%	0.406%
39	19.180	2701	2705	2709	rVB2	113282	151559	2.24%	0.200%
40	19.227	2710	2713	2717	rVB	150382	175155	2.59%	0.231%
41	19.268	2717	2720	2724	rVB	143322	170585	2.52%	0.225%
42	19.351	2728	2734	2739	rBV	350069	678348	10.03%	0.896%
43	19.503	2754	2760	2768	rBV2	410027	697826	10.31%	0.922%
44	19.633	2773	2782	2786	rBV	3937458	6766219	100.00%	8.938%
45	19.674	2786	2789	2791	rBV	82139	101626	1.50%	0.134%
46	19.768	2801	2805	2809	rBV	276746	395861	5.85%	0.523%
47	19.862	2818	2821	2831	rVB2	147717	343524	5.08%	0.454%
48	19.950	2831	2836	2838	rVV	764865	1206310	17.83%	1.593%
49	19.991	2838	2843	2848	rVV	3586160	5720511	84.55%	7.556%
50	20.044	2848	2852	2858	rVB	384697	577818	8.54%	0.763%
51	20.161	2866	2872	2877	rBV2	1864021	2659546	39.31%	3.513%
52	20.214	2877	2881	2888	rVB2	151997	320641	4.74%	0.424%
53	20.308	2888	2897	2902	rBV3	539412	1385276	20.47%	1.830%
54	20.438	2912	2919	2921	rBV4	435496	965852	14.27%	1.276%
55	20.561	2936	2940	2943	rBV2	204193	299786	4.43%	0.396%
56	20.626	2943	2951	2955	rVV2	558618	1124127	16.61%	1.485%
57	20.696	2960	2963	2968	rBV2	145546	203879	3.01%	0.269%
58	20.767	2971	2975	2978	rVV	353232	504292	7.45%	0.666%
59	20.814	2979	2983	2993	rVB3	322278	635965	9.40%	0.840%
60	20.896	2994	2997	3001	rBV3	105797	185744	2.75%	0.245%
61	21.243	3051	3056	3063	rBV	999386	1604711	23.72%	2.120%
62	21.431	3081	3088	3092	rBV2	536674	1243096	18.37%	1.642%
63	21.478	3092	3096	3101	rVV	585796	1074576	15.88%	1.419%
64	21.530	3101	3105	3110	rVV2	556469	977912	14.45%	1.292%
65	21.595	3111	3116	3121	rVB	652321	1128990	16.69%	1.491%
66	21.859	3154	3161	3166	rBV3	2224548	4997762	73.86%	6.602%
67	21.930	3168	3173	3184	rVB	2074288	4161995	61.51%	5.498%
68	22.153	3207	3211	3216	rBV2	246020	428283	6.33%	0.566%
69	22.294	3230	3235	3241	rBV2	281519	567167	8.38%	0.749%
70	22.359	3243	3246	3251	rVB3	145033	230344	3.40%	0.304%
71	22.629	3288	3292	3299	rVB	452008	875387	12.94%	1.156%
72	22.706	3301	3305	3315	rVB2	286981	639024	9.44%	0.844%
73	24.204	3548	3560	3567	rBV2	1775533	6548319	96.78%	8.650%
74	24.456	3597	3603	3611	rVB	356141	875438	12.94%	1.156%
75	24.956	3680	3688	3701	rVB	812963	2602930	38.47%	3.438%
76	25.120	3706	3716	3726	rVB	1067635	3040690	44.94%	4.017%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120122\
Data File : BG055862.D
Acq On : 1 Dec 2022 19:22
Operator : CG/JU
Sample : N5803-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PEQ-STOCK

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-BG111622.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	25.349	3750	3755	3772	rVB3	289028	997418	14.74%	1.318%

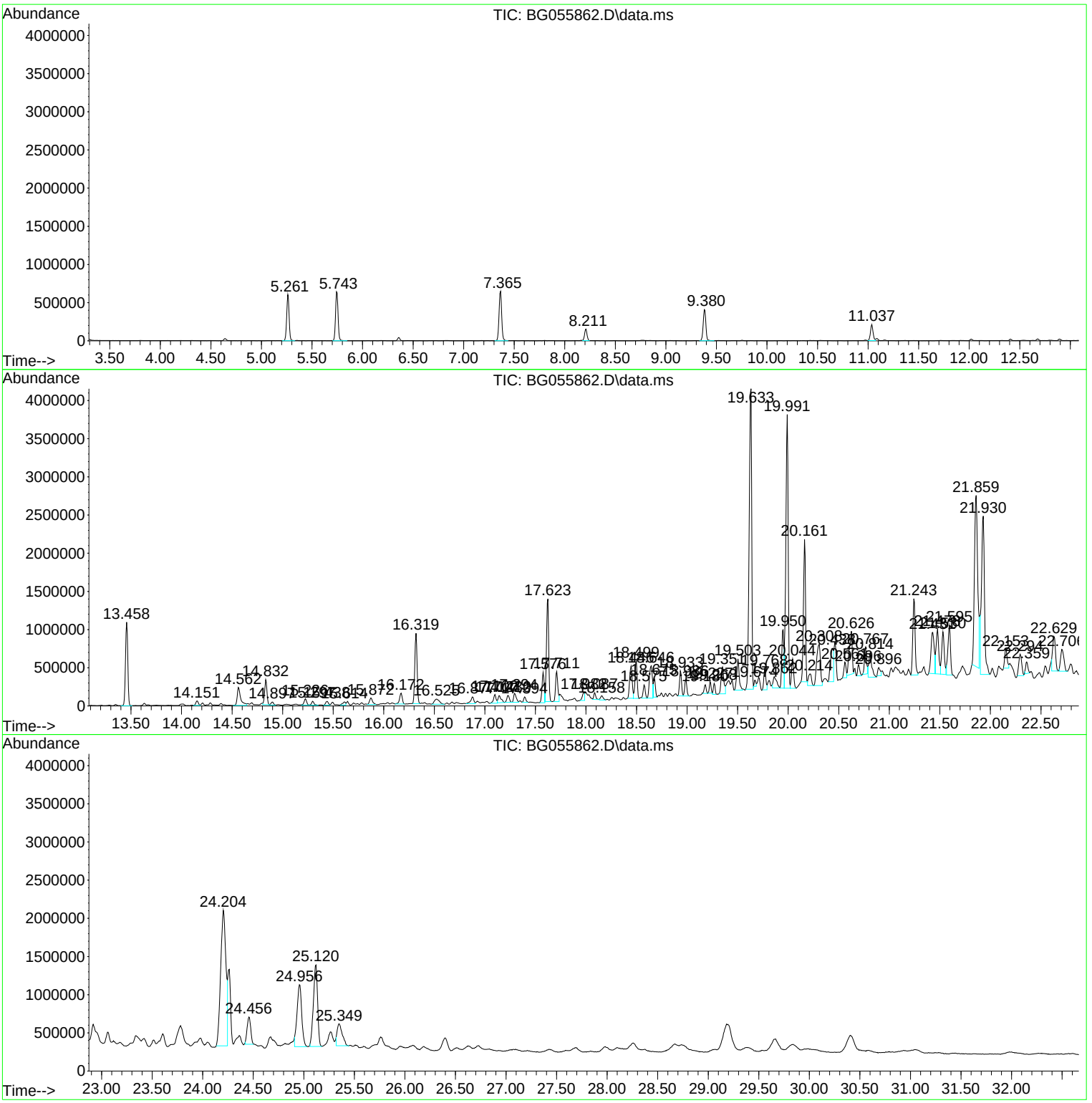
Sum of corrected areas: 75703350

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120122\
Data File : BG055862.D
Acq On : 1 Dec 2022 19:22
Operator : CG/JU
Sample : N5803-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PEQ-STOCK

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.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\BG120122\
Data File : BG055862.D
Acq On : 1 Dec 2022 19:22
Operator : CG/JU
Sample : N5803-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PEQ-STOCK

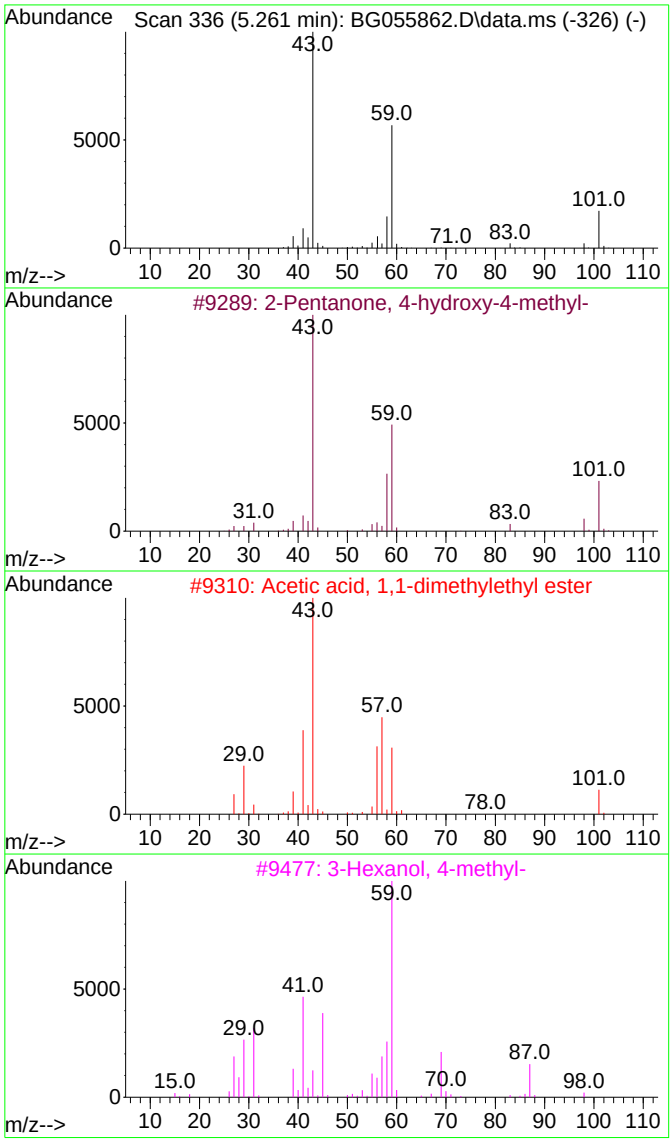
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

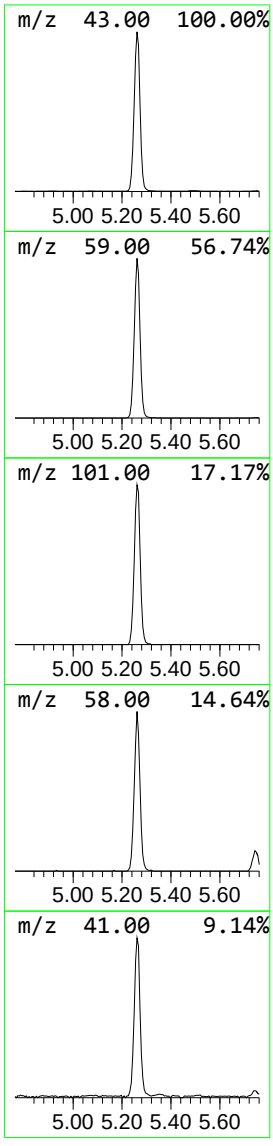
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.261	77.46 ng	994360	1,4-Dichlorobenzene-d4	8.205

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120122\
Data File : BG055862.D
Acq On : 1 Dec 2022 19:22
Operator : CG/JU
Sample : N5803-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PEQ-STOCK

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

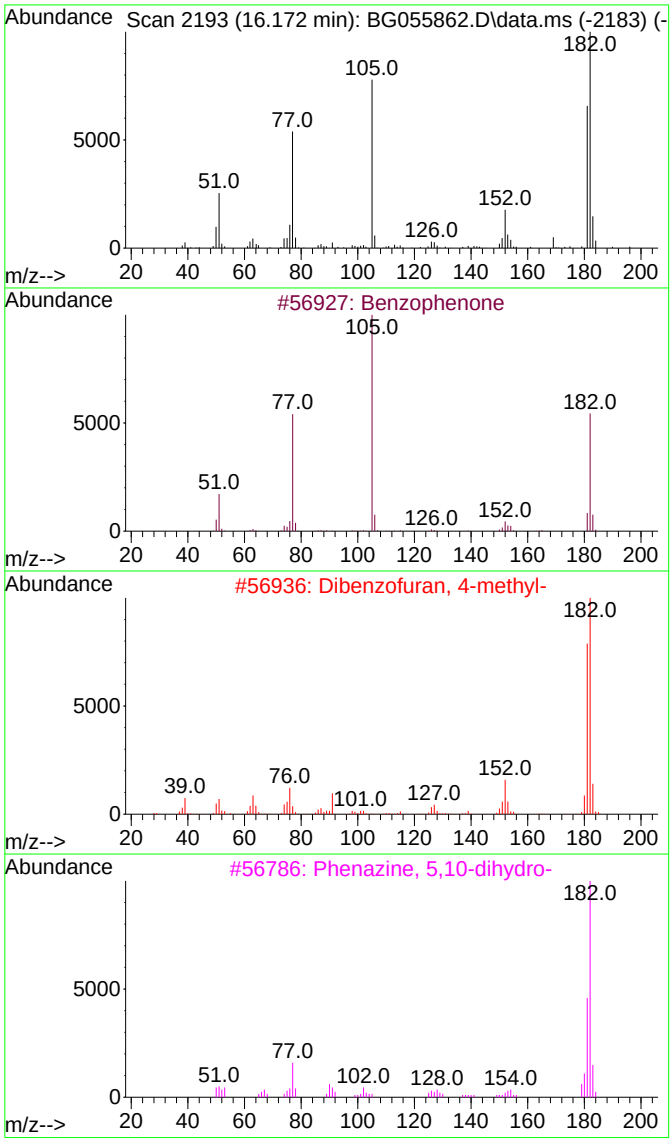
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

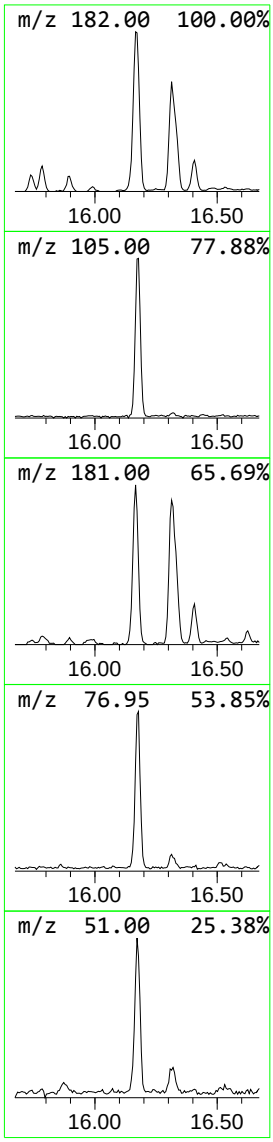
****

Peak Number 2 Benzophenone Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.172	10.18 ng	256800	Acenaphthene-d10	14.832

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	74
2	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	53
3	Phenazine, 5,10-dihydro-	182	C12H10N2	000613-32-1	49
4	9H-Fluoren-3-ol	182	C13H10O	006344-67-8	47
5	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120122\
Data File : BG055862.D
Acq On : 1 Dec 2022 19:22
Operator : CG/JU
Sample : N5803-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PEQ-STOCK

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

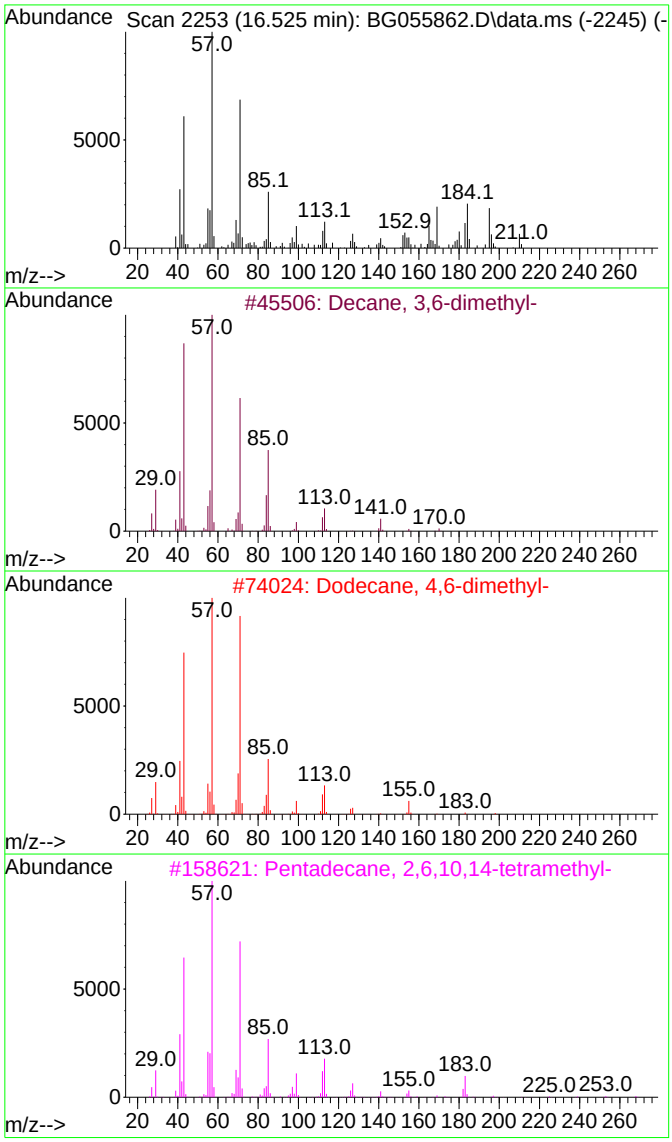
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

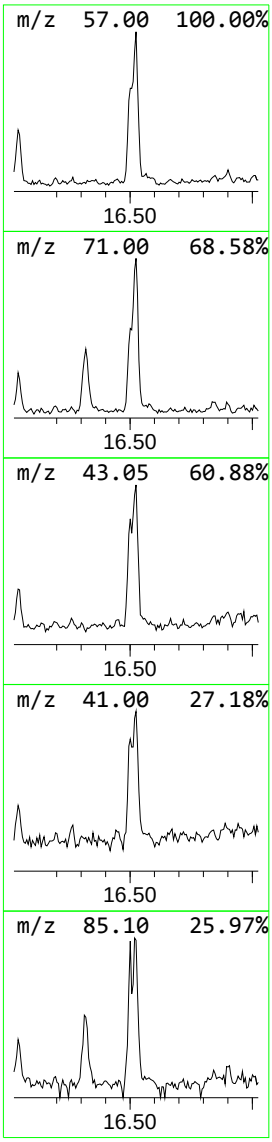
****

Peak Number 3 unknown16.525 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.525	7.38 ng	224358	Phenanthrene-d10	17.576

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	46
2	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	46
3	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	45
4	2-Bromo dodecane	248	C12H25Br	013187-99-0	43
5	Octadecane, 2,6-dimethyl-	282	C20H42	075163-97-2	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120122\
Data File : BG055862.D
Acq On : 1 Dec 2022 19:22
Operator : CG/JU
Sample : N5803-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PEQ-STOCK

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

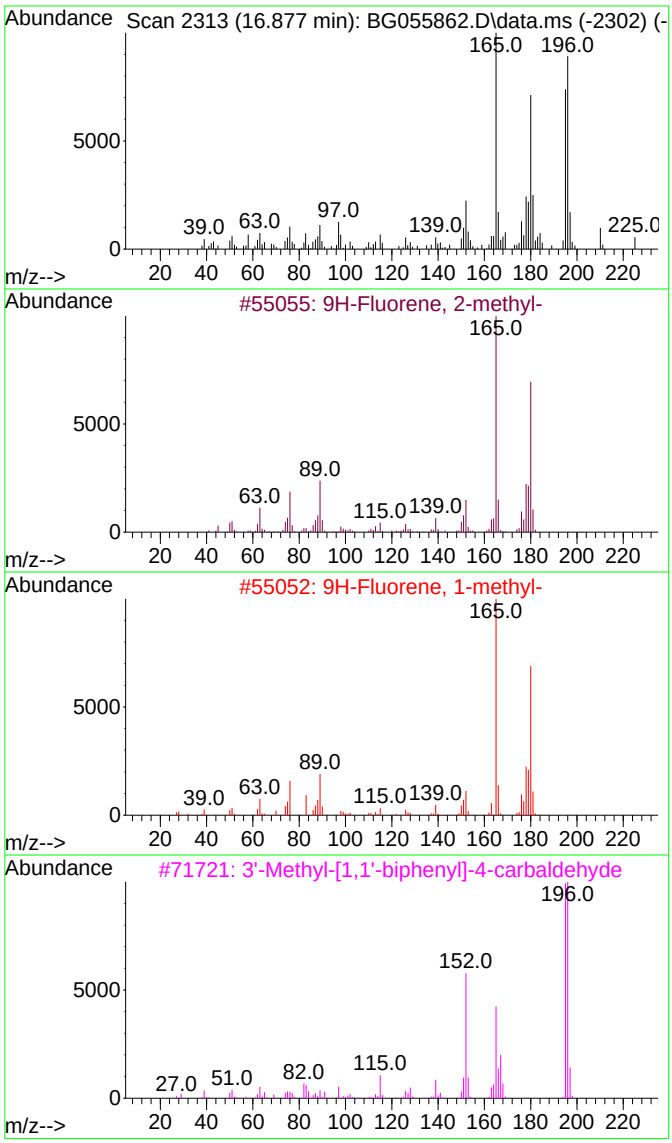
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

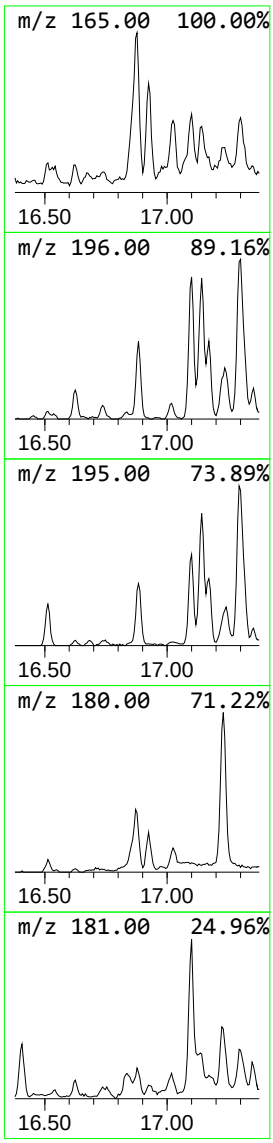
****

Peak Number 4 9H-Fluorene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.877	6.23 ng	189351	Phenanthrene-d10	17.576

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	81
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	81
3	3'-Methyl-[1,1'-biphenyl]-4-carb...	196	C14H12O	400744-83-4	64
4	9-Methoxyfluorene	196	C14H12O	019126-15-9	60
5	Phenol, 4-(2-phenylethenyl)-	196	C14H12O	003839-46-1	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120122\
Data File : BG055862.D
Acq On : 1 Dec 2022 19:22
Operator : CG/JU
Sample : N5803-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PEQ-STOCK

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

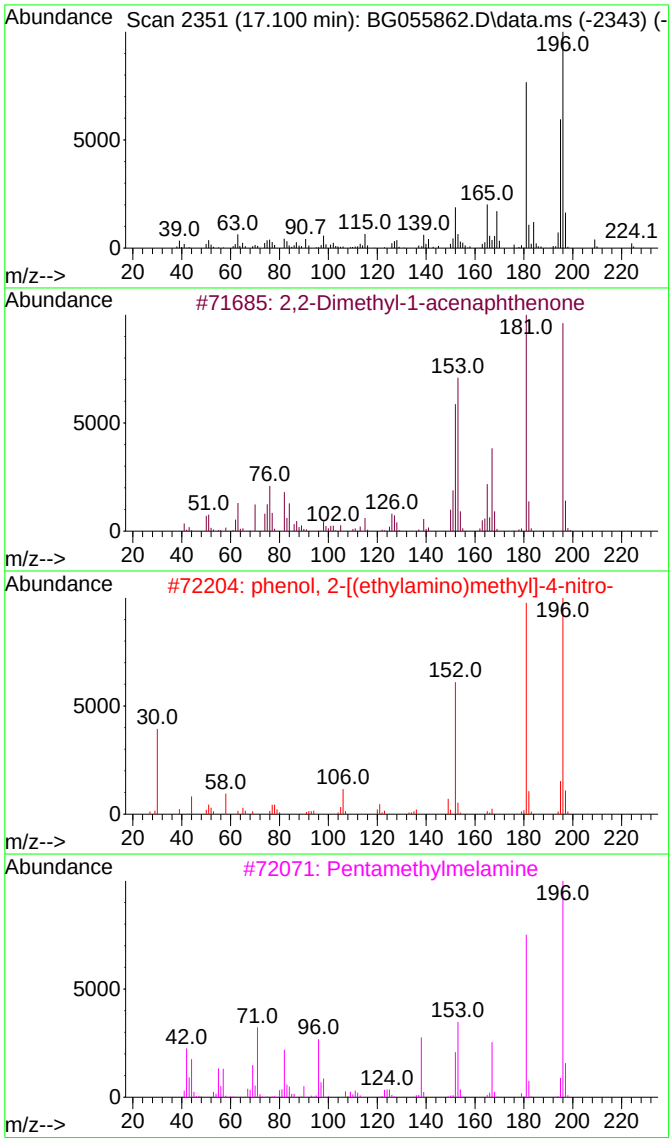
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

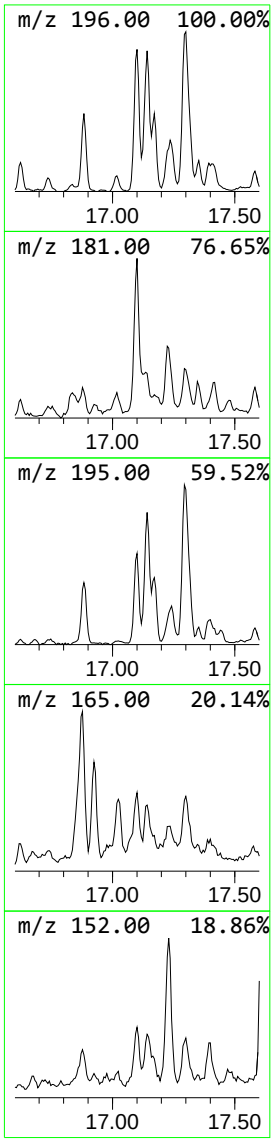
****

Peak Number 5 2,2-Dimethyl-1-acenaphthenone Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.100	6.86 ng	208433	Phenanthrene-d10	17.576

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2-Dimethyl-1-acenaphthenone	196	C14H12O	018086-43-6	70
2	phenol, 2-[(ethylamino)methyl]-4...	196	C9H12N2O3	1000400-09-7	58
3	Pentamethylmelamine	196	C8H16N6	035832-09-8	58
4	Naphtho[2,1-b]furan, 1,2-dimethyl-	196	C14H12O	129812-23-3	52
5	4,5-Dimethoxy-2-hydroxyacetophenone	196	C10H12O4	020628-06-2	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120122\
Data File : BG055862.D
Acq On : 1 Dec 2022 19:22
Operator : CG/JU
Sample : N5803-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PEQ-STOCK

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

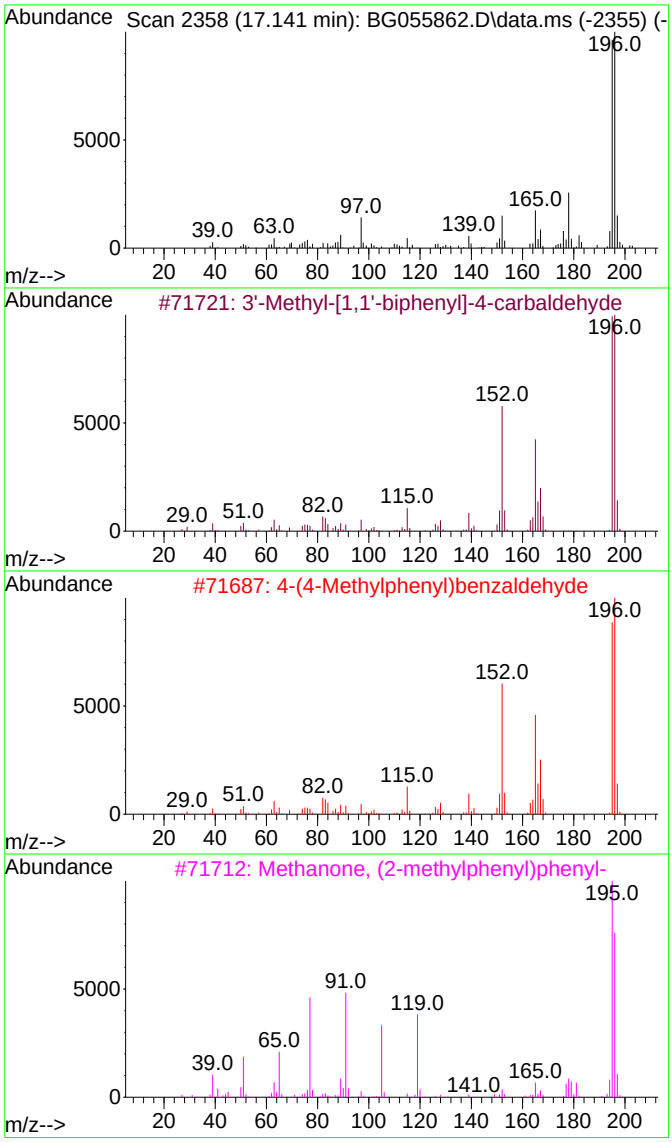
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

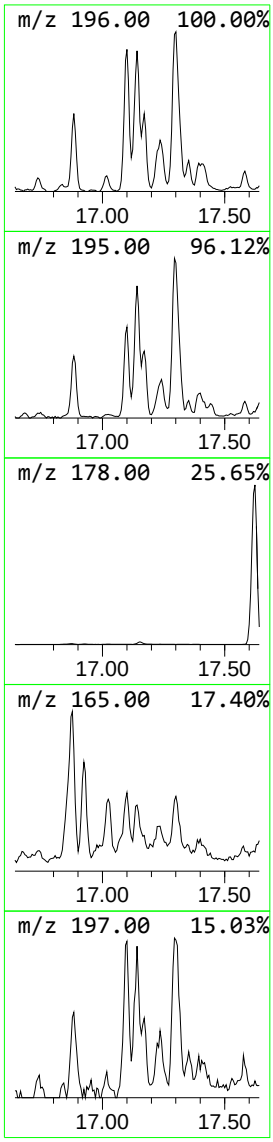
****

Peak Number 6 3'-Methyl-[1,1'-biphenyl]-4... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.142	6.14 ng	186584	Phenanthrene-d10	17.576

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3'-Methyl-[1,1'-biphenyl]-4-carb...	196	C14H12O	400744-83-4	81
2	4-(4-Methylphenyl)benzaldehyde	196	C14H12O	036393-42-7	74
3	Methanone, (2-methylphenyl)phenyl-	196	C14H12O	000131-58-8	64
4	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	60
5	3-{Pyrazolo[1,5-a]pyrimidin-7-yl...	196	C11H8N4	078561-97-4	53





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Operator : CG/JU
Sample : N5803-01
Misc :
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BNA_G
ClientSampleId :
PEQ-STOCK

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

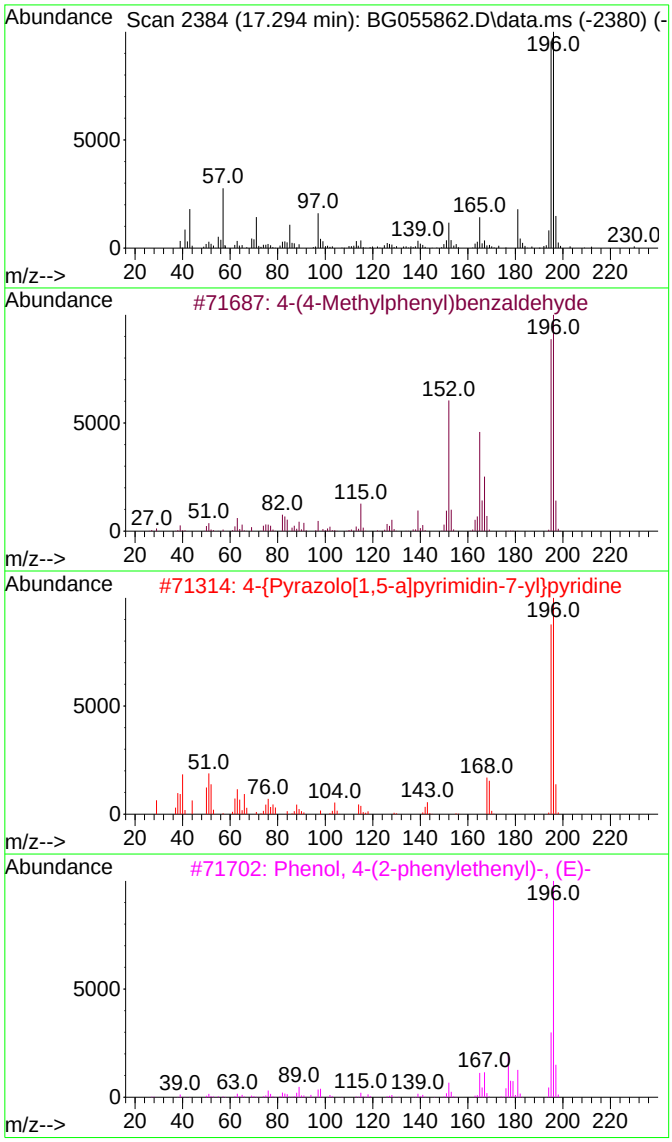
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

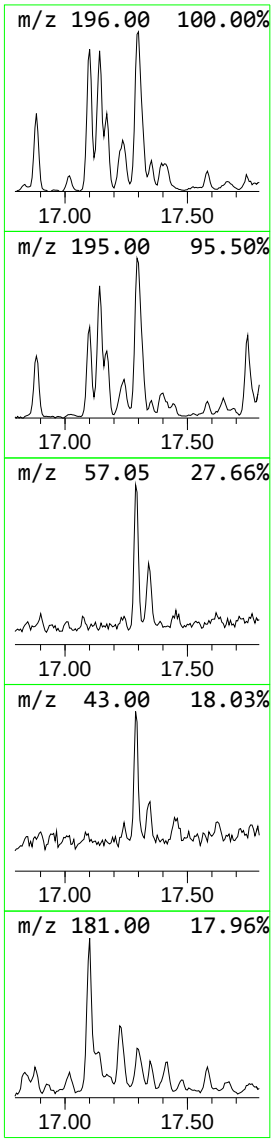
****

Peak Number 7 4-(4-Methylphenyl)benzaldehyde Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.294	6.88 ng	209164	Phenanthrene-d10	17.576

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-(4-Methylphenyl)benzaldehyde	196	C14H12O	036393-42-7	87
2	4-{Pyrazolo[1,5-a]pyrimidin-7-yl...	196	C11H8N4	1000443-78-9	59
3	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	58
4	Phenol, 4-(2-phenylethenyl)-	196	C14H12O	003839-46-1	49
5	Hydrosulfide, (5,6-dimethylthien...	196	C8H8N2S2	1000362-41-8	47





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Operator : CG/JU
Sample : N5803-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PEQ-STOCK

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

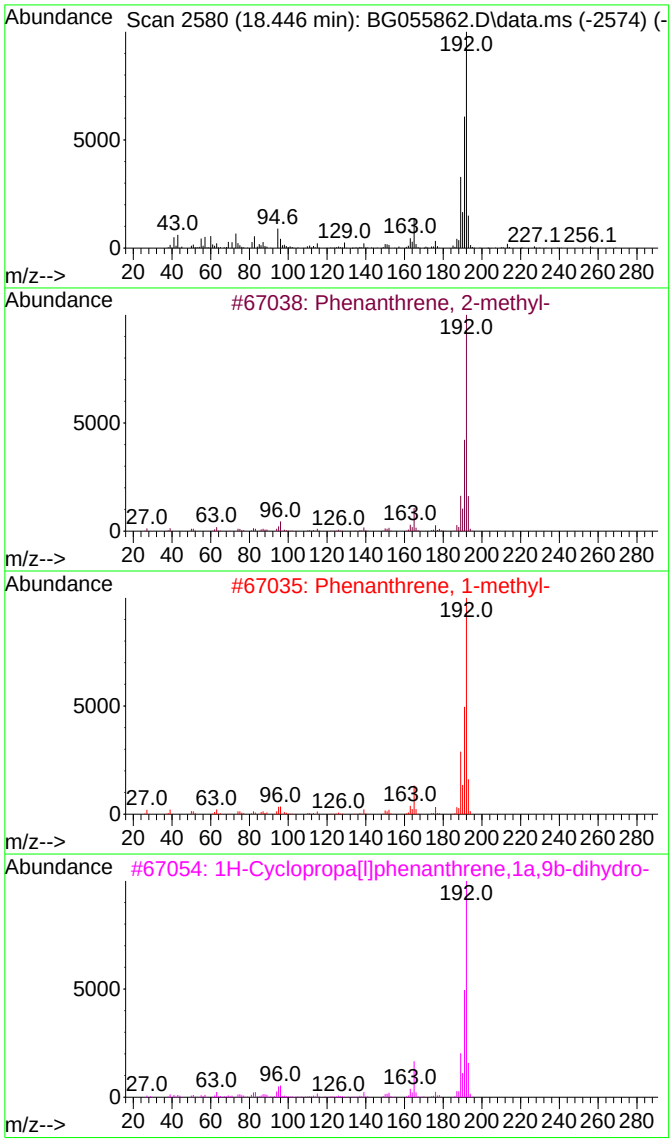
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

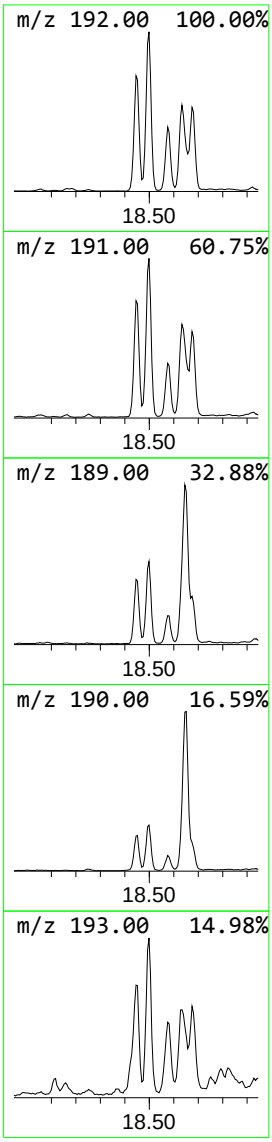
****

Peak Number 8 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.446	24.69 ng	750325	Phenanthrene-d10	17.576

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94





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Sample : N5803-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PEQ-STOCK

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

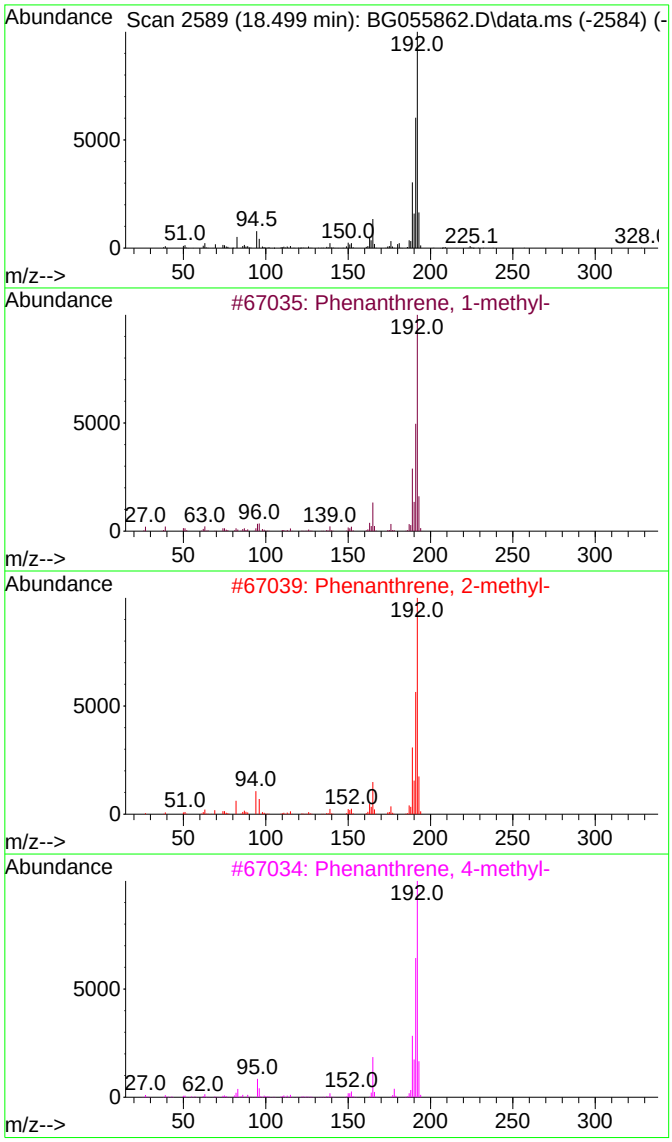
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

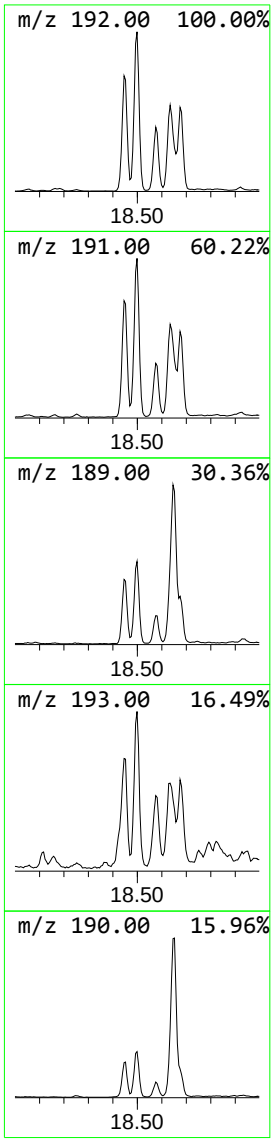
****

Peak Number 9 Phenanthrene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.499	23.76 ng	721983	Phenanthrene-d10	17.576

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94





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Acq On : 1 Dec 2022 19:22
Operator : CG/JU
Sample : N5803-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PEQ-STOCK

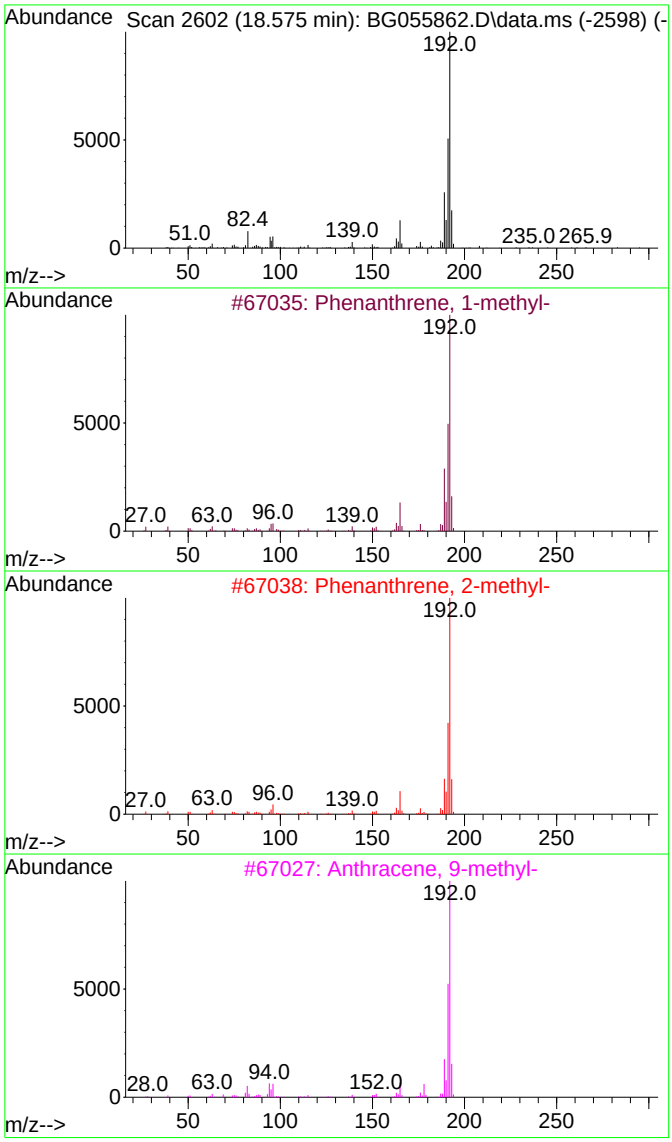
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

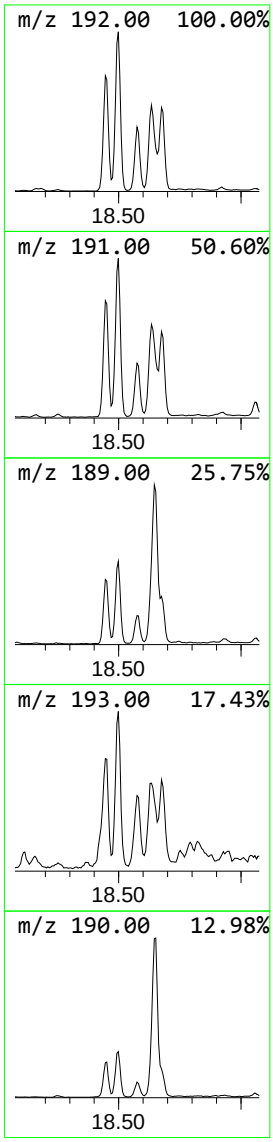
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Anthracene, 9-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.575	8.08 ng	245488	Phenanthrene-d10	17.576

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	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93





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Sample : N5803-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PEQ-STOCK

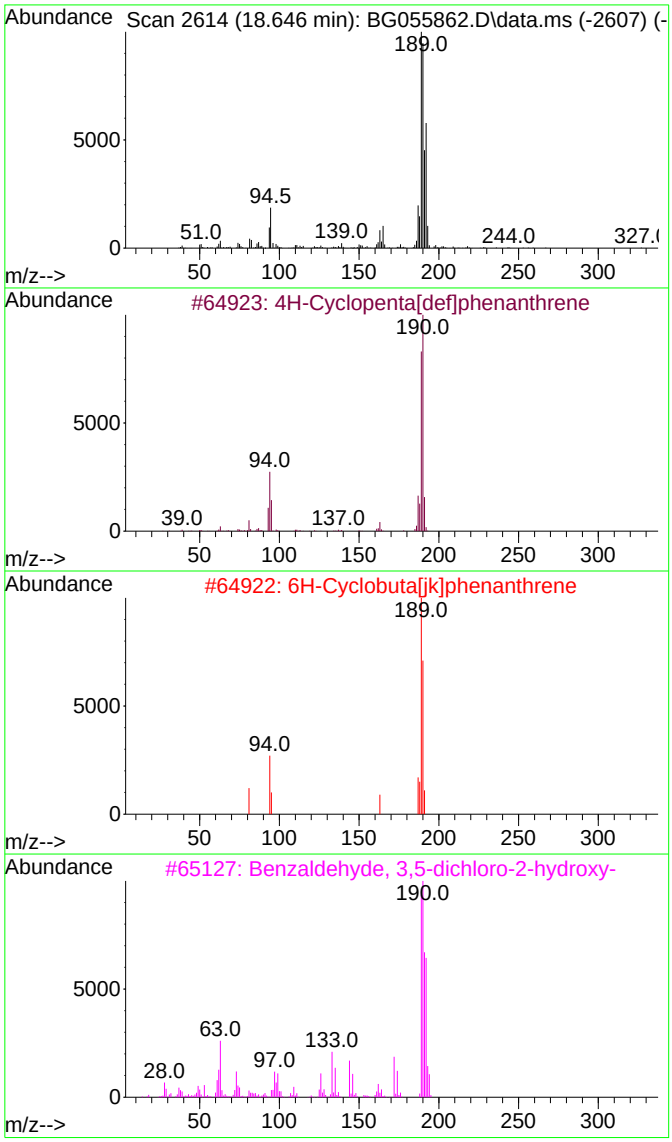
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

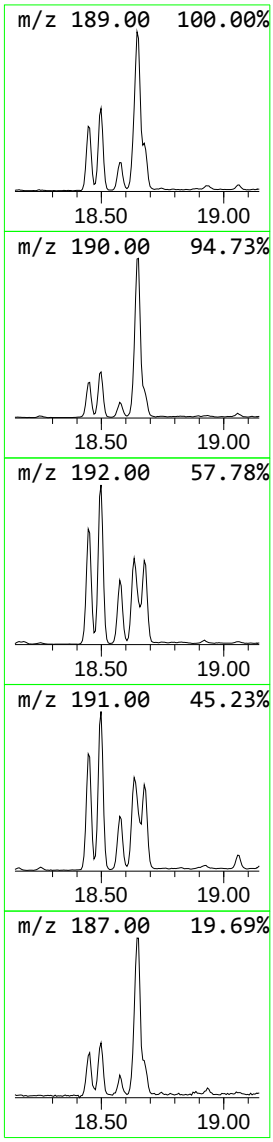
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.646	28.76 ng	874057	Phenanthrene-d10	17.576

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	58
3	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	50
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	30
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	25





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Operator : CG/JU
Sample : N5803-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

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

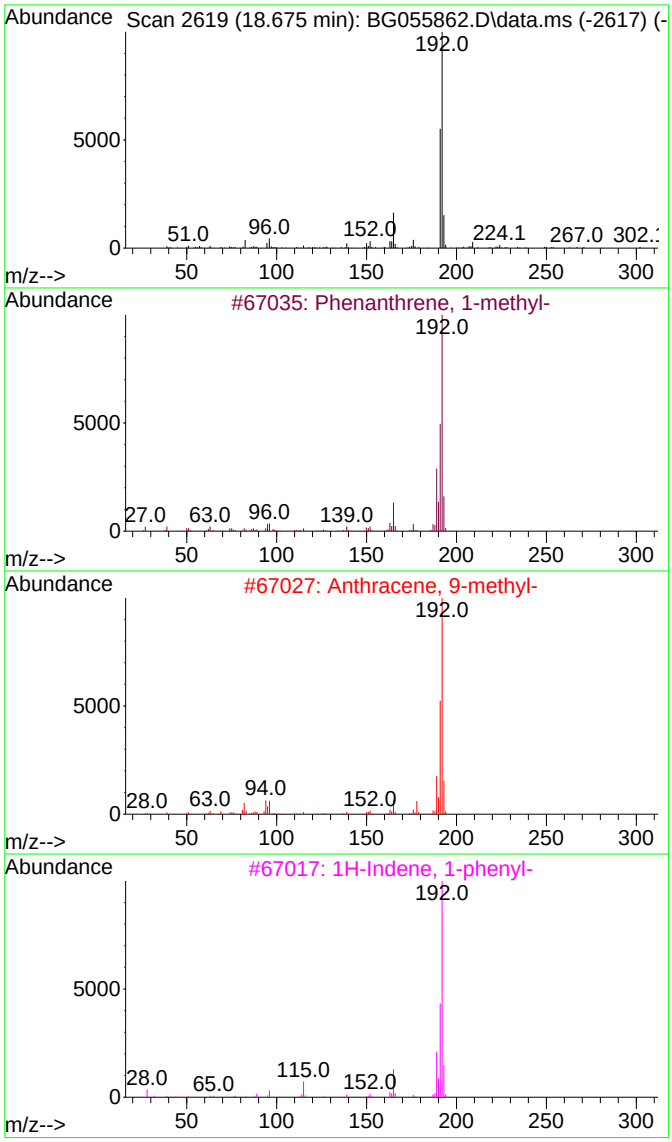
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

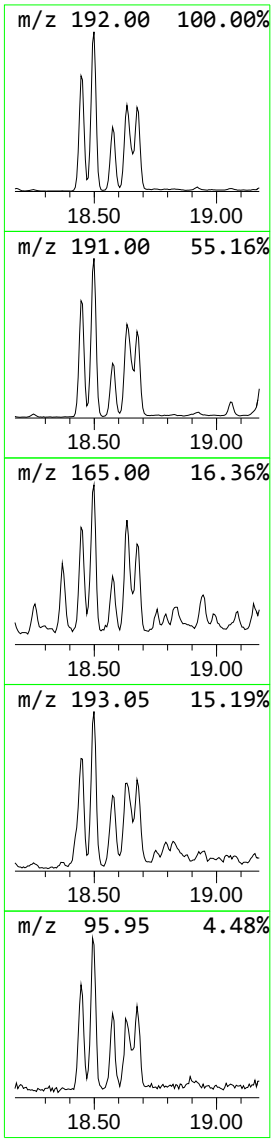
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.675	10.12 ng	307665	Phenanthrene-d10	17.576

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
3	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	90
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90





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Acq On : 1 Dec 2022 19:22
Operator : CG/JU
Sample : N5803-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PEQ-STOCK

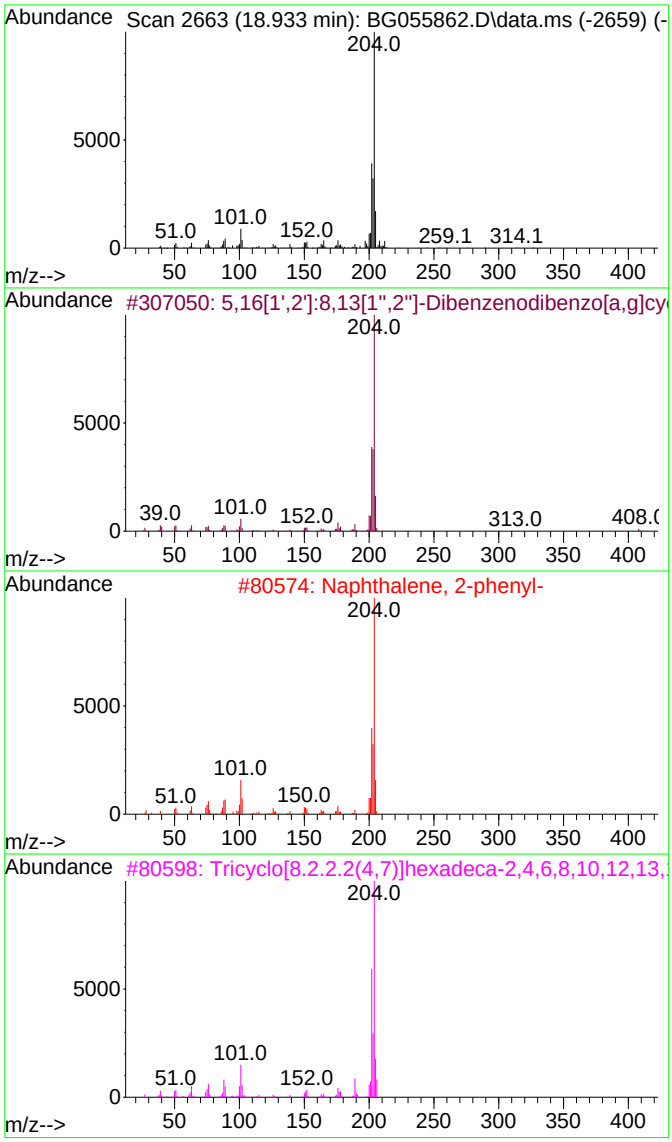
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

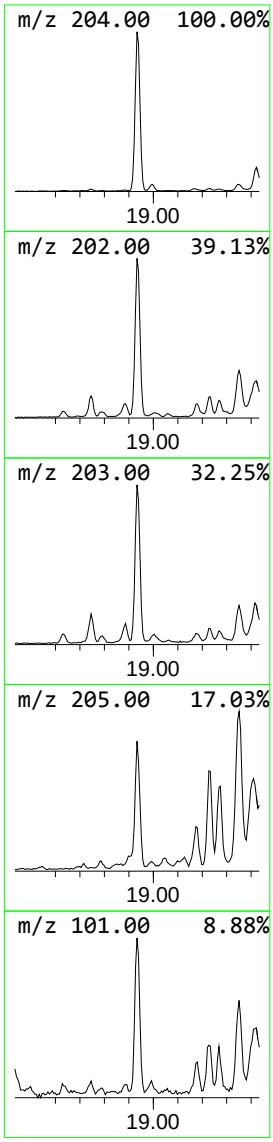
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.933	14.97 ng	454905	Phenanthrene-d10	17.576

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	91
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	70
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	49
5	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	47





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Sample : N5803-01
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ALS Vial : 10 Sample Multiplier: 1

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

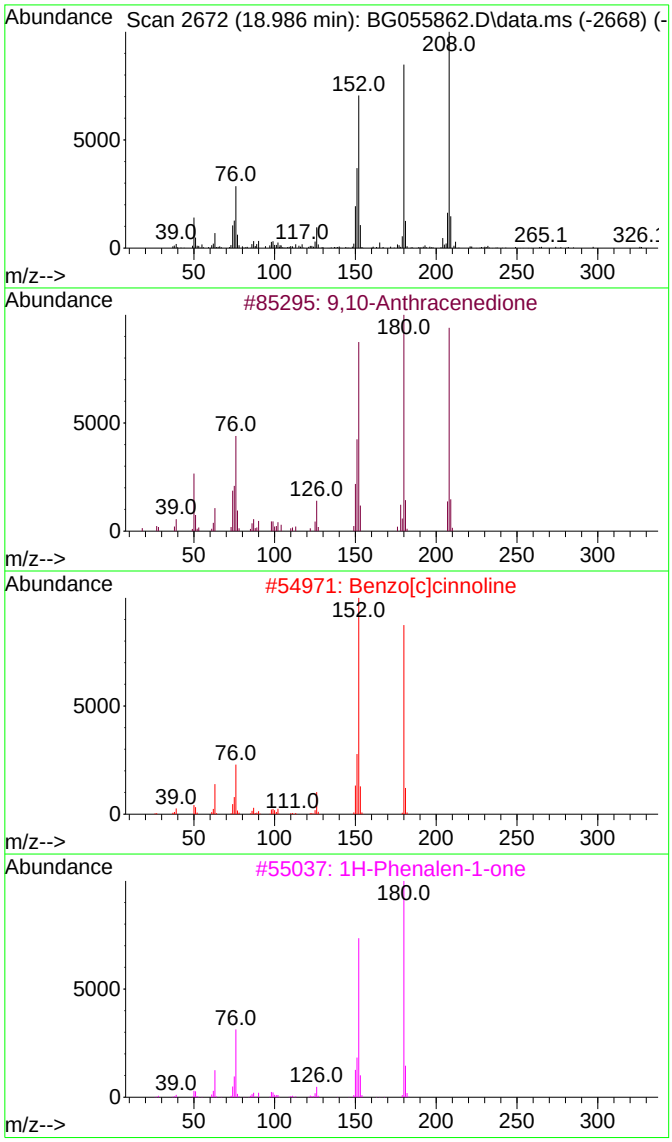
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

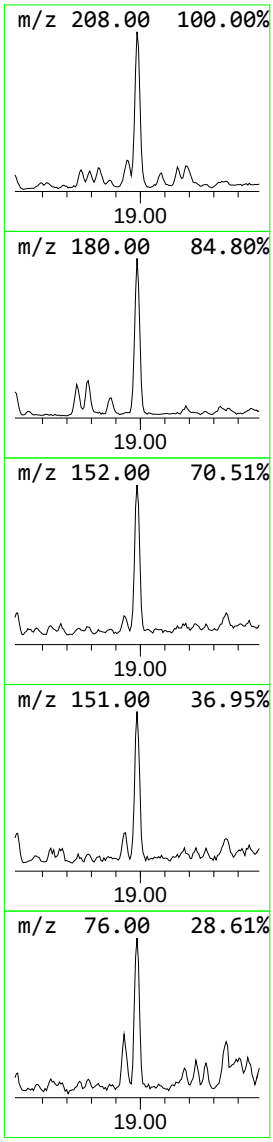
****

Peak Number 14 9,10-Anthracenedione Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.986	10.10 ng	307019	Phenanthrene-d10	17.576

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	60
3	1H-Phenalen-1-one	180	C13H8O	000548-39-0	60
4	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	55
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	52





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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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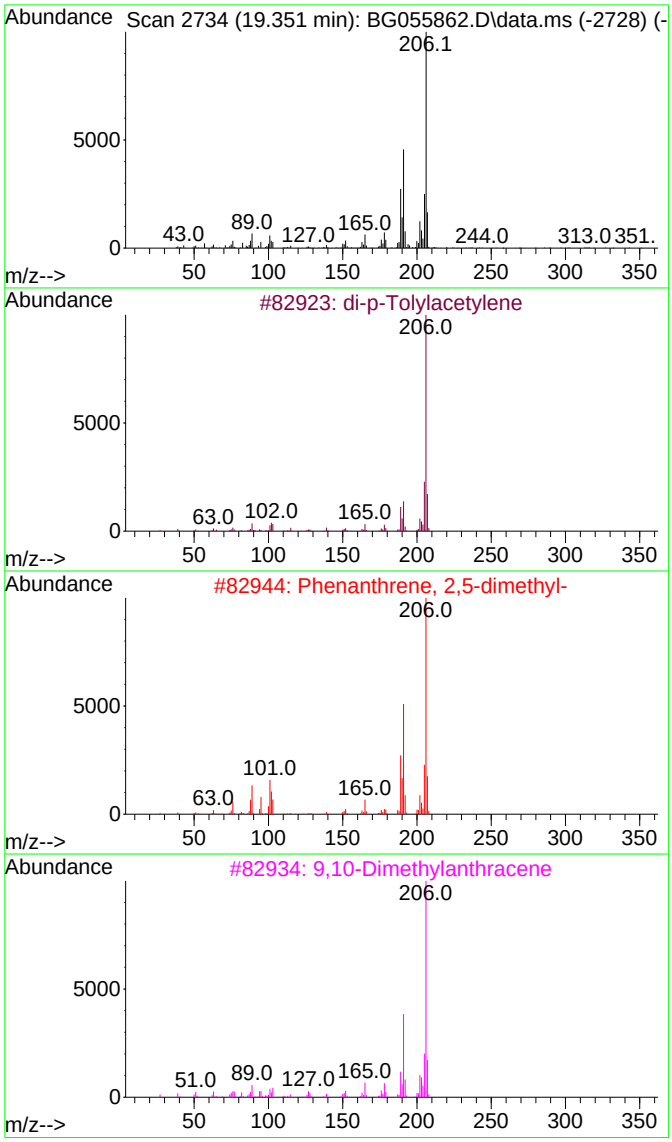
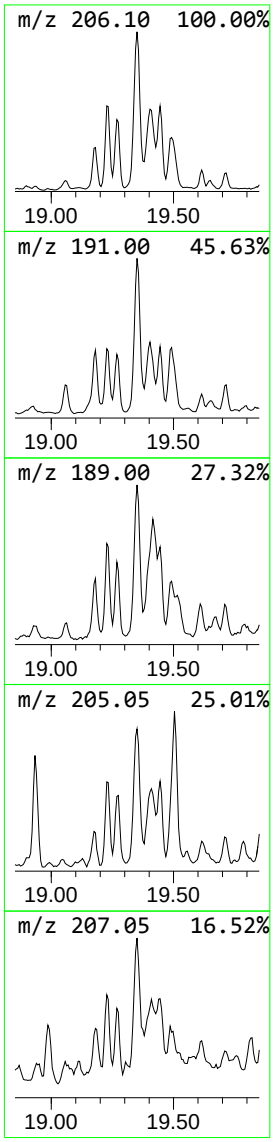
Peak Number 15 di-p-Tolylacetylene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.351	22.32 ng	678348	Phenanthrene-d10	17.576

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	94
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	90





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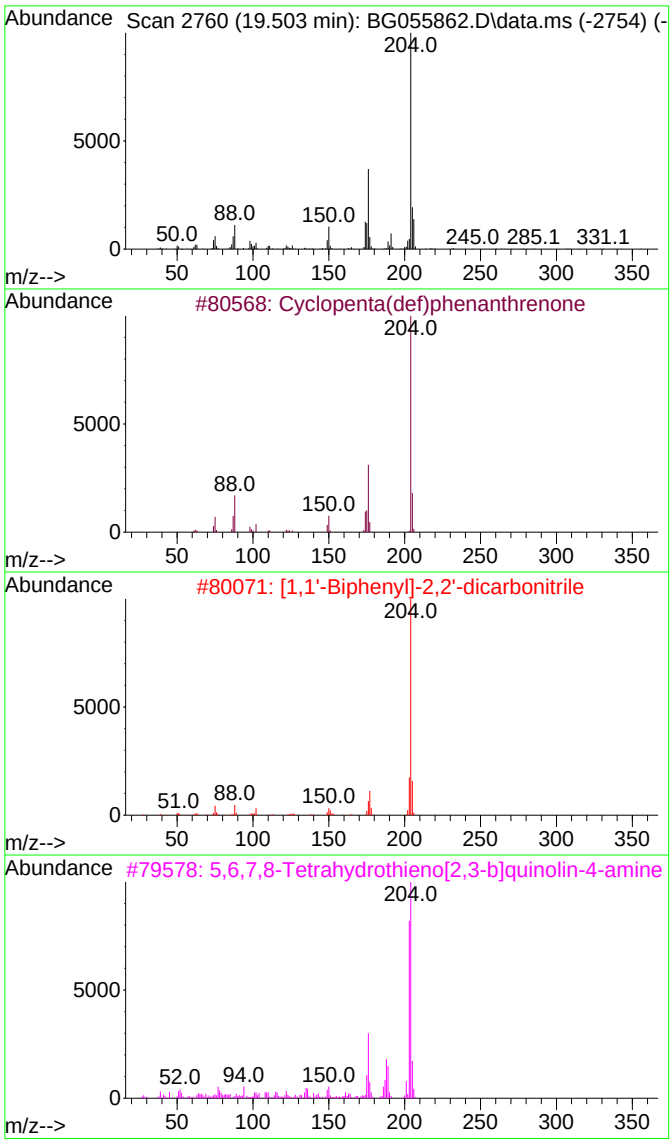
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

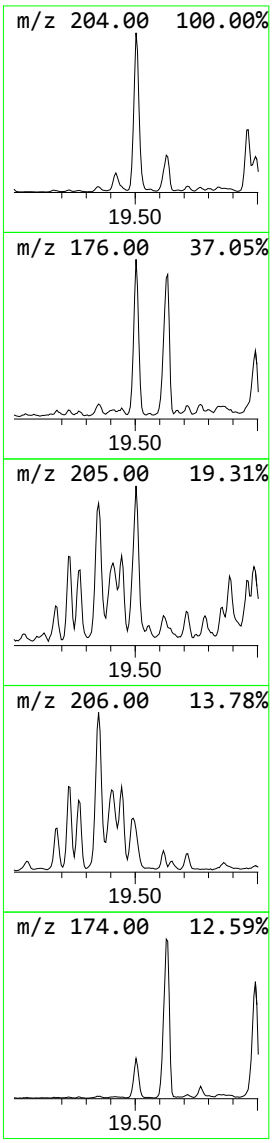
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Cyclopenta(def)phenanthrenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.503	22.96 ng	697826	Phenanthrene-d10	17.576

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	94
2	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	59
3	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	59
4	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	59
5	Ethyl .alpha.-D-glucopyranoside,...	496	C20H48O6Si4	1000365-90-0	47





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ALS Vial : 10 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

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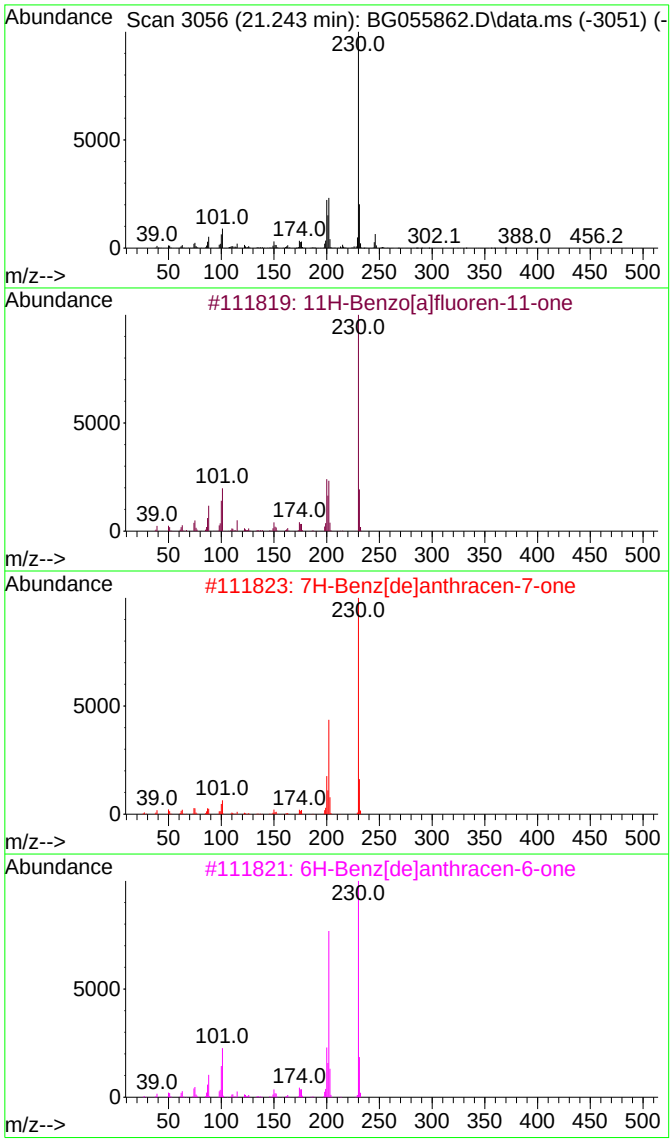
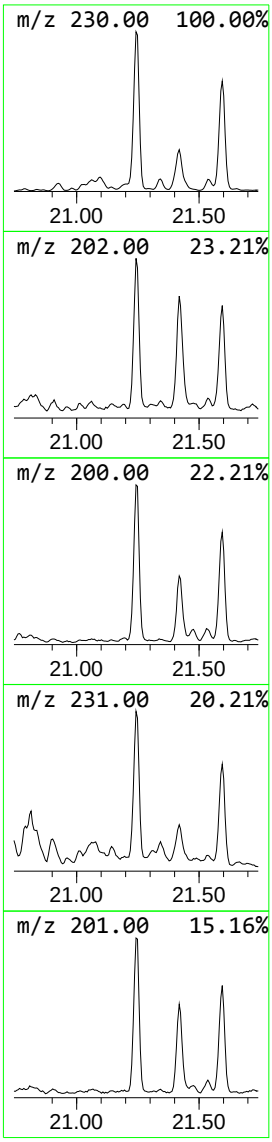
Peak Number 17 11H-Benzo[a]fluoren-11-one Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.243	6.42 ng	1604710	Chrysene-d12	21.877

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	89
4	4-Pyrenecarbaldehyde	230	C17H10O	022245-51-8	83
5	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	72





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Data File : BG055862.D
Acq On : 1 Dec 2022 19:22
Operator : CG/JU
Sample : N5803-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PEQ-STOCK

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.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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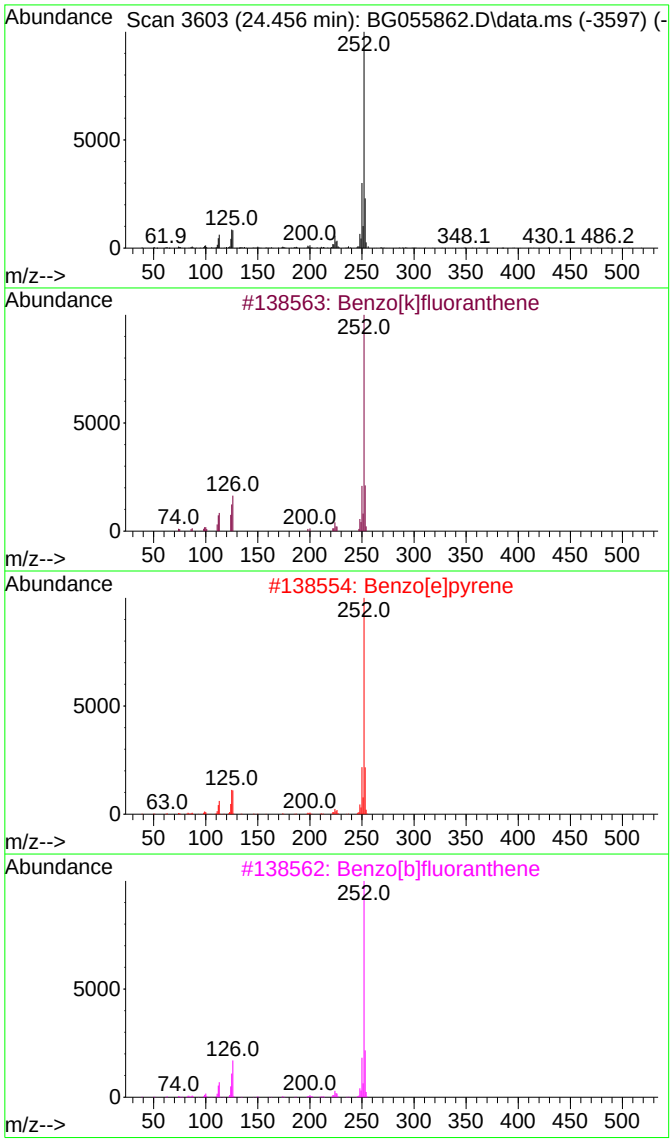
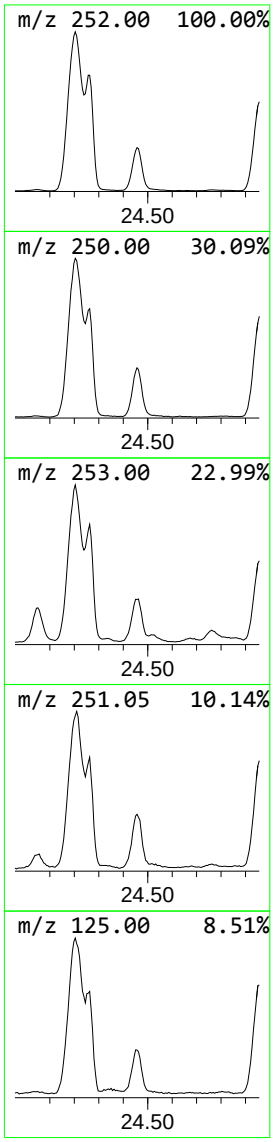
Peak Number 18 Benzo[e]pyrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.456	17.55 ng	875438	Perylene-d12	25.267

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
2	Benzo[e]pyrene	252	C20H12	000192-97-2	96
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
4	Benzo[a]pyrene	252	C20H12	000050-32-8	90
5	Perylene	252	C20H12	000198-55-0	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120122\
Data File : BG055862.D
Acq On : 1 Dec 2022 19:22
Operator : CG/JU
Sample : N5803-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PEQ-STOCK

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.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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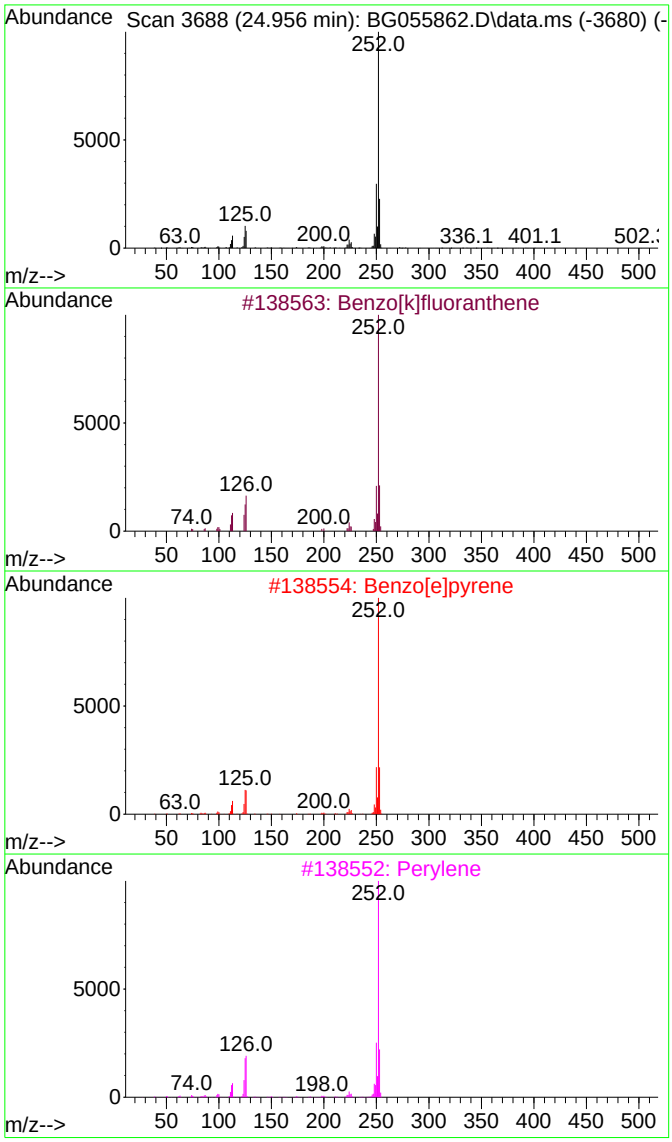
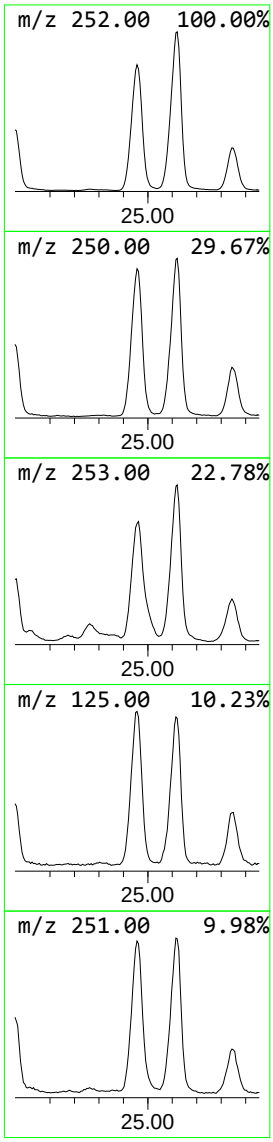
Peak Number 19 Perylene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.956	52.19 ng	2602930	Perylene-d12	25.267

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
2	Benzo[e]pyrene	252	C20H12	000192-97-2	95
3	Perylene	252	C20H12	000198-55-0	94
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
5	Benzo[a]pyrene	252	C20H12	000050-32-8	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120122\
Data File : BG055862.D
Acq On : 1 Dec 2022 19:22
Operator : CG/JU
Sample : N5803-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PEQ-STOCK

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.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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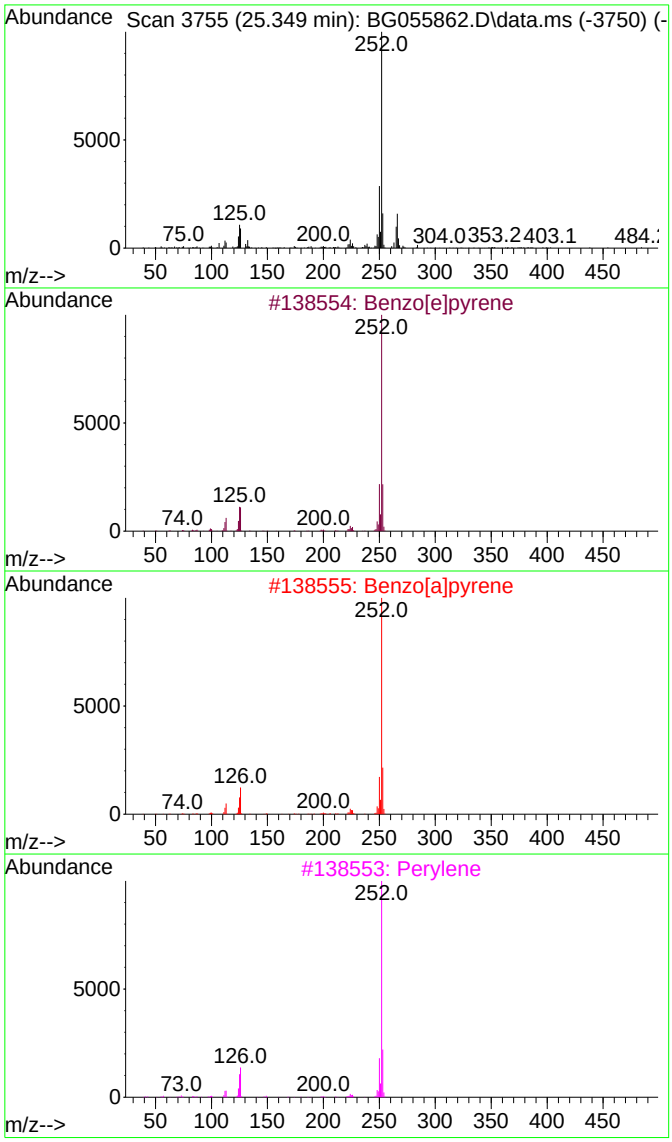
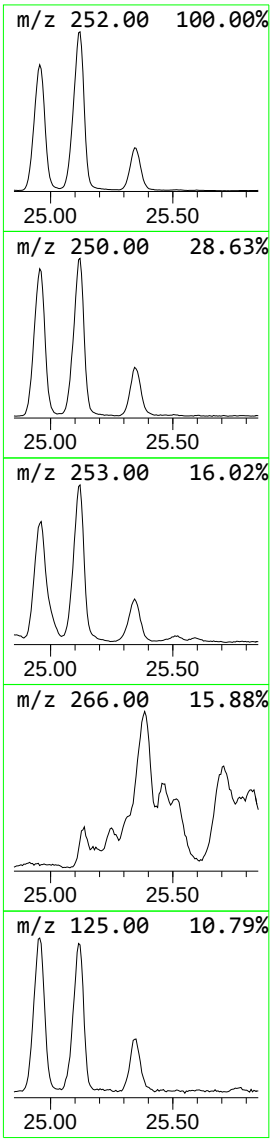
Peak Number 20 unknown25.349 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.349	20.00 ng	997418	Perylene-d12	25.267

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	86
2	Benzo[a]pyrene	252	C20H12	000050-32-8	70
3	Perylene	252	C20H12	000198-55-0	60
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	53
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	52





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120122\
Data File : BG055862.D
Acq On : 1 Dec 2022 19:22
Operator : CG/JU
Sample : N5803-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PEQ-STOCK

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.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-...	5.261	77.5	ng	994360	1	8.205	256748	20.0
Benzophenone	16.172	10.2	ng	256800	3	14.832	504437	20.0
unknown16.525	16.525	7.4	ng	224358	4	17.576	607776	20.0
9H-Fluorene, 2-...	16.877	6.2	ng	189351	4	17.576	607776	20.0
2,2-Dimethyl-1-...	17.100	6.9	ng	208433	4	17.576	607776	20.0
3'-Methyl-[1,1'...	17.142	6.1	ng	186584	4	17.576	607776	20.0
4-(4-Methylphen...	17.294	6.9	ng	209164	4	17.576	607776	20.0
Phenanthrene, 2...	18.446	24.7	ng	750325	4	17.576	607776	20.0
Phenanthrene, 1...	18.499	23.8	ng	721983	4	17.576	607776	20.0
Anthracene, 9-m...	18.575	8.1	ng	245488	4	17.576	607776	20.0
4H-Cyclopenta[d...	18.646	28.8	ng	874057	4	17.576	607776	20.0
1H-Indene, 1-ph...	18.675	10.1	ng	307665	4	17.576	607776	20.0
5,16[1',2']:8,1...	18.933	15.0	ng	454905	4	17.576	607776	20.0
9,10-Anthracene...	18.986	10.1	ng	307019	4	17.576	607776	20.0
di-p-Tolylacety...	19.351	22.3	ng	678348	4	17.576	607776	20.0
Cyclopenta(def)...	19.503	23.0	ng	697826	4	17.576	607776	20.0
11H-Benzo[a]flu...	21.243	6.4	ng	1604710	5	21.877	4997760	20.0
Benzo[e]pyrene	24.456	17.6	ng	875438	6	25.267	997418	20.0
Perylene	24.956	52.2	ng	2602930	6	25.267	997418	20.0
unknown25.349	25.349	20.0	ng	997418	6	25.267	997418	20.0