LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090122\
Data File : BG054831.D
Acq On : 1 Sep 2022 21:09
Operator : CG/JU
Sample : N4443-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HD-01-083022

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-BG082522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG054831.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.210	320	327	337	rBV	78629	133837	5.33%	0.459%
2	5.692	401	409	425	rBV	790110	1317841	52.48%	4.524%
3	7.301	674	683	699	rBV	787156	1380192	54.97%	4.738%
4	8.147	817	827	834	rBV	183336	317063	12.63%	1.089%
5	9.323	1019	1027	1038	rBV	478842	861263	34.30%	2.957%
6	10.974	1301	1308	1315	rBV	254257	458391	18.26%	1.574%
7	13.406	1713	1722	1729	rBV	1327102	2057710	81.95%	7.064%
8	14.105	1833	1841	1845	rBV	18106	32744	1.30%	0.112%
9	14.511	1903	1910	1922	rBV	38695	95197	3.79%	0.327%
10	14.781	1945	1956	1962	rBV	382384	622296	24.78%	2.136%
11	14.845	1962	1967	1973	rVB2	21244	34779	1.39%	0.119%
12	15.175	2014	2023	2029	rBV3	19242	36976	1.47%	0.127%
13	15.386	2051	2059	2064	rBV3	18960	38739	1.54%	0.133%
14	15.556	2082	2088	2092	rBV4	13624	31838	1.27%	0.109%
15	15.827	2128	2134	2145	rVB2	33524	69656	2.77%	0.239%
16	15.944	2145	2154	2158	rBV6	10044	26522	1.06%	0.091%
17	16.115	2175	2183	2190	rVB3	13582	29102	1.16%	0.100%
18	16.267	2202	2209	2217	rBV	877924	1364271	54.33%	4.684%
19	16.461	2237	2242	2244	rBV2	20964	34090	1.36%	0.117%
20	16.491	2244	2247	2254	rVB4	27915	55892	2.23%	0.192%
21	16.826	2296	2304	2309	rBV5	25107	55477	2.21%	0.190%
22	16.878	2309	2313	2318	rVB3	19421	33346	1.33%	0.114%
23	17.055	2336	2343	2347	rVV7	16015	37232	1.48%	0.128%
24	17.096	2347	2350	2359	rVV5	14678	32026	1.28%	0.110%
25	17.178	2359	2364	2370	rVV2	33562	58774	2.34%	0.202%
26	17.254	2372	2377	2381	rVB2	23992	37026	1.47%	0.127%
27	17.348	2388	2393	2401	rVB	38927	65167	2.60%	0.224%
28	17.531	2417	2424	2427	rBV	433605	684974	27.28%	2.352%
29	17.572	2427	2431	2437	rVB	619106	933684	37.18%	3.205%
30	17.660	2442	2446	2450	rVV	59552	92099	3.67%	0.316%
31	17.719	2451	2456	2461	rVB2	22957	48499	1.93%	0.167%
32	17.930	2487	2492	2498	rBV	43562	74870	2.98%	0.257%
33	18.042	2507	2511	2516	rVV	30774	43908	1.75%	0.151%
34	18.106	2518	2522	2528	rVB	54893	88585	3.53%	0.304%
35	18.253	2542	2547	2553	rVB	28142	57683	2.30%	0.198%
36	18.400	2567	2572	2576	rVV	186343	285413	11.37%	0.980%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090122\
Data File : BG054831.D
Acq On : 1 Sep 2022 21:09
Operator : CG/JU
Sample : N4443-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HD-01-083022

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-BG082522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	18.453	2576	2581	2587	rVB	225443	355707	14.17%	1.221%
38	18.535	2590	2595	2599	rBV3	31060	53434	2.13%	0.183%
39	18.594	2599	2605	2609	rBV3	239542	470301	18.73%	1.615%
40	18.635	2609	2612	2616	rVB	146292	197020	7.85%	0.676%
41	18.682	2617	2620	2622	rBV2	21565	30139	1.20%	0.103%
42	18.894	2652	2656	2660	rBV	108888	160535	6.39%	0.551%
43	18.941	2660	2664	2673	rVB2	159140	261121	10.40%	0.896%
44	19.135	2690	2697	2702	rBV3	78641	163753	6.52%	0.562%
45	19.187	2703	2706	2710	rBV	75552	94452	3.76%	0.324%
46	19.229	2710	2713	2721	rVB2	52674	75222	3.00%	0.258%
47	19.311	2722	2727	2732	rBV	243816	449560	17.90%	1.543%
48	19.458	2746	2752	2757	rBV4	117586	249395	9.93%	0.856%
49	19.575	2767	2772	2778	rVB	1365679	2043946	81.40%	7.017%
50	19.634	2778	2782	2785	rBV2	45484	66067	2.63%	0.227%
51	19.669	2785	2788	2793	rVB	56688	72261	2.88%	0.248%
52	19.728	2795	2798	2801	rBV	30829	42247	1.68%	0.145%
53	19.769	2802	2805	2808	rVB2	44726	54849	2.18%	0.188%
54	19.940	2829	2834	2841	rVB	1431512	2164453	86.20%	7.431%
55	20.004	2841	2845	2851	rVB	115542	165695	6.60%	0.569%
56	20.128	2861	2866	2871	rBV	1975852	2510980	100.00%	8.621%
57	20.257	2883	2888	2895	rBV3	125470	316779	12.62%	1.088%
58	20.421	2907	2916	2922	rVB	250474	623877	24.85%	2.142%
59	20.527	2931	2934	2937	rVB	116406	126988	5.06%	0.436%
60	20.586	2941	2944	2948	rVB	201823	243223	9.69%	0.835%
61	20.727	2964	2968	2971	rBV	189979	258104	10.28%	0.886%
62	20.774	2972	2976	2986	rVB2	166912	294858	11.74%	1.012%
63	21.197	3045	3048	3056	rVB	150299	228980	9.12%	0.786%
64	21.432	3084	3088	3093	rVB2	229556	336097	13.39%	1.154%
65	21.808	3146	3152	3159	rBV3	725096	1953728	77.81%	6.707%
66	21.873	3159	3163	3175	rVB	636005	1195776	47.62%	4.105%
67	24.135	3540	3548	3555	rBV2	362778	1302884	51.89%	4.473%
68	25.051	3698	3704	3715	rVB	327686	938105	37.36%	3.221%

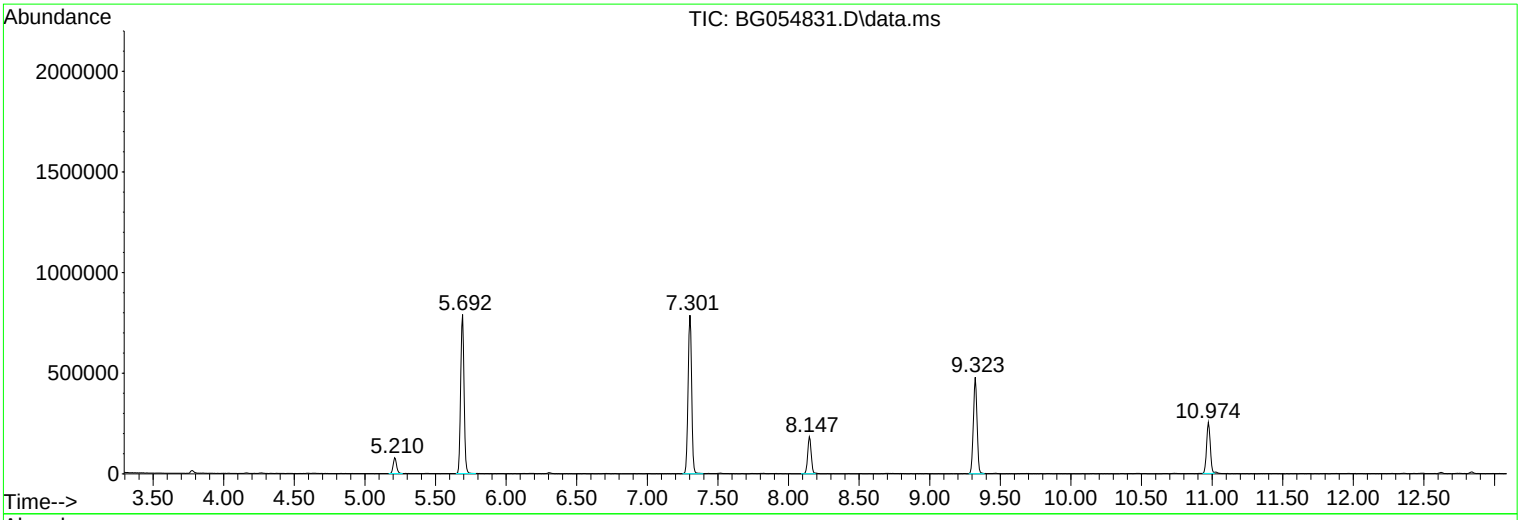
Sum of corrected areas: 29127698

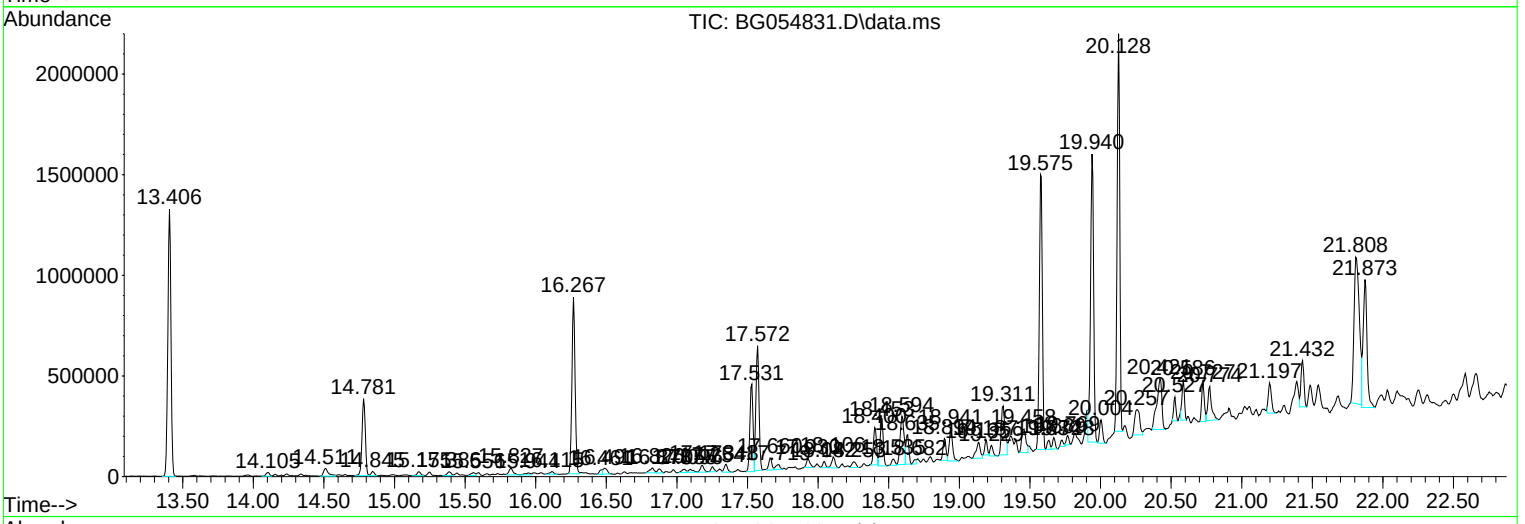
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090122\
Data File : BG054831.D
Acq On : 1 Sep 2022 21:09
Operator : CG/JU
Sample : N4443-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

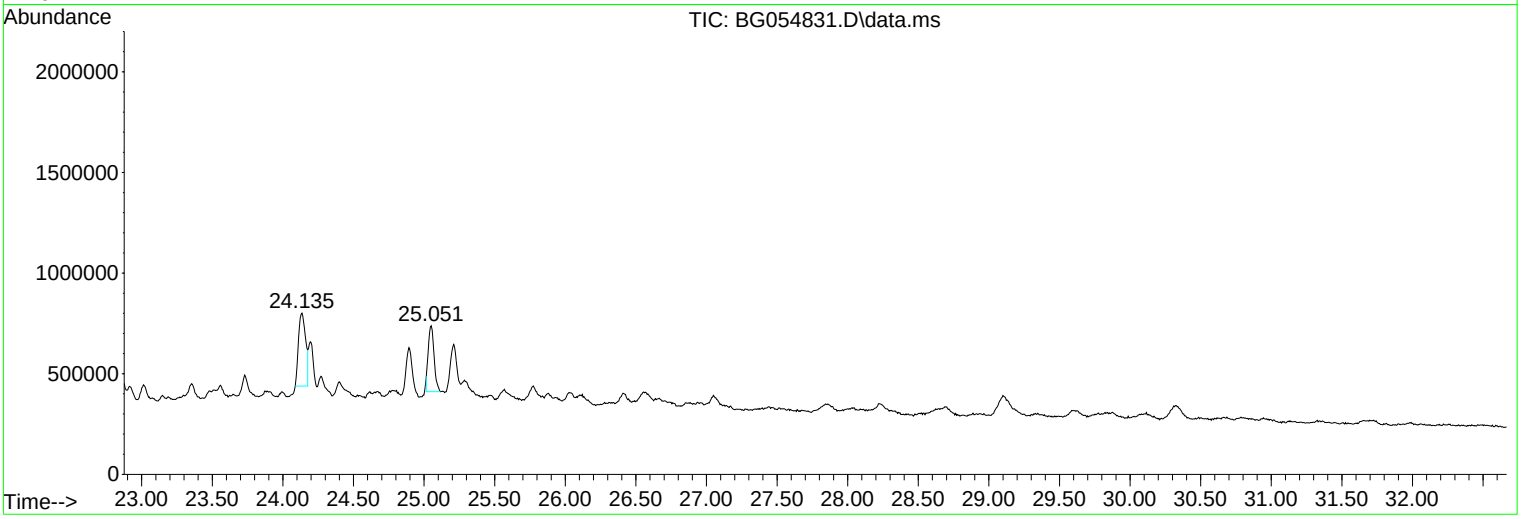
Instrument :
BNA_G
ClientSampleId :
HD-01-083022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.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\BG090122\
Data File : BG054831.D
Acq On : 1 Sep 2022 21:09
Operator : CG/JU
Sample : N4443-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HD-01-083022

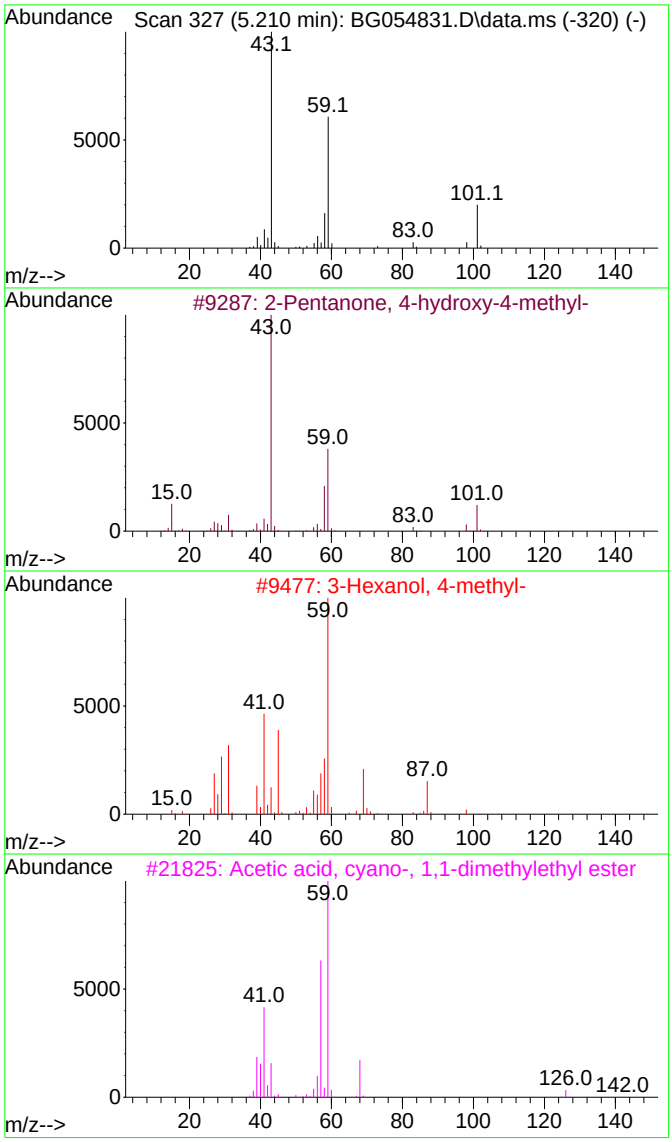
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

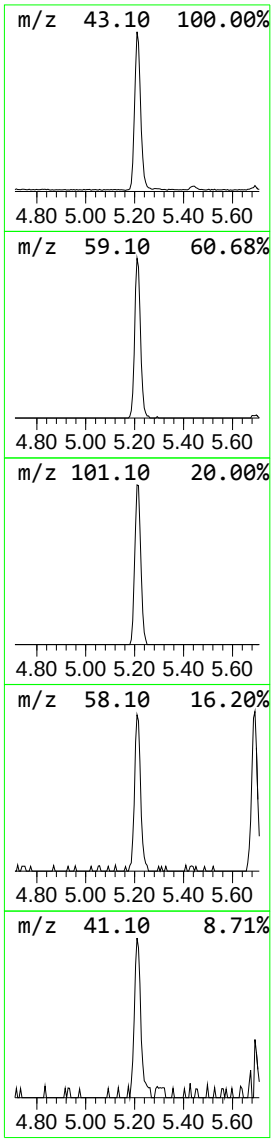
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.210	8.44 ng	133837	1,4-Dichlorobenzene-d4	8.147

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4	1,2-Butanediol	90	C4H10O2	000584-03-2	17
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090122\
Data File : BG054831.D
Acq On : 1 Sep 2022 21:09
Operator : CG/JU
Sample : N4443-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HD-01-083022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

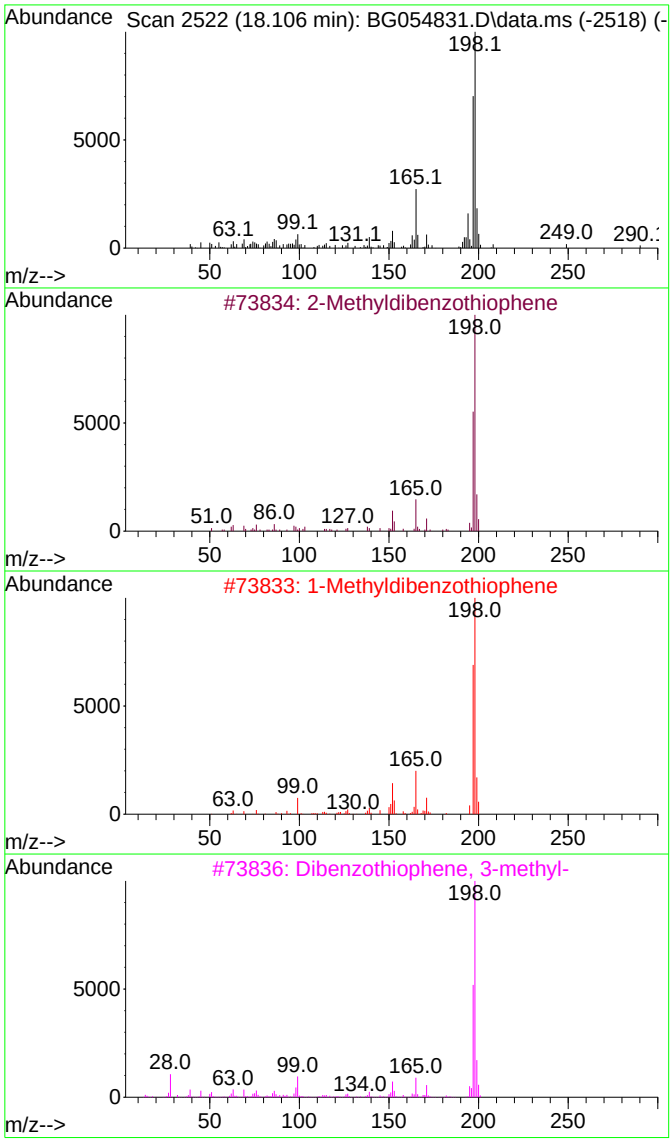
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

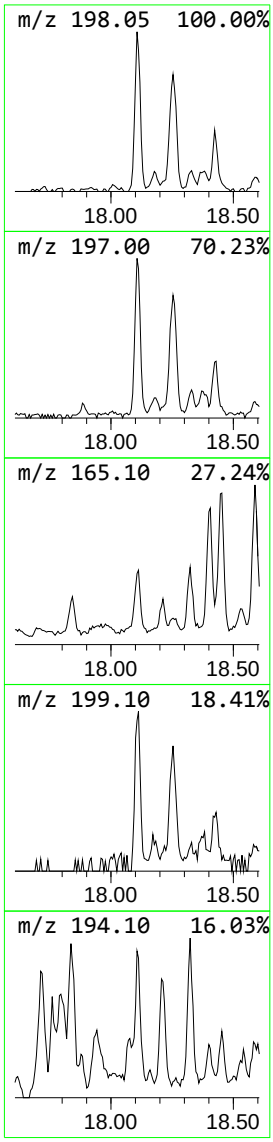
****

Peak Number 3 2-Methyldibenzothiophene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.106	2.59 ng	88585	Phenanthrene-d10	17.531

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyldibenzothiophene	198	C13H10S	1000383-55-1	87
2	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	83
3	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	64
4	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	64
5	Benzene, 1,1'-(1-fluoro-1,2-ethe...	198	C14H11F	000671-19-2	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090122\
Data File : BG054831.D
Acq On : 1 Sep 2022 21:09
Operator : CG/JU
Sample : N4443-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HD-01-083022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

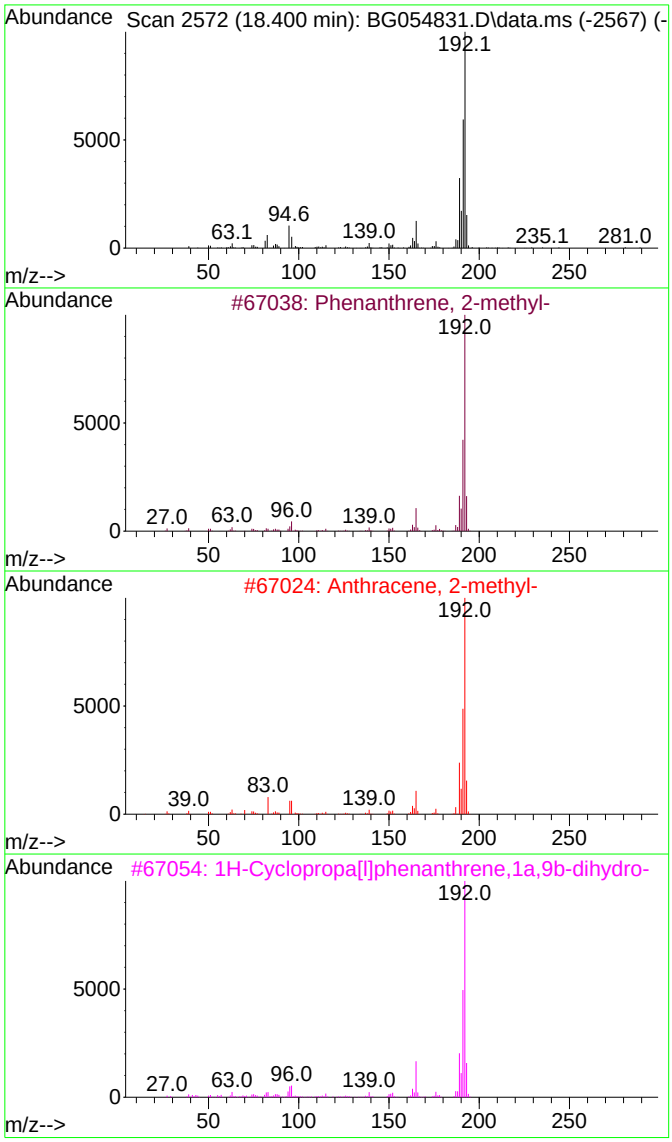
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

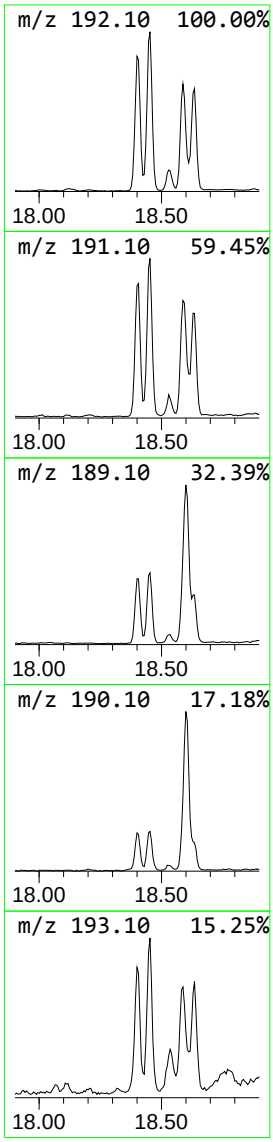
****

Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.400	8.33 ng	285413	Phenanthrene-d10	17.531

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090122\
Data File : BG054831.D
Acq On : 1 Sep 2022 21:09
Operator : CG/JU
Sample : N4443-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HD-01-083022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

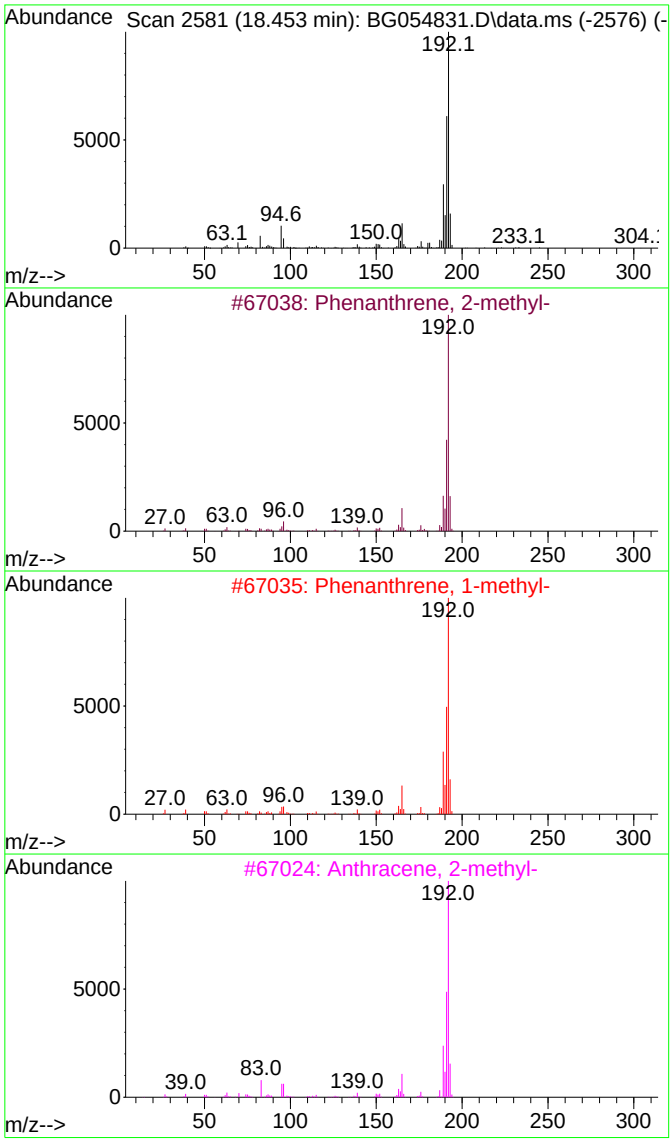
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

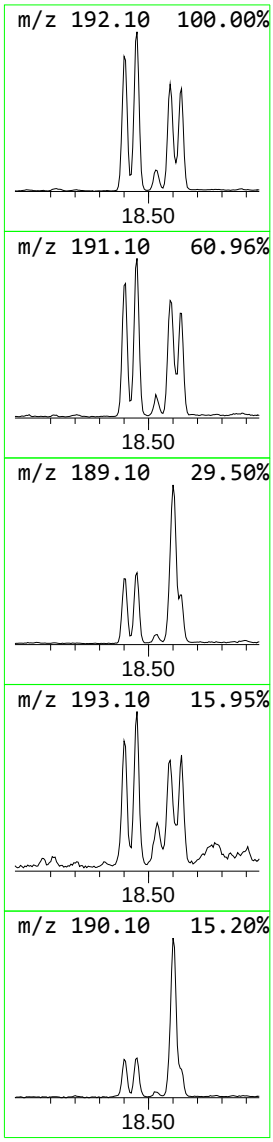
****

Peak Number 5 Phenanthrene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.453	10.39 ng	355707	Phenanthrene-d10	17.531

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090122\
Data File : BG054831.D
Acq On : 1 Sep 2022 21:09
Operator : CG/JU
Sample : N4443-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HD-01-083022

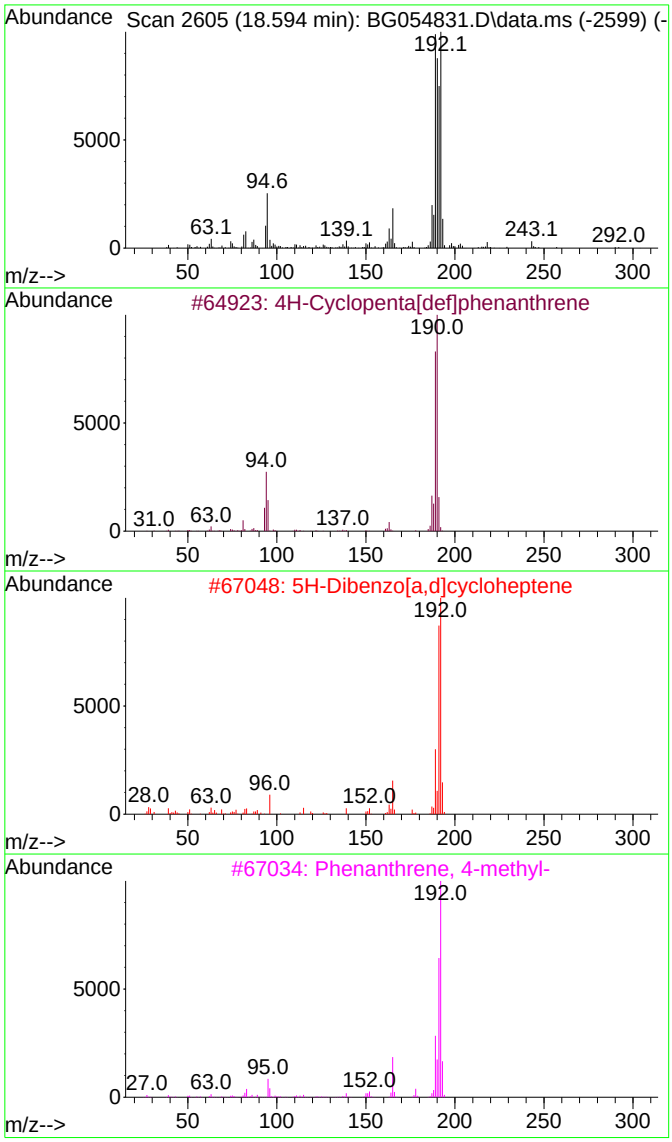
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

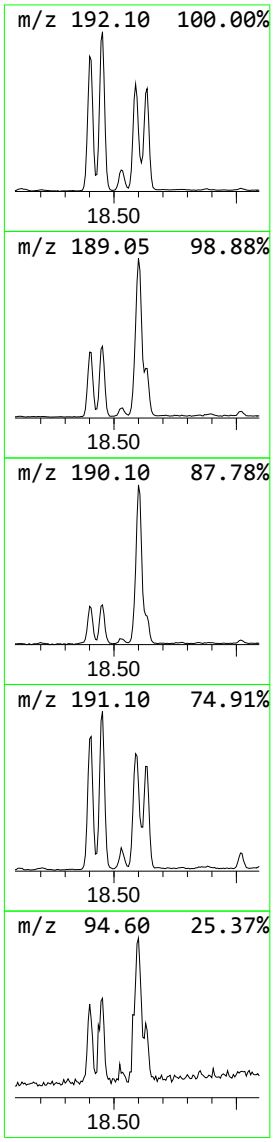
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.594	13.73 ng	470301	Phenanthrene-d10	17.531

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
2	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	50
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	46
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	46
5	Benzene, 1,1'-(1,2-propadienylid...	192	C15H12	014251-57-1	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090122\
Data File : BG054831.D
Acq On : 1 Sep 2022 21:09
Operator : CG/JU
Sample : N4443-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HD-01-083022

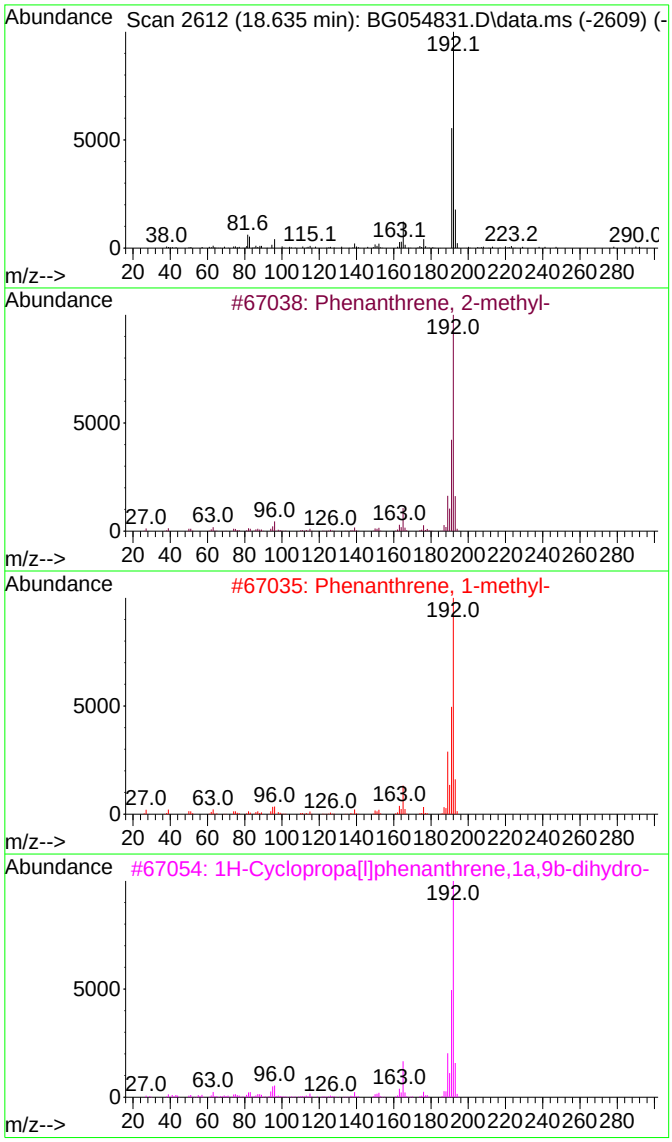
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

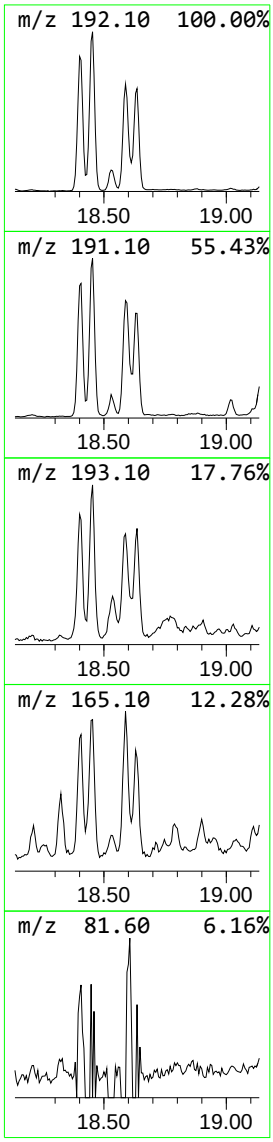
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 1H-Cyclopropa[l]phenanthren... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.635	5.75 ng	197020	Phenanthrene-d10	17.531

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090122\
Data File : BG054831.D
Acq On : 1 Sep 2022 21:09
Operator : CG/JU
Sample : N4443-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HD-01-083022

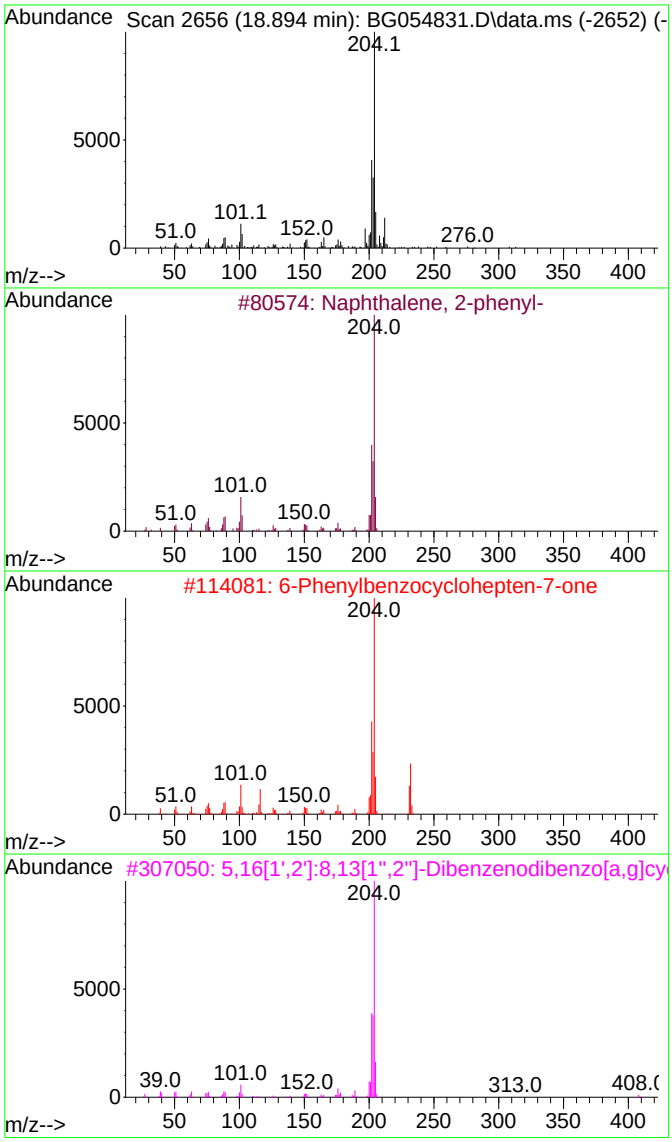
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

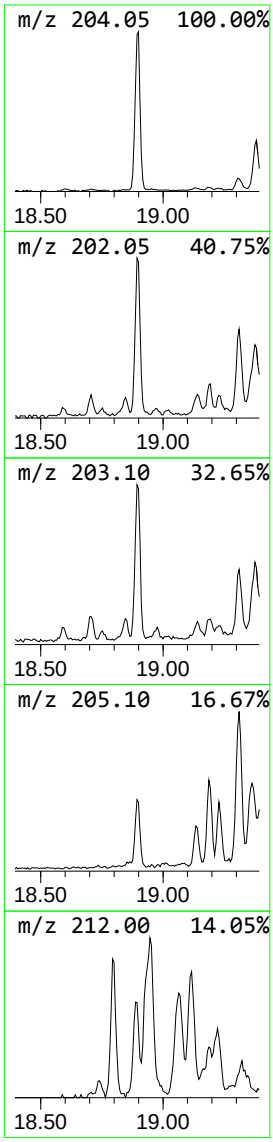
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Naphthalene, 2-phenyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.894	4.69 ng	160535	Phenanthrene-d10	17.531

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
2	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	72
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	72
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	53
5	6-Cyanophenanthridine	204	C14H8N2	002176-28-5	50





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Acq On : 1 Sep 2022 21:09
Operator : CG/JU
Sample : N4443-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HD-01-083022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.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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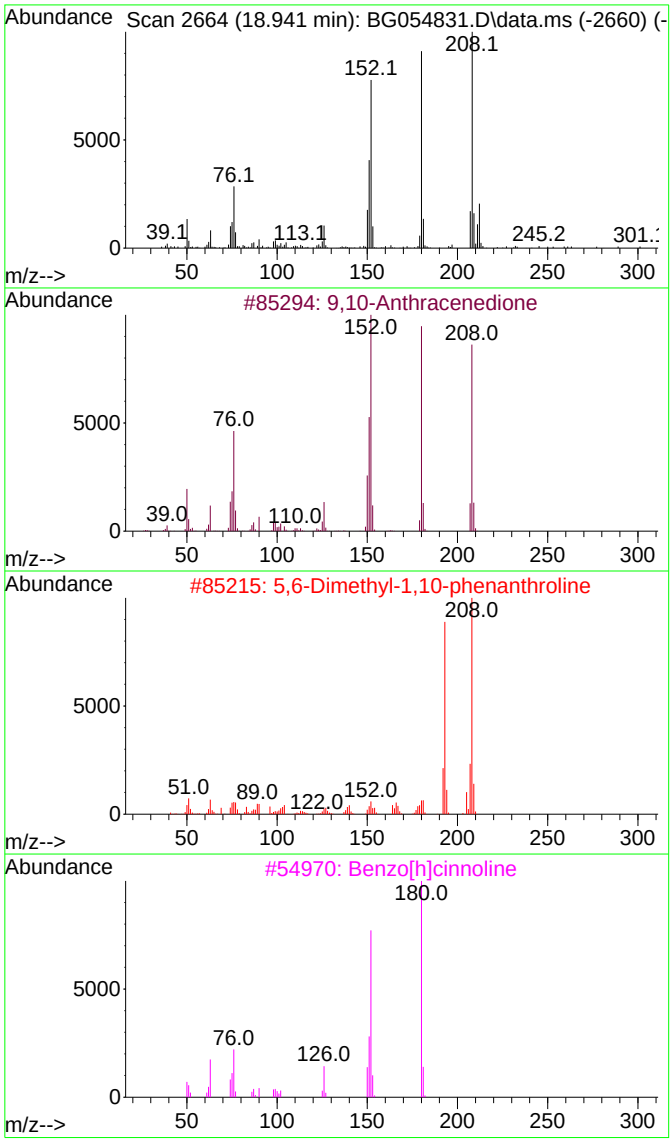
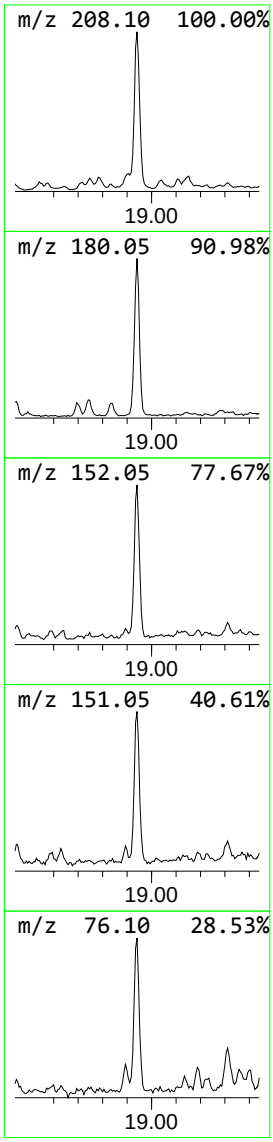
Peak Number 9 9,10-Anthracenedione Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.941	7.62 ng	261121	Phenanthrene-d10	17.531

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	5,6-Dimethyl-1,10-phenanthroline	208	C14H12N2	003002-81-1	58
3	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	55
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	55
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	55





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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HD-01-083022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.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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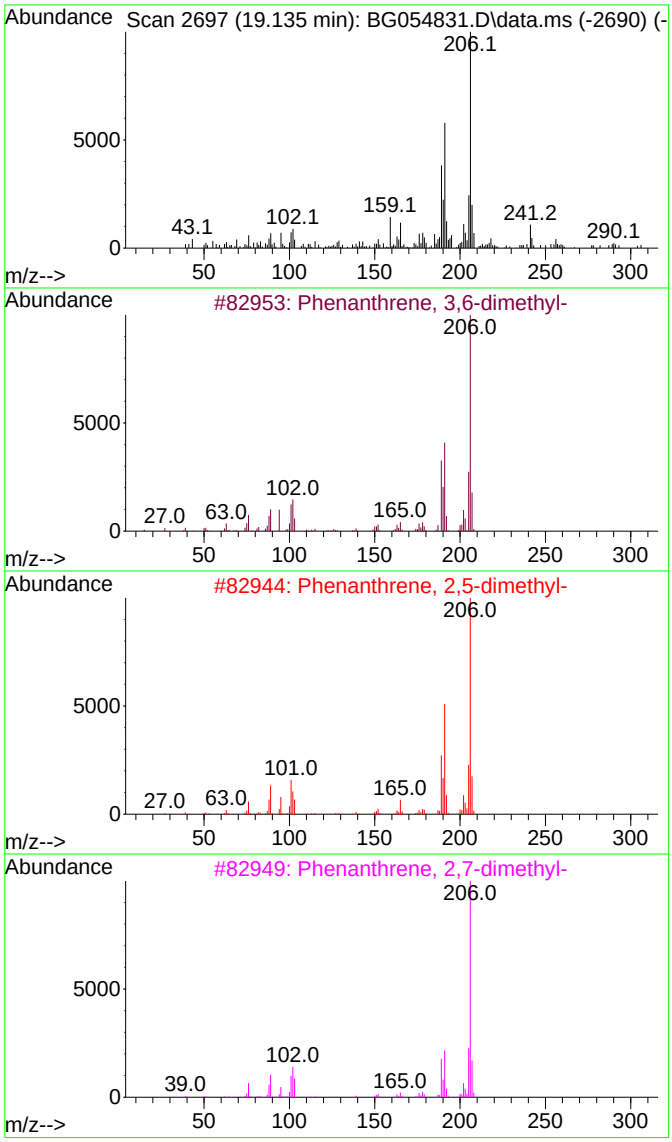
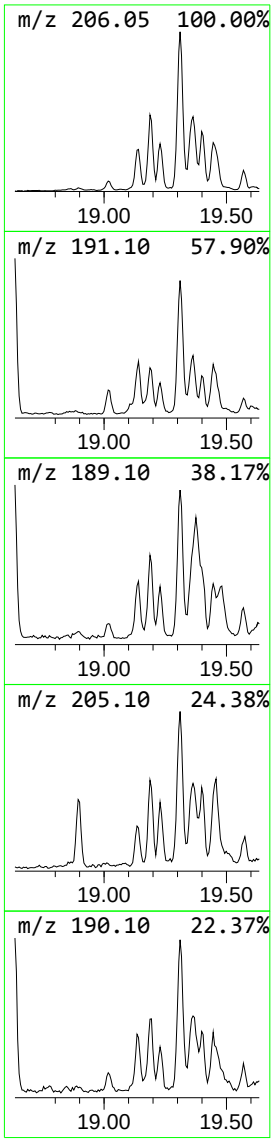
Peak Number 10 Phenanthrene, 3,6-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.135	4.78 ng	163753	Phenanthrene-d10	17.531

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	95
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	93
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	90
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90





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ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HD-01-083022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.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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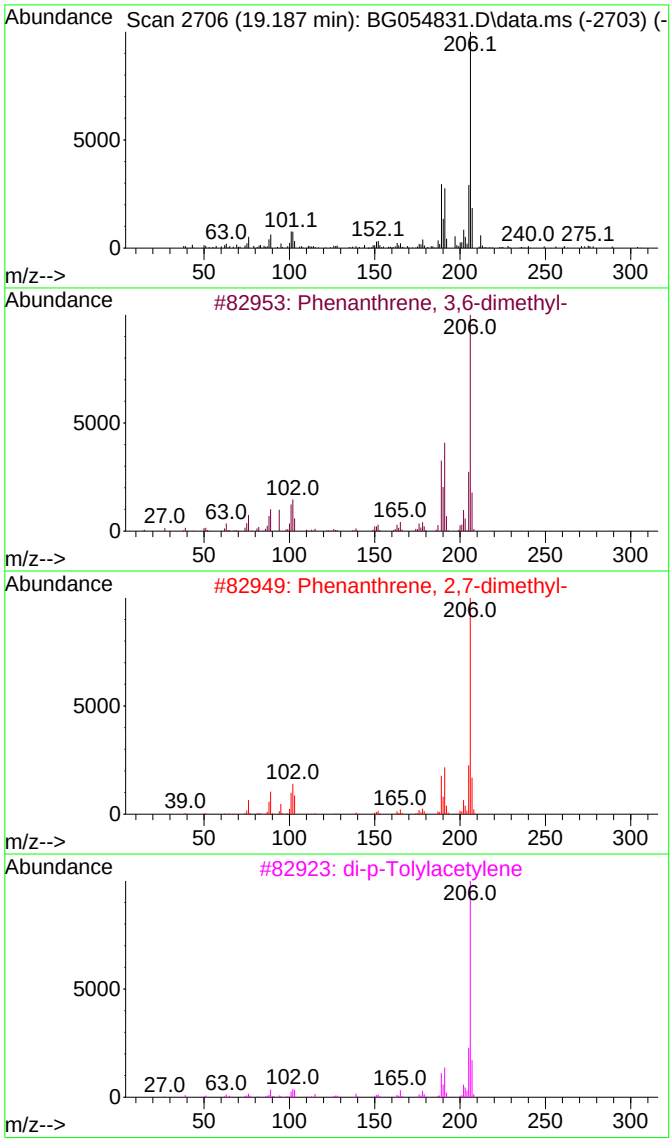
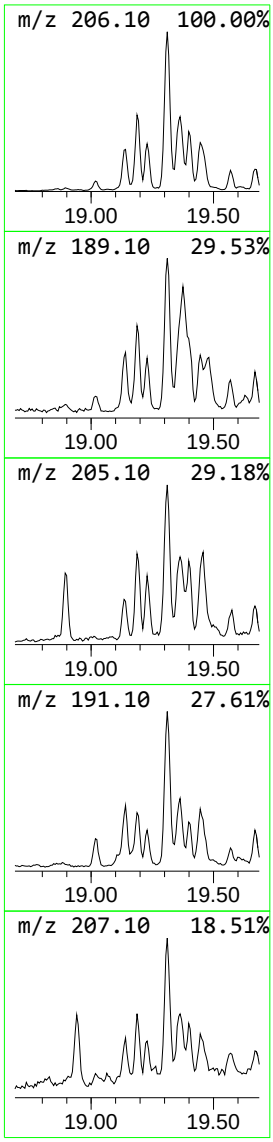
Peak Number 11 Phenanthrene, 2,7-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.188	2.76 ng	94452	Phenanthrene-d10	17.531

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	95
2	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	94
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	94
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
5	1,4-Diphenyl-1,3-butadiene	206	C16H14	000886-65-7	80





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Sample : N4443-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HD-01-083022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.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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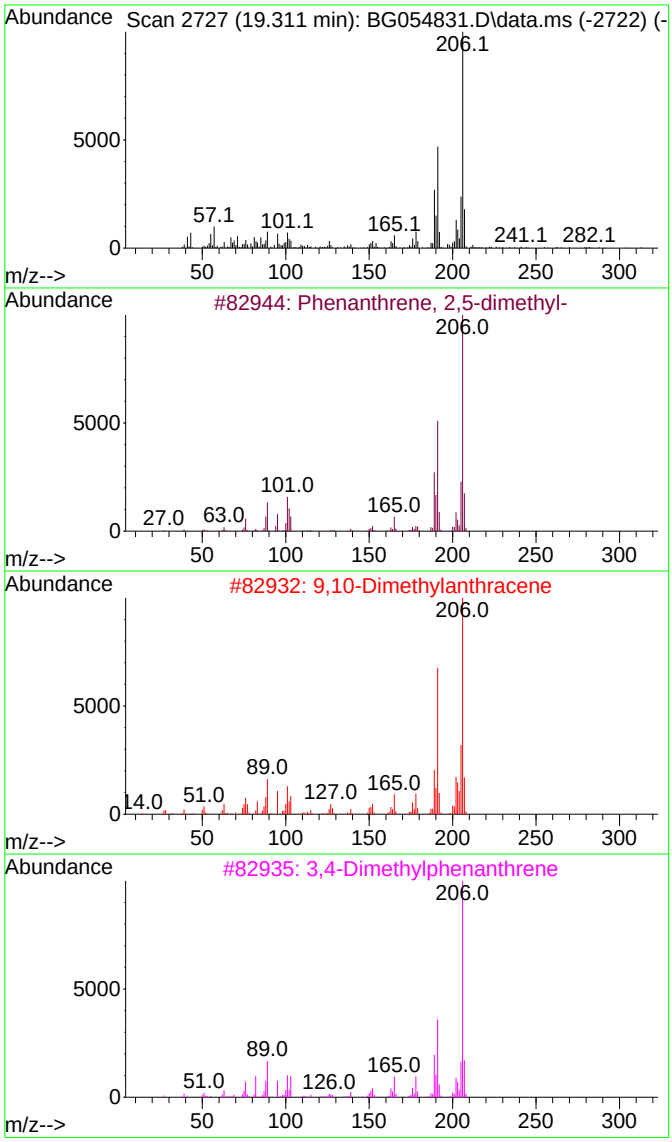
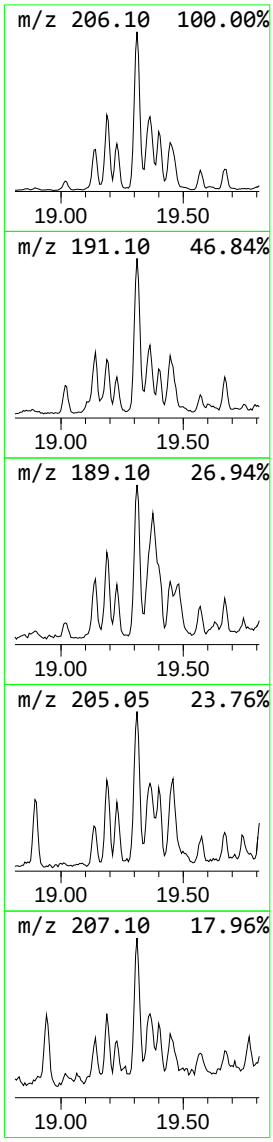
Peak Number 12 Phenanthrene, 2,5-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.311	13.13 ng	449560	Phenanthrene-d10	17.531

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	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	90
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	86





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Sample : N4443-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

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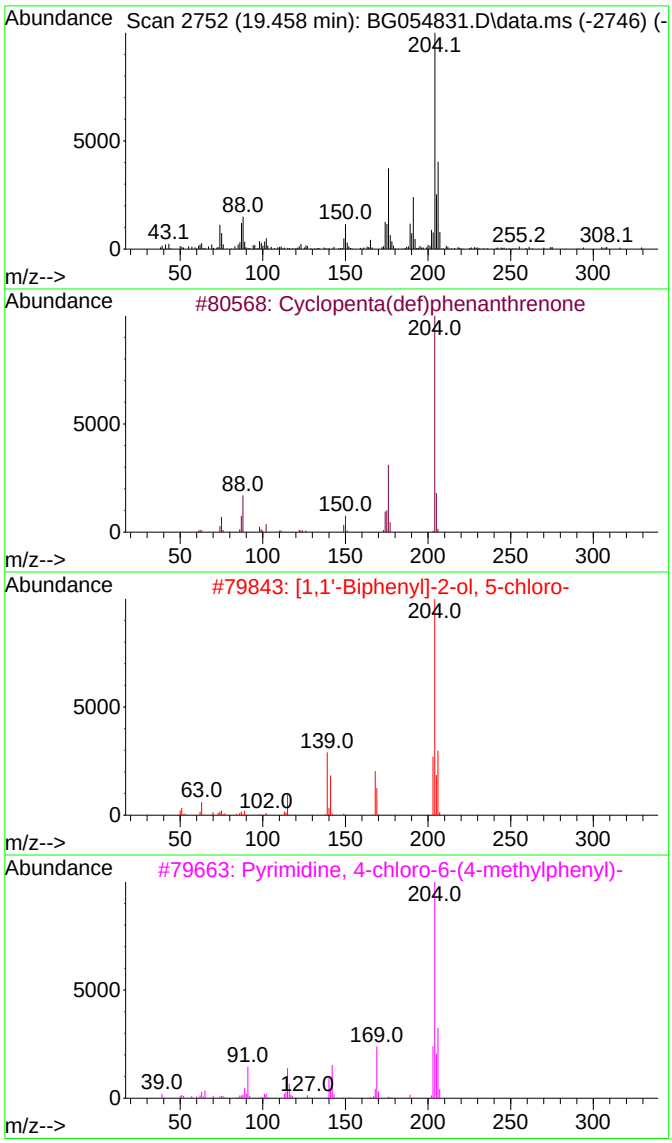
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

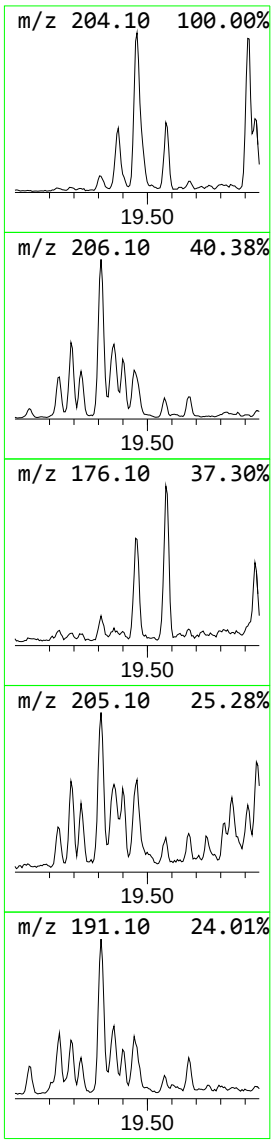
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Cyclopenta(def)phenanthrenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.458	7.28 ng	249395	Phenanthrene-d10	17.531

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	92
2	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	47
3	Pyrimidine, 4-chloro-6-(4-methyl...	204	C11H9ClN2	1000380-55-8	47
4	Benzene, 1-chloro-3-phenoxy-	204	C12H9ClO	006452-49-9	46
5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	43





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Sample : N4443-01
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

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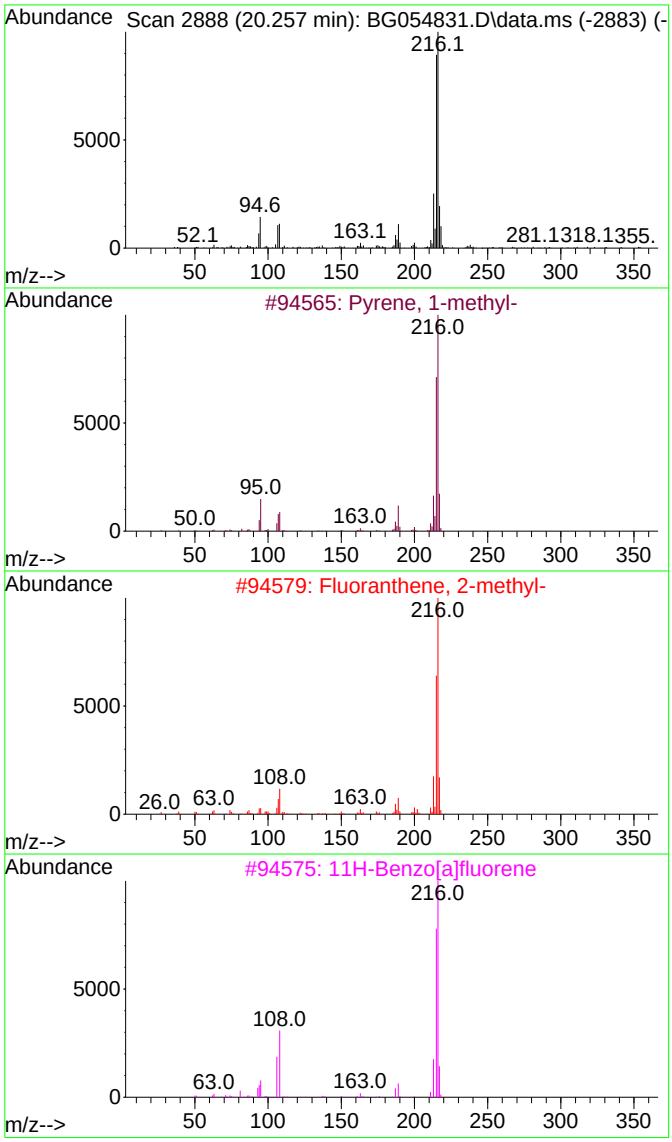
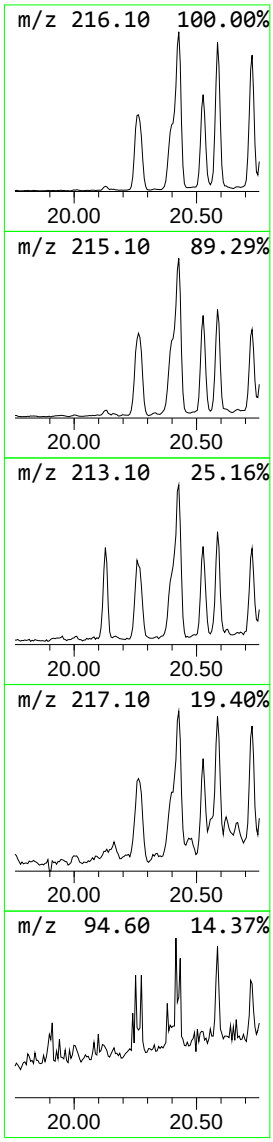
Peak Number 14 Pyrene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.257	3.24 ng	316779	Chrysene-d12	21.826

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	83
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	83





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Operator : CG/JU
Sample : N4443-01
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

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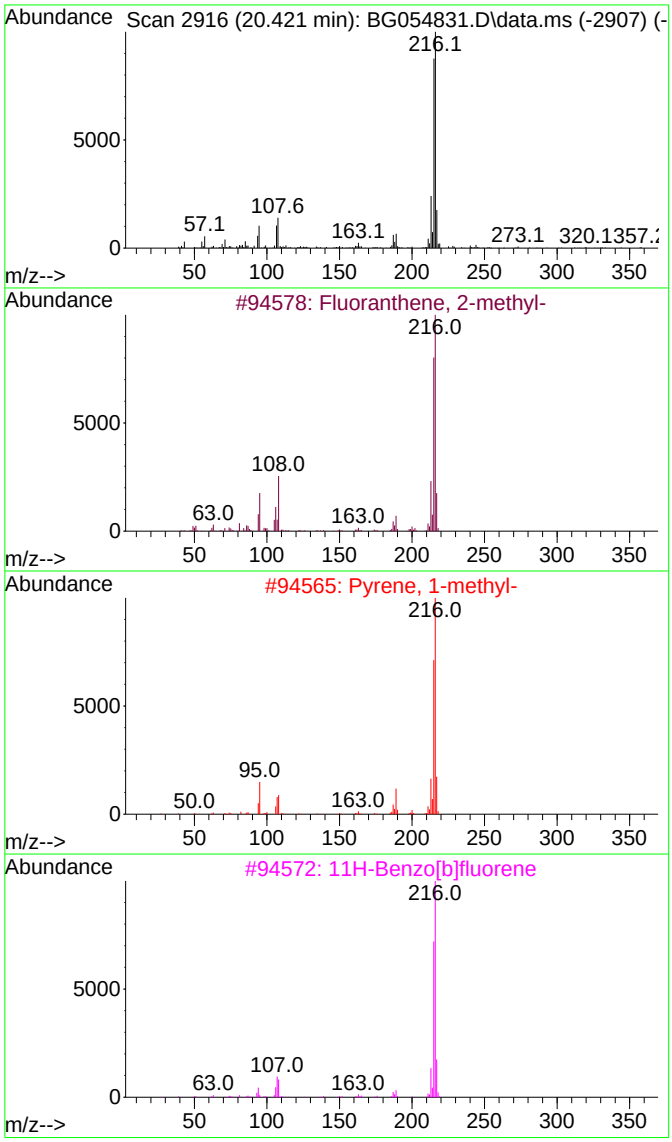
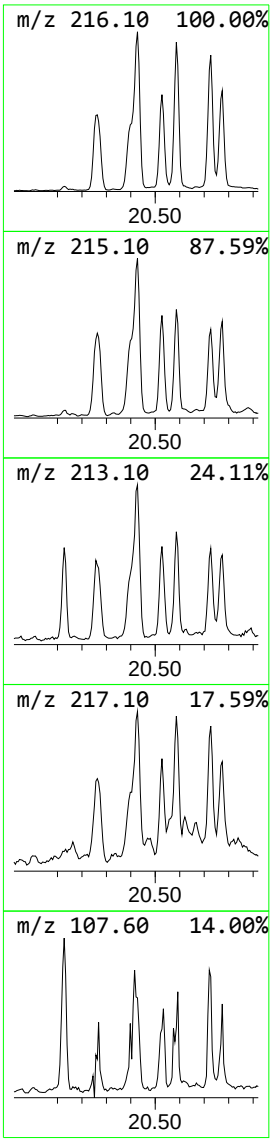
Peak Number 15 Fluoranthene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.421	6.39 ng	623877	Chrysene-d12	21.826

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	81





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Sample : N4443-01
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

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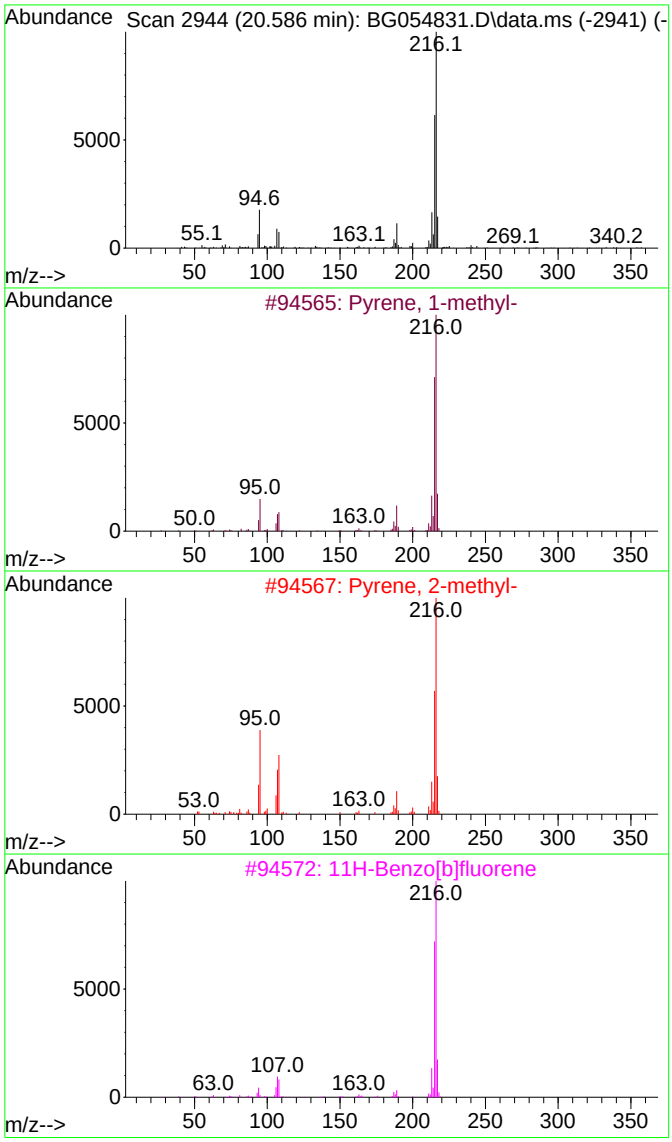
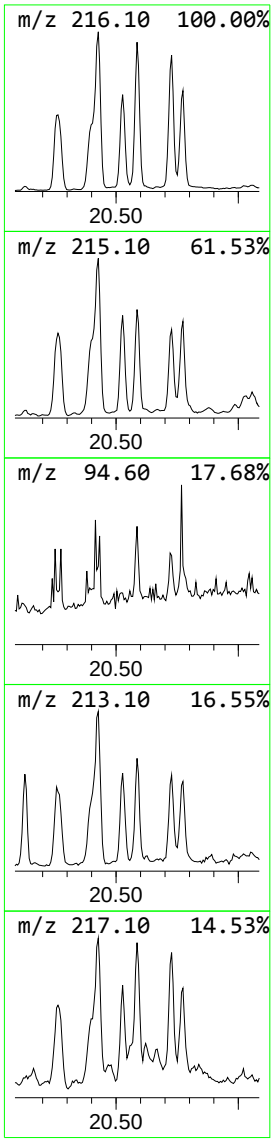
Peak Number 16 Pyrene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.586	2.49 ng	243223	Chrysene-d12	21.826

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83





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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HD-01-083022

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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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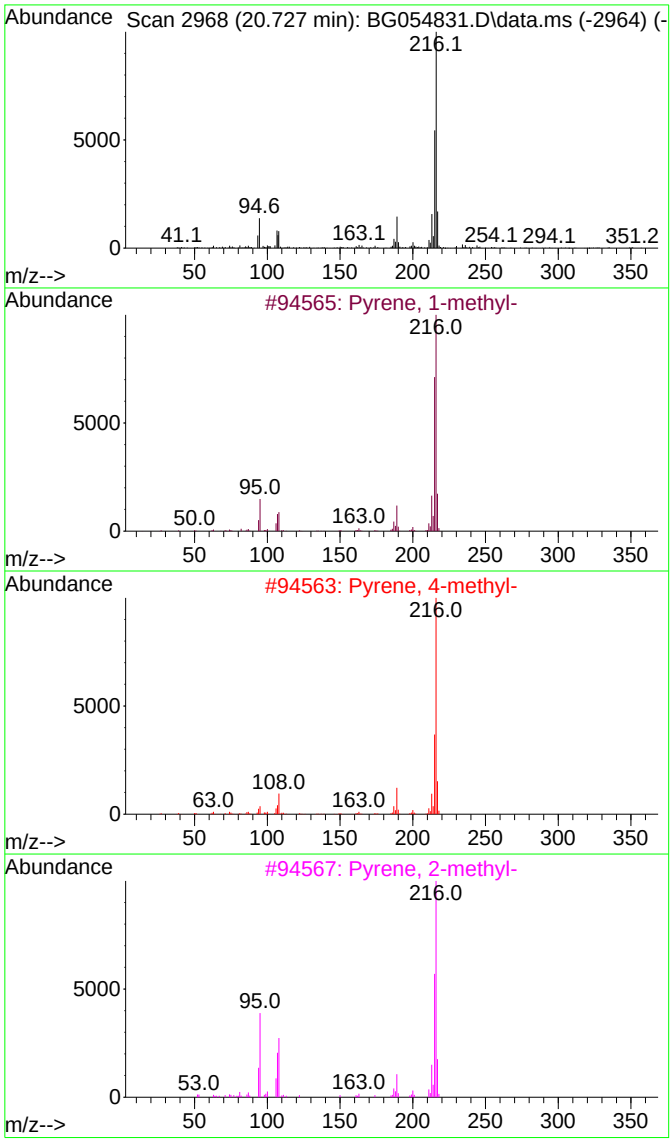
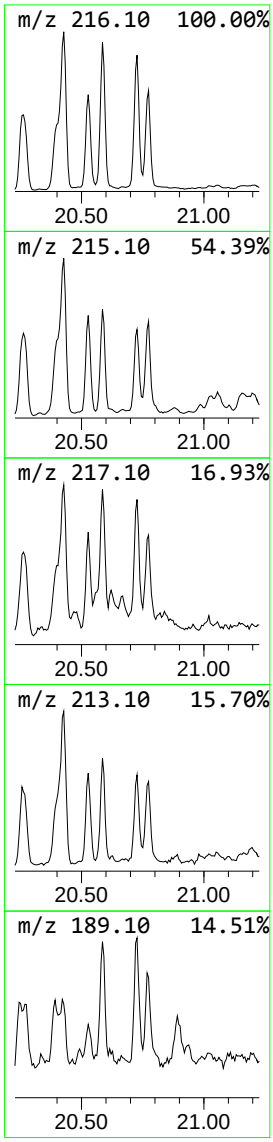
Peak Number 17 Pyrene, 4-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.727	2.64 ng	258104	Chrysene-d12	21.826

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	97
2	Pyrene, 4-methyl-	216	C17H12	003353-12-6	94
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	74





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ALS Vial : 16 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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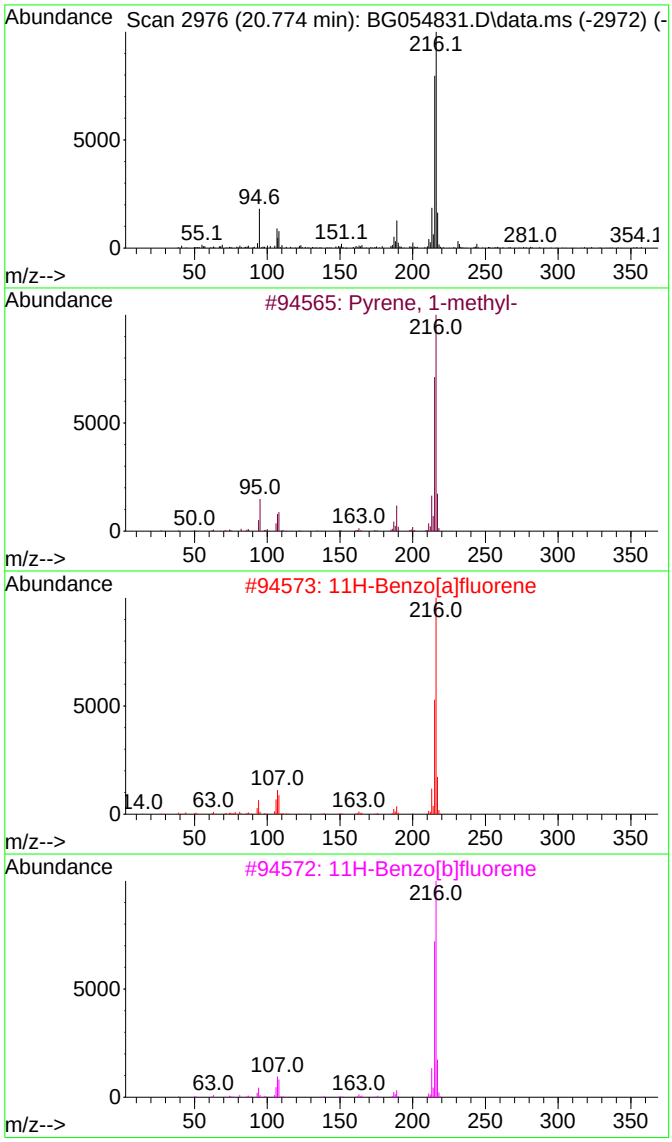
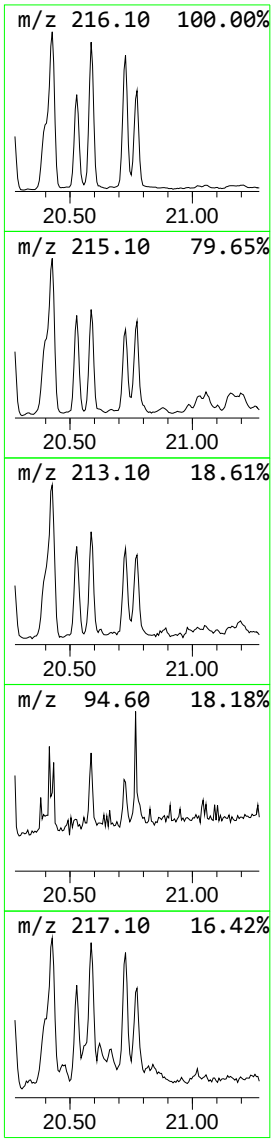
Peak Number 18 11H-Benzo[a]fluorene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.774	3.02 ng	294858	Chrysene-d12	21.826

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	97
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	94
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
4	Pyrene, 4-methyl-	216	C17H12	003353-12-6	90
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87





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ALS Vial : 16 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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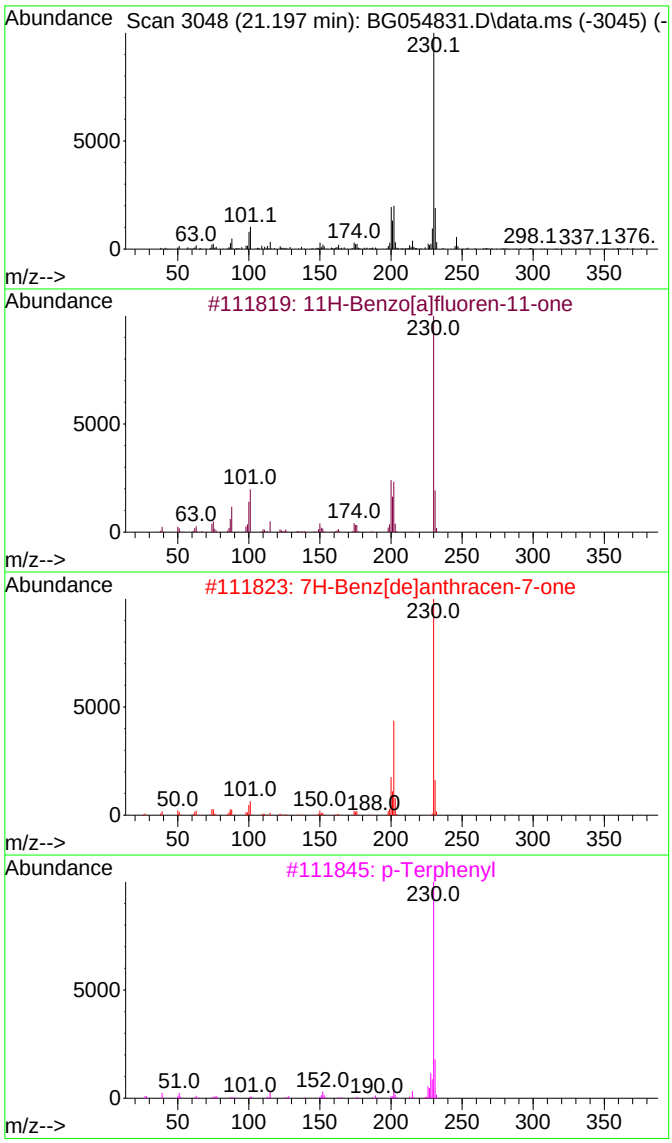
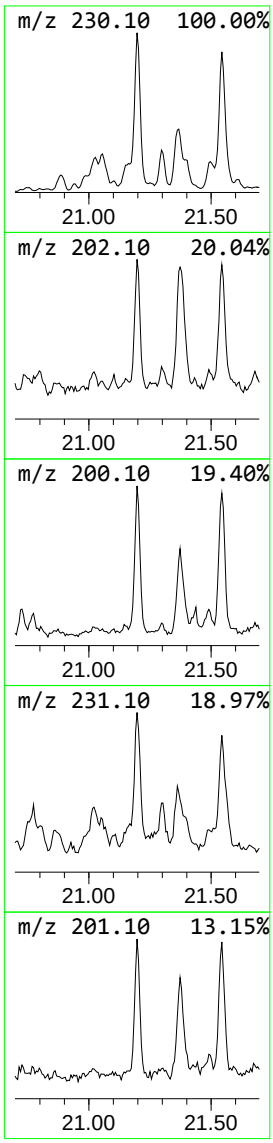
Peak Number 19 11H-Benzo[a]fluoren-11-one Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.197	2.34 ng	228980	Chrysene-d12	21.826

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	96
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	93
3	p-Terphenyl	230	C18H14	000092-94-4	60
4	o-Terphenyl	230	C18H14	000084-15-1	59
5	.delta.(sup1),.alpha.-Acenaphthe...	230	C15H6N2O	014619-86-4	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090122\
Data File : BG054831.D
Acq On : 1 Sep 2022 21:09
Operator : CG/JU
Sample : N4443-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HD-01-083022

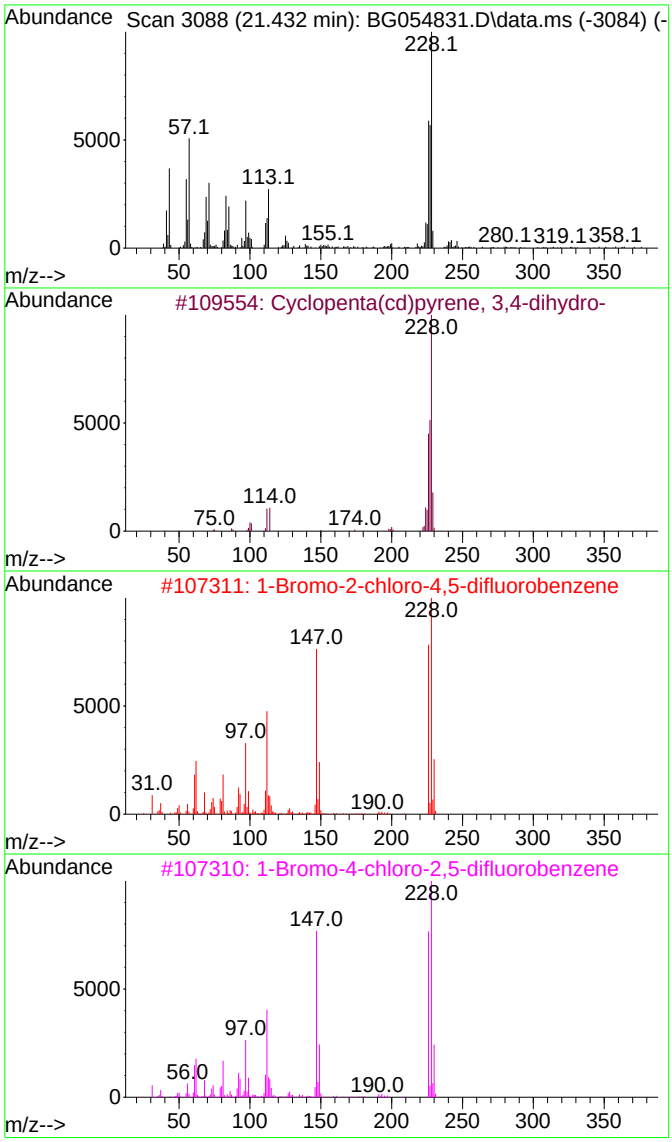
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

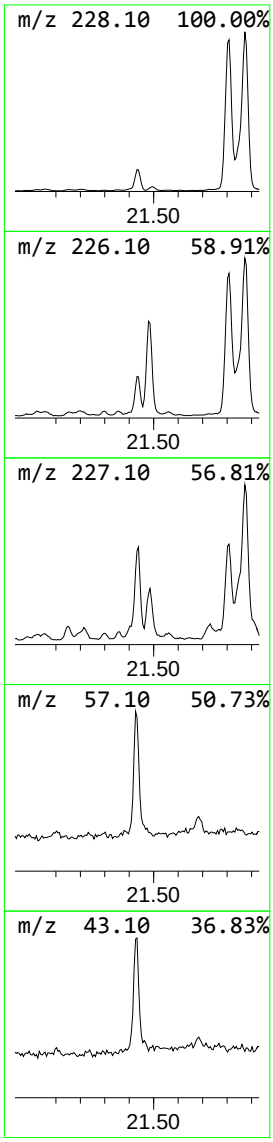
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.432	3.44 ng	336097	Chrysene-d12	21.826

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	55
2	1-Bromo-2-chloro-4,5-difluoroben...	226	C6H2BrClF2	1000512-66-6	49
3	1-Bromo-4-chloro-2,5-difluoroben...	226	C6H2BrClF2	172921-33-4	47
4	Benzo[c]phenanthrene	228	C18H12	000195-19-7	43
5	6-Bromo-3,4-dihydro-2(1H)-quinaz...	226	C8H7BrN2O	1246765-38-7	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090122\
Data File : BG054831.D
Acq On : 1 Sep 2022 21:09
Operator : CG/JU
Sample : N4443-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HD-01-083022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.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-...	5.210	8.4	ng	133837	1	8.147	317063	20.0
2-Methyldibenzo...	18.106	2.6	ng	88585	4	17.531	684974	20.0
Phenanthrene, 2...	18.400	8.3	ng	285413	4	17.531	684974	20.0
Phenanthrene, 1...	18.453	10.4	ng	355707	4	17.531	684974	20.0
4H-Cyclopenta[d...	18.594	13.7	ng	470301	4	17.531	684974	20.0
1H-Cyclopropa[l...	18.635	5.8	ng	197020	4	17.531	684974	20.0
Naphthalene, 2-...	18.894	4.7	ng	160535	4	17.531	684974	20.0
9,10-Anthracene...	18.941	7.6	ng	261121	4	17.531	684974	20.0
Phenanthrene, 3...	19.135	4.8	ng	163753	4	17.531	684974	20.0
Phenanthrene, 2...	19.188	2.8	ng	94452	4	17.531	684974	20.0
Phenanthrene, 2...	19.311	13.1	ng	449560	4	17.531	684974	20.0
Cyclopenta(def)...	19.458	7.3	ng	249395	4	17.531	684974	20.0
Pyrene, 1-methyl-	20.257	3.2	ng	316779	5	21.826	1953730	20.0
Fluoranthene, 2...	20.421	6.4	ng	623877	5	21.826	1953730	20.0
Pyrene, 2-methyl-	20.586	2.5	ng	243223	5	21.826	1953730	20.0
Pyrene, 4-methyl-	20.727	2.6	ng	258104	5	21.826	1953730	20.0
11H-Benzo[a]flu...	20.774	3.0	ng	294858	5	21.826	1953730	20.0
11H-Benzo[a]flu...	21.197	2.3	ng	228980	5	21.826	1953730	20.0
Cyclopenta(cd)p...	21.432	3.4	ng	336097	5	21.826	1953730	20.0