LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052323\
Data File : BG057527.D
Acq On : 23 May 2023 20:03
Operator : CG/JU
Sample : 02886-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : WC-1

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-BG042723.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG057527.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.388	310	315	326	rBB	17068	28109	3.17%	0.256%
2	5.876	392	398	408	rBV	265597	457812	51.70%	4.163%
3	7.503	667	675	689	rBV	285245	504825	57.01%	4.591%
4	8.355	814	820	828	rVB	94576	158793	17.93%	1.444%
5	9.535	1013	1021	1031	rVB	179149	317275	35.83%	2.885%
6	11.192	1296	1303	1310	rBV	119439	215277	24.31%	1.958%
7	13.595	1705	1712	1723	rVB	477772	725267	81.90%	6.595%
8	14.969	1940	1946	1953	rVB	186081	291055	32.87%	2.647%
9	15.034	1953	1957	1963	rVB	11505	17194	1.94%	0.156%
10	15.369	2005	2014	2018	rBV4	6752	11970	1.35%	0.109%
11	16.015	2117	2124	2129	rVB	14007	24699	2.79%	0.225%
12	16.303	2169	2173	2179	rVB2	14541	21577	2.44%	0.196%
13	16.455	2193	2199	2208	rBV	355223	553004	62.45%	5.029%
14	17.008	2289	2293	2298	rVB5	7685	11930	1.35%	0.108%
15	17.231	2324	2331	2335	rBV5	6249	13448	1.52%	0.122%
16	17.366	2348	2354	2358	rBV2	15998	26244	2.96%	0.239%
17	17.436	2360	2366	2368	rBV5	5523	11327	1.28%	0.103%
18	17.530	2377	2382	2389	rVB	20416	29123	3.29%	0.265%
19	17.712	2405	2413	2416	rBV	227641	349369	39.45%	3.177%
20	17.754	2416	2420	2428	rVB	289655	413816	46.73%	3.763%
21	17.842	2430	2435	2443	rVV	47035	72474	8.18%	0.659%
22	18.112	2473	2481	2487	rBV2	29112	63249	7.14%	0.575%
23	18.288	2507	2511	2516	rVB2	16488	23119	2.61%	0.210%
24	18.423	2531	2534	2543	rVB3	11414	23117	2.61%	0.210%
25	18.500	2543	2547	2551	rBV4	8841	16294	1.84%	0.148%
26	18.547	2551	2555	2557	rVV2	38945	52669	5.95%	0.479%
27	18.576	2557	2560	2565	rVV	63440	105982	11.97%	0.964%
28	18.623	2565	2568	2574	rVB	72509	112069	12.66%	1.019%
29	18.705	2578	2582	2587	rVV	21190	32721	3.70%	0.298%
30	18.776	2587	2594	2597	rVV3	59957	132878	15.01%	1.208%
31	18.805	2597	2599	2605	rVB2	45182	59204	6.69%	0.538%
32	18.870	2607	2610	2614	rBV5	6368	9407	1.06%	0.086%
33	18.917	2615	2618	2622	rVB6	10232	13557	1.53%	0.123%
34	18.970	2622	2627	2629	rBV4	9897	14856	1.68%	0.135%
35	19.064	2638	2643	2647	rBV	41635	66089	7.46%	0.601%
36	19.116	2647	2652	2659	rVB3	41171	73944	8.35%	0.672%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052323\
Data File : BG057527.D
Acq On : 23 May 2023 20:03
Operator : CG/JU
Sample : 02886-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-1

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-BG042723.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	19.304	2676	2684	2688	rBV5	25979	54848	6.19%	0.499%
38	19.357	2688	2693	2696	rVV	22527	30190	3.41%	0.275%
39	19.393	2697	2699	2706	rVB	23905	28891	3.26%	0.263%
40	19.475	2708	2713	2717	rBV	49975	80632	9.11%	0.733%
41	19.528	2719	2722	2727	rVV5	9975	20241	2.29%	0.184%
42	19.628	2733	2739	2743	rBV2	39797	72701	8.21%	0.661%
43	19.745	2752	2759	2764	rBV	529027	760620	85.89%	6.917%
44	19.792	2764	2767	2770	rVV3	20833	31625	3.57%	0.288%
45	19.827	2770	2773	2781	rVB5	16360	32654	3.69%	0.297%
46	20.068	2809	2814	2816	rBV2	81079	130191	14.70%	1.184%
47	20.109	2816	2821	2826	rVV	463085	673679	76.08%	6.126%
48	20.168	2826	2831	2836	rVB2	42052	68085	7.69%	0.619%
49	20.280	2844	2850	2855	rBV	697450	885532	100.00%	8.053%
50	20.421	2869	2874	2880	rVB3	37974	86108	9.72%	0.783%
51	20.744	2922	2929	2933	rBV2	44069	88990	10.05%	0.809%
52	20.891	2950	2954	2957	rBV	41016	55810	6.30%	0.508%
53	20.938	2959	2962	2968	rVB2	61164	83710	9.45%	0.761%
54	21.378	3033	3037	3042	rVB	76298	113884	12.86%	1.036%
55	21.472	3051	3053	3059	rVB2	19008	26363	2.98%	0.240%
56	21.572	3065	3070	3074	rBV3	72191	123488	13.95%	1.123%
57	21.672	3083	3087	3092	rBV2	42372	78724	8.89%	0.716%
58	21.731	3094	3097	3104	rVB	64799	108171	12.22%	0.984%
59	22.013	3137	3145	3151	rBV4	265617	777603	87.81%	7.071%
60	22.071	3151	3155	3165	rVB	195043	342016	38.62%	3.110%
61	24.409	3545	3553	3560	rBV	136456	442141	49.93%	4.021%
62	25.196	3682	3687	3698	rVB	77546	220898	24.95%	2.009%
63	25.361	3709	3715	3727	rVB	105767	290919	32.85%	2.646%
64	25.531	3738	3744	3752	rVB2	87636	233962	26.42%	2.128%

Sum of corrected areas: 10996419

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052323\
Data File : BG057527.D
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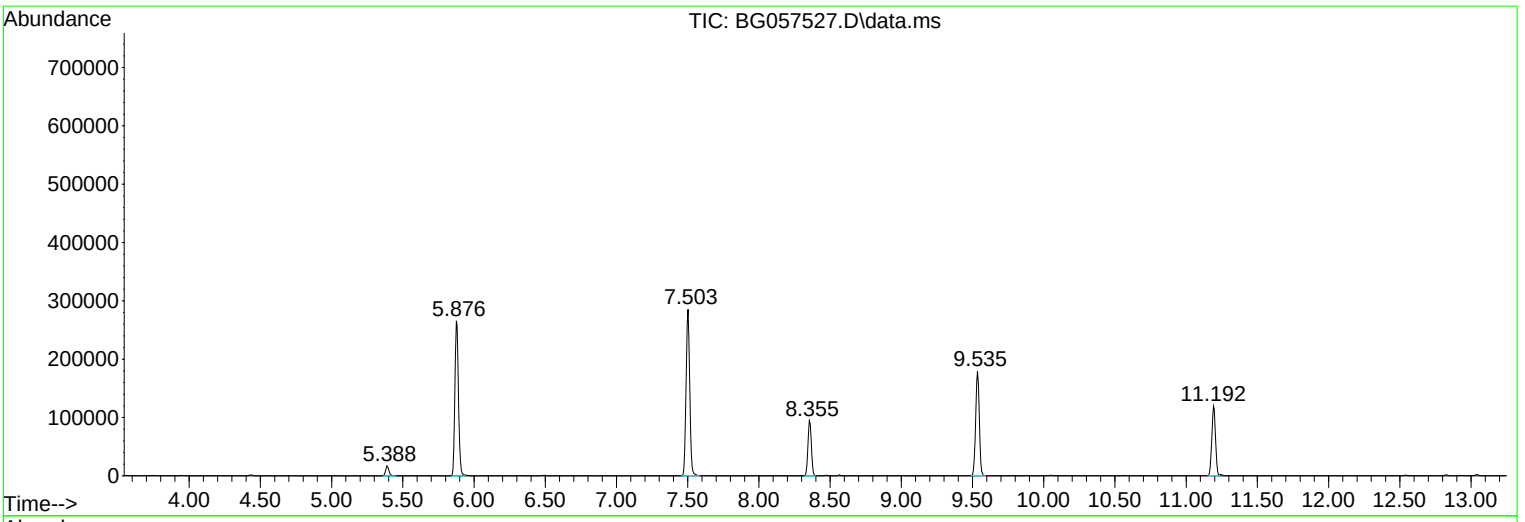
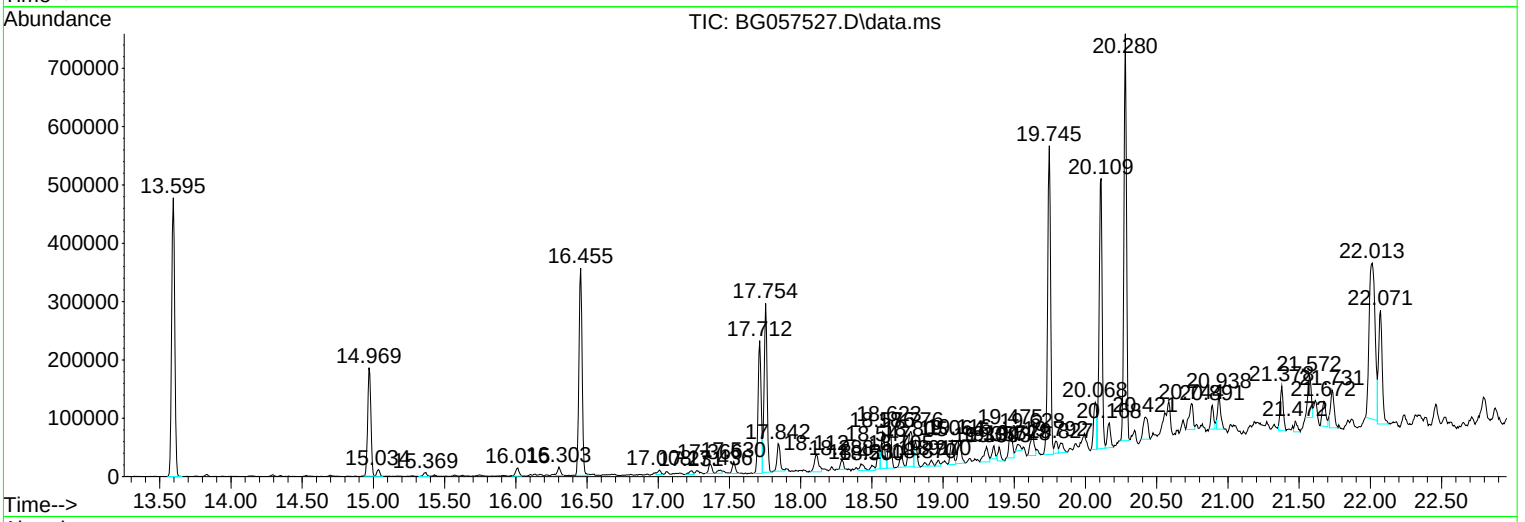
Operator : CG/JU
Sample : 02886-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

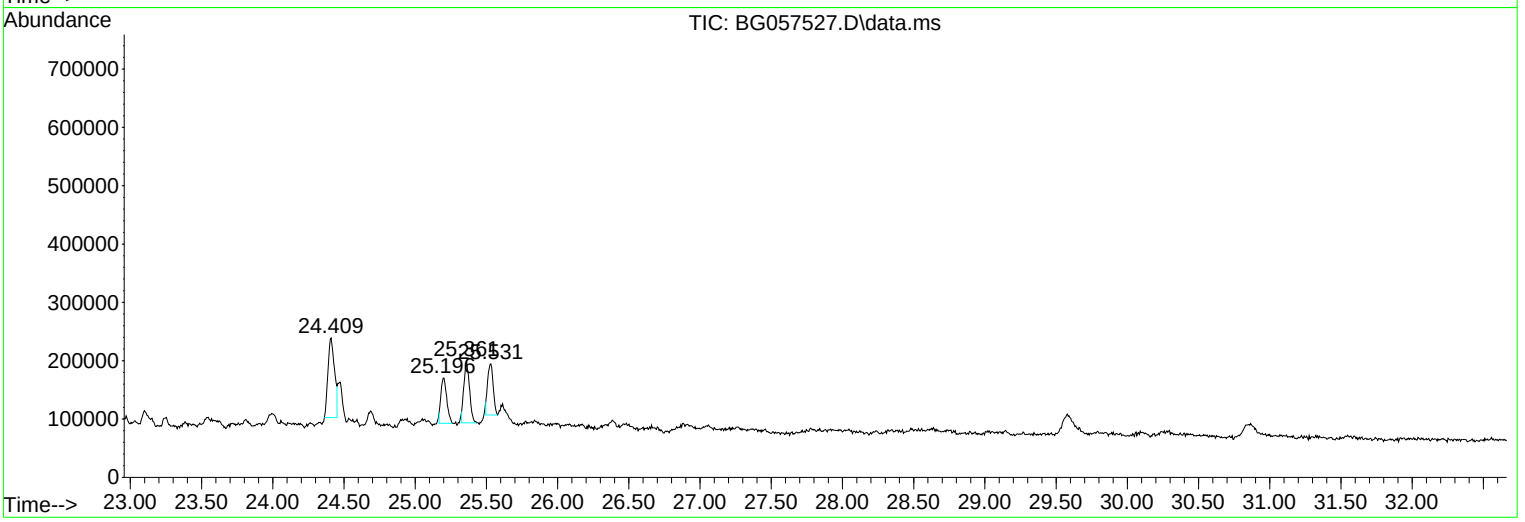
Instrument :
BNA_G
ClientSampleId :
WC-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.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\BG052323\
Data File : BG057527.D
Acq On : 23 May 2023 20:03
Operator : CG/JU
Sample : 02886-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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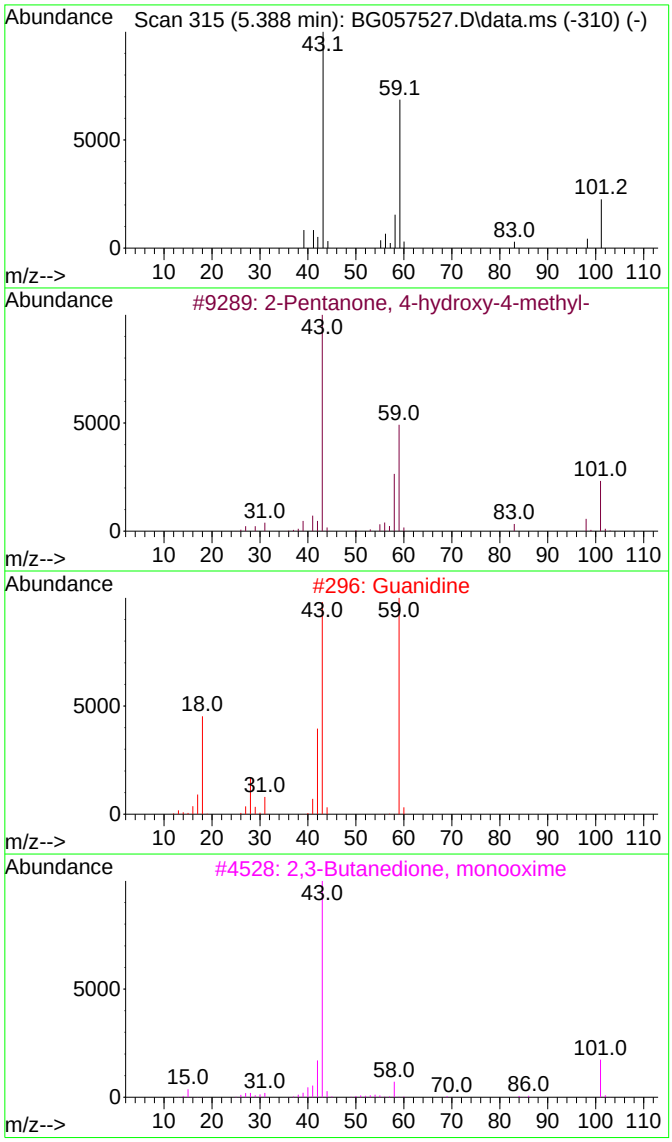
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

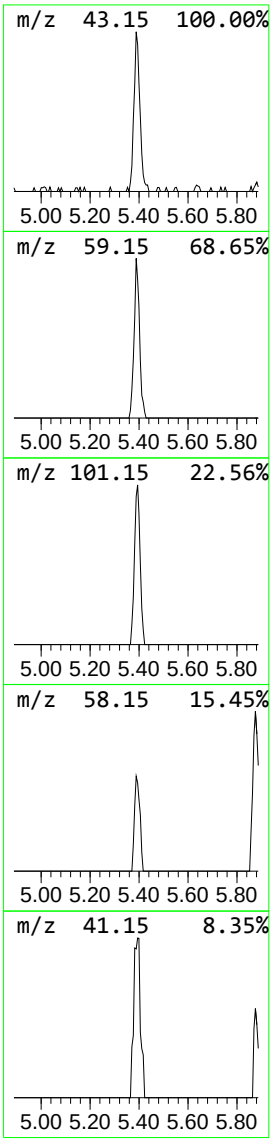
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.388	3.54 ng	28109	1,4-Dichlorobenzene-d4	8.355

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Guanidine	59	CH5N3	000113-00-8	43
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052323\
Data File : BG057527.D
Acq On : 23 May 2023 20:03
Operator : CG/JU
Sample : 02886-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

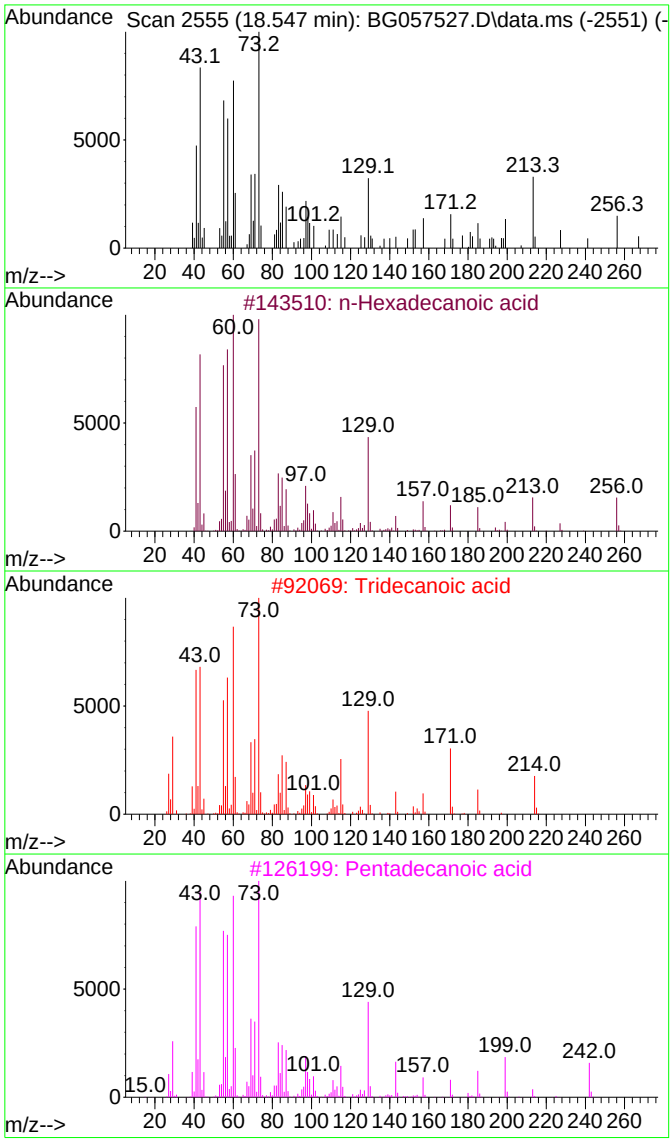
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

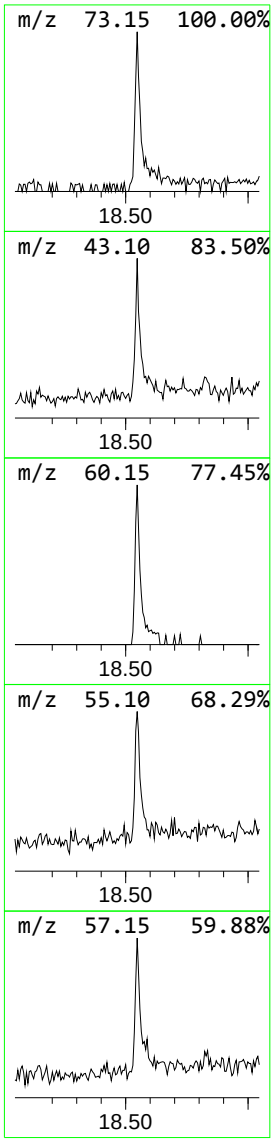
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.547	3.02 ng	52669	Phenanthrene-d10	17.712

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	95
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	76
4	n-Decanoic acid	172	C10H20O2	000334-48-5	58
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052323\
Data File : BG057527.D
Acq On : 23 May 2023 20:03
Operator : CG/JU
Sample : 02886-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-1

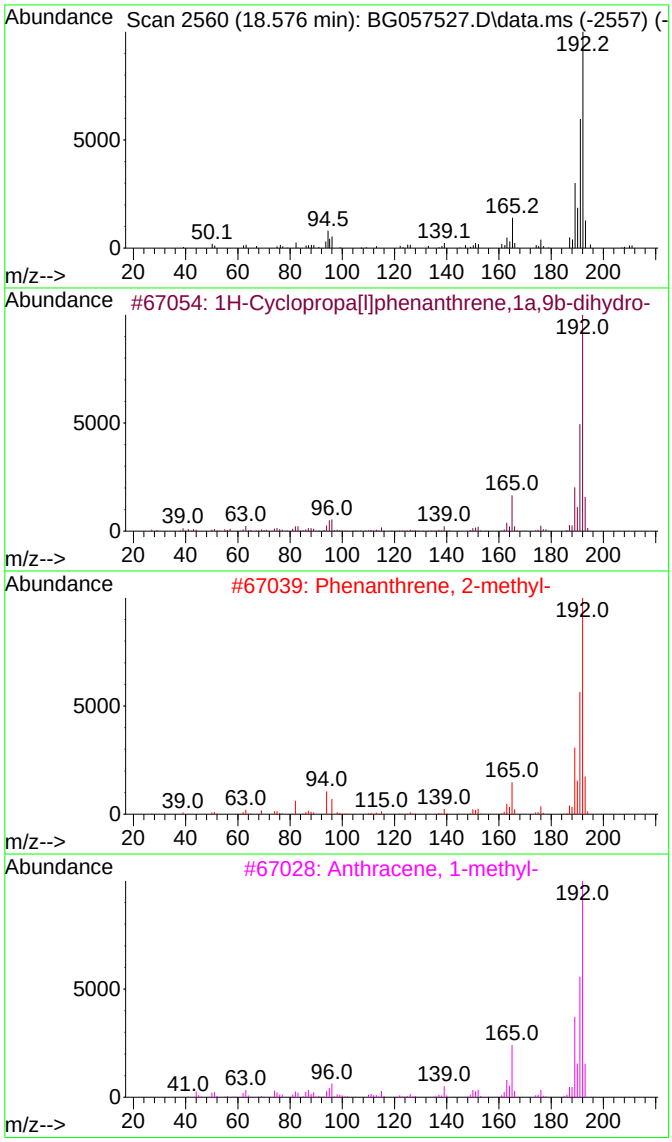
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

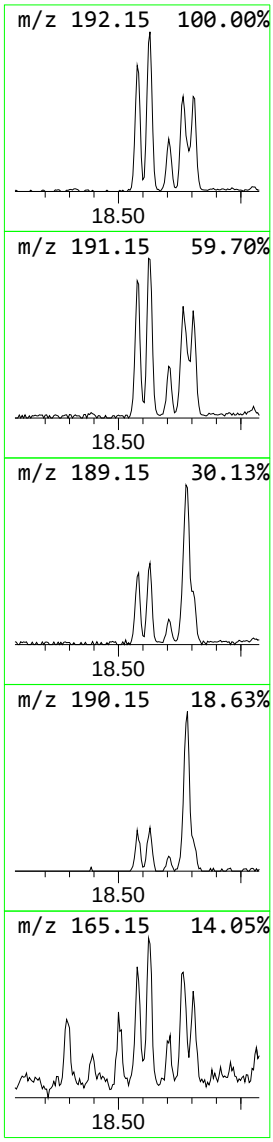
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 1H-Cyclopropa[l]phenanthren... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.576	6.07 ng	105982	Phenanthrene-d10	17.712

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052323\
Data File : BG057527.D
Acq On : 23 May 2023 20:03
Operator : CG/JU
Sample : 02886-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

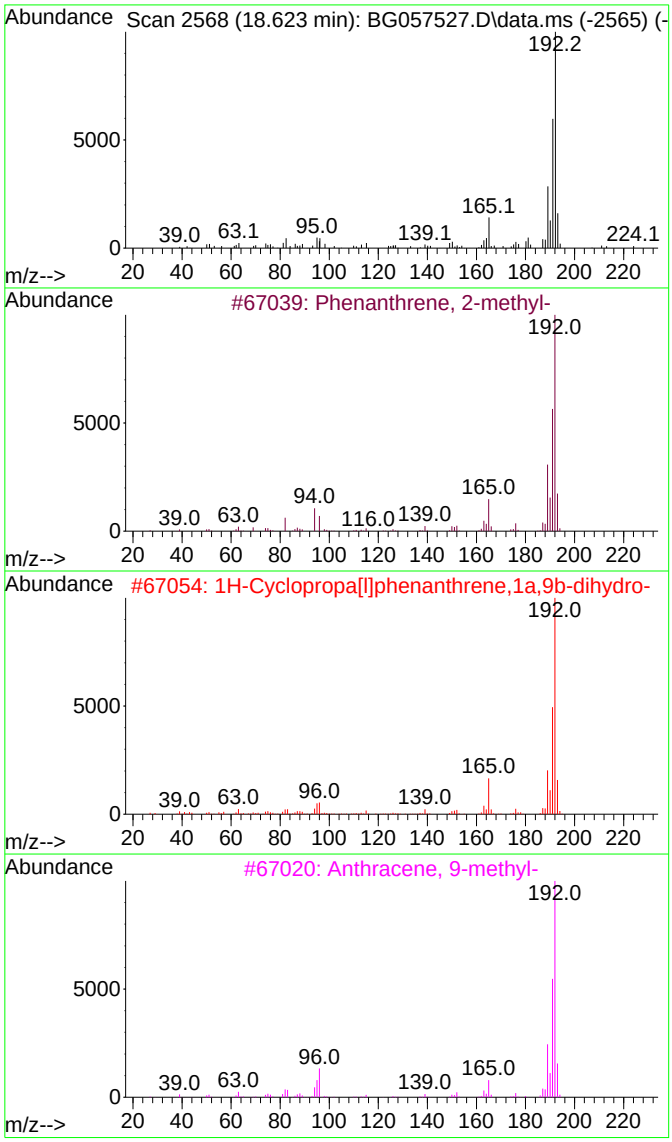
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

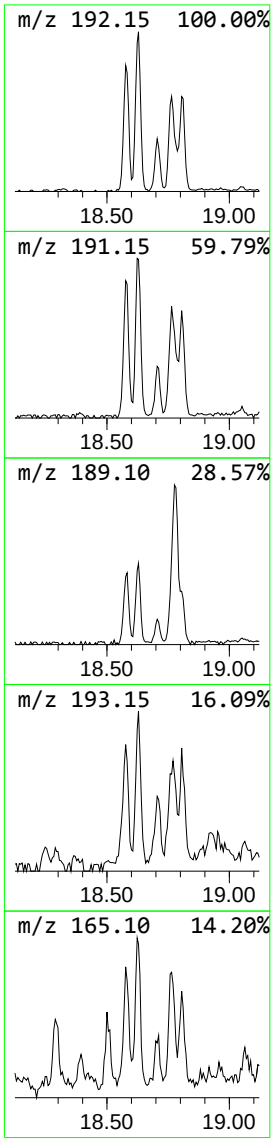
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.623	6.42 ng	112069	Phenanthrene-d10	17.712

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
5	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052323\
Data File : BG057527.D
Acq On : 23 May 2023 20:03
Operator : CG/JU
Sample : 02886-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-1

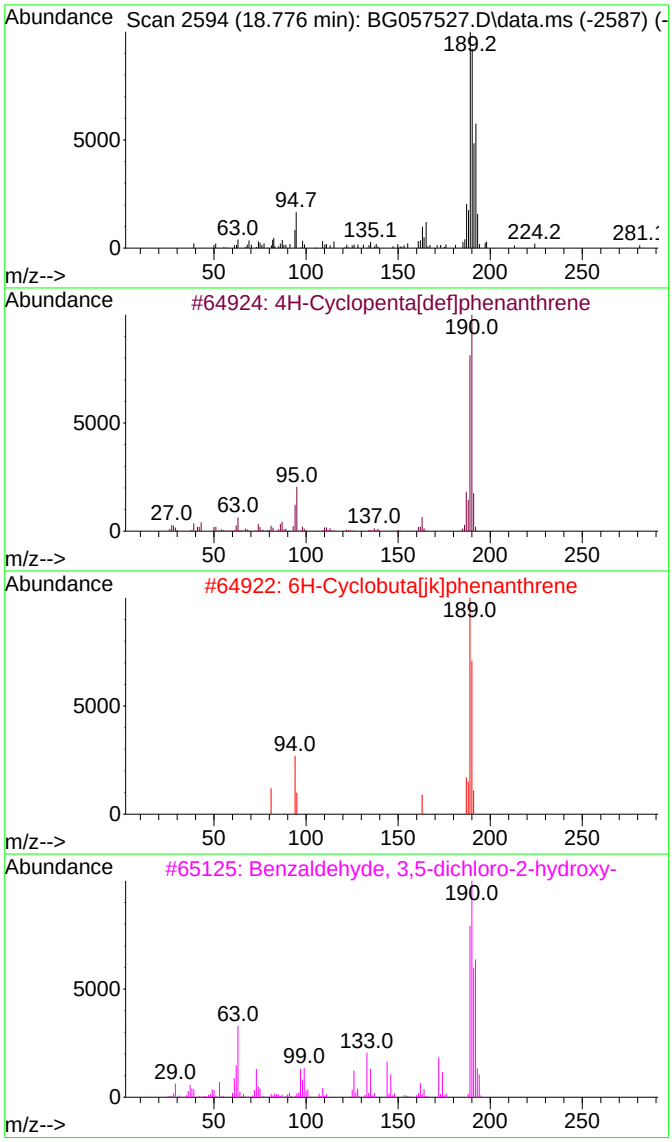
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

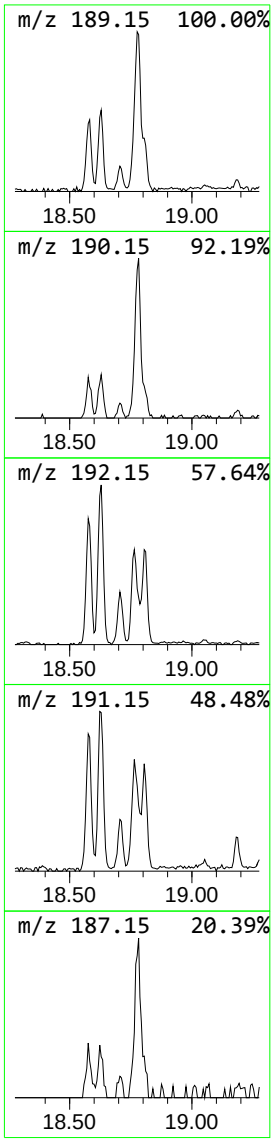
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.776	7.61 ng	132878	Phenanthrene-d10	17.712

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50
3	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	50
4	Isoquinoline, 1-chloro-3-ethyl-	191	C11H10ClN	055150-52-2	37
5	Carbonic acid, butyl 2-formyl-4,...	290	C12H12Cl2O4	1000331-42-2	32





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052323\
Data File : BG057527.D
Acq On : 23 May 2023 20:03
Operator : CG/JU
Sample : 02886-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

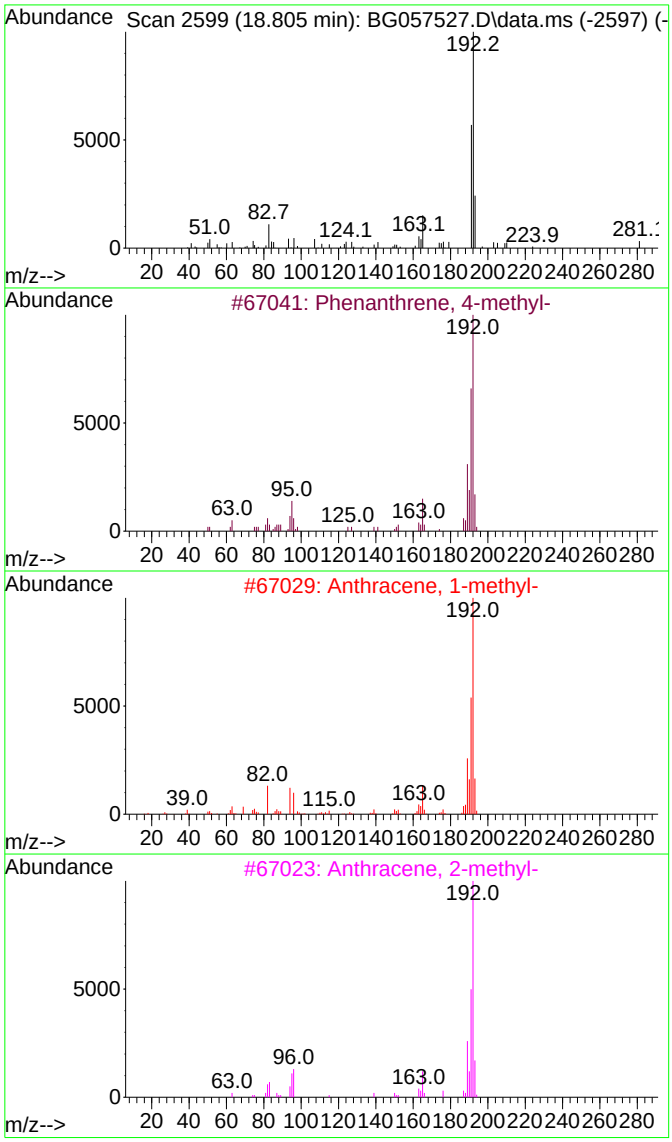
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

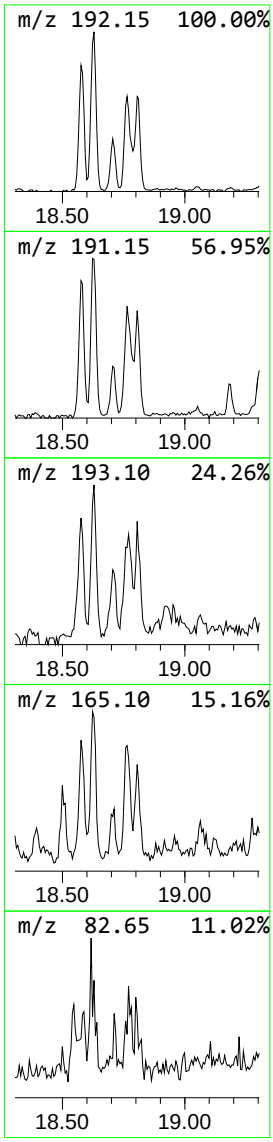
****

Peak Number 6 Phenanthrene, 4-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.805	3.39 ng	59204	Phenanthrene-d10	17.712

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	87
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	86
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	86
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	86
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052323\
Data File : BG057527.D
Acq On : 23 May 2023 20:03
Operator : CG/JU
Sample : 02886-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

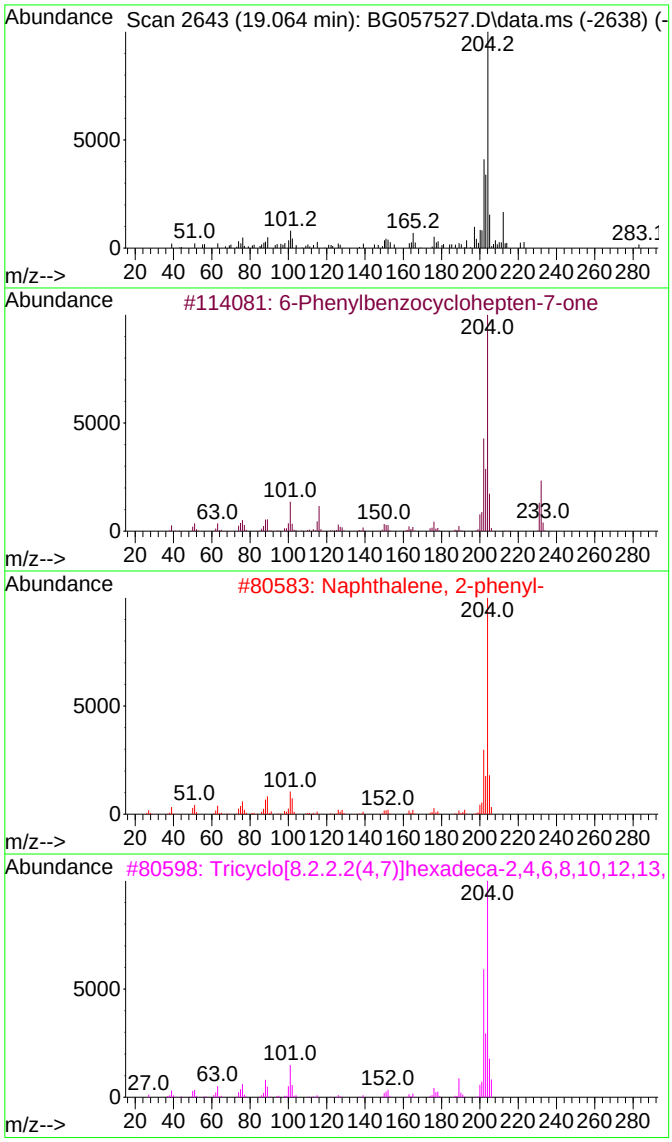
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

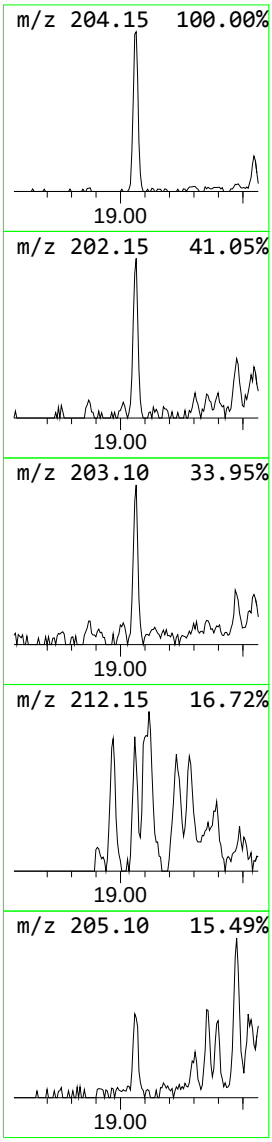
****

Peak Number 7 6-Phenylbenzocyclohepten-7-one Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.064	3.78 ng	66089	Phenanthrene-d10	17.712

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	64
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	55
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	49
4	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	49
5	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	43





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Data File : BG057527.D
Acq On : 23 May 2023 20:03
Operator : CG/JU
Sample : 02886-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

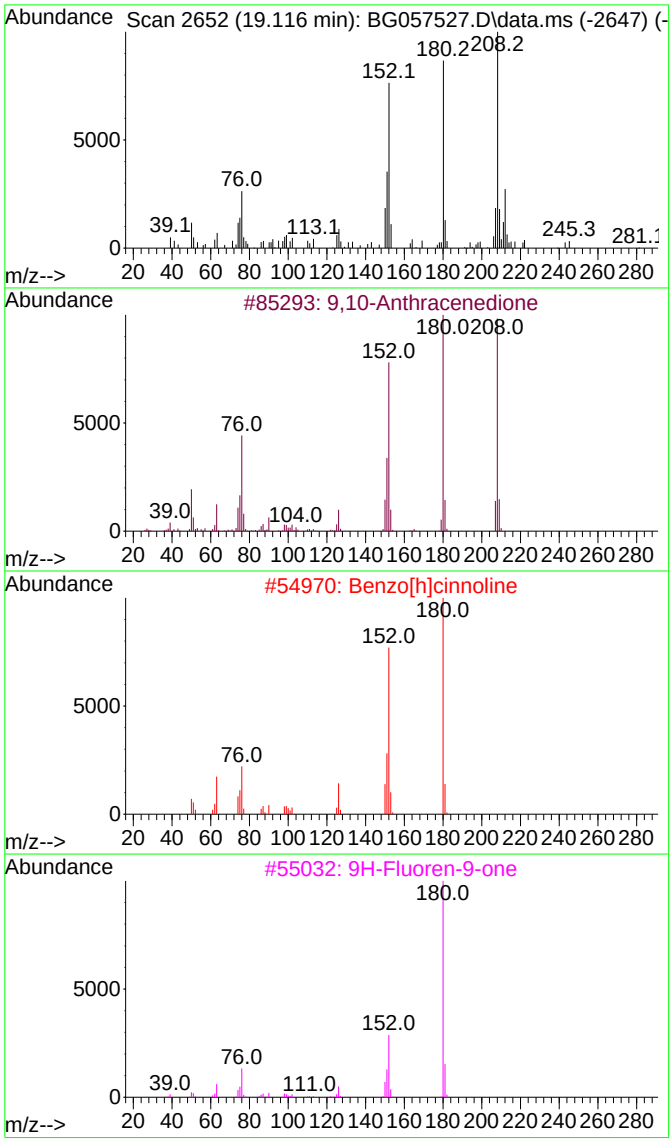
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

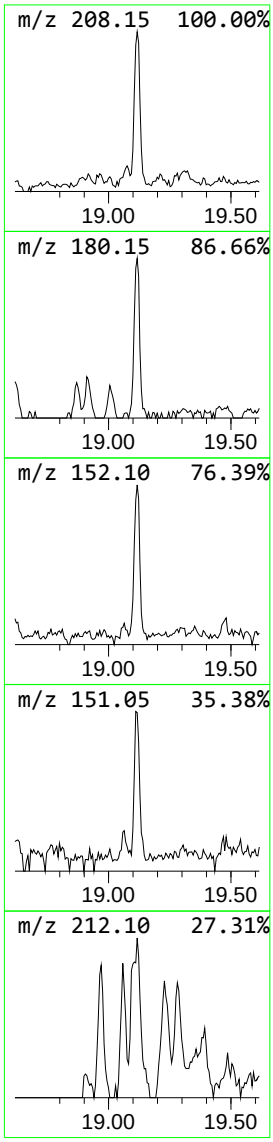
****

Peak Number 8 9,10-Anthracenedione Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.116	4.23 ng	73944	Phenanthrene-d10	17.712

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	91
2	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	78
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	78
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	60
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	60





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Acq On : 23 May 2023 20:03
Operator : CG/JU
Sample : 02886-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

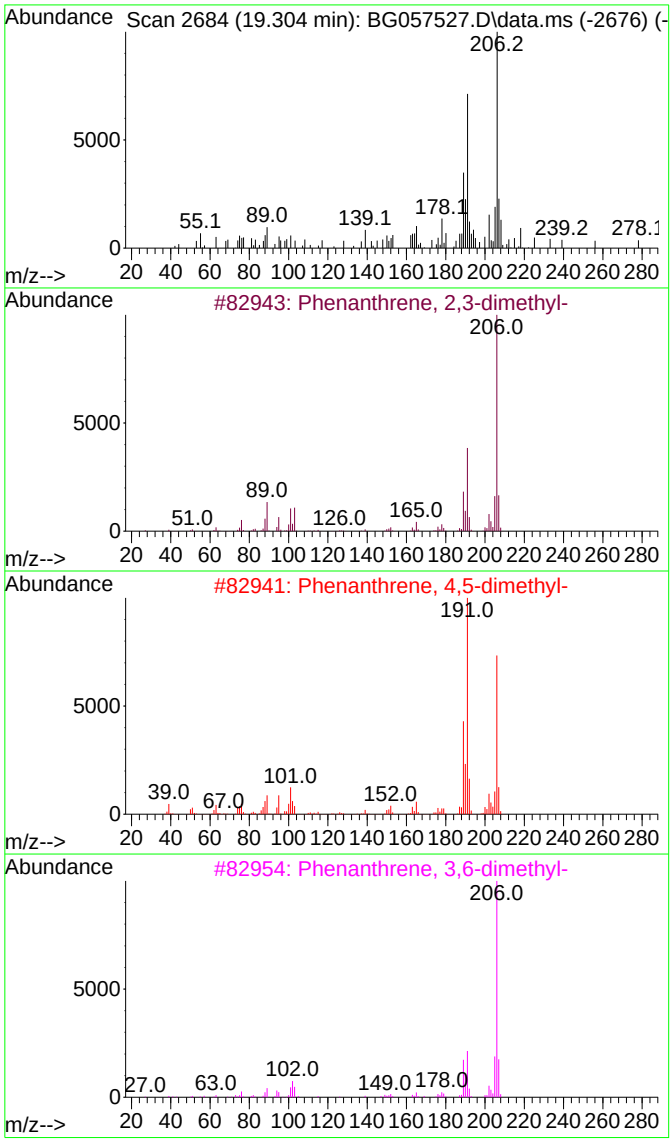
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

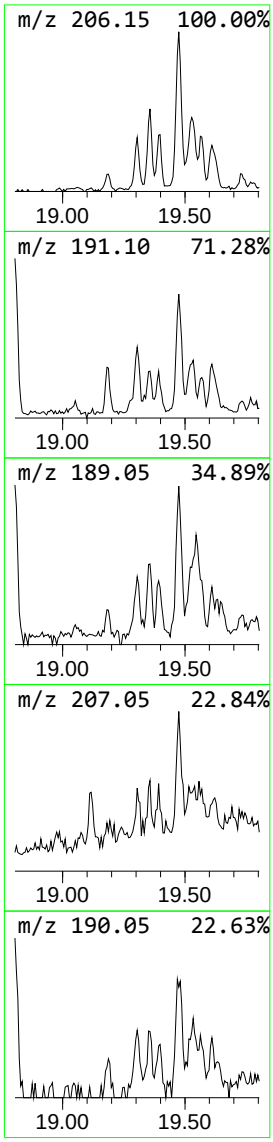
****

Peak Number 9 Phenanthrene, 2,3-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.304	3.14 ng	54848	Phenanthrene-d10	17.712

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
2	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	87
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	80
4	1-Methyl-3-phenyl-1H-indene	206	C16H14	022360-62-9	80
5	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	74





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Acq On : 23 May 2023 20:03
Operator : CG/JU
Sample : 02886-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

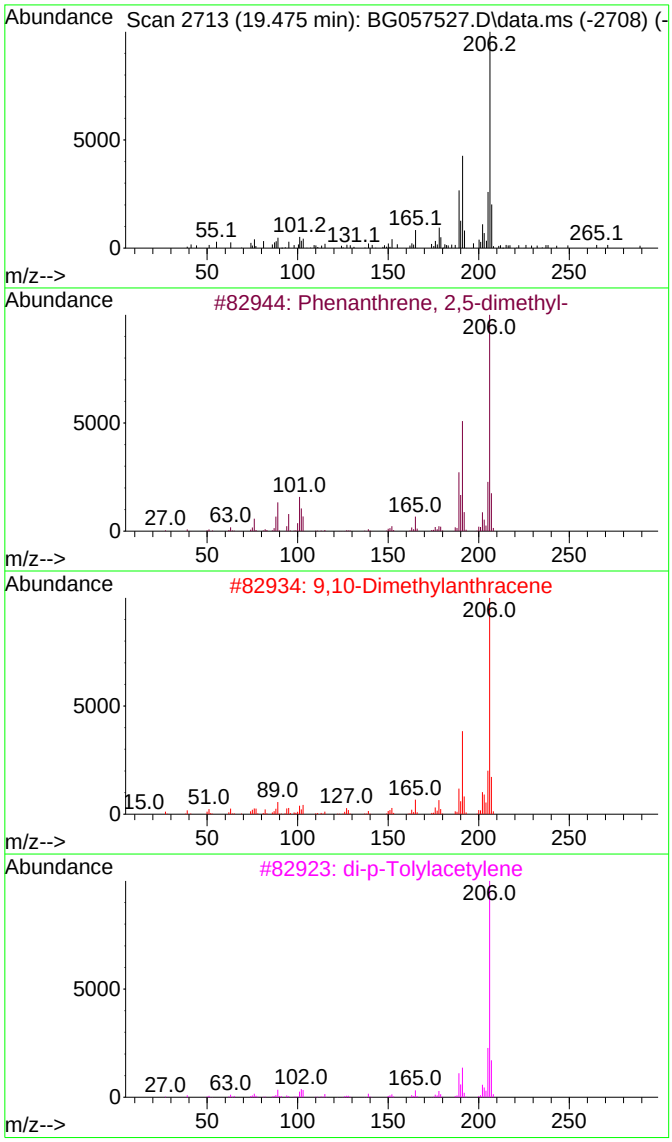
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

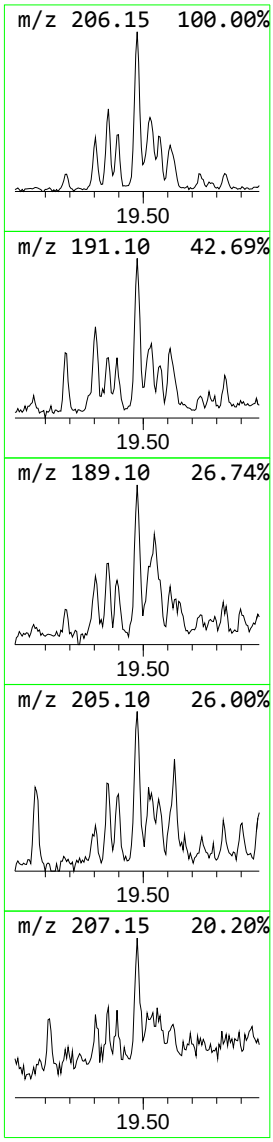
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.475	4.62 ng	80632	Phenanthrene-d10	17.712

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	90
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	90
4	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	90
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90





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Data File : BG057527.D
Acq On : 23 May 2023 20:03
Operator : CG/JU
Sample : 02886-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-1

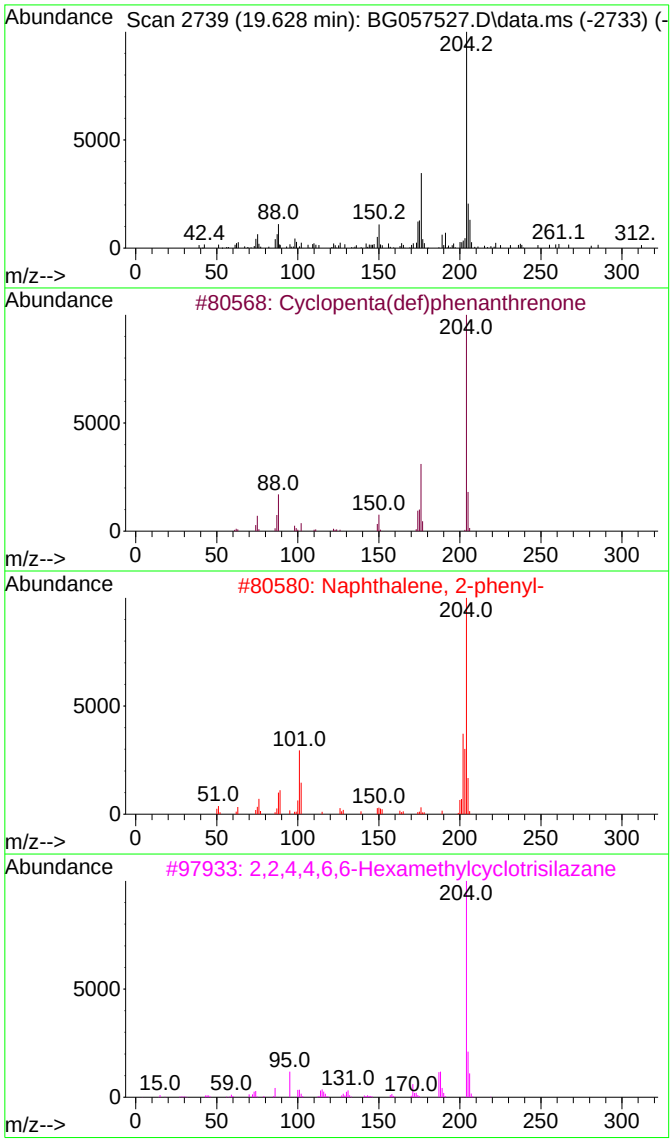
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

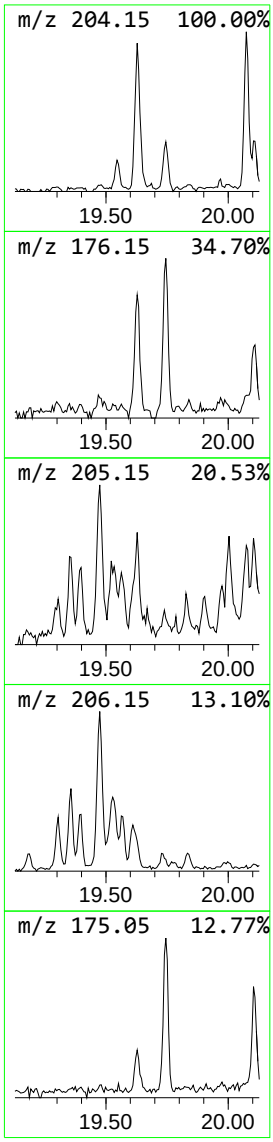
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Cyclopenta(def)phenanthrenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.628	4.16 ng	72701	Phenanthrene-d10	17.712

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	87
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	47
3	2,2,4,4,6,6-Hexamethylcyclotrisi...	219	C6H21N3Si3	001009-93-4	47
4	Tetracyano-p-quinodimethane	204	C12H4N4	001518-16-7	47
5	Dihydrofuranno(3,2-H)homochromanone	204	C12H12O3	057052-85-4	46





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Acq On : 23 May 2023 20:03
Operator : CG/JU
Sample : 02886-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.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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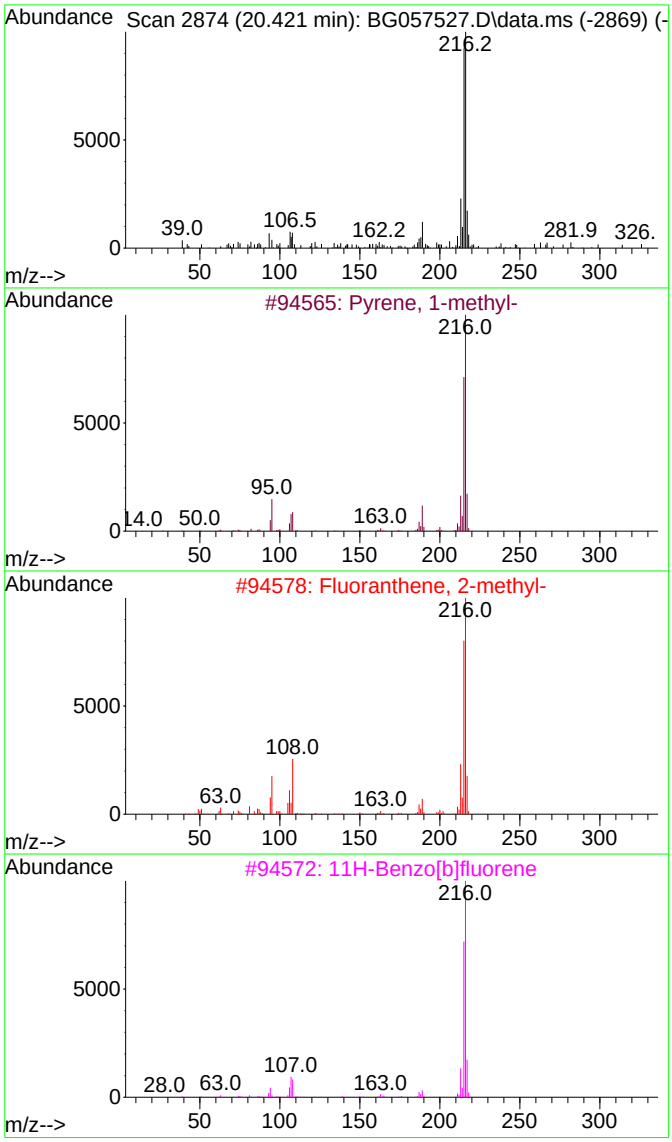
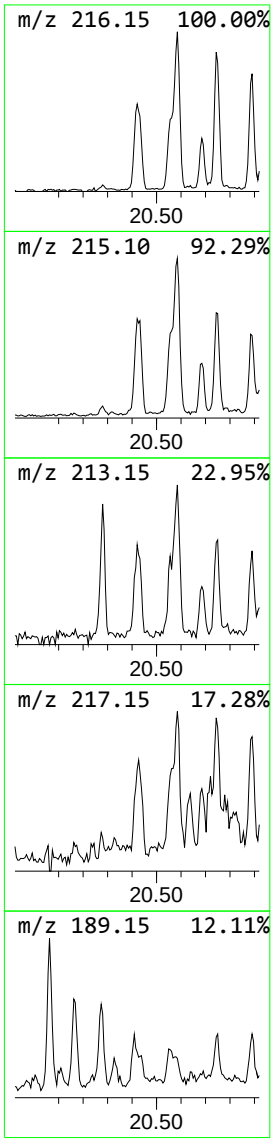
Peak Number 12 Pyrene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.421	2.21 ng	86108	Chrysene-d12	22.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	83
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	80
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72





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Acq On : 23 May 2023 20:03
Operator : CG/JU
Sample : 02886-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.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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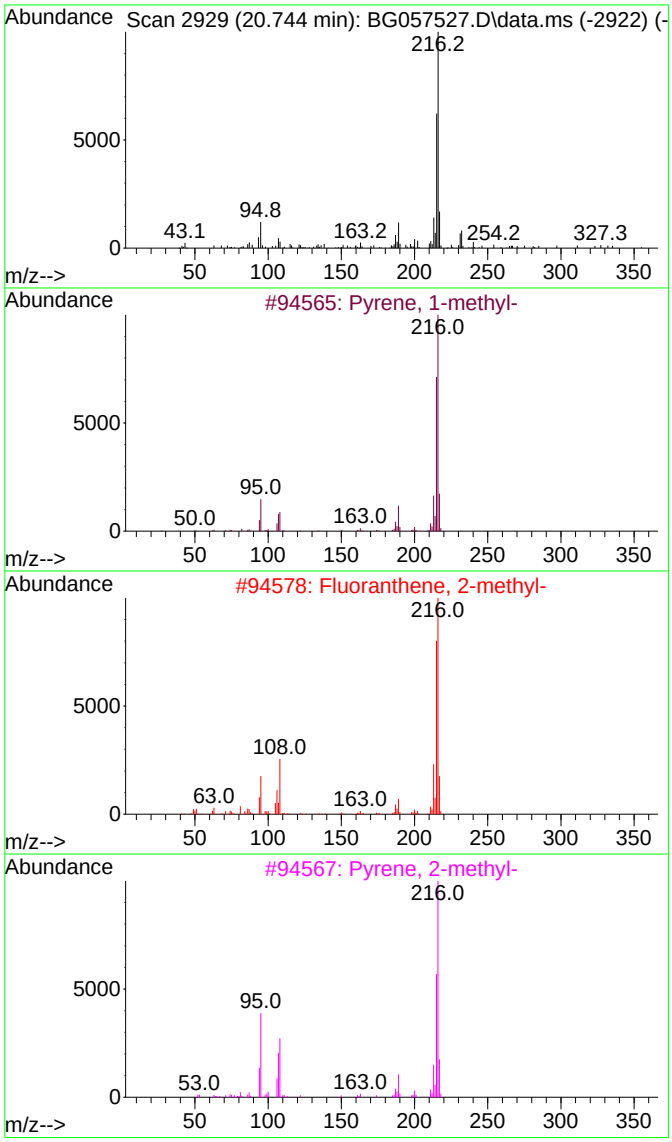
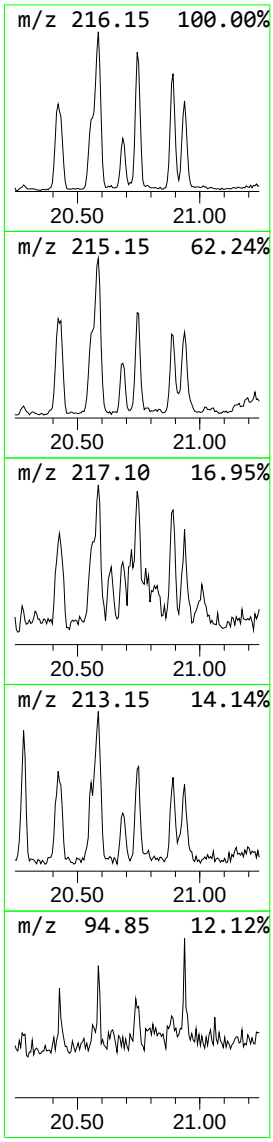
Peak Number 13 Fluoranthene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.744	2.29 ng	88990	Chrysene-d12	22.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	91
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	76





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Acq On : 23 May 2023 20:03
Operator : CG/JU
Sample : 02886-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.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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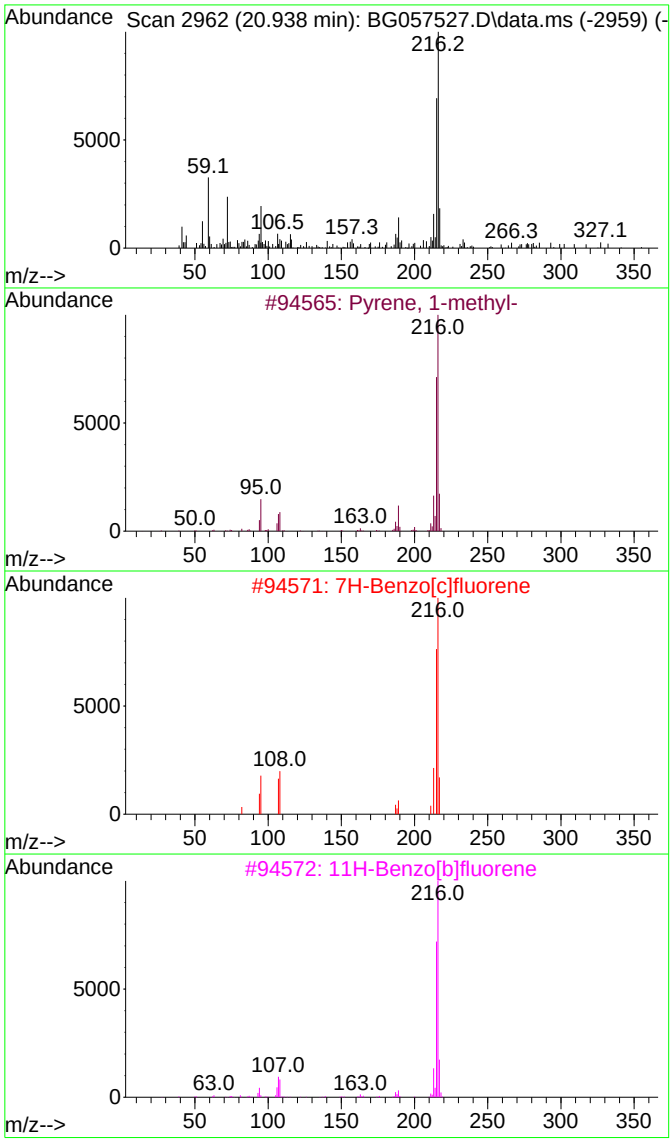
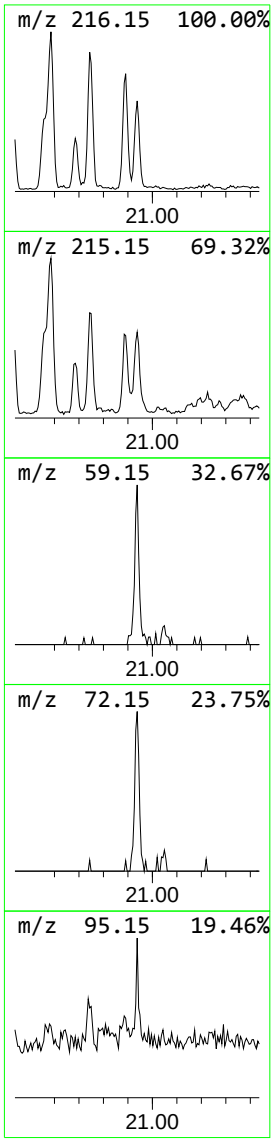
Peak Number 14 7H-Benzo[c]fluorene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.938	2.15 ng	83710	Chrysene-d12	22.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	83
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	64
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	60
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052323\
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Acq On : 23 May 2023 20:03
Operator : CG/JU
Sample : 02886-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.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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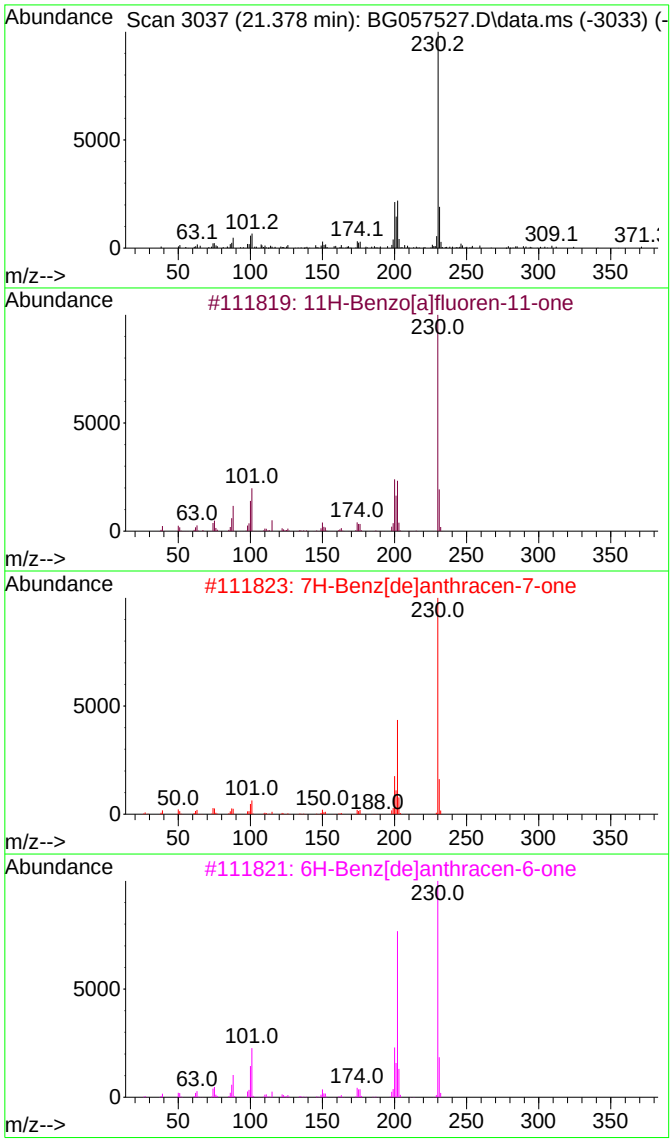
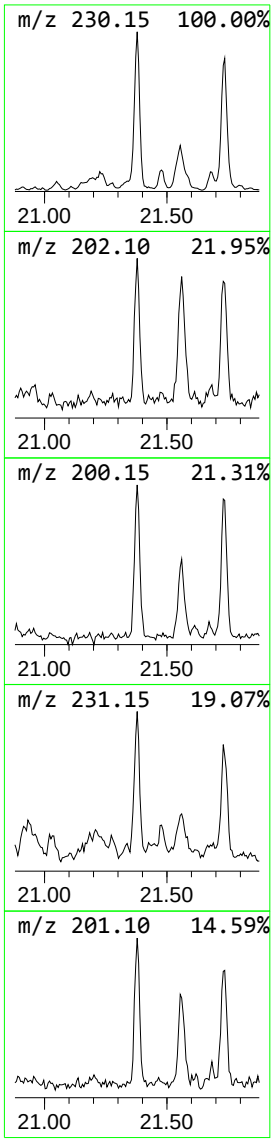
Peak Number 15 11H-Benzo[a]fluoren-11-one Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.378	2.93 ng	113884	Chrysene-d12	22.018

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	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	81
4	4-Pyrenecarbaldehyde	230	C17H10O	022245-51-8	72
5	.delta.(sup1),.alpha.-Acenaphthe...	230	C15H6N2O	014619-86-4	59





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Acq On : 23 May 2023 20:03
Operator : CG/JU
Sample : 02886-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-1

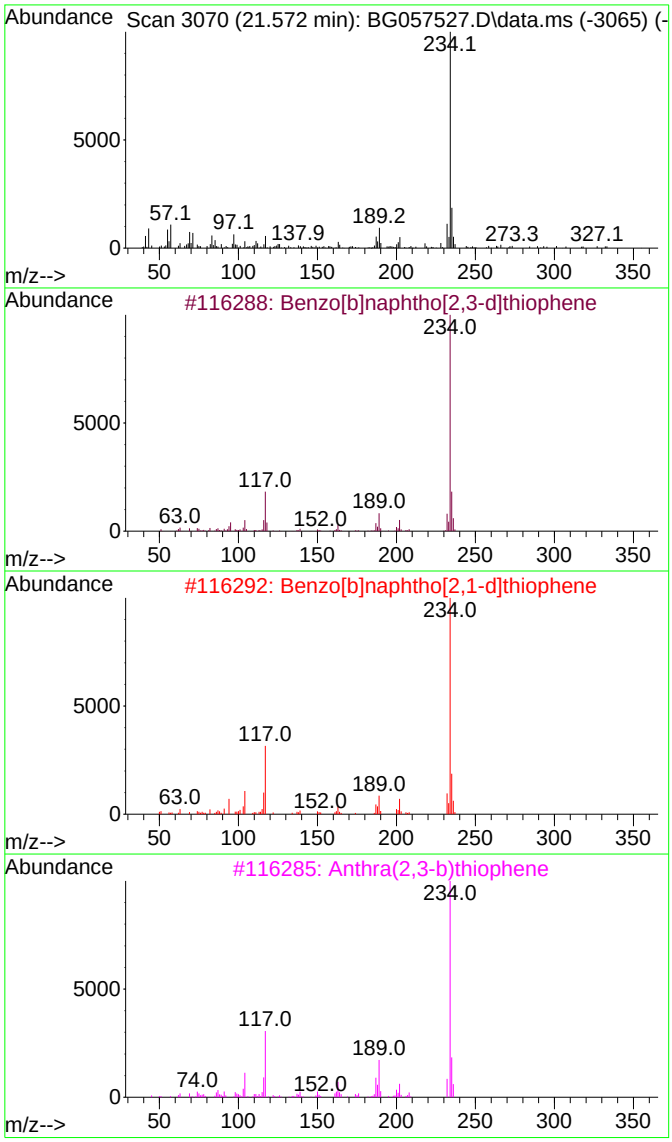
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

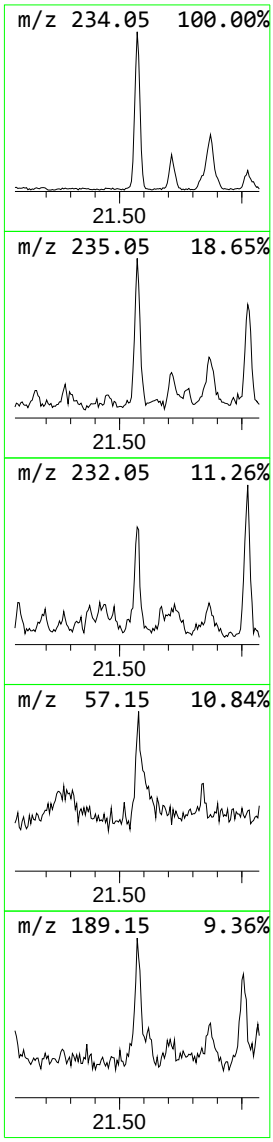
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Benzo[b]naphtho[2,3-d]thiop... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.572	3.18 ng	123488	Chrysene-d12	22.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	93
2	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	93
3	Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	91
4	Phenanthro(2,1-b)thiophene	234	C16H10S	000219-25-0	90
5	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	80





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Operator : CG/JU
Sample : 02886-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.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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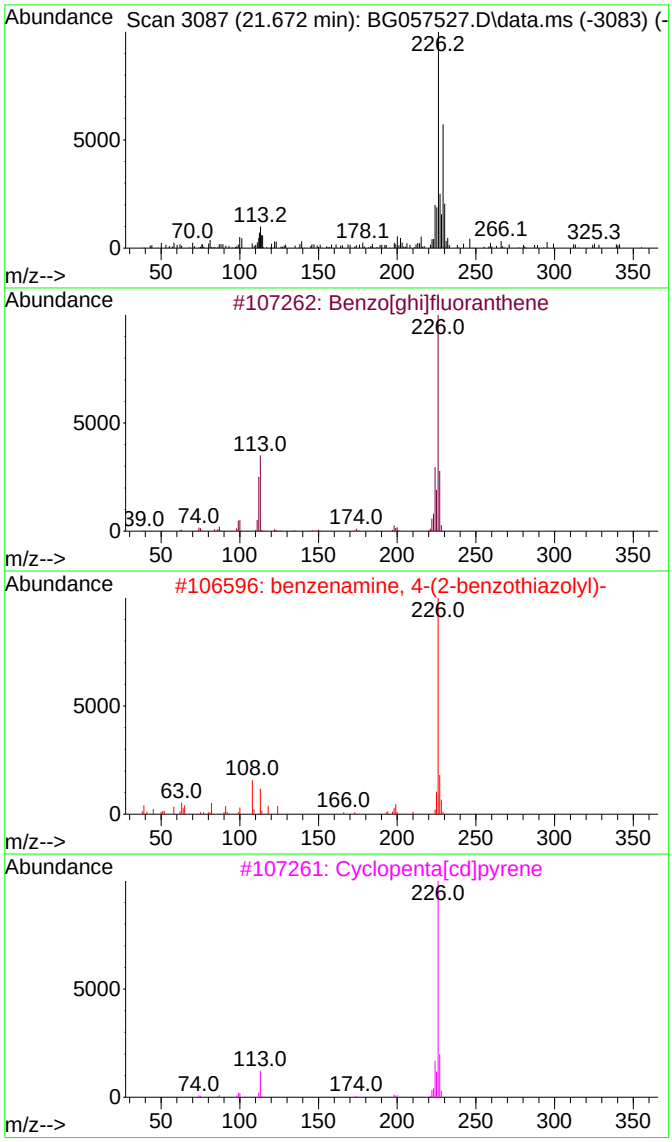
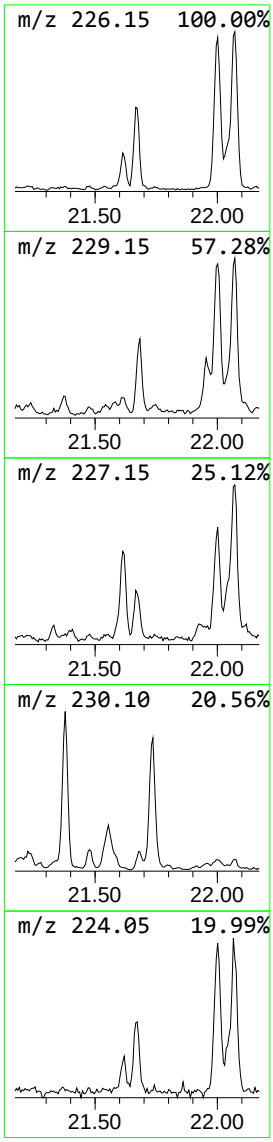
Peak Number 17 unknown21.672 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.672	2.02 ng	78724	Chrysene-d12	22.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	45
2	benzenamine, 4-(2-benzothiazolyl)-	226	C13H10N2S	1000400-93-4	38
3	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	38
4	N,N-Dimethylindoaniline	226	C14H14N2O	002150-58-5	32
5	Naphtho(2,3-h)quinoline	229	C17H11N	000084-56-0	30





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Operator : CG/JU
Sample : 02886-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.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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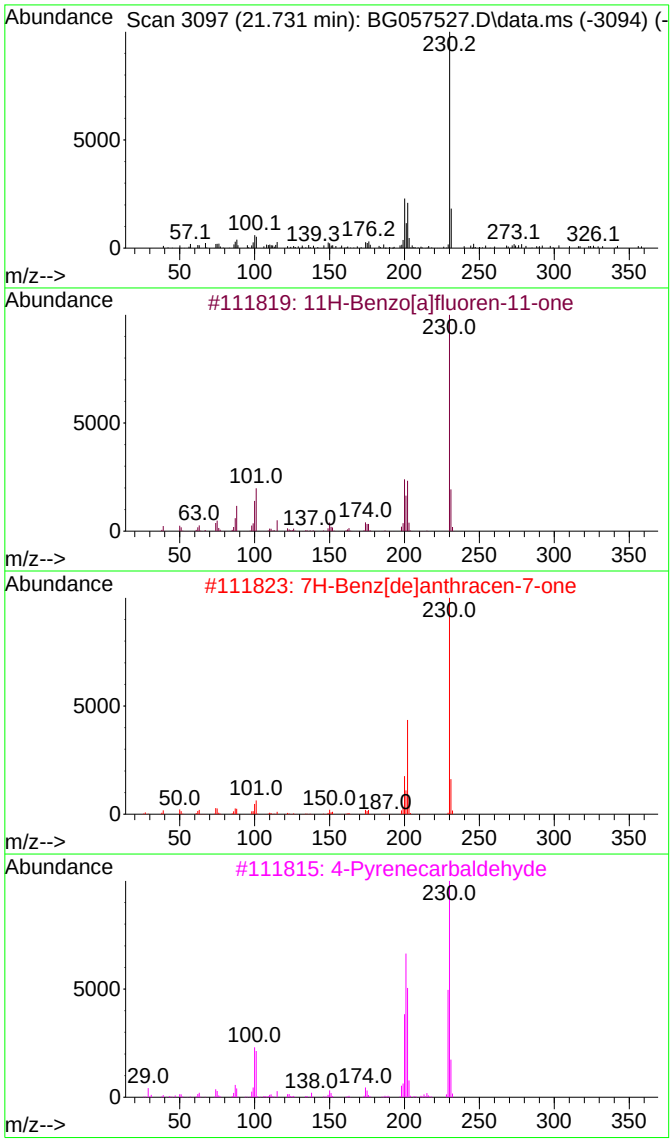
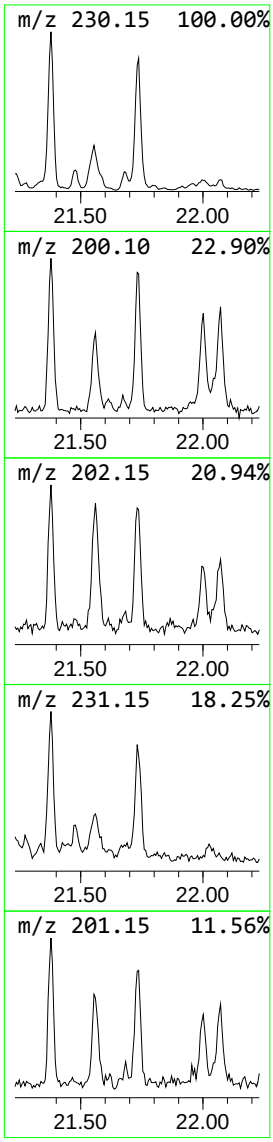
Peak Number 18 7H-Benz[de]anthracen-7-one Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.731	2.78 ng	108171	Chrysene-d12	22.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	93
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	89
3	4-Pyrenecarbaldehyde	230	C17H10O	022245-51-8	59
4	5-Amino-7-imino-4,8-diazatricycl...	230	C12H14N4O	1000388-35-6	50
5	m-Terphenyl	230	C18H14	000092-06-8	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052323\
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Acq On : 23 May 2023 20:03
Operator : CG/JU
Sample : 02886-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

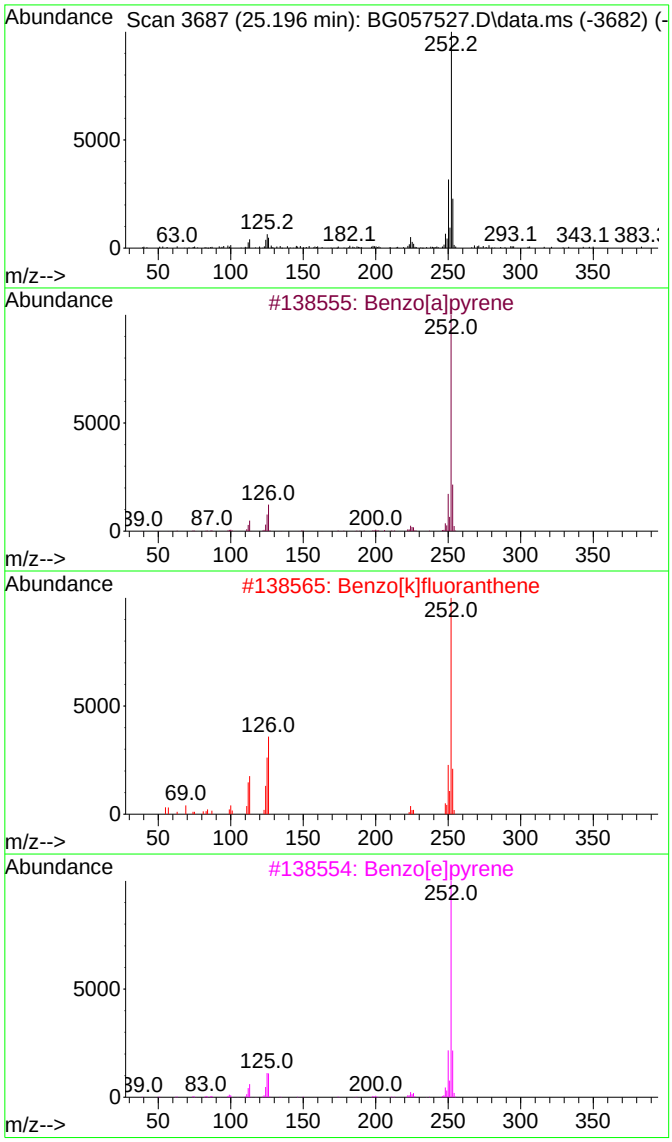
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

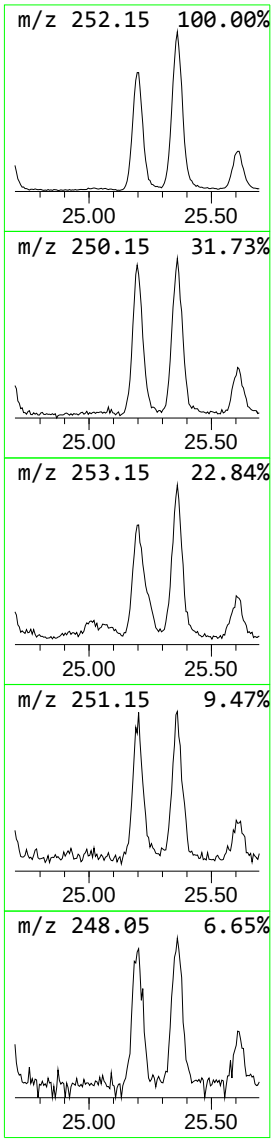
****

Peak Number 19 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.197	18.88 ng	220898	Perylene-d12	25.531

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[a]pyrene	252	C20H12	000050-32-8	81
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	81
3	Benzo[e]pyrene	252	C20H12	000192-97-2	81
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	81
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	76





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052323\
Data File : BG057527.D
Acq On : 23 May 2023 20:03
Operator : CG/JU
Sample : 02886-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.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-...	5.388	3.5	ng	28109	1	8.355	158793	20.0
n-Hexadecanoic ...	18.547	3.0	ng	52669	4	17.712	349369	20.0
1H-Cyclopropa[l...	18.576	6.1	ng	105982	4	17.712	349369	20.0
Phenanthrene, 2...	18.623	6.4	ng	112069	4	17.712	349369	20.0
4H-Cyclopenta[d...	18.776	7.6	ng	132878	4	17.712	349369	20.0
Phenanthrene, 4...	18.805	3.4	ng	59204	4	17.712	349369	20.0
6-Phenylbenzocy...	19.064	3.8	ng	66089	4	17.712	349369	20.0
9,10-Anthracene...	19.116	4.2	ng	73944	4	17.712	349369	20.0
Phenanthrene, 2...	19.304	3.1	ng	54848	4	17.712	349369	20.0
Phenanthrene, 2...	19.475	4.6	ng	80632	4	17.712	349369	20.0
Cyclopenta(def)...	19.628	4.2	ng	72701	4	17.712	349369	20.0
Pyrene, 1-methyl-	20.421	2.2	ng	86108	5	22.018	777603	20.0
Fluoranthene, 2...	20.744	2.3	ng	88990	5	22.018	777603	20.0
7H-Benzo[c]fluo...	20.938	2.1	ng	83710	5	22.018	777603	20.0
11H-Benzo[a]flu...	21.378	2.9	ng	113884	5	22.018	777603	20.0
Benzo[b]naphtho...	21.572	3.2	ng	123488	5	22.018	777603	20.0
unknown21.672	21.672	2.0	ng	78724	5	22.018	777603	20.0
7H-Benz[de]anth...	21.731	2.8	ng	108171	5	22.018	777603	20.0
Benzo[e]pyrene	25.197	18.9	ng	220898	6	25.531	233962	20.0