LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052223\
Data File : BG057505.D
Acq On : 22 May 2023 22:47
Operator : CG/JU
Sample : 02871-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ETGI-367

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: BG057505.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.389	309	315	320	rBV	16772	26791	2.45%	0.298%
2	5.876	391	398	410	rBV	235335	391628	35.87%	4.353%
3	7.498	667	674	686	rBV	254583	444486	40.71%	4.940%
4	8.355	813	820	827	rVB	73883	124705	11.42%	1.386%
5	9.530	1011	1020	1032	rBV	150517	275561	25.24%	3.063%
6	11.193	1295	1303	1314	rVB	97999	176728	16.18%	1.964%
7	13.589	1704	1711	1720	rBV	464734	711995	65.21%	7.913%
8	14.970	1940	1946	1952	rVB	168608	256096	23.45%	2.846%
9	15.035	1952	1957	1963	rVB	32781	50290	4.61%	0.559%
10	15.364	2005	2013	2019	rBV	32206	50609	4.63%	0.562%
11	16.010	2116	2123	2131	rBV	63929	93038	8.52%	1.034%
12	16.303	2168	2173	2181	rVB2	57474	82773	7.58%	0.920%
13	16.450	2191	2198	2210	rBV	365363	551485	50.51%	6.129%
14	17.008	2280	2293	2298	rBV4	11398	25245	2.31%	0.281%
15	17.226	2322	2330	2334	rBV6	5872	12373	1.13%	0.138%
16	17.361	2347	2353	2358	rVV2	17248	26986	2.47%	0.300%
17	17.425	2359	2364	2376	rVV4	5466	15126	1.39%	0.168%
18	17.525	2376	2381	2387	rVB	24756	37025	3.39%	0.412%
19	17.707	2406	2412	2415	rBV	217514	323591	29.63%	3.596%
20	17.749	2415	2419	2428	rVB	372903	587845	53.84%	6.533%
21	17.843	2431	2435	2443	rBV	16280	28088	2.57%	0.312%
22	18.113	2475	2481	2488	rBV3	7768	17893	1.64%	0.199%
23	18.289	2506	2511	2516	rBV2	8847	12874	1.18%	0.143%
24	18.547	2551	2555	2556	rBV2	27372	32683	2.99%	0.363%
25	18.571	2556	2559	2564	rVV	43892	65001	5.95%	0.722%
26	18.624	2564	2568	2574	rVB	53834	75486	6.91%	0.839%
27	18.706	2576	2582	2585	rVB2	7154	11408	1.04%	0.127%
28	18.777	2585	2594	2597	rBV3	54869	111456	10.21%	1.239%
29	18.959	2621	2625	2631	rBV5	18932	28687	2.63%	0.319%
30	19.059	2637	2642	2647	rBV	32154	45247	4.14%	0.503%
31	19.111	2647	2651	2659	rVB2	27632	39201	3.59%	0.436%
32	19.299	2677	2683	2688	rBV7	8782	16381	1.50%	0.182%
33	19.352	2688	2692	2695	rVV2	8260	11578	1.06%	0.129%
34	19.470	2705	2712	2716	rBV2	20772	33338	3.05%	0.371%
35	19.622	2732	2738	2743	rBV3	18506	33727	3.09%	0.375%
36	19.740	2749	2758	2764	rBV	413701	592545	54.27%	6.586%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052223\
Data File : BG057505.D
Acq On : 22 May 2023 22:47
Operator : CG/JU
Sample : 02871-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ETGI-367

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	19.875	2777	2781	2786	rVB6	12741	14499	1.33%	0.161%
38	19.987	2795	2800	2805	rVV	12786	25393	2.33%	0.282%
39	20.034	2805	2808	2809	rVV3	16606	17688	1.62%	0.197%
40	20.063	2809	2813	2815	rVV2	58246	91383	8.37%	1.016%
41	20.104	2815	2820	2825	rVV	272995	410962	37.64%	4.568%
42	20.163	2826	2830	2835	rVB2	18786	27784	2.54%	0.309%
43	20.275	2844	2849	2855	rBV	873578	1091928	100.00%	12.136%
44	20.416	2865	2873	2880	rBV4	23918	60006	5.50%	0.667%
45	20.545	2890	2895	2896	rBV5	16007	22320	2.04%	0.248%
46	20.580	2898	2901	2907	rVB	40612	59261	5.43%	0.659%
47	20.680	2914	2918	2922	rBV	26371	32928	3.02%	0.366%
48	20.744	2925	2929	2932	rVV	23070	34055	3.12%	0.378%
49	20.885	2948	2953	2957	rBV2	19621	33085	3.03%	0.368%
50	20.932	2958	2961	2970	rVB3	15229	28215	2.58%	0.314%
51	21.373	3032	3036	3041	rVB	20978	28822	2.64%	0.320%
52	21.567	3060	3069	3074	rBV3	43286	101042	9.25%	1.123%
53	21.667	3081	3086	3090	rBV2	16065	26035	2.38%	0.289%
54	21.837	3110	3115	3119	rBV	16334	27644	2.53%	0.307%
55	22.013	3135	3145	3150	rBV3	228558	544111	49.83%	6.047%
56	22.066	3150	3154	3162	rVB	70836	125469	11.49%	1.394%
57	22.231	3178	3182	3186	rBV4	10135	16301	1.49%	0.181%
58	22.454	3216	3220	3225	rBV6	8888	14266	1.31%	0.159%
59	22.789	3274	3277	3283	rVB3	15053	21937	2.01%	0.244%
60	24.393	3542	3550	3557	rBV	57219	175906	16.11%	1.955%
61	25.186	3675	3685	3698	rVB2	27643	84624	7.75%	0.941%
62	25.344	3703	3712	3720	rBV	32753	94744	8.68%	1.053%
63	25.515	3731	3741	3750	rBV	110659	325645	29.82%	3.619%
64	29.538	4418	4426	4433	rBV6	11984	41469	3.80%	0.461%

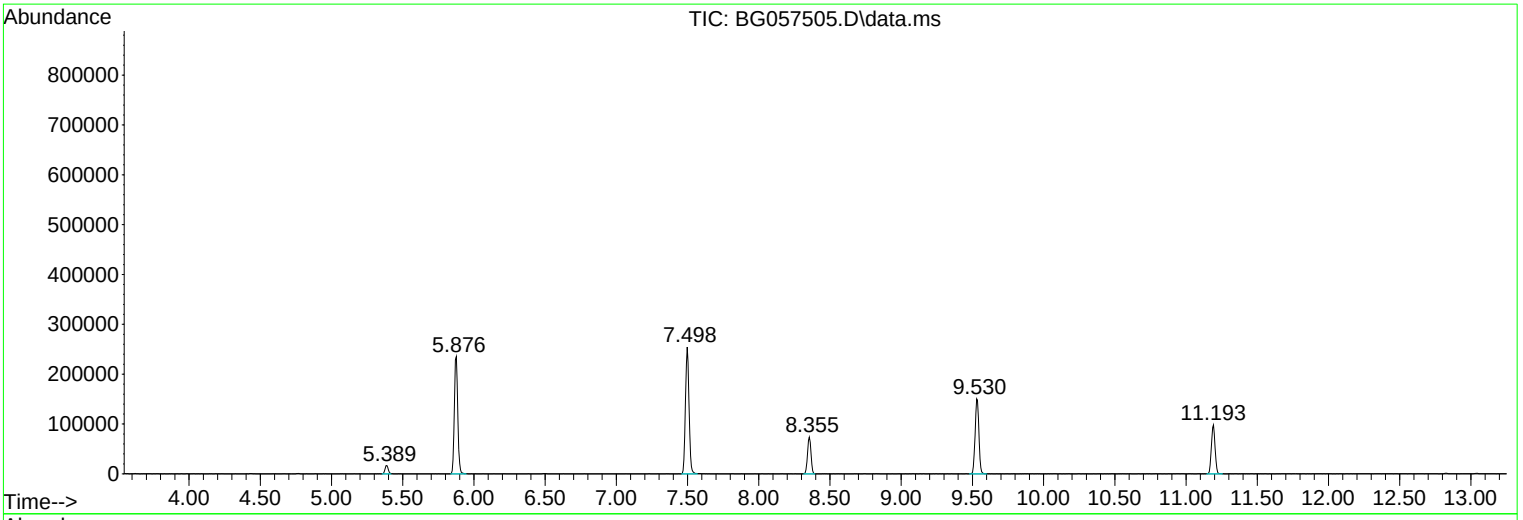
Sum of corrected areas: 8997491

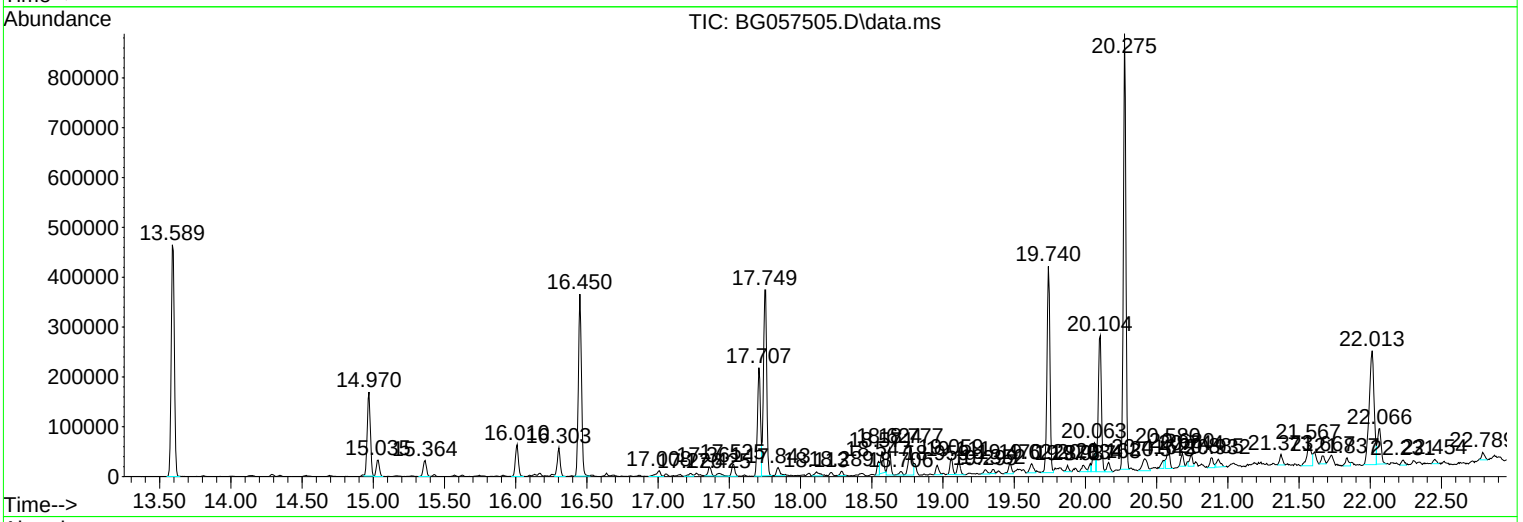
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052223\
Data File : BG057505.D
Acq On : 22 May 2023 22:47
Operator : CG/JU
Sample : 02871-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

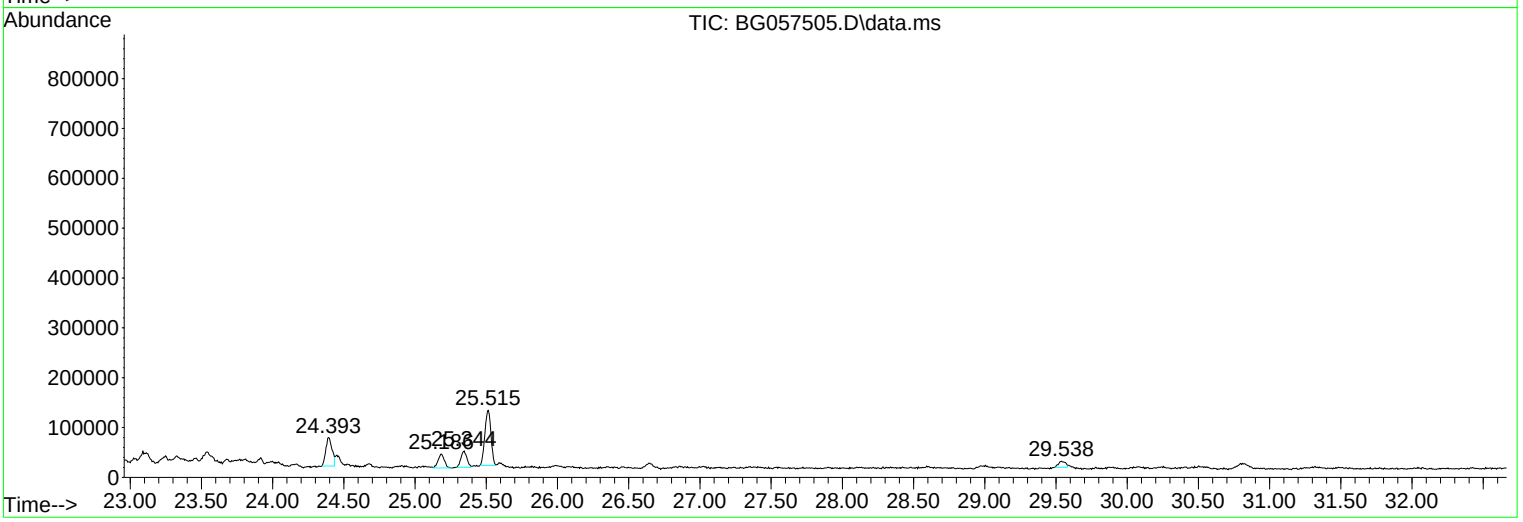
Instrument :
BNA_G
ClientSampleId :
ETGI-367

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\BG052223\
Data File : BG057505.D
Acq On : 22 May 2023 22:47
Operator : CG/JU
Sample : 02871-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ETGI-367

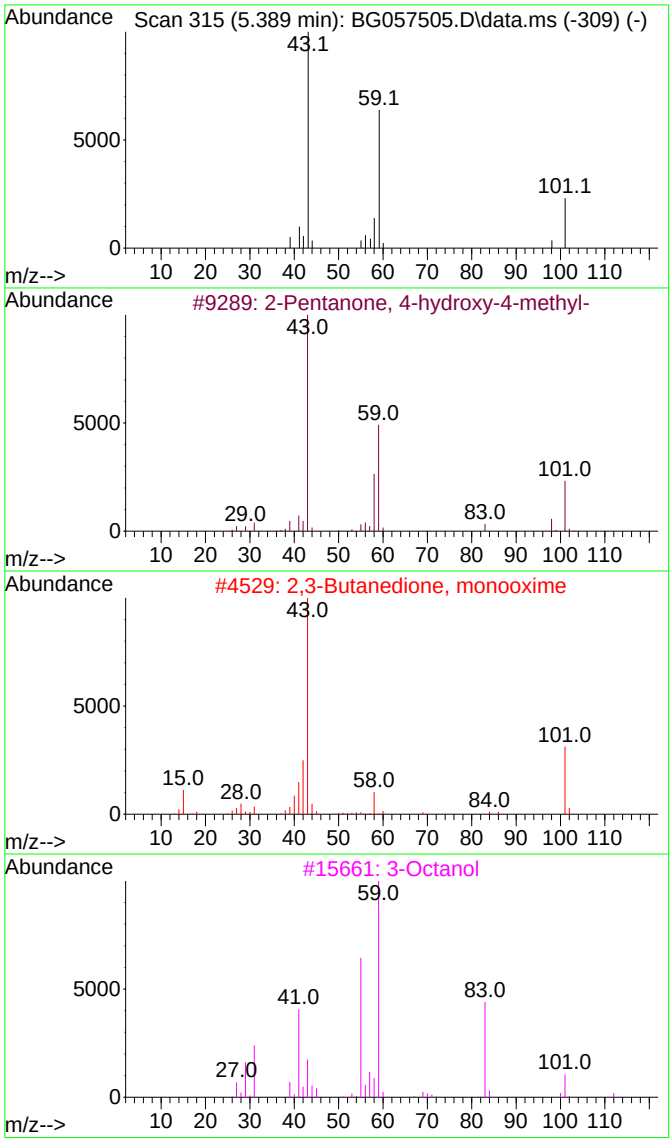
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

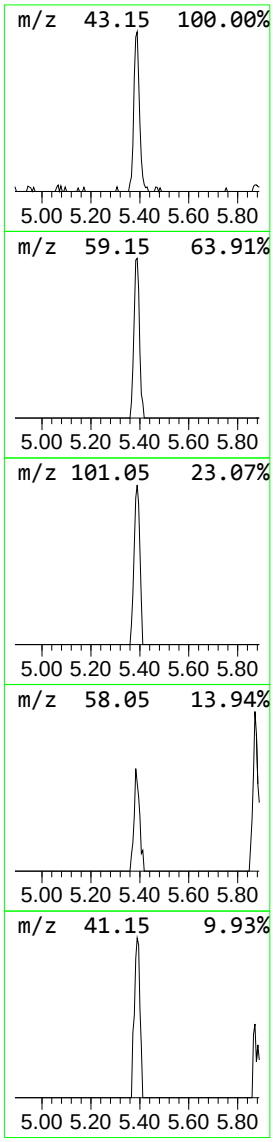
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.389	4.30 ng	26791	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	56
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
3	3-Octanol	130	C8H18O	000589-98-0	9
4	3-Hexanol	102	C6H14O	000623-37-0	9
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052223\
Data File : BG057505.D
Acq On : 22 May 2023 22:47
Operator : CG/JU
Sample : 02871-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ETGI-367

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

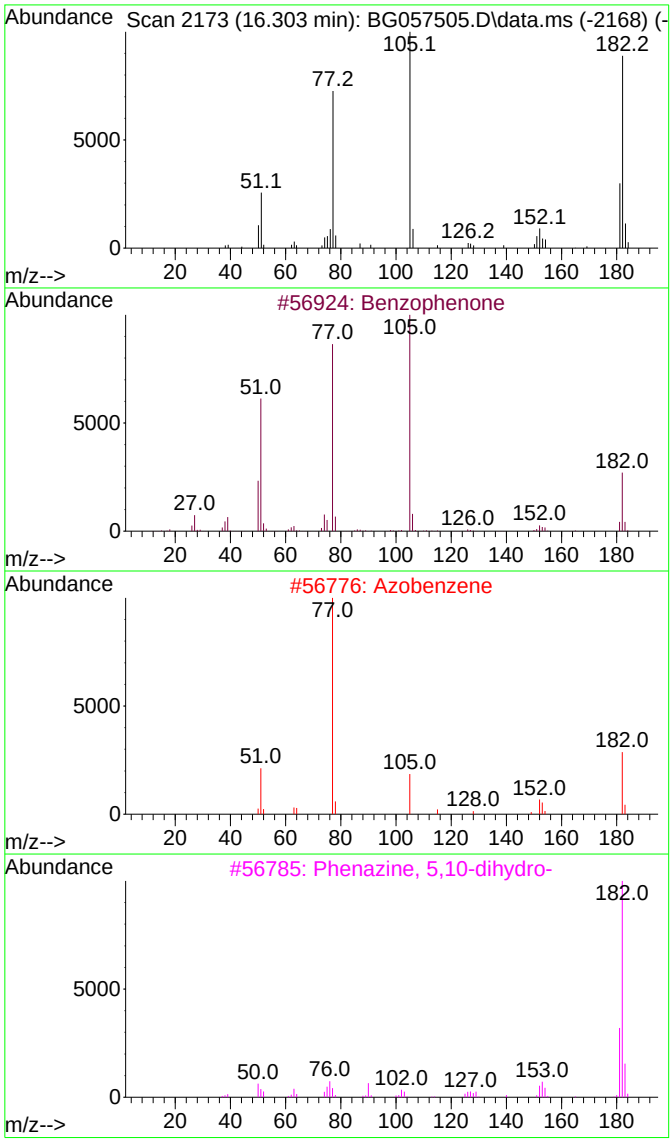
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

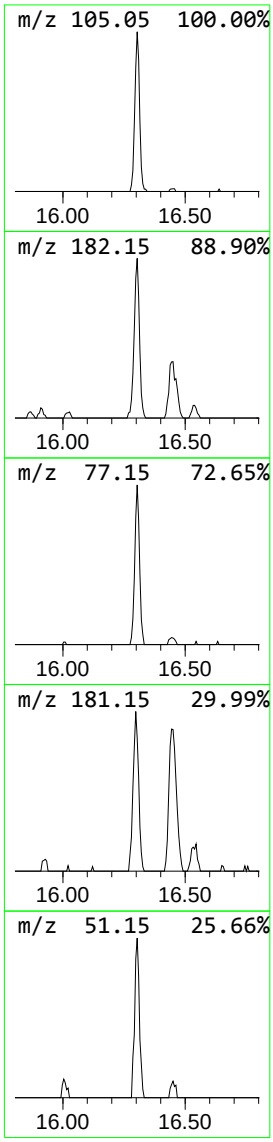
****

Peak Number 2 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.304	6.46 ng	82773	Acenaphthene-d10	14.970

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	94
2	Azobenzene	182	C12H10N2	000103-33-3	72
3	Phenazine, 5,10-dihydro-	182	C12H10N2	000613-32-1	46
4	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	43
5	Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	30





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052223\
Data File : BG057505.D
Acq On : 22 May 2023 22:47
Operator : CG/JU
Sample : 02871-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ETGI-367

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

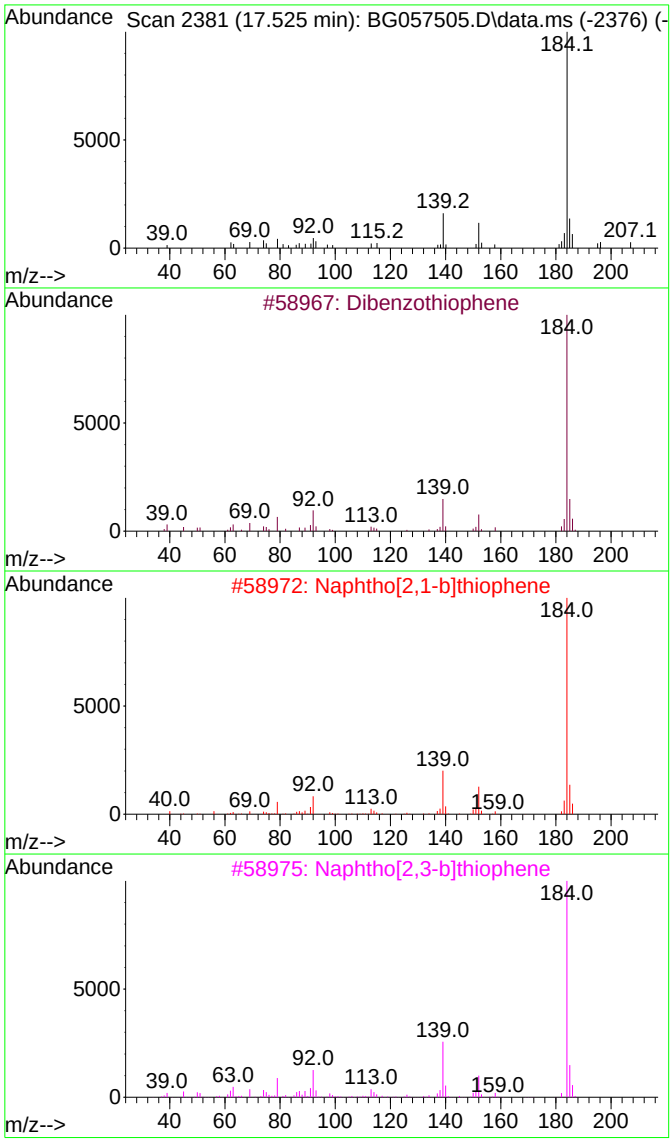
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

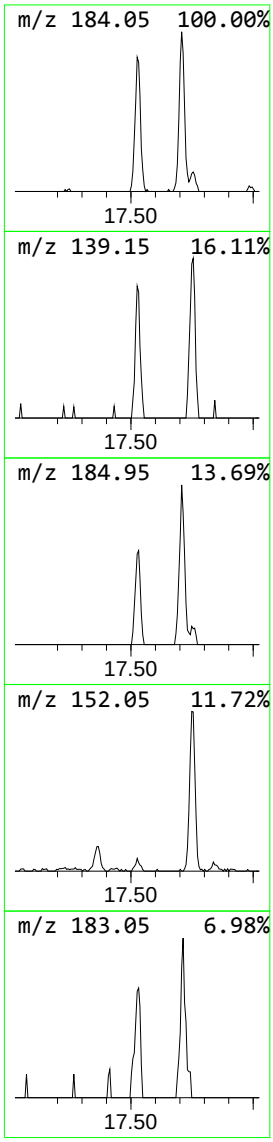
****

Peak Number 3 Dibenzothiophene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.525	2.29 ng	37025	Phenanthrene-d10	17.707

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	93
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	91
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	90
4	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	90
5	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052223\
Data File : BG057505.D
Acq On : 22 May 2023 22:47
Operator : CG/JU
Sample : 02871-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ETGI-367

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

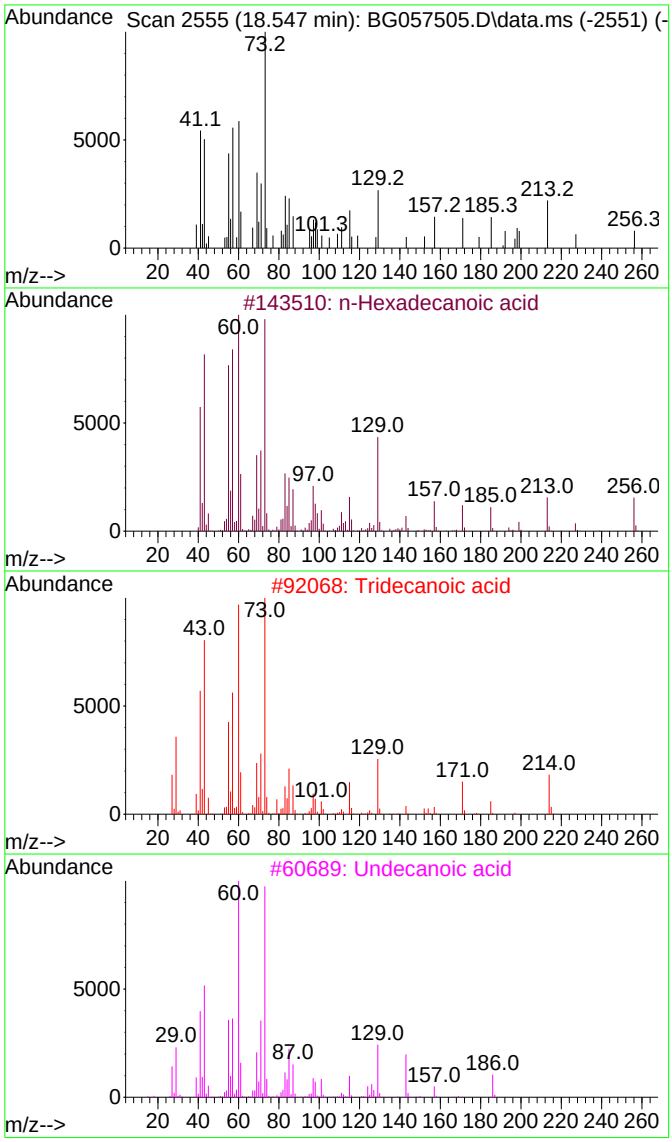
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

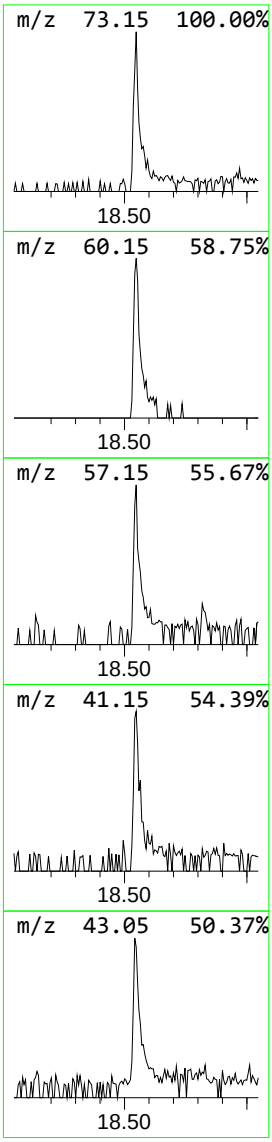
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.547	2.02 ng	32683	Phenanthrene-d10	17.707

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Tridecanoic acid	214	C13H26O2	000638-53-9	50
3	Undecanoic acid	186	C11H22O2	000112-37-8	47
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	47
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052223\
Data File : BG057505.D
Acq On : 22 May 2023 22:47
Operator : CG/JU
Sample : 02871-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ETGI-367

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

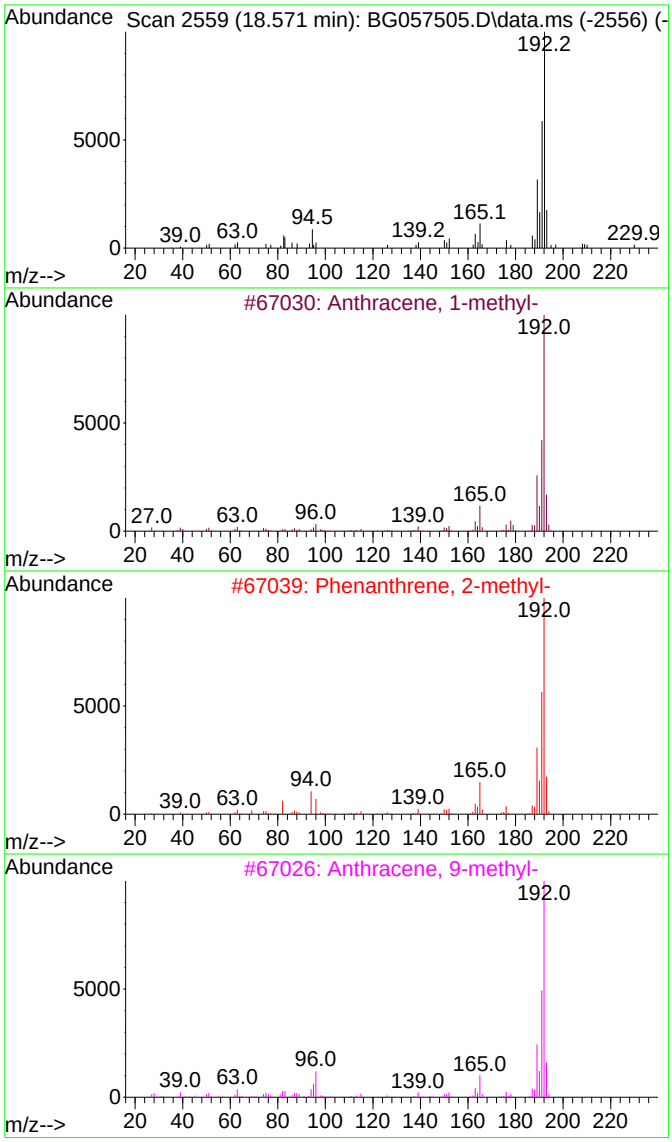
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

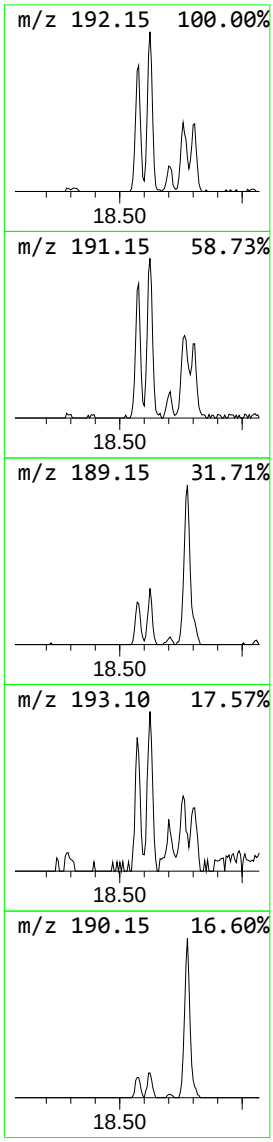
****

Peak Number 5 Anthracene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.571	4.02 ng	65001	Phenanthrene-d10	17.707

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052223\
Data File : BG057505.D
Acq On : 22 May 2023 22:47
Operator : CG/JU
Sample : 02871-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ETGI-367

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

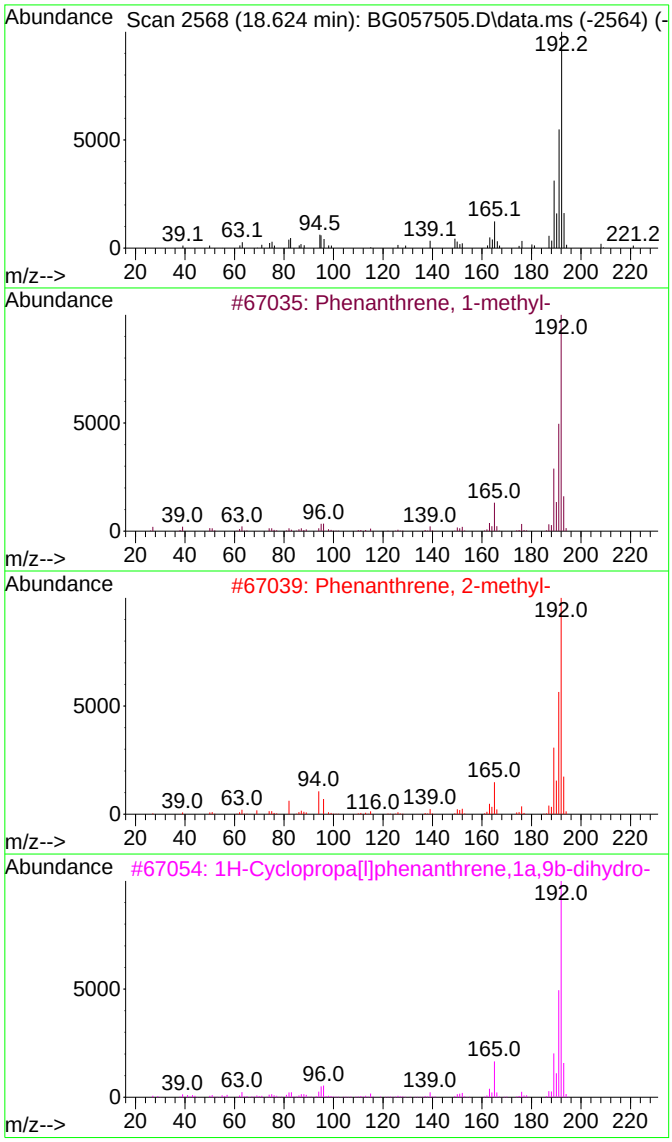
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

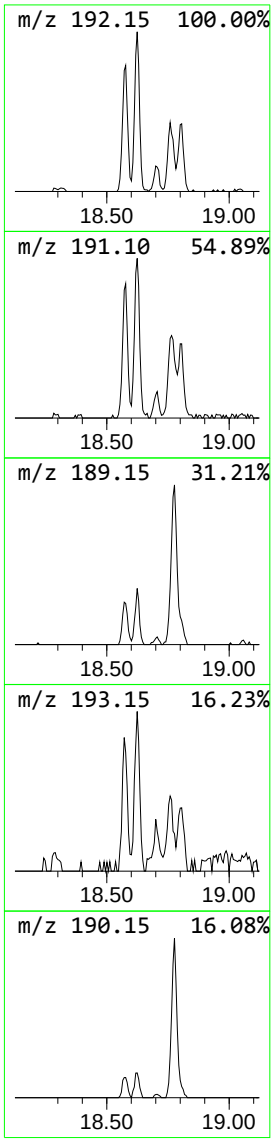
****

Peak Number 6 Phenanthrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.624	4.67 ng	75486	Phenanthrene-d10	17.707

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	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052223\
Data File : BG057505.D
Acq On : 22 May 2023 22:47
Operator : CG/JU
Sample : 02871-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ETGI-367

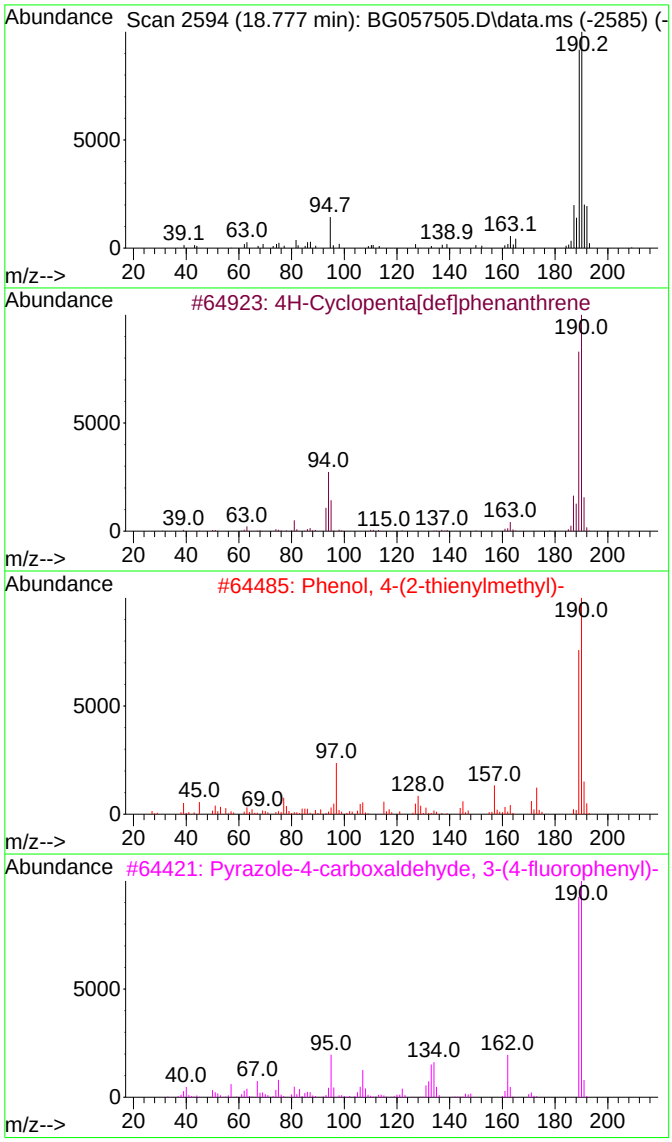
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

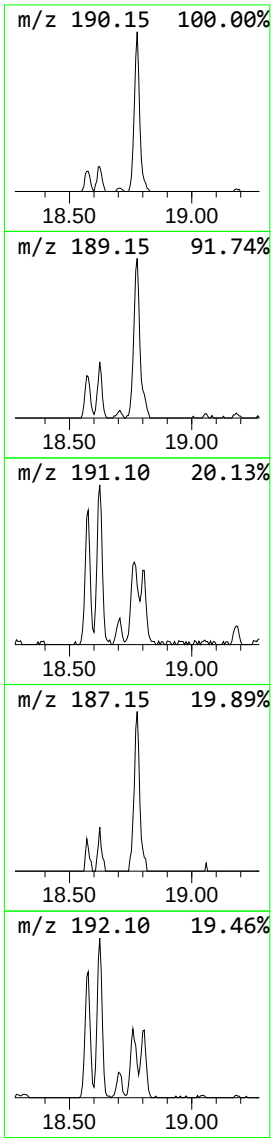
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.777	6.89 ng	111456	Phenanthrene-d10	17.707

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	Phenol, 4-(2-thienylmethyl)-	190	C11H10OS	091680-55-6	59
3	Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	53
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40
5	Benzo[1,2-b:4,3-b']dithiophene	190	C10H6S2	000210-80-0	38





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Data File : BG057505.D
Acq On : 22 May 2023 22:47
Operator : CG/JU
Sample : 02871-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ETGI-367

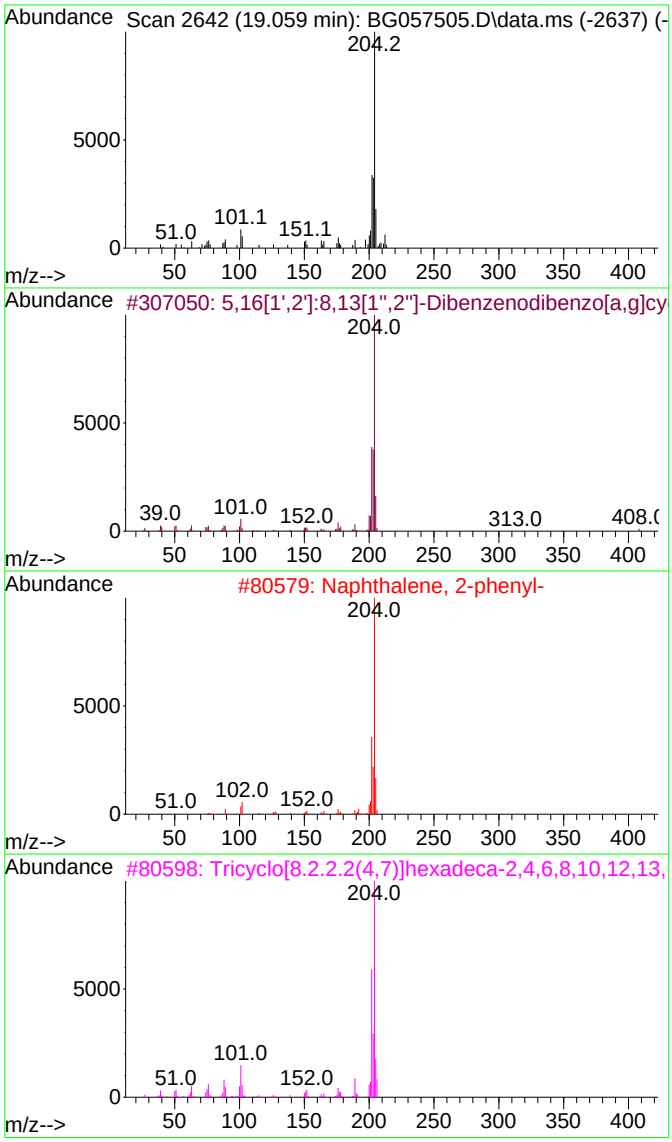
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

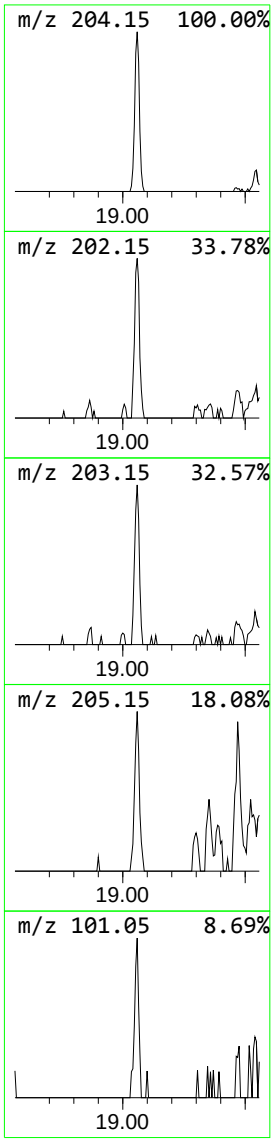
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.058	2.80 ng	45247	Phenanthrene-d10	17.707

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	81
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	68
4	6-Cyanophenanthridine	204	C14H8N2	002176-28-5	60
5	1,4-Ethenoanthracene, 1,4-dihydro-	204	C16H12	027765-96-4	52





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Acq On : 22 May 2023 22:47
Operator : CG/JU
Sample : 02871-01
Misc :
ALS Vial : 12 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

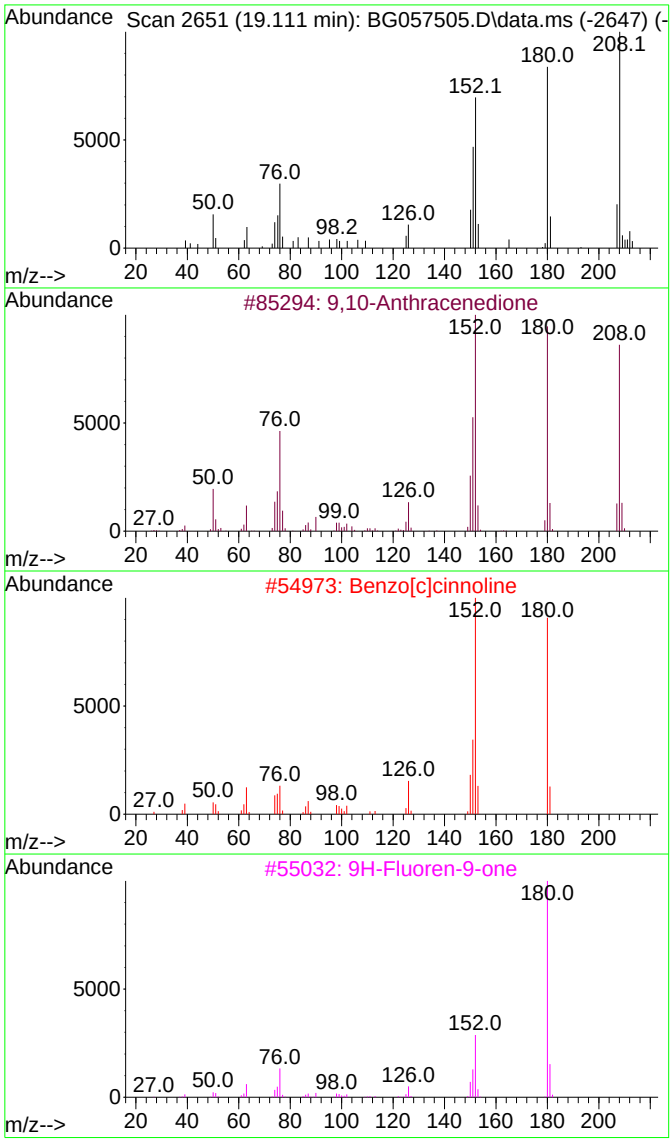
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

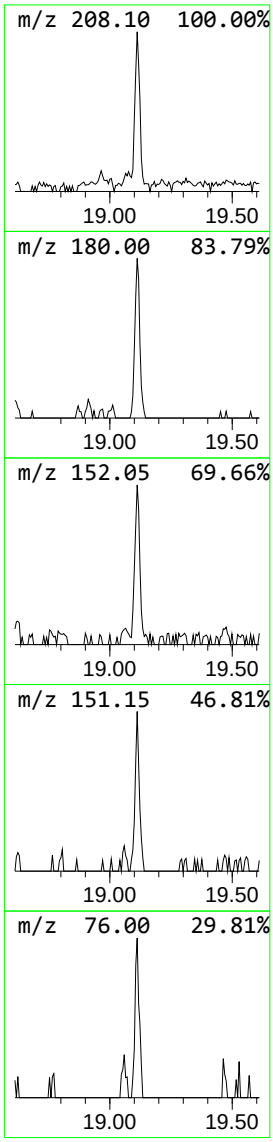
****

Peak Number 9 9,10-Anthracenedione Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.111	2.42 ng	39201	Phenanthrene-d10	17.707

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	90
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	90
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	55
5	1,4-Anthracenedione	208	C14H8O2	000635-12-1	49





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Operator : CG/JU
Sample : 02871-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ETGI-367

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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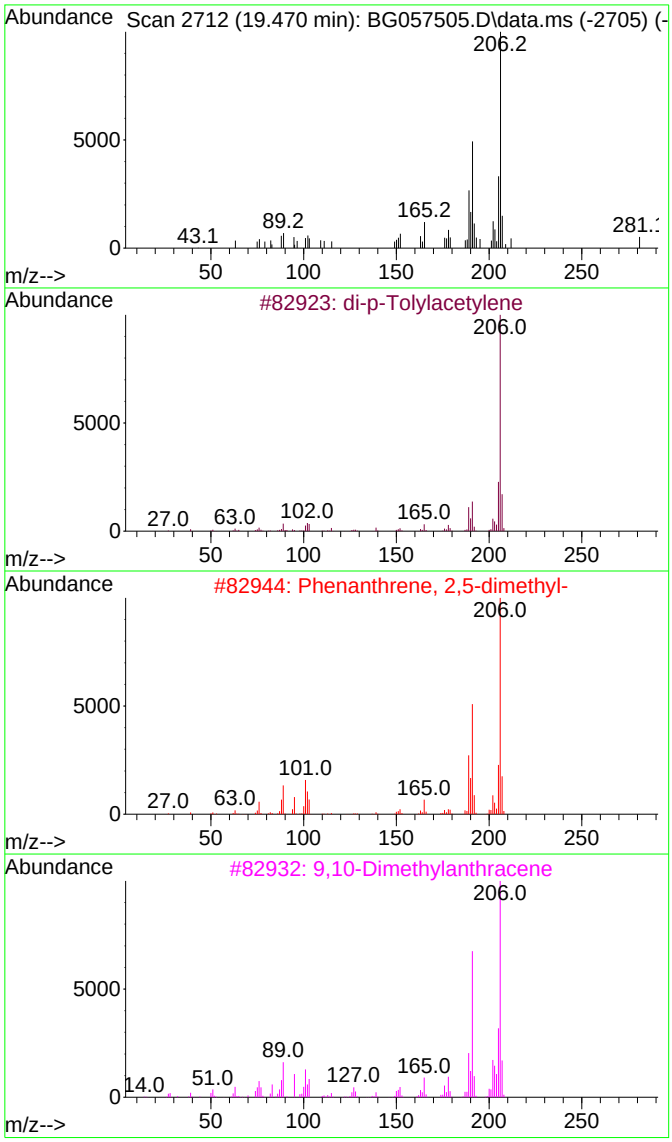
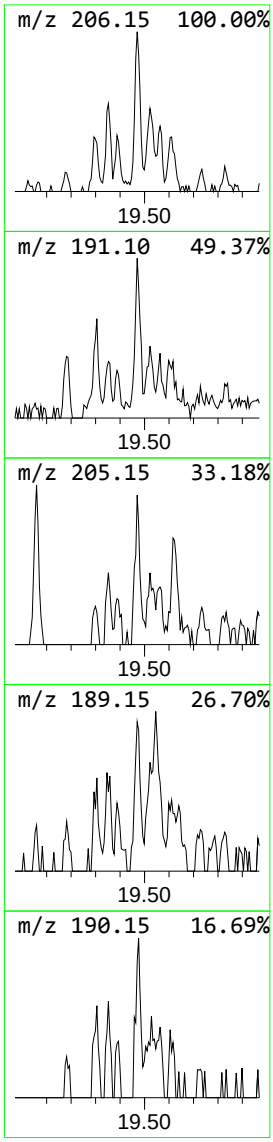
Peak Number 10 di-p-Tolylacetylene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.470	2.06 ng	33338	Phenanthrene-d10	17.707

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	90
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	90
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	87
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87
5	[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14	085385-68-8	87





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Operator : CG/JU
Sample : 02871-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ETGI-367

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

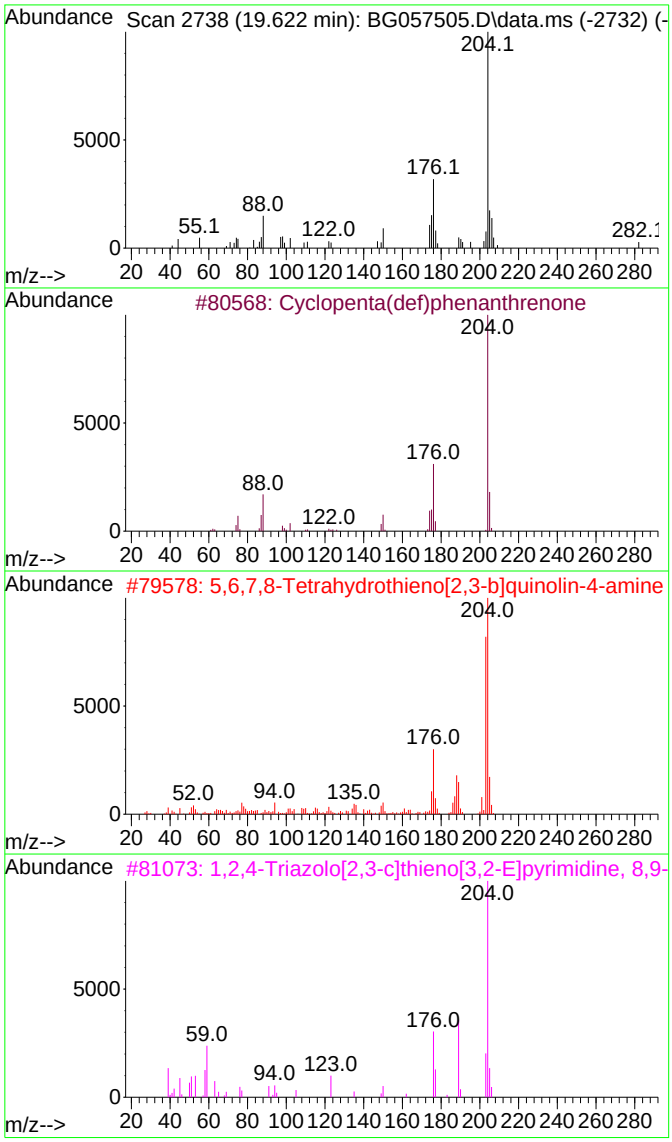
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

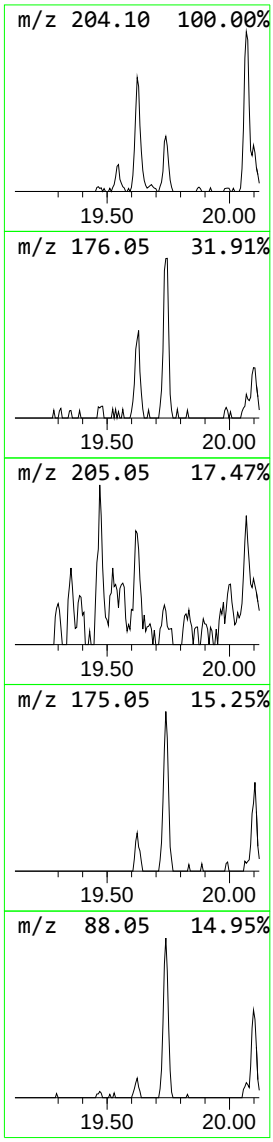
****

Peak Number 11 Cyclopenta(def)phenanthrenone Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.622	2.08 ng	33727	Phenanthrene-d10	17.707

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	90
2	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	64
3	1,2,4-Triazolo[2,3-c]thieno[3,2-...	204	C9H8N4S	113246-88-1	59
4	Tricyclo[5.1.0.0(2,4)]octane, 5-...	247	C17H29N	1000063-59-3	53
5	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	53





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Operator : CG/JU
Sample : 02871-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ETGI-367

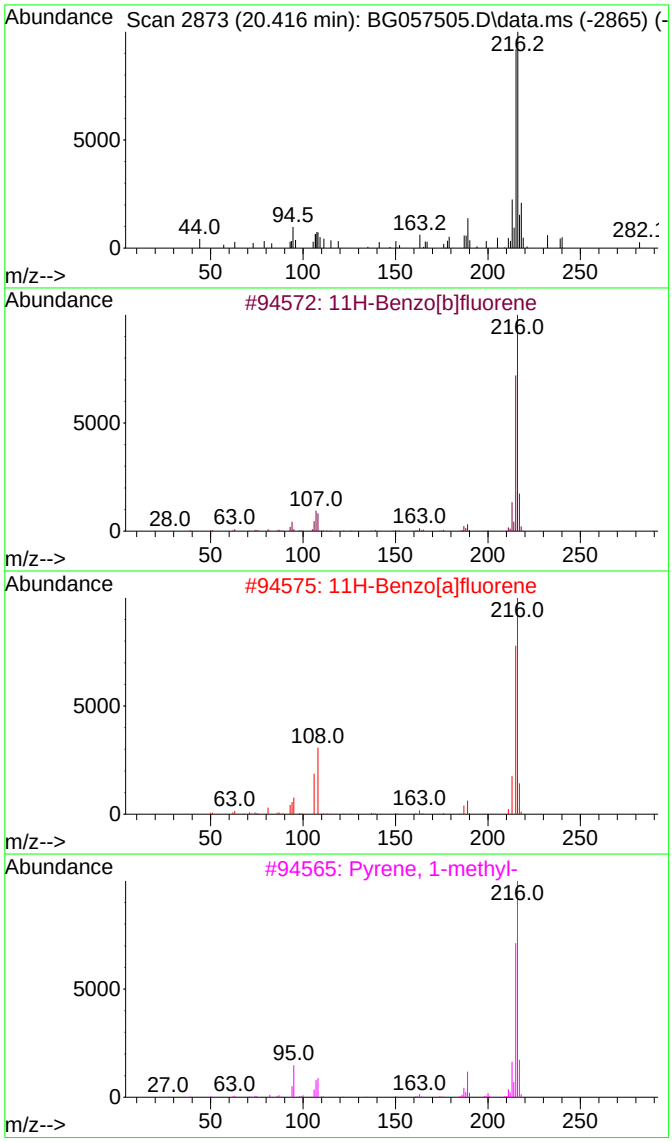
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

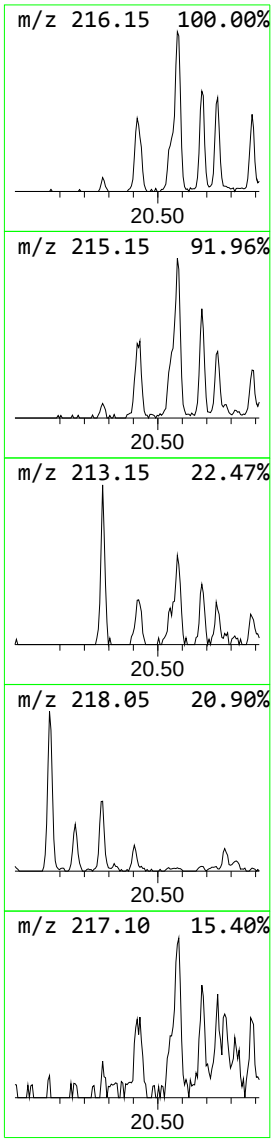
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.416	2.21 ng	60006	Chrysene-d12	22.013

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	72
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	64
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	64
5	Benzoic acid, 3-(3,5-dimethyl-1-...	216	C12H12N2O2	312531-88-7	58





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Operator : CG/JU
Sample : 02871-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ETGI-367

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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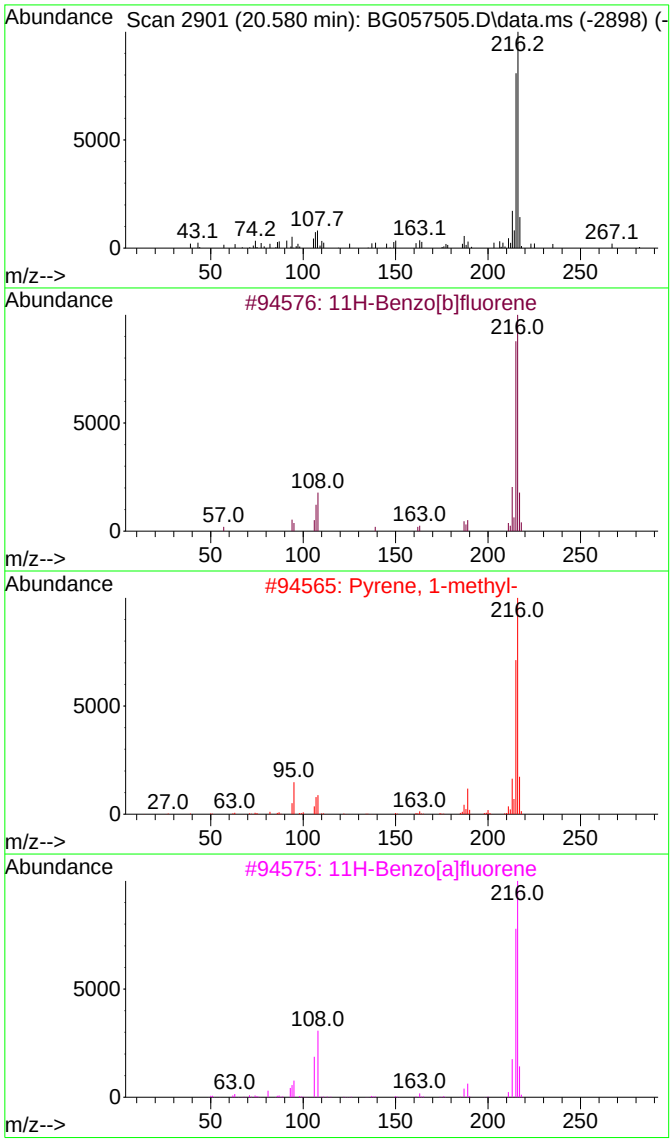
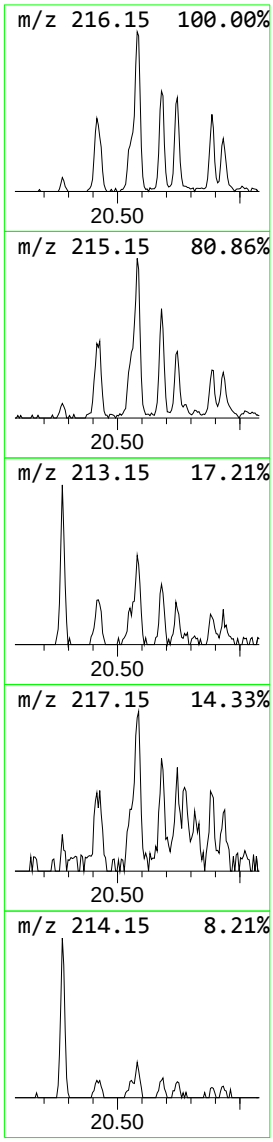
Peak Number 13 Pyrene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.580	2.18 ng	59261	Chrysene-d12	22.013

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	86
5	3-Trifluoromethylcinnamic acid	216	C10H7F3O2	000779-89-5	80





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Data File : BG057505.D
Acq On : 22 May 2023 22:47
Operator : CG/JU
Sample : 02871-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ETGI-367

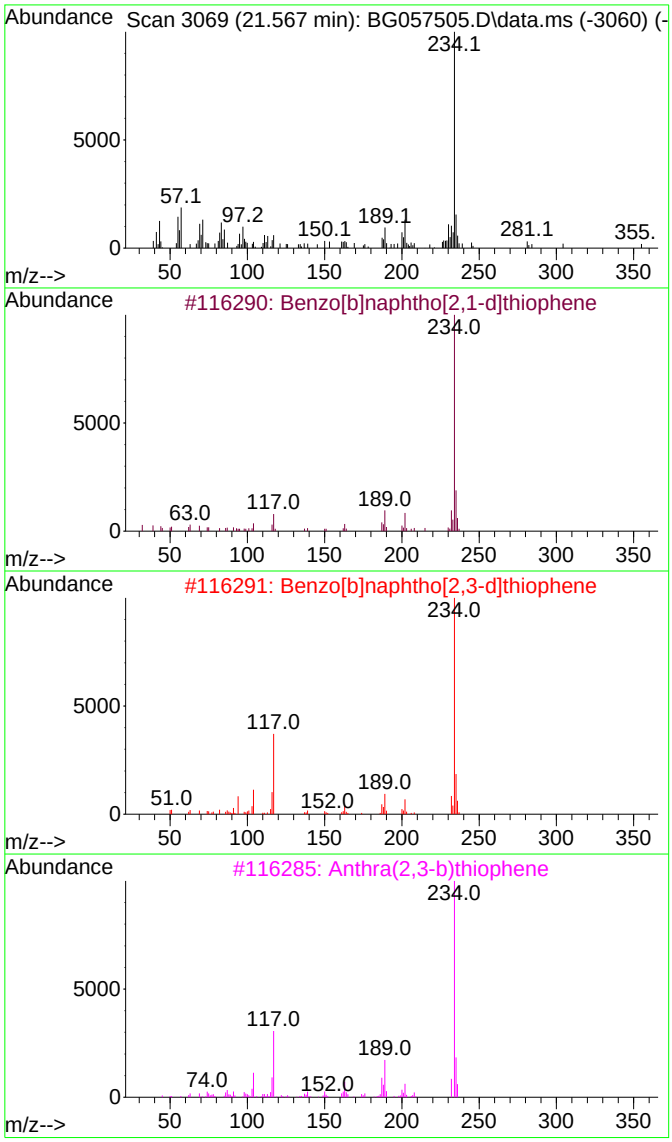
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

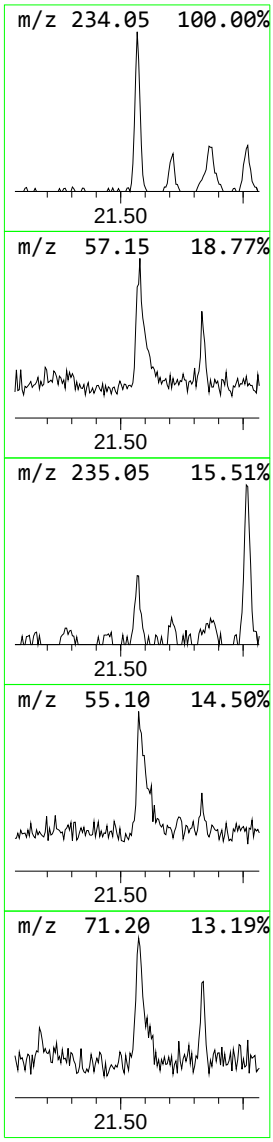
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.567	3.71 ng	101042	Chrysene-d12	22.013

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	94
2	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	87
3	Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	81
4	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	76
5	Phenanthro(2,1-b)thiophene	234	C16H10S	000219-25-0	76





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Operator : CG/JU
Sample : 02871-01
Misc :
ALS Vial : 12 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
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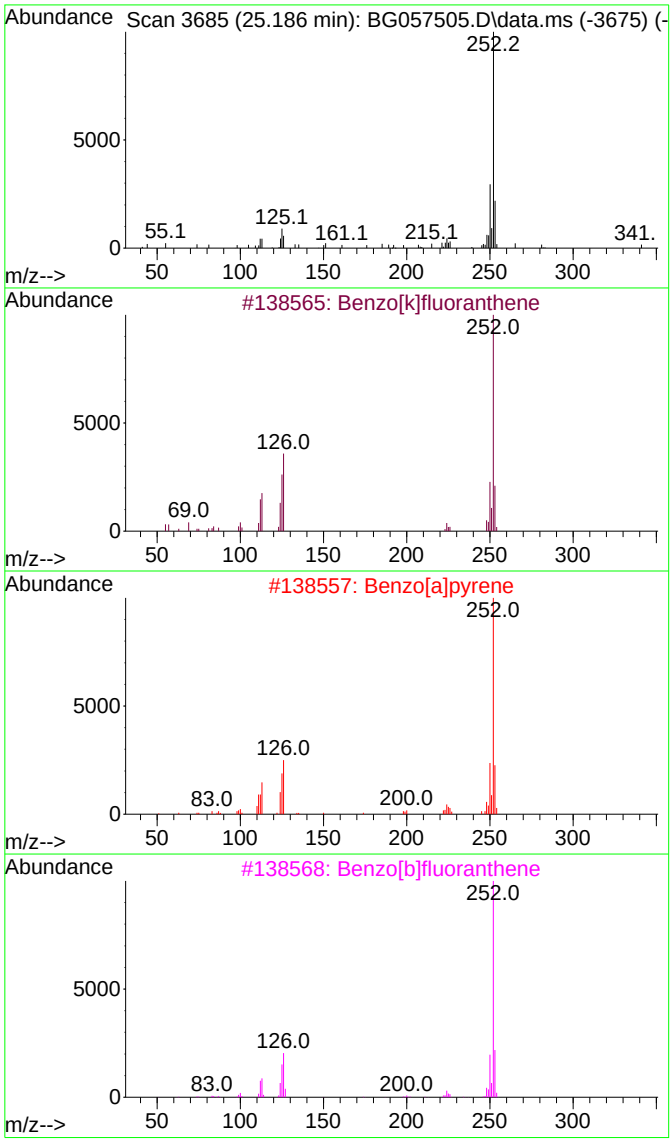
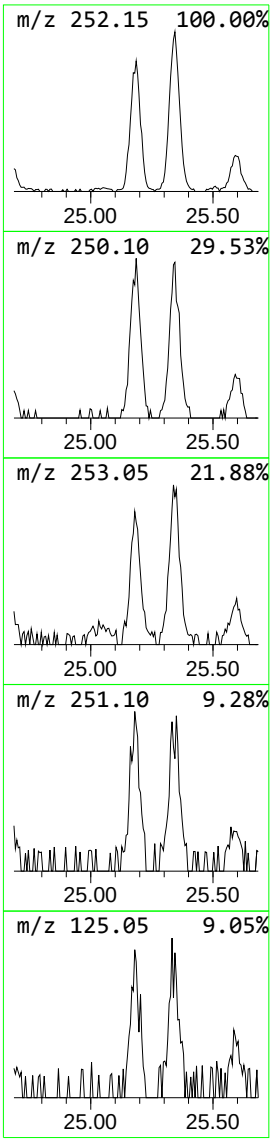
****

Peak Number 15 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.186	5.20 ng	84624	Perylene-d12	25.515

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	91
2	Benzo[a]pyrene	252	C20H12	000050-32-8	90
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	87
4	Benzo[e]pyrene	252	C20H12	000192-97-2	87
5	Perylene	252	C20H12	000198-55-0	74





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052223\
Data File : BG057505.D
Acq On : 22 May 2023 22:47
Operator : CG/JU
Sample : 02871-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
ETGI-367

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-...	5.389	4.3	ng	26791	1	8.355	124705	20.0
Benzophenone	16.304	6.5	ng	82773	3	14.970	256096	20.0
Dibenzothiophene	17.525	2.3	ng	37025	4	17.707	323591	20.0
n-Hexadecanoic ...	18.547	2.0	ng	32683	4	17.707	323591	20.0
Anthracene, 1-m...	18.571	4.0	ng	65001	4	17.707	323591	20.0
Phenanthrene, 1...	18.624	4.7	ng	75486	4	17.707	323591	20.0
4H-Cyclopenta[d...	18.777	6.9	ng	111456	4	17.707	323591	20.0
5,16[1',2']:8,1...	19.058	2.8	ng	45247	4	17.707	323591	20.0
9,10-Anthracene...	19.111	2.4	ng	39201	4	17.707	323591	20.0
di-p-Tolylacety...	19.470	2.1	ng	33338	4	17.707	323591	20.0
Cyclopenta(def)...	19.622	2.1	ng	33727	4	17.707	323591	20.0
11H-Benzo[b]flu...	20.416	2.2	ng	60006	5	22.013	544111	20.0
Pyrene, 1-methyl-	20.580	2.2	ng	59261	5	22.013	544111	20.0
Benzo[b]naphtho...	21.567	3.7	ng	101042	5	22.013	544111	20.0
Benzo[e]pyrene	25.186	5.2	ng	84624	6	25.515	325645	20.0