LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082322\
Data File : BG054709.D
Acq On : 23 Aug 2022 16:08
Operator : CG/JU
Sample : N4272-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PSC-164717

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-BG082222.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG054709.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.788	81	85	96	rVB2	16295	25459	1.27%	0.138%
2	5.227	323	330	338	rBV	67137	108696	5.41%	0.589%
3	5.697	403	410	422	rVB	679422	1095551	54.56%	5.937%
4	7.301	675	683	697	rBV	682898	1172833	58.40%	6.356%
5	8.165	822	830	836	rBV	180634	309541	15.41%	1.677%
6	9.334	1018	1029	1037	rBV	404329	727153	36.21%	3.940%
7	10.985	1303	1310	1317	rBV	253976	465176	23.16%	2.521%
8	13.417	1715	1724	1732	rVB	1021743	1533727	76.38%	8.311%
9	14.792	1949	1958	1964	rBV	414347	653486	32.54%	3.541%
10	14.857	1964	1969	1977	rVB	79846	127019	6.33%	0.688%
11	15.186	2018	2025	2032	rBV	41598	67705	3.37%	0.367%
12	15.832	2129	2135	2146	rVB	112604	180596	8.99%	0.979%
13	16.126	2181	2185	2191	rVB2	25900	39546	1.97%	0.214%
14	16.273	2199	2210	2219	rBV	827335	1301072	64.79%	7.051%
15	16.837	2300	2306	2311	rVV3	19971	31553	1.57%	0.171%
16	16.984	2327	2331	2337	rVB3	13166	21488	1.07%	0.116%
17	17.060	2337	2344	2348	rBV7	12800	30902	1.54%	0.167%
18	17.189	2360	2366	2373	rVB6	14869	28317	1.41%	0.153%
19	17.266	2373	2379	2385	rBV4	16071	35733	1.78%	0.194%
20	17.360	2391	2395	2402	rVB	25300	39635	1.97%	0.215%
21	17.536	2419	2425	2429	rBV	485592	749409	37.32%	4.061%
22	17.577	2429	2432	2439	rVV	323824	484428	24.12%	2.625%
23	17.671	2440	2448	2453	rVV	233508	370835	18.47%	2.010%
24	17.724	2453	2457	2463	rVB2	14694	27507	1.37%	0.149%
25	17.936	2487	2493	2498	rBV	46555	80587	4.01%	0.437%
26	18.053	2509	2513	2518	rBV	14650	21126	1.05%	0.114%
27	18.406	2567	2573	2578	rBV2	90553	152985	7.62%	0.829%
28	18.459	2578	2582	2589	rVB	68120	106541	5.31%	0.577%
29	18.541	2591	2596	2601	rVB2	38304	56741	2.83%	0.307%
30	18.611	2601	2608	2611	rBV2	111870	201573	10.04%	1.092%
31	18.905	2653	2658	2662	rBV	49395	74675	3.72%	0.405%
32	19.146	2696	2699	2704	rVB4	15955	20862	1.04%	0.113%
33	19.316	2723	2728	2733	rBV	32603	54767	2.73%	0.297%
34	19.381	2733	2739	2747	rVB4	18837	52410	2.61%	0.284%
35	19.457	2748	2752	2756	rBV2	27362	46798	2.33%	0.254%
36	19.581	2767	2773	2779	rBV	574085	839167	41.79%	4.547%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082322\
Data File : BG054709.D
Acq On : 23 Aug 2022 16:08
Operator : CG/JU
Sample : N4272-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PSC-164717

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-BG082222.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	19.675	2785	2789	2794	rVB3	29939	41470	2.07%	0.225%
38	19.828	2812	2815	2823	rVB2	21069	39753	1.98%	0.215%
39	19.910	2823	2829	2831	rBV2	104047	161379	8.04%	0.875%
40	19.945	2831	2835	2841	rVV	451252	668021	33.27%	3.620%
41	20.010	2843	2846	2852	rVB2	29534	43098	2.15%	0.234%
42	20.139	2861	2868	2873	rBV	1496770	2008114	100.00%	10.882%
43	20.268	2883	2890	2896	rBV3	42735	116700	5.81%	0.632%
44	20.403	2907	2913	2914	rBV3	28745	50058	2.49%	0.271%
45	20.433	2914	2918	2923	rVB2	84682	123959	6.17%	0.672%
46	20.533	2931	2935	2939	rBV	62784	83715	4.17%	0.454%
47	20.591	2939	2945	2949	rVV2	41147	78893	3.93%	0.428%
48	20.732	2965	2969	2973	rBV2	34262	50693	2.52%	0.275%
49	20.779	2974	2977	2981	rVB2	22762	32705	1.63%	0.177%
50	21.208	3045	3050	3055	rVB	38766	64560	3.21%	0.350%
51	21.443	3086	3090	3095	rBV2	106378	157915	7.86%	0.856%
52	21.831	3147	3156	3161	rBV3	473807	1135417	56.54%	6.153%
53	21.878	3161	3164	3173	rVB	198183	330276	16.45%	1.790%
54	22.037	3186	3191	3201	rVB3	26502	59586	2.97%	0.323%
55	23.053	3359	3364	3374	rVB3	75090	152080	7.57%	0.824%
56	24.128	3539	3547	3555	rBV	120023	418607	20.85%	2.268%
57	24.892	3670	3677	3692	rVB	69498	211423	10.53%	1.146%
58	25.045	3695	3703	3719	rVB	92410	276353	13.76%	1.498%
59	25.209	3720	3731	3742	rBV2	247245	813110	40.49%	4.406%

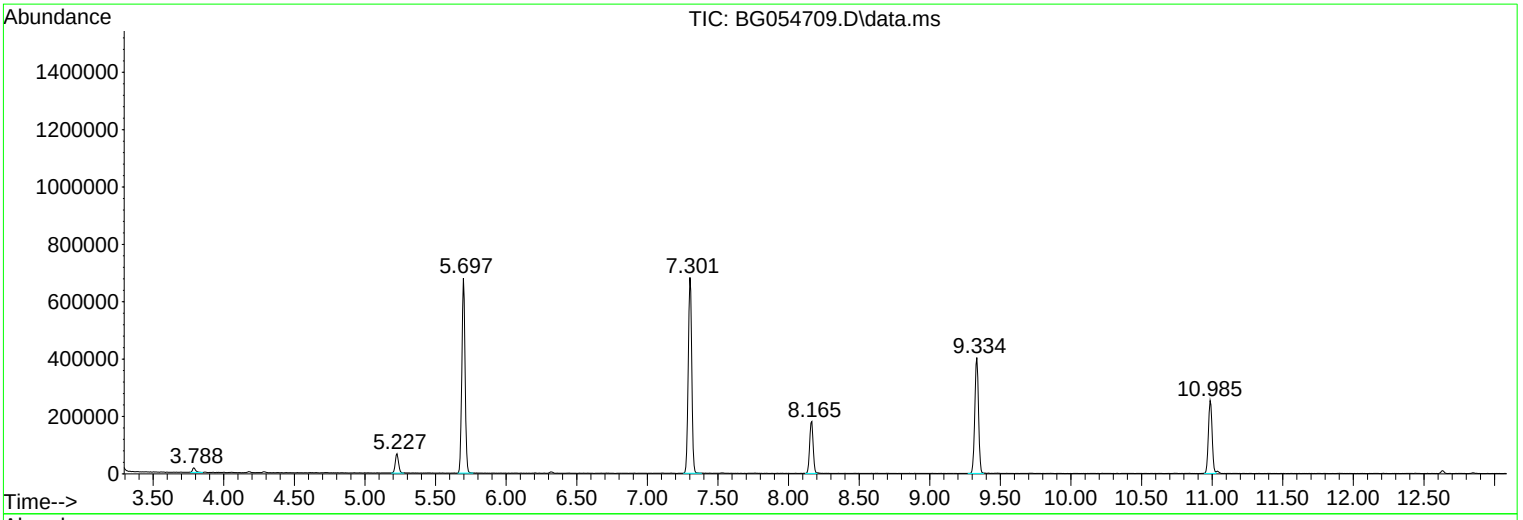
Sum of corrected areas: 18453484

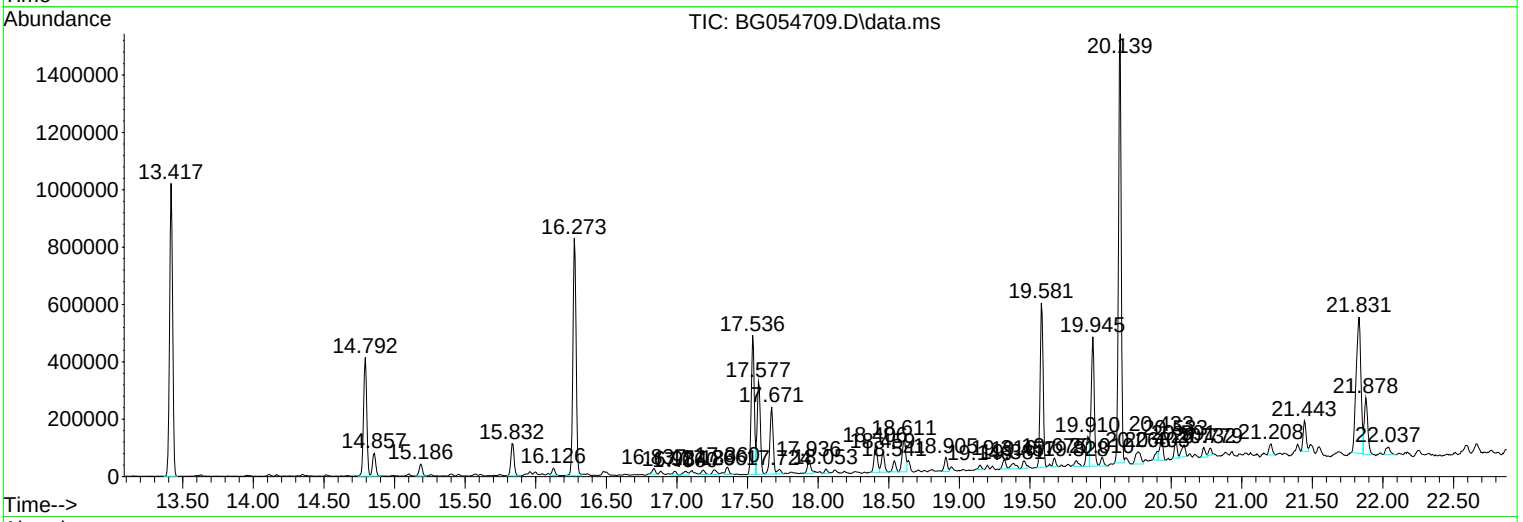
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082322\
Data File : BG054709.D
Acq On : 23 Aug 2022 16:08
Operator : CG/JU
Sample : N4272-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

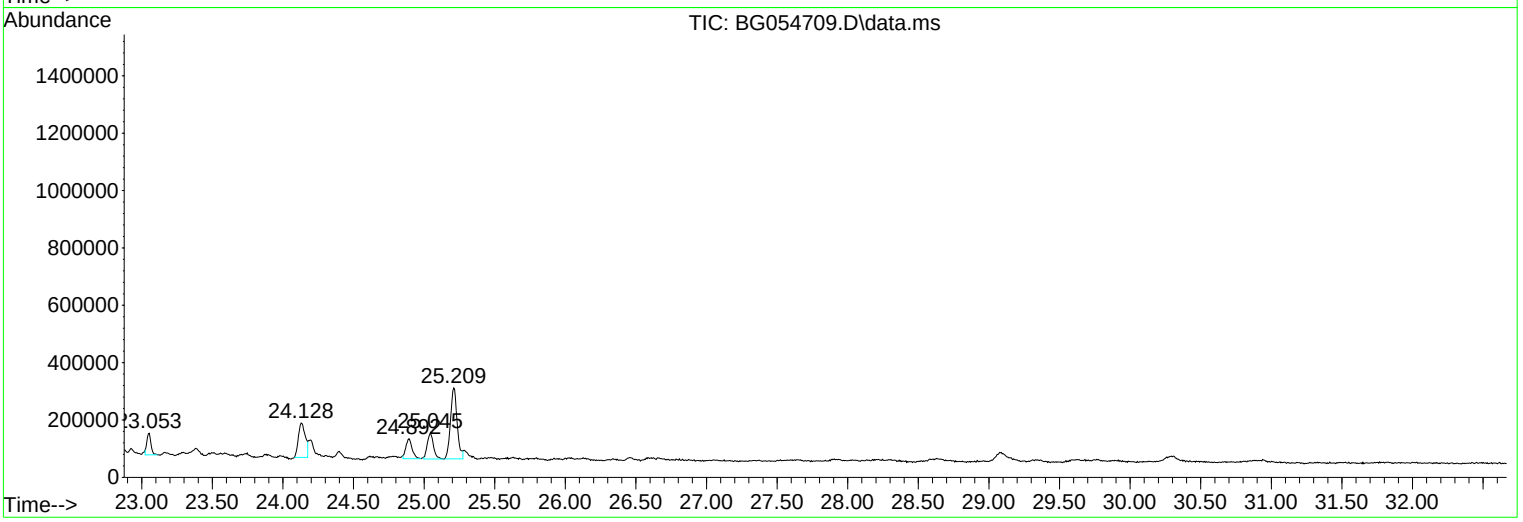
Instrument :
BNA_G
ClientSampleId :
PSC-164717

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082222.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\BG082322\
Data File : BG054709.D
Acq On : 23 Aug 2022 16:08
Operator : CG/JU
Sample : N4272-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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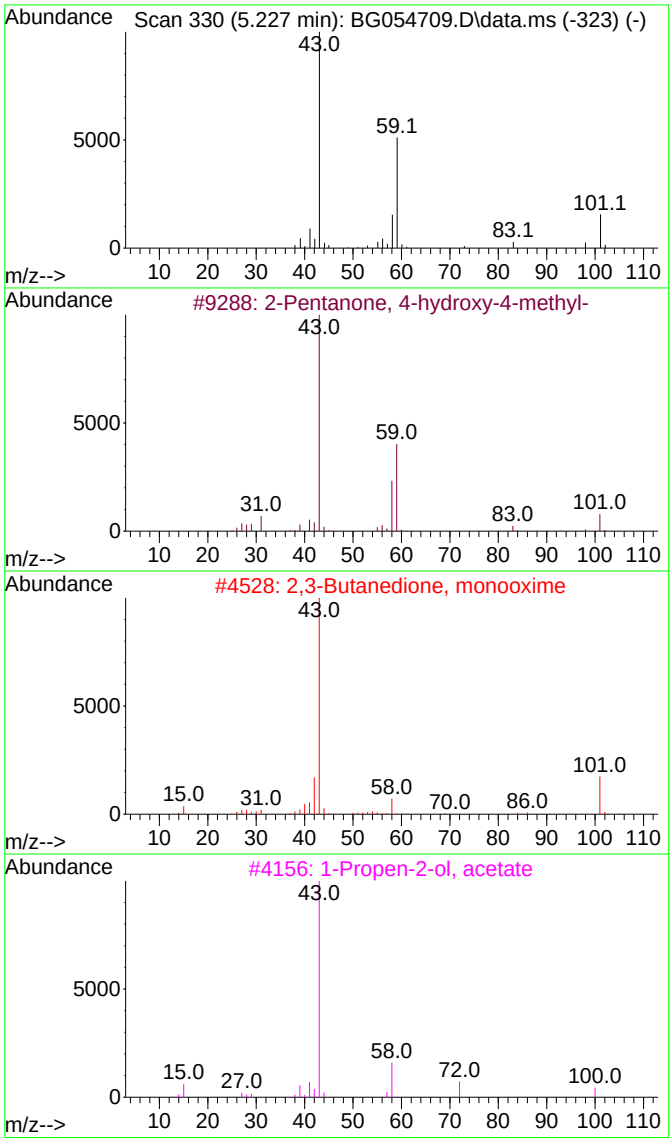
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

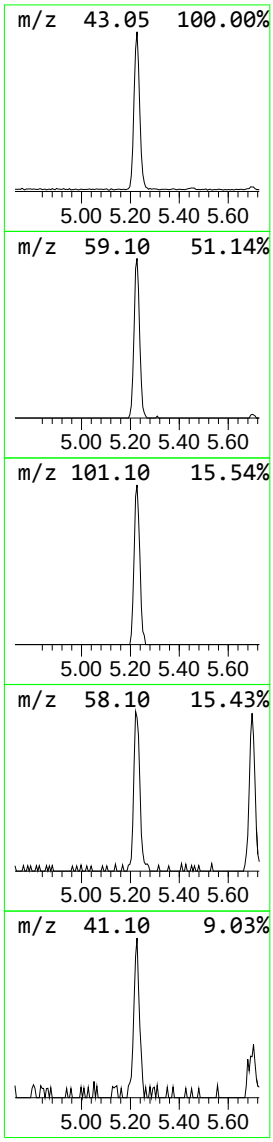
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.227	7.02 ng	108696	1,4-Dichlorobenzene-d4	8.165

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
4	5-Hexen-2-one	98	C6H10O	000109-49-9	10
5	Acetamide, N-(aminocarbonyl)-	102	C3H6N2O2	000591-07-1	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082322\
Data File : BG054709.D
Acq On : 23 Aug 2022 16:08
Operator : CG/JU
Sample : N4272-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PSC-164717

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

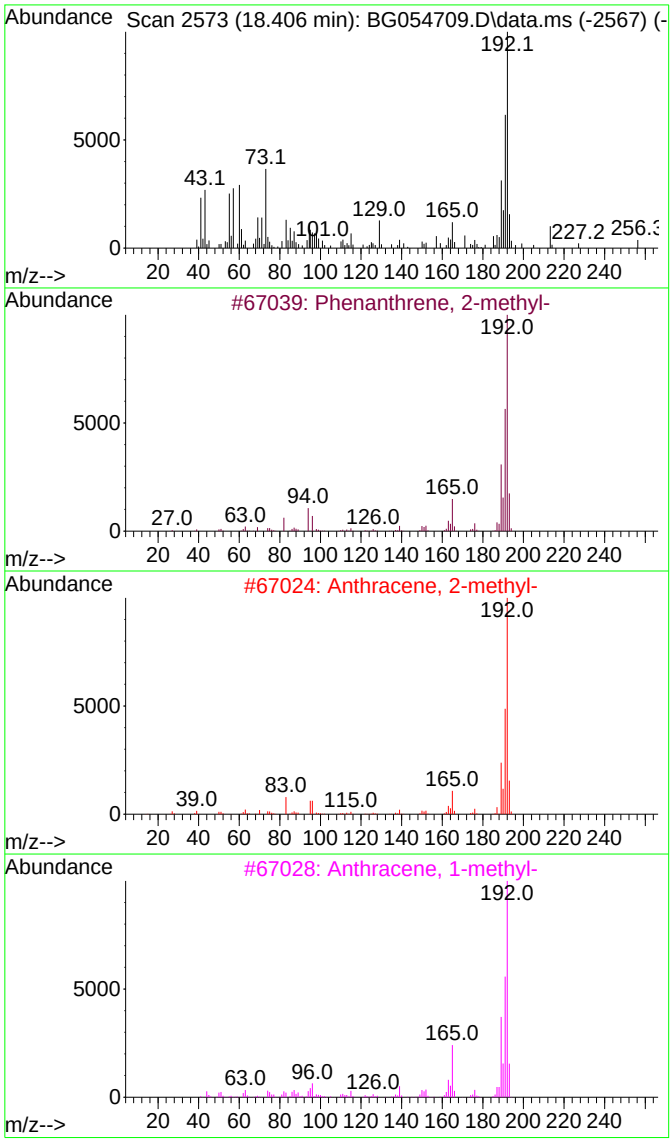
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

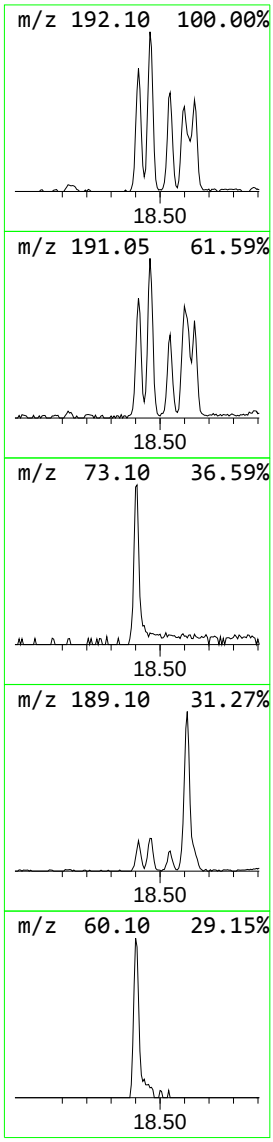
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.406	4.08 ng	152985	Phenanthrene-d10	17.536

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082322\
Data File : BG054709.D
Acq On : 23 Aug 2022 16:08
Operator : CG/JU
Sample : N4272-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PSC-164717

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

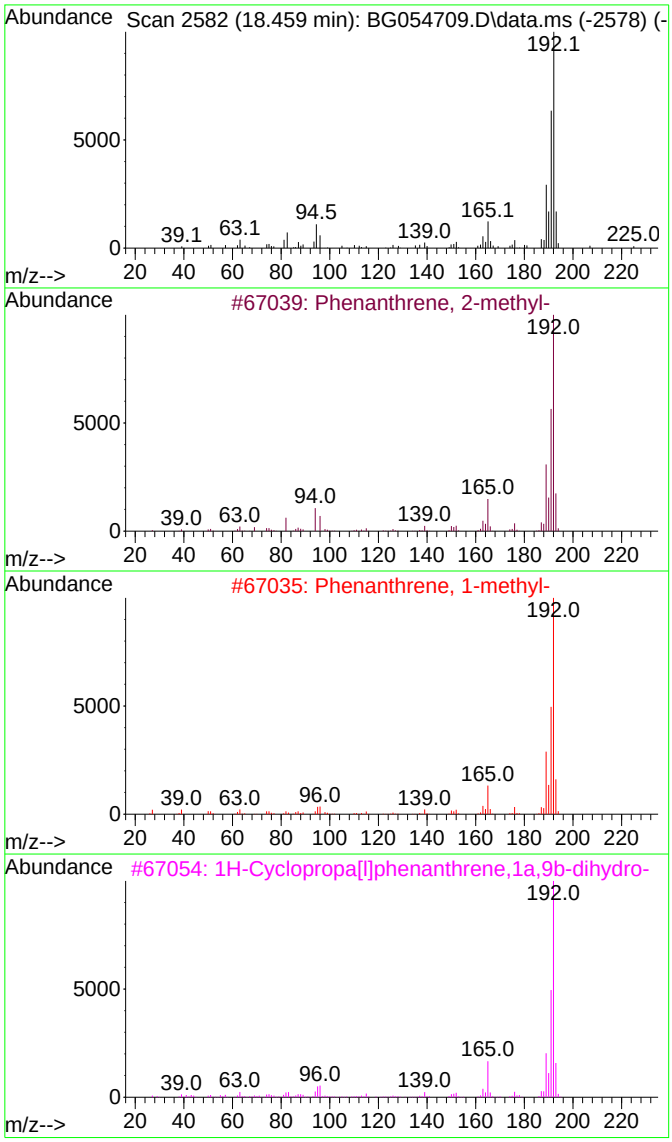
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

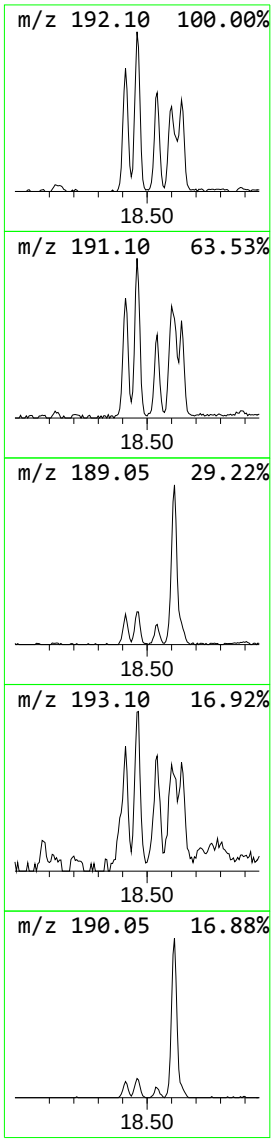
****

Peak Number 4 Phenanthrene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.459	2.84 ng	106541	Phenanthrene-d10	17.536

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082322\
Data File : BG054709.D
Acq On : 23 Aug 2022 16:08
Operator : CG/JU
Sample : N4272-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PSC-164717

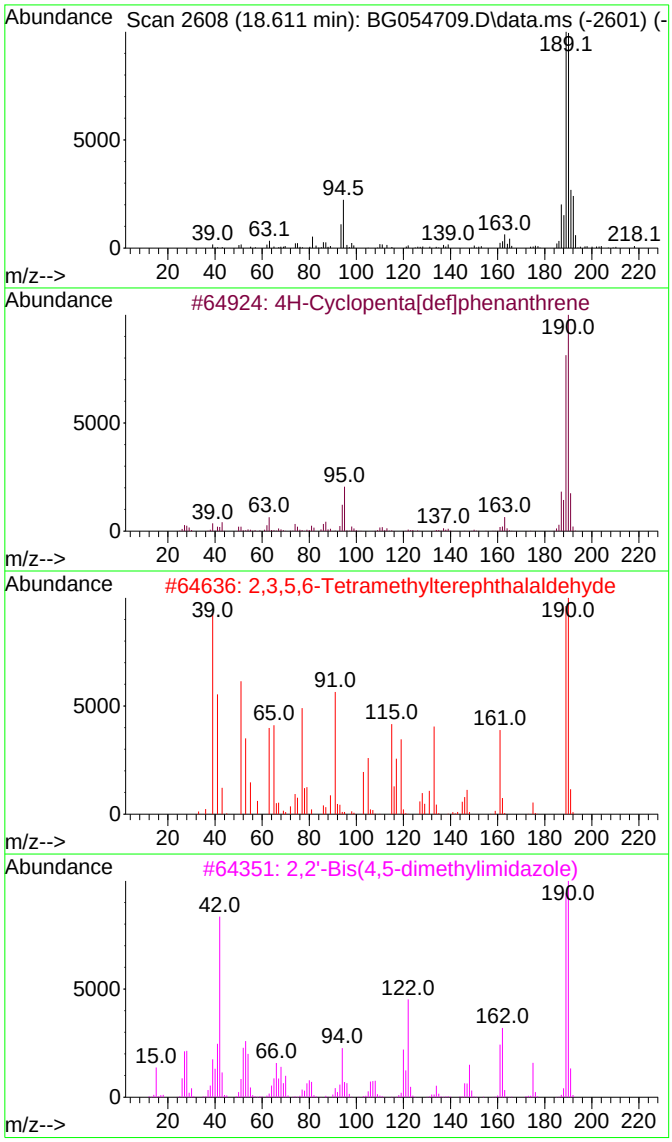
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

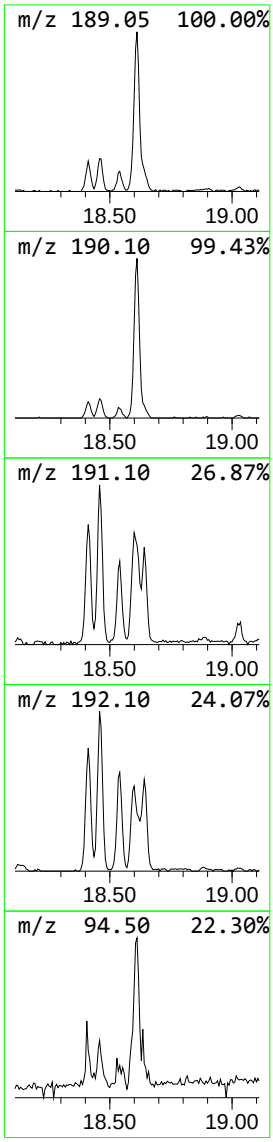
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.611	5.38 ng	201573	Phenanthrene-d10	17.536

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	45
5	Carbonic acid, 2-formyl-4,6-dich...	276	C11H10Cl2O4	1000331-39-3	17





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082322\
Data File : BG054709.D
Acq On : 23 Aug 2022 16:08
Operator : CG/JU
Sample : N4272-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PSC-164717

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

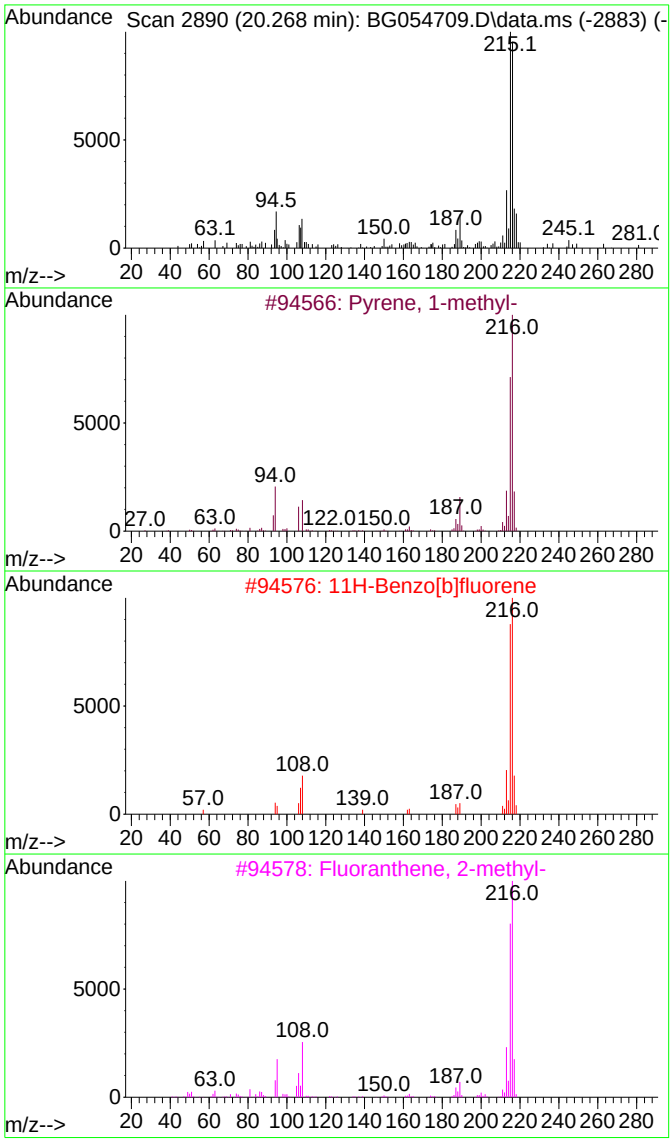
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

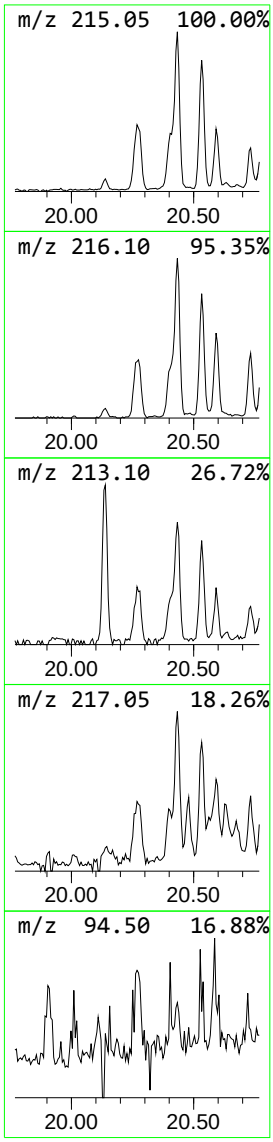
****

Peak Number 6 Pyrene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.268	2.06 ng	116700	Chrysene-d12	21.831

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	98
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	89
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	58
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082322\
Data File : BG054709.D
Acq On : 23 Aug 2022 16:08
Operator : CG/JU
Sample : N4272-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PSC-164717

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

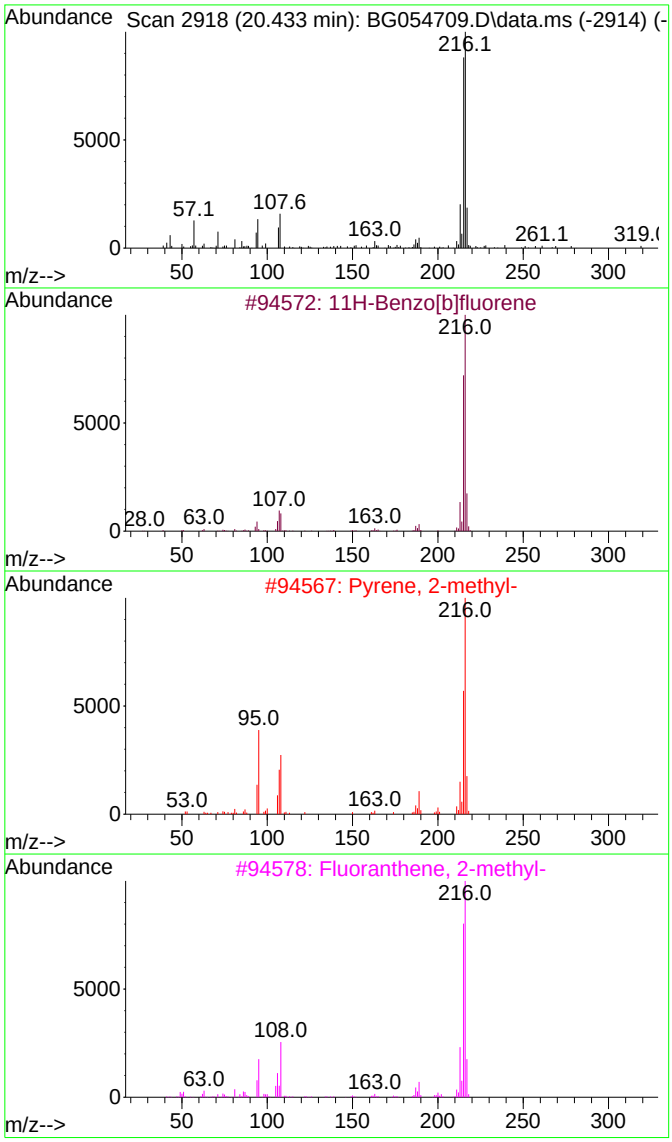
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

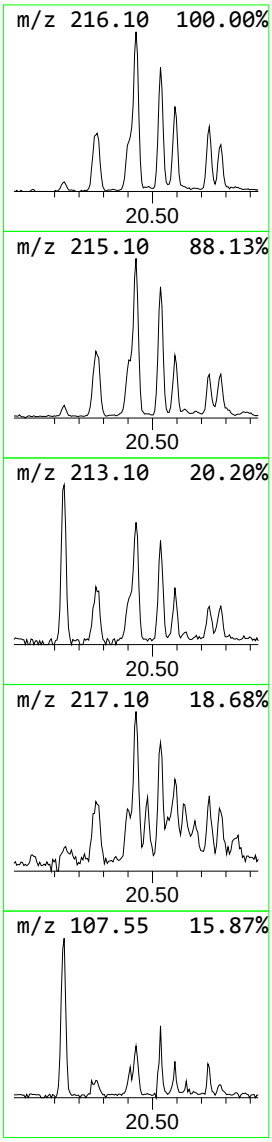
****

Peak Number 7 11H-Benzo[b]fluorene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.433	2.18 ng	123959	Chrysene-d12	21.831

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	89
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082322\
Data File : BG054709.D
Acq On : 23 Aug 2022 16:08
Operator : CG/JU
Sample : N4272-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PSC-164717

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

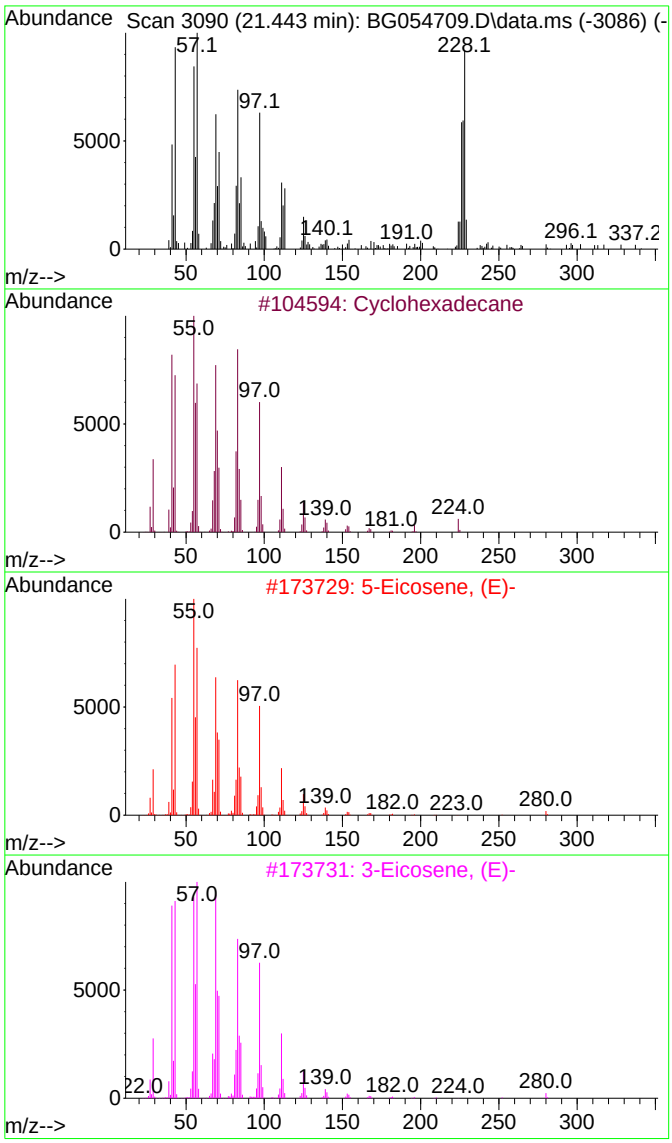
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

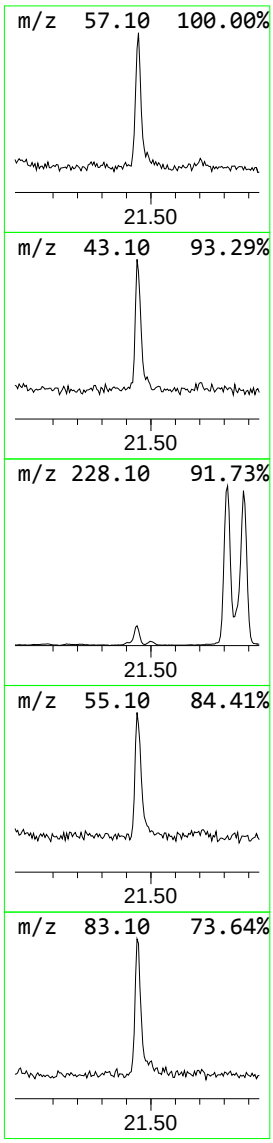
****

Peak Number 8 Cyclohexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.443	2.78 ng	157915	Chrysene-d12	21.831

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	86
2	5-Eicosene, (E)-	280	C20H40	074685-30-6	58
3	3-Eicosene, (E)-	280	C20H40	074685-33-9	53
4	Cyclotetracosane	336	C24H48	000297-03-0	46
5	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	46





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Data File : BG054709.D
Acq On : 23 Aug 2022 16:08
Operator : CG/JU
Sample : N4272-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PSC-164717

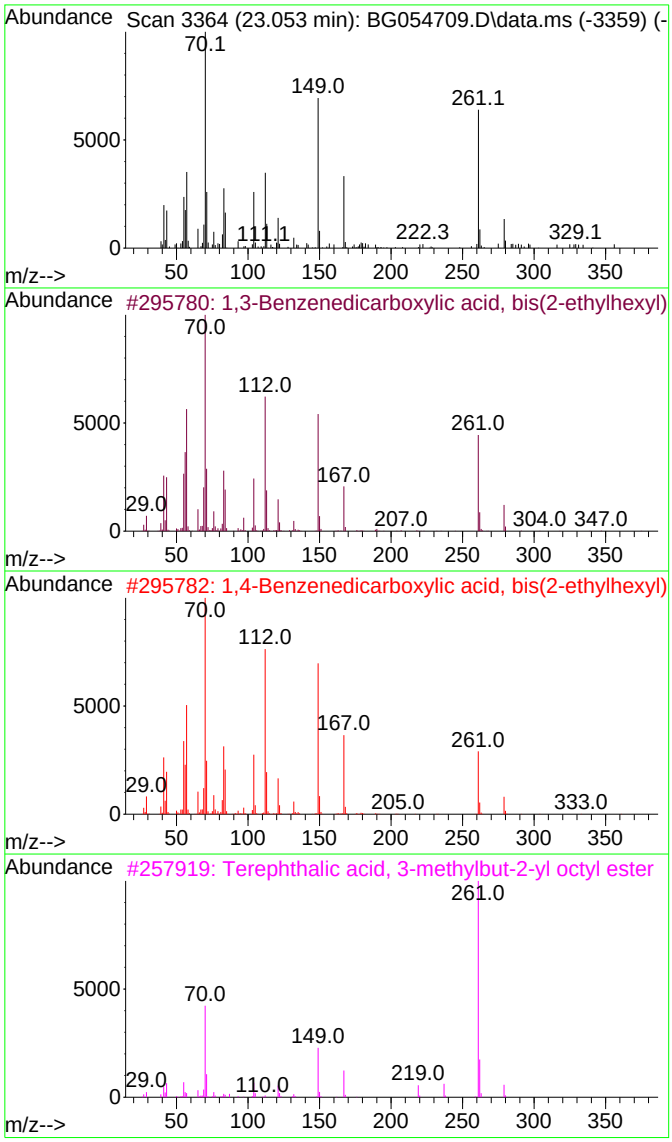
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

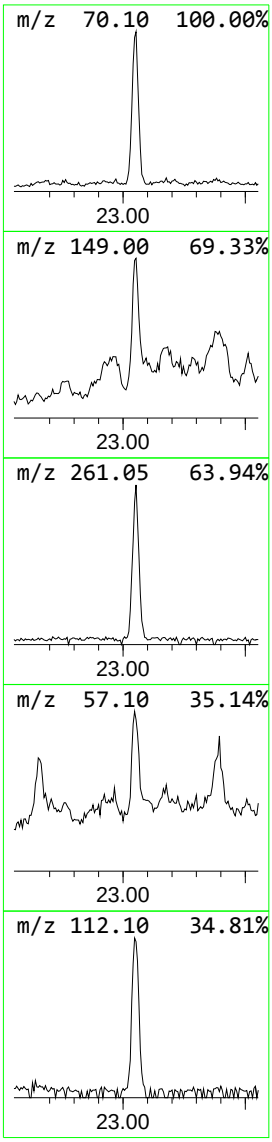
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 1,3-Benzenedicarboxylic aci... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.053	2.68 ng	152080	Chrysene-d12	21.831

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Benzenedicarboxylic acid, bi...	390	C24H38O4	000137-89-3	64
2	1,4-Benzenedicarboxylic acid, bi...	390	C24H38O4	006422-86-2	64
3	Terephthalic acid, 3-methylbut-2...	348	C21H32O4	1000356-27-6	58
4	Terephthalic acid, di(4-octyl) e...	390	C24H38O4	1000323-74-2	38
5	Terephthalic acid, phenyl octyl ...	354	C22H26O4	1000324-06-6	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082322\
Data File : BG054709.D
Acq On : 23 Aug 2022 16:08
Operator : CG/JU
Sample : N4272-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PSC-164717

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

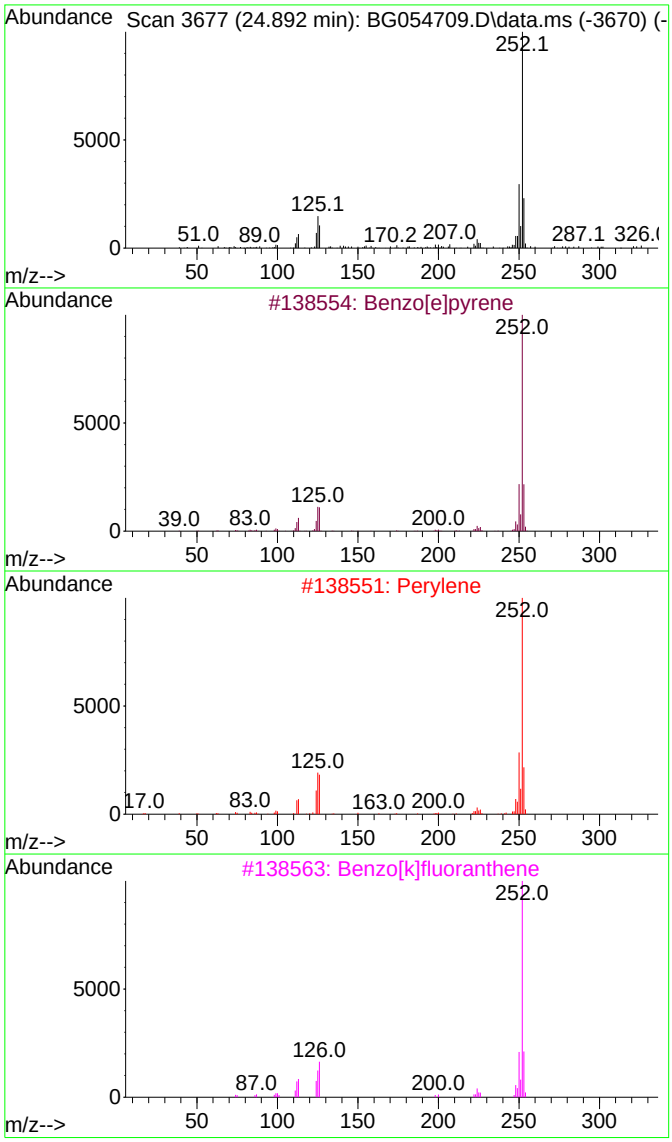
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

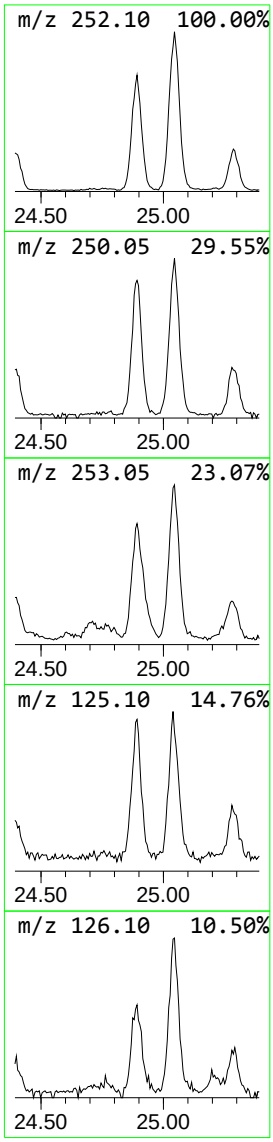
****

Peak Number 10 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.892	5.20 ng	211423	Perylene-d12	25.215

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Perylene	252	C20H12	000198-55-0	97
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	95
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082322\
Data File : BG054709.D
Acq On : 23 Aug 2022 16:08
Operator : CG/JU
Sample : N4272-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PSC-164717

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082222.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-...	5.227	7.0	ng	108696	1	8.165	309541	20.0
Phenanthrene, 2...	18.406	4.1	ng	152985	4	17.536	749409	20.0
Phenanthrene, 1...	18.459	2.8	ng	106541	4	17.536	749409	20.0
4H-Cyclopenta[d...	18.611	5.4	ng	201573	4	17.536	749409	20.0
Pyrene, 1-methyl-	20.268	2.1	ng	116700	5	21.831	1135420	20.0
11H-Benzo[b]flu...	20.433	2.2	ng	123959	5	21.831	1135420	20.0
Cyclohexadecane	21.443	2.8	ng	157915	5	21.831	1135420	20.0
1,3-Benzenedica...	23.053	2.7	ng	152080	5	21.831	1135420	20.0
Benzo[e]pyrene	24.892	5.2	ng	211423	6	25.215	813110	20.0