LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012423\
Data File : BG056414.D
Acq On : 24 Jan 2023 22:35
Operator : CG/JU
Sample : 01232-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-P-19B

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-BG122722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG056414.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.333	341	348	356	rVB	113706	177510	7.35%	0.823%
2	5.815	423	430	445	rBB	479110	776587	32.15%	3.600%
3	7.436	699	706	720	rBV	490061	849067	35.15%	3.936%
4	8.294	844	852	860	rBB	119745	204643	8.47%	0.949%
5	9.469	1042	1052	1061	rBB	284693	519660	21.51%	2.409%
6	11.120	1325	1333	1340	rBV	168788	311216	12.88%	1.443%
7	13.535	1736	1744	1752	rBV	1045218	1641438	67.95%	7.609%
8	14.904	1967	1977	1984	rBV	327761	522884	21.65%	2.424%
9	14.969	1984	1988	1994	rVB	25663	41656	1.72%	0.193%
10	15.298	2034	2044	2051	rVV2	28761	53303	2.21%	0.247%
11	15.944	2147	2154	2160	rBV2	41738	71324	2.95%	0.331%
12	16.244	2200	2205	2211	rVB2	75243	124584	5.16%	0.577%
13	16.385	2223	2229	2236	rBV	822990	1269425	52.55%	5.884%
14	16.602	2255	2266	2272	rBV10	12693	36370	1.51%	0.169%
15	16.943	2311	2324	2329	rBV3	21887	54235	2.25%	0.251%
16	17.160	2354	2361	2366	rBV6	14669	39463	1.63%	0.183%
17	17.201	2366	2368	2377	rVV2	16311	34766	1.44%	0.161%
18	17.295	2379	2384	2390	rVV2	27221	44447	1.84%	0.206%
19	17.360	2390	2395	2408	rVV7	16396	51962	2.15%	0.241%
20	17.466	2408	2413	2418	rVB	32720	53683	2.22%	0.249%
21	17.642	2437	2443	2447	rBV	411901	665847	27.56%	3.086%
22	17.689	2447	2451	2458	rVB	554066	827526	34.26%	3.836%
23	17.777	2458	2466	2470	rBV	100602	162123	6.71%	0.751%
24	18.042	2504	2511	2516	rBV	38976	81327	3.37%	0.377%
25	18.153	2526	2530	2533	rBV2	20053	26521	1.10%	0.123%
26	18.224	2537	2542	2548	rVB	33841	53960	2.23%	0.250%
27	18.365	2561	2566	2573	rVB	19313	41376	1.71%	0.192%
28	18.512	2582	2591	2595	rVV2	159094	323350	13.39%	1.499%
29	18.559	2595	2599	2605	rVB	196051	275101	11.39%	1.275%
30	18.641	2605	2613	2617	rBV	55825	89419	3.70%	0.414%
31	18.706	2617	2624	2628	rVV2	148030	337864	13.99%	1.566%
32	18.741	2628	2630	2638	rVB	110420	130388	5.40%	0.604%
33	18.899	2653	2657	2661	rVB4	25088	37558	1.55%	0.174%
34	18.999	2669	2674	2678	rBV	89257	141637	5.86%	0.657%
35	19.046	2678	2682	2690	rVB2	50337	92850	3.84%	0.430%
36	19.123	2691	2695	2700	rBV3	23657	36078	1.49%	0.167%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012423\
Data File : BG056414.D
Acq On : 24 Jan 2023 22:35
Operator : CG/JU
Sample : 01232-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B-P-19B

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-BG122722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	19.240	2708	2715	2719	rBV3	50205	89159	3.69%	0.413%
38	19.293	2720	2724	2727	rVB	38723	46382	1.92%	0.215%
39	19.328	2727	2730	2737	rVB	33171	46318	1.92%	0.215%
40	19.411	2737	2744	2749	rBV	124050	244457	10.12%	1.133%
41	19.469	2749	2754	2758	rBV4	27057	56056	2.32%	0.260%
42	19.558	2763	2769	2777	rBV5	65626	157187	6.51%	0.729%
43	19.675	2783	2789	2795	rBV	749261	1088608	45.06%	5.046%
44	19.728	2795	2798	2802	rVV2	30497	51338	2.13%	0.238%
45	19.769	2802	2805	2809	rVB4	39841	57306	2.37%	0.266%
46	19.875	2818	2823	2827	rBV2	50632	73622	3.05%	0.341%
47	20.004	2840	2845	2847	rBV2	123436	200749	8.31%	0.931%
48	20.039	2847	2851	2857	rVV	759533	1056516	43.74%	4.897%
49	20.098	2857	2861	2867	rVV2	64664	95558	3.96%	0.443%
50	20.216	2873	2881	2886	rBV	1848915	2415651	100.00%	11.197%
51	20.268	2886	2890	2896	rVB2	35006	67933	2.81%	0.315%
52	20.351	2897	2904	2912	rBV4	86250	223451	9.25%	1.036%
53	20.492	2921	2928	2929	rBV4	65020	107636	4.46%	0.499%
54	20.621	2946	2950	2953	rBV	35512	51259	2.12%	0.238%
55	20.680	2954	2960	2964	rVV2	103378	155546	6.44%	0.721%
56	20.821	2980	2984	2988	rBV	77352	111568	4.62%	0.517%
57	20.862	2988	2991	2999	rVB	70782	120957	5.01%	0.561%
58	21.079	3024	3028	3031	rBV5	15653	31229	1.29%	0.145%
59	21.297	3061	3065	3072	rVB	112480	171099	7.08%	0.793%
60	21.508	3090	3101	3103	rBV4	96552	283766	11.75%	1.315%
61	21.590	3111	3115	3119	rVV2	49881	69487	2.88%	0.322%
62	21.643	3120	3124	3134	rVB2	89381	165319	6.84%	0.766%
63	21.931	3164	3173	3178	rBV2	494157	1346641	55.75%	6.242%
64	21.984	3178	3182	3190	rVB	279855	483900	20.03%	2.243%
65	22.360	3243	3246	3251	rVB4	29743	49887	2.07%	0.231%
66	22.701	3301	3304	3309	rVB2	58866	95410	3.95%	0.442%
67	24.264	3562	3570	3589	rVB3	166991	804053	33.29%	3.727%
68	24.540	3613	3617	3624	rVB3	27519	61601	2.55%	0.286%
69	25.039	3697	3702	3711	rVB2	93493	254457	10.53%	1.179%
70	25.198	3720	3729	3740	rVB	140463	408676	16.92%	1.894%
71	25.363	3748	3757	3765	rBV2	224639	629769	26.07%	2.919%

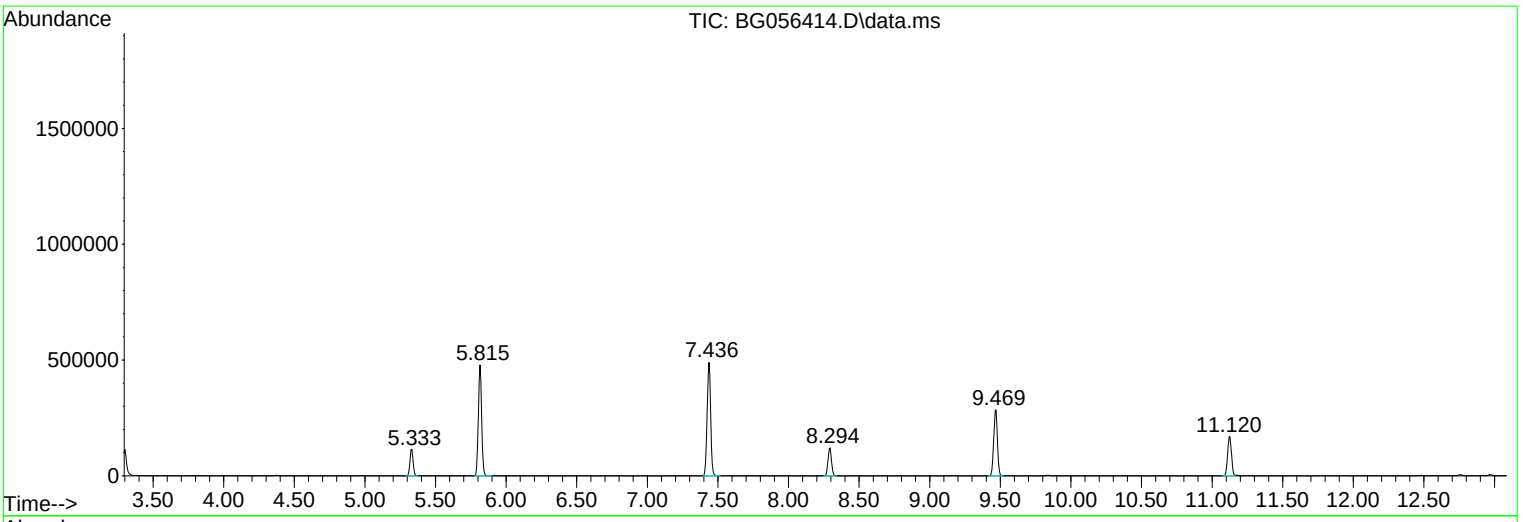
Sum of corrected areas: 21573699

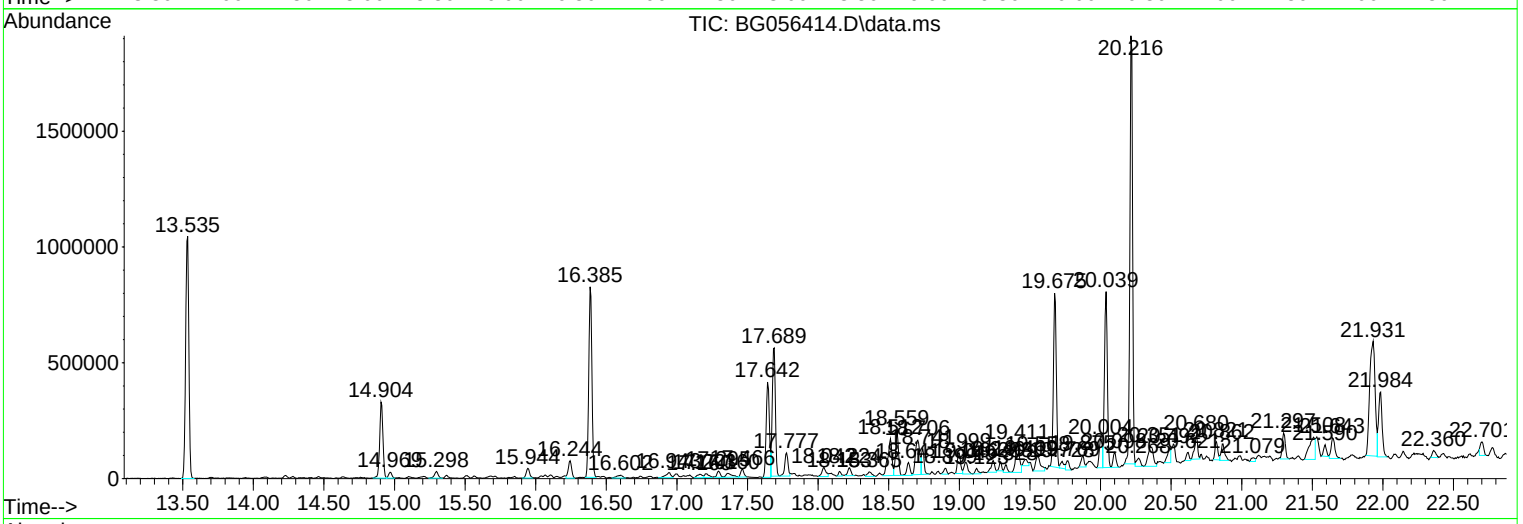
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012423\
Data File : BG056414.D
Acq On : 24 Jan 2023 22:35
Operator : CG/JU
Sample : 01232-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

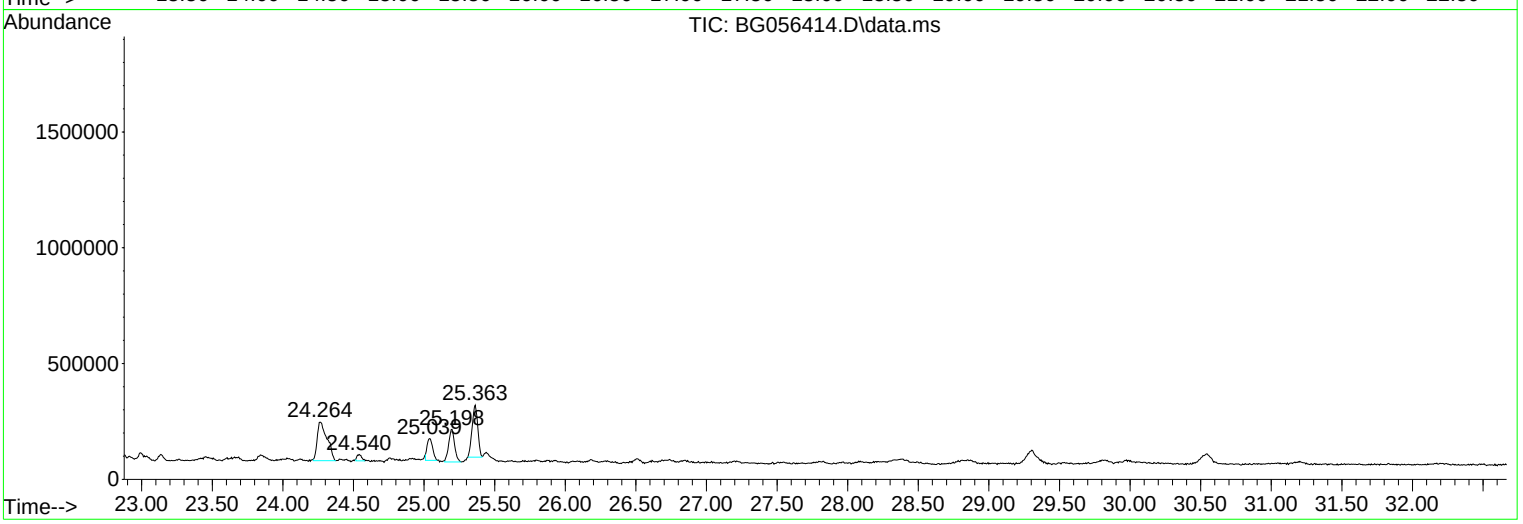
Instrument :
BNA_G
ClientSampleId :
B-P-19B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.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\BG012423\
Data File : BG056414.D
Acq On : 24 Jan 2023 22:35
Operator : CG/JU
Sample : 01232-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-P-19B

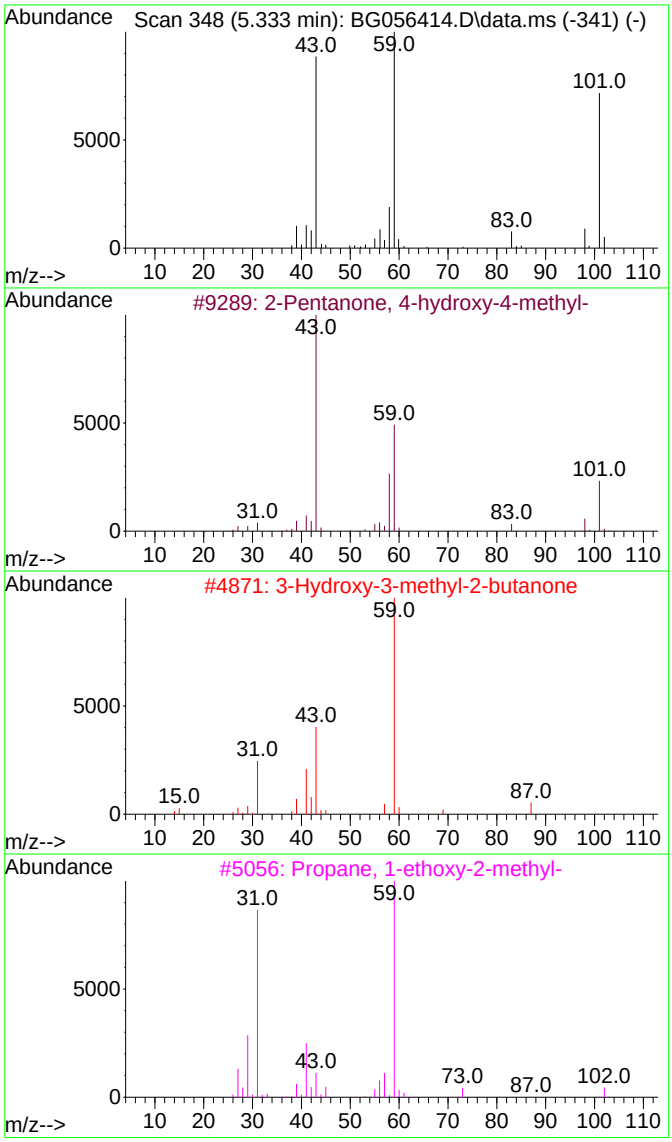
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

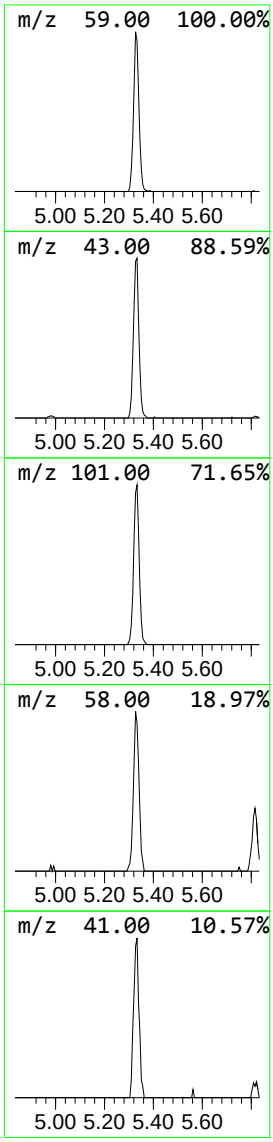
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.333	17.35 ng	177510	1,4-Dichlorobenzene-d4	8.288

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	32
3	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	32
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	23
5	Guanidine	59	CH5N3	000113-00-8	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012423\
Data File : BG056414.D
Acq On : 24 Jan 2023 22:35
Operator : CG/JU
Sample : 01232-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-P-19B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

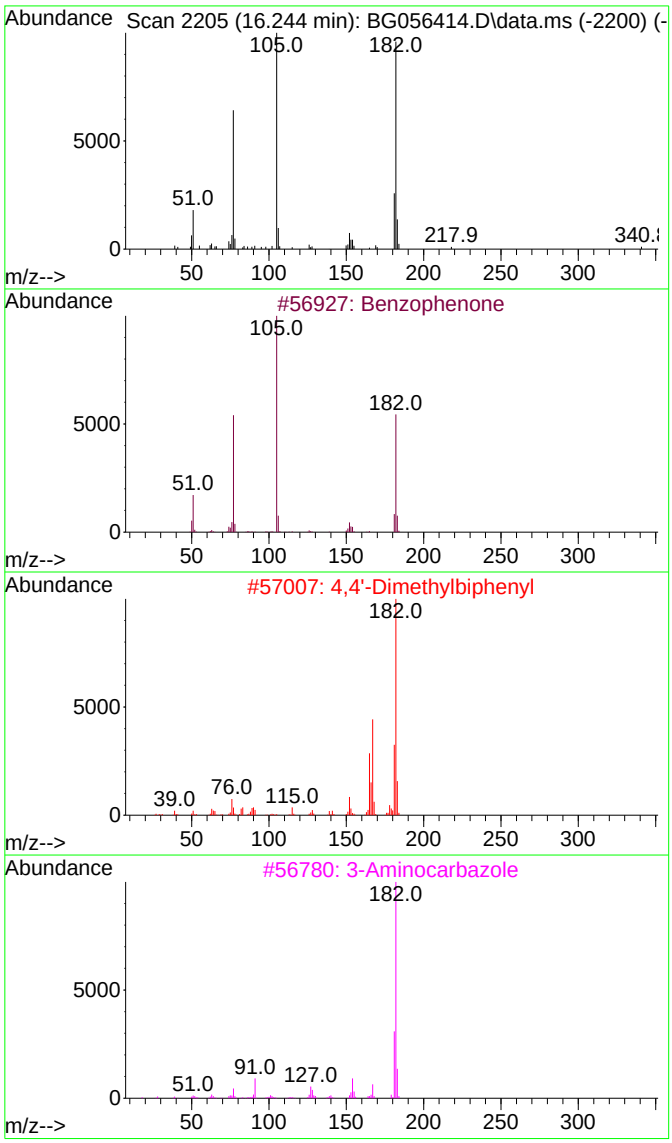
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

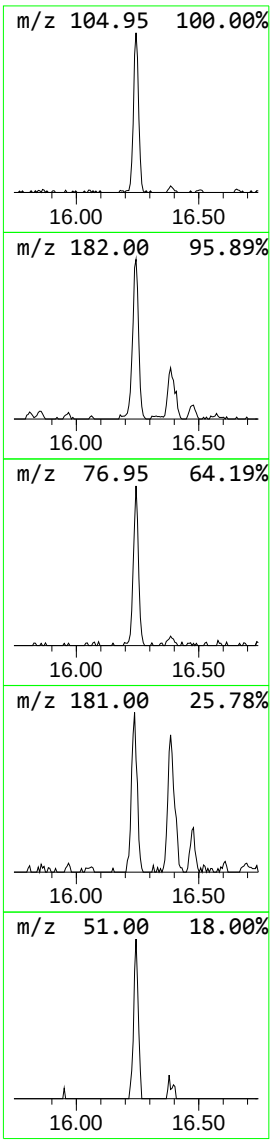
****

Peak Number 3 Benzophenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.244	4.77 ng	124584	Acenaphthene-d10	14.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	93
2	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	43
3	3-Aminocarbazole	182	C12H10N2	006377-12-4	43
4	Phenyl 4-pyridyl ketone	183	C12H9NO	014548-46-0	30
5	Methyl benzilate	242	C15H14O3	000076-89-1	27





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012423\
Data File : BG056414.D
Acq On : 24 Jan 2023 22:35
Operator : CG/JU
Sample : 01232-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-P-19B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

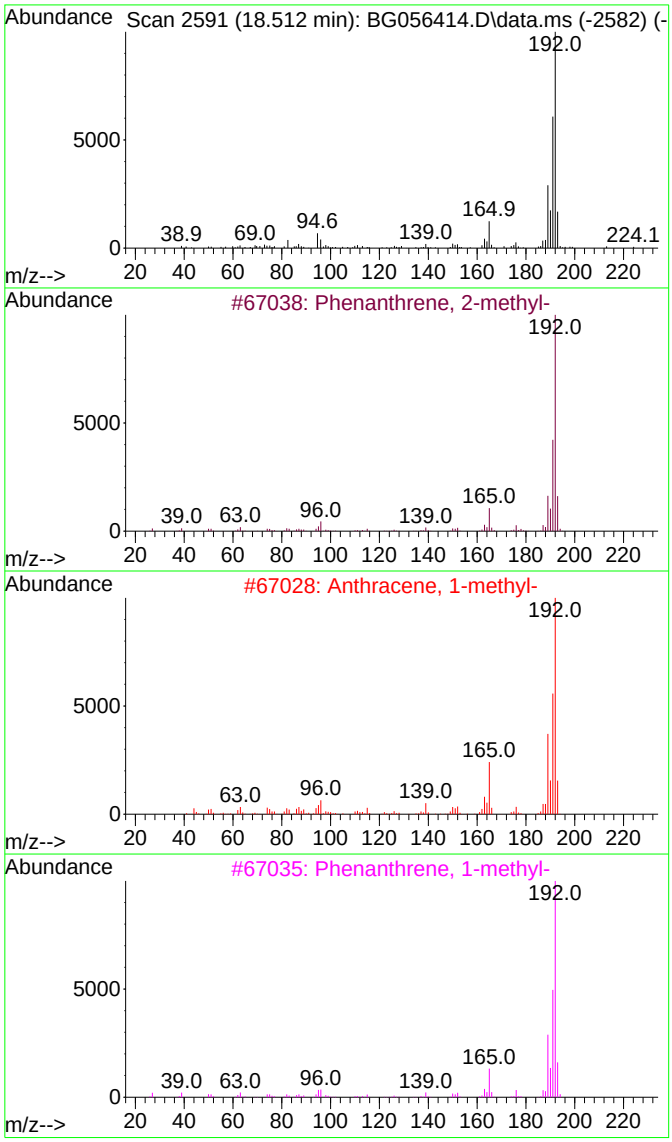
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

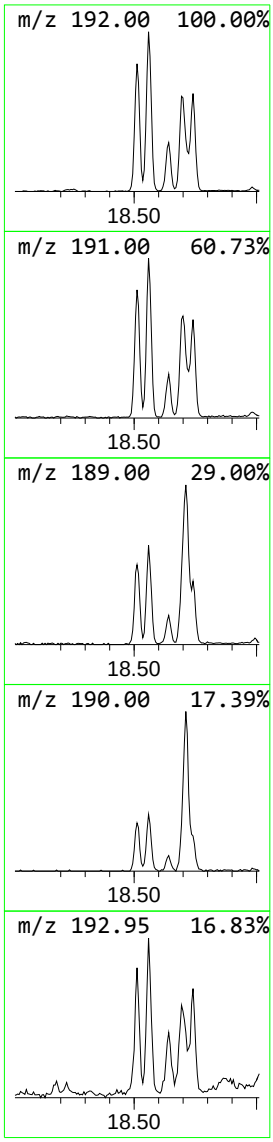
****

Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.512	9.71 ng	323350	Phenanthrene-d10	17.642

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012423\
Data File : BG056414.D
Acq On : 24 Jan 2023 22:35
Operator : CG/JU
Sample : 01232-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-P-19B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

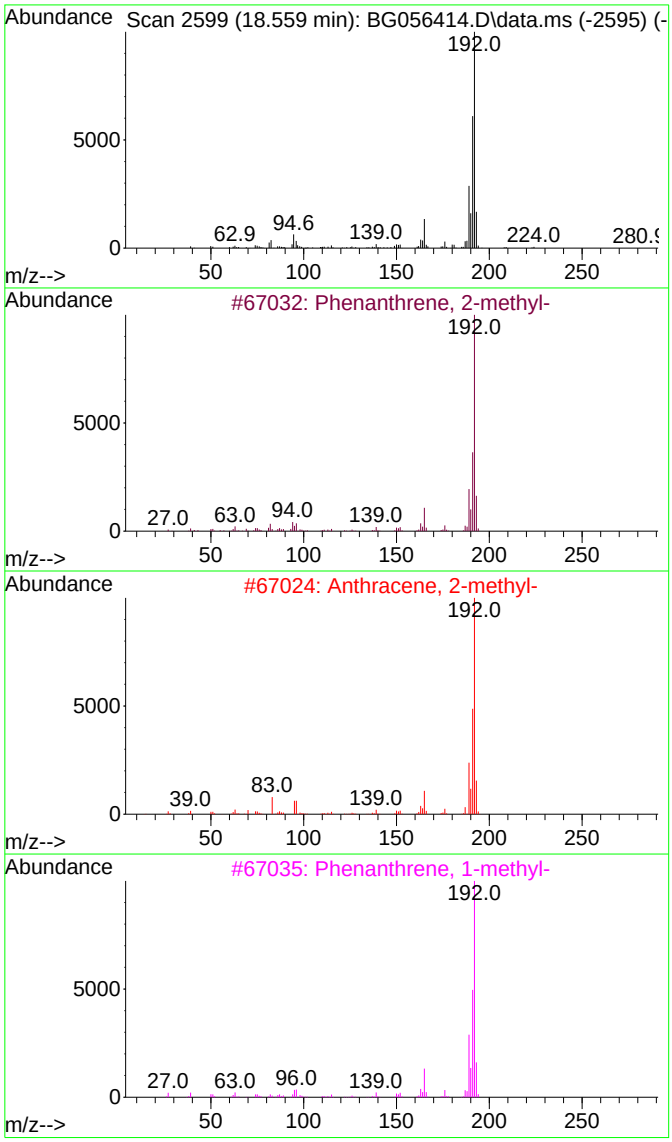
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

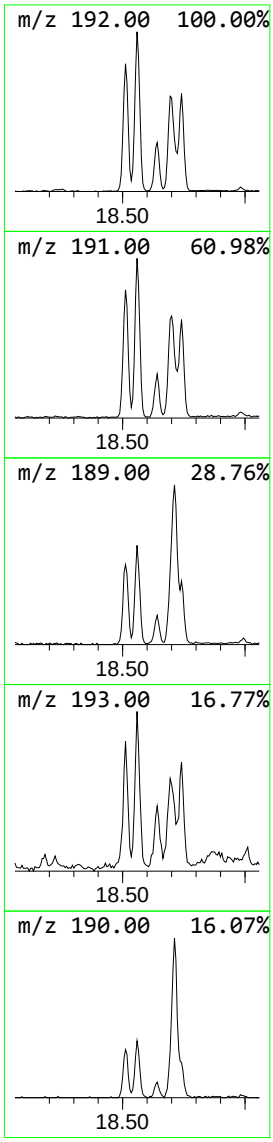
****

Peak Number 6 Anthracene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.559	8.26 ng	275101	Phenanthrene-d10	17.642

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	89





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012423\
Data File : BG056414.D
Acq On : 24 Jan 2023 22:35
Operator : CG/JU
Sample : 01232-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-P-19B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

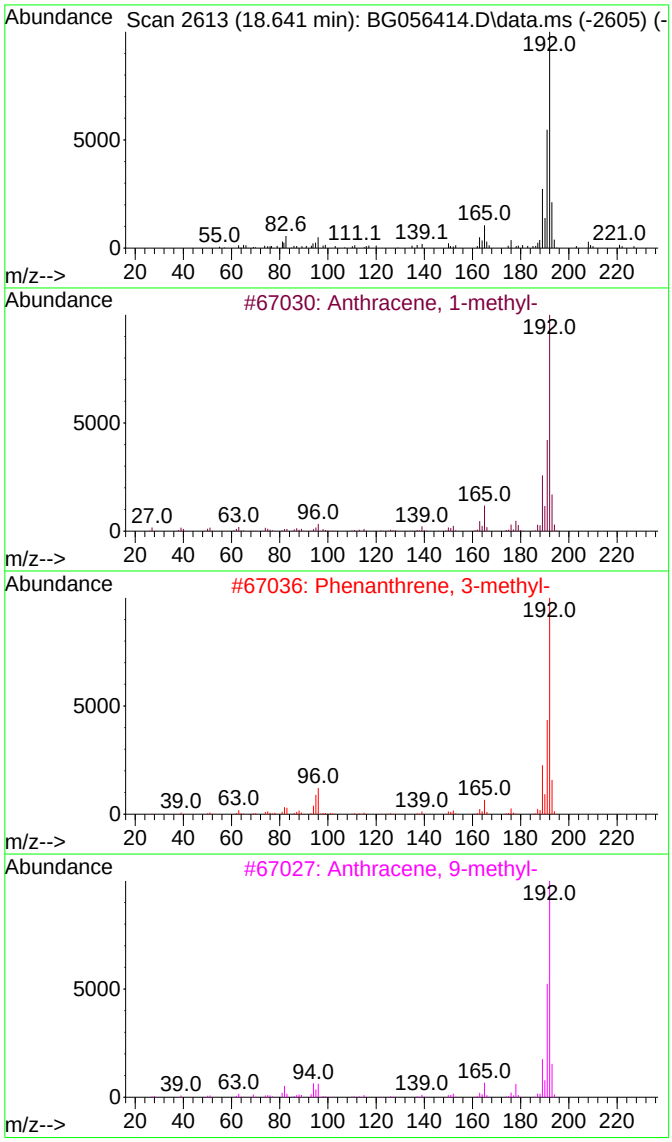
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

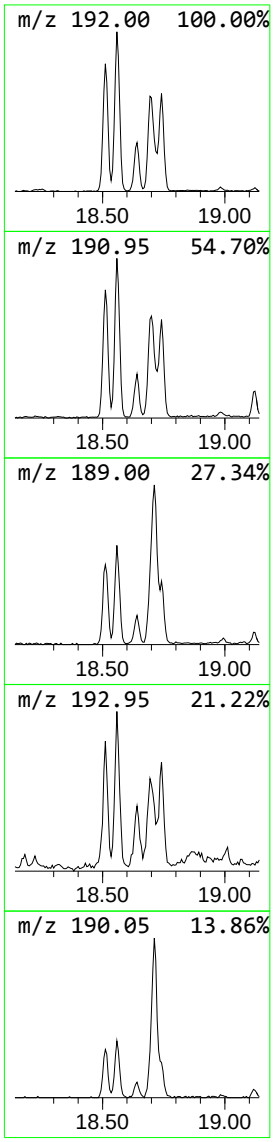
****

Peak Number 7 Anthracene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.641	2.69 ng	89419	Phenanthrene-d10	17.642

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
2	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	93
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012423\
Data File : BG056414.D
Acq On : 24 Jan 2023 22:35
Operator : CG/JU
Sample : 01232-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-P-19B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

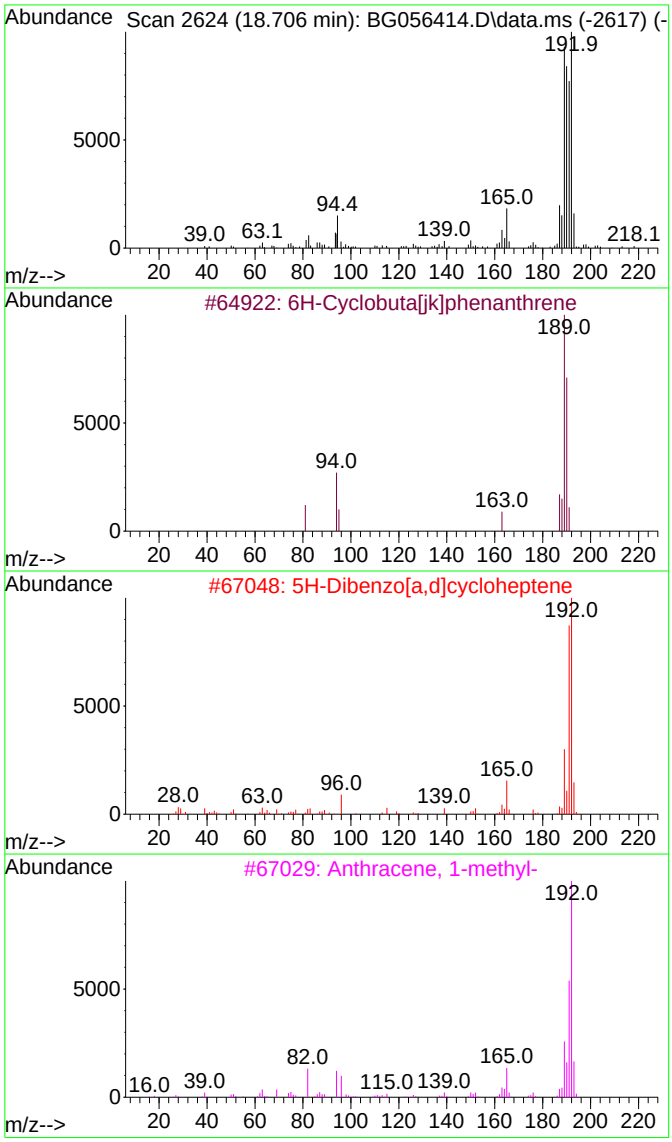
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

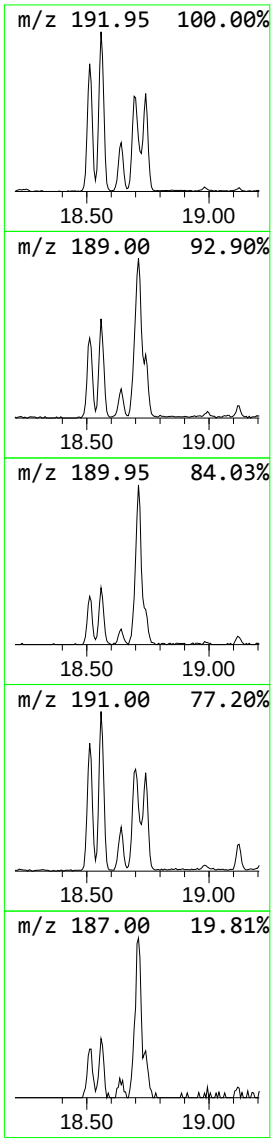
****

Peak Number 8 unknown18.706 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.706	10.15 ng	337864	Phenanthrene-d10	17.642

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	46
2	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	45
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	45
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	43
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012423\
Data File : BG056414.D
Acq On : 24 Jan 2023 22:35
Operator : CG/JU
Sample : 01232-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-P-19B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

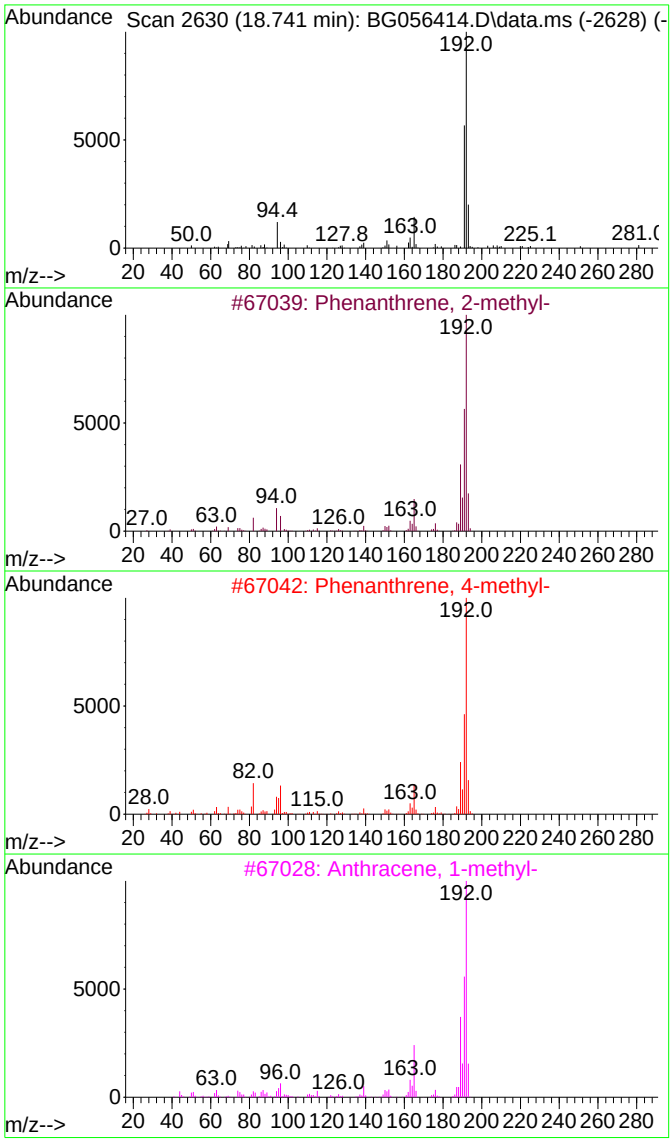
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

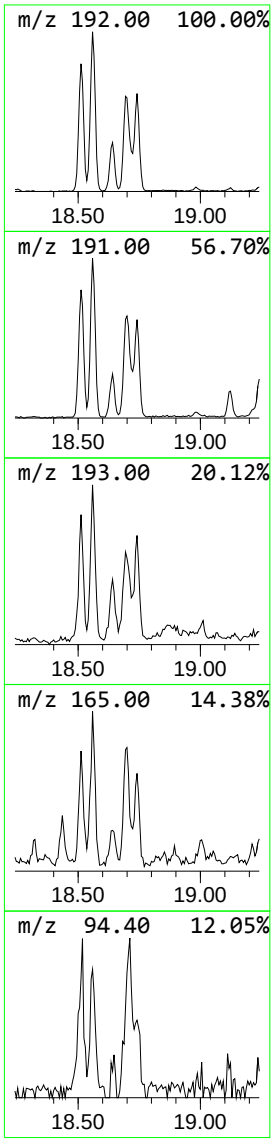
****

Peak Number 9 Phenanthrene, 4-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.741	3.92 ng	130388	Phenanthrene-d10	17.642

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	87
4	Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	86
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012423\
Data File : BG056414.D
Acq On : 24 Jan 2023 22:35
Operator : CG/JU
Sample : 01232-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-P-19B

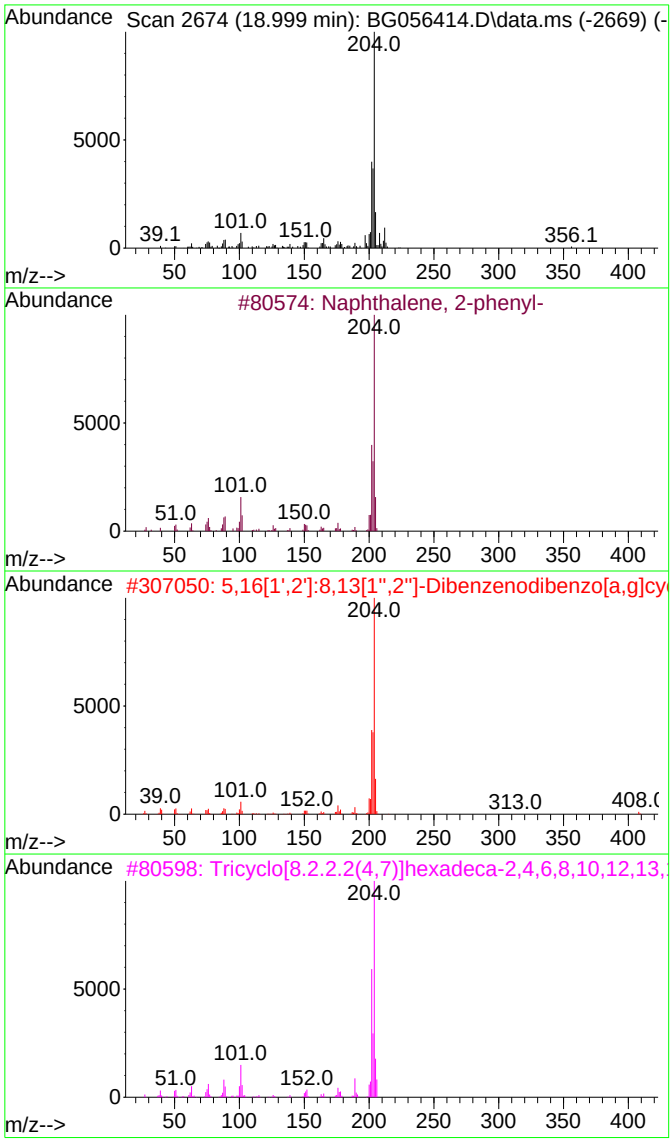
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

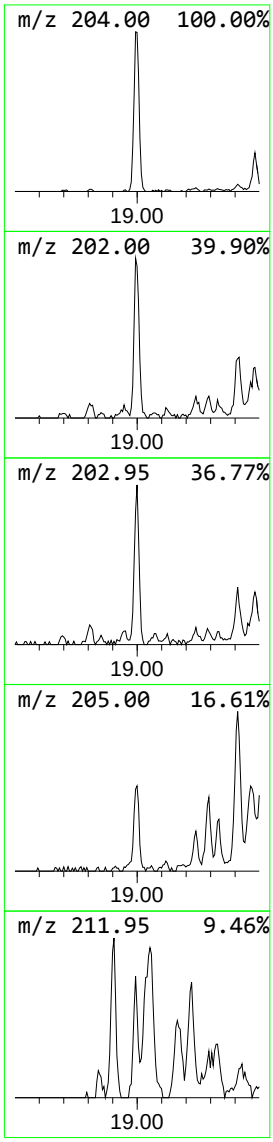
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Naphthalene, 2-phenyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.999	4.25 ng	141637	Phenanthrene-d10	17.642

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	91
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	90
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	64
4	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	50
5	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012423\
Data File : BG056414.D
Acq On : 24 Jan 2023 22:35
Operator : CG/JU
Sample : 01232-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-P-19B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

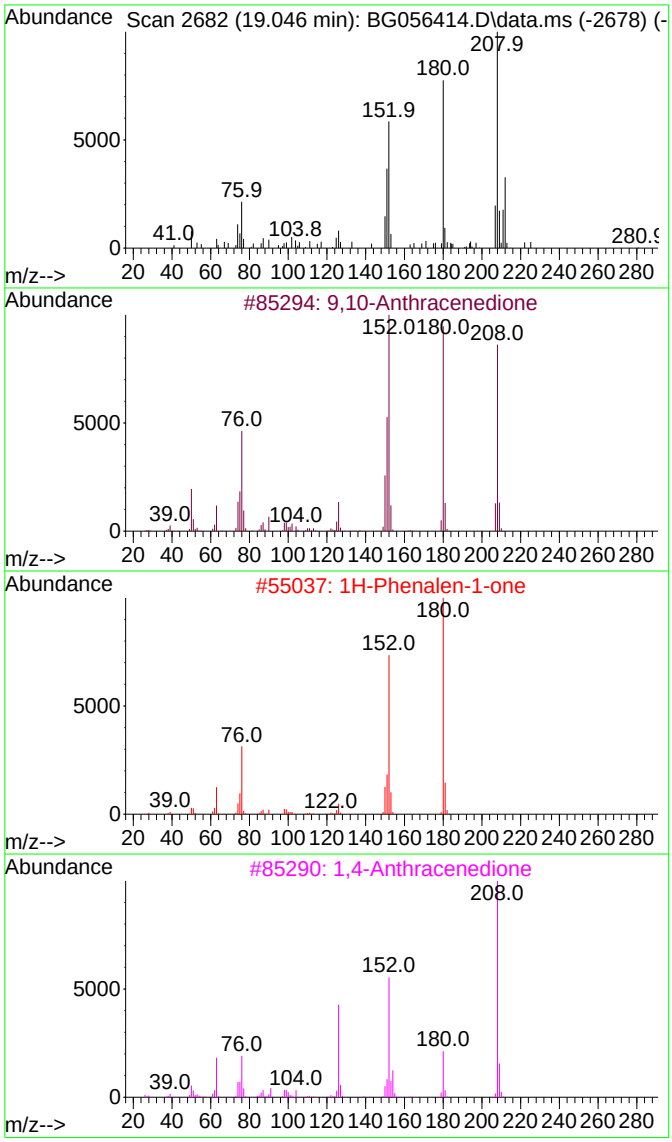
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

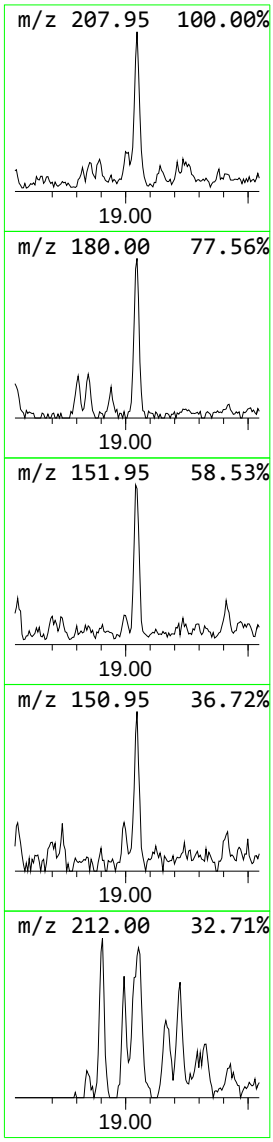
****

Peak Number 11 9,10-Anthracenedione Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.046	2.79 ng	92850	Phenanthrene-d10	17.642

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	91
2	1H-Phenalen-1-one	180	C13H8O	000548-39-0	50
3	1,4-Anthracenedione	208	C14H8O2	000635-12-1	49
4	5,6,7,8-Tetrahydro-1-phenylnapht...	208	C16H16	067064-63-5	47
5	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012423\
Data File : BG056414.D
Acq On : 24 Jan 2023 22:35
Operator : CG/JU
Sample : 01232-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-P-19B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

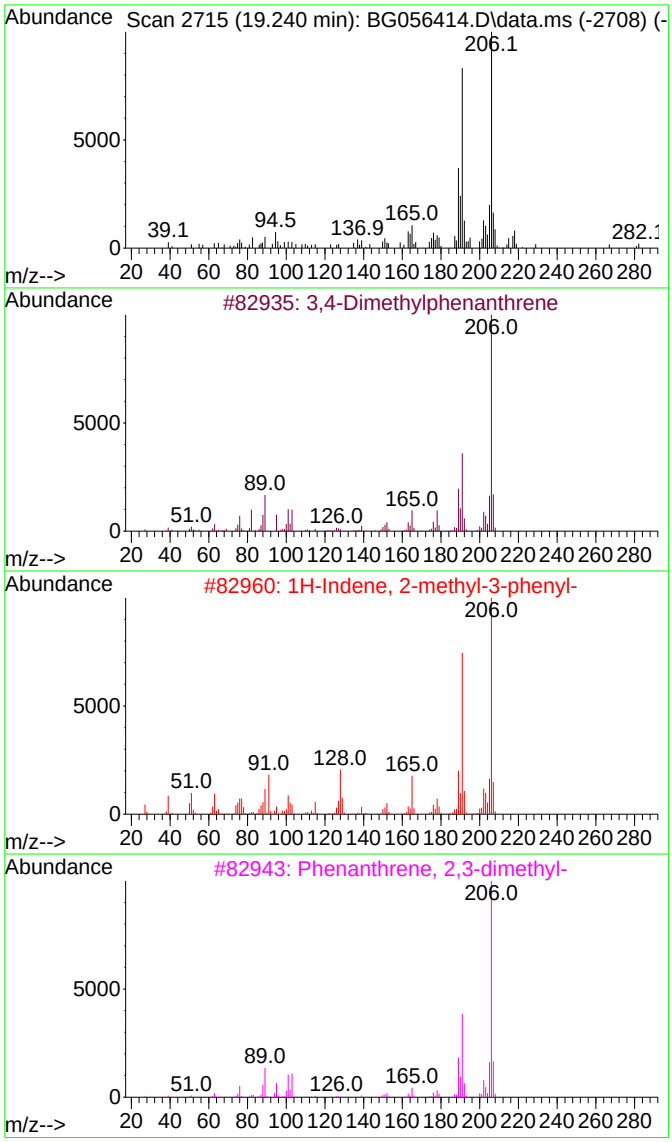
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

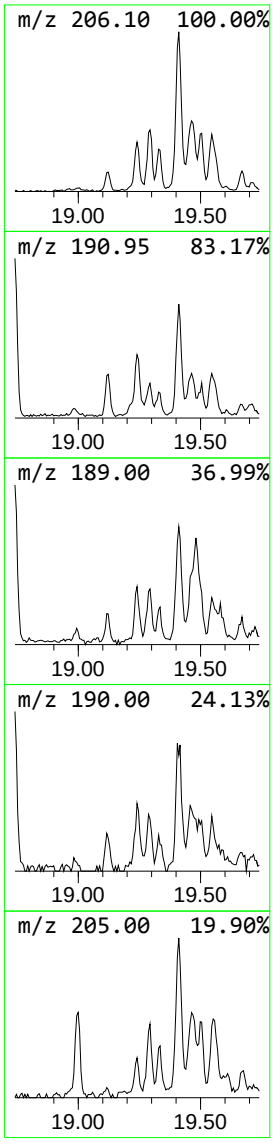
****

Peak Number 12 3,4-Dimethylphenanthrene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.240	2.68 ng	89159	Phenanthrene-d10	17.642

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	94
2	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	93
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91
4	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	91
5	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012423\
Data File : BG056414.D
Acq On : 24 Jan 2023 22:35
Operator : CG/JU
Sample : 01232-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-P-19B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

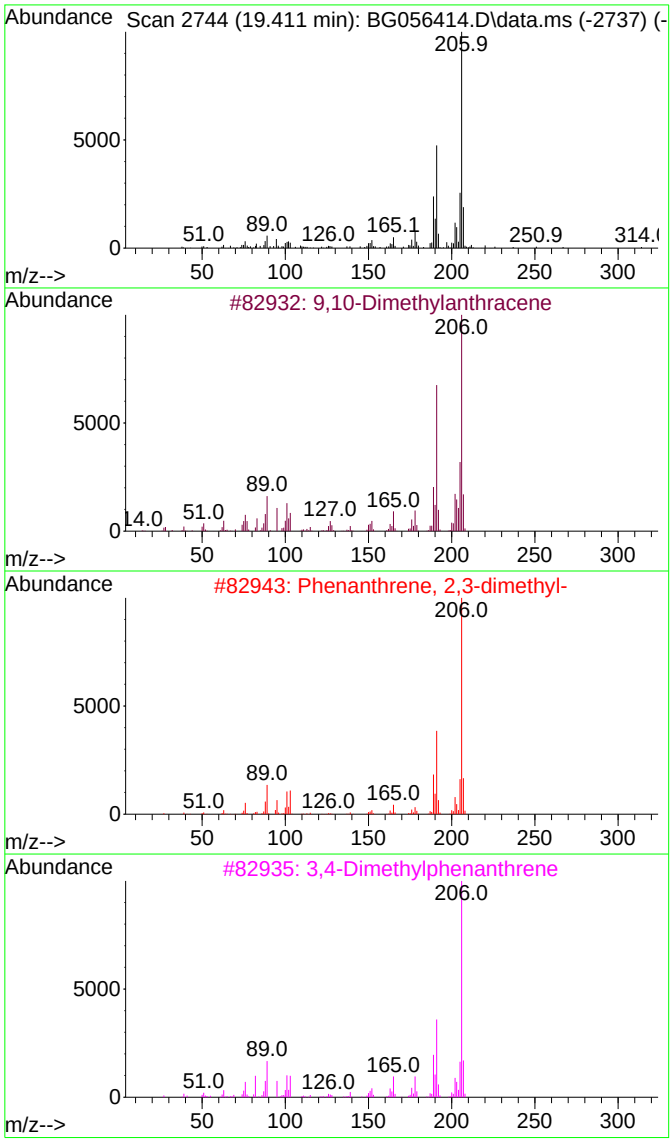
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

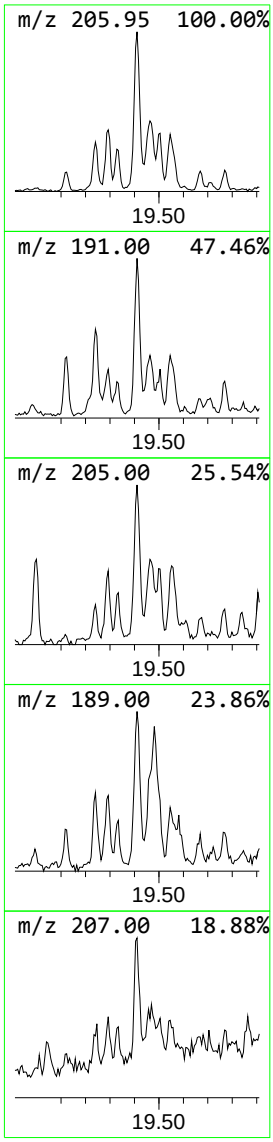
****

Peak Number 13 9,10-Dimethylanthracene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.411	7.34 ng	244457	Phenanthrene-d10	17.642

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
3	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	87
4	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	87
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012423\
Data File : BG056414.D
Acq On : 24 Jan 2023 22:35
Operator : CG/JU
Sample : 01232-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-P-19B

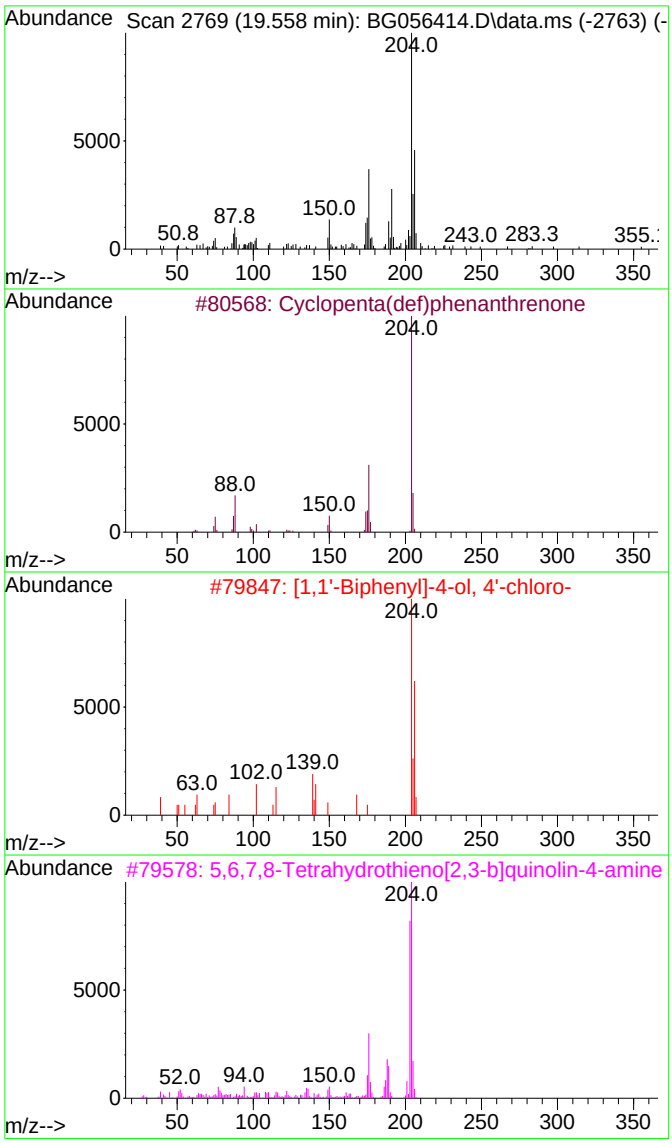
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

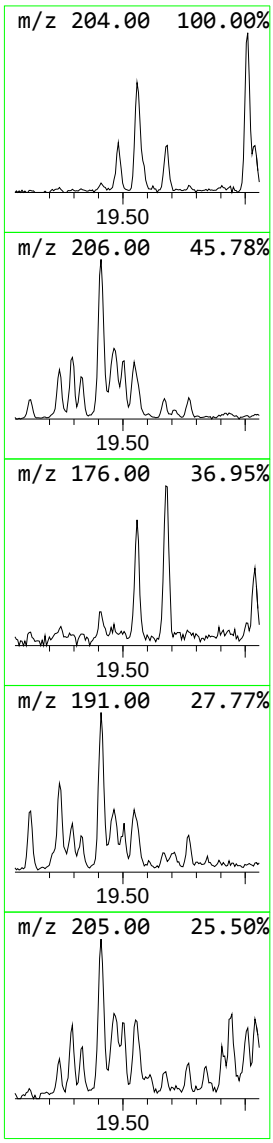
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Cyclopenta(def)phenanthrenone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.558	4.72 ng	157187	Phenanthrene-d10	17.642

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	60
2	[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	52
3	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	47
4	2-Chloro-4-phenylphenol	204	C12H9ClO	000092-04-6	46
5	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012423\
Data File : BG056414.D
Acq On : 24 Jan 2023 22:35
Operator : CG/JU
Sample : 01232-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-P-19B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

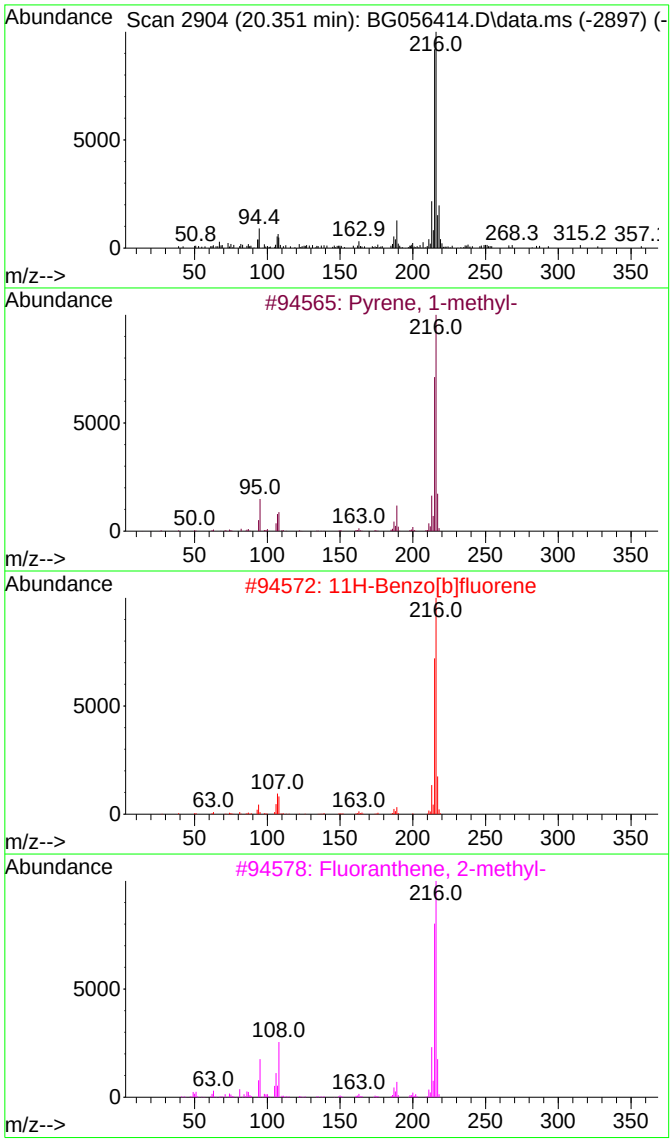
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

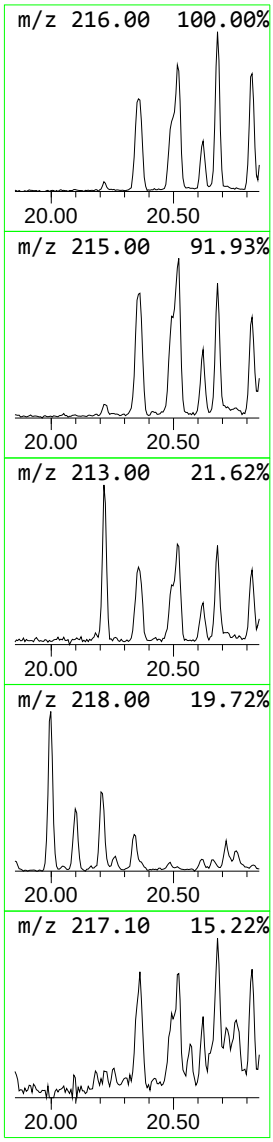
****

Peak Number 15 Pyrene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.351	3.32 ng	223451	Chrysene-d12	21.931

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012423\
Data File : BG056414.D
Acq On : 24 Jan 2023 22:35
Operator : CG/JU
Sample : 01232-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-P-19B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

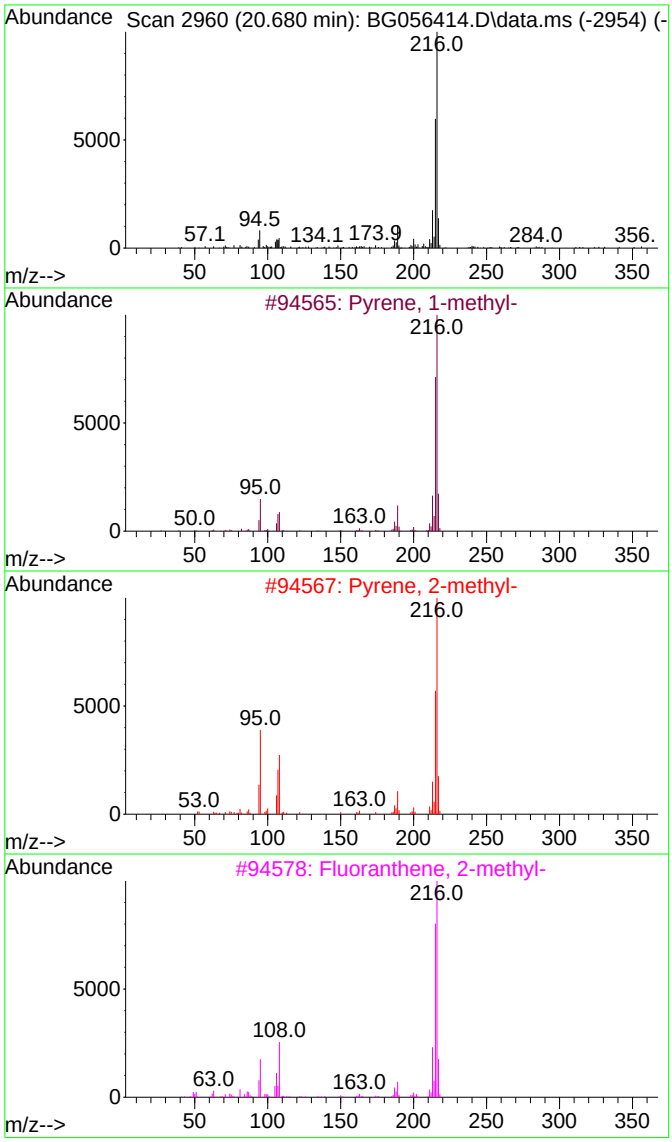
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

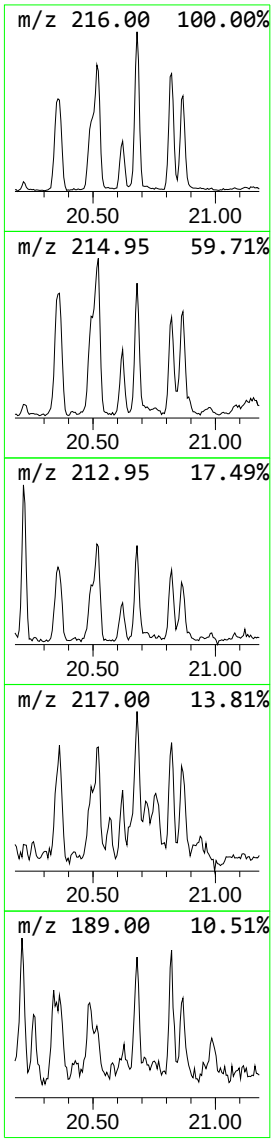
****

Peak Number 16 Pyrene, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.680	2.31 ng	155546	Chrysene-d12	21.931

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	94
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	83
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012423\
Data File : BG056414.D
Acq On : 24 Jan 2023 22:35
Operator : CG/JU
Sample : 01232-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-P-19B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

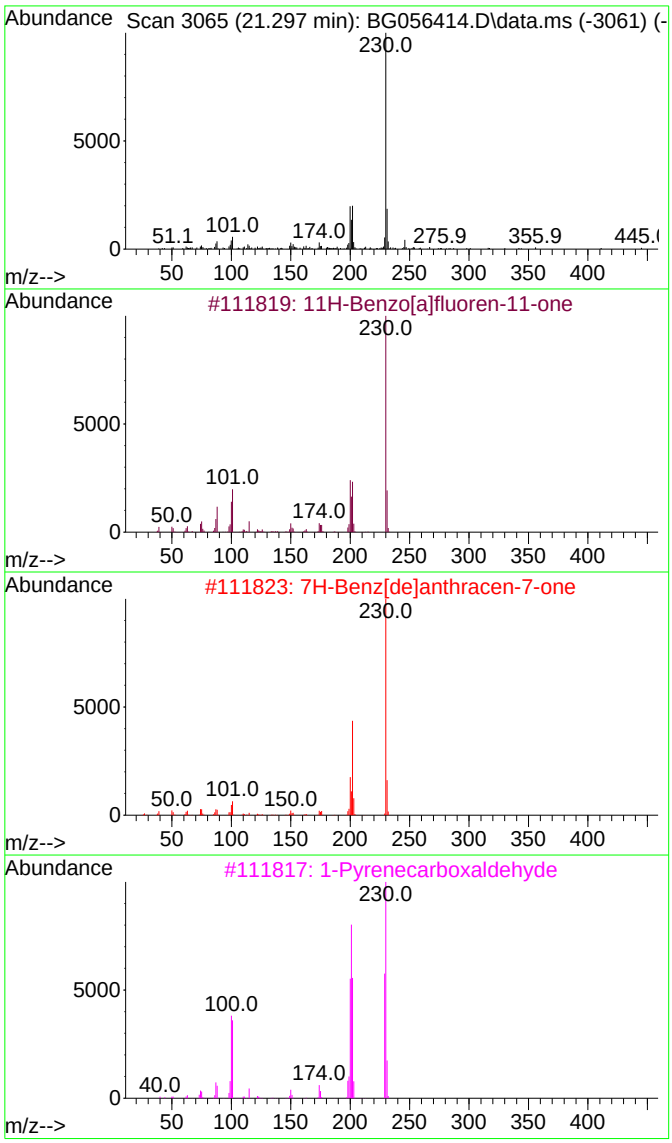
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

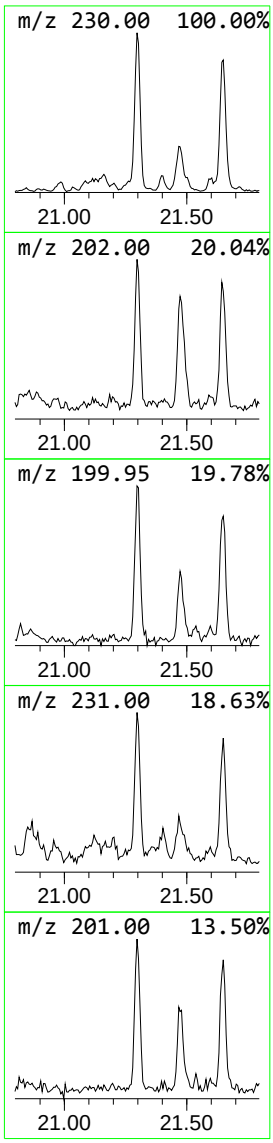
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.297	2.54 ng	171099	Chrysene-d12	21.931

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	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	72
4	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	68
5	4-Pyrenecarbaldehyde	230	C17H10O	022245-51-8	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012423\
Data File : BG056414.D
Acq On : 24 Jan 2023 22:35
Operator : CG/JU
Sample : 01232-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-P-19B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

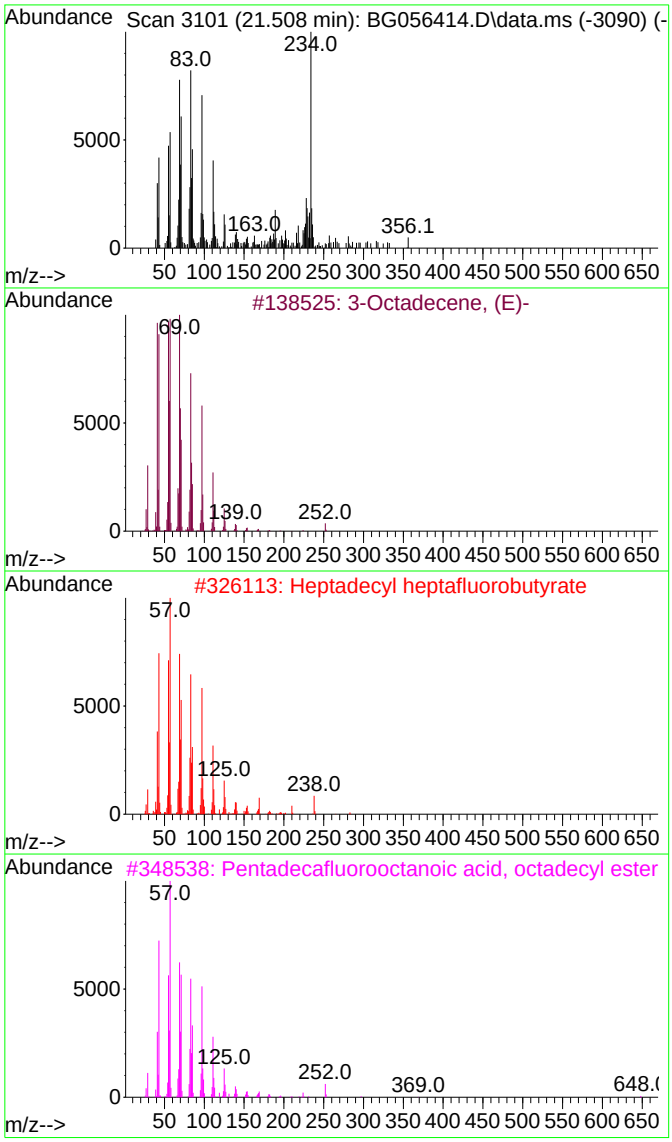
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

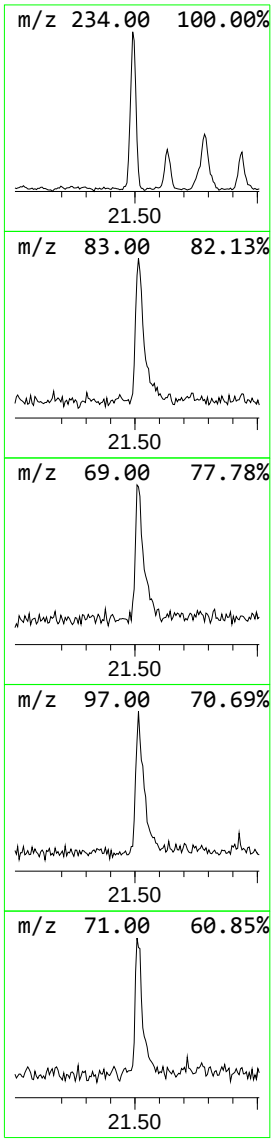
****

Peak Number 18 3-Octadecene, (E)- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.508	4.21 ng	283766	Chrysene-d12	21.931

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Octadecene, (E)-	252	C18H36	007206-19-1	78
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	70
3	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	70
4	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	62
5	11-Methyldodecanol	200	C13H28O	085763-57-1	52





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012423\
Data File : BG056414.D
Acq On : 24 Jan 2023 22:35
Operator : CG/JU
Sample : 01232-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-P-19B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

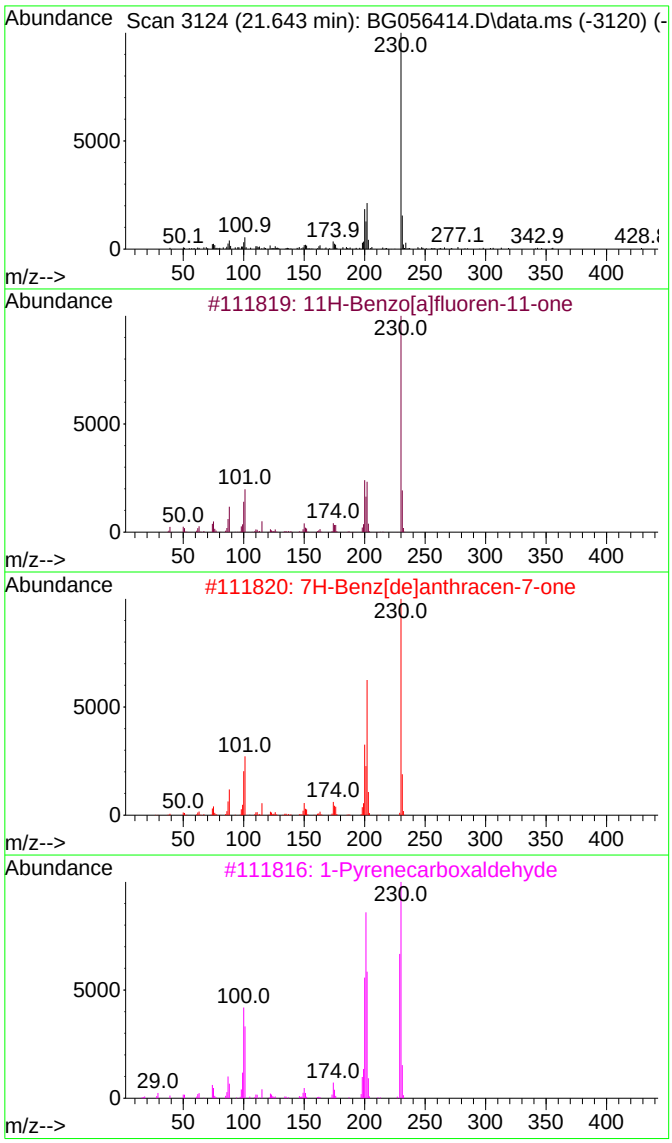
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

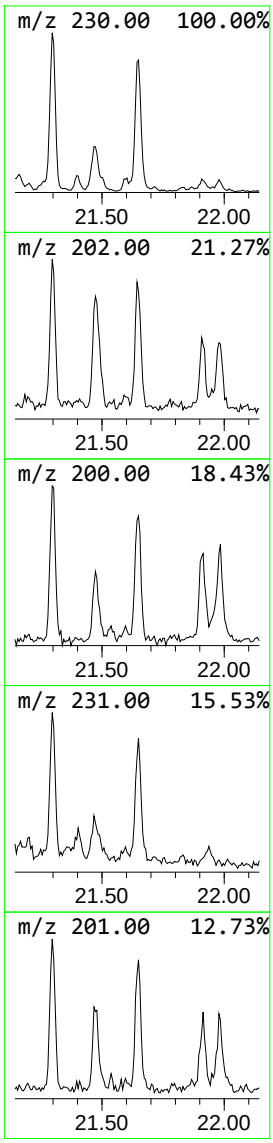
****

Peak Number 19 7H-Benz[de]anthracen-7-one Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.643	2.46 ng	165319	Chrysene-d12	21.931

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	95
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	91
3	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	78
4	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	72
5	Visnagin	230	C13H10O4	000082-57-5	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012423\
Data File : BG056414.D
Acq On : 24 Jan 2023 22:35
Operator : CG/JU
Sample : 01232-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-P-19B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

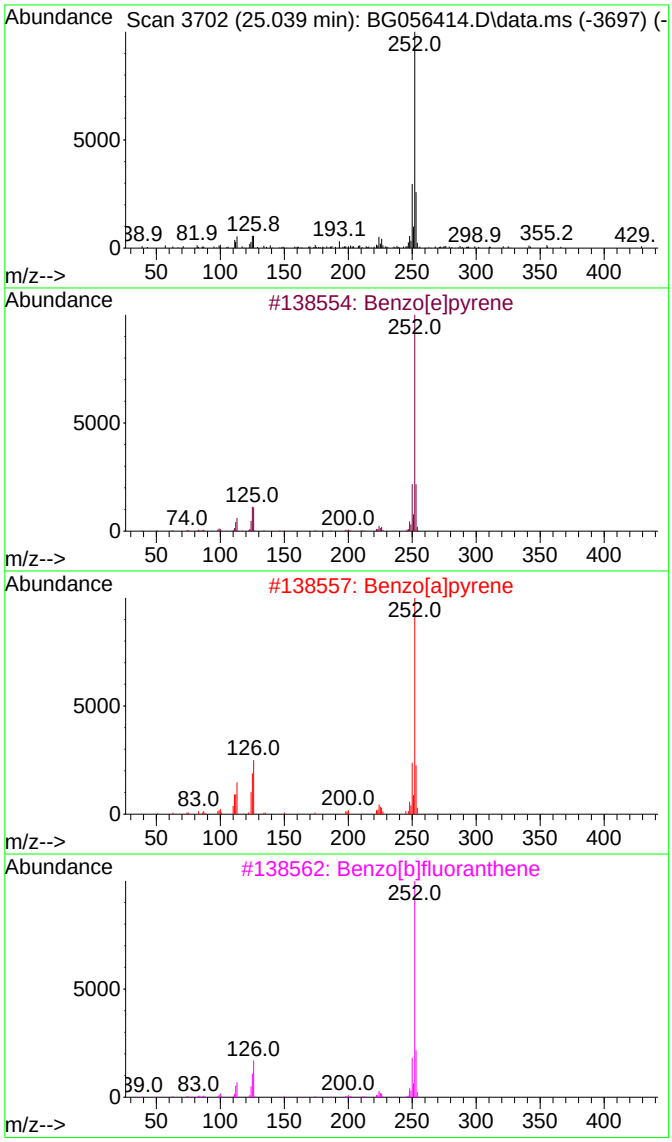
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

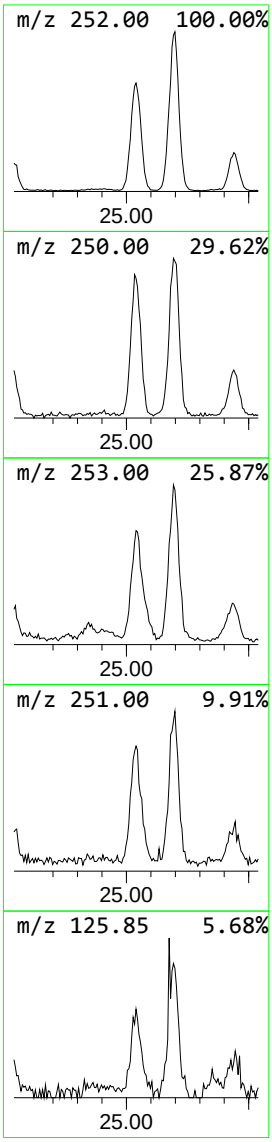
****

Peak Number 20 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.039	8.08 ng	254457	Perylene-d12	25.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	89
2	Benzo[a]pyrene	252	C20H12	000050-32-8	89
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	81
4	Perylene	252	C20H12	000198-55-0	76
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	76





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012423\
Data File : BG056414.D
Acq On : 24 Jan 2023 22:35
Operator : CG/JU
Sample : 01232-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-P-19B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.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-...	5.333	17.4	ng	177510	1	8.288	204643	20.0
Benzophenone	16.244	4.8	ng	124584	3	14.904	522884	20.0
Phenanthrene, 2...	18.512	9.7	ng	323350	4	17.642	665847	20.0
Anthracene, 2-m...	18.559	8.3	ng	275101	4	17.642	665847	20.0
Anthracene, 1-m...	18.641	2.7	ng	89419	4	17.642	665847	20.0
unknown18.706	18.706	10.2	ng	337864	4	17.642	665847	20.0
Phenanthrene, 4...	18.741	3.9	ng	130388	4	17.642	665847	20.0
Naphthalene, 2-...	18.999	4.3	ng	141637	4	17.642	665847	20.0
9,10-Anthracene...	19.046	2.8	ng	92850	4	17.642	665847	20.0
3,4-Dimethylphe...	19.240	2.7	ng	89159	4	17.642	665847	20.0
9,10-Dimethylan...	19.411	7.3	ng	244457	4	17.642	665847	20.0
Cyclopenta(def)...	19.558	4.7	ng	157187	4	17.642	665847	20.0
Pyrene, 1-methyl-	20.351	3.3	ng	223451	5	21.931	1346640	20.0
Pyrene, 2-methyl-	20.680	2.3	ng	155546	5	21.931	1346640	20.0
11H-Benzo[a]flu...	21.297	2.5	ng	171099	5	21.931	1346640	20.0
3-Octadecene, (E)-	21.508	4.2	ng	283766	5	21.931	1346640	20.0
7H-Benz[de]anth...	21.643	2.5	ng	165319	5	21.931	1346640	20.0
Benzo[e]pyrene	25.039	8.1	ng	254457	6	25.363	629769	20.0