LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012023\
Data File : BG056372.D
Acq On : 20 Jan 2023 18:05
Operator : CG/JU
Sample : 01232-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B-P-19A

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: BG056372.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.341	342	349	356	rVB	103872	154812	6.40%	0.626%
2	5.823	421	431	439	rBV	411278	671471	27.75%	2.714%
3	7.444	699	707	716	rBV	422399	729934	30.17%	2.951%
4	8.302	845	853	862	rBB	112530	185985	7.69%	0.752%
5	9.477	1045	1053	1063	rBV	240250	435310	17.99%	1.760%
6	11.134	1327	1335	1349	rBB	143090	262930	10.87%	1.063%
7	13.543	1737	1745	1755	rBV	1008158	1512465	62.51%	6.114%
8	14.242	1857	1864	1868	rBV2	21290	36946	1.53%	0.149%
9	14.912	1968	1978	1984	rBV	298628	472068	19.51%	1.908%
10	14.977	1984	1989	1995	rVB	37143	57370	2.37%	0.232%
11	15.300	2038	2044	2051	rVV3	20907	39182	1.62%	0.158%
12	15.376	2051	2057	2062	rVB2	20548	29813	1.23%	0.121%
13	15.523	2075	2082	2086	rBV2	18512	33229	1.37%	0.134%
14	15.693	2103	2111	2113	rBV5	15553	34955	1.44%	0.141%
15	15.952	2149	2155	2161	rBV3	41086	72518	3.00%	0.293%
16	16.046	2165	2171	2173	rVV3	21652	33364	1.38%	0.135%
17	16.075	2173	2176	2180	rVV3	31404	52101	2.15%	0.211%
18	16.111	2180	2182	2187	rVV3	26085	36814	1.52%	0.149%
19	16.158	2187	2190	2194	rVV4	18346	31629	1.31%	0.128%
20	16.216	2194	2200	2202	rVV6	19296	42946	1.78%	0.174%
21	16.252	2202	2206	2213	rVB3	55009	91028	3.76%	0.368%
22	16.393	2224	2230	2237	rBV	775814	1169481	48.34%	4.727%
23	16.951	2315	2325	2329	rBV4	40551	94601	3.91%	0.382%
24	17.004	2329	2334	2339	rVB3	34366	55041	2.28%	0.222%
25	17.098	2346	2350	2355	rVB2	27951	49161	2.03%	0.199%
26	17.156	2355	2360	2362	rBV2	20576	35386	1.46%	0.143%
27	17.215	2367	2370	2378	rVV3	27036	50396	2.08%	0.204%
28	17.303	2378	2385	2389	rVV4	25730	45245	1.87%	0.183%
29	17.374	2393	2397	2408	rVV9	22391	58031	2.40%	0.235%
30	17.474	2408	2414	2420	rVV	40487	69989	2.89%	0.283%
31	17.650	2438	2444	2448	rBV	400835	638545	26.39%	2.581%
32	17.697	2448	2452	2458	rVV	540841	821885	33.97%	3.322%
33	17.785	2462	2467	2471	rVV	111226	171679	7.10%	0.694%
34	17.838	2471	2476	2480	rVB3	26223	50242	2.08%	0.203%
35	18.049	2507	2512	2513	rBV3	20404	26544	1.10%	0.107%
36	18.161	2527	2531	2535	rBV	32069	40740	1.68%	0.165%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012023\
Data File : BG056372.D
Acq On : 20 Jan 2023 18:05
Operator : CG/JU
Sample : 01232-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B-P-19A

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	18.232	2535	2543	2549	rVB	74178	133163	5.50%	0.538%
38	18.373	2562	2567	2573	rVB3	38045	71840	2.97%	0.290%
39	18.443	2574	2579	2583	rBV4	23232	38439	1.59%	0.155%
40	18.520	2584	2592	2596	rVV	288354	569349	23.53%	2.301%
41	18.567	2596	2600	2606	rVB	330963	485027	20.05%	1.961%
42	18.649	2607	2614	2619	rBV	110315	173872	7.19%	0.703%
43	18.708	2619	2624	2629	rVV2	307744	663841	27.44%	2.683%
44	18.749	2629	2631	2639	rVB	232557	280725	11.60%	1.135%
45	18.913	2653	2659	2663	rBV3	45329	69927	2.89%	0.283%
46	19.007	2670	2675	2679	rBV	127939	194821	8.05%	0.788%
47	19.054	2679	2683	2692	rVB3	90997	180201	7.45%	0.728%
48	19.131	2692	2696	2701	rBV	51361	81984	3.39%	0.331%
49	19.248	2708	2716	2721	rBV2	101482	191906	7.93%	0.776%
50	19.301	2721	2725	2728	rBV	74190	87841	3.63%	0.355%
51	19.336	2728	2731	2737	rVB2	68172	90950	3.76%	0.368%
52	19.418	2739	2745	2750	rBV	267546	452554	18.71%	1.829%
53	19.471	2750	2754	2759	rBV2	79163	172362	7.12%	0.697%
54	19.559	2764	2769	2781	rVV6	105180	307048	12.69%	1.241%
55	19.683	2785	2790	2796	rVV	581660	897081	37.08%	3.626%
56	19.736	2796	2799	2803	rVV2	56389	123656	5.11%	0.500%
57	19.777	2803	2806	2811	rVB	73103	99812	4.13%	0.403%
58	19.877	2819	2823	2826	rVB2	54748	75544	3.12%	0.305%
59	19.918	2826	2830	2832	rBV4	37233	54704	2.26%	0.221%
60	20.018	2841	2847	2848	rBV2	132300	192394	7.95%	0.778%
61	20.047	2848	2852	2858	rVV	913886	1308304	54.08%	5.288%
62	20.106	2858	2862	2868	rVB	103449	159495	6.59%	0.645%
63	20.229	2877	2883	2887	rBV	1917034	2419372	100.00%	9.780%
64	20.270	2887	2890	2896	rVB3	53548	87006	3.60%	0.352%
65	20.370	2899	2907	2913	rBV2	131201	316021	13.06%	1.277%
66	20.441	2915	2919	2922	rBV5	19721	37301	1.54%	0.151%
67	20.523	2924	2933	2940	rVB	146337	402670	16.64%	1.628%
68	20.594	2942	2945	2946	rBV2	23691	27681	1.14%	0.112%
69	20.629	2947	2951	2955	rVB2	75530	104136	4.30%	0.421%
70	20.688	2955	2961	2965	rBV	179746	259698	10.73%	1.050%
71	20.723	2965	2967	2972	rVB	29471	31519	1.30%	0.127%
72	20.829	2981	2985	2989	rBV	175600	240207	9.93%	0.971%
73	20.876	2989	2993	3000	rVB	144596	223558	9.24%	0.904%
74	20.993	3009	3013	3016	rVB6	28743	44710	1.85%	0.181%
75	21.275	3056	3061	3062	rBV5	21112	37374	1.54%	0.151%
76	21.310	3062	3067	3072	rVB	98138	168605	6.97%	0.682%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012023\
Data File : BG056372.D
Acq On : 20 Jan 2023 18:05
Operator : CG/JU
Sample : 01232-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-P-19A

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

77	21.522	3091	3103	3105	rBV4	109603	322858	13.34%	1.305%
78	21.598	3113	3116	3121	rBV3	34154	49719	2.06%	0.201%
79	21.939	3165	3174	3180	rBV2	476658	1362670	56.32%	5.508%
80	21.992	3180	3183	3191	rVB	319371	521734	21.56%	2.109%
81	22.104	3198	3202	3205	rBV5	22461	35247	1.46%	0.142%
82	22.156	3207	3211	3216	rVV2	52671	85176	3.52%	0.344%
83	22.715	3302	3306	3312	rVB	94568	165191	6.83%	0.668%
84	22.785	3316	3318	3325	rVB	70813	126736	5.24%	0.512%
85	23.002	3353	3355	3360	rVB2	34872	50359	2.08%	0.204%
86	23.155	3376	3381	3388	rVB4	38337	89124	3.68%	0.360%
87	24.283	3565	3573	3591	rVB4	132638	612603	25.32%	2.476%
88	25.065	3699	3706	3720	rVB	110092	309343	12.79%	1.250%
89	25.218	3724	3732	3744	rVB	148461	440434	18.20%	1.780%
90	25.382	3751	3760	3768	rBV3	216098	617321	25.52%	2.495%

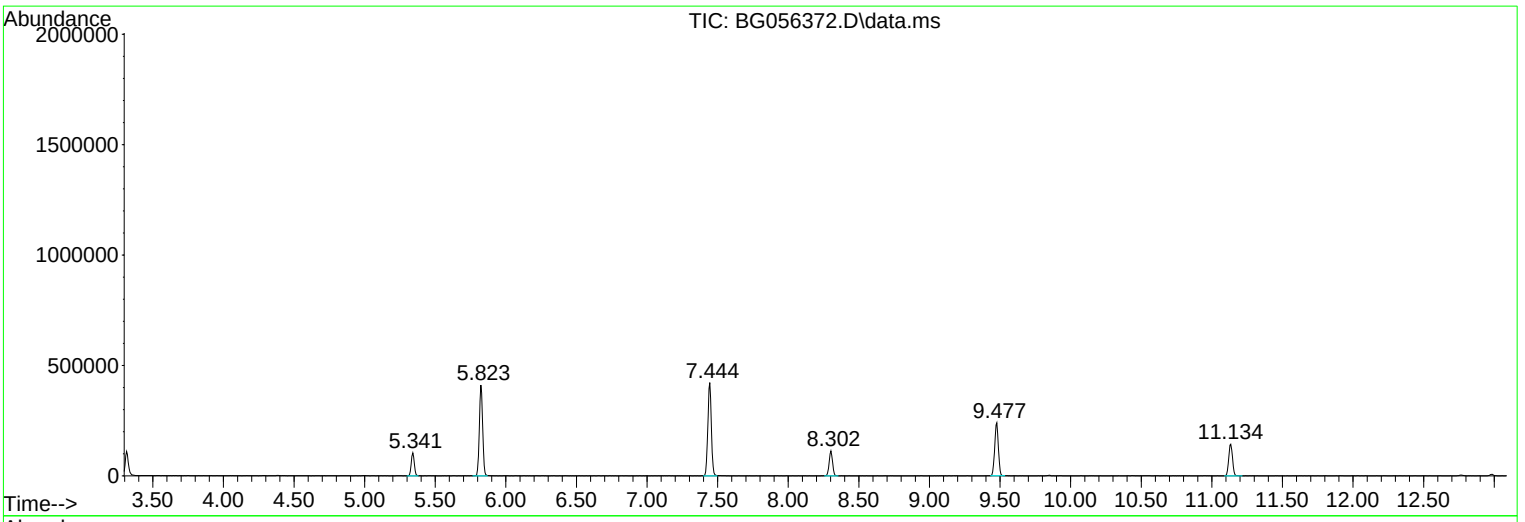
Sum of corrected areas: 24739049

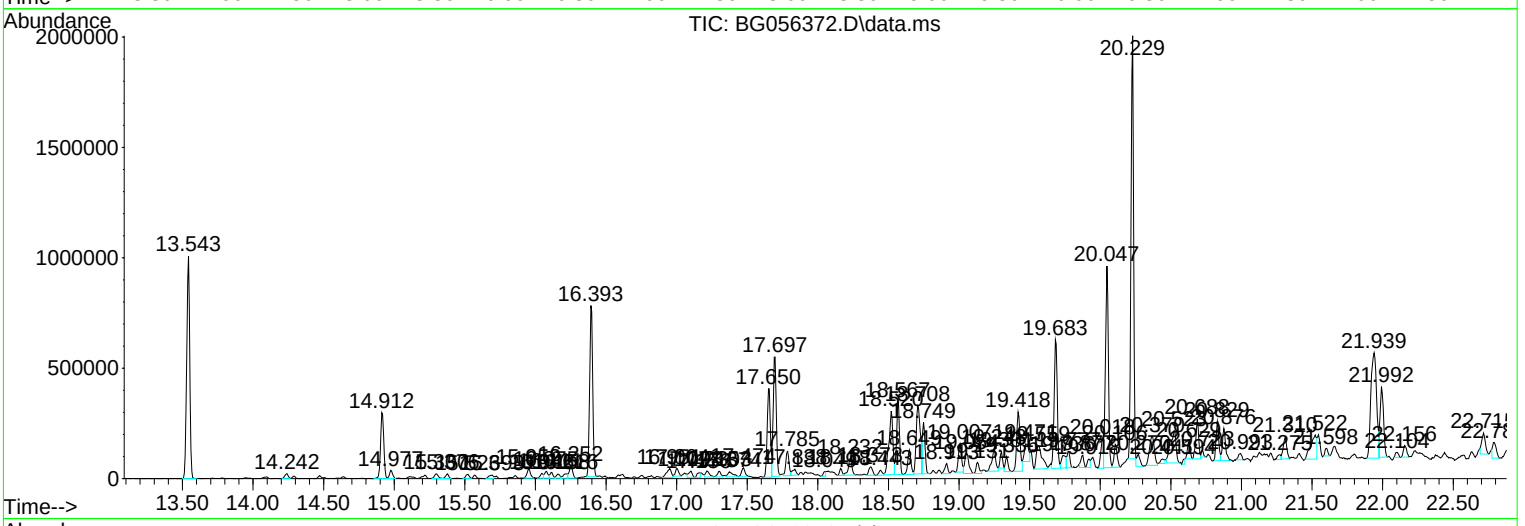
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012023\
Data File : BG056372.D
Acq On : 20 Jan 2023 18:05
Operator : CG/JU
Sample : 01232-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

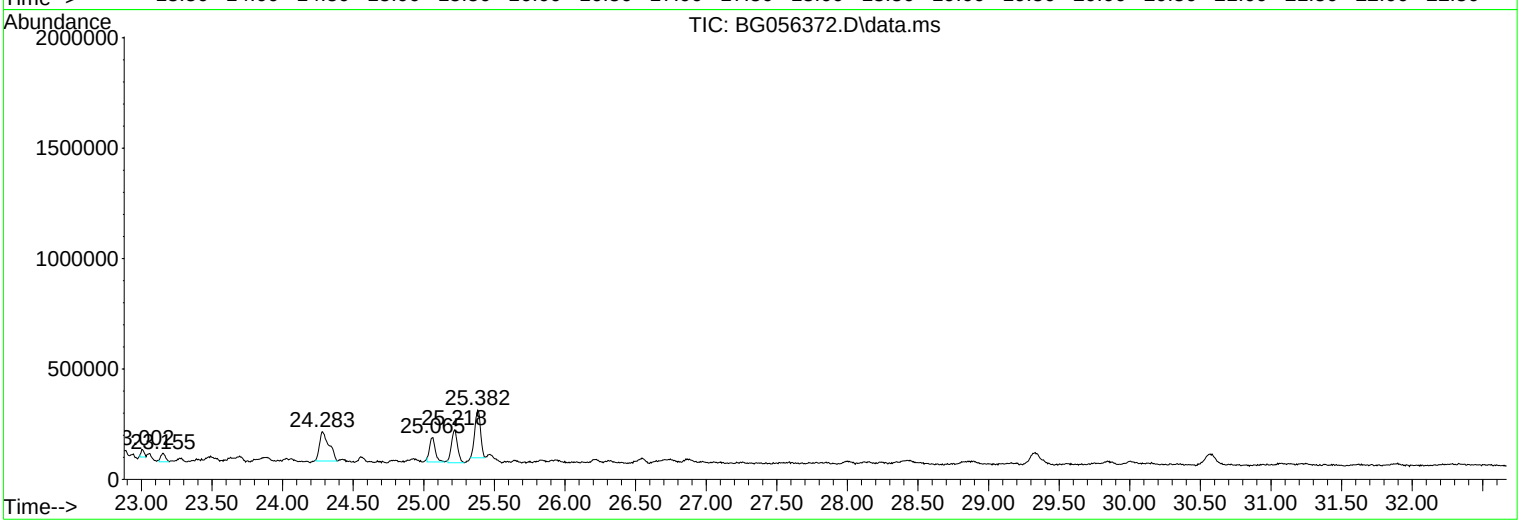
Instrument :
BNA_G
ClientSampleId :
B-P-19A

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\BG012023\
Data File : BG056372.D
Acq On : 20 Jan 2023 18:05
Operator : CG/JU
Sample : 01232-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-P-19A

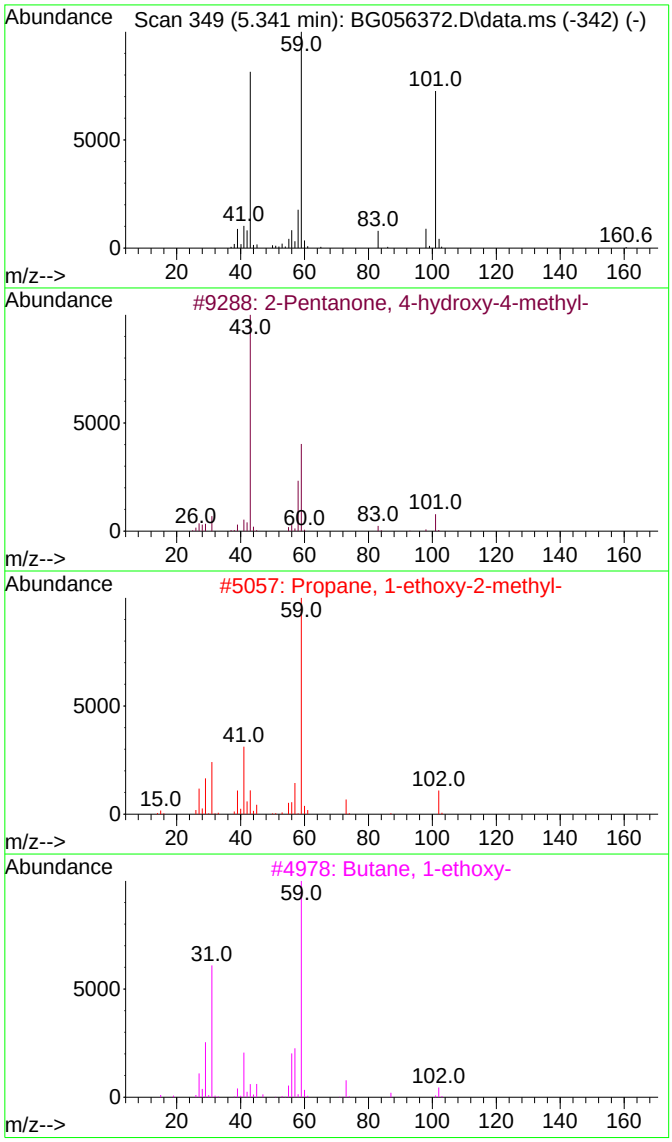
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

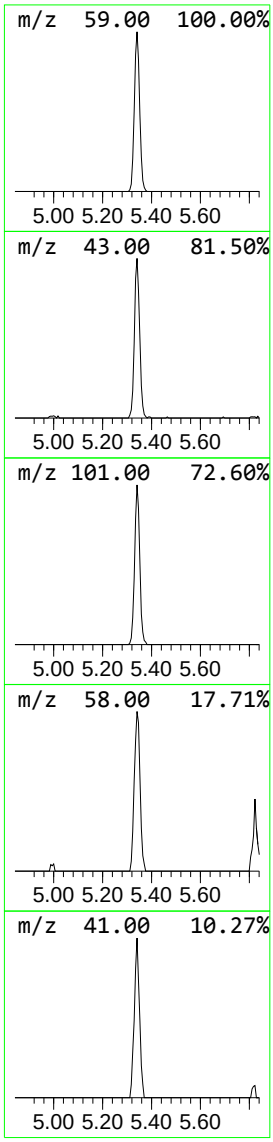
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.341	16.65 ng	154812	1,4-Dichlorobenzene-d4	8.302

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	46
3	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	25
4	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	23
5	Succinic acid, butyl 2,4-dimethy...	272	C15H28O4	1000349-35-6	10





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012023\
Data File : BG056372.D
Acq On : 20 Jan 2023 18:05
Operator : CG/JU
Sample : 01232-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-P-19A

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

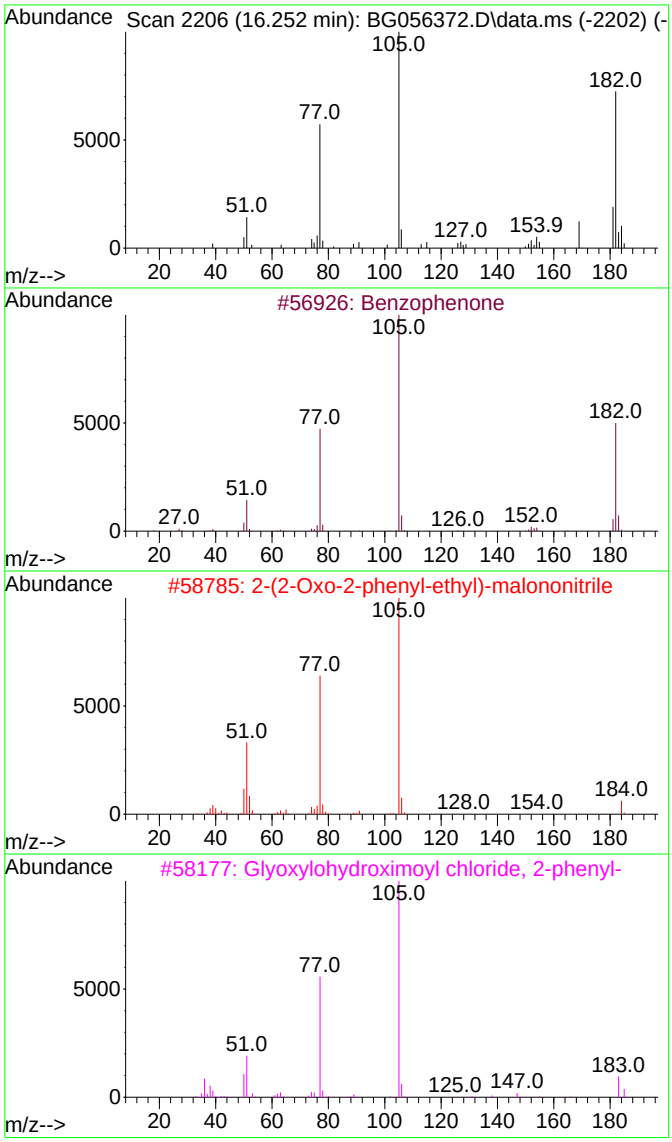
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

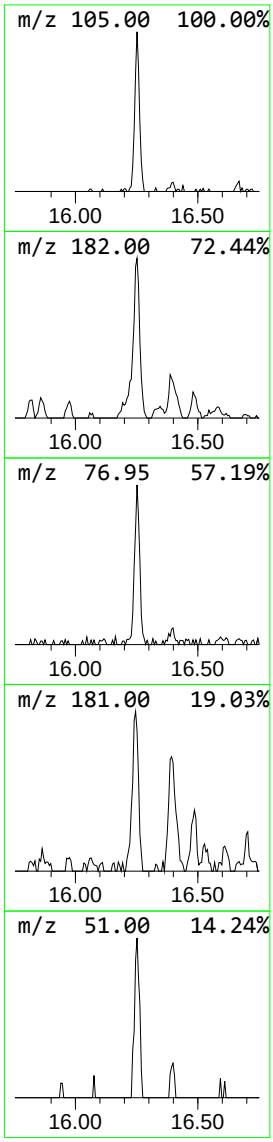
****

Peak Number 2 Benzophenone Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.252	3.86 ng	91028	Acenaphthene-d10	14.912

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	76
2	2-(2-Oxo-2-phenyl-ethyl)-malonon...	184	C11H8N2O	1000296-76-9	38
3	Glyoxylohydroximoyl chloride, 2-...	183	C8H6ClNO2	004937-87-5	30
4	3-Aminocarbazole	182	C12H10N2	006377-12-4	30
5	2-Benzoyloxyacetophenone	240	C15H12O3	004010-33-7	27





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012023\
Data File : BG056372.D
Acq On : 20 Jan 2023 18:05
Operator : CG/JU
Sample : 01232-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-P-19A

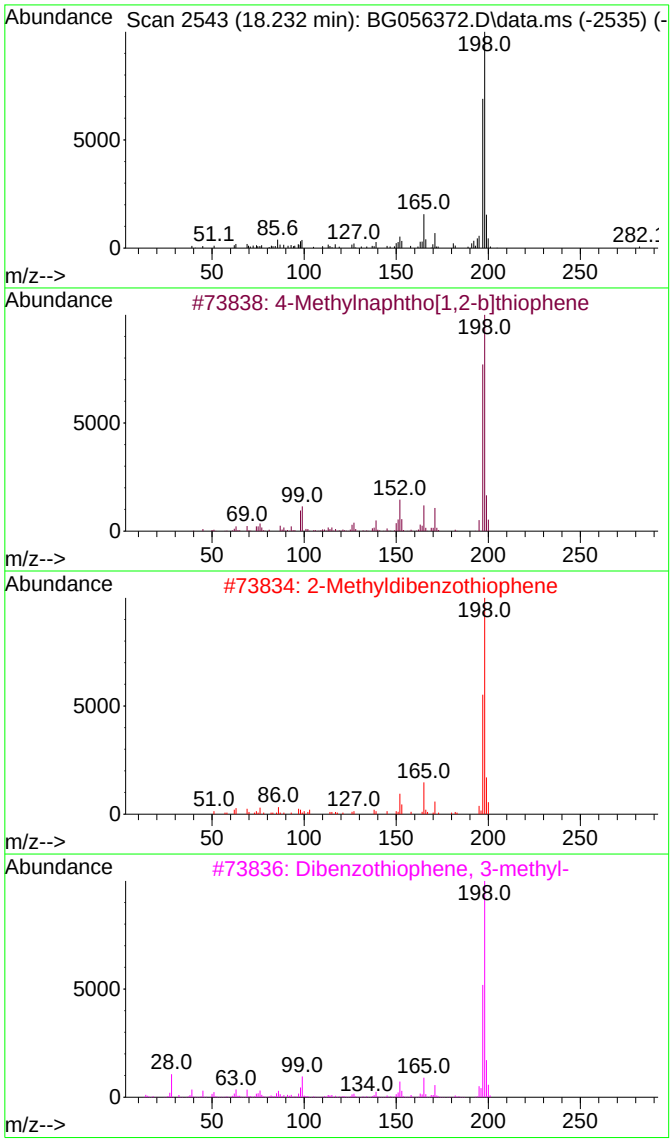
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

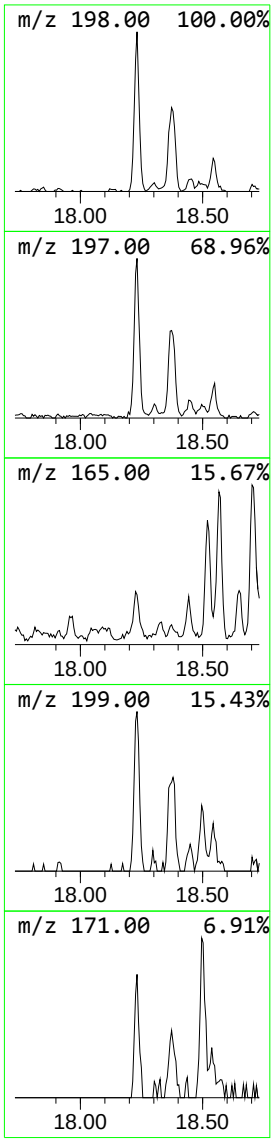
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 4-Methylnaphtho[1,2-b]thiop... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.232	4.17 ng	133163	Phenanthrene-d10	17.650

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Methylnaphtho[1,2-b]thiophene	198	C13H10S	067388-11-8	91
2	2-Methyldibenzothiophene	198	C13H10S	1000383-55-1	90
3	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	87
4	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	87
5	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012023\
Data File : BG056372.D
Acq On : 20 Jan 2023 18:05
Operator : CG/JU
Sample : 01232-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-P-19A

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

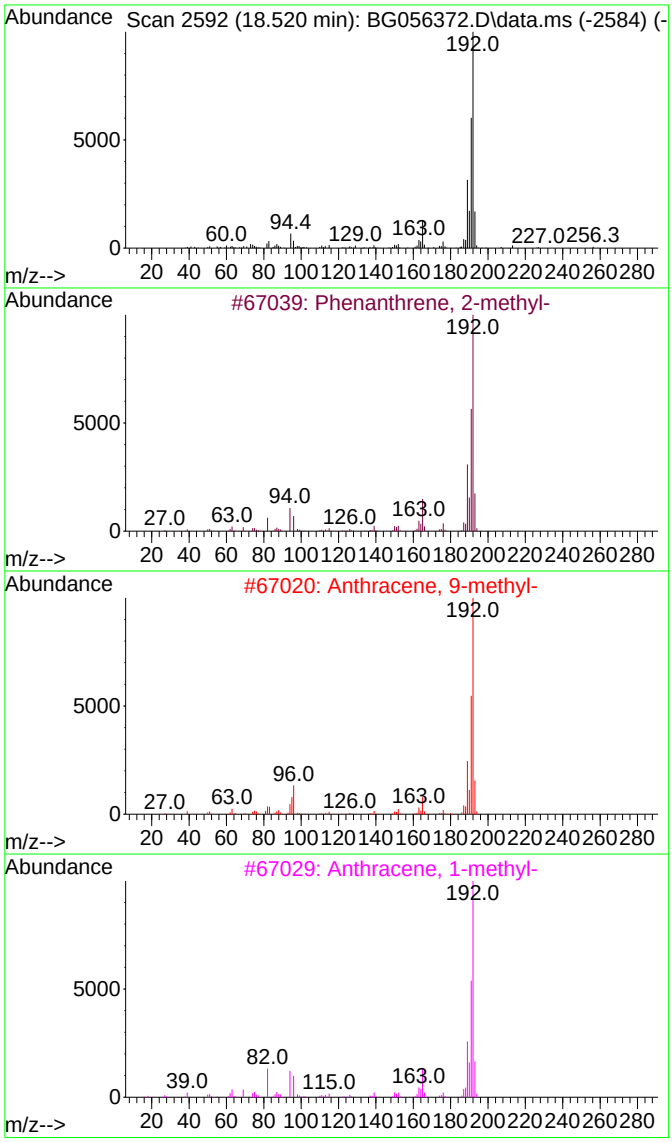
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

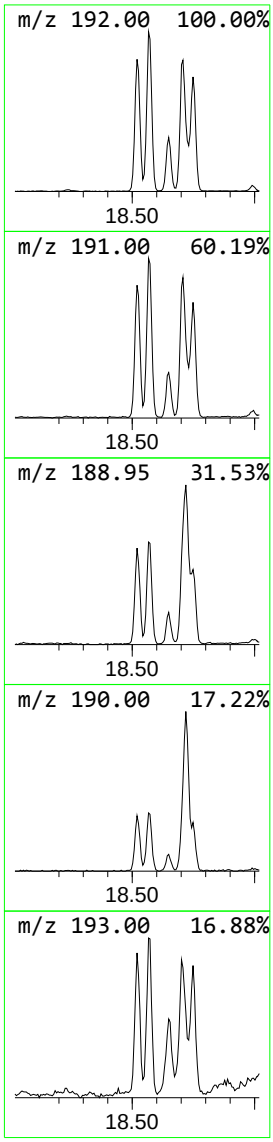
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.520	17.83 ng	569349	Phenanthrene-d10	17.650

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012023\
Data File : BG056372.D
Acq On : 20 Jan 2023 18:05
Operator : CG/JU
Sample : 01232-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-P-19A

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

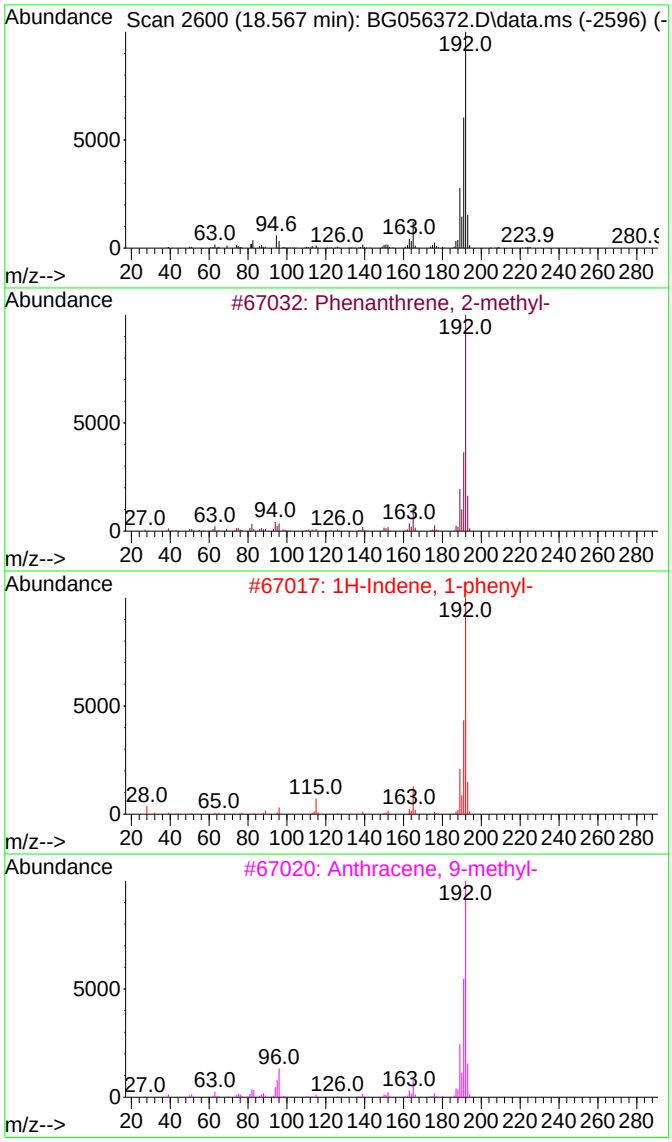
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

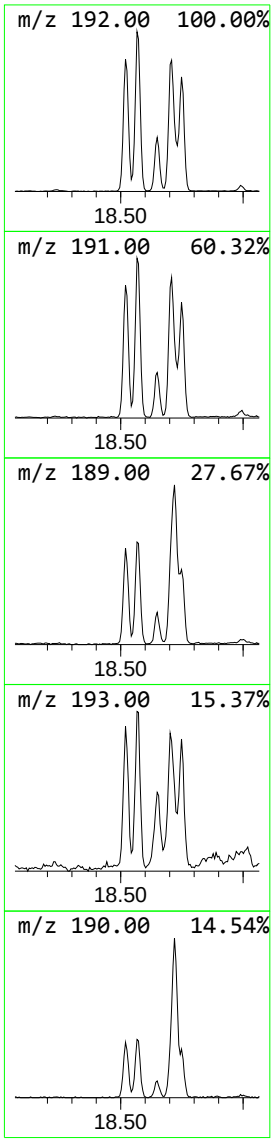
****

Peak Number 5 1H-Indene, 1-phenyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.567	15.19 ng	485027	Phenanthrene-d10	17.650

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	93
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
4	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	91
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012023\
Data File : BG056372.D
Acq On : 20 Jan 2023 18:05
Operator : CG/JU
Sample : 01232-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-P-19A

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

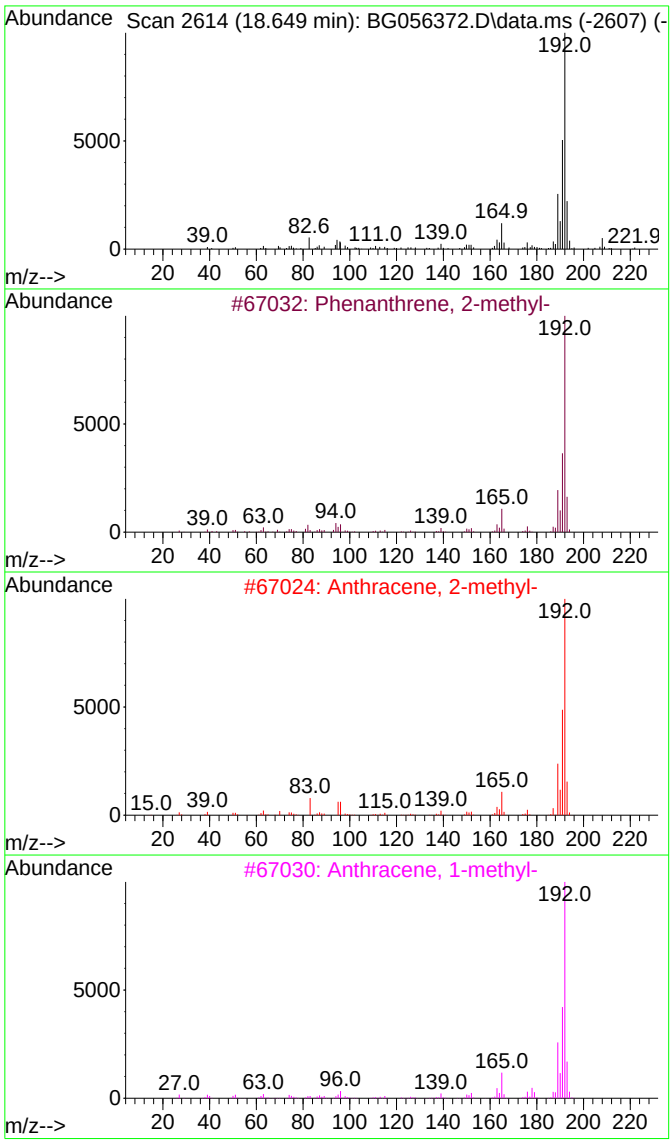
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

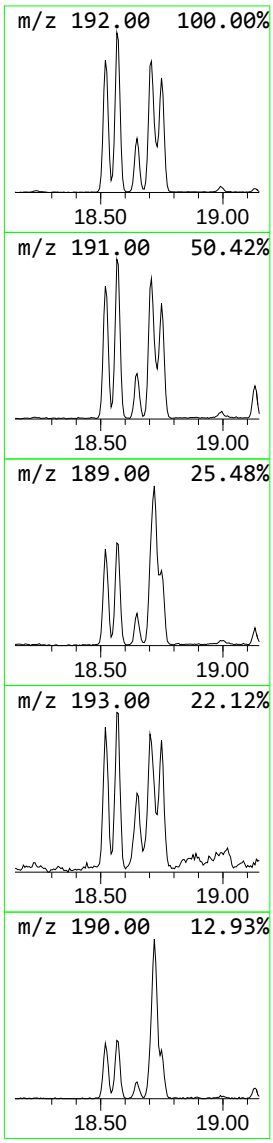
****

Peak Number 6 Anthracene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.649	5.45 ng	173872	Phenanthrene-d10	17.650

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012023\
Data File : BG056372.D
Acq On : 20 Jan 2023 18:05
Operator : CG/JU
Sample : 01232-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-P-19A

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

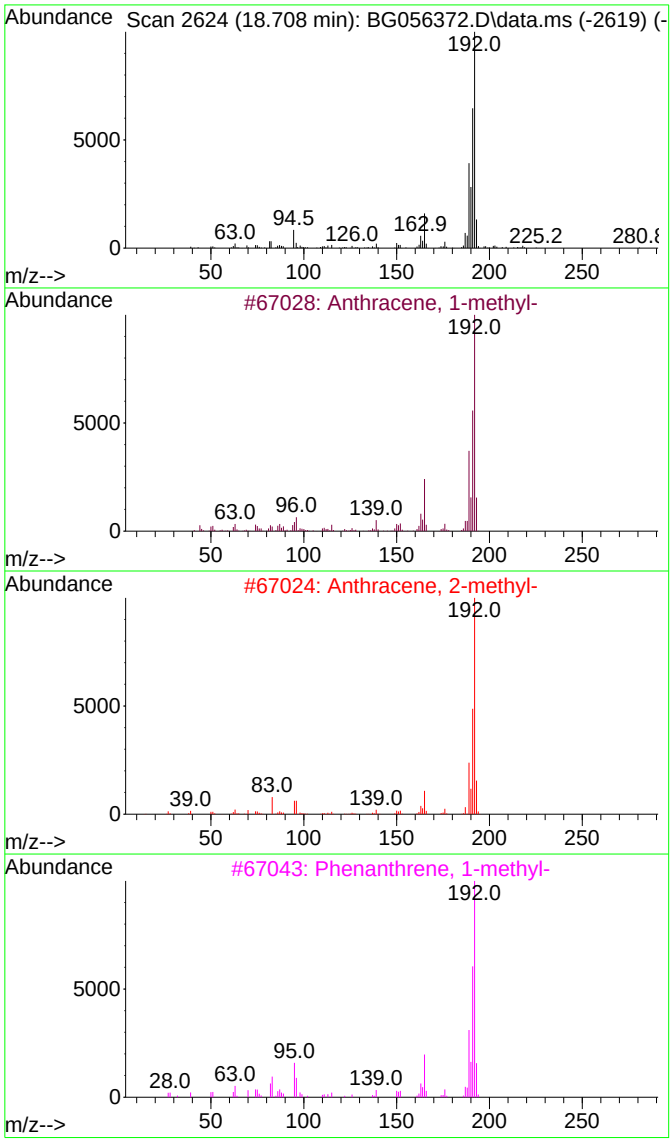
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

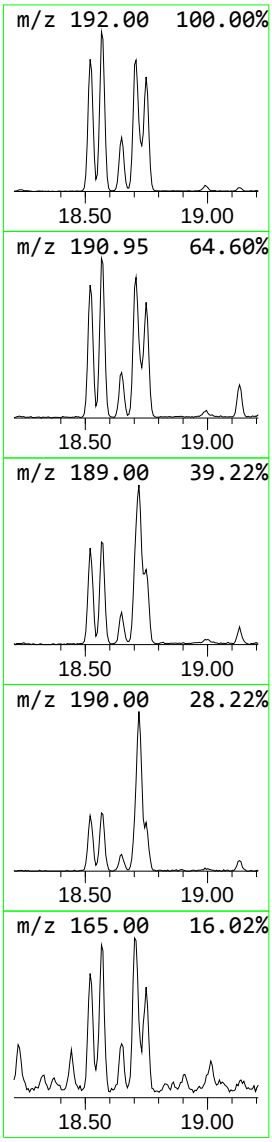
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.708	20.79 ng	663841	Phenanthrene-d10	17.650

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	86
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	70
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	70
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	62
5	Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012023\
Data File : BG056372.D
Acq On : 20 Jan 2023 18:05
Operator : CG/JU
Sample : 01232-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-P-19A

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

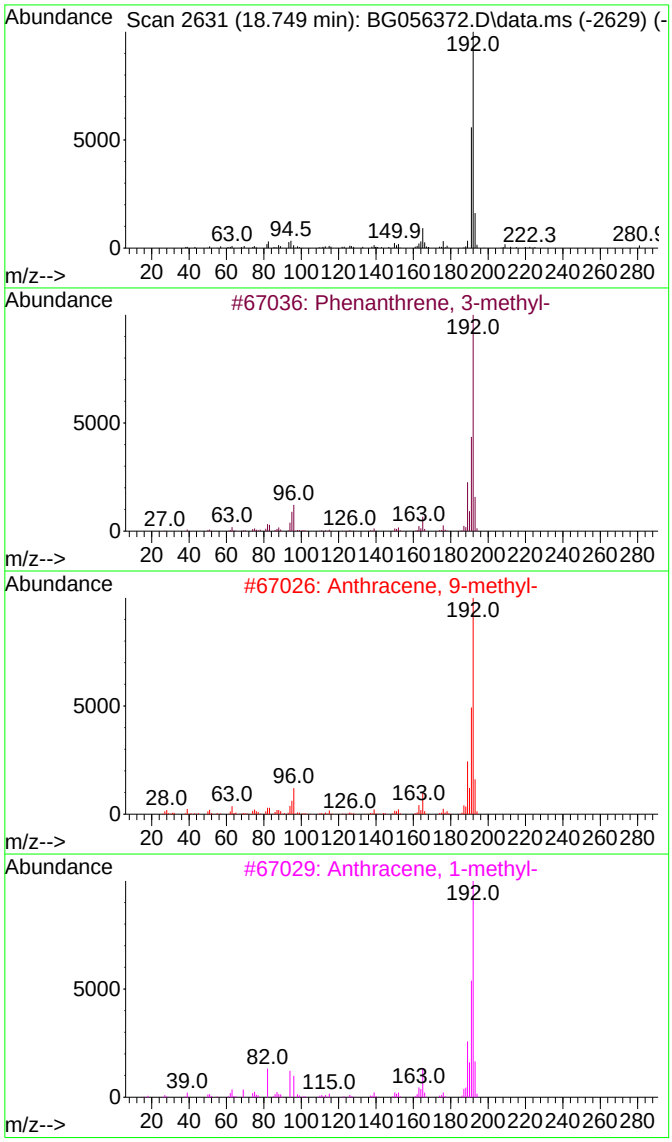
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

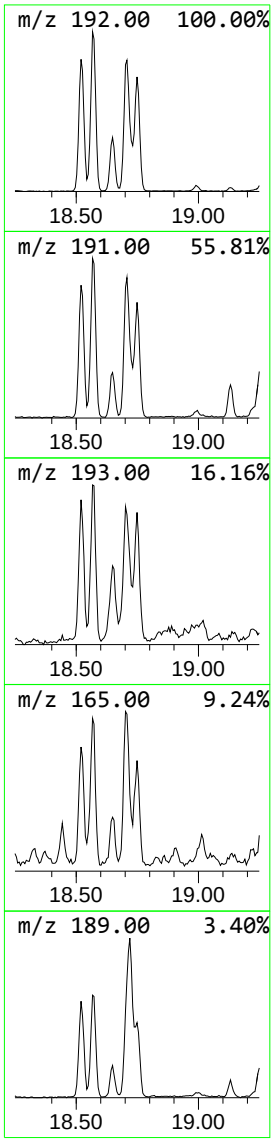
****

Peak Number 8 Phenanthrene, 3-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.749	8.79 ng	280725	Phenanthrene-d10	17.650

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	90
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012023\
Data File : BG056372.D
Acq On : 20 Jan 2023 18:05
Operator : CG/JU
Sample : 01232-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-P-19A

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

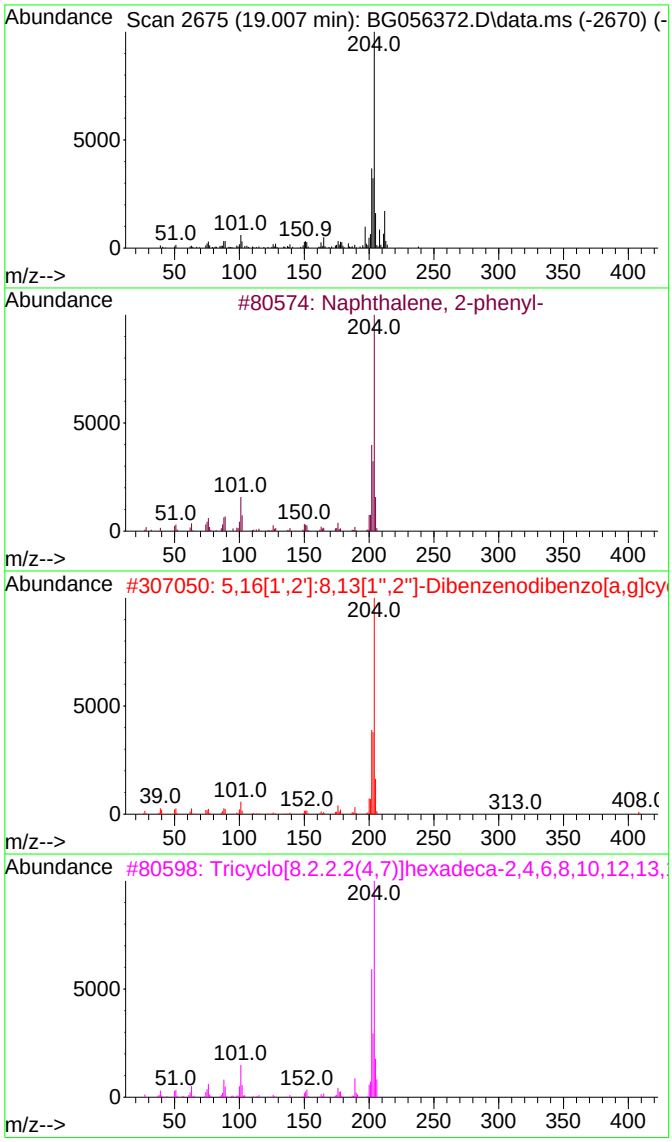
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

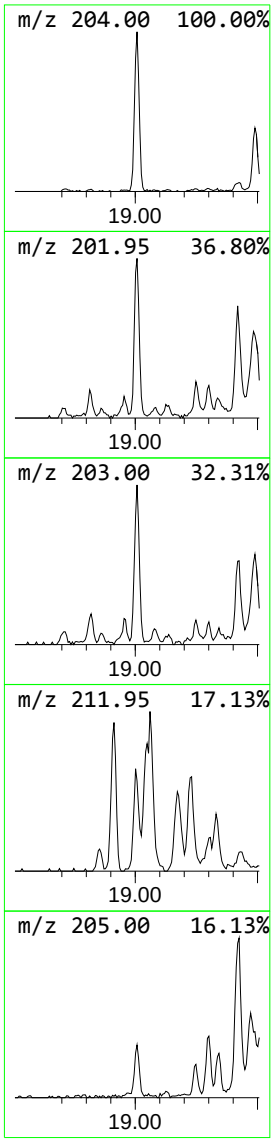
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.007	6.10 ng	194821	Phenanthrene-d10	17.650

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	72
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	64
4	6-Cyanophenanthridine	204	C14H8N2	002176-28-5	60
5	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012023\
Data File : BG056372.D
Acq On : 20 Jan 2023 18:05
Operator : CG/JU
Sample : 01232-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-P-19A

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

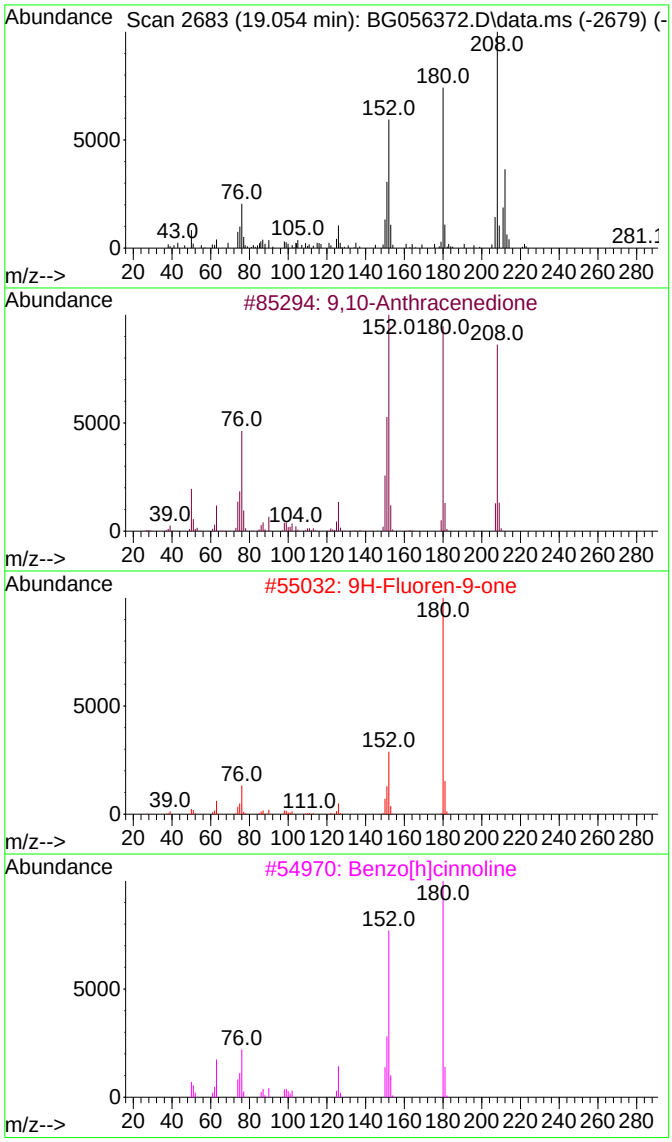
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

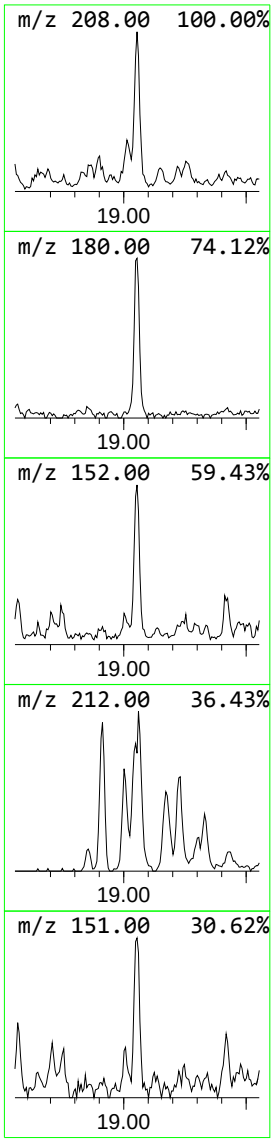
****

Peak Number 10 9,10-Anthracenedione Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.054	5.64 ng	180201	Phenanthrene-d10	17.650

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	87
3	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	87
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	70
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012023\
Data File : BG056372.D
Acq On : 20 Jan 2023 18:05
Operator : CG/JU
Sample : 01232-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-P-19A

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

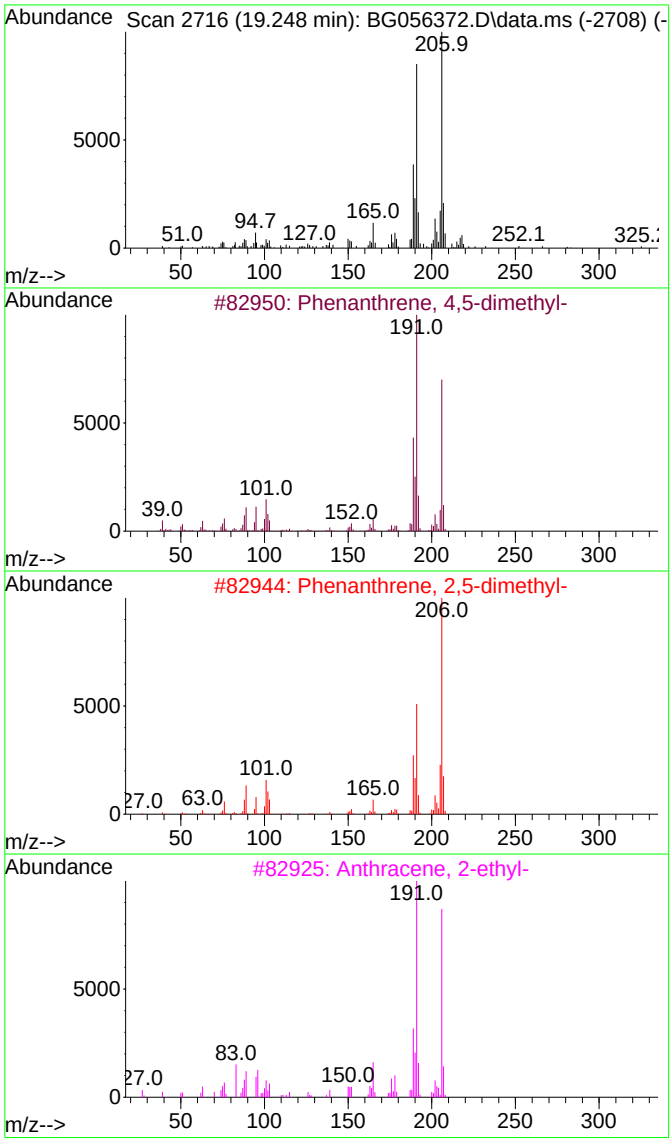
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

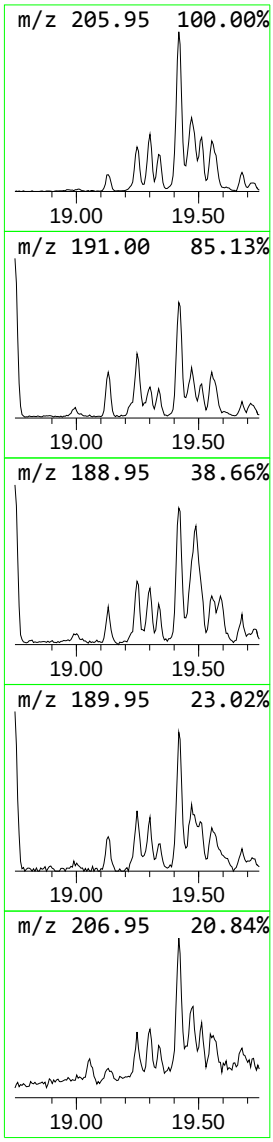
****

Peak Number 11 Phenanthrene, 4,5-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.248	6.01 ng	191906	Phenanthrene-d10	17.650

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	94
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	93
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012023\
Data File : BG056372.D
Acq On : 20 Jan 2023 18:05
Operator : CG/JU
Sample : 01232-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-P-19A

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

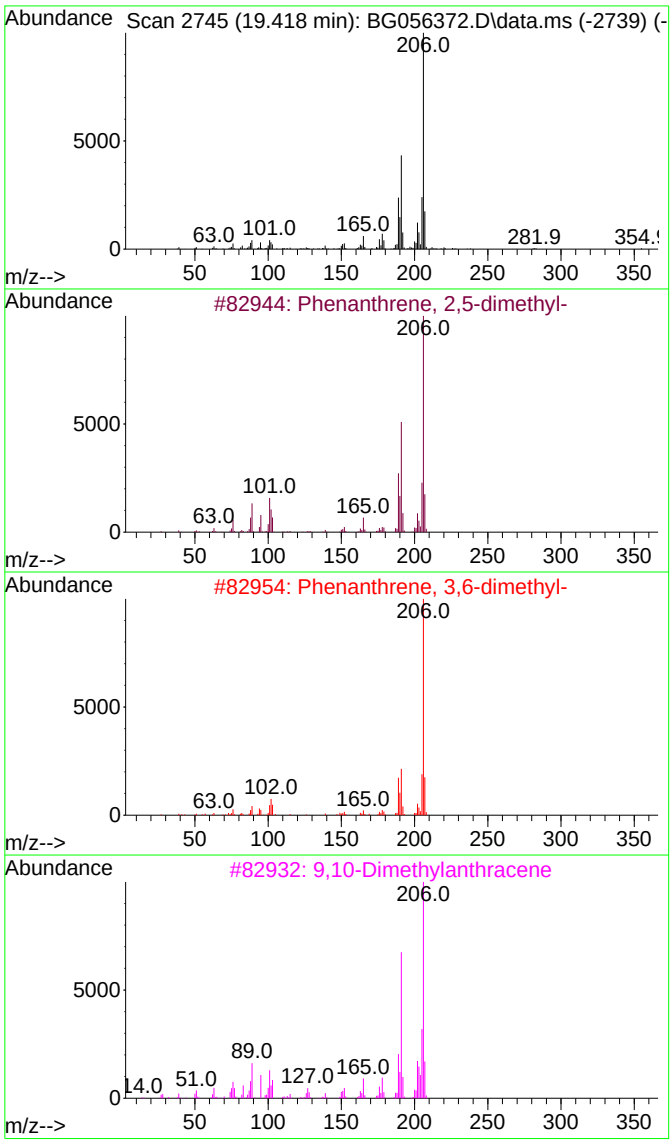
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

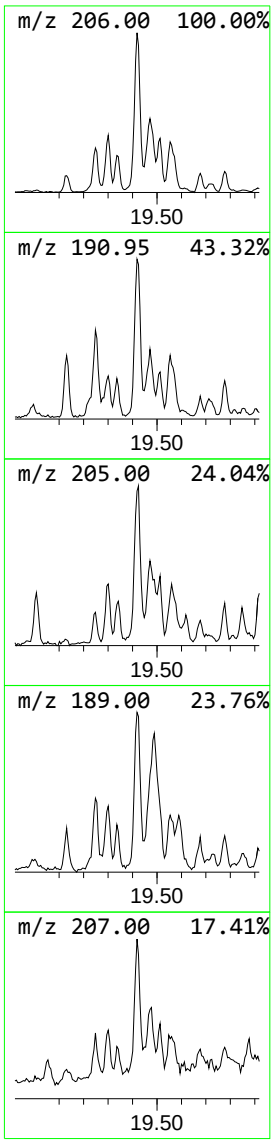
****

Peak Number 12 Phenanthrene, 2,5-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.418	14.17 ng	452554	Phenanthrene-d10	17.650

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
5	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012023\
Data File : BG056372.D
Acq On : 20 Jan 2023 18:05
Operator : CG/JU
Sample : 01232-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-P-19A

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

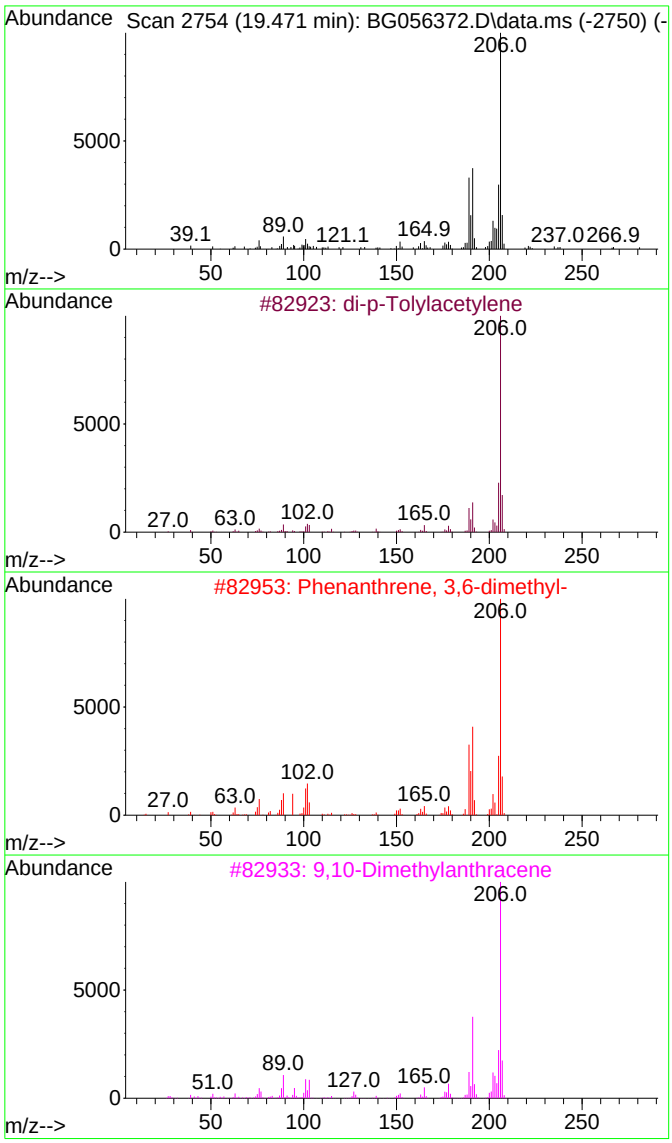
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

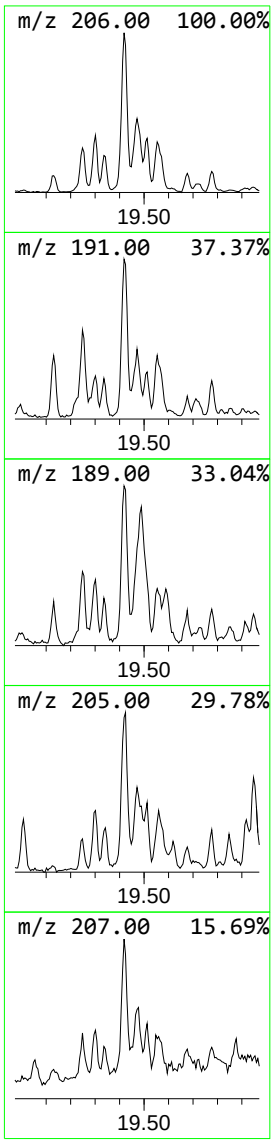
****

Peak Number 13 di-p-Tolylacetylene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.471	5.40 ng	172362	Phenanthrene-d10	17.650

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	87
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	83
5	[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14	085385-68-8	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012023\
Data File : BG056372.D
Acq On : 20 Jan 2023 18:05
Operator : CG/JU
Sample : 01232-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-P-19A

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

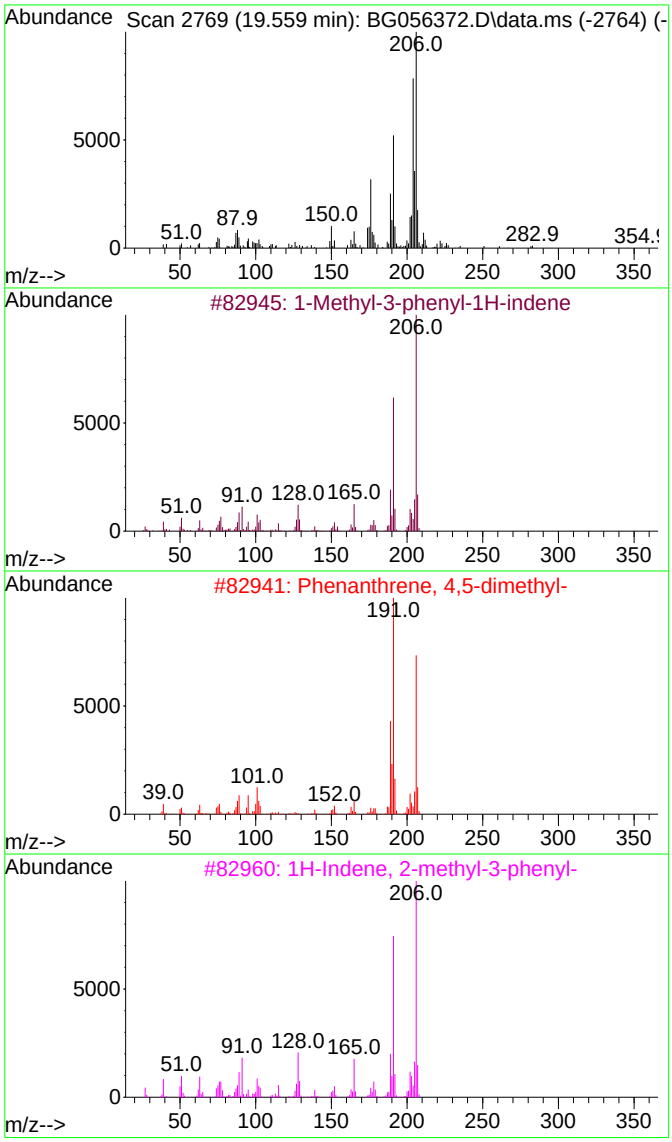
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

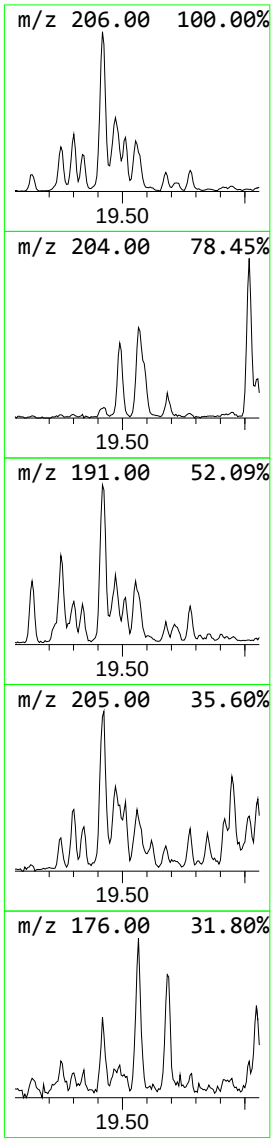
****

Peak Number 14 1-Methyl-3-phenyl-1H-indene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.560	9.62 ng	307048	Phenanthrene-d10	17.650

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methyl-3-phenyl-1H-indene	206	C16H14	022360-62-9	60
2	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	60
3	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	60
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	60
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	60





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012023\
Data File : BG056372.D
Acq On : 20 Jan 2023 18:05
Operator : CG/JU
Sample : 01232-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-P-19A

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

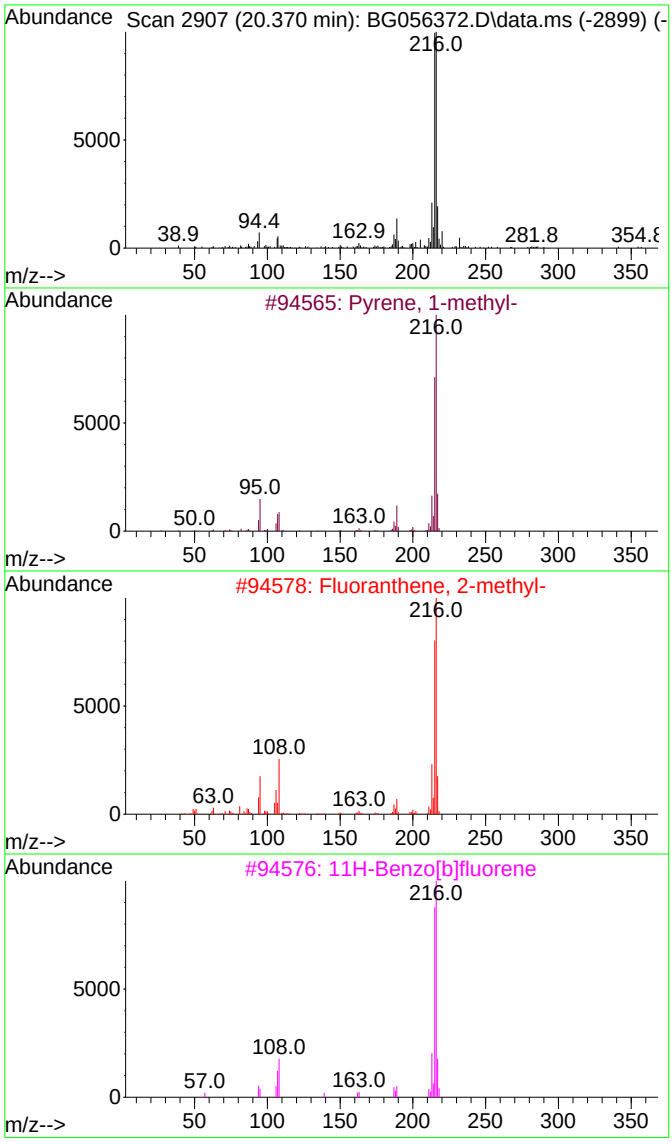
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

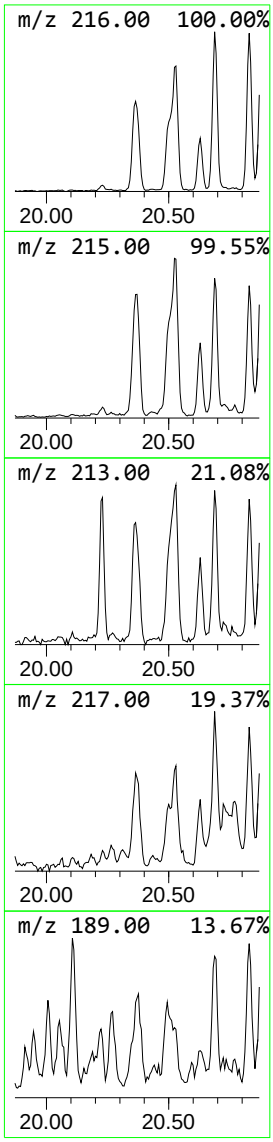
****

Peak Number 15 Pyrene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.370	4.64 ng	316021	Chrysene-d12	21.945

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012023\
Data File : BG056372.D
Acq On : 20 Jan 2023 18:05
Operator : CG/JU
Sample : 01232-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-P-19A

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

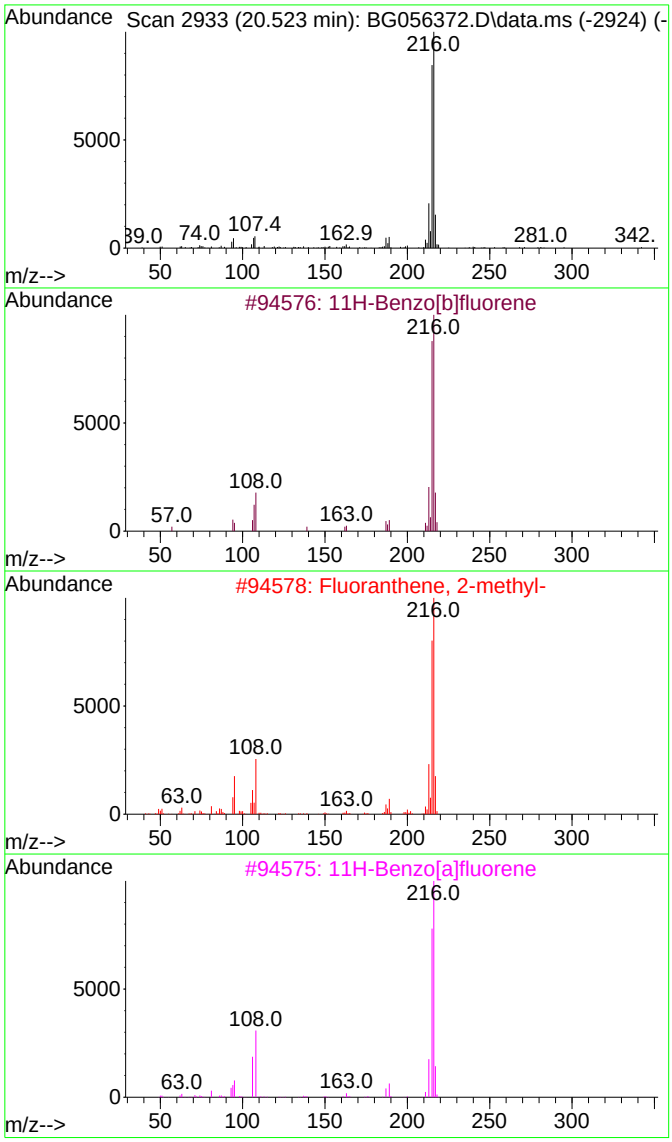
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

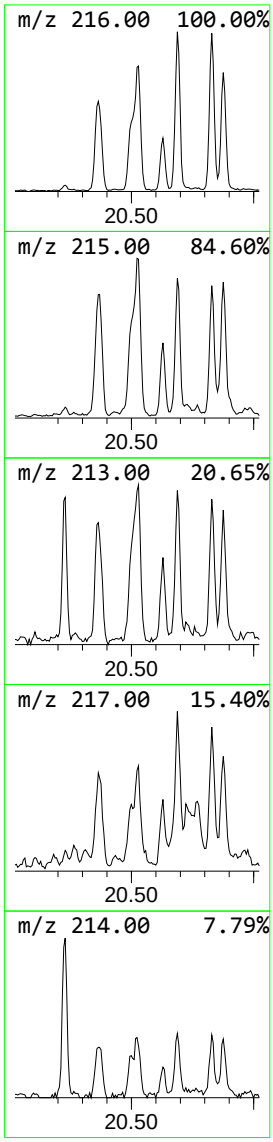
****

Peak Number 16 11H-Benzo[b]fluorene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.523	5.91 ng	402670	Chrysene-d12	21.945

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	78
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	76
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012023\
Data File : BG056372.D
Acq On : 20 Jan 2023 18:05
Operator : CG/JU
Sample : 01232-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-P-19A

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

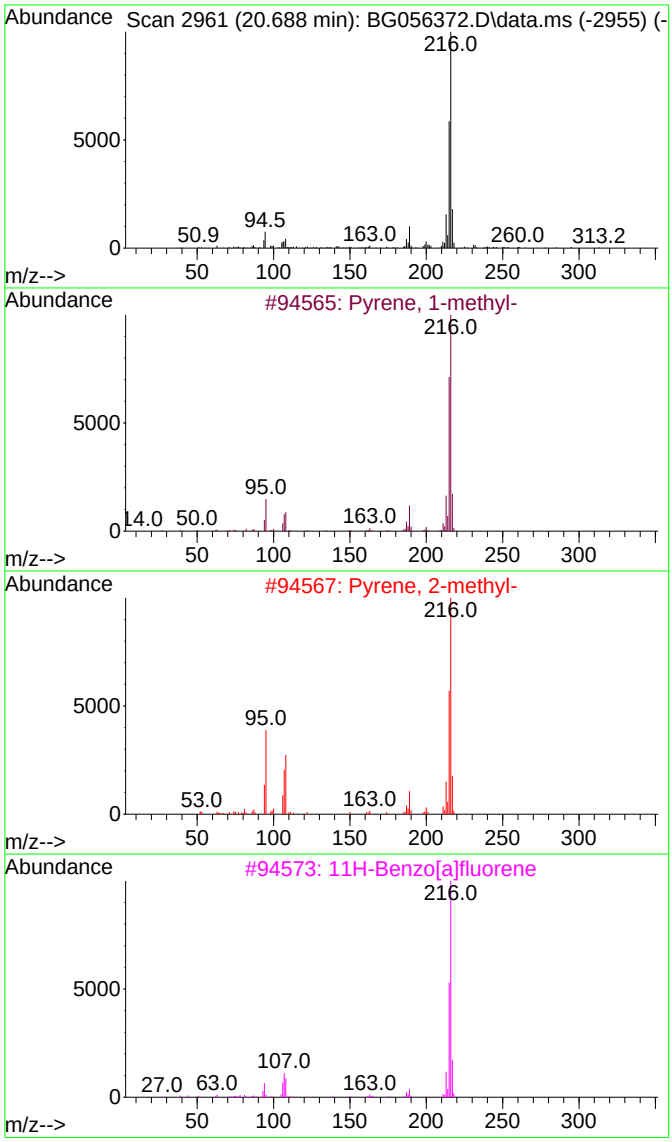
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

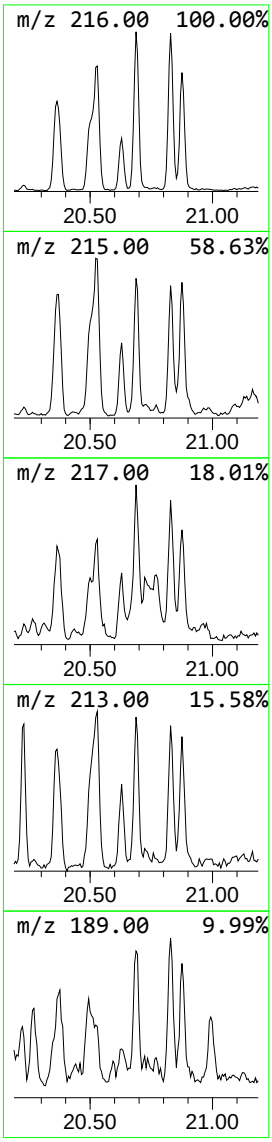
****

Peak Number 17 Pyrene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.688	3.81 ng	259698	Chrysene-d12	21.945

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	95
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	89





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012023\
Data File : BG056372.D
Acq On : 20 Jan 2023 18:05
Operator : CG/JU
Sample : 01232-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-P-19A

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

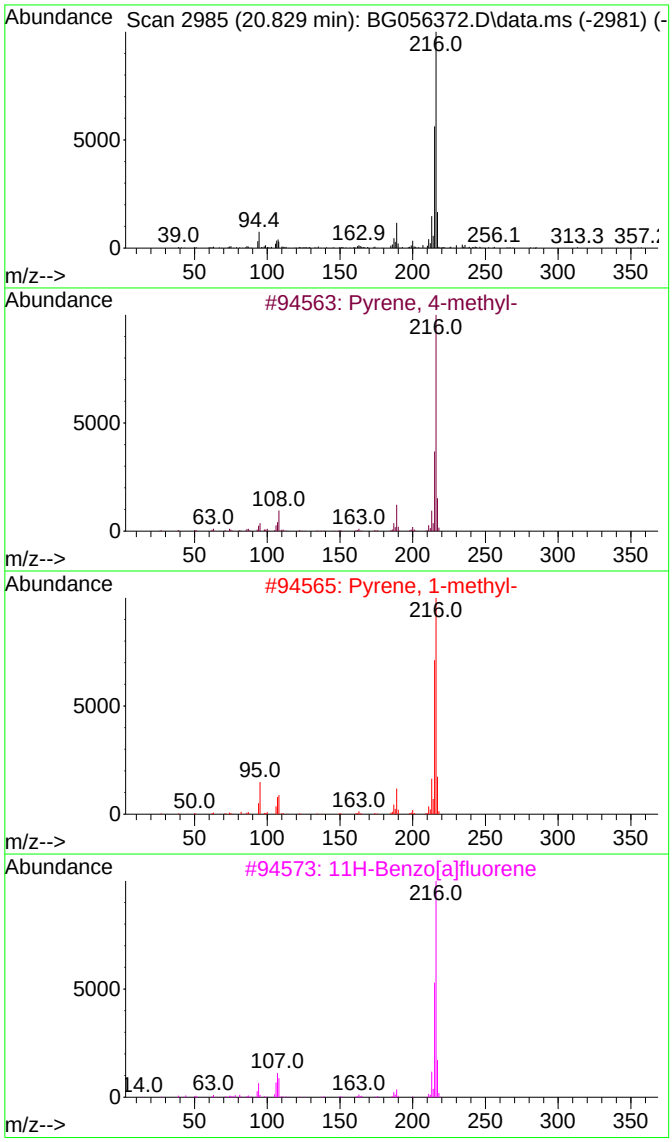
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

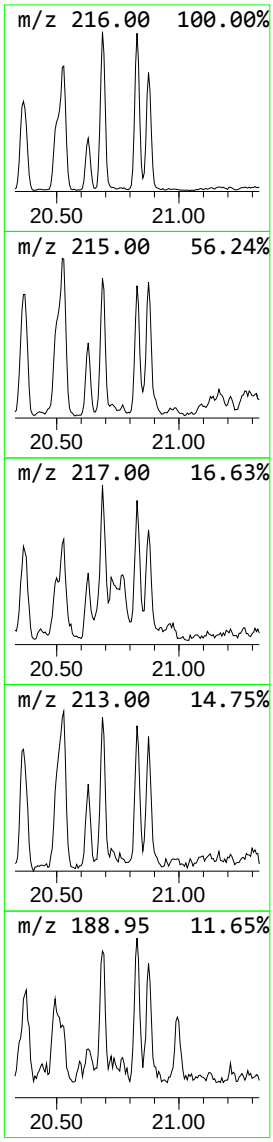
****

Peak Number 18 Pyrene, 4-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.829	3.53 ng	240207	Chrysene-d12	21.945

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 4-methyl-	216	C17H12	003353-12-6	94
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012023\
Data File : BG056372.D
Acq On : 20 Jan 2023 18:05
Operator : CG/JU
Sample : 01232-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-P-19A

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

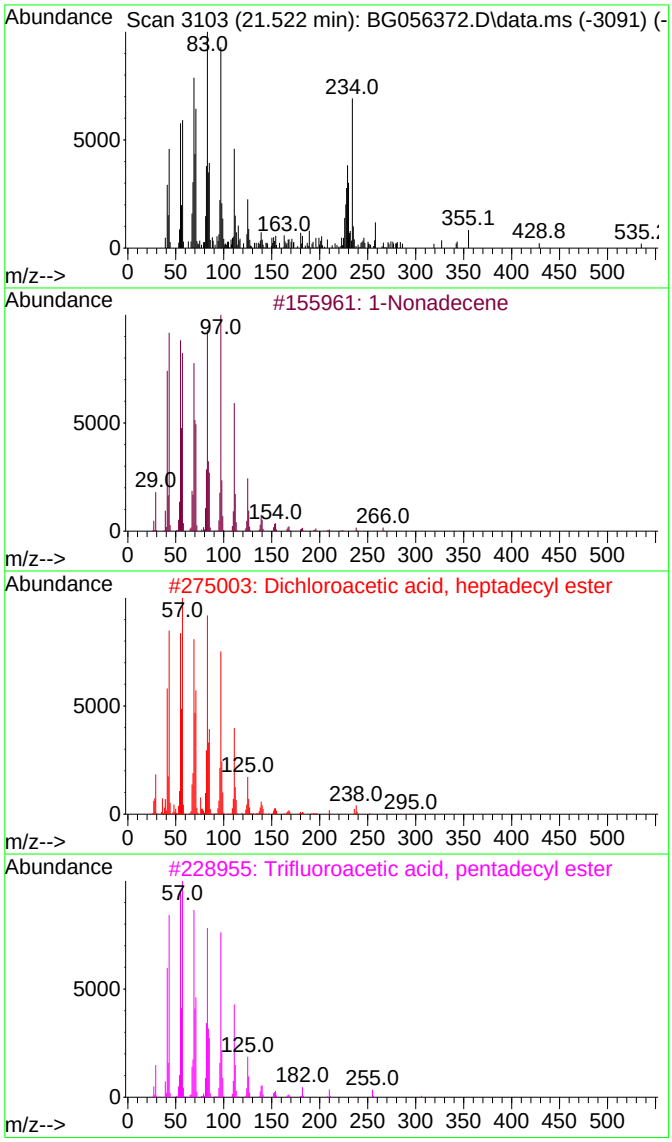
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

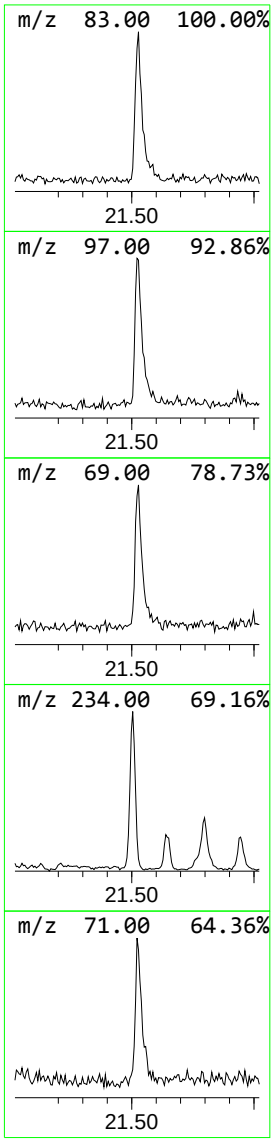
****

Peak Number 19 1-Nonadecene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.522	4.74 ng	322858	Chrysene-d12	21.945

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	78
2	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	70
3	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	70
4	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	70
5	1-Heneicosyl formate	340	C22H44O2	077899-03-7	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012023\
Data File : BG056372.D
Acq On : 20 Jan 2023 18:05
Operator : CG/JU
Sample : 01232-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-P-19A

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

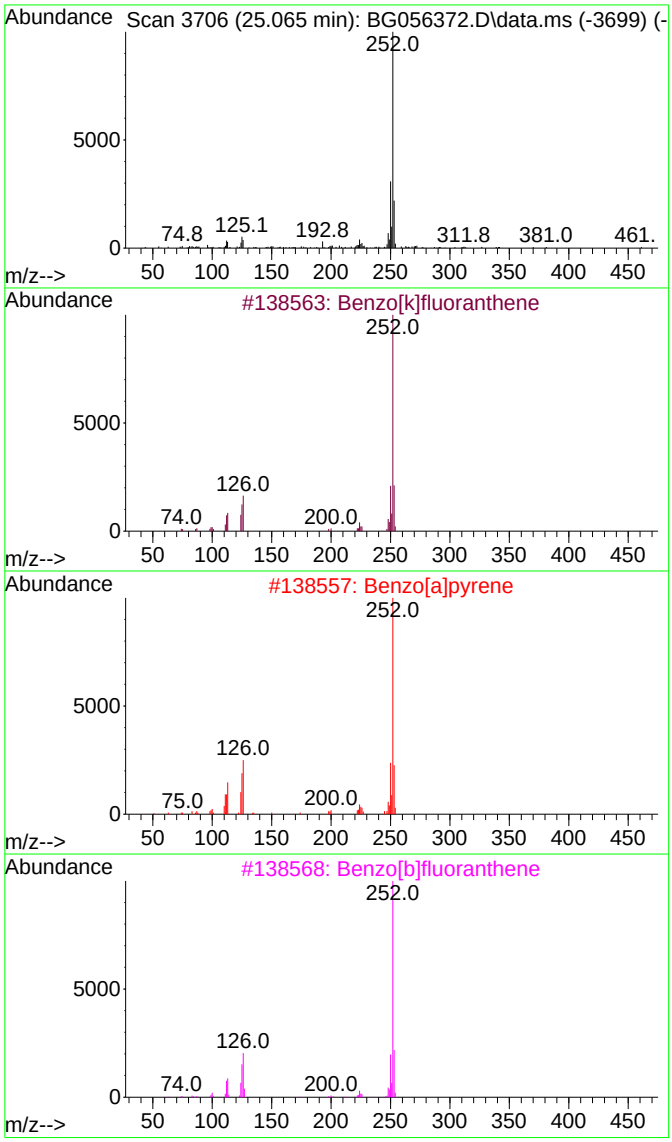
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

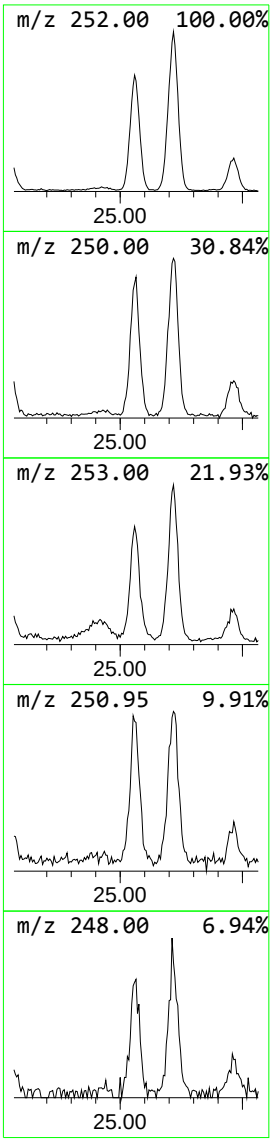
****

Peak Number 20 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.065	10.02 ng	309343	Perylene-d12	25.382

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
2	Benzo[a]pyrene	252	C20H12	000050-32-8	90
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	81
4	Benzo[e]pyrene	252	C20H12	000192-97-2	81
5	Perylene	252	C20H12	000198-55-0	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012023\
Data File : BG056372.D
Acq On : 20 Jan 2023 18:05
Operator : CG/JU
Sample : 01232-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-P-19A

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-...	5.341	16.6	ng	154812	1	8.302	185985	20.0
Benzophenone	16.252	3.9	ng	91028	3	14.912	472068	20.0
4-Methylnaphtho...	18.232	4.2	ng	133163	4	17.650	638545	20.0
Phenanthrene, 2...	18.520	17.8	ng	569349	4	17.650	638545	20.0
1H-Indene, 1-ph...	18.567	15.2	ng	485027	4	17.650	638545	20.0
Anthracene, 2-m...	18.649	5.5	ng	173872	4	17.650	638545	20.0
Anthracene, 1-m...	18.708	20.8	ng	663841	4	17.650	638545	20.0
Phenanthrene, 3...	18.749	8.8	ng	280725	4	17.650	638545	20.0
Naphthalene, 2-...	19.007	6.1	ng	194821	4	17.650	638545	20.0
9,10-Anthracene...	19.054	5.6	ng	180201	4	17.650	638545	20.0
Phenanthrene, 4...	19.248	6.0	ng	191906	4	17.650	638545	20.0
Phenanthrene, 2...	19.418	14.2	ng	452554	4	17.650	638545	20.0
di-p-Tolylacety...	19.471	5.4	ng	172362	4	17.650	638545	20.0
1-Methyl-3-phen...	19.560	9.6	ng	307048	4	17.650	638545	20.0
Pyrene, 1-methyl-	20.370	4.6	ng	316021	5	21.945	1362670	20.0
11H-Benzo[b]flu...	20.523	5.9	ng	402670	5	21.945	1362670	20.0
Pyrene, 2-methyl-	20.688	3.8	ng	259698	5	21.945	1362670	20.0
Pyrene, 4-methyl-	20.829	3.5	ng	240207	5	21.945	1362670	20.0
1-Nonadecene	21.522	4.7	ng	322858	5	21.945	1362670	20.0
Benzo[e]pyrene	25.065	10.0	ng	309343	6	25.382	617321	20.0