LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051724\
Data File : BG061236.D
Acq On : 17 May 2024 13:07
Operator : MA/JU
Sample : P2482-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SW-03-229

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-BG043024.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG061236.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.070	9	14	22	rBV3	8927	19823	1.24%	0.108%
2	3.146	22	27	45	rVB	288345	451507	28.21%	2.469%
3	3.669	112	116	127	rBV	28227	46646	2.91%	0.255%
4	5.526	425	432	445	rVB	388254	612488	38.26%	3.349%
5	7.112	694	702	710	rBV	411755	703019	43.92%	3.844%
6	7.929	834	841	847	rBV	111183	179134	11.19%	0.980%
7	9.086	1029	1038	1047	rBV	263726	471237	29.44%	2.577%
8	10.726	1308	1317	1322	rBV	143564	248698	15.54%	1.360%
9	11.466	1435	1443	1450	rBV3	11646	22882	1.43%	0.125%
10	13.182	1727	1735	1742	rBV	636620	999302	62.43%	5.465%
11	14.556	1961	1969	1975	rBV	240005	369858	23.11%	2.023%
12	14.621	1975	1980	1988	rVB2	51715	83729	5.23%	0.458%
13	14.768	1998	2005	2012	rBV5	16719	38631	2.41%	0.211%
14	14.956	2031	2037	2043	rBV	24127	38103	2.38%	0.208%
15	15.608	2142	2148	2155	rBV	42637	66625	4.16%	0.364%
16	15.902	2193	2198	2204	rVB	13349	23882	1.49%	0.131%
17	16.049	2217	2223	2234	rBV	573146	930250	58.11%	5.087%
18	16.284	2256	2263	2268	rVB7	11576	24266	1.52%	0.133%
19	16.613	2316	2319	2324	rVV5	11803	19934	1.25%	0.109%
20	16.836	2350	2357	2360	rBV6	8531	18080	1.13%	0.099%
21	16.960	2374	2378	2385	rVB2	24442	36201	2.26%	0.198%
22	17.065	2385	2396	2399	rBV7	12619	32352	2.02%	0.177%
23	17.124	2401	2406	2414	rVB2	22597	39497	2.47%	0.216%
24	17.306	2431	2437	2441	rBV	297967	470613	29.40%	2.574%
25	17.353	2441	2445	2451	rVV	478234	715123	44.67%	3.911%
26	17.441	2451	2460	2465	rVV	108932	180587	11.28%	0.988%
27	17.500	2465	2470	2475	rVV4	13538	23710	1.48%	0.130%
28	17.712	2497	2506	2513	rBV2	43566	87091	5.44%	0.476%
29	17.823	2519	2525	2529	rVB2	11851	19210	1.20%	0.105%
30	17.888	2531	2536	2545	rVB4	14951	30574	1.91%	0.167%
31	18.182	2578	2586	2591	rVV	79181	142288	8.89%	0.778%
32	18.234	2591	2595	2603	rVV	89787	145662	9.10%	0.797%
33	18.317	2603	2609	2614	rVV	34025	53203	3.32%	0.291%
34	18.381	2614	2620	2624	rBV3	98164	197167	12.32%	1.078%
35	18.417	2624	2626	2632	rVB	50160	57327	3.58%	0.313%
36	18.493	2632	2639	2642	rBV6	13646	22234	1.39%	0.122%

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051724\
Data File : BG061236.D
Acq On : 17 May 2024 13:07
Operator : MA/JU
Sample : P2482-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SW-03-229

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-BG043024.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	18.581	2650	2654	2657	rBV6	17826	21304	1.33%	0.116%
38	18.681	2666	2671	2675	rBV	51217	73351	4.58%	0.401%
39	18.722	2675	2678	2686	rVB2	50046	72752	4.54%	0.398%
40	18.804	2688	2692	2697	rBV3	10381	22007	1.37%	0.120%
41	18.928	2710	2713	2717	rVB3	16001	19845	1.24%	0.109%
42	18.981	2718	2722	2725	rVB2	17241	17759	1.11%	0.097%
43	19.022	2725	2729	2732	rVB3	14020	19208	1.20%	0.105%
44	19.069	2732	2737	2738	rBV5	21501	26644	1.66%	0.146%
45	19.098	2738	2742	2749	rVB2	28843	51316	3.21%	0.281%
46	19.239	2762	2766	2772	rVB2	36812	61151	3.82%	0.334%
47	19.363	2781	2787	2795	rBV	786416	1140566	71.25%	6.237%
48	19.462	2800	2804	2808	rVV2	36225	52303	3.27%	0.286%
49	19.509	2808	2812	2816	rVV2	67076	89359	5.58%	0.489%
50	19.556	2816	2820	2823	rVV6	15999	26486	1.65%	0.145%
51	19.609	2825	2829	2833	rVV	29176	49331	3.08%	0.270%
52	19.674	2835	2840	2841	rVV3	79094	118228	7.39%	0.647%
53	19.697	2841	2844	2845	rVV	185619	222165	13.88%	1.215%
54	19.727	2845	2849	2856	rVV	684584	1012431	63.25%	5.536%
55	19.797	2856	2861	2868	rVB3	46518	82070	5.13%	0.449%
56	19.927	2875	2883	2887	rBV	1238828	1600742	100.00%	8.754%
57	19.968	2887	2890	2896	rVB	45393	61663	3.85%	0.337%
58	20.185	2920	2927	2928	rVV4	37750	63005	3.94%	0.345%
59	20.220	2929	2933	2939	rVB	120022	176102	11.00%	0.963%
60	20.320	2945	2950	2954	rBV	87707	116905	7.30%	0.639%
61	20.379	2954	2960	2964	rVV3	66498	124298	7.77%	0.680%
62	20.414	2964	2966	2970	rVB2	23747	31037	1.94%	0.170%
63	20.514	2980	2983	2988	rBV	39090	52199	3.26%	0.285%
64	20.561	2988	2991	2995	rVB	43142	53927	3.37%	0.295%
65	20.814	3031	3034	3037	rBV5	16755	21710	1.36%	0.119%
66	20.972	3058	3061	3068	rVB	73907	109549	6.84%	0.599%
67	21.155	3085	3092	3095	rBV3	68668	137417	8.58%	0.751%
68	21.196	3096	3099	3102	rBV	46358	55675	3.48%	0.304%
69	21.301	3113	3117	3126	rVB2	69281	132585	8.28%	0.725%
70	21.401	3131	3134	3135	rBV3	14189	16207	1.01%	0.089%
71	21.560	3154	3161	3167	rBV3	480507	1243677	77.69%	6.801%
72	21.613	3167	3170	3180	rVB	352891	546776	34.16%	2.990%
73	21.760	3191	3195	3201	rBV	67158	110094	6.88%	0.602%
74	21.965	3225	3230	3236	rBV3	45860	94632	5.91%	0.517%
75	22.283	3280	3284	3290	rVB	60368	95407	5.96%	0.522%
76	23.705	3519	3526	3533	rBV	223356	702372	43.88%	3.841%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051724\
Data File : BG061236.D
Acq On : 17 May 2024 13:07
Operator : MA/JU
Sample : P2482-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SW-03-229

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-BG043024.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	24.410	3638	3646	3657	rVB	142068	423249	26.44%	2.314%
78	24.545	3662	3669	3679	rVB	200818	551456	34.45%	3.016%
79	24.692	3686	3694	3702	rBV	202403	559094	34.93%	3.057%
80	28.252	4291	4300	4316	rVB2	90743	407886	25.48%	2.230%

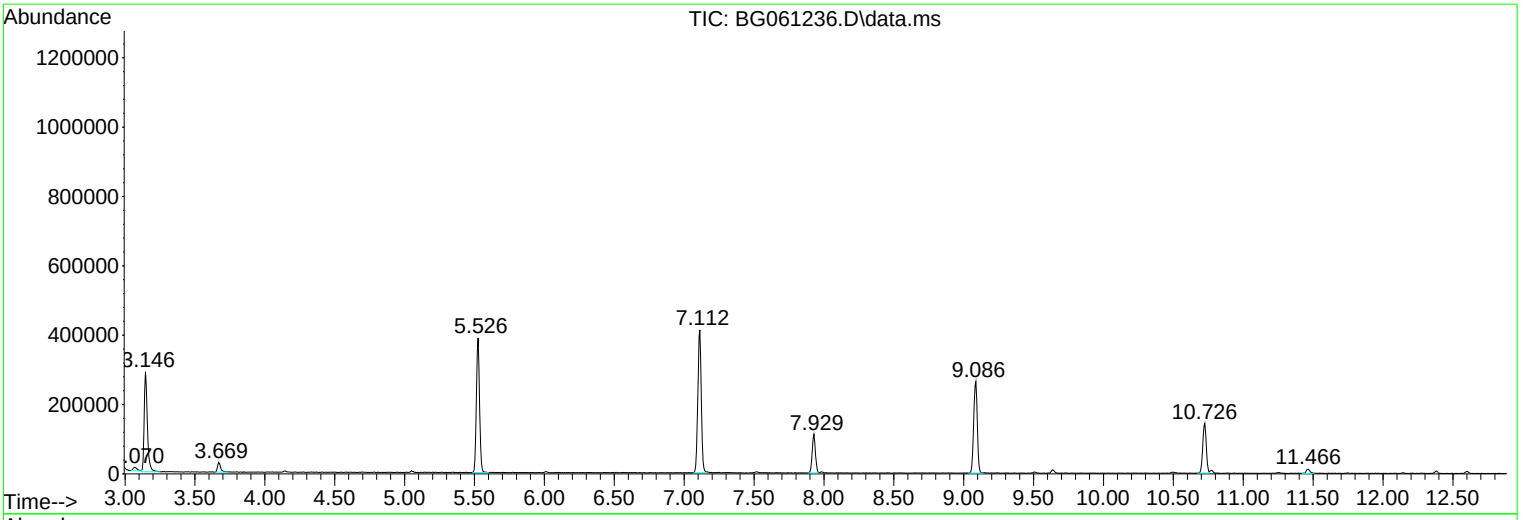
Sum of corrected areas: 18286873

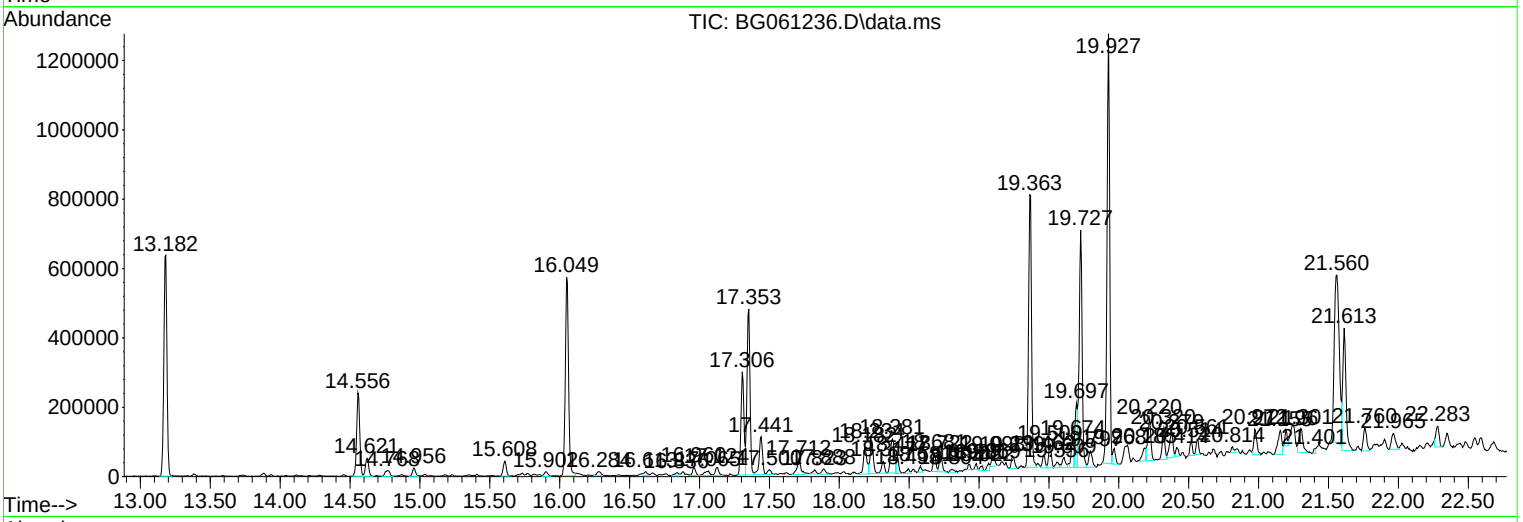
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051724\
Data File : BG061236.D
Acq On : 17 May 2024 13:07
Operator : MA/JU
Sample : P2482-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

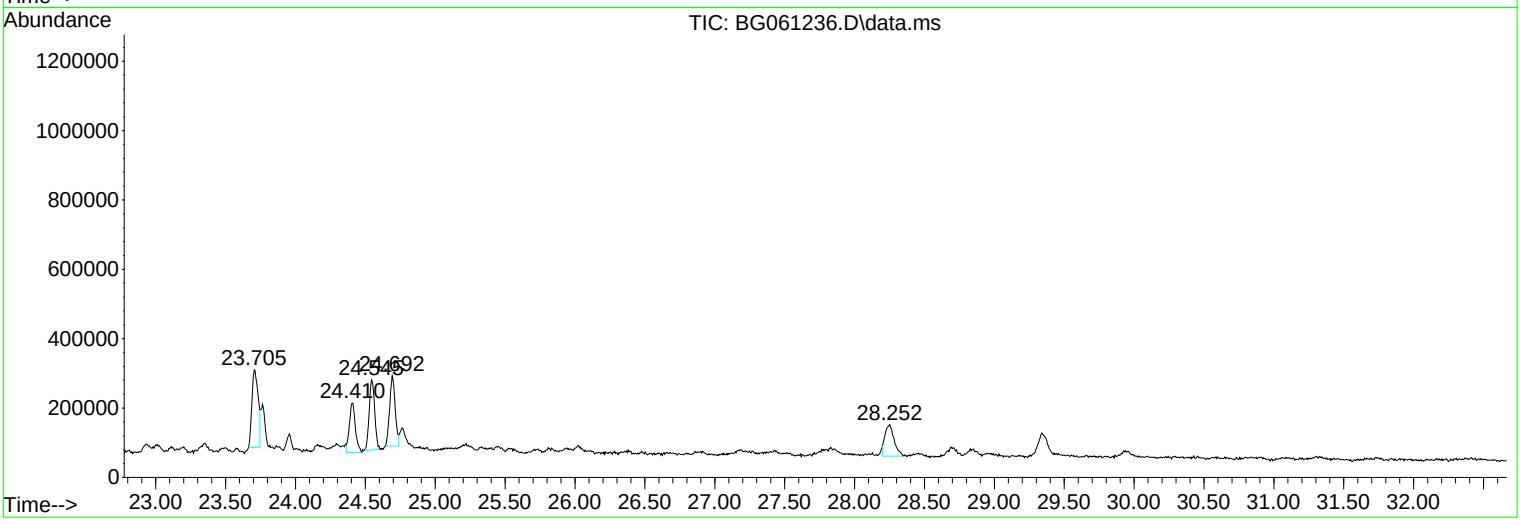
Instrument :
BNA_G
ClientSampleId :
SW-03-229

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.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\BG051724\
Data File : BG061236.D
Acq On : 17 May 2024 13:07
Operator : MA/JU
Sample : P2482-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SW-03-229

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

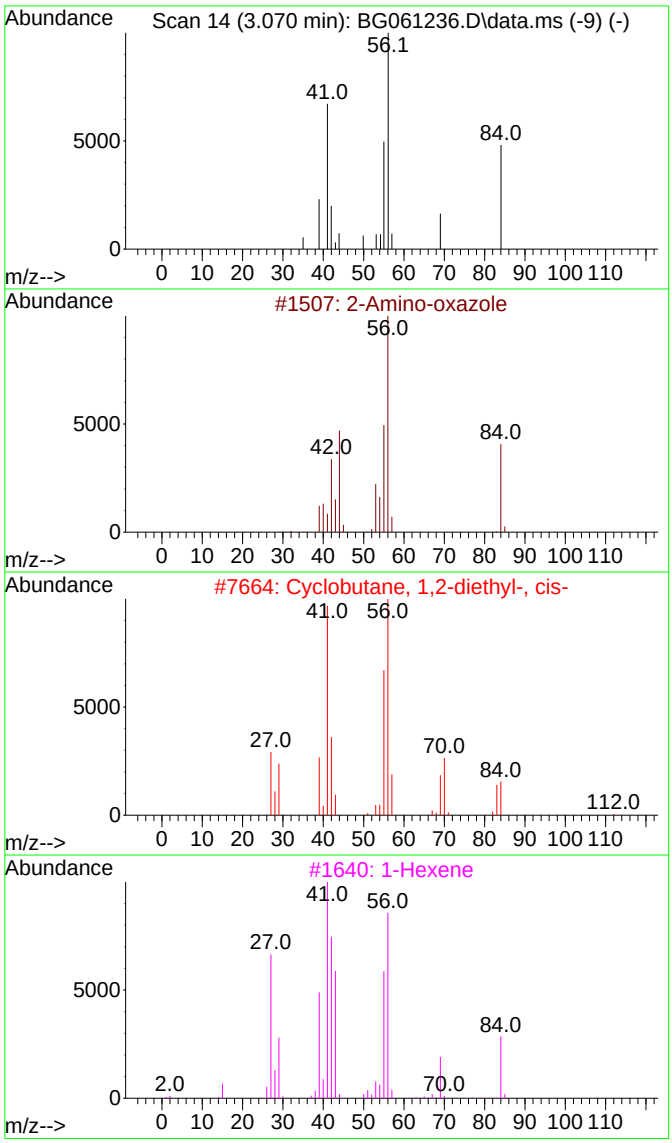
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

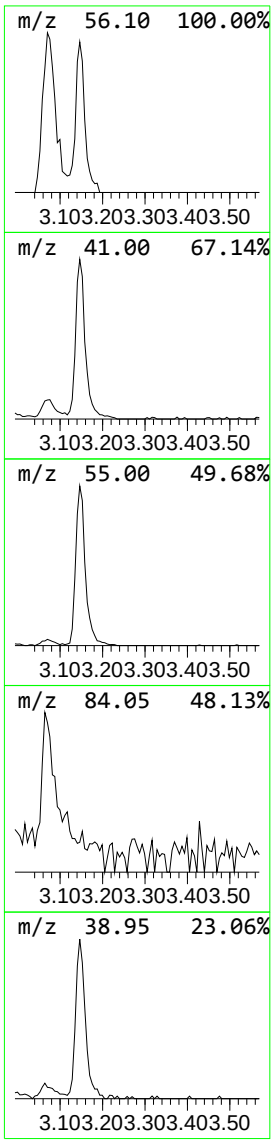
****

Peak Number 1 2-Amino-oxazole Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.070	2.21 ng	19823	1,4-Dichlorobenzene-d4	7.929

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Amino-oxazole	84	C3H4N2O	004570-45-0	72
2	Cyclobutane, 1,2-diethyl-, cis-	112	C8H16	061141-50-2	59
3	1-Hexene	84	C6H12	000592-41-6	50
4	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	45
5	Cyclobutane, ethyl-	84	C6H12	004806-61-5	42





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051724\
Data File : BG061236.D
Acq On : 17 May 2024 13:07
Operator : MA/JU
Sample : P2482-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SW-03-229

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

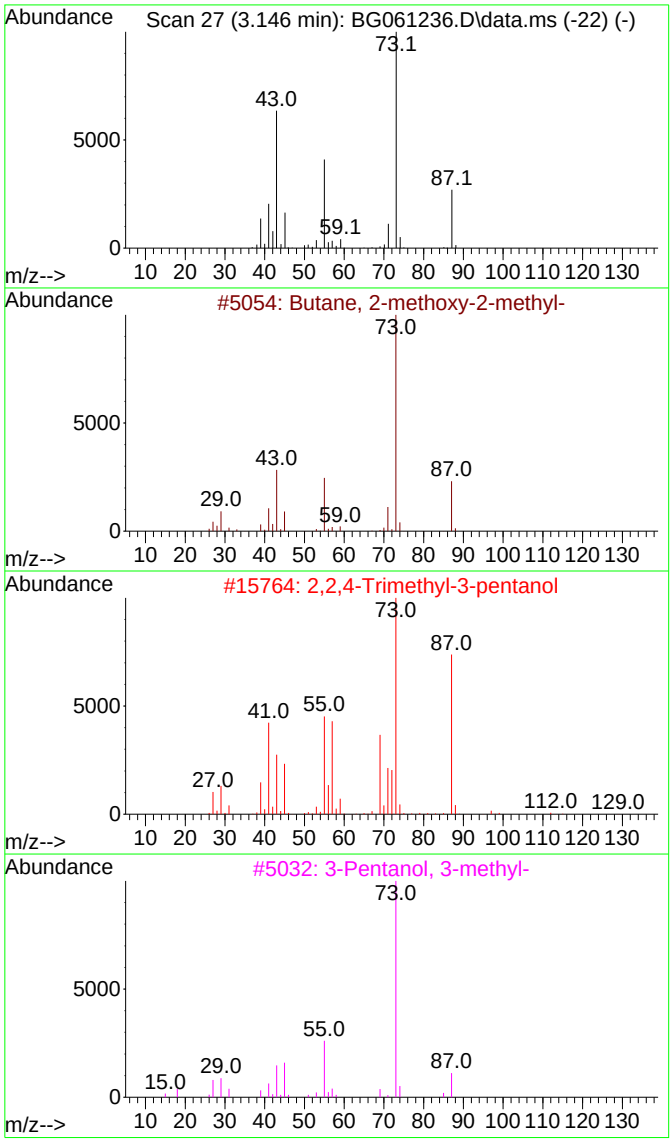
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

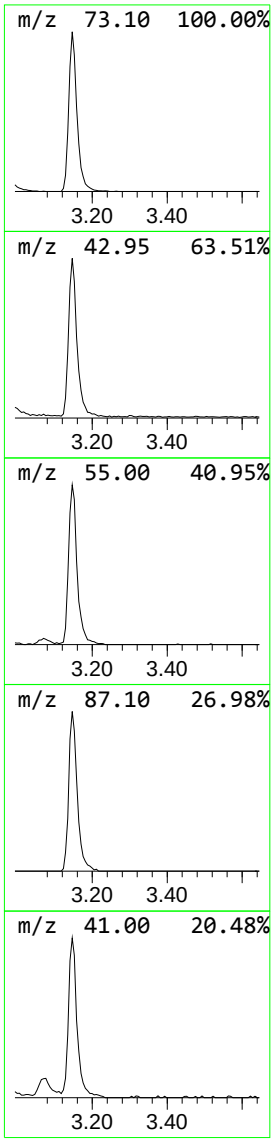
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.146	50.41 ng	451507	1,4-Dichlorobenzene-d4	7.929

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	28
4	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	17
5	Oxirane, [(hexyloxy)methyl]-	158	C9H18O2	005926-90-9	10





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051724\
Data File : BG061236.D
Acq On : 17 May 2024 13:07
Operator : MA/JU
Sample : P2482-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SW-03-229

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

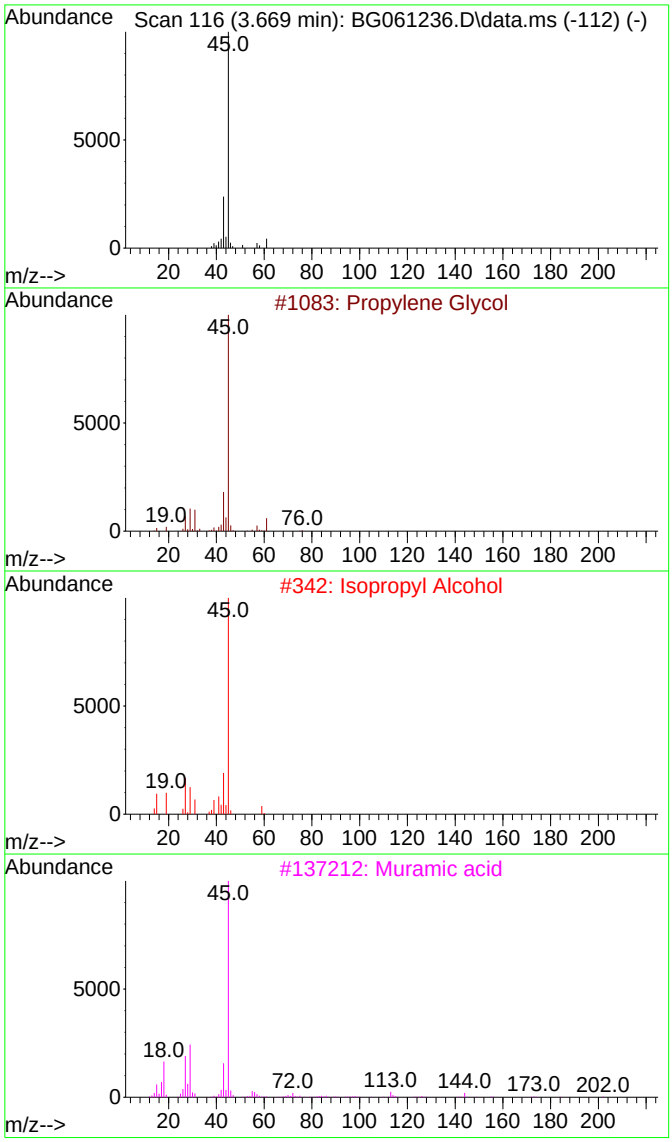
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

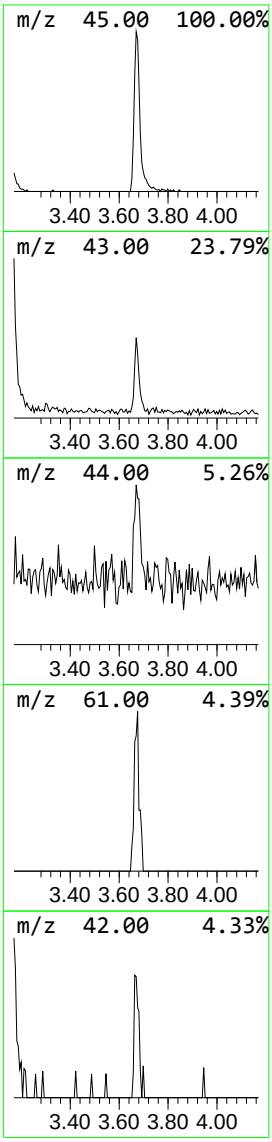
****

Peak Number 3 unknown3.669 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.669	5.21 ng	46646	1,4-Dichlorobenzene-d4	7.929

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propylene Glycol	76	C3H8O2	000057-55-6	9
2	Isopropyl Alcohol	60	C3H8O	000067-63-0	9
3	Muramic acid	251	C9H17NO7	001114-41-6	9
4	Formamide	45	CH3NO	000075-12-7	5
5	Methyltartronic acid	134	C4H6O5	000595-98-2	4





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051724\
Data File : BG061236.D
Acq On : 17 May 2024 13:07
Operator : MA/JU
Sample : P2482-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SW-03-229

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

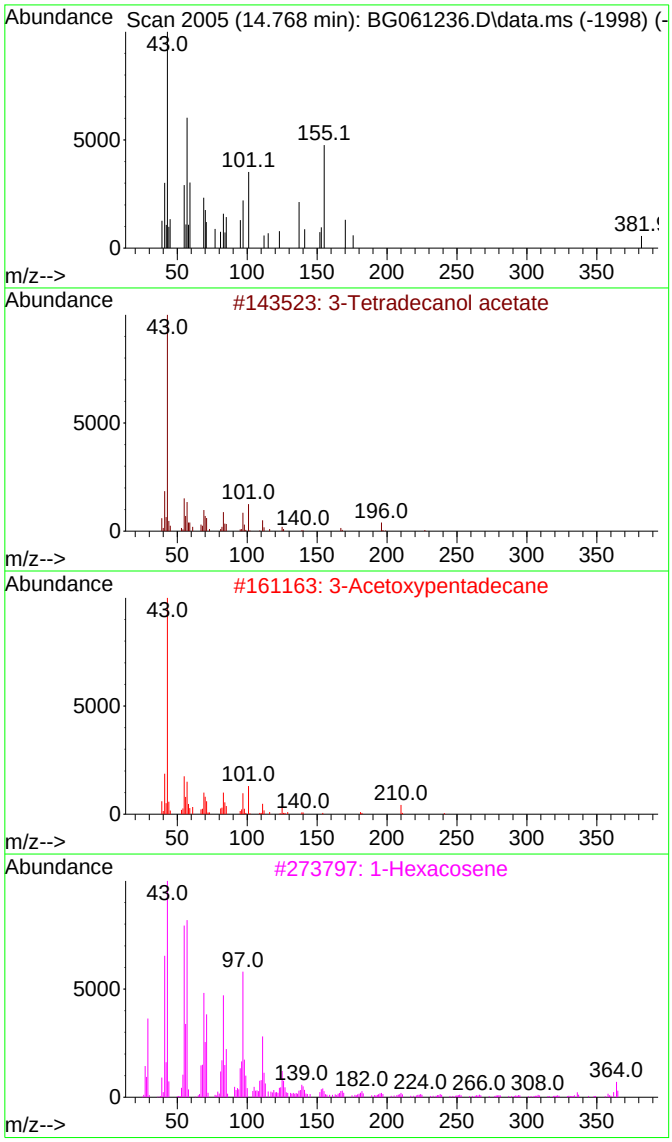
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

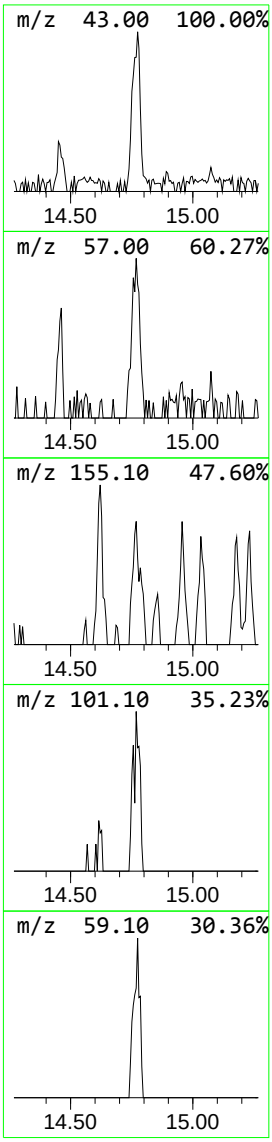
****

Peak Number 4 unknown14.768 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.768	2.09 ng	38631	Acenaphthene-d10	14.557

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Tetradecanol acetate	256	C16H32O2	051354-23-5	14
2	3-Acetoxypentadecane	270	C17H34O2	1000245-62-1	12
3	1-Hexacosene	364	C26H52	018835-33-1	10
4	Methyl tetratriacontyl ether	509	C35H72O	1000406-30-1	10
5	Decane, 1-bromo-	220	C10H21Br	000112-29-8	10





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051724\
Data File : BG061236.D
Acq On : 17 May 2024 13:07
Operator : MA/JU
Sample : P2482-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SW-03-229

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

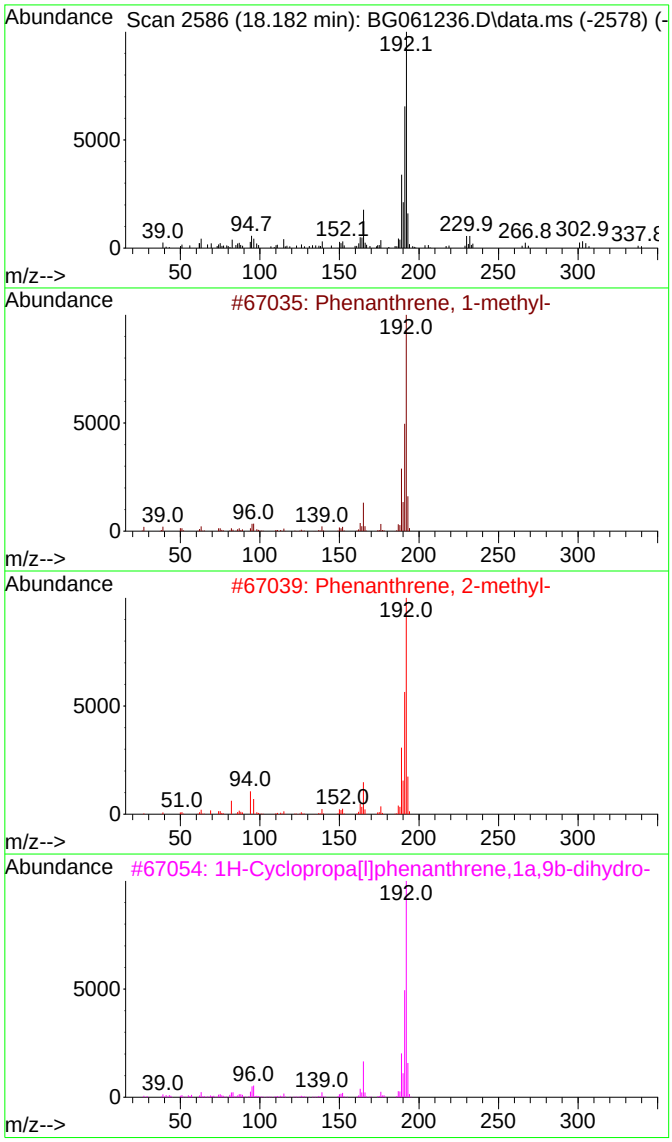
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

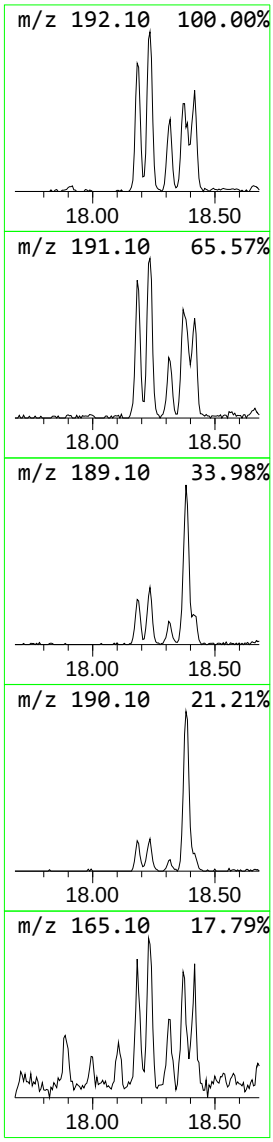
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.182	6.05 ng	142288	Phenanthrene-d10	17.306

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051724\
Data File : BG061236.D
Acq On : 17 May 2024 13:07
Operator : MA/JU
Sample : P2482-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SW-03-229

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

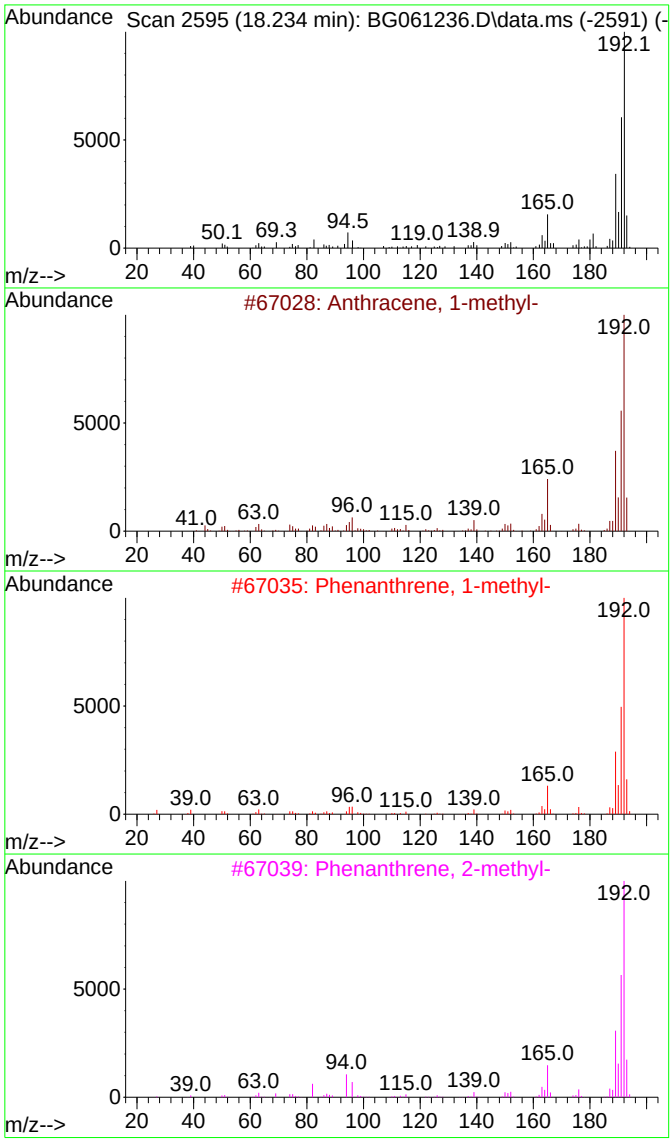
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

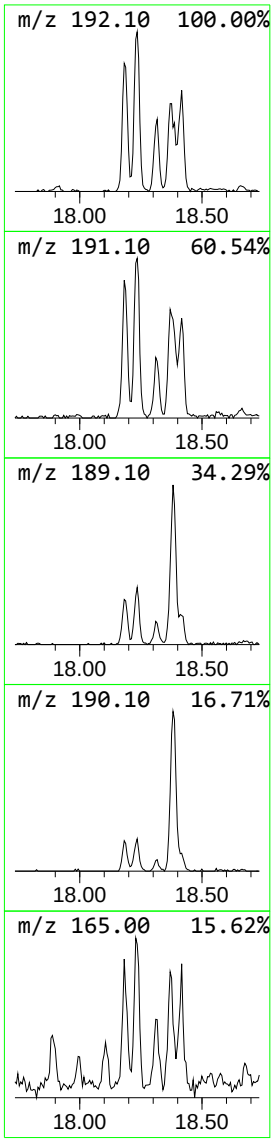
****

Peak Number 7 Anthracene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.235	6.19 ng	145662	Phenanthrene-d10	17.306

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91





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Acq On : 17 May 2024 13:07
Operator : MA/JU
Sample : P2482-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SW-03-229

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

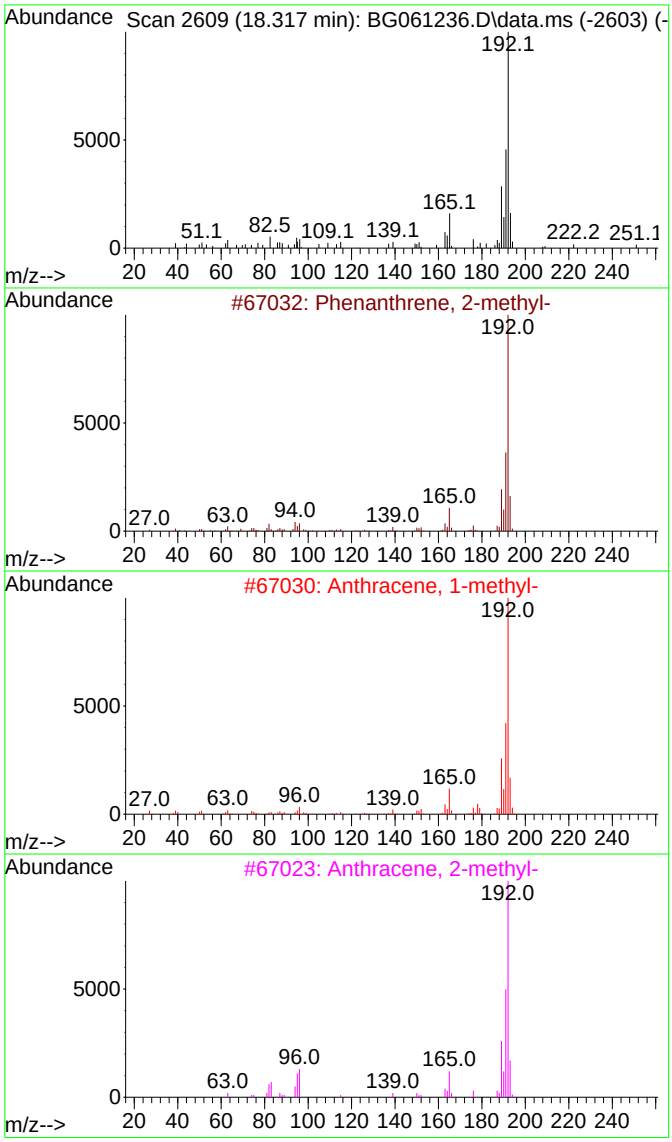
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

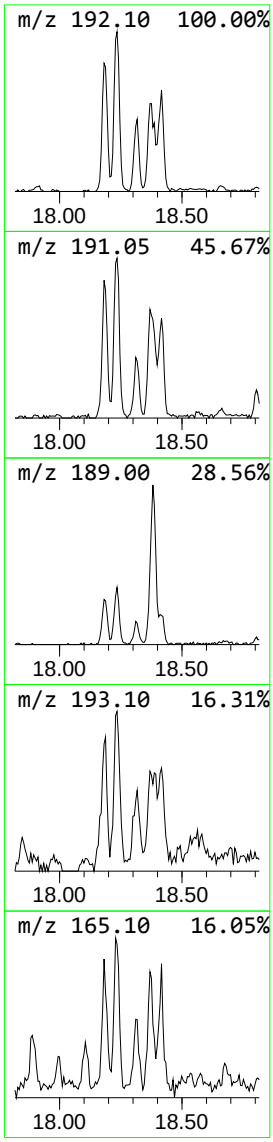
****

Peak Number 8 Phenanthrene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.317	2.26 ng	53203	Phenanthrene-d10	17.306

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





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Operator : MA/JU
Sample : P2482-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SW-03-229

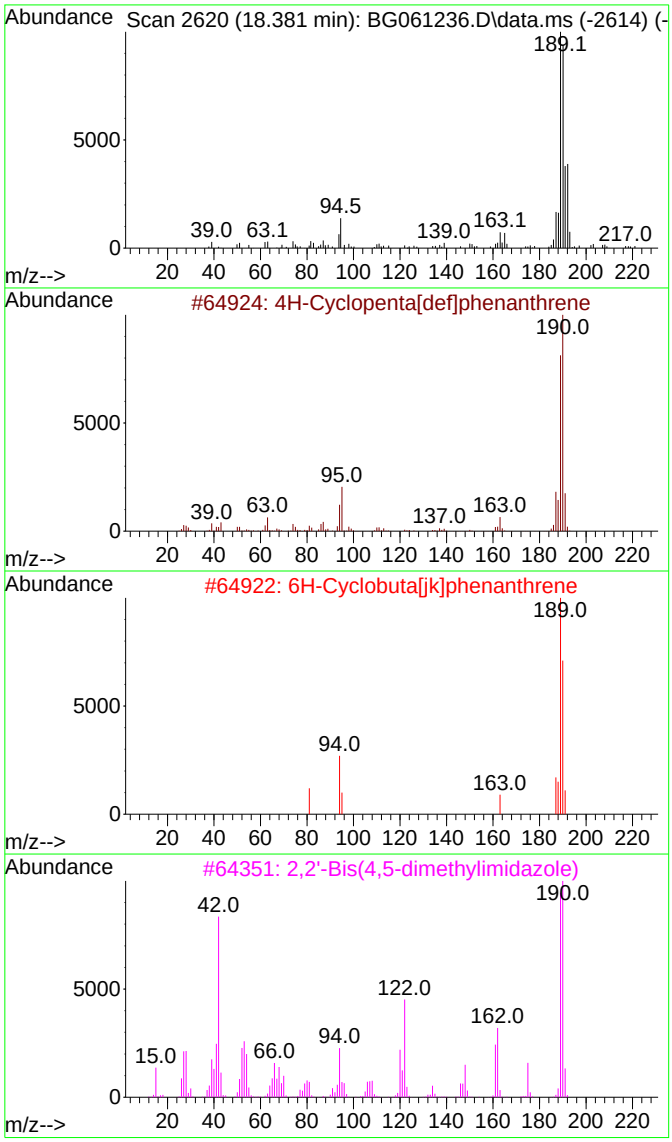
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

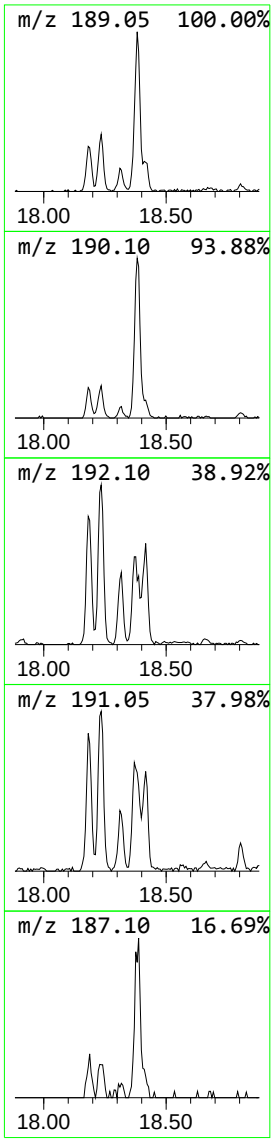
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.381	8.38 ng	197167	Phenanthrene-d10	17.306

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	42
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42
4	2,4(1H,3H)-Pyrimidinedione, 5-br...	190	C4H3BrN2O2	000051-20-7	32
5	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	23





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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SW-03-229

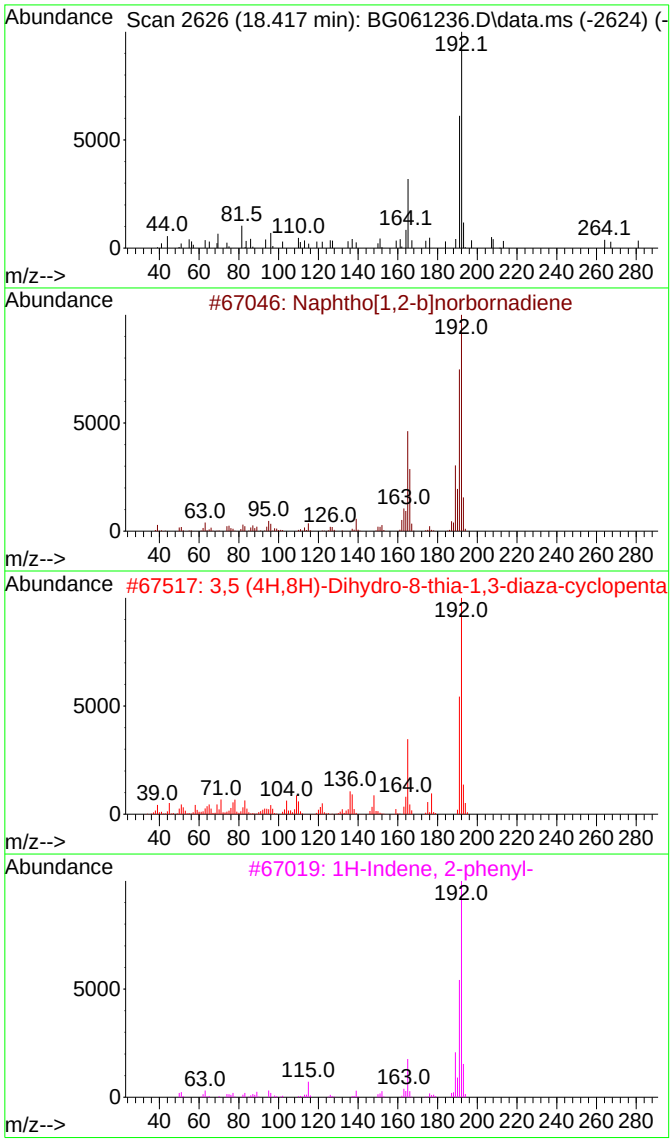
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

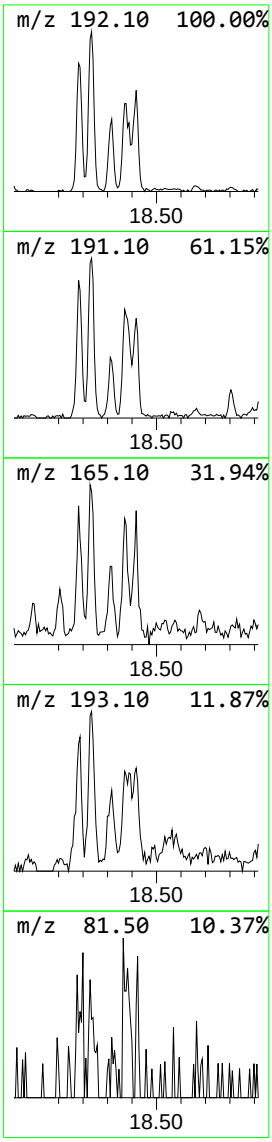
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Naphtho[1,2-b]norbornadiene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.417	2.44 ng	57327	Phenanthrene-d10	17.306

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	72
2	3,5 (4H,8H)-Dihydro-8-thia-1,3-d...	192	C9H8N2OS	014346-25-9	72
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	64
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	64
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	64





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Sample : P2482-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SW-03-229

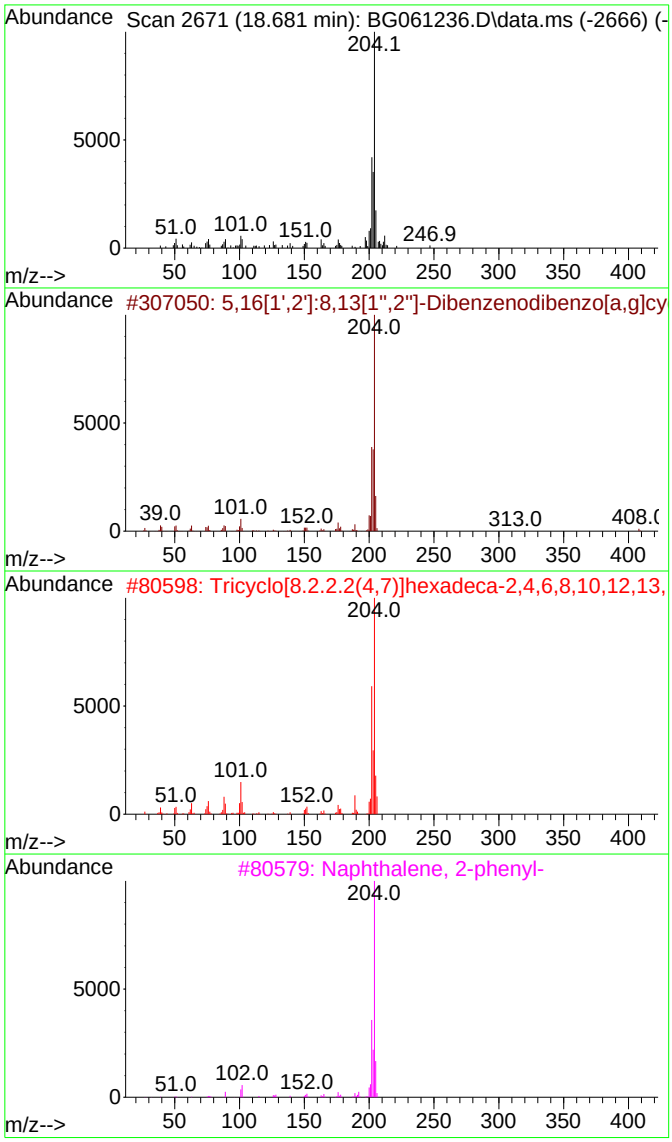
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

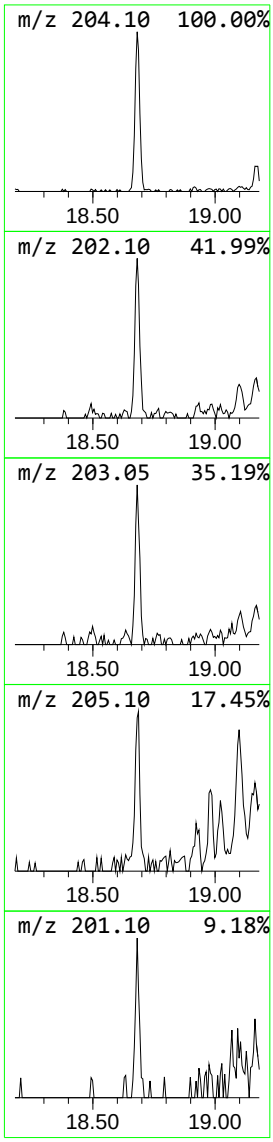
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.681	3.12 ng	73351	Phenanthrene-d10	17.306

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	64
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	55
5	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	49





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Sample : P2482-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SW-03-229

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

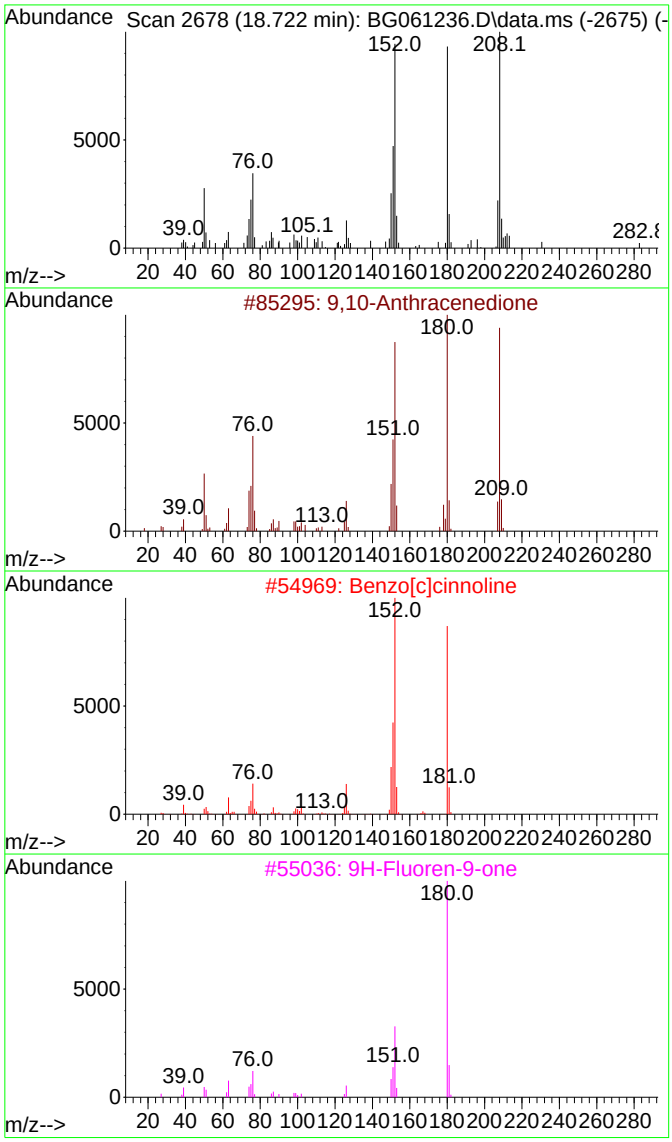
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

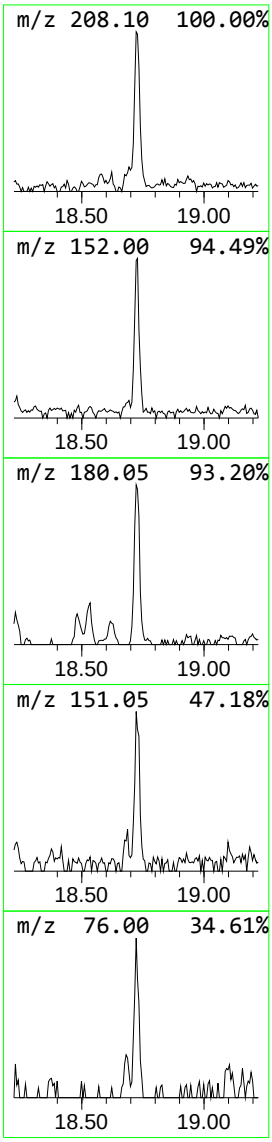
****

Peak Number 12 9,10-Anthracenedione Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.722	3.09 ng	72752	Phenanthrene-d10	17.306

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	91
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	83
4	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	64
5	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	58





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Operator : MA/JU
Sample : P2482-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SW-03-229

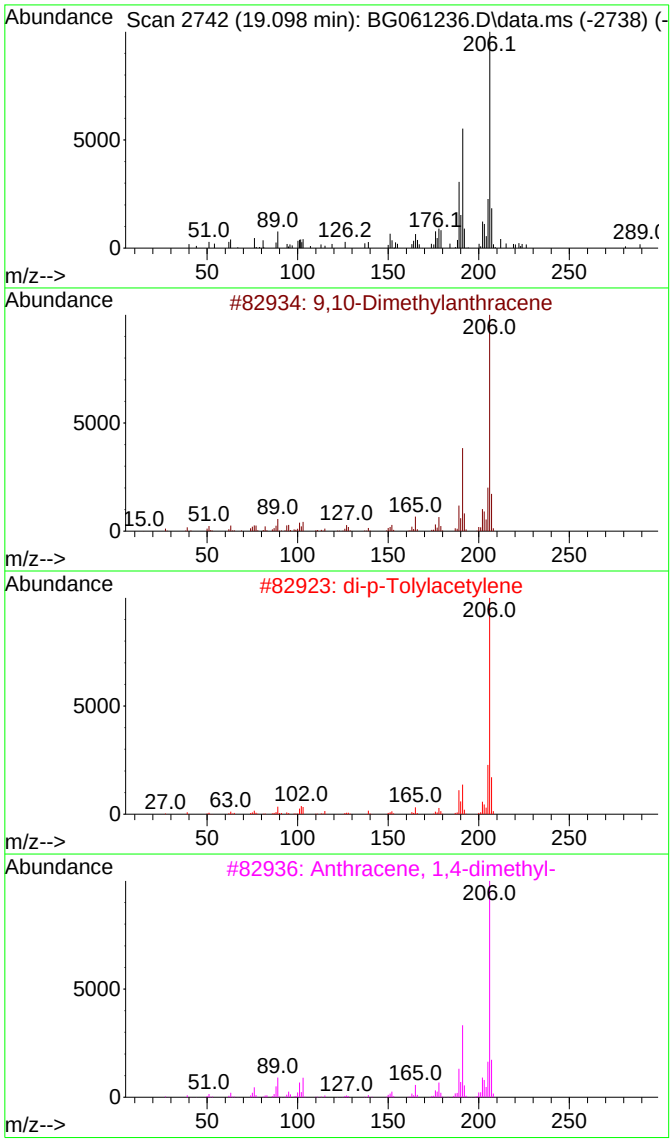
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

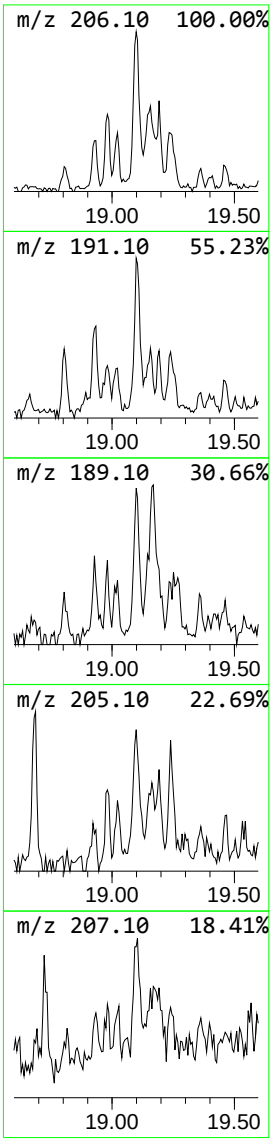
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 9,10-Dimethylanthracene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.098	2.18 ng	51316	Phenanthrene-d10	17.306

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	94
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
3	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	93
4	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
5	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	93





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Operator : MA/JU
Sample : P2482-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SW-03-229

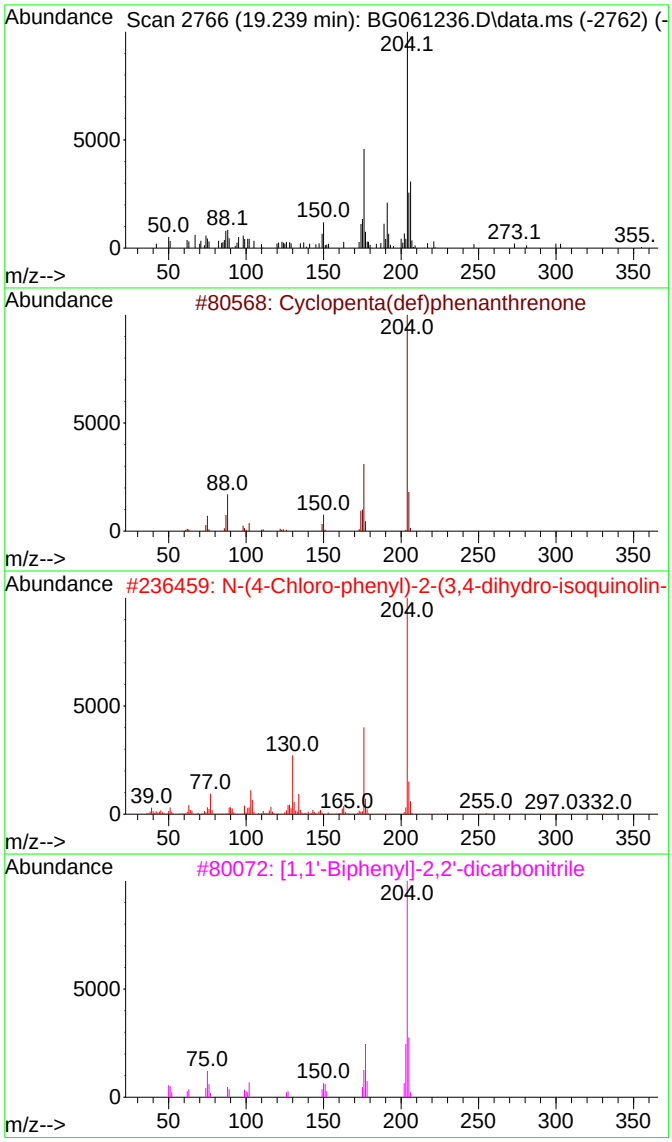
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

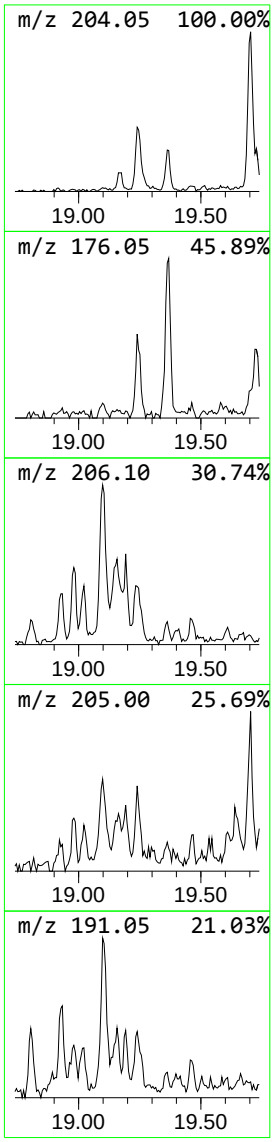
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Cyclopenta(def)phenanthrenone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.239	2.60 ng	61151	Phenanthrene-d10	17.306

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	76
2	N-(4-Chloro-phenyl)-2-(3,4-dihyd...	330	C17H15ClN2OS	1010296-34-3	47
3	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	46
4	Tricyclo[5.1.0.0(2,4)]octane, 5-...	247	C17H29N	1000063-59-3	43
5	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	43





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Sample : P2482-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SW-03-229

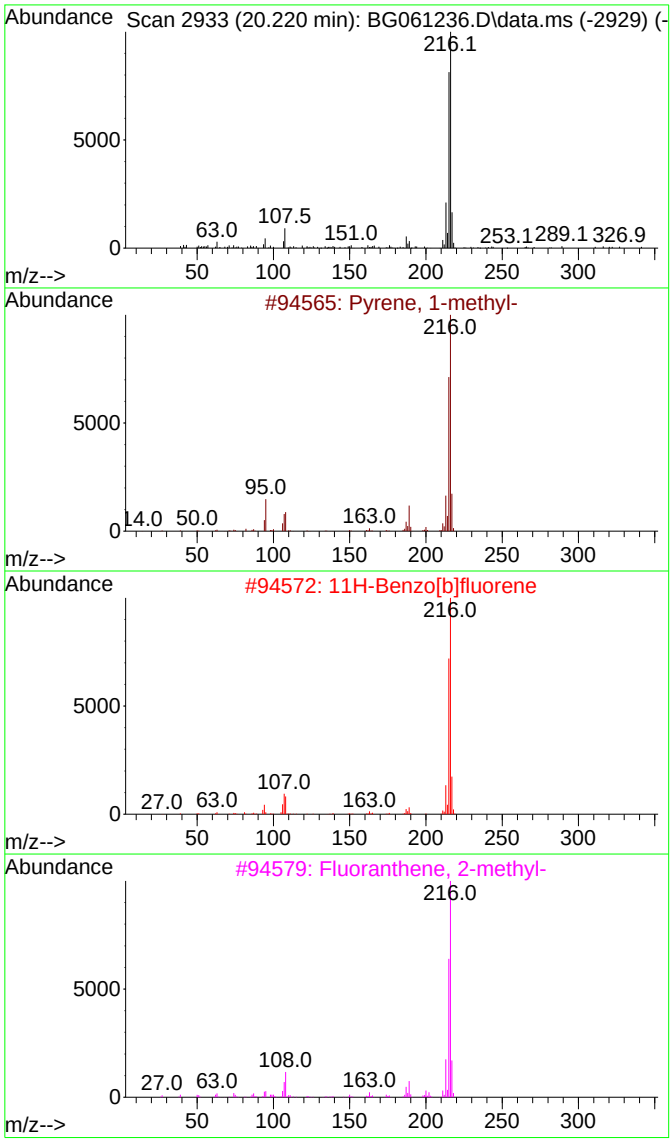
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

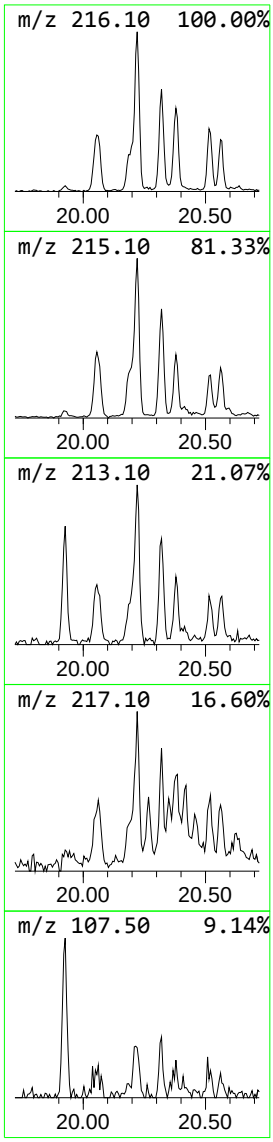
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Pyrene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.220	2.83 ng	176102	Chrysene-d12	21.566

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
4	6H-Thiazolo[5,4-e]indole, 2,7,8-...	216	C12H12N2S	1000338-32-0	64
5	3-Trifluoromethylcinnamic acid	216	C10H7F3O2	000779-89-5	64





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Sample : P2482-04
Misc :
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Instrument :
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ClientSampleId :
SW-03-229

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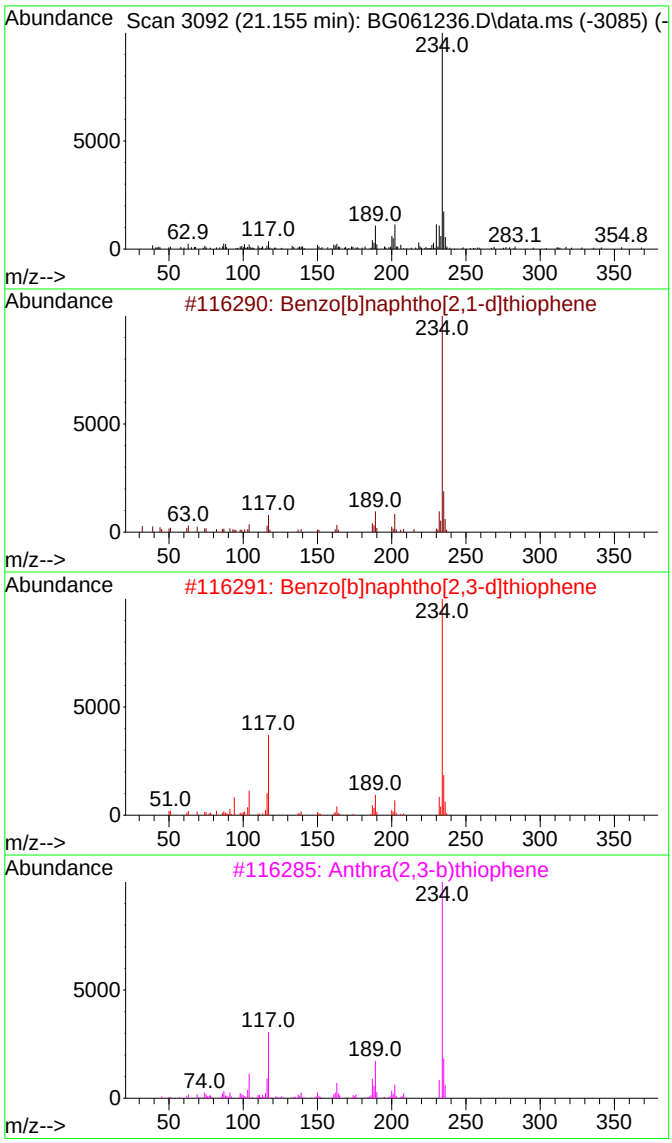
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

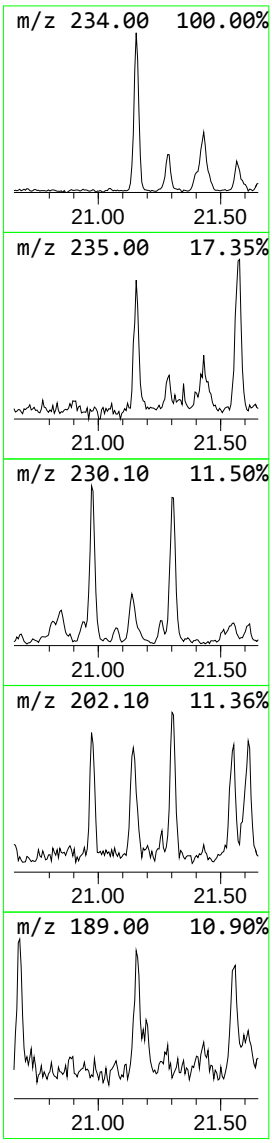
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.155	2.21 ng	137417	Chrysene-d12	21.566

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	93
2	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	90
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	74
5	Benzenamine, 2-ethyl-N-(4,4-dime...	234	C13H18N2S	1000272-26-2	58





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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SW-03-229

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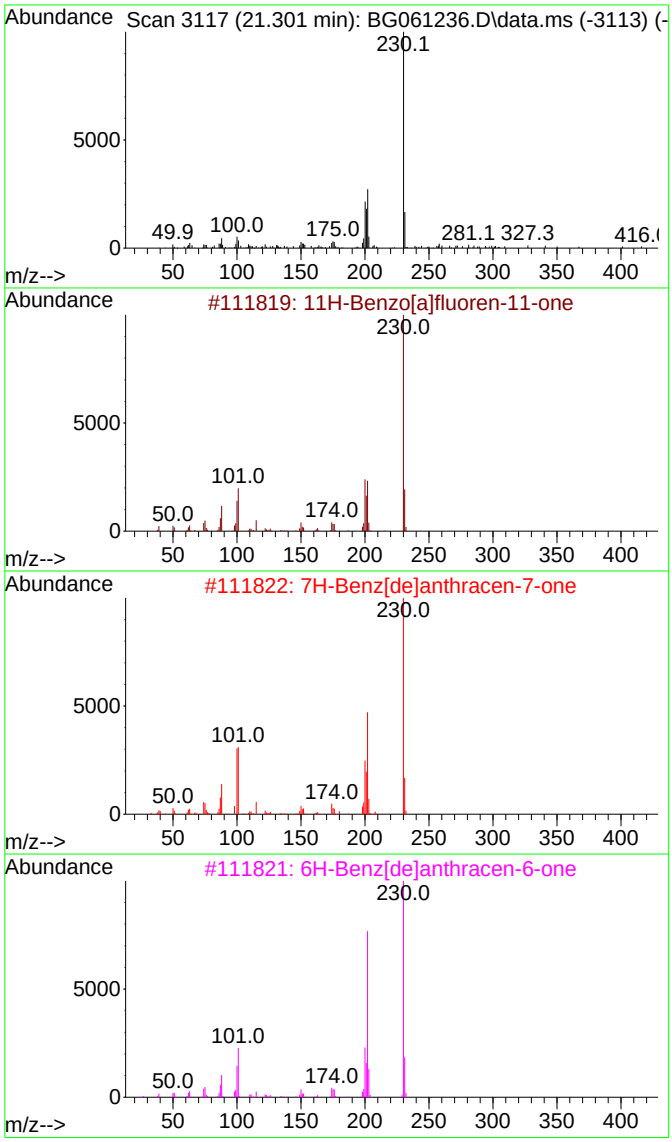
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

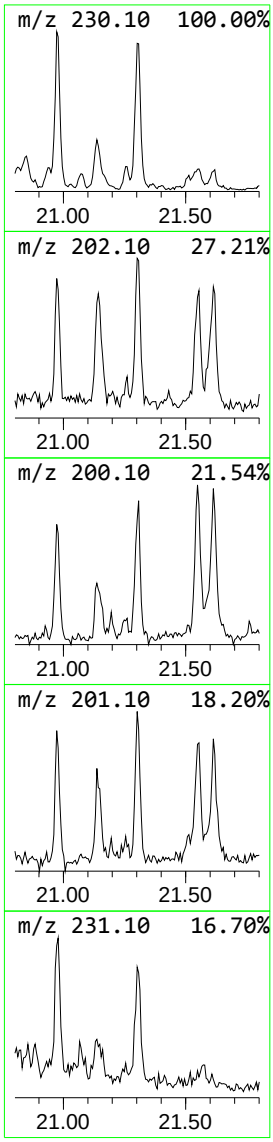
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 11H-Benzo[a]fluoren-11-one Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.302	2.13 ng	132585	Chrysene-d12	21.566

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	90
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	80
3	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	64
4	.delta.(sup1),.alpha.-Acenaphthe...	230	C15H6N2O	014619-86-4	62
5	4-Pyrenecarbaldehyde	230	C17H10O	022245-51-8	56





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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

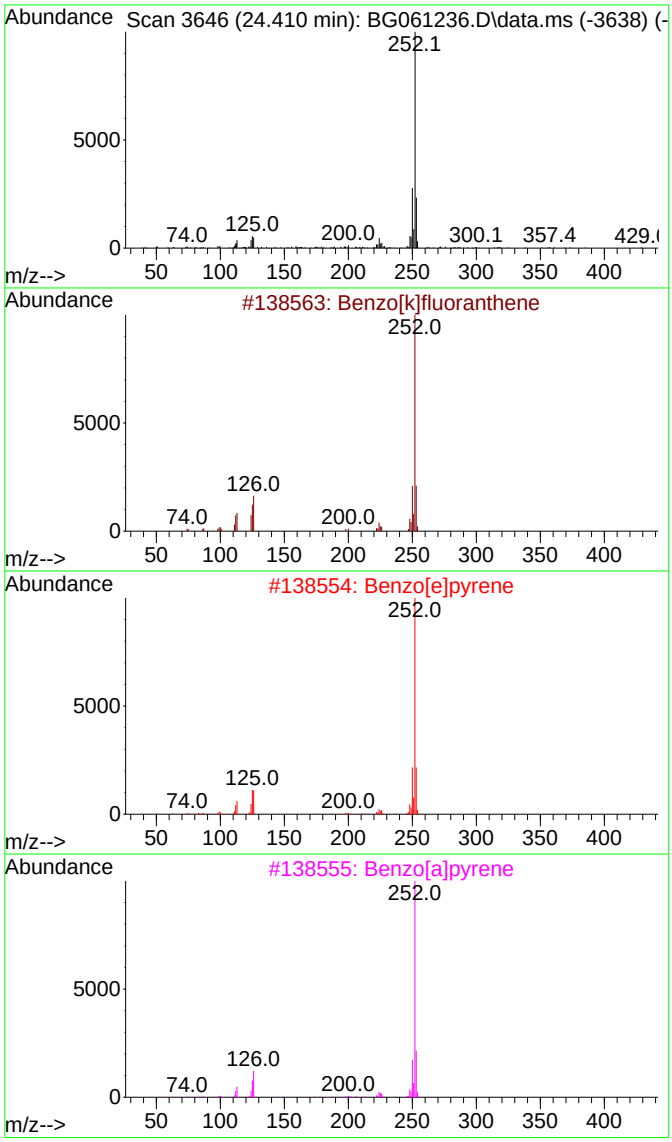
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

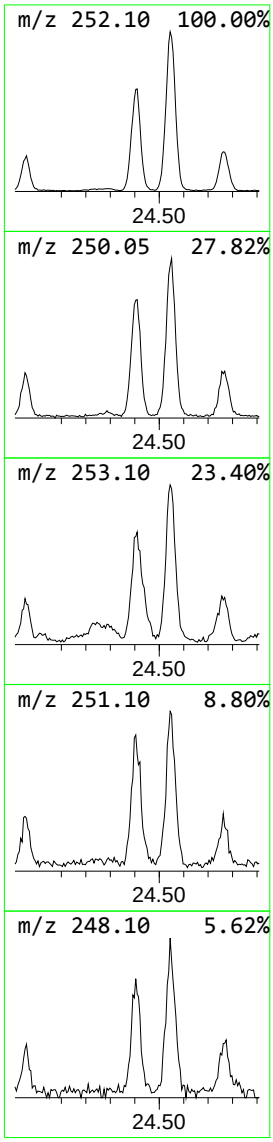
****

Peak Number 18 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.410	15.14 ng	423249	Perylene-d12	24.692

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
2	Benzo[e]pyrene	252	C20H12	000192-97-2	93
3	Benzo[a]pyrene	252	C20H12	000050-32-8	93
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	91
5	Perylene	252	C20H12	000198-55-0	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051724\
Data File : BG061236.D
Acq On : 17 May 2024 13:07
Operator : MA/JU
Sample : P2482-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SW-03-229

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.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-Amino-oxazole	3.070	2.2	ng	19823	1	7.929	179134	20.0
Butane, 2-metho...	3.146	50.4	ng	451507	1	7.929	179134	20.0
unknown3.669	3.669	5.2	ng	46646	1	7.929	179134	20.0
unknown14.768	14.768	2.1	ng	38631	3	14.557	369858	20.0
Phenanthrene, 1...	18.182	6.0	ng	142288	4	17.306	470613	20.0
Anthracene, 1-m...	18.235	6.2	ng	145662	4	17.306	470613	20.0
Phenanthrene, 2...	18.317	2.3	ng	53203	4	17.306	470613	20.0
4H-Cyclopenta[d...	18.381	8.4	ng	197167	4	17.306	470613	20.0
Naphtho[1,2-b]n...	18.417	2.4	ng	57327	4	17.306	470613	20.0
5,16[1',2']:8,1...	18.681	3.1	ng	73351	4	17.306	470613	20.0
9,10-Anthracene...	18.722	3.1	ng	72752	4	17.306	470613	20.0
9,10-Dimethylan...	19.098	2.2	ng	51316	4	17.306	470613	20.0
Cyclopenta(def)...	19.239	2.6	ng	61151	4	17.306	470613	20.0
Pyrene, 1-methyl-	20.220	2.8	ng	176102	5	21.566	1243680	20.0
Benzo[b]naphtho...	21.155	2.2	ng	137417	5	21.566	1243680	20.0
11H-Benzo[a]flu...	21.302	2.1	ng	132585	5	21.566	1243680	20.0
Benzo[e]pyrene	24.410	15.1	ng	423249	6	24.692	559094	20.0