LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062823\
Data File : BG057888.D
Acq On : 28 Jun 2023 11:47
Operator : CG/JU
Sample : 03366-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB37

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-BG062723.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG057888.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.491	401	409	418	rBV	731008	1159517	10.68%	0.818%
2	7.077	670	679	694	rBV	744751	1276809	11.76%	0.900%
3	7.917	813	822	830	rBV	164959	278048	2.56%	0.196%
4	9.075	1012	1019	1028	rBV	433672	769374	7.09%	0.543%
5	10.720	1290	1299	1303	rBV	241126	438099	4.03%	0.309%
6	10.773	1303	1308	1316	rVB	427992	748155	6.89%	0.528%
7	12.377	1574	1581	1589	rBV	189845	307556	2.83%	0.217%
8	12.594	1609	1618	1627	rVB	98117	170305	1.57%	0.120%
9	13.176	1710	1717	1726	rVB	1055687	1604020	14.77%	1.131%
10	13.875	1827	1836	1841	rBV	65401	123781	1.14%	0.087%
11	14.556	1942	1952	1957	rBV	400161	674621	6.21%	0.476%
12	14.621	1957	1963	1969	rVV	1028197	1569634	14.45%	1.107%
13	14.862	1995	2004	2009	rVV2	83888	142669	1.31%	0.101%
14	14.950	2013	2019	2027	rVB	432184	662468	6.10%	0.467%
15	15.602	2123	2130	2140	rVB	808908	1233210	11.36%	0.870%
16	15.726	2147	2151	2154	rVV	119251	205029	1.89%	0.145%
17	15.761	2154	2157	2162	rVV	171756	251100	2.31%	0.177%
18	15.849	2168	2172	2176	rVV2	105574	174820	1.61%	0.123%
19	15.908	2176	2182	2188	rVB3	288818	549913	5.06%	0.388%
20	16.043	2198	2205	2212	rVB	1154357	1852805	17.06%	1.306%
21	16.390	2256	2264	2271	rBV	161730	270795	2.49%	0.191%
22	16.601	2296	2300	2305	rVV2	154802	254244	2.34%	0.179%
23	16.954	2356	2360	2367	rVB3	64273	115727	1.07%	0.082%
24	17.054	2367	2377	2383	rBV2	284361	574164	5.29%	0.405%
25	17.118	2383	2388	2396	rVB	338570	531046	4.89%	0.374%
26	17.300	2413	2419	2422	rBV	521440	857997	7.90%	0.605%
27	17.353	2422	2428	2433	rVV	4315959	7468636	68.78%	5.266%
28	17.435	2433	2442	2447	rVV	1533351	2420921	22.29%	1.707%
29	17.488	2447	2451	2457	rVB	307912	463908	4.27%	0.327%
30	17.706	2476	2488	2498	rBV2	1001354	1900771	17.50%	1.340%
31	18.017	2537	2541	2551	rVB2	63647	132601	1.22%	0.094%
32	18.176	2558	2568	2572	rBV	647818	1225747	11.29%	0.864%
33	18.223	2572	2576	2583	rVV	925690	1457334	13.42%	1.028%
34	18.305	2583	2590	2595	rVV	403912	669911	6.17%	0.472%
35	18.375	2595	2602	2606	rVV4	1114792	2138530	19.69%	1.508%
36	18.405	2606	2607	2613	rVV	408277	421011	3.88%	0.297%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062823\
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Operator : CG/JU
Sample : 03366-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB37

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-BG062723.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	18.475	2614	2619	2623	rVV	119632	211061	1.94%	0.149%
38	18.516	2623	2626	2630	rVV2	141683	195188	1.80%	0.138%
39	18.611	2638	2642	2646	rVV4	100518	170140	1.57%	0.120%
40	18.675	2647	2653	2657	rVV	477344	718304	6.61%	0.506%
41	18.716	2657	2660	2664	rVB2	120155	162707	1.50%	0.115%
42	18.922	2691	2695	2698	rVV2	166649	233638	2.15%	0.165%
43	18.969	2699	2703	2706	rVV	133410	188306	1.73%	0.133%
44	19.004	2706	2709	2713	rVB	126295	168513	1.55%	0.119%
45	19.086	2718	2723	2730	rBV2	266225	554073	5.10%	0.391%
46	19.157	2730	2735	2738	rBV3	172765	264336	2.43%	0.186%
47	19.233	2744	2748	2756	rVB5	127143	315530	2.91%	0.222%
48	19.368	2763	2771	2776	rBV	5342407	9564969	88.08%	6.745%
49	19.457	2782	2786	2790	rVB	184445	246706	2.27%	0.174%
50	19.498	2790	2793	2797	rVB2	89922	128209	1.18%	0.090%
51	19.551	2797	2802	2804	rBV4	85165	146131	1.35%	0.103%
52	19.598	2805	2810	2815	rVB2	218423	339501	3.13%	0.239%
53	19.733	2821	2833	2839	rBV3	4632130	10858914	100.00%	7.657%
54	19.786	2839	2842	2850	rVB2	395398	607720	5.60%	0.429%
55	19.915	2855	2864	2868	rVV2	1642241	2852934	26.27%	2.012%
56	19.956	2868	2871	2876	rVB	491396	670392	6.17%	0.473%
57	20.038	2879	2885	2891	rBV2	485535	1242273	11.44%	0.876%
58	20.097	2891	2895	2900	rVV	232665	297112	2.74%	0.210%
59	20.173	2901	2908	2909	rVV2	374442	678262	6.25%	0.478%
60	20.215	2910	2915	2919	rVB	1831502	2715998	25.01%	1.915%
61	20.314	2926	2932	2936	rBV	1805769	2662427	24.52%	1.877%
62	20.367	2936	2941	2945	rVV2	700800	1406439	12.95%	0.992%
63	20.408	2945	2948	2951	rVV	497662	646828	5.96%	0.456%
64	20.444	2951	2954	2959	rVV2	172615	270907	2.49%	0.191%
65	20.508	2961	2965	2968	rVV	397649	544653	5.02%	0.384%
66	20.555	2968	2973	2981	rVB2	472913	794025	7.31%	0.560%
67	20.732	2998	3003	3006	rBV2	232522	320715	2.95%	0.226%
68	20.802	3011	3015	3017	rVV4	232250	367585	3.39%	0.259%
69	20.831	3017	3020	3025	rVB2	276511	519515	4.78%	0.366%
70	20.920	3030	3035	3040	rBV	318875	675809	6.22%	0.477%
71	20.967	3040	3043	3049	rVB3	258245	437560	4.03%	0.309%
72	21.149	3066	3074	3077	rBV	697683	1195111	11.01%	0.843%
73	21.190	3077	3081	3085	rVV2	683247	1270311	11.70%	0.896%
74	21.237	3085	3089	3094	rVB2	582984	1049015	9.66%	0.740%
75	21.419	3112	3120	3128	rBV	234564	659266	6.07%	0.465%
76	21.548	3131	3142	3148	rVV3	3802578	8949942	82.42%	6.311%

LSC Area Percent Report

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Acq On : 28 Jun 2023 11:47
Operator : CG/JU
Sample : 03366-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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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
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Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG062723.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	21.619	3148	3154	3164	rVB	3334451	6450474	59.40%	4.548%
78	21.754	3172	3177	3185	rBV	737534	1320250	12.16%	0.931%
79	21.895	3196	3201	3206	rVB	499111	866282	7.98%	0.611%
80	21.960	3206	3212	3219	rBV3	678108	1360616	12.53%	0.959%
81	22.142	3239	3243	3247	rBV3	127761	242770	2.24%	0.171%
82	22.200	3249	3253	3257	rVV	239845	463604	4.27%	0.327%
83	22.277	3258	3266	3271	rVV	708811	1659885	15.29%	1.170%
84	22.347	3273	3278	3287	rVB3	472745	1080554	9.95%	0.762%
85	22.482	3297	3301	3307	rVB2	365192	658369	6.06%	0.464%
86	22.547	3307	3312	3315	rVV	375252	699818	6.44%	0.493%
87	22.594	3315	3320	3328	rVB3	615797	1266209	11.66%	0.893%
88	22.682	3328	3335	3347	rVB5	304441	834237	7.68%	0.588%
89	23.358	3444	3450	3458	rBV2	243020	616746	5.68%	0.435%
90	23.746	3502	3516	3522	rBV	2291989	8705762	80.17%	6.139%
91	23.975	3548	3555	3563	rBV	546697	1325477	12.21%	0.935%
92	24.175	3583	3589	3592	rBV2	180217	395416	3.64%	0.279%
93	24.445	3625	3635	3648	rVB	1396134	4530088	41.72%	3.194%
94	24.598	3649	3661	3671	rVV	2169772	6503377	59.89%	4.586%
95	24.727	3676	3683	3689	rVV2	338610	1028133	9.47%	0.725%
96	24.803	3689	3696	3710	rVB2	732408	2407975	22.18%	1.698%
97	26.072	3906	3912	3921	rVB	195052	497337	4.58%	0.351%
98	28.364	4286	4302	4322	rVB4	887439	4959237	45.67%	3.497%
99	28.793	4368	4375	4388	rVB2	199537	800784	7.37%	0.565%
100	29.486	4478	4493	4505	rBV	558636	2748937	25.32%	1.938%

Sum of corrected areas: 141818638

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062823\
Data File : BG057888.D
Acq On : 28 Jun 2023 11:47
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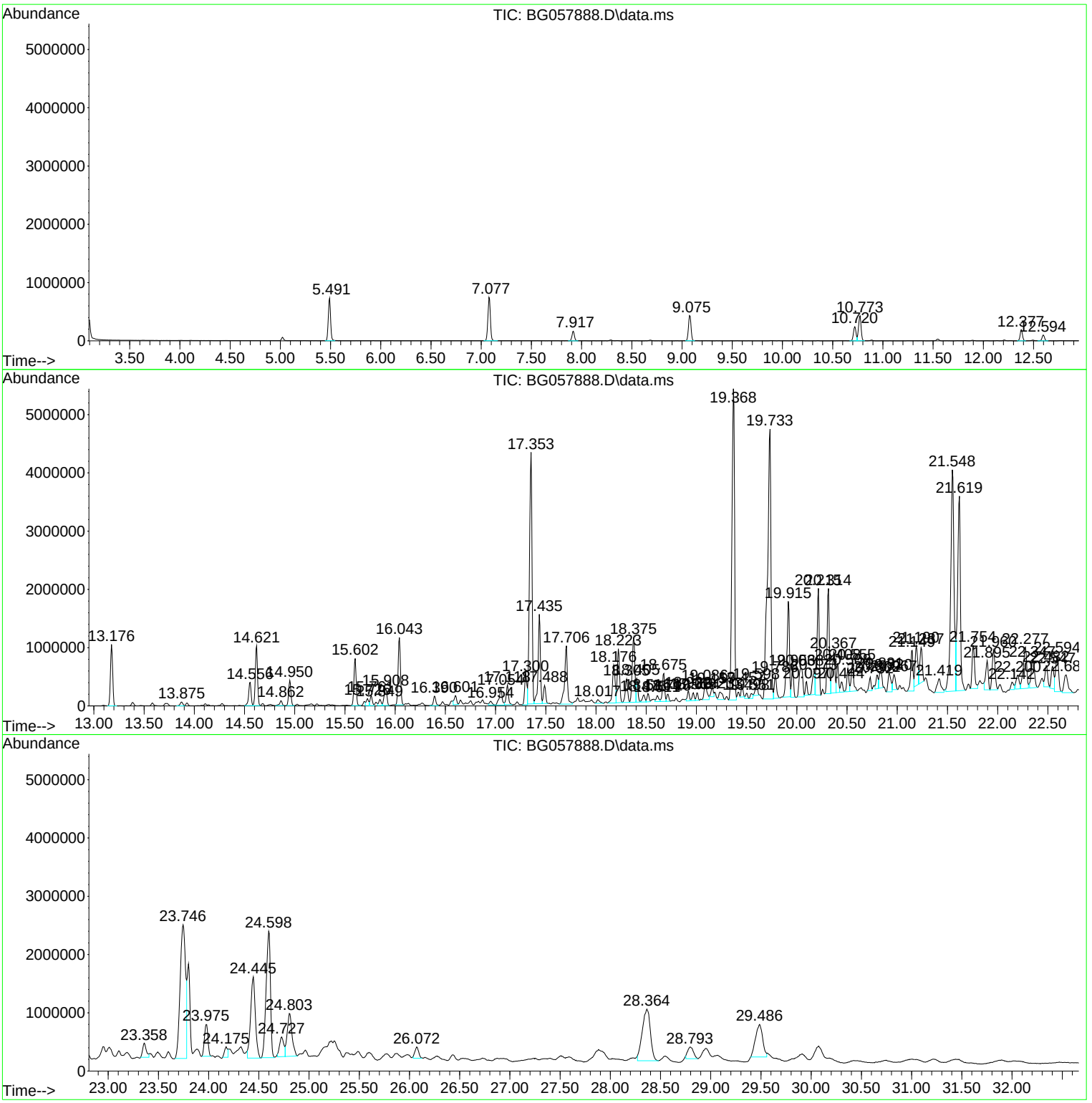
Sample : 03366-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB37

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG062723.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\BG062823\
Data File : BG057888.D
Acq On : 28 Jun 2023 11:47
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Sample : 03366-01
Misc :
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Instrument :
BNA_G
ClientSampleId :
SB37

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG062723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

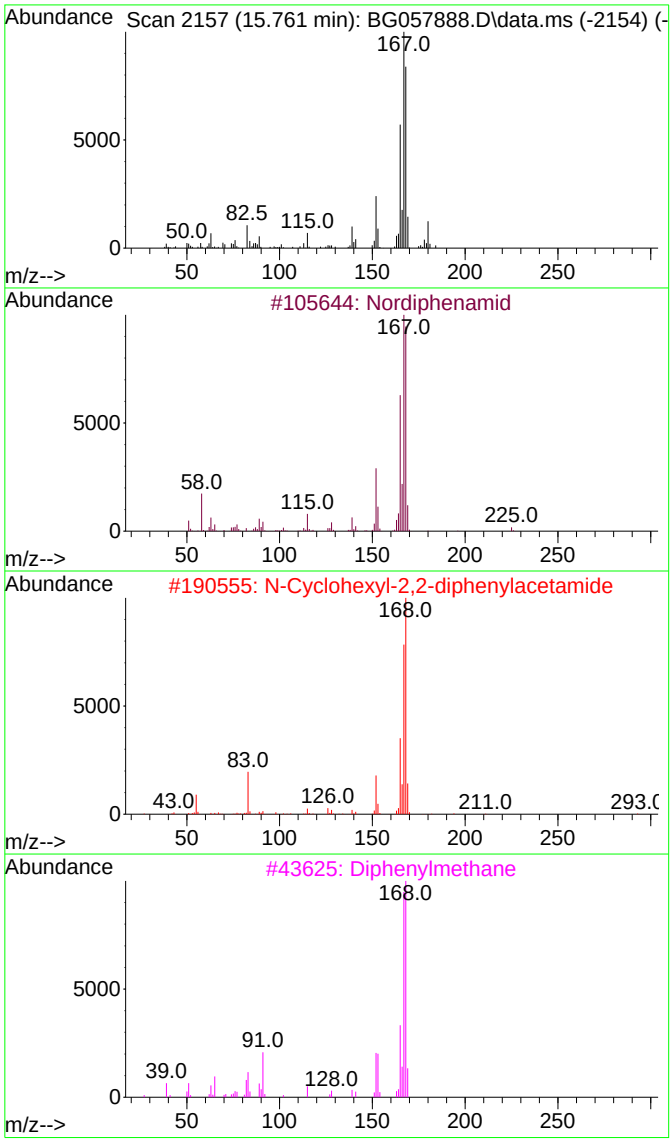
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

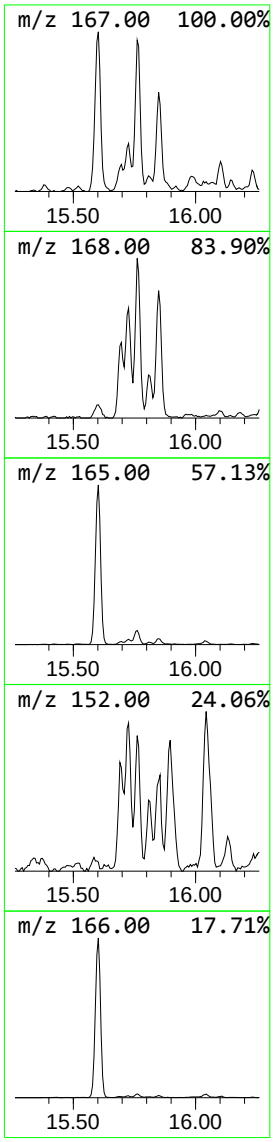
****

Peak Number 1 Nordiphenamid Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.761	7.44 ng	251100	Acenaphthene-d10	14.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nordiphenamid	225	C15H15NO	000954-21-2	91
2	N-Cyclohexyl-2,2-diphenylacetamide	293	C20H23NO	024932-56-7	72
3	Diphenylmethane	168	C13H12	000101-81-5	70
4	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	64
5	Fluorene, 2,4a-dihydro-	168	C13H12	059247-36-8	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062823\
Data File : BG057888.D
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG062723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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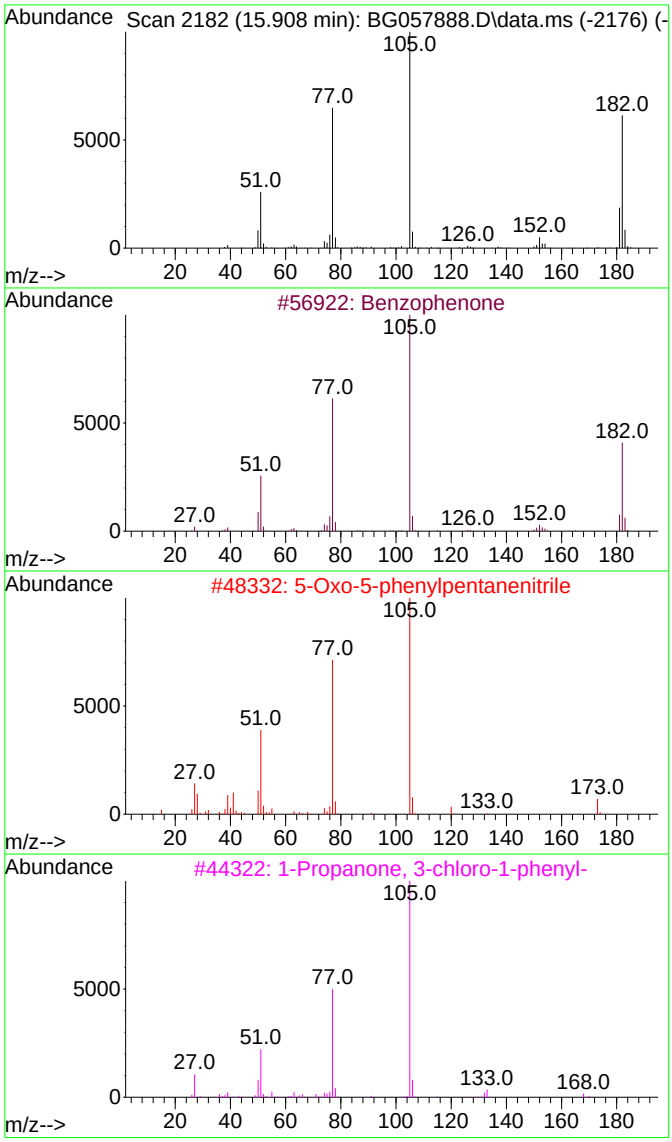
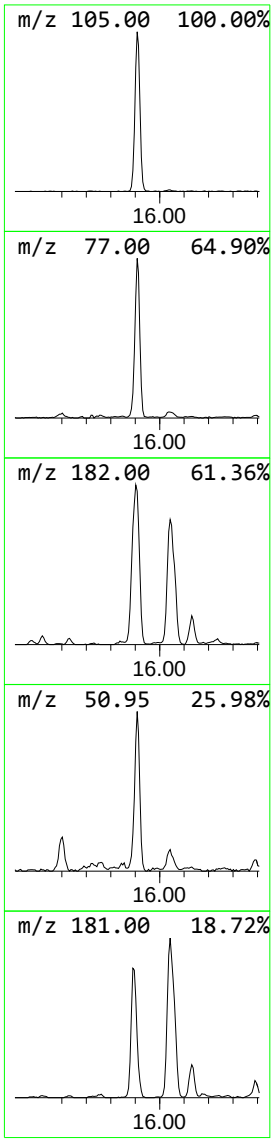
Peak Number 2 Benzophenone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.908	16.30 ng	549913	Acenaphthene-d10	14.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	5-Oxo-5-phenylpentanenitrile	173	C11H11NO	1000486-83-7	47
3	1-Propanone, 3-chloro-1-phenyl-	168	C9H9ClO	000936-59-4	47
4	Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	47
5	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062823\
Data File : BG057888.D
Acq On : 28 Jun 2023 11:47
Operator : CG/JU
Sample : 03366-01
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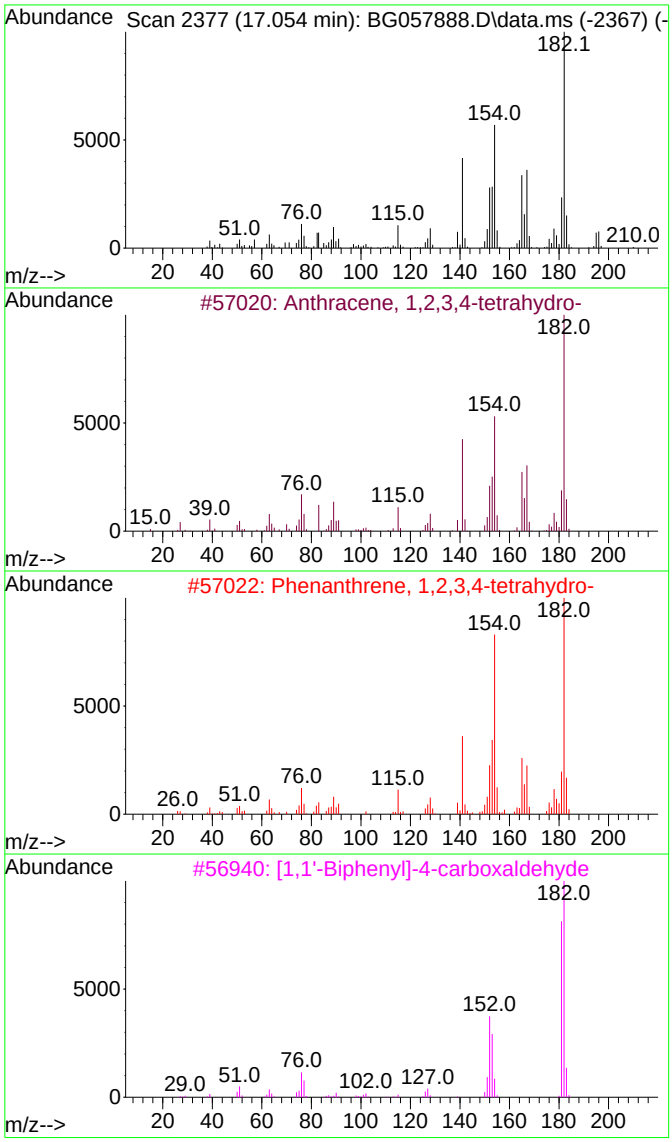
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG062723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

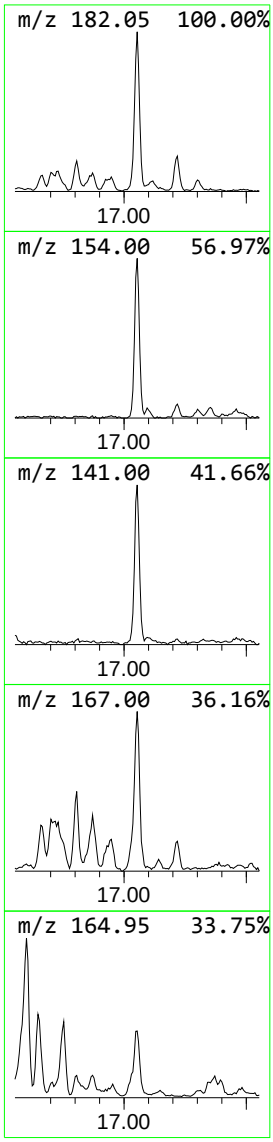
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Anthracene, 1,2,3,4-tetrahy... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.054	13.38 ng	574164	Phenanthrene-d10	17.300

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1,2,3,4-tetrahydro-	182	C14H14	002141-42-6	98
2	Phenanthrene, 1,2,3,4-tetrahydro-	182	C14H14	001013-08-7	76
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	64
4	2,3-Dihydro-1-oxo-1H-phenalene	182	C13H10O	000518-85-4	55
5	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	55





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062823\
Data File : BG057888.D
Acq On : 28 Jun 2023 11:47
Operator : CG/JU
Sample : 03366-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB37

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG062723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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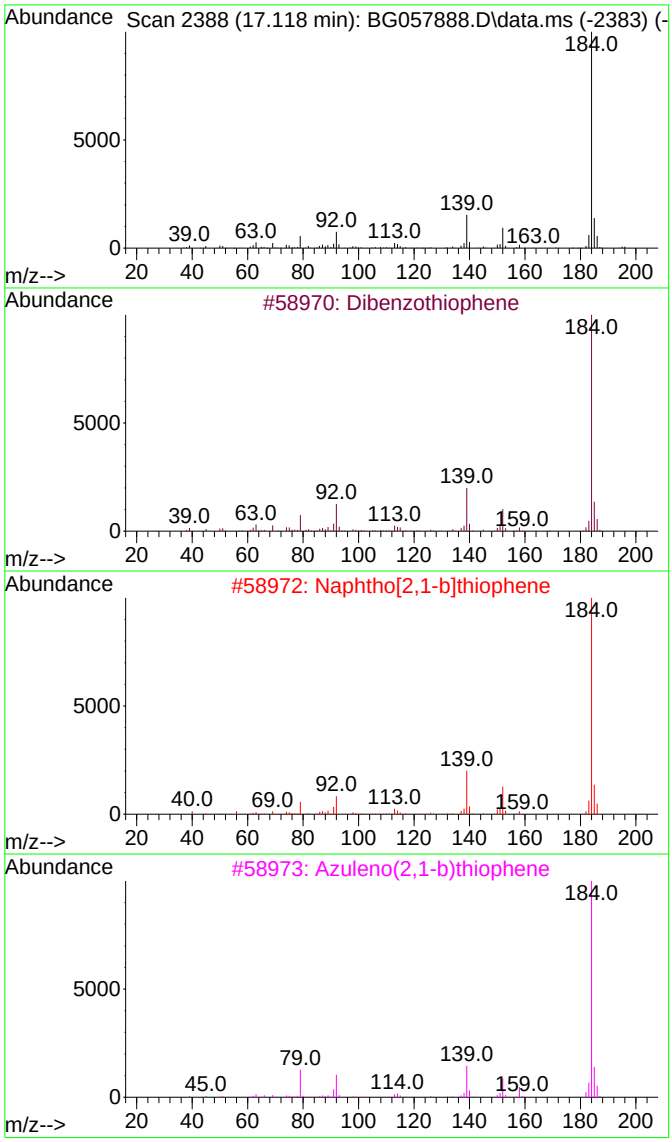
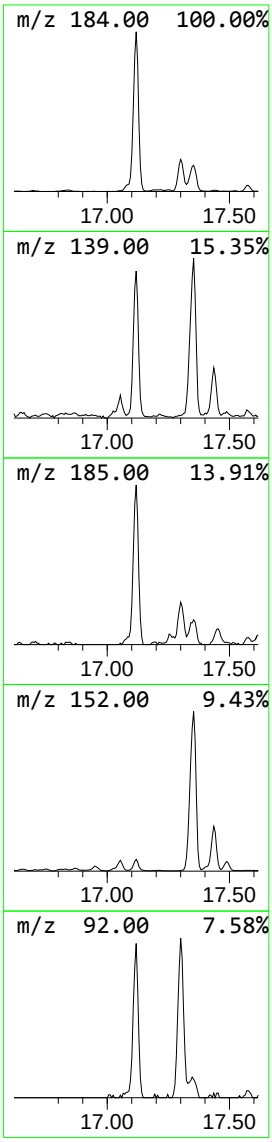
Peak Number 4 Dibenzothiophene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.118	12.38 ng	531046	Phenanthrene-d10	17.300

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	96
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
3	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	90
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	90
5	1,1'-Biphenyl, 2-methoxy-	184	C13H12O	000086-26-0	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062823\
Data File : BG057888.D
Acq On : 28 Jun 2023 11:47
Operator : CG/JU
Sample : 03366-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB37

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG062723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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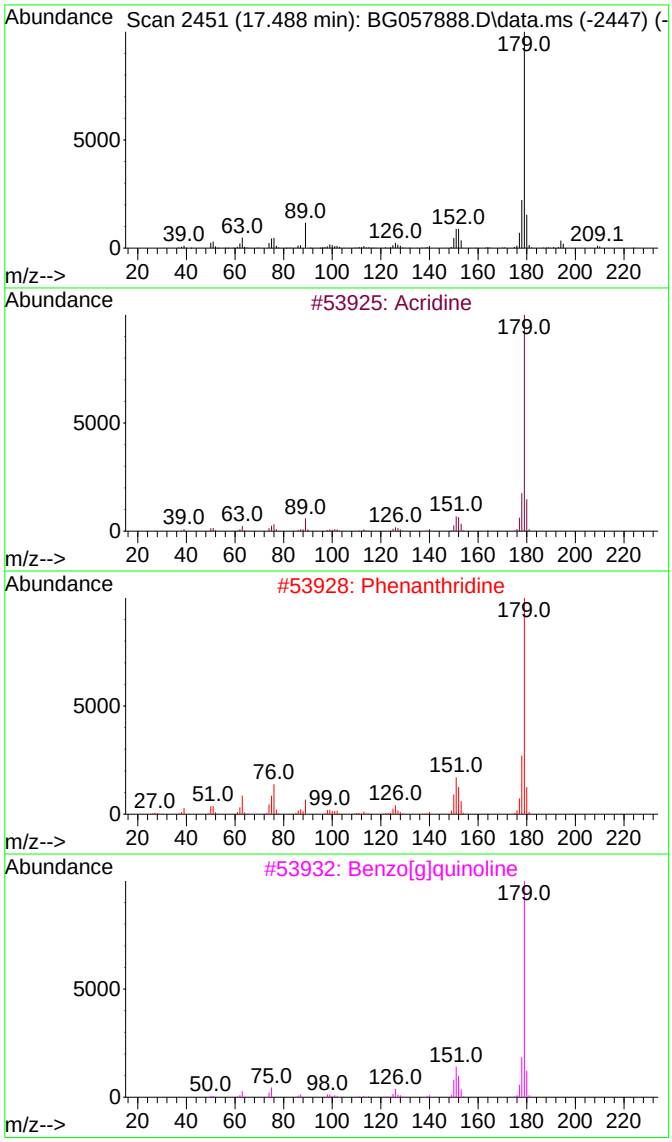
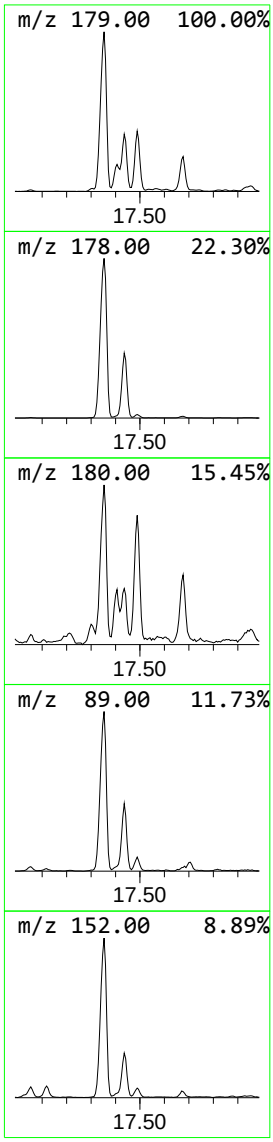
Peak Number 5 Acridine Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.488	10.81 ng	463908	Phenanthrene-d10	17.300

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acridine	179	C13H9N	000260-94-6	97
2	Phenanthridine	179	C13H9N	000229-87-8	91
3	Benzo[g]quinoline	179	C13H9N	000260-36-6	90
4	9H-Fluoren-9-imine	179	C13H9N	004440-33-9	90
5	[1,1'-Biphenyl]-2-carbonitrile	179	C13H9N	024973-49-7	90





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Operator : CG/JU
Sample : 03366-01
Misc :
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BNA_G
ClientSampleId :
SB37

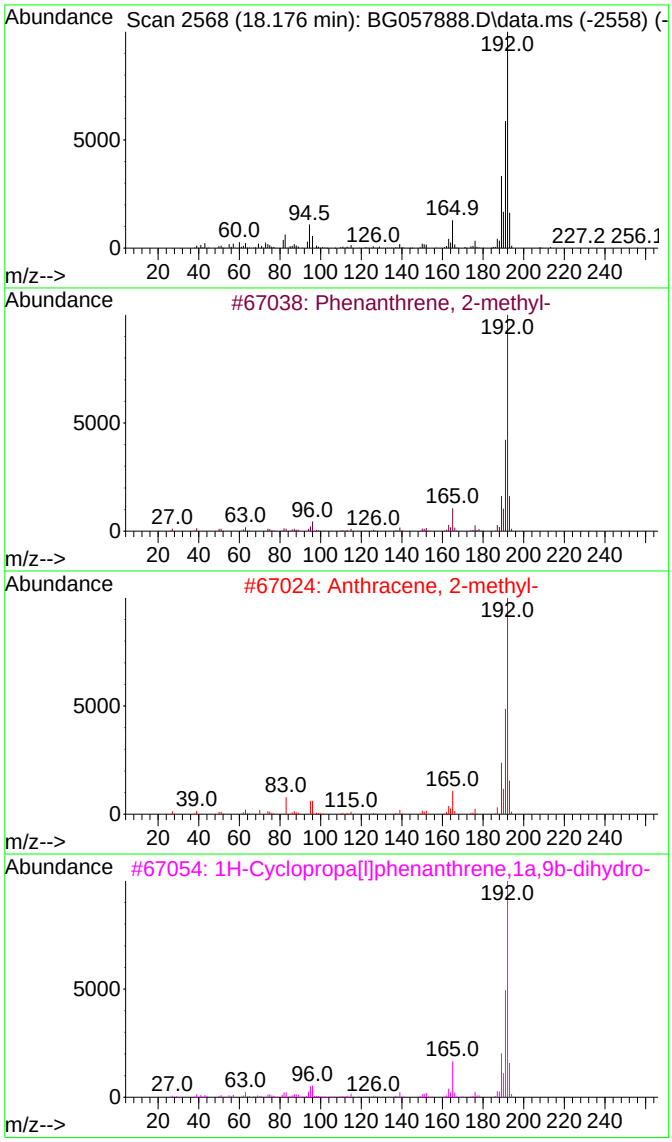
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG062723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

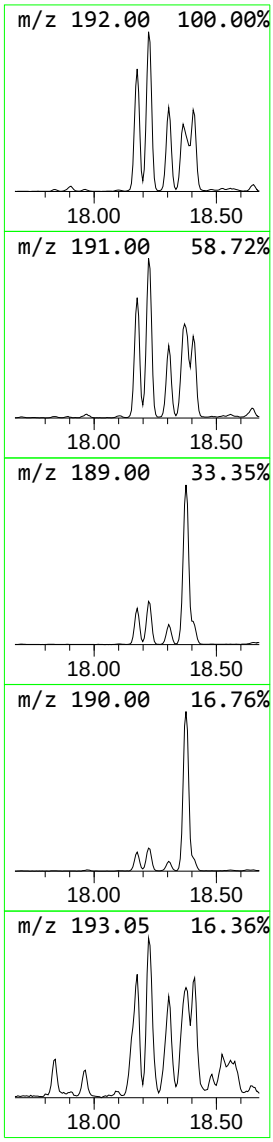
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.176	28.57 ng	1225750	Phenanthrene-d10	17.300

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	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90





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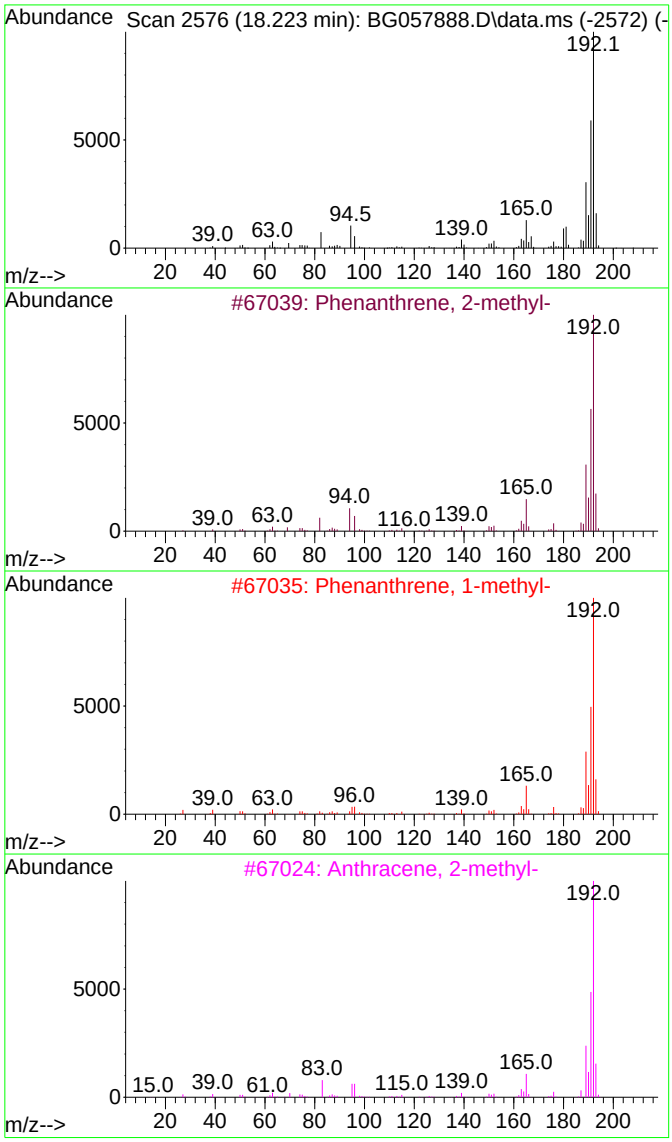
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

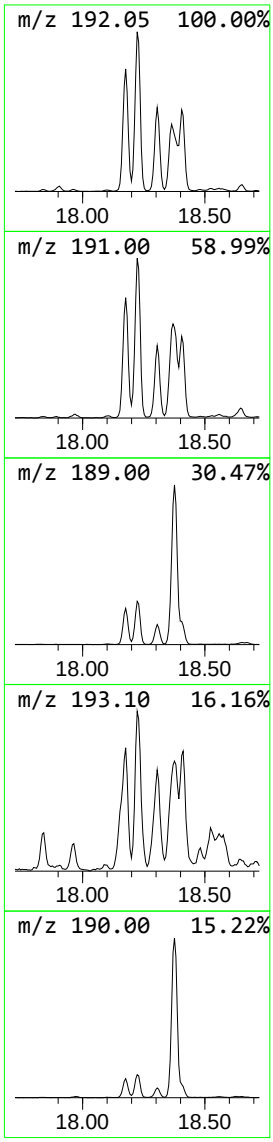
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Phenanthrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.223	33.97 ng	1457330	Phenanthrene-d10	17.300

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	92





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

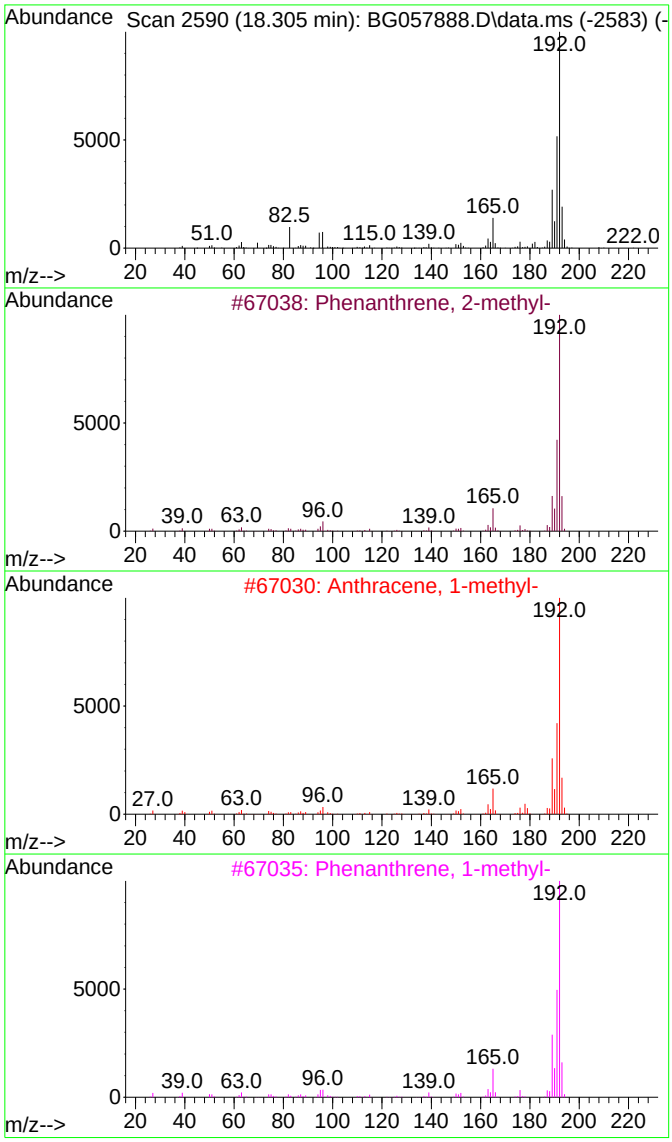
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

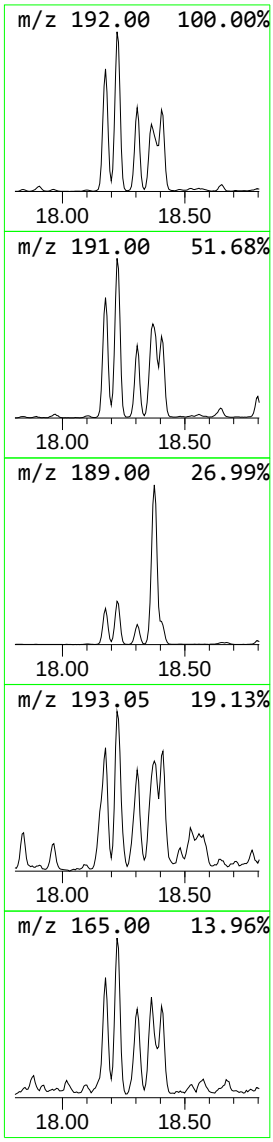
****

Peak Number 8 Anthracene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.305	15.62 ng	669911	Phenanthrene-d10	17.300

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





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ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB37

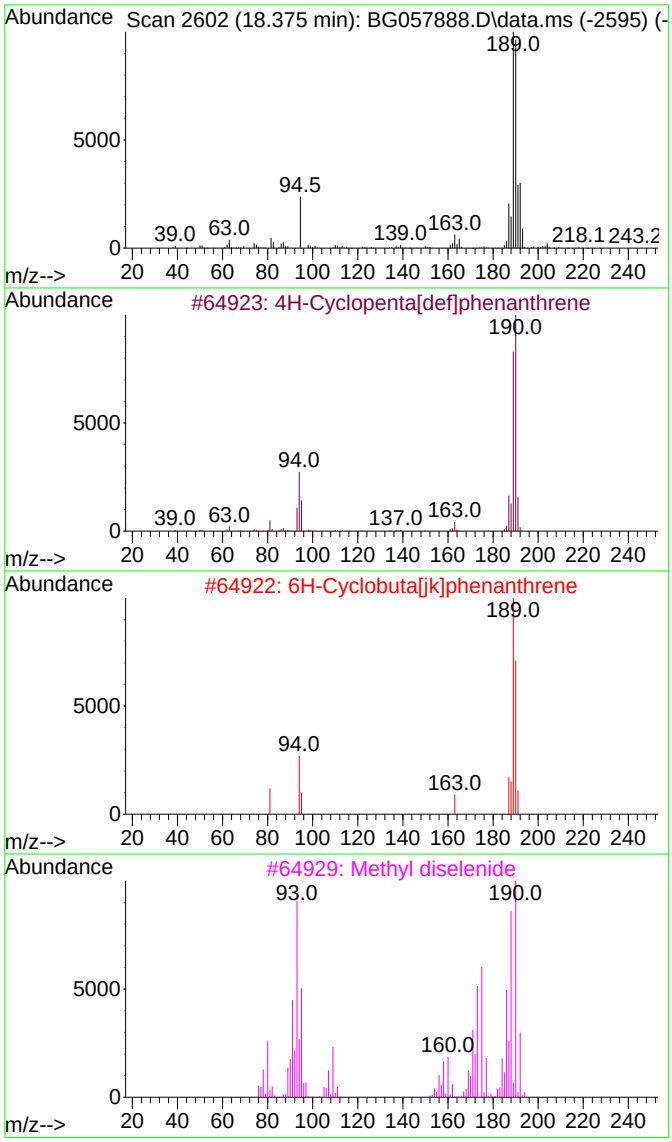
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG062723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

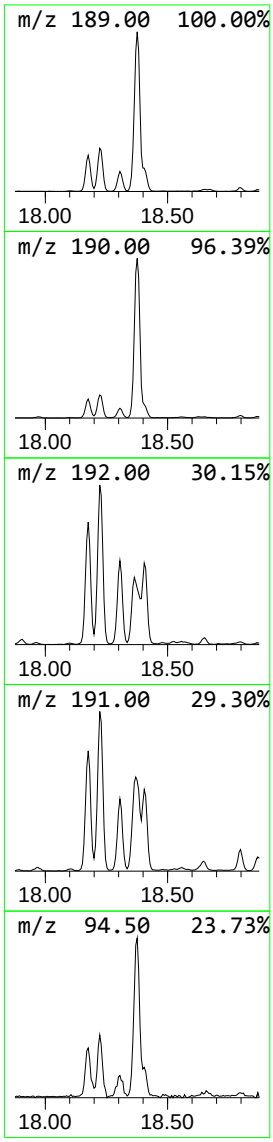
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.375	49.85 ng	2138530	Phenanthrene-d10	17.300

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
3	Methyl diselenide	190	C2H6Se2	007101-31-7	55
4	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	47
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42





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

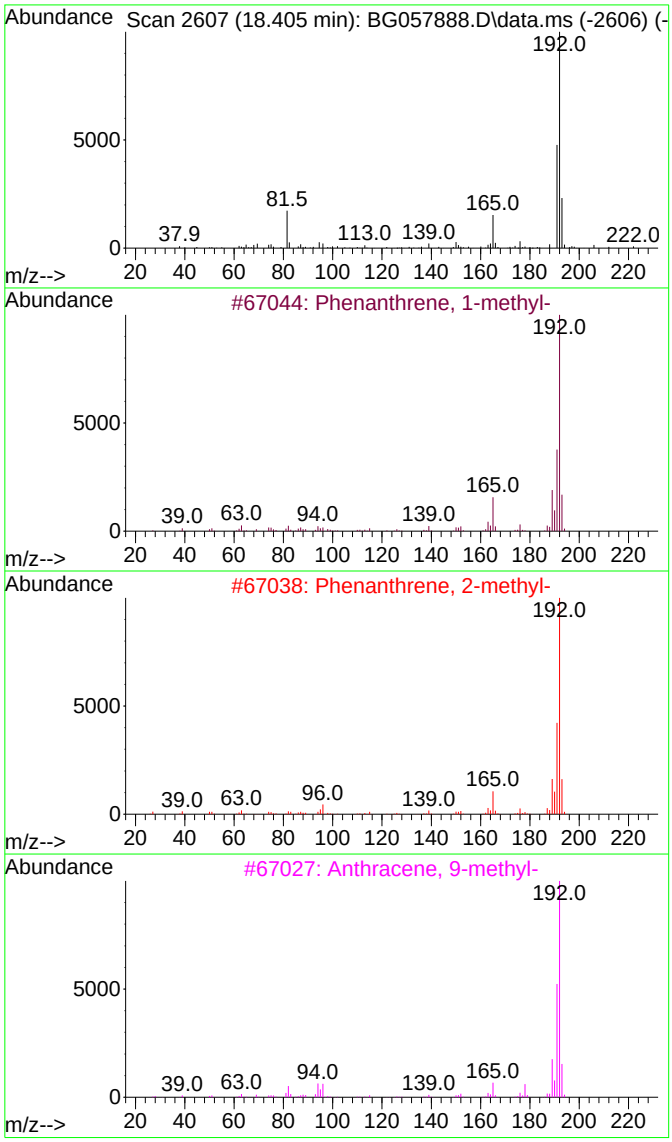
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

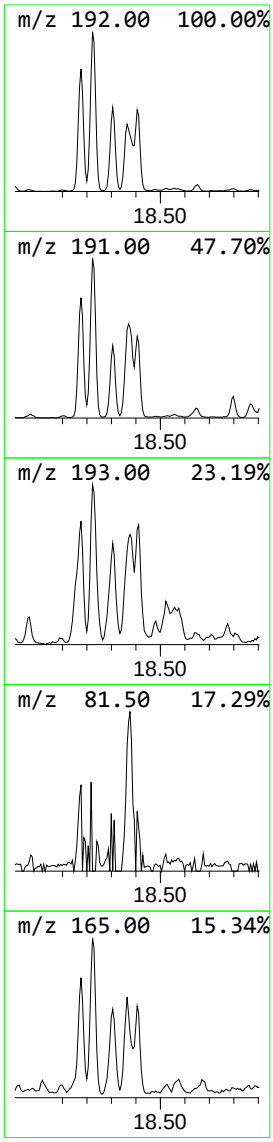
****

Peak Number 10 Anthracene, 9-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.405	9.81 ng	421011	Phenanthrene-d10	17.300

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	87
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	83
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	83
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	83





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ALS Vial : 7 Sample Multiplier: 1

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

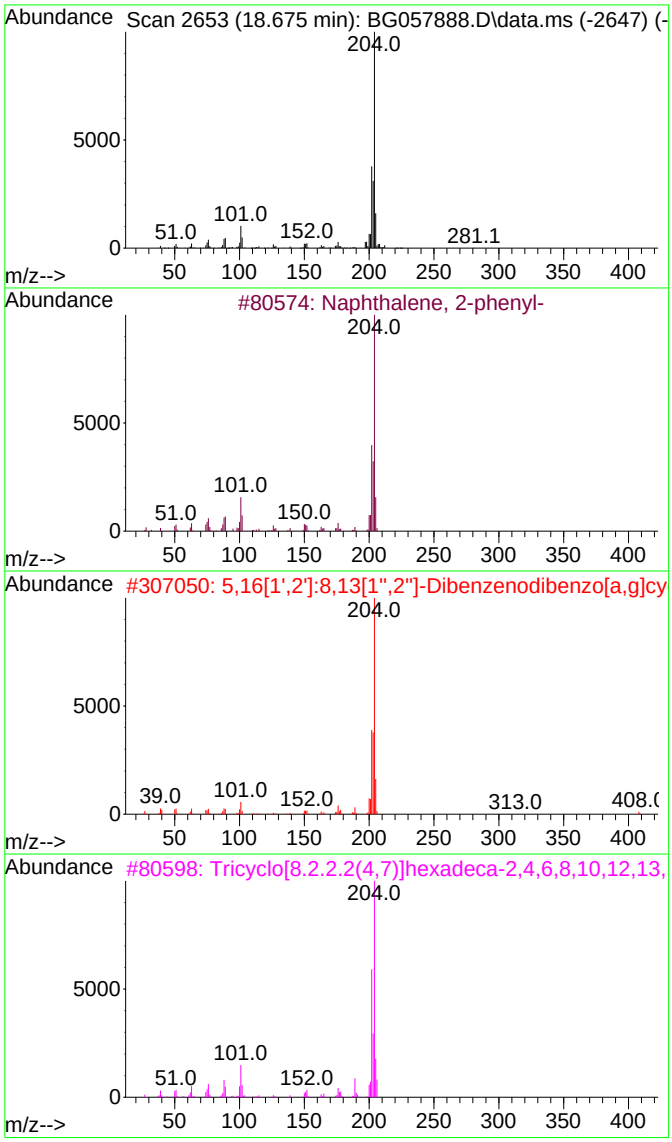
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

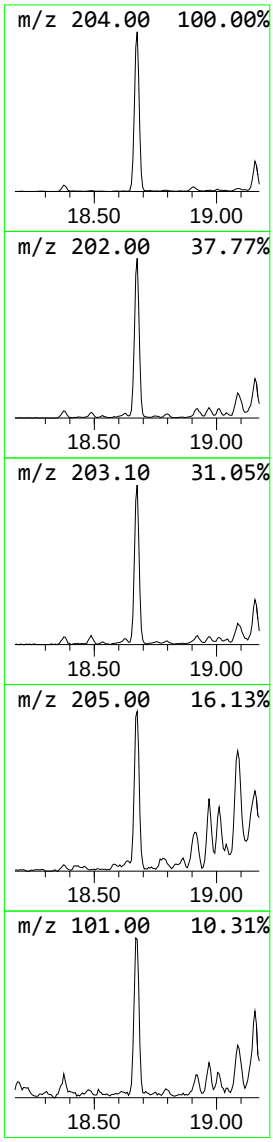
****

Peak Number 11 Naphthalene, 2-phenyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.675	16.74 ng	718304	Phenanthrene-d10	17.300

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	94
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	74
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	64
5	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	59





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Misc :
ALS Vial : 7 Sample Multiplier: 1

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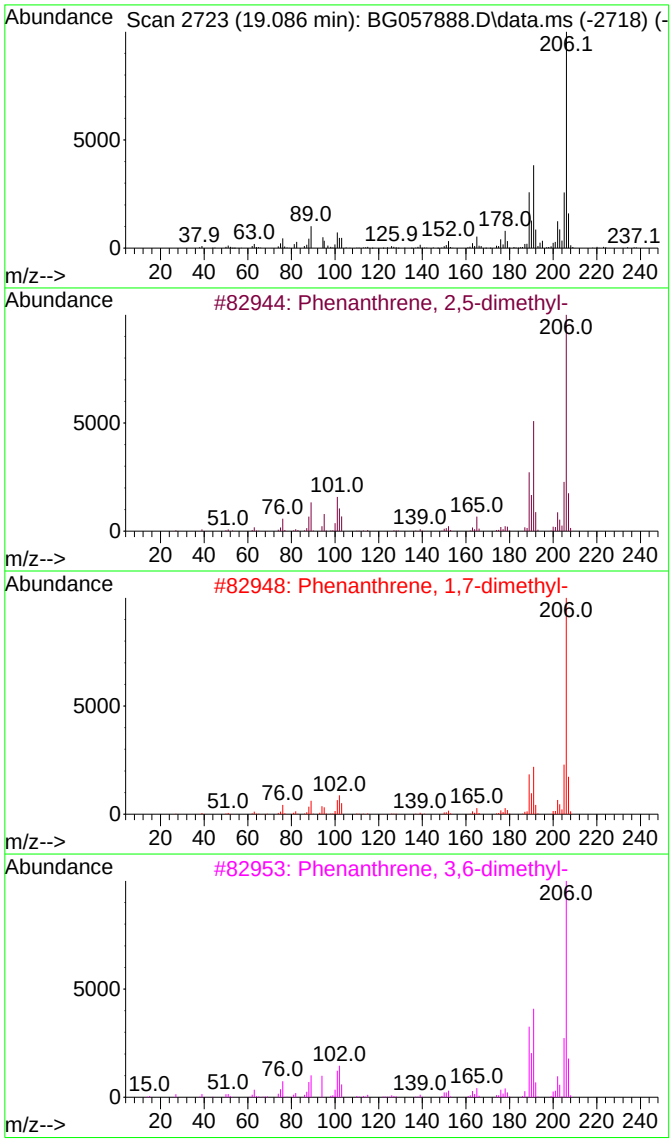
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

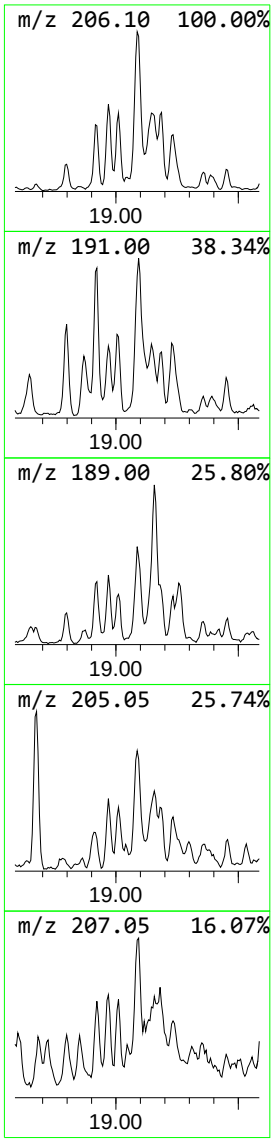
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.086	12.92 ng	554073	Phenanthrene-d10	17.300

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
4	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	91
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91





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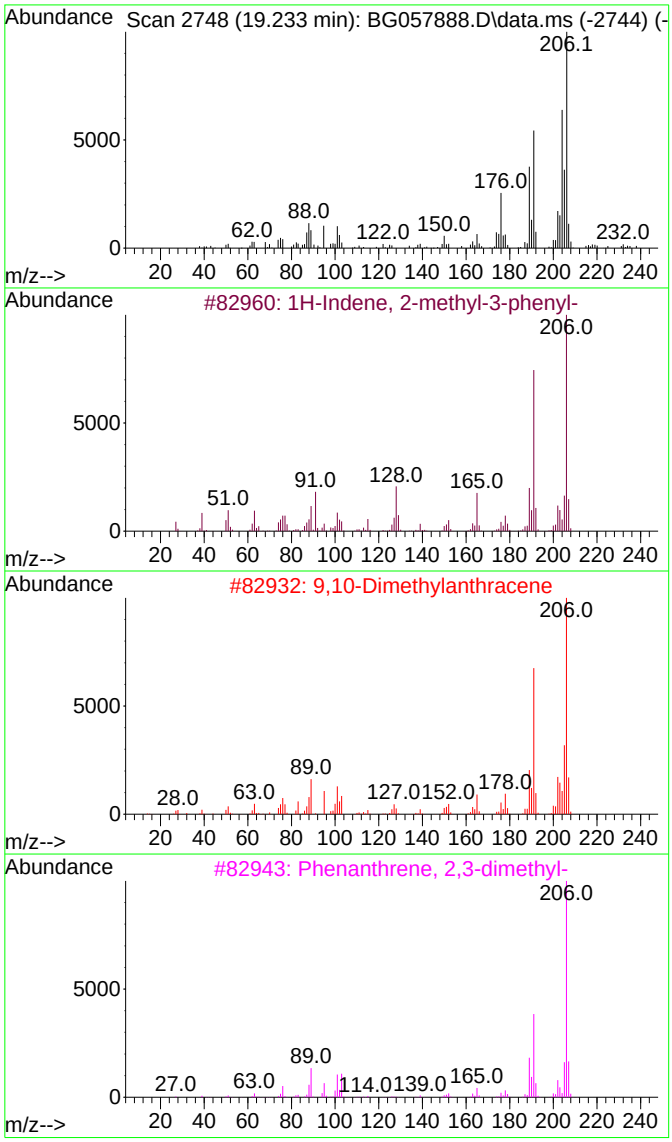
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

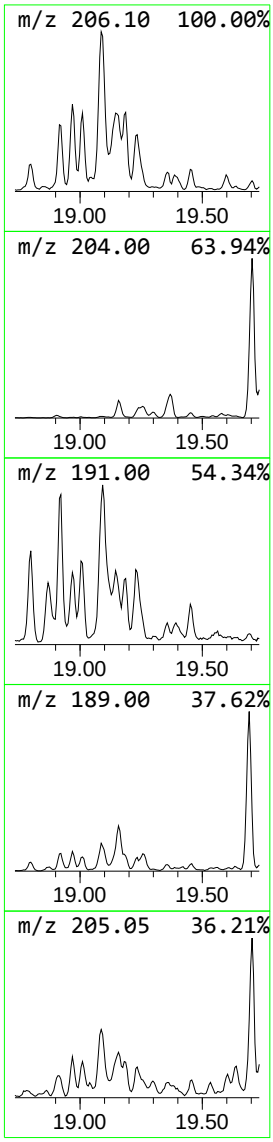
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 1H-Indene, 2-methyl-3-phenyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.233	7.36 ng	315530	Phenanthrene-d10	17.300

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	64
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	58
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	53
4	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	46
5	1,4-Diphenyl-1,3-butadiene	206	C16H14	000886-65-7	46





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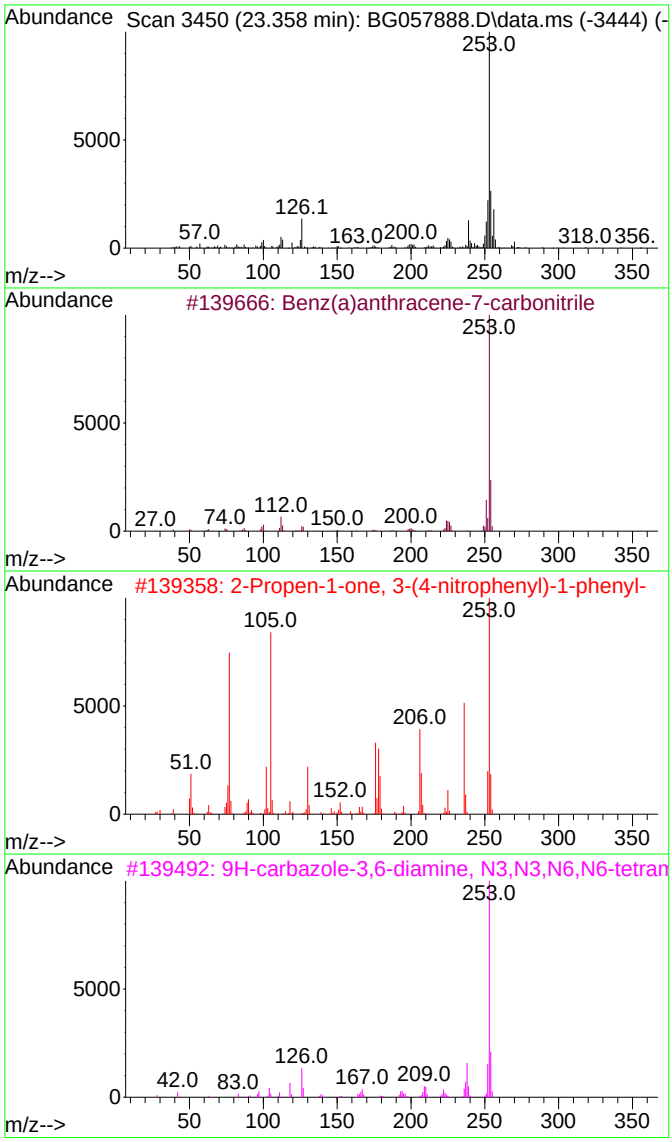
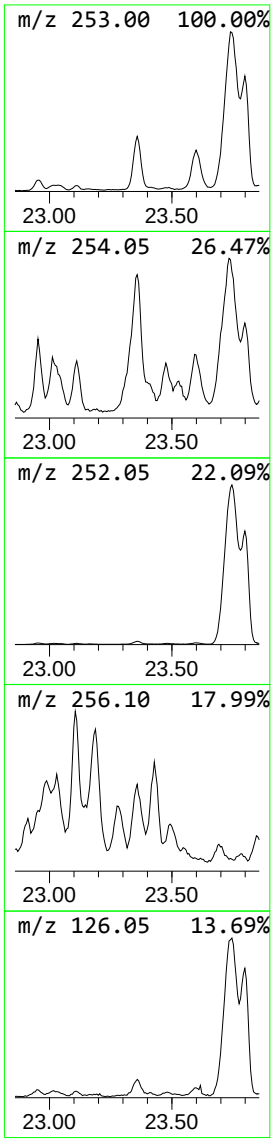
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Benz(a)anthracene-7-carboni... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.358	12.00 ng	616746	Perylene-d12	24.727

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz(a)anthracene-7-carbonitrile	253	C19H11N	007476-08-6	55
2	2-Propen-1-one, 3-(4-nitrophenyl...	253	C15H11NO3	001222-98-6	53
3	9H-carbazole-3,6-diamine, N3,N3,...	253	C16H19N3	1010396-68-8	50
4	N,N-Diethyl-1-benzoselenophen-2-...	253	C12H15NSe	1000411-36-2	49
5	N-(4-Phenyl-1,3-thiazol-2-yl)-2-...	253	C14H11N3S	1000485-04-5	47





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TIC Library : C:\Database\NIST20.L
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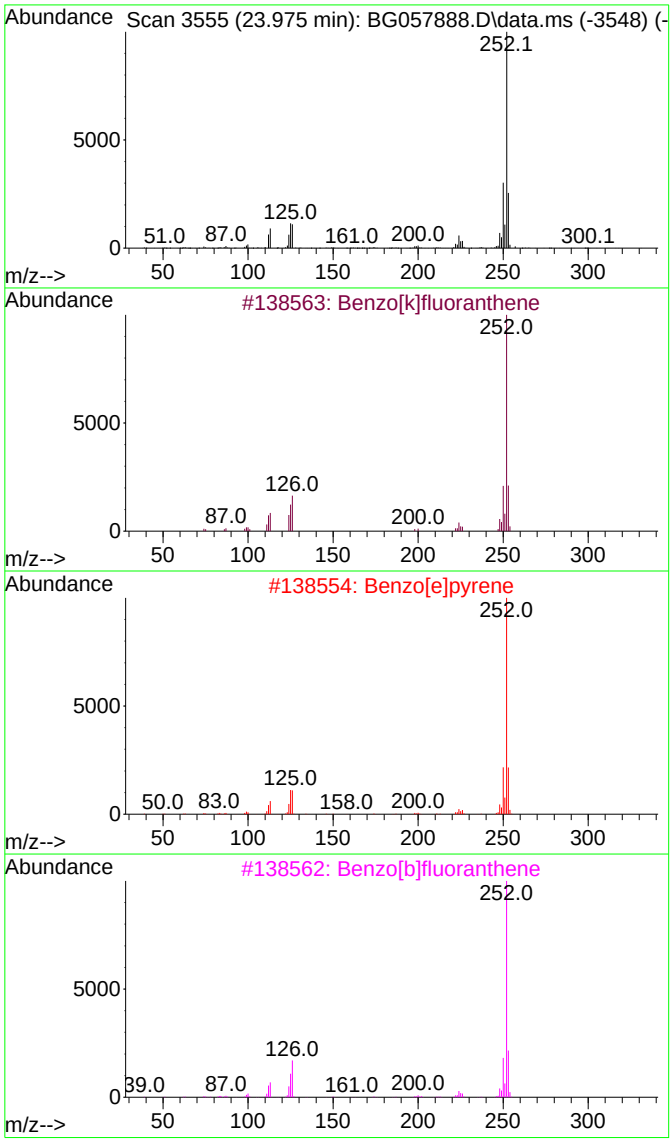
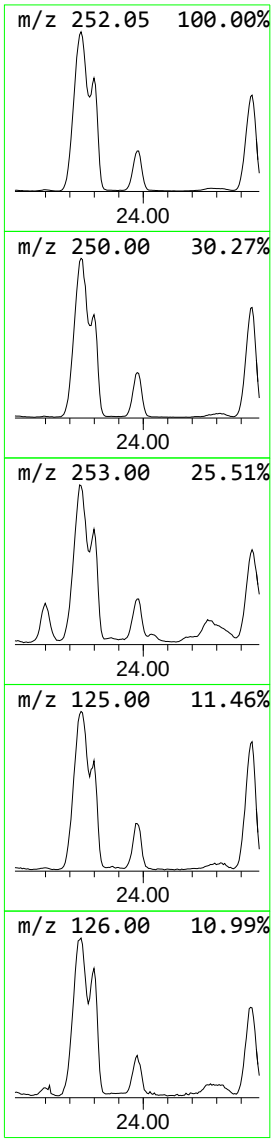
****

Peak Number 15 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.975	25.78 ng	1325480	Perylene-d12	24.727

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
2	Benzo[e]pyrene	252	C20H12	000192-97-2	94
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
4	Benzo[a]pyrene	252	C20H12	000050-32-8	91
5	Perylene	252	C20H12	000198-55-0	90





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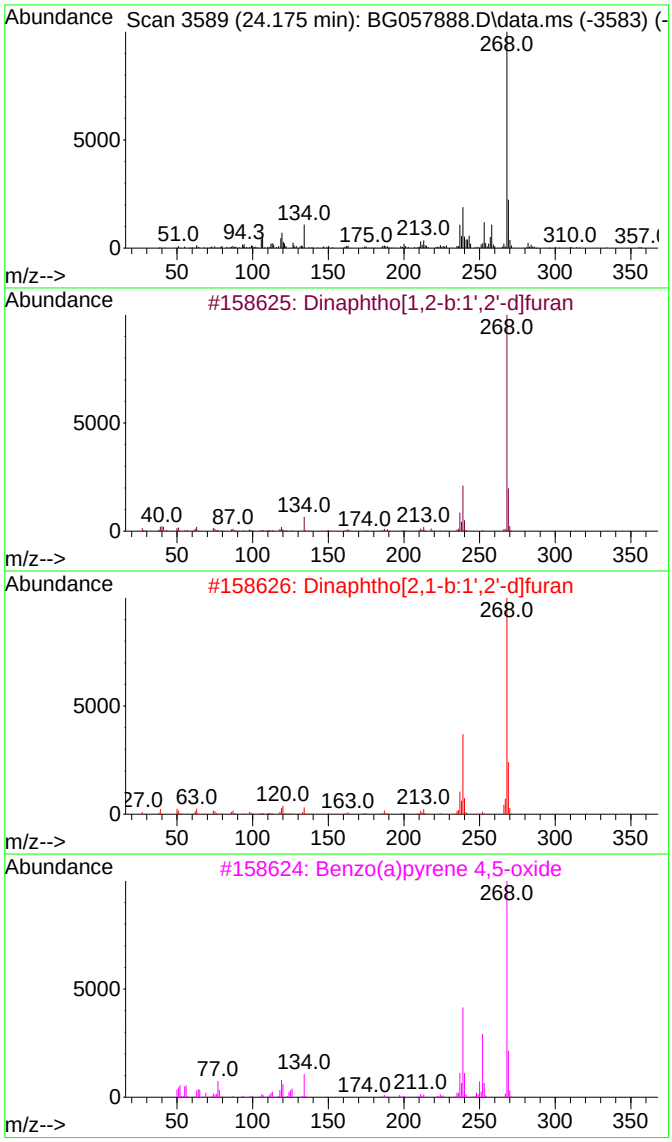
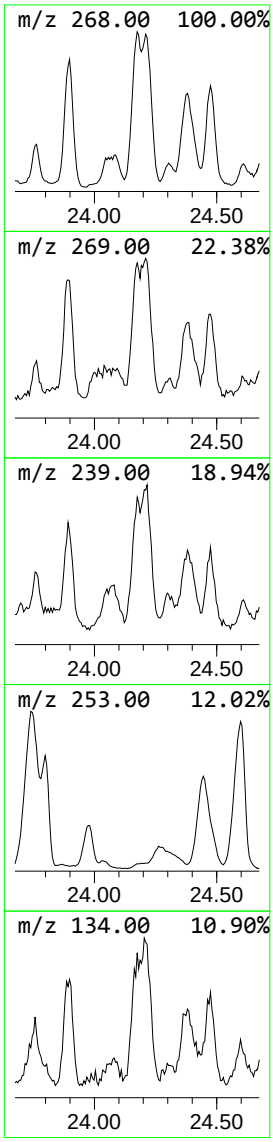
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Dinaphtho[1,2-b:1',2'-d]furan Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.175	7.69 ng	395416	Perylene-d12	24.727

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	94
2	Dinaphtho[2,1-b:1',2'-d]furan	268	C20H12O	000194-63-8	74
3	Benzo(a)pyrene 4,5-oxide	268	C20H12O	037574-47-3	74
4	Benzo(a)pyren-7-ol	268	C20H12O	037994-82-4	64
5	Disperse Red 11	268	C15H12N2O3	002872-48-2	64





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Operator : CG/JU
Sample : 03366-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB37

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG062723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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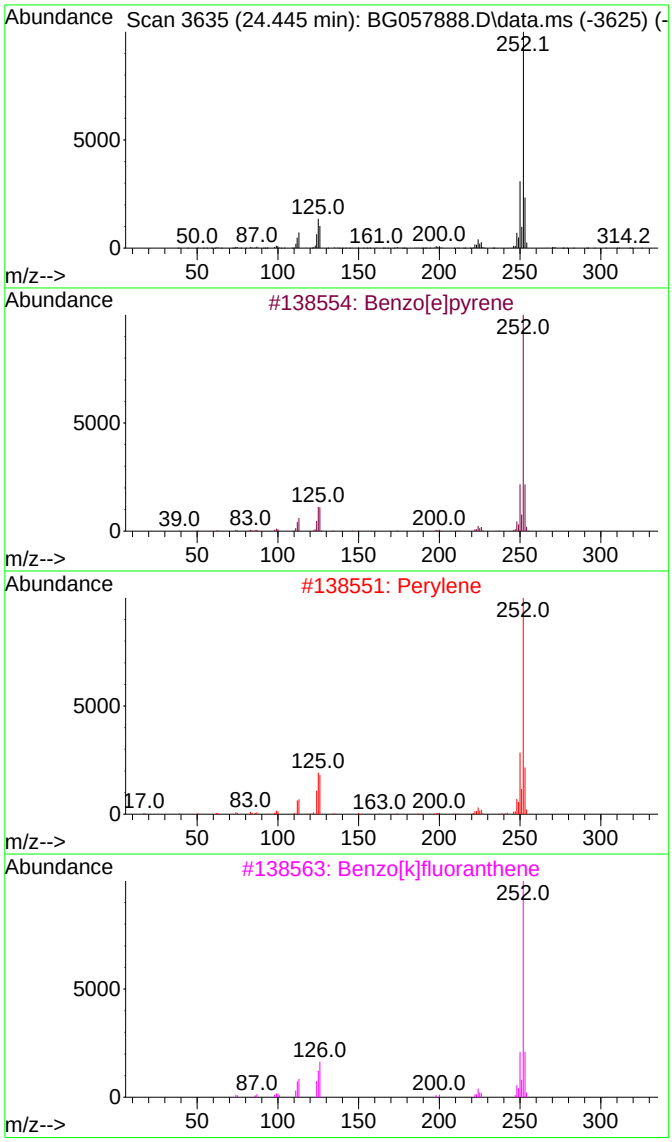
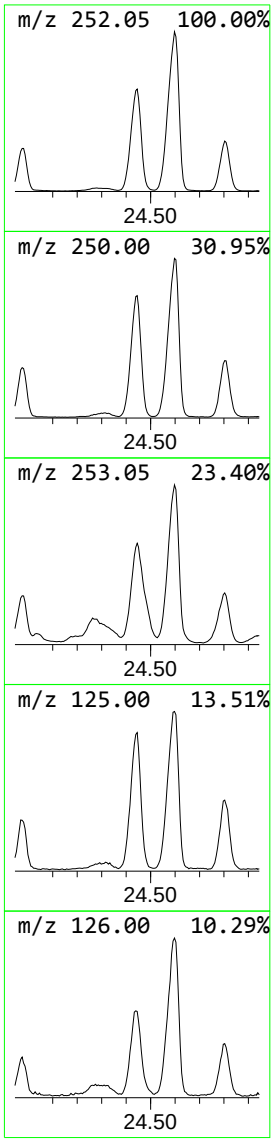
Peak Number 17 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.445	88.12 ng	4530090	Perylene-d12	24.727

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Perylene	252	C20H12	000198-55-0	97
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
5	Benzo[a]pyrene	252	C20H12	000050-32-8	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062823\
Data File : BG057888.D
Acq On : 28 Jun 2023 11:47
Operator : CG/JU
Sample : 03366-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB37

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG062723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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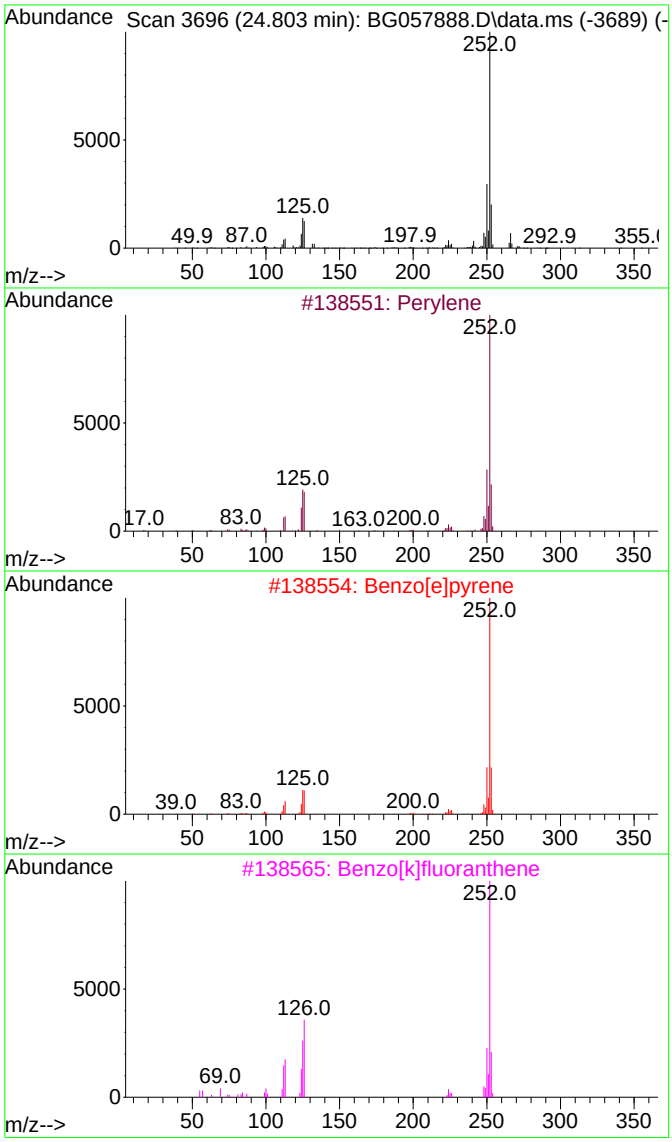
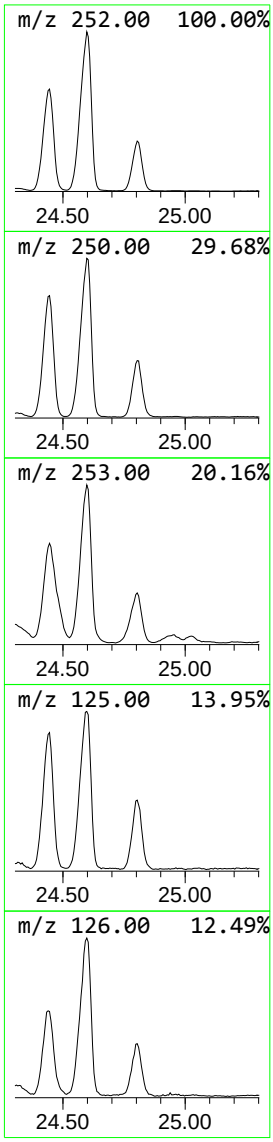
Peak Number 18 Benzo[j]fluoranthene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.803	46.84 ng	2407980	Perylene-d12	24.727

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	96
2	Benzo[e]pyrene	252	C20H12	000192-97-2	96
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062823\
Data File : BG057888.D
Acq On : 28 Jun 2023 11:47
Operator : CG/JU
Sample : 03366-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB37

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG062723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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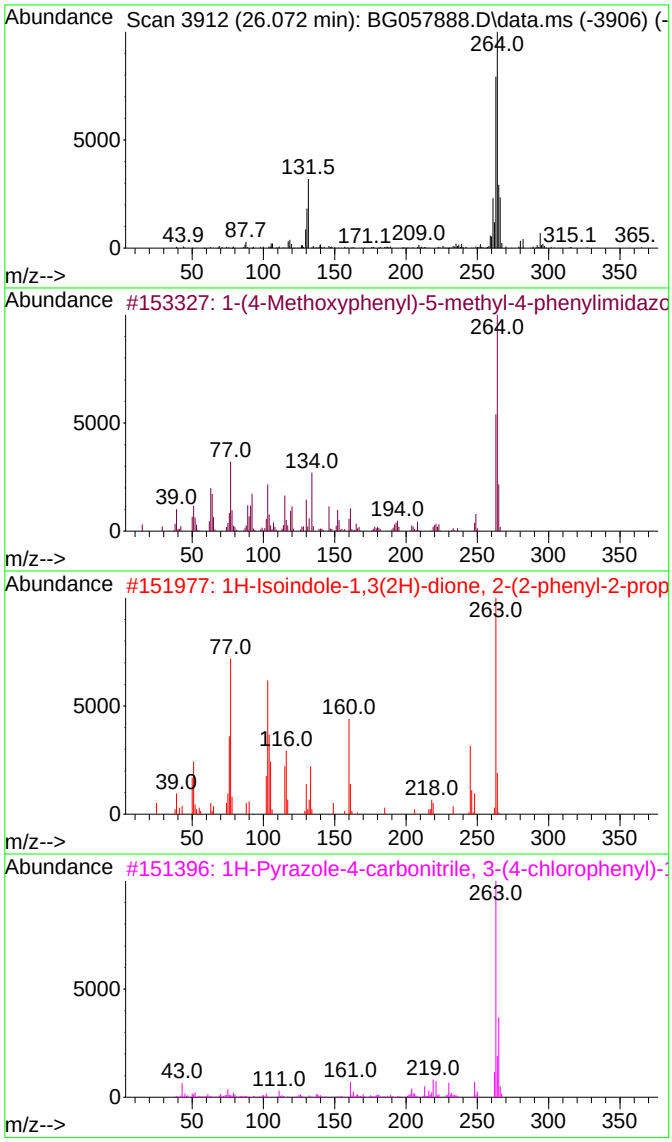
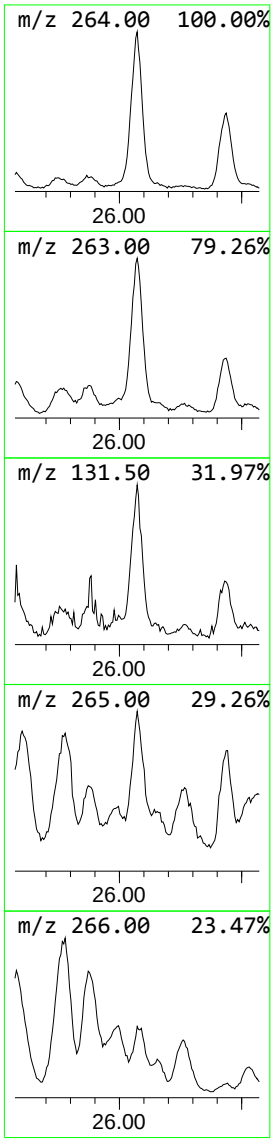
Peak Number 19 1-(4-Methoxyphenyl)-5-methy... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.072	9.67 ng	497337	Perylene-d12	24.727

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(4-Methoxyphenyl)-5-methyl-4-p...	264	C17H16N2O	1000436-38-1	50
2	1H-Isoindole-1,3(2H)-dione, 2-(2...	263	C17H13NO2	016307-59-8	38
3	1H-Pyrazole-4-carbonitrile, 3-(4...	263	C12H10ClN3S	068364-67-0	35
4	2-Ethoxy-6-methyl-4-phenyl-quina...	264	C17H16N2O	1000318-42-5	32
5	Iron, (.eta.-5-cyclopentadienyl)...	264	C16H16Fe	1000155-06-6	32





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062823\
Data File : BG057888.D
Acq On : 28 Jun 2023 11:47
Operator : CG/JU
Sample : 03366-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB37

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG062723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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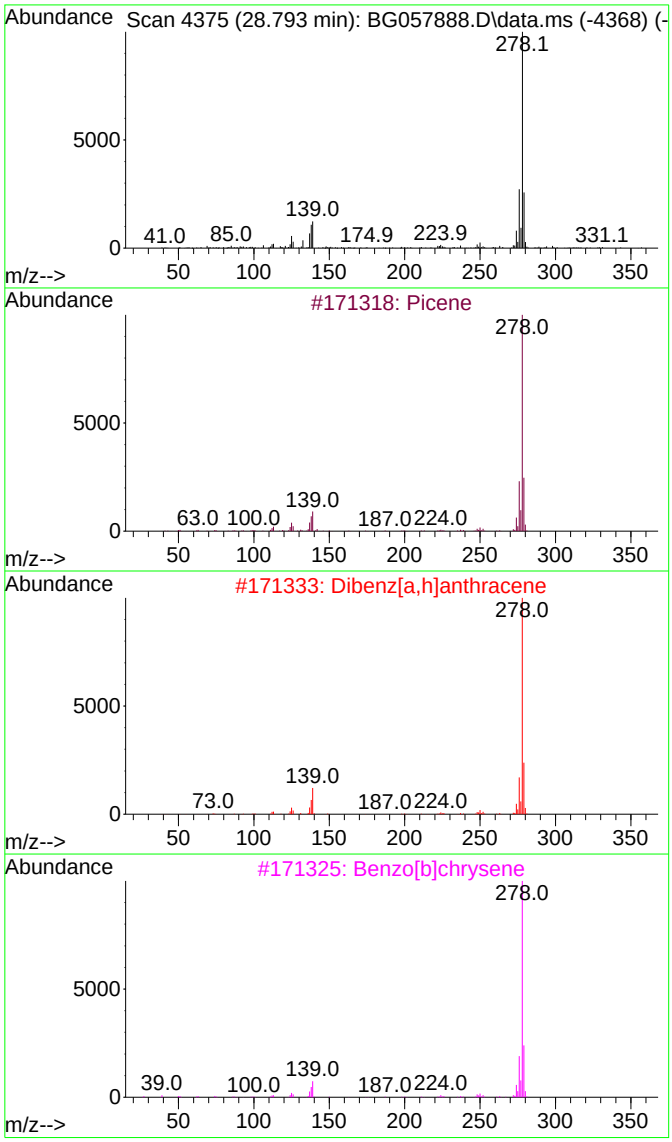
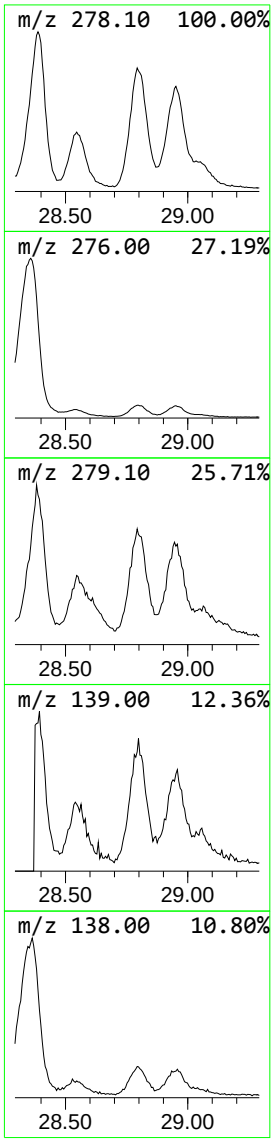
Peak Number 20 Picene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.793	15.58 ng	800784	Perylene-d12	24.727

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Picene	278	C22H14	000213-46-7	96
2	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	95
3	Benzo[b]chrysene	278	C22H14	000214-17-5	95
4	Benzo[b]triphenylene	278	C22H14	000215-58-7	94
5	Benzo[a]naphthacene	278	C22H14	000226-88-0	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062823\
Data File : BG057888.D
Acq On : 28 Jun 2023 11:47
Operator : CG/JU
Sample : 03366-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB37

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG062723.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
Nordiphenamid	15.761	7.4	ng	251100	3	14.556	674621	20.0
Benzophenone	15.908	16.3	ng	549913	3	14.556	674621	20.0
Anthracene, 1,2...	17.054	13.4	ng	574164	4	17.300	857997	20.0
Dibenzothiophene	17.118	12.4	ng	531046	4	17.300	857997	20.0
Acridine	17.488	10.8	ng	463908	4	17.300	857997	20.0
Phenanthrene, 2...	18.176	28.6	ng	1225750	4	17.300	857997	20.0
Phenanthrene, 1...	18.223	34.0	ng	1457330	4	17.300	857997	20.0
Anthracene, 1-m...	18.305	15.6	ng	669911	4	17.300	857997	20.0
4H-Cyclopenta[d...	18.375	49.9	ng	2138530	4	17.300	857997	20.0
Anthracene, 9-m...	18.405	9.8	ng	421011	4	17.300	857997	20.0
Naphthalene, 2-...	18.675	16.7	ng	718304	4	17.300	857997	20.0
Phenanthrene, 2...	19.086	12.9	ng	554073	4	17.300	857997	20.0
1H-Indene, 2-me...	19.233	7.4	ng	315530	4	17.300	857997	20.0
Benz(a)anthrace...	23.358	12.0	ng	616746	6	24.727	1028130	20.0
Benzo[e]pyrene	23.975	25.8	ng	1325480	6	24.727	1028130	20.0
Dinaphtho[1,2-b...	24.175	7.7	ng	395416	6	24.727	1028130	20.0
Perylene	24.445	88.1	ng	4530090	6	24.727	1028130	20.0
Benzo[j]fluoran...	24.803	46.8	ng	2407980	6	24.727	1028130	20.0
1-(4-Methoxyphe...	26.072	9.7	ng	497337	6	24.727	1028130	20.0
Picene	28.793	15.6	ng	800784	6	24.727	1028130	20.0