LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040623\
Data File : BG057014.D
Acq On : 6 Apr 2023 16:12
Operator : CG/JU
Sample : 02191-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
72-11982

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-BG033023.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG057014.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.444	317	324	334	rVB	103991	171437	17.58%	1.600%
2	5.920	399	405	415	rBB	255135	425594	43.64%	3.971%
3	7.541	673	681	691	rBV	282955	488335	50.07%	4.556%
4	8.410	823	829	837	rBB2	54570	92613	9.50%	0.864%
5	9.585	1022	1029	1037	rVB	164035	291407	29.88%	2.719%
6	11.248	1305	1312	1319	rBV	70866	130263	13.36%	1.215%
7	13.650	1714	1721	1728	rVB	454849	711141	72.91%	6.635%
8	14.749	1901	1908	1917	rBV2	7449	15622	1.60%	0.146%
9	15.019	1949	1954	1960	rVB2	118755	188840	19.36%	1.762%
10	15.084	1960	1965	1971	rVB2	10645	16556	1.70%	0.154%
11	15.407	2016	2020	2027	rVB4	7160	11856	1.22%	0.111%
12	16.059	2124	2131	2139	rVB	13465	22013	2.26%	0.205%
13	16.352	2174	2181	2187	rVB2	17951	27852	2.86%	0.260%
14	16.499	2198	2206	2213	rBV	400612	598531	61.37%	5.585%
15	16.723	2241	2244	2252	rVB4	6466	12407	1.27%	0.116%
16	17.404	2354	2360	2368	rBV4	34853	59896	6.14%	0.559%
17	17.580	2384	2390	2395	rBV	12845	19351	1.98%	0.181%
18	17.756	2413	2420	2424	rBV	153149	245130	25.13%	2.287%
19	17.803	2424	2428	2434	rVV	201499	291746	29.91%	2.722%
20	17.892	2437	2443	2447	rVV2	17866	27626	2.83%	0.258%
21	17.944	2447	2452	2457	rVB6	7108	13733	1.41%	0.128%
22	18.156	2482	2488	2493	rBV	16052	26839	2.75%	0.250%
23	18.268	2504	2507	2511	rVB	9165	9850	1.01%	0.092%
24	18.338	2513	2519	2525	rVB2	22742	36472	3.74%	0.340%
25	18.479	2538	2543	2548	rVB2	14058	20978	2.15%	0.196%
26	18.550	2550	2555	2558	rBV4	6379	10993	1.13%	0.103%
27	18.597	2558	2563	2565	rVV2	52587	74532	7.64%	0.695%
28	18.626	2565	2568	2572	rVV	61641	95200	9.76%	0.888%
29	18.673	2572	2576	2582	rVB	72954	108228	11.10%	1.010%
30	18.755	2582	2590	2593	rBV3	12423	19847	2.03%	0.185%
31	18.814	2594	2600	2604	rVV2	61954	124644	12.78%	1.163%
32	18.855	2604	2607	2615	rVB	43942	66620	6.83%	0.622%
33	19.014	2629	2634	2638	rBV3	12760	18195	1.87%	0.170%
34	19.108	2646	2650	2654	rBV	37687	56699	5.81%	0.529%
35	19.155	2654	2658	2666	rVB3	50619	88318	9.06%	0.824%
36	19.348	2684	2691	2696	rBV4	18720	37887	3.88%	0.354%

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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
72-11982

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-BG033023.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	19.401	2696	2700	2703	rBV	27788	34761	3.56%	0.324%
38	19.437	2703	2706	2714	rVB4	20996	29904	3.07%	0.279%
39	19.525	2714	2721	2725	rBV	65411	121066	12.41%	1.130%
40	19.572	2725	2729	2734	rVV4	17122	31186	3.20%	0.291%
41	19.613	2734	2736	2740	rVB	19402	20096	2.06%	0.188%
42	19.666	2740	2745	2750	rBV5	33653	68842	7.06%	0.642%
43	19.789	2759	2766	2771	rBV	343424	486301	49.86%	4.538%
44	19.842	2771	2775	2778	rBV4	25274	39564	4.06%	0.369%
45	19.877	2778	2781	2785	rVB5	17428	25823	2.65%	0.241%
46	19.936	2785	2791	2794	rBV3	12555	22179	2.27%	0.207%
47	19.977	2794	2798	2801	rVB3	13838	20190	2.07%	0.188%
48	20.030	2801	2807	2817	rBV4	18448	51026	5.23%	0.476%
49	20.112	2817	2821	2823	rBV2	44203	69557	7.13%	0.649%
50	20.153	2823	2828	2833	rVB	330805	478370	49.05%	4.464%
51	20.206	2833	2837	2843	rVB	35247	51594	5.29%	0.481%
52	20.271	2843	2848	2849	rBV4	8104	12164	1.25%	0.113%
53	20.329	2852	2858	2862	rVV	767794	975330	100.00%	9.100%
54	20.470	2873	2882	2887	rBV5	41998	111501	11.43%	1.040%
55	20.594	2900	2903	2904	rBV3	22171	23820	2.44%	0.222%
56	20.629	2907	2909	2916	rVB	58499	68010	6.97%	0.635%
57	20.729	2923	2926	2929	rVB2	25776	31469	3.23%	0.294%
58	20.788	2933	2936	2940	rVB	42135	54936	5.63%	0.513%
59	20.876	2949	2951	2953	rVB3	150533	54663	5.60%	0.510%
60	20.935	2957	2961	2966	rBV	44428	65816	6.75%	0.614%
61	20.982	2966	2969	2977	rVB2	38007	61895	6.35%	0.578%
62	21.105	2986	2990	2993	rBV6	16701	21492	2.20%	0.201%
63	21.199	3003	3006	3008	rBV4	7311	9946	1.02%	0.093%
64	21.246	3010	3014	3017	rBV6	10661	17331	1.78%	0.162%
65	21.422	3040	3044	3051	rVB	44621	77945	7.99%	0.727%
66	21.634	3069	3080	3084	rBV4	68520	173451	17.78%	1.618%
67	21.722	3091	3095	3101	rBV3	28248	53466	5.48%	0.499%
68	21.780	3101	3105	3110	rVB2	32366	56807	5.82%	0.530%
69	21.910	3122	3127	3137	rBV2	23383	60388	6.19%	0.563%
70	22.074	3146	3155	3161	rBV4	170136	539863	55.35%	5.037%
71	22.127	3161	3164	3177	rVB	142498	264431	27.11%	2.467%
72	22.239	3177	3183	3188	rBV6	20443	39691	4.07%	0.370%
73	22.297	3189	3193	3199	rBV3	17322	30541	3.13%	0.285%
74	22.509	3224	3229	3236	rBV3	18692	49206	5.05%	0.459%
75	22.873	3287	3291	3297	rVB2	30646	60348	6.19%	0.563%
76	22.949	3301	3304	3309	rVB3	26039	43162	4.43%	0.403%

LSC Area Percent Report

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ClientSampleId :
72-11982

Integration Parameters: rteint.p
Integrator: RTE
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Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	23.173	3336	3342	3346	rBV3	21519	48453	4.97%	0.452%
78	23.320	3363	3367	3373	rVB8	14018	28395	2.91%	0.265%
79	24.489	3557	3566	3575	rBV3	98690	372512	38.19%	3.476%
80	24.765	3607	3613	3622	rVB2	18135	51558	5.29%	0.481%
81	24.994	3647	3652	3658	rBV10	9959	27627	2.83%	0.258%
82	25.287	3693	3702	3715	rVB	60166	187499	19.22%	1.749%
83	25.452	3721	3730	3742	rVB	83303	255422	26.19%	2.383%
84	25.616	3747	3758	3767	rBV2	78117	254806	26.13%	2.378%
85	26.039	3825	3830	3833	rBV7	6147	14895	1.53%	0.139%
86	29.699	4441	4453	4470	rBV3	36664	174465	17.89%	1.628%
87	30.974	4661	4670	4685	rVB3	27882	136343	13.98%	1.272%

Sum of corrected areas: 10717357

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Instrument :
BNA_G
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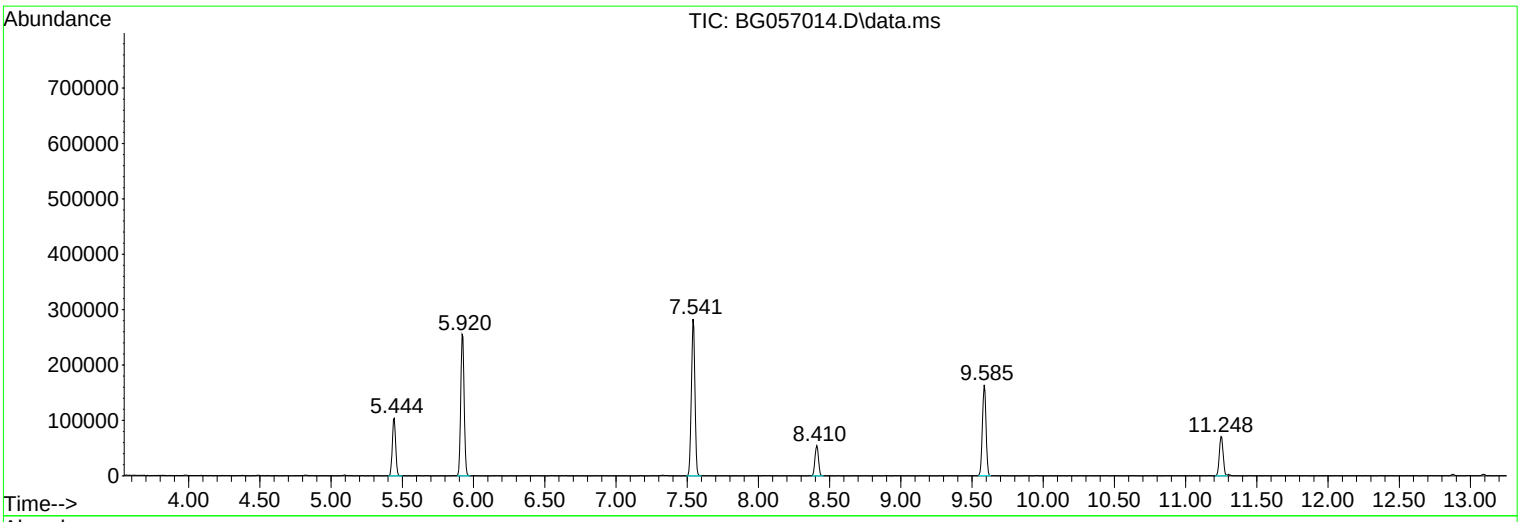
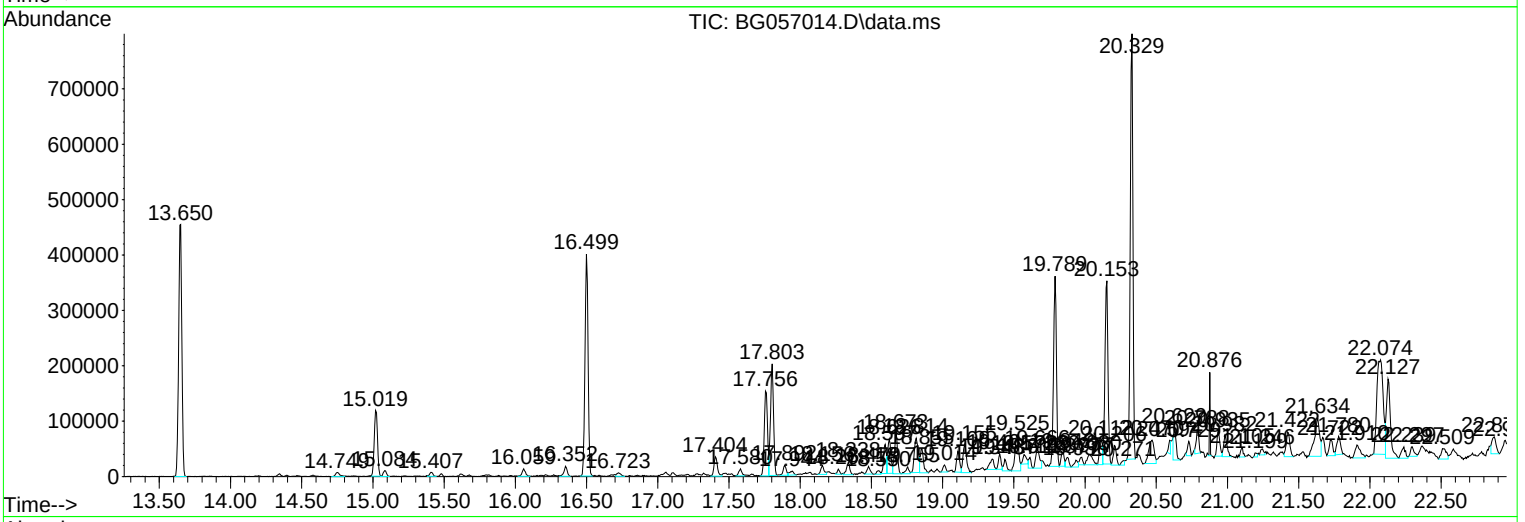
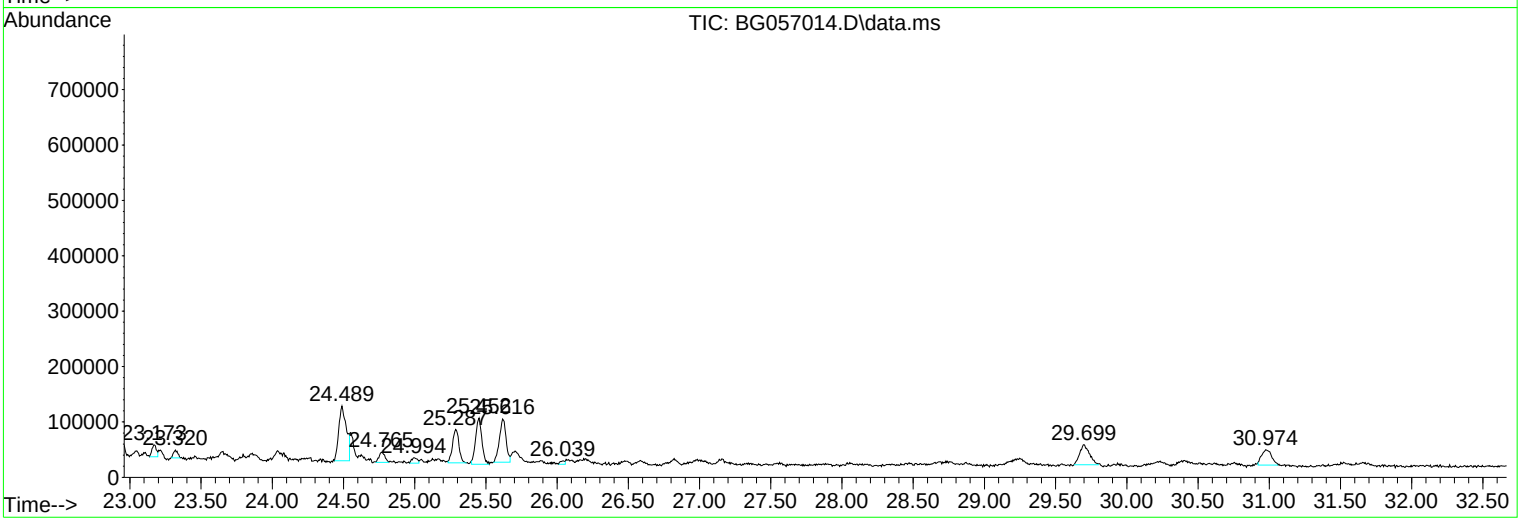
72-11982

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.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\BG040623\
Data File : BG057014.D
Acq On : 6 Apr 2023 16:12
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BNA_G
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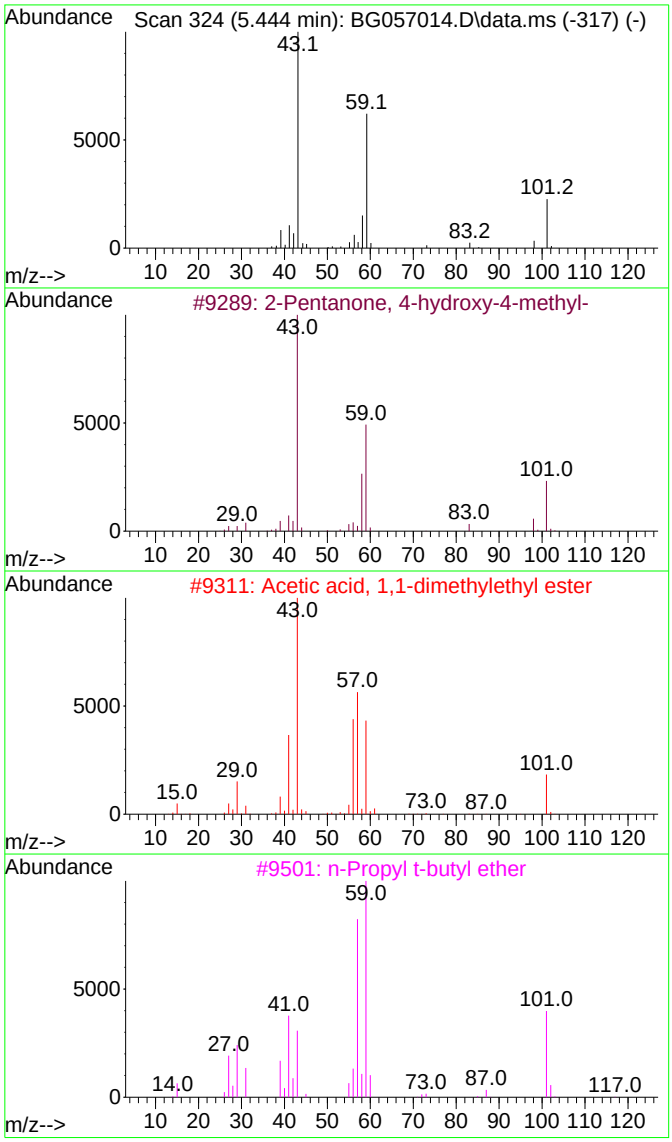
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

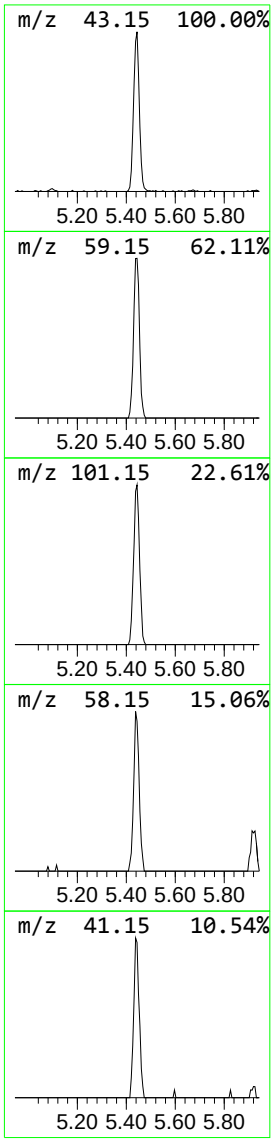
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.444	37.02 ng	171437	1,4-Dichlorobenzene-d4	8.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	n-Propyl t-butyl ether	116	C7H16O	1000334-81-9	36
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
5	1,2-Butanediol	90	C4H10O2	000584-03-2	23





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Instrument :
BNA_G
ClientSampleId :
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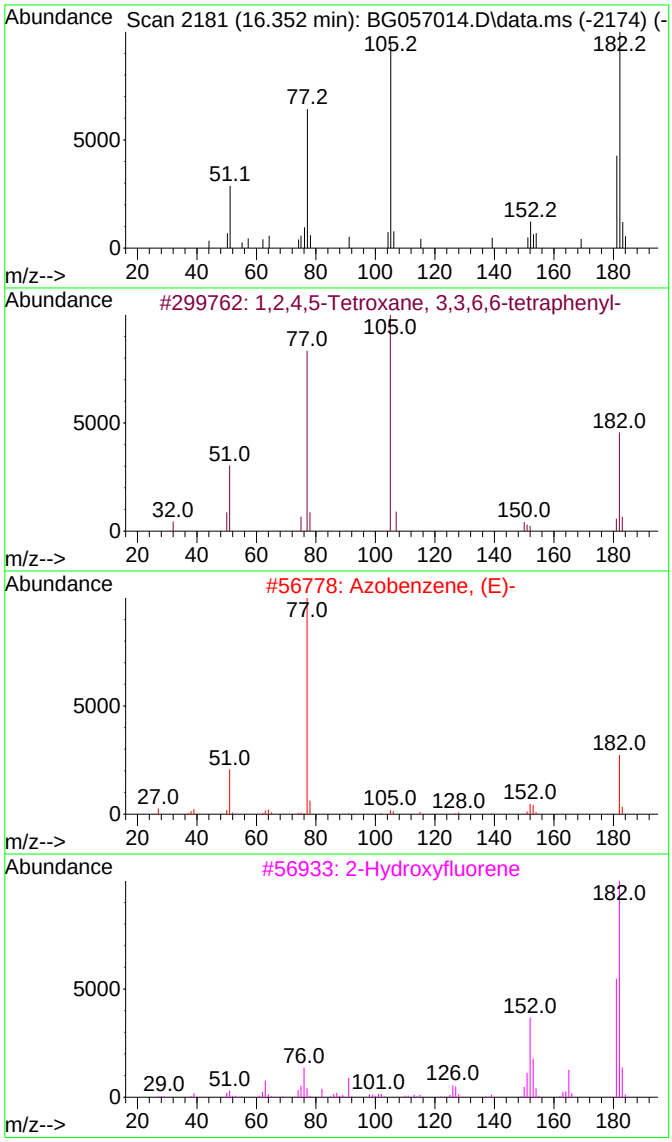
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

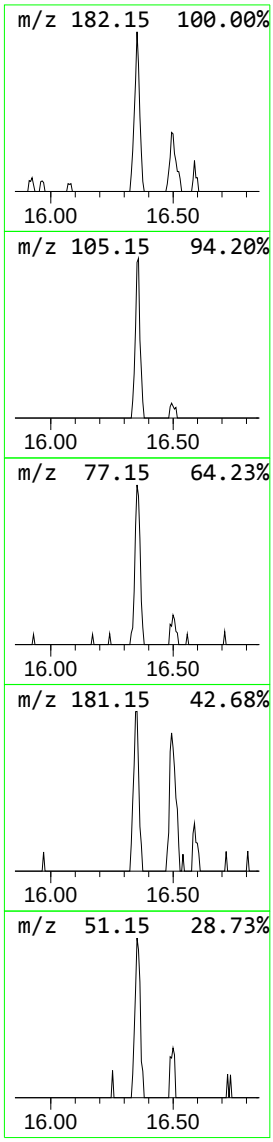
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 1,2,4,5-Tetroxane, 3,3,6,6-... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.352	2.95 ng	27852	Acenaphthene-d10	15.019

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,4,5-Tetroxane, 3,3,6,6-tetra...	396	C26H20O4	016204-36-7	59
2	Azobenzene, (E)-	182	C12H10N2	017082-12-1	50
3	2-Hydroxyfluorene	182	C13H10O	002443-58-5	49
4	Benzophenone	182	C13H10O	000119-61-9	49
5	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	46





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ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

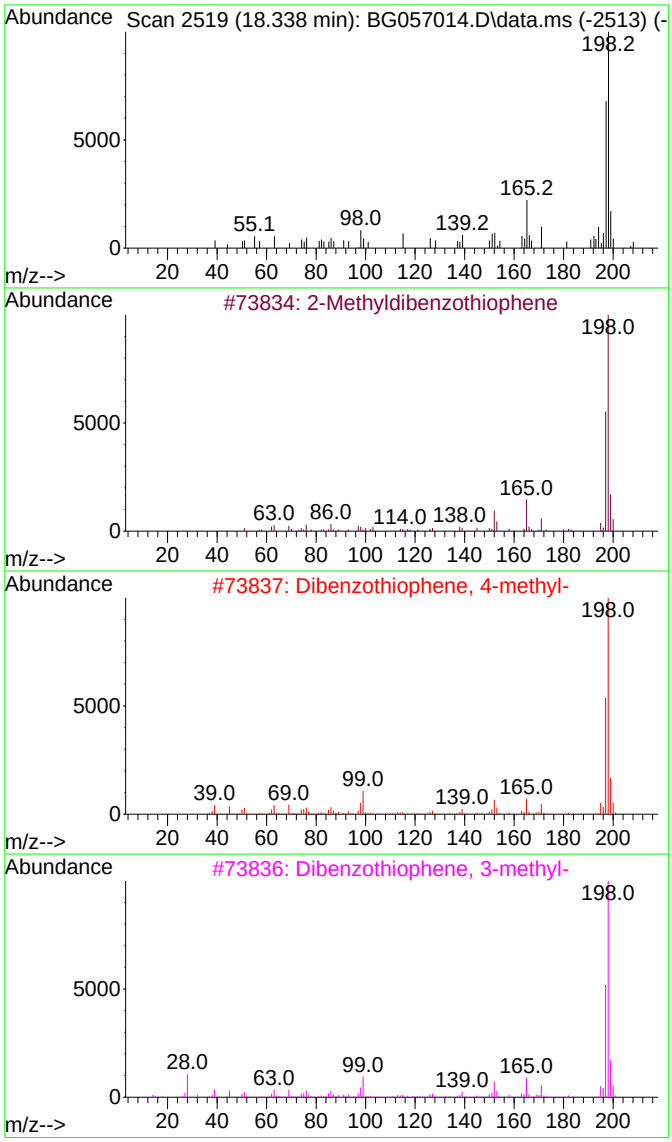
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

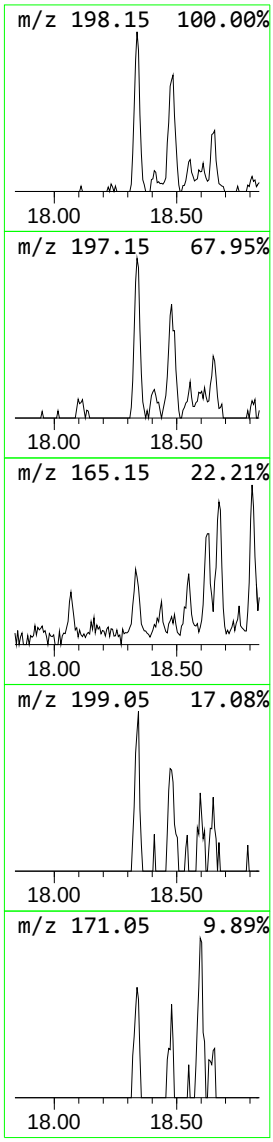
****

Peak Number 3 2-Methyldibenzothiophene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.338	2.98 ng	36472	Phenanthrene-d10	17.756

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyldibenzothiophene	198	C13H10S	1000383-55-1	87
2	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	87
3	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	83
4	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	80
5	4-Methylnaphtho[1,2-b]thiophene	198	C13H10S	067388-11-8	74





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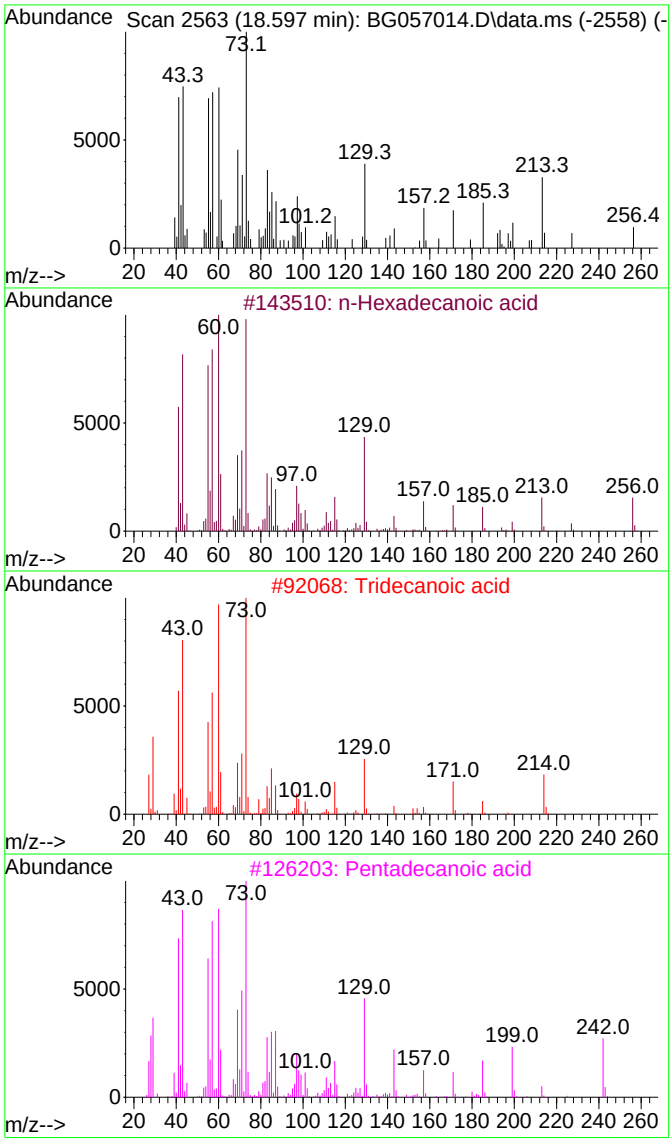
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

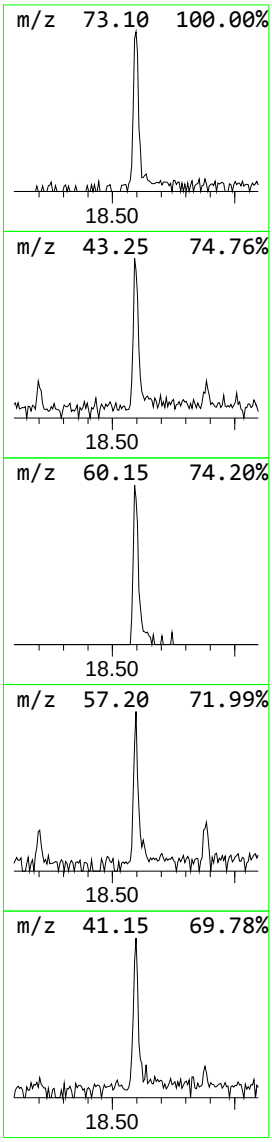
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.596	6.08 ng	74532	Phenanthrene-d10	17.756

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2	Tridecanoic acid	214	C13H26O2	000638-53-9	90
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	72
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	Dodecanoic acid	200	C12H24O2	000143-07-7	50





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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

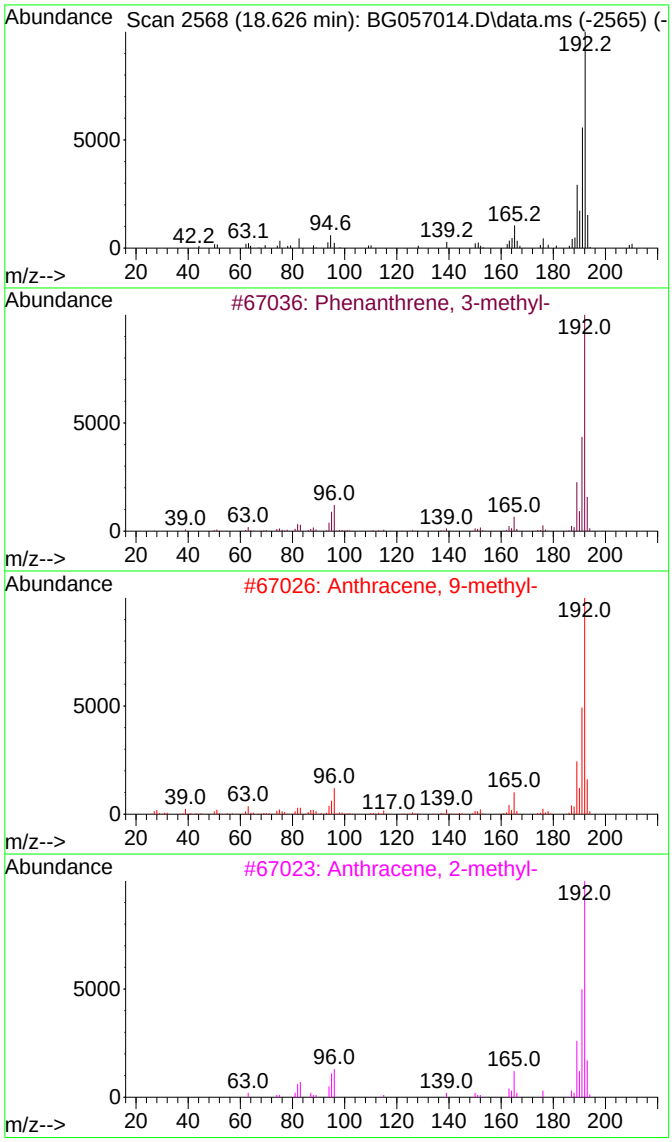
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

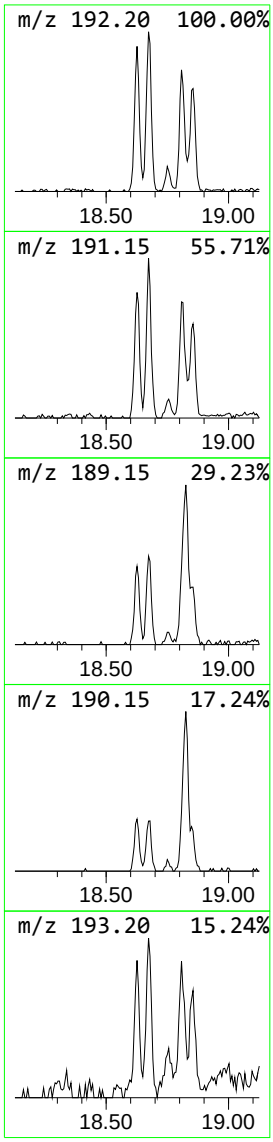
****

Peak Number 5 Phenanthrene, 3-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.626	7.77 ng	95200	Phenanthrene-d10	17.756

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	87
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	87
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	83
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	81





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ClientSampleId :
72-11982

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

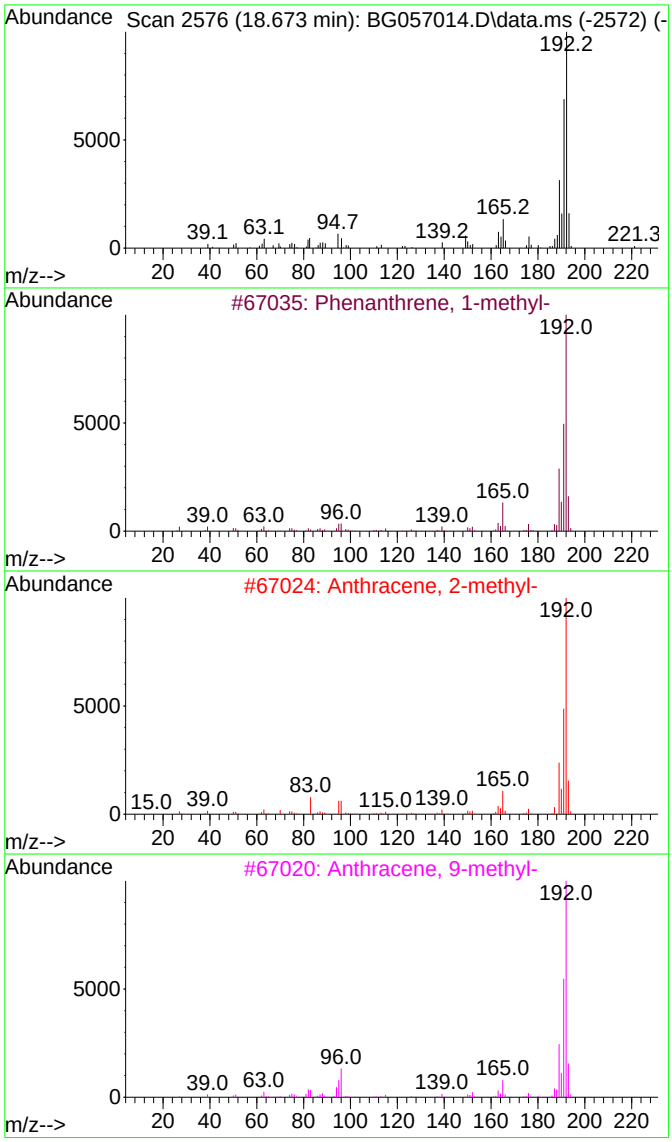
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

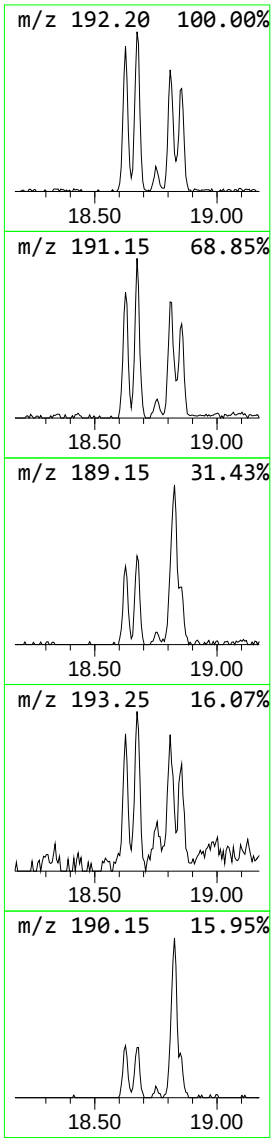
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.673	8.83 ng	108228	Phenanthrene-d10	17.756

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87





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Operator : CG/JU
Sample : 02191-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

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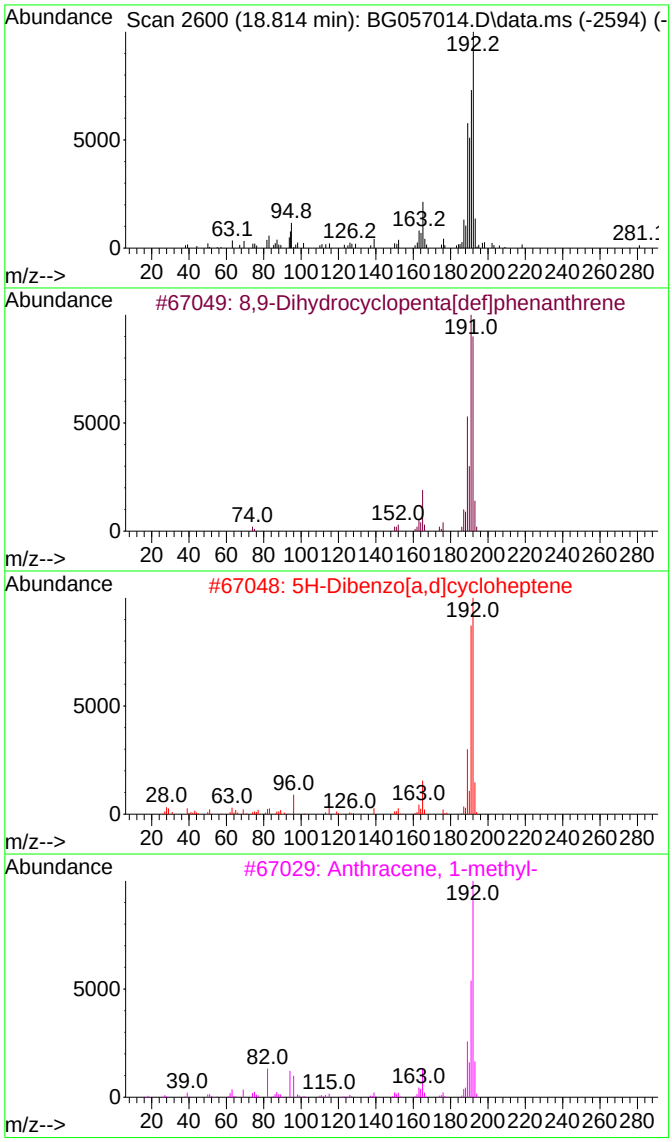
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

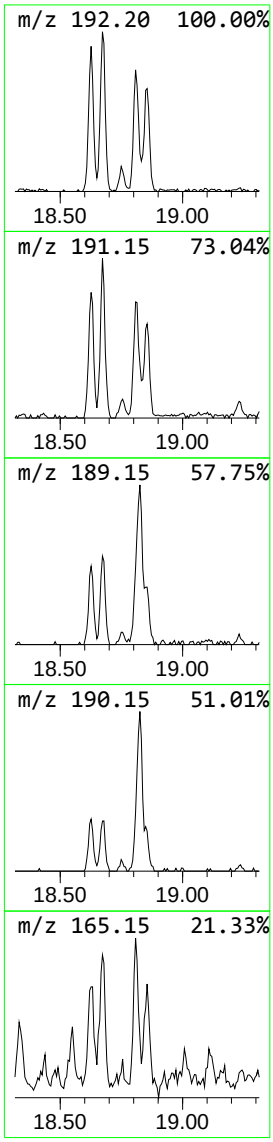
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 8,9-Dihydrocyclopenta[def]p... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.814	10.17 ng	124644	Phenanthrene-d10	17.756

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	8,9-Dihydrocyclopenta[def]phenan...	192	C15H12	027410-55-5	62
2	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	60
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	55
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	53
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	53





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

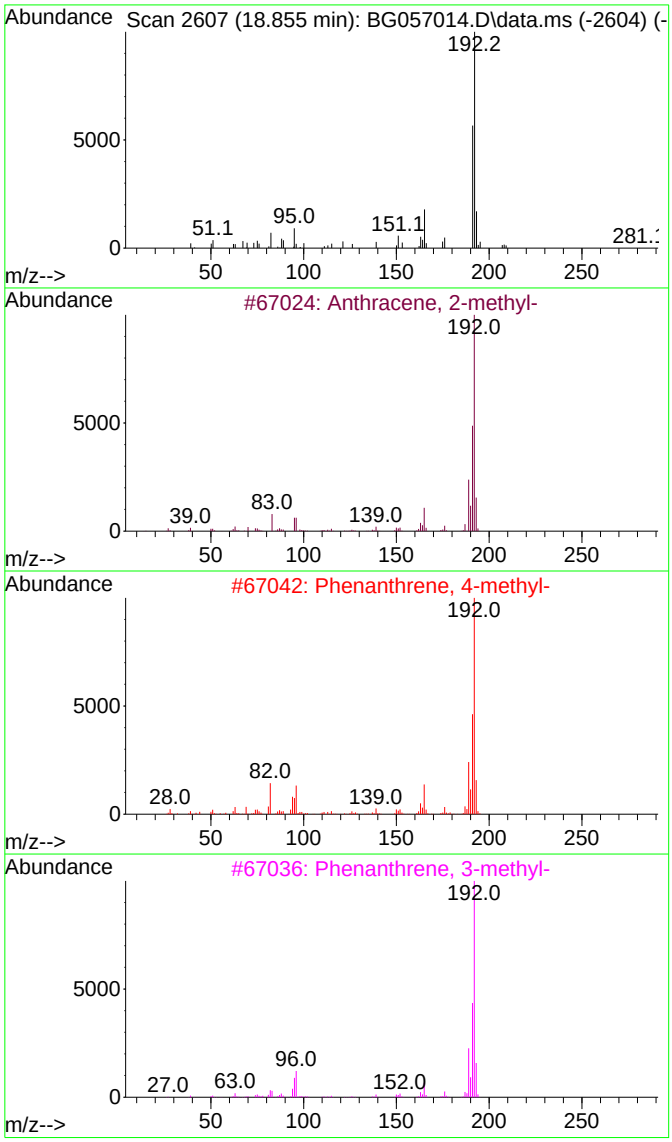
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

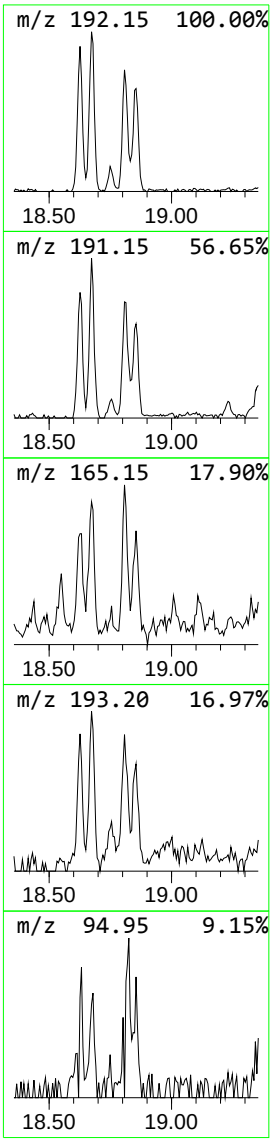
****

Peak Number 8 Anthracene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.855	5.44 ng	66620	Phenanthrene-d10	17.756

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	91
3	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	91
4	Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	91
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





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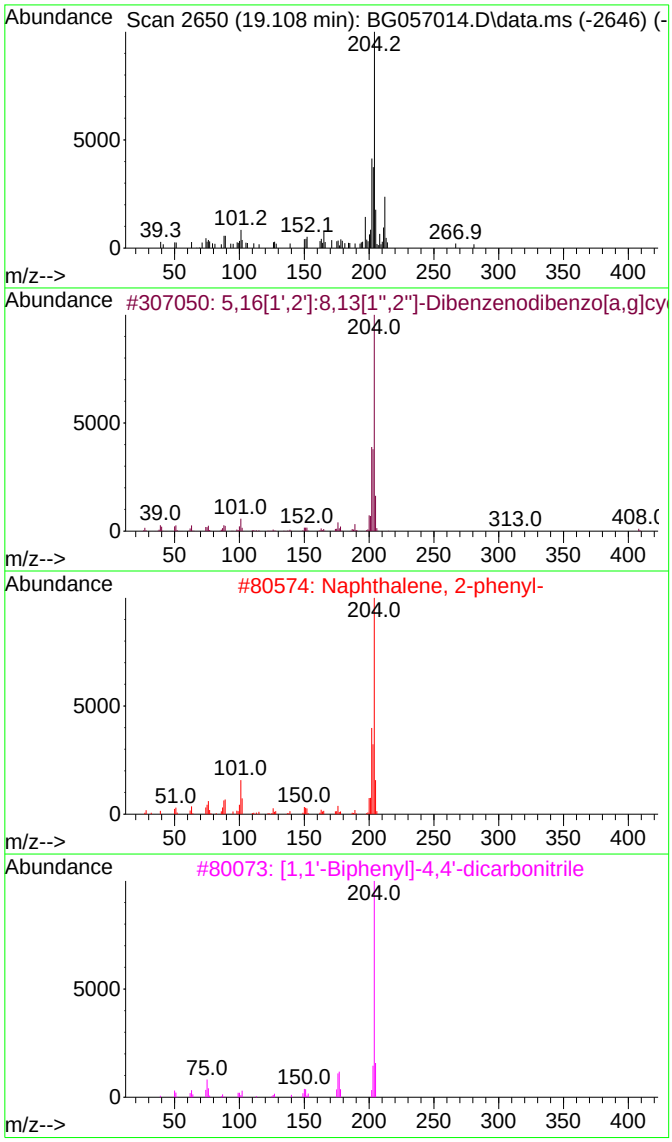
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

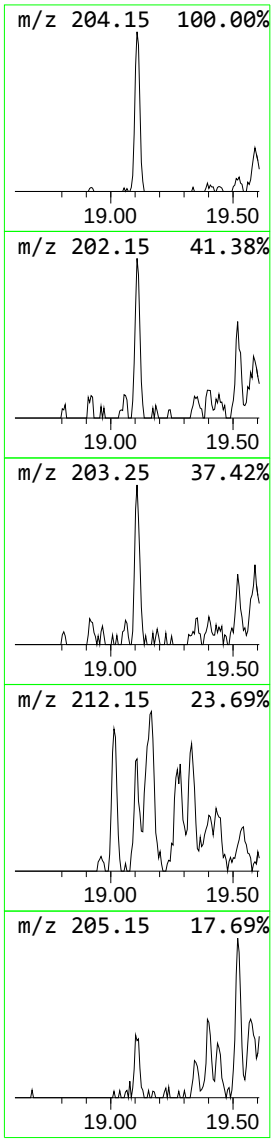
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.108	4.63 ng	56699	Phenanthrene-d10	17.756

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	64
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	55
3	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	50
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	49
5	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	43





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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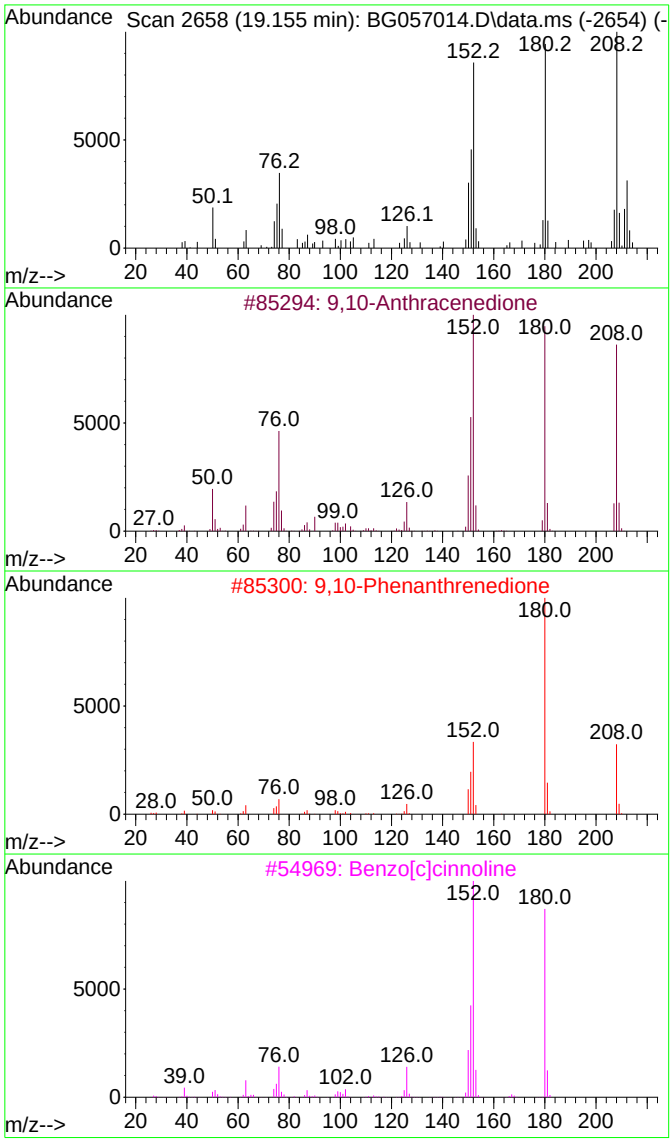
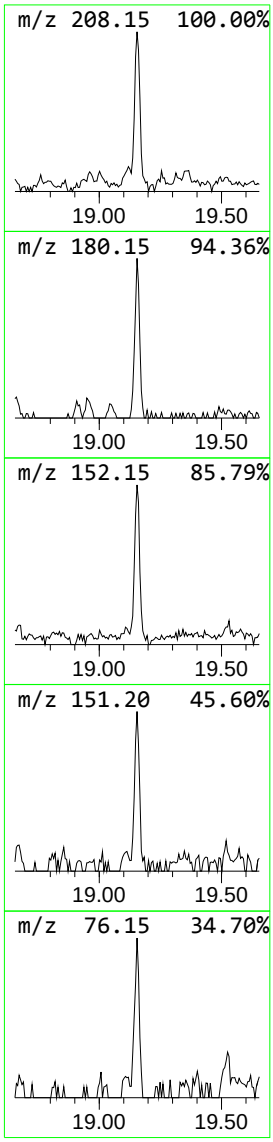
Peak Number 10 9,10-Anthracenedione Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.155	7.21 ng	88318	Phenanthrene-d10	17.756

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
2	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	64
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	60
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	55
5	5,6-Dimethyl-1,10-phenanthroline	208	C14H12N2	003002-81-1	49





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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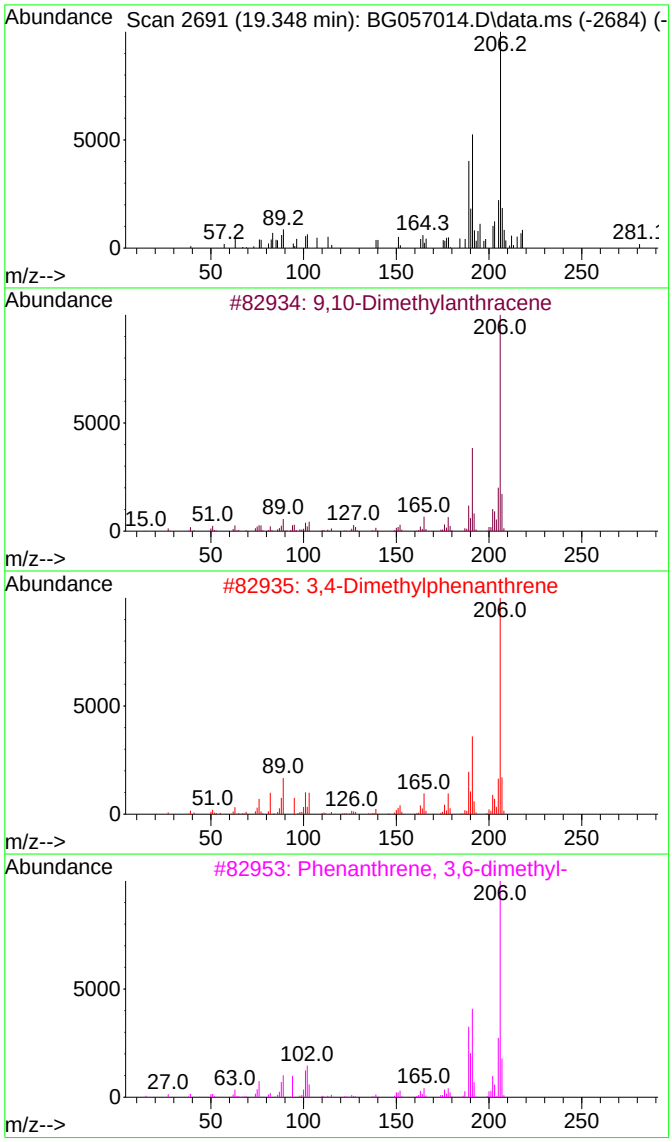
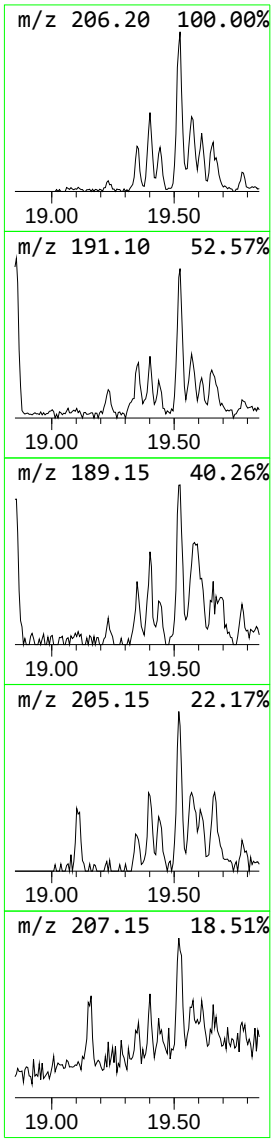
Peak Number 11 9,10-Dimethylanthracene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.349	3.09 ng	37887	Phenanthrene-d10	17.756

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	76
2	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	72
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	68
4	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	62
5	3-Methyl-1-phenyl-1H-indene	206	C16H14	022360-63-0	62





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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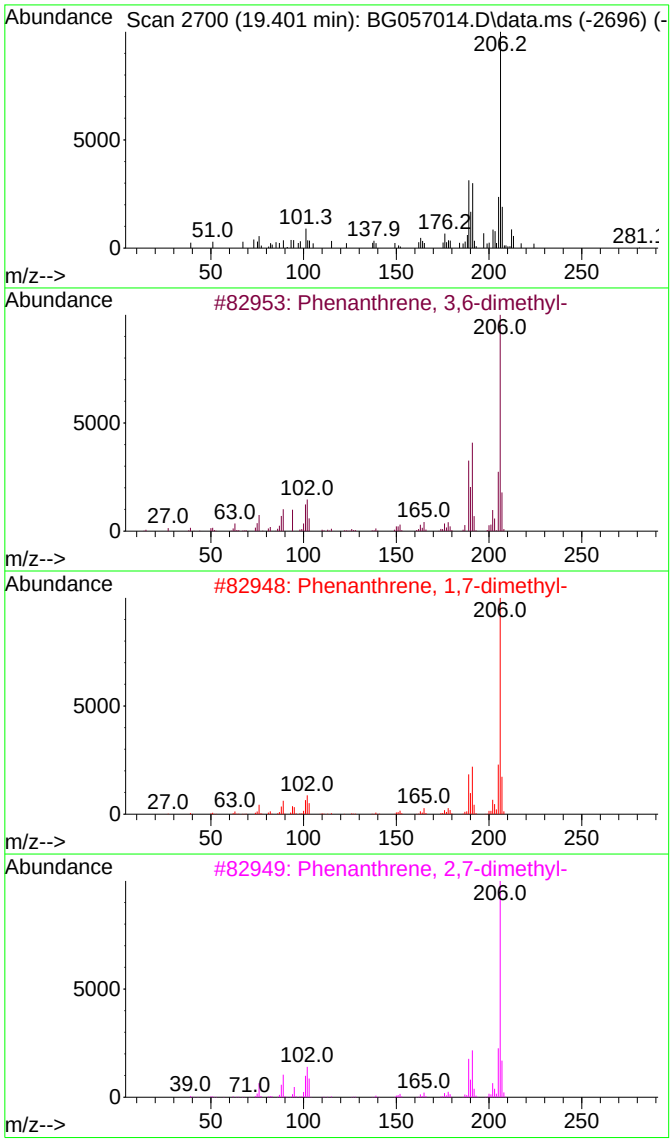
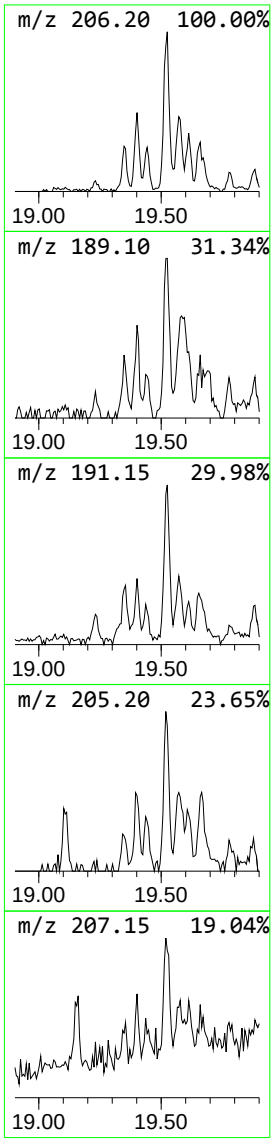
Peak Number 12 Phenanthrene, 3,6-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.401	2.84 ng	34761	Phenanthrene-d10	17.756

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90
3	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	90
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	76
5	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	72





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Sample : 02191-02
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ALS Vial : 8 Sample Multiplier: 1

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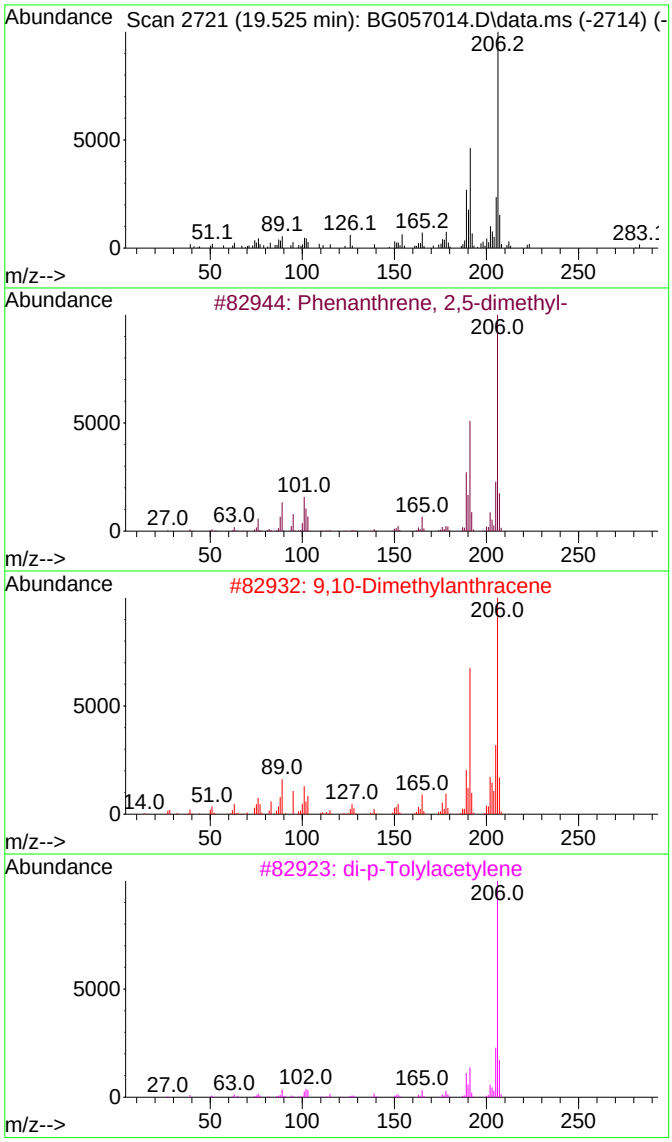
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

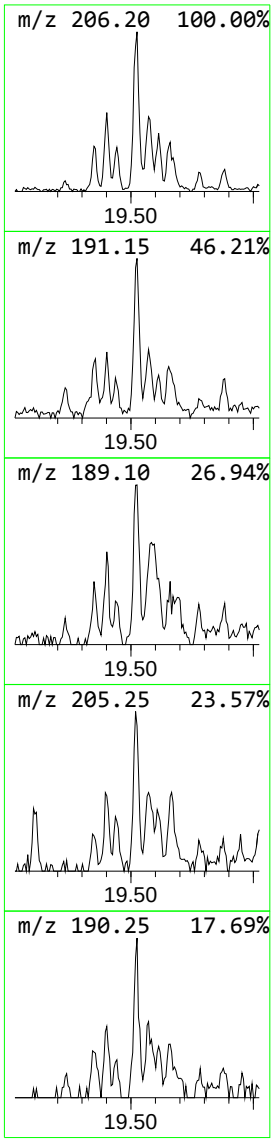
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Phenanthrene, 2,5-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.525	9.88 ng	121066	Phenanthrene-d10	17.756

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	94
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	90





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Misc :
ALS Vial : 8 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

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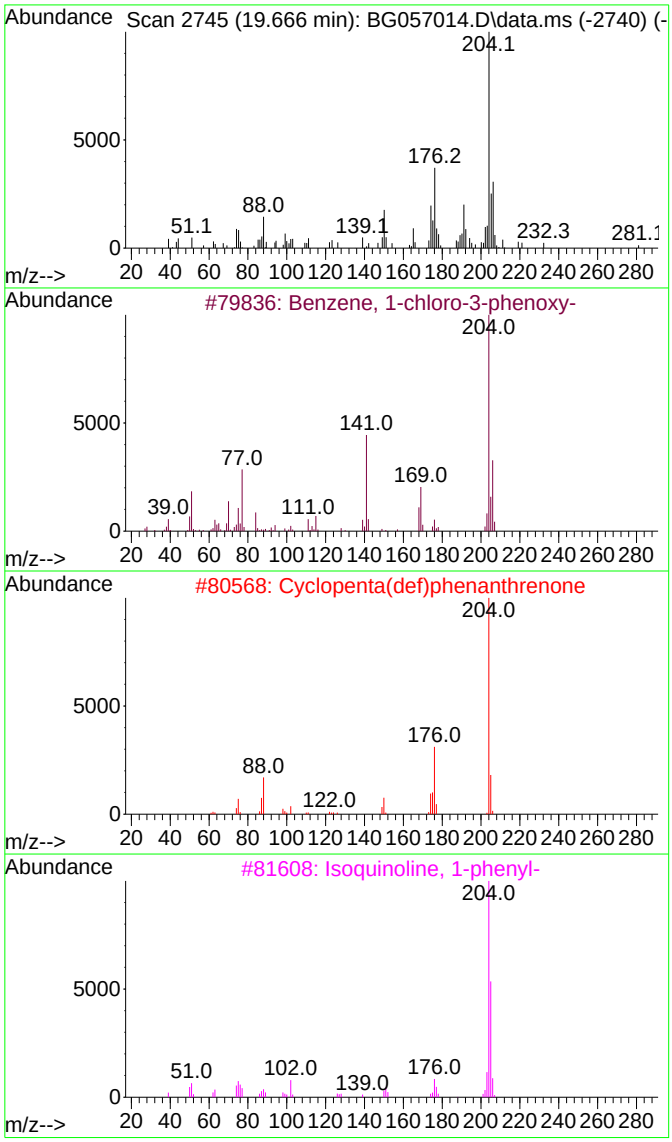
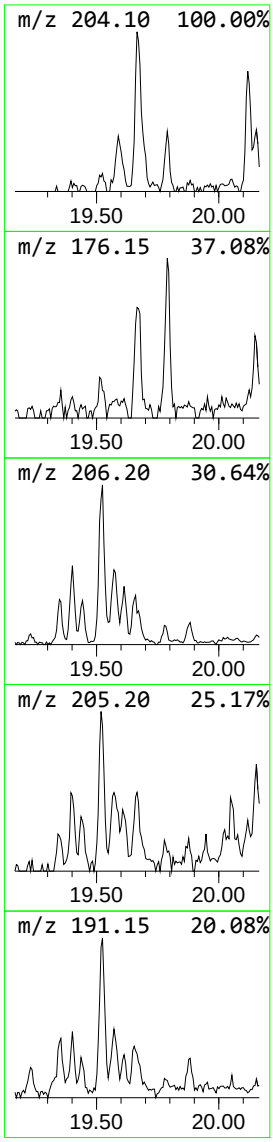
Peak Number 14 unknown19.666 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.666	5.62 ng	68842	Phenanthrene-d10	17.756

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-chloro-3-phenoxy-	204	C12H9ClO	006452-49-9	49
2	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	47
3	Isoquinoline, 1-phenyl-	205	C15H11N	003297-72-1	43
4	6-Chloro[1,2,4]triazolo[3,4-a]ph...	204	C9H5ClN4	052494-53-8	43
5	Benzene, 1-chloro-4-phenoxy-	204	C12H9ClO	007005-72-3	43





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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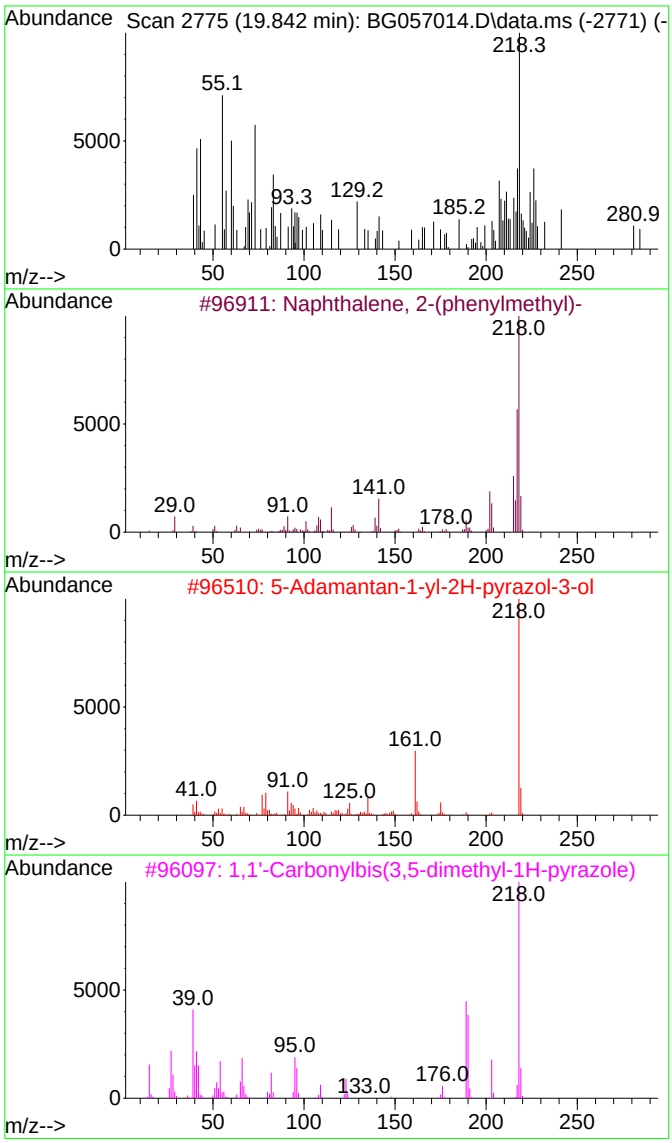
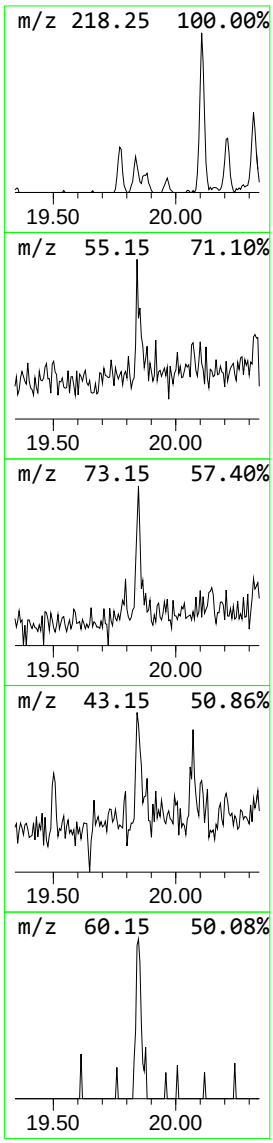
Peak Number 15 unknown19.842 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.842	3.23 ng	39564	Phenanthrene-d10	17.756

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-(phenylmethyl)-	218	C17H14	000613-59-2	18
2	5-Adamantan-1-yl-2H-pyrazol-3-ol	218	C13H18N2O	1000274-32-3	18
3	1,1'-Carbonylbis(3,5-dimethyl-1H...	218	C11H14N4O	050476-17-0	18
4	Disulfide, diphenyl	218	C12H10S2	000882-33-7	18
5	Cyclohexano[b]naphthalene, 6,7-d...	218	C14H12F2	1000116-64-1	18





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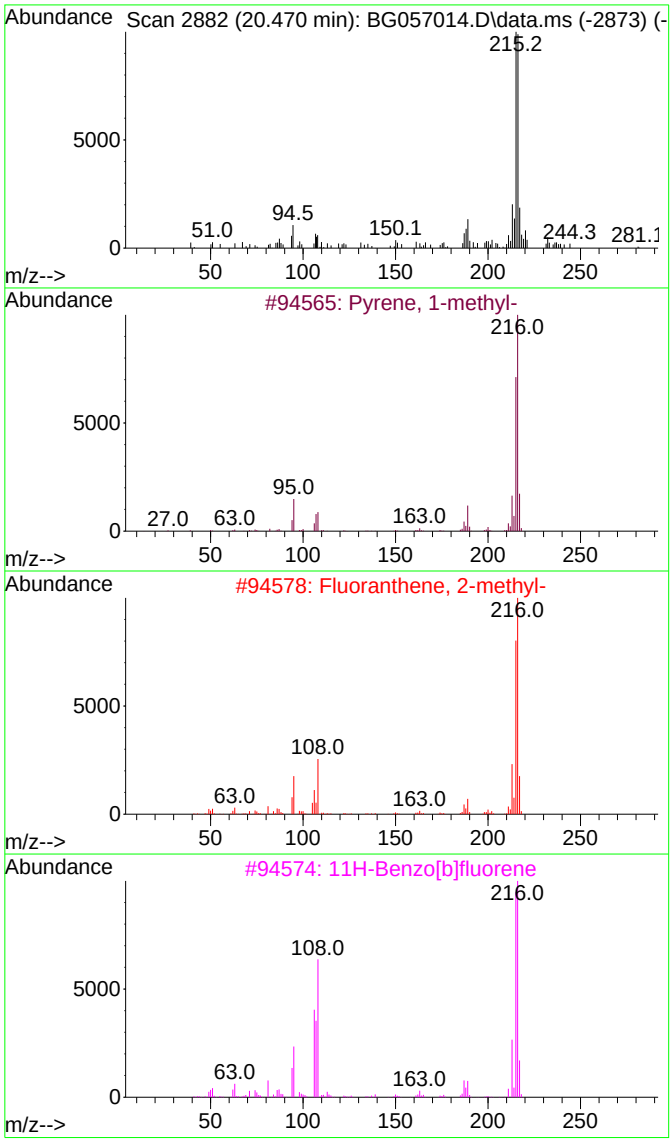
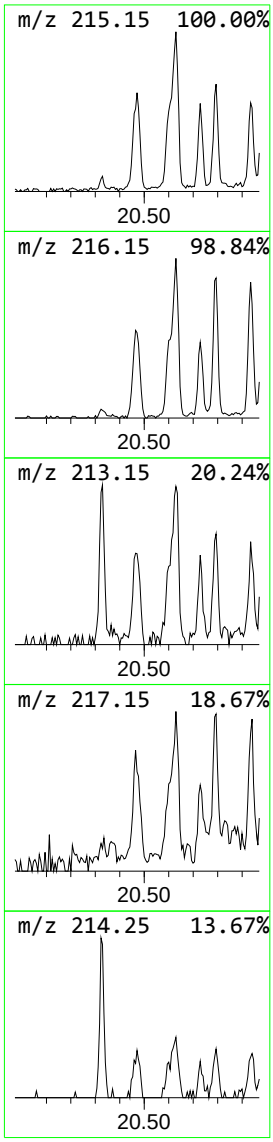
****

Peak Number 16 Pyrene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.471	4.13 ng	111501	Chrysene-d12	22.080

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	83
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	80
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	70





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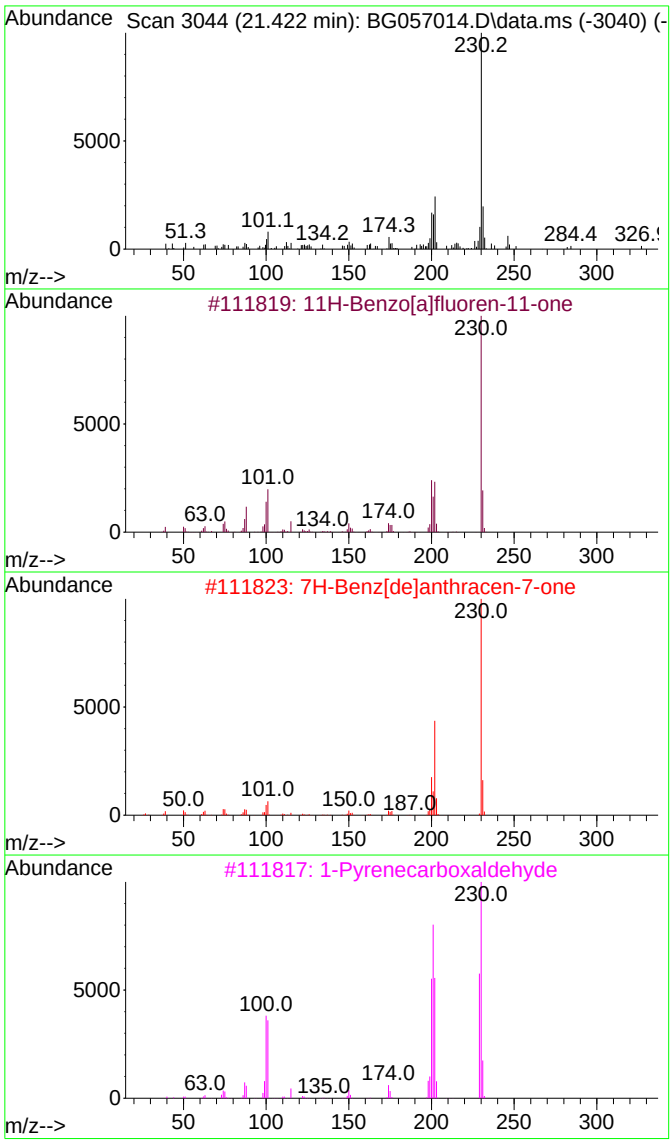
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

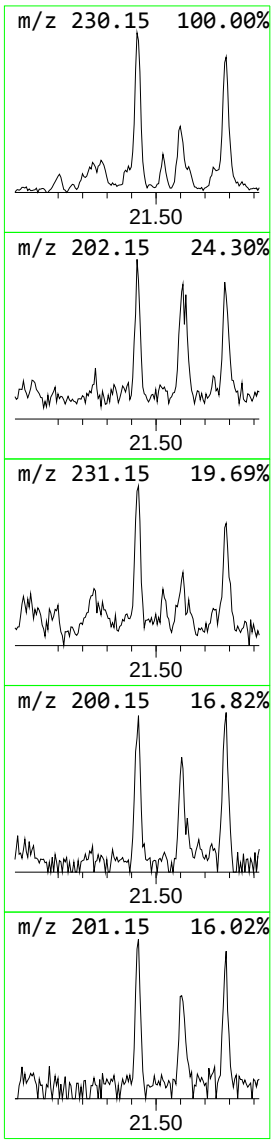
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 11H-Benzo[a]fluoren-11-one Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.422	2.89 ng	77945	Chrysene-d12	22.080

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	87
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	64
3	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	64
4	(E)-.alpha.,.alpha.'-Dicyanostil...	230	C16H10N2	002450-55-7	59
5	5,7-Dimethyl-8-hydroxyquinoline,...	287	C17H25NOSi	1000463-41-6	59





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Data File : BG057014.D
Acq On : 6 Apr 2023 16:12
Operator : CG/JU
Sample : 02191-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
72-11982

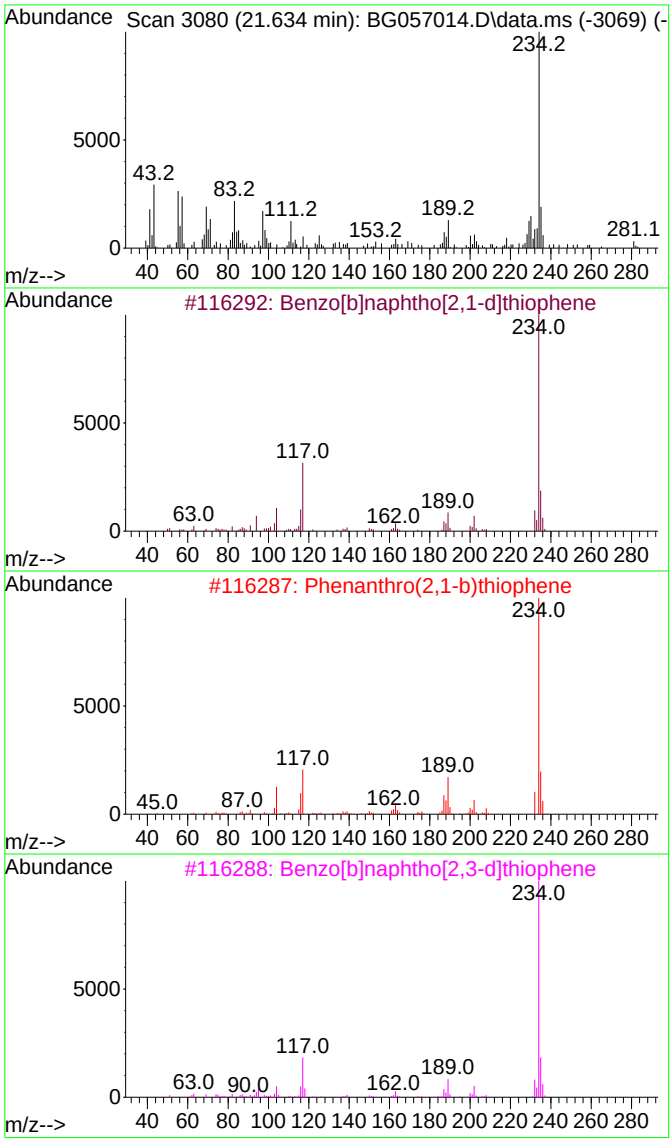
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

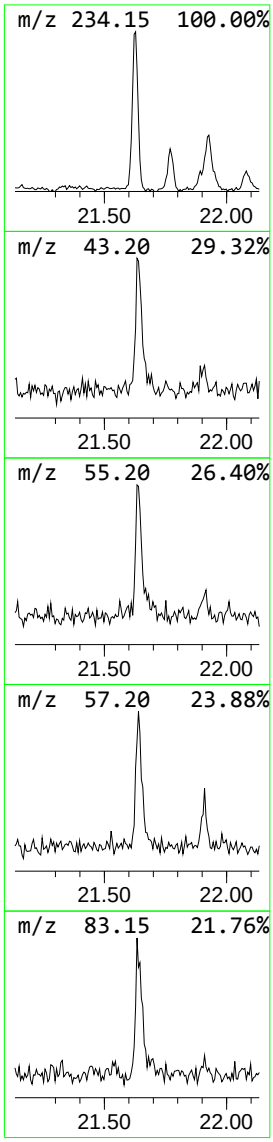
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.634	6.43 ng	173451	Chrysene-d12	22.080

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	90
2	Phenanthro(2,1-b)thiophene	234	C16H10S	000219-25-0	86
3	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	81
4	Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	76
5	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040623\
Data File : BG057014.D
Acq On : 6 Apr 2023 16:12
Operator : CG/JU
Sample : 02191-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
72-11982

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.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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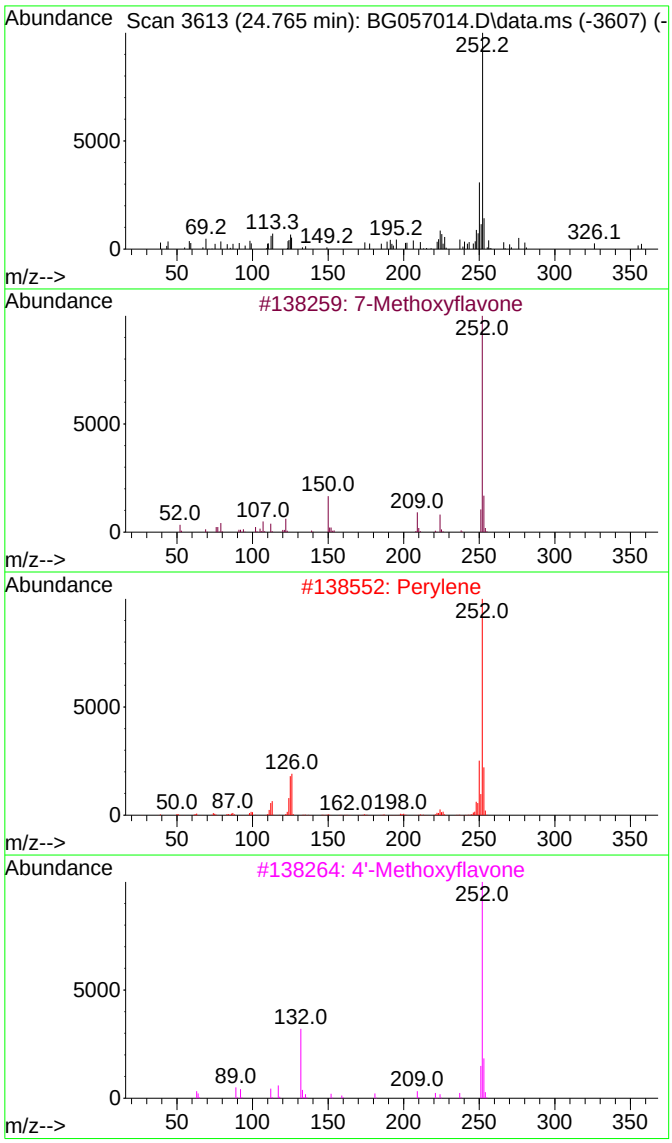
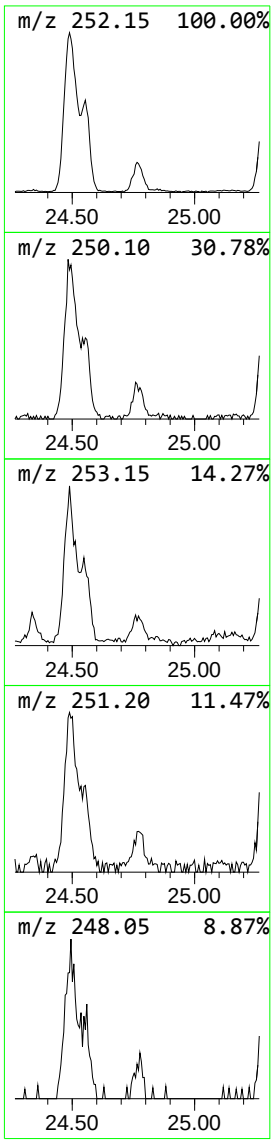
Peak Number 19 7-Methoxyflavone Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.765	4.05 ng	51558	Perylene-d12	25.622

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Methoxyflavone	252	C16H12O3	022395-22-8	52
2	Perylene	252	C20H12	000198-55-0	52
3	4'-Methoxyflavone	252	C16H12O3	004143-74-2	50
4	2-Anthraquinonecarboxylic acid	252	C15H8O4	000117-78-2	50
5	2-[3-Methoxyphenyl]-4H-1-benzopy...	252	C16H12O3	053906-83-5	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040623\
Data File : BG057014.D
Acq On : 6 Apr 2023 16:12
Operator : CG/JU
Sample : 02191-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
72-11982

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

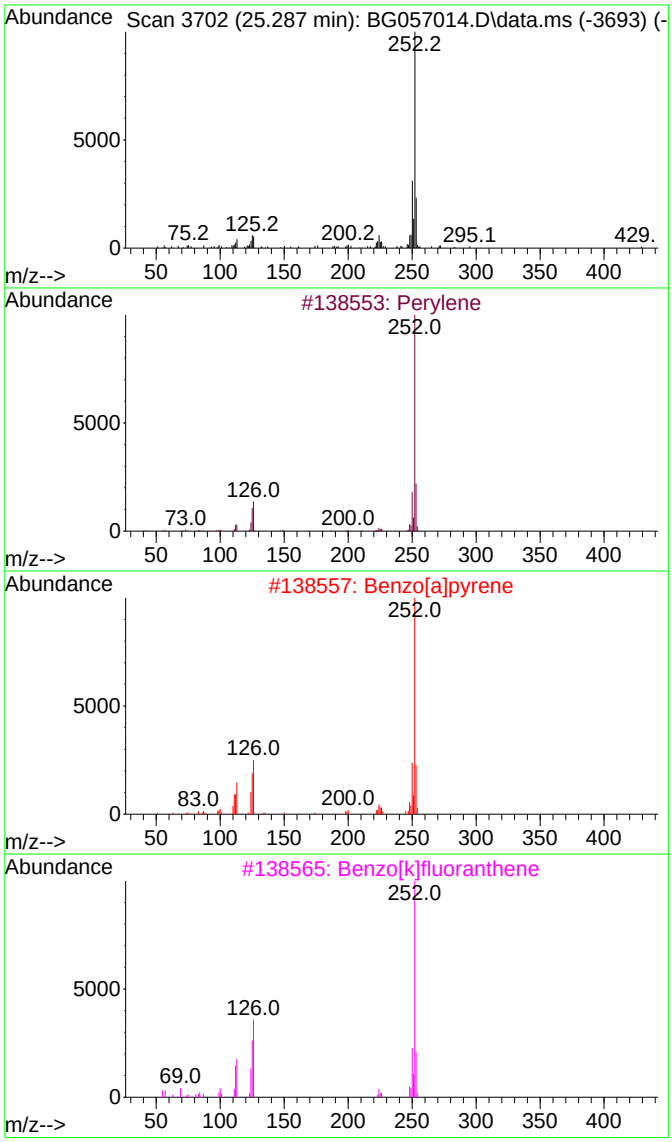
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

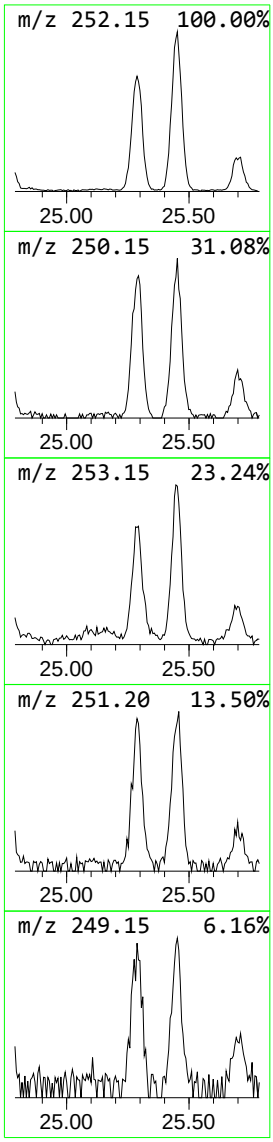
****

Peak Number 20 Perylene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.288	14.72 ng	187499	Perylene-d12	25.622

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	90
2	Benzo[a]pyrene	252	C20H12	000050-32-8	89
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	81
4	Benzo[e]pyrene	252	C20H12	000192-97-2	81
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	76





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040623\
Data File : BG057014.D
Acq On : 6 Apr 2023 16:12
Operator : CG/JU
Sample : 02191-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
72-11982

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.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-...	5.444	37.0	ng	171437	1	8.410	92613	20.0
1,2,4,5-Tetroxa...	16.352	3.0	ng	27852	3	15.019	188840	20.0
2-Methyldibenzo...	18.338	3.0	ng	36472	4	17.756	245130	20.0
n-Hexadecanoic ...	18.596	6.1	ng	74532	4	17.756	245130	20.0
Phenanthrene, 3...	18.626	7.8	ng	95200	4	17.756	245130	20.0
Phenanthrene, 1...	18.673	8.8	ng	108228	4	17.756	245130	20.0
8,9-Dihydrocycl...	18.814	10.2	ng	124644	4	17.756	245130	20.0
Anthracene, 2-m...	18.855	5.4	ng	66620	4	17.756	245130	20.0
5,16[1',2']:8,1...	19.108	4.6	ng	56699	4	17.756	245130	20.0
9,10-Anthracene...	19.155	7.2	ng	88318	4	17.756	245130	20.0
9,10-Dimethylan...	19.349	3.1	ng	37887	4	17.756	245130	20.0
Phenanthrene, 3...	19.401	2.8	ng	34761	4	17.756	245130	20.0
Phenanthrene, 2...	19.525	9.9	ng	121066	4	17.756	245130	20.0
unknown19.666	19.666	5.6	ng	68842	4	17.756	245130	20.0
unknown19.842	19.842	3.2	ng	39564	4	17.756	245130	20.0
Pyrene, 1-methyl-	20.471	4.1	ng	111501	5	22.080	539863	20.0
11H-Benzo[a]flu...	21.422	2.9	ng	77945	5	22.080	539863	20.0
Benzo[b]naphtho...	21.634	6.4	ng	173451	5	22.080	539863	20.0
7-Methoxyflavone	24.765	4.0	ng	51558	6	25.622	254806	20.0
Perylene	25.288	14.7	ng	187499	6	25.622	254806	20.0