LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022223\
Data File : BG056698.D
Acq On : 22 Feb 2023 15:13
Operator : CG/JU
Sample : 01638-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : VB-15-241

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-BG021523.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG056698.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.455	320	326	334	rVB	105685	154351	13.57%	1.184%
2	5.937	401	408	417	rVB	237479	384087	33.78%	2.946%
3	7.553	675	683	692	rBV	261221	460782	40.52%	3.534%
4	8.428	825	832	841	rBV	58730	98161	8.63%	0.753%
5	9.603	1024	1032	1040	rVB	159199	286347	25.18%	2.196%
6	11.266	1307	1315	1319	rBV	84698	147666	12.99%	1.133%
7	11.319	1319	1324	1331	rVB	95589	166088	14.61%	1.274%
8	12.435	1508	1514	1521	rVB7	9178	21615	1.90%	0.166%
9	12.888	1586	1591	1599	rVB	80084	126682	11.14%	0.972%
10	13.105	1620	1628	1637	rVB	111932	191672	16.86%	1.470%
11	13.663	1715	1723	1729	rBV	469871	733691	64.52%	5.627%
12	13.828	1745	1751	1754	rBV4	10466	18759	1.65%	0.144%
13	13.869	1754	1758	1762	rVB2	13684	21476	1.89%	0.165%
14	14.069	1786	1792	1796	rBV	37745	65769	5.78%	0.504%
15	14.216	1808	1817	1822	rBV	45507	112559	9.90%	0.863%
16	14.357	1834	1841	1846	rBV	82291	147928	13.01%	1.135%
17	14.410	1846	1850	1855	rVB	30862	48814	4.29%	0.374%
18	14.457	1855	1858	1862	rBV5	10640	16539	1.45%	0.127%
19	14.592	1875	1881	1884	rBV	48283	74984	6.59%	0.575%
20	14.756	1904	1909	1917	rVB	54594	94018	8.27%	0.721%
21	14.862	1923	1927	1934	rVB7	12790	20167	1.77%	0.155%
22	14.991	1944	1949	1951	rBV2	25415	39730	3.49%	0.305%
23	15.032	1951	1956	1961	rVV	157007	243726	21.43%	1.869%
24	15.097	1961	1967	1973	rVV	182085	282411	24.84%	2.166%
25	15.226	1983	1989	1998	rBV2	34672	77639	6.83%	0.595%
26	15.309	1998	2003	2006	rBV4	11438	19848	1.75%	0.152%
27	15.414	2015	2021	2028	rVB3	51601	105778	9.30%	0.811%
28	15.491	2028	2034	2040	rBV2	35895	54388	4.78%	0.417%
29	15.638	2051	2059	2063	rBV3	32826	69293	6.09%	0.531%
30	15.685	2063	2067	2071	rVB	27358	38117	3.35%	0.292%
31	15.802	2081	2087	2091	rBV7	32241	82364	7.24%	0.632%
32	15.837	2091	2093	2098	rVB2	27516	32305	2.84%	0.248%
33	15.896	2098	2103	2107	rBV	15843	25566	2.25%	0.196%
34	15.972	2112	2116	2120	rVB3	16910	27602	2.43%	0.212%
35	16.019	2120	2124	2126	rBV2	12021	17380	1.53%	0.133%
36	16.066	2126	2132	2143	rVV2	114369	212905	18.72%	1.633%

LSC Area Percent Report

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Acq On : 22 Feb 2023 15:13
Operator : CG/JU
Sample : 01638-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : VB-15-241

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-BG021523.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	16.160	2143	2148	2151	rVV	42142	70663	6.21%	0.542%
38	16.196	2151	2154	2157	rVV2	37955	61103	5.37%	0.469%
39	16.231	2157	2160	2164	rVV2	41933	60905	5.36%	0.467%
40	16.278	2164	2168	2172	rVV3	37353	62756	5.52%	0.481%
41	16.319	2172	2175	2179	rVV	28815	56201	4.94%	0.431%
42	16.366	2179	2183	2188	rVB2	85707	128709	11.32%	0.987%
43	16.507	2198	2207	2215	rVB	434900	687063	60.42%	5.270%
44	16.725	2237	2244	2249	rBV7	21818	50502	4.44%	0.387%
45	16.866	2264	2268	2271	rBV4	14393	21062	1.85%	0.162%
46	16.913	2271	2276	2279	rBV6	9475	19253	1.69%	0.148%
47	17.065	2294	2302	2307	rBV4	47078	115491	10.16%	0.886%
48	17.118	2307	2311	2317	rVV2	39982	59586	5.24%	0.457%
49	17.218	2323	2328	2332	rVB2	31076	50698	4.46%	0.389%
50	17.277	2333	2338	2339	rBV4	12975	19680	1.73%	0.151%
51	17.424	2359	2363	2369	rVB4	25400	48257	4.24%	0.370%
52	17.582	2386	2390	2396	rVB2	28307	47987	4.22%	0.368%
53	17.770	2415	2422	2425	rBV	195722	328587	28.90%	2.520%
54	17.811	2425	2429	2435	rVV	421363	626648	55.11%	4.806%
55	17.900	2439	2444	2449	rVV	116364	181745	15.98%	1.394%
56	17.953	2449	2453	2457	rVV	28456	48983	4.31%	0.376%
57	18.000	2457	2461	2463	rVV4	14851	19971	1.76%	0.153%
58	18.035	2463	2467	2474	rVB8	12575	34516	3.04%	0.265%
59	18.170	2486	2490	2496	rBV7	10895	22599	1.99%	0.173%
60	18.282	2505	2509	2511	rBV	18416	22552	1.98%	0.173%
61	18.346	2517	2520	2524	rVB2	17622	23830	2.10%	0.183%
62	18.493	2540	2545	2551	rVB6	14749	29343	2.58%	0.225%
63	18.605	2560	2564	2565	rBV3	39333	46228	4.07%	0.355%
64	18.634	2565	2569	2573	rVV	119269	184378	16.21%	1.414%
65	18.681	2573	2577	2582	rVB	130830	184805	16.25%	1.417%
66	18.757	2586	2590	2595	rBV	66509	101187	8.90%	0.776%
67	18.828	2596	2602	2606	rVV2	128014	290316	25.53%	2.227%
68	18.863	2606	2608	2613	rVB2	87467	93550	8.23%	0.717%
69	19.022	2632	2635	2639	rVB5	19095	23629	2.08%	0.181%
70	19.116	2646	2651	2657	rVB	60284	82279	7.24%	0.631%
71	19.245	2668	2673	2675	rBV5	12297	16670	1.47%	0.128%
72	19.357	2688	2692	2697	rVB3	30847	42132	3.71%	0.323%
73	19.410	2697	2701	2704	rBV	23723	31003	2.73%	0.238%
74	19.445	2705	2707	2711	rVB	19724	19541	1.72%	0.150%
75	19.527	2715	2721	2726	rBV	85345	151387	13.31%	1.161%
76	19.586	2726	2731	2740	rVB5	40879	131483	11.56%	1.008%

LSC Area Percent Report

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Data File : BG056698.D
Acq On : 22 Feb 2023 15:13
Operator : CG/JU
Sample : 01638-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
VB-15-241

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

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Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG021523.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	19.662	2740	2744	2748	rBV3	23334	47649	4.19%	0.365%
78	19.792	2760	2766	2771	rBV	221752	329426	28.97%	2.527%
79	19.844	2772	2775	2779	rVV3	19700	27542	2.42%	0.211%
80	19.944	2787	2792	2801	rVB	61765	105994	9.32%	0.813%
81	20.156	2817	2828	2835	rBV	260704	440781	38.76%	3.381%
82	20.215	2835	2838	2843	rVB2	28054	37124	3.26%	0.285%
83	20.332	2853	2858	2864	rVB	867471	1137126	100.00%	8.721%
84	20.473	2876	2882	2889	rVB4	38022	88131	7.75%	0.676%
85	20.632	2902	2909	2914	rVB	79834	160417	14.11%	1.230%
86	20.732	2922	2926	2930	rBV	59803	79518	6.99%	0.610%
87	20.796	2933	2937	2940	rVB	38306	50638	4.45%	0.388%
88	20.890	2949	2953	2957	rBV2	23214	34022	2.99%	0.261%
89	20.937	2957	2961	2965	rVV	37134	58904	5.18%	0.452%
90	20.984	2966	2969	2980	rVB2	51846	85164	7.49%	0.653%
91	22.077	3146	3155	3160	rBV4	200429	514113	45.21%	3.943%
92	22.130	3160	3164	3172	rVB	80445	152920	13.45%	1.173%
93	22.870	3287	3290	3294	rVB	19150	24682	2.17%	0.189%
94	23.170	3338	3341	3345	rBV6	10871	17847	1.57%	0.137%
95	23.323	3365	3367	3373	rVB5	18083	23699	2.08%	0.182%
96	24.480	3557	3564	3565	rBV	27376	47348	4.16%	0.363%
97	24.551	3574	3576	3585	rVB4	30872	64079	5.64%	0.491%
98	25.291	3696	3702	3707	rVB	18163	43942	3.86%	0.337%
99	25.444	3721	3728	3739	rVB	45352	136305	11.99%	1.045%
100	25.614	3748	3757	3766	rBV3	102938	312486	27.48%	2.397%

Sum of corrected areas: 13038342

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022223\
Data File : BG056698.D
Acq On : 22 Feb 2023 15:13
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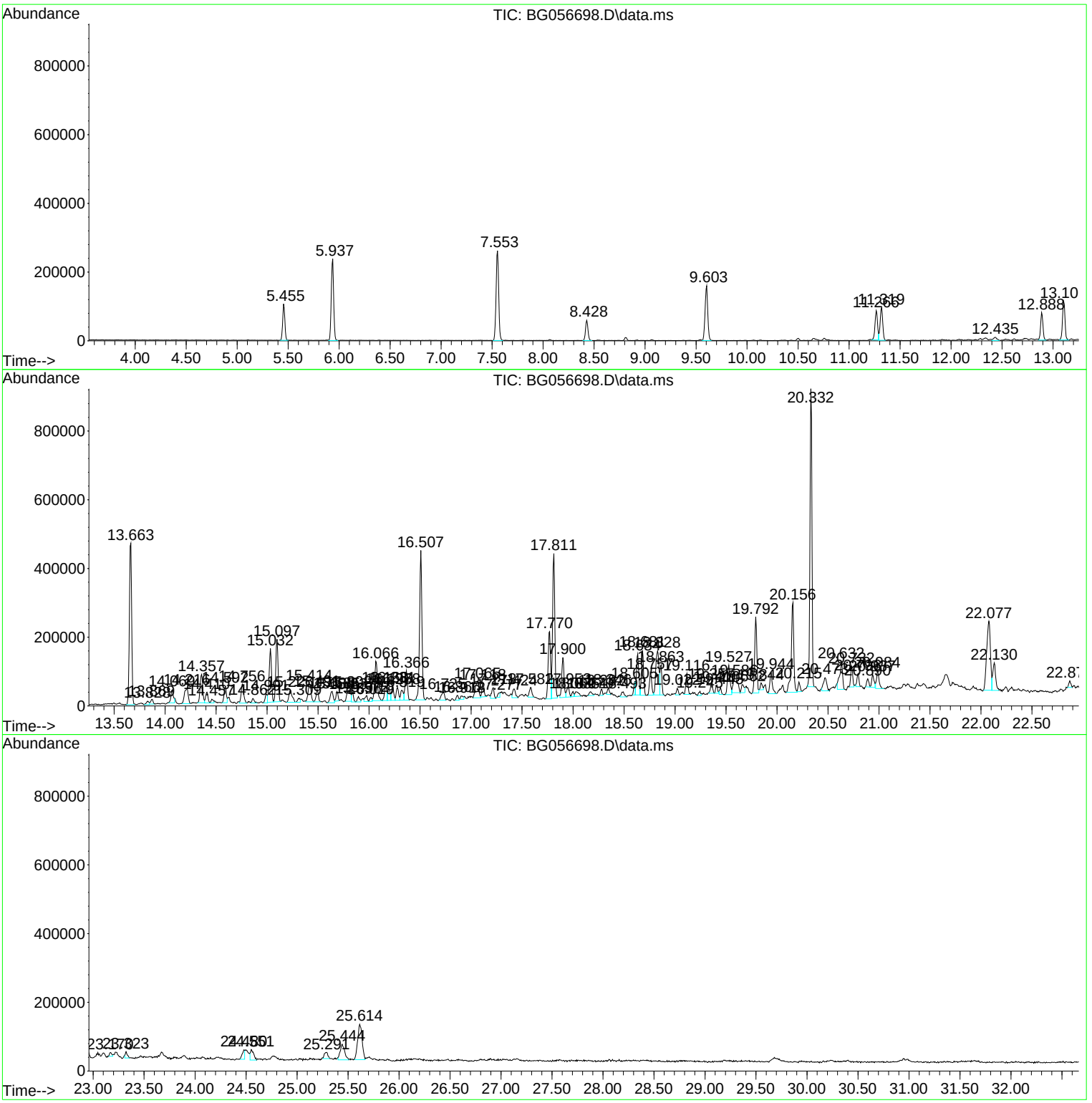
Sample : 01638-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
VB-15-241

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG021523.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\BG022223\
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Instrument :
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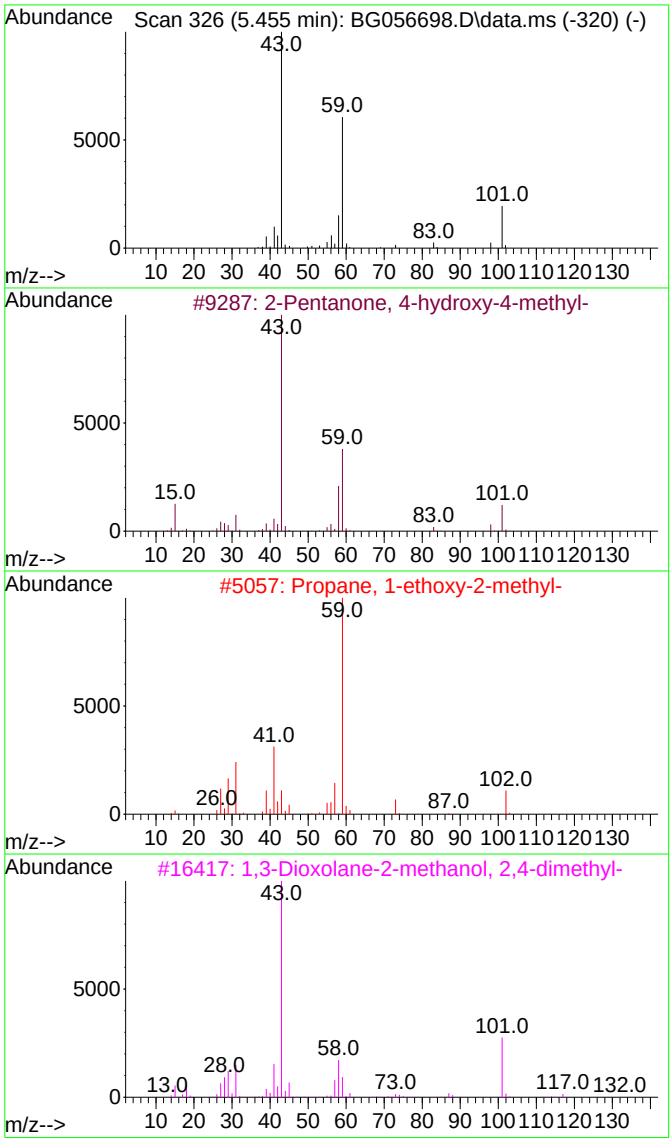
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG021523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

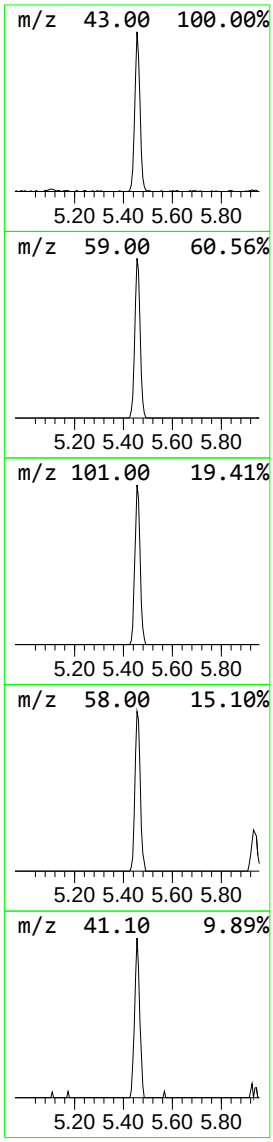
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.455	31.45 ng	154351	1,4-Dichlorobenzene-d4	8.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	38
3	1,3-Dioxolane-2-methanol, 2,4-di...	132	C6H12O3	053951-43-2	28
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
5	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	17





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022223\
Data File : BG056698.D
Acq On : 22 Feb 2023 15:13
Operator : CG/JU
Sample : 01638-01
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ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VB-15-241

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG021523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

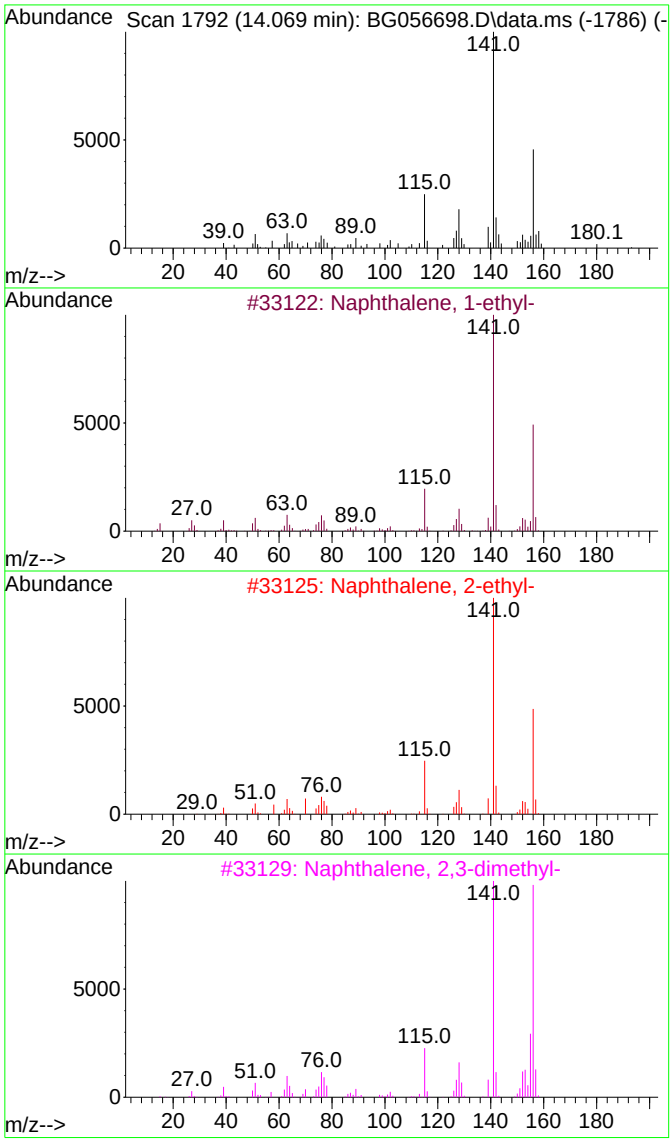
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

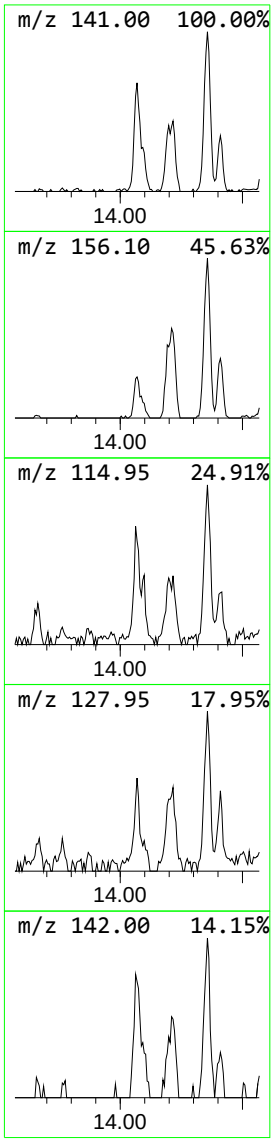
****

Peak Number 2 Naphthalene, 1-ethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.069	5.40 ng	65769	Acenaphthene-d10	15.032

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94
2	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	93
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	90
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	78
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022223\
Data File : BG056698.D
Acq On : 22 Feb 2023 15:13
Operator : CG/JU
Sample : 01638-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
VB-15-241

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG021523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

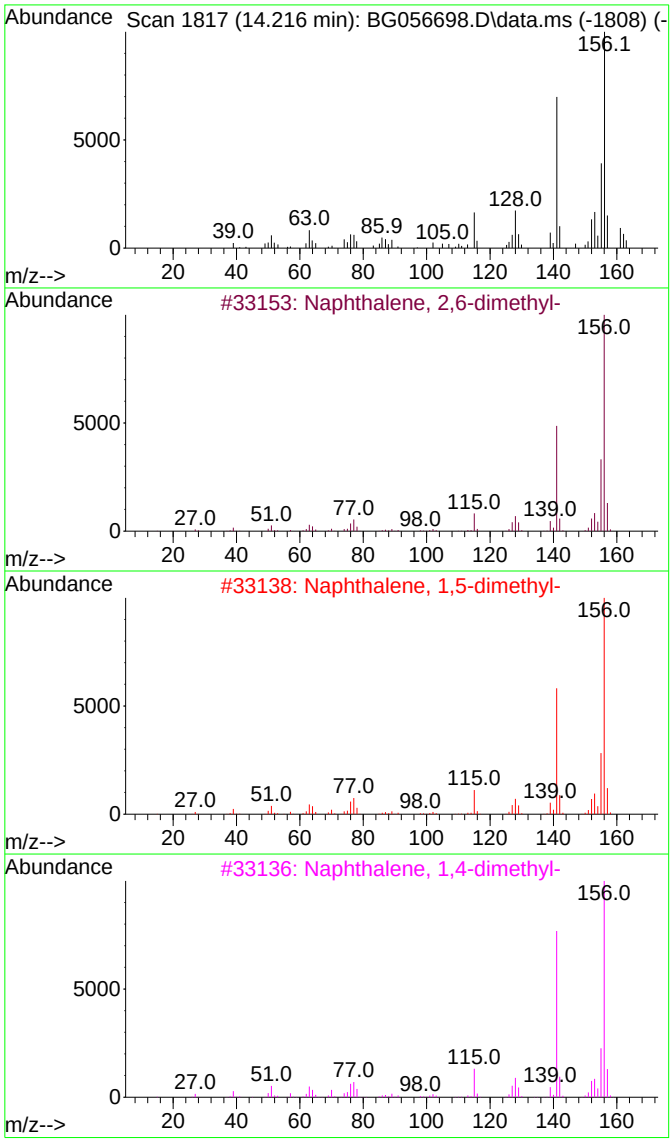
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

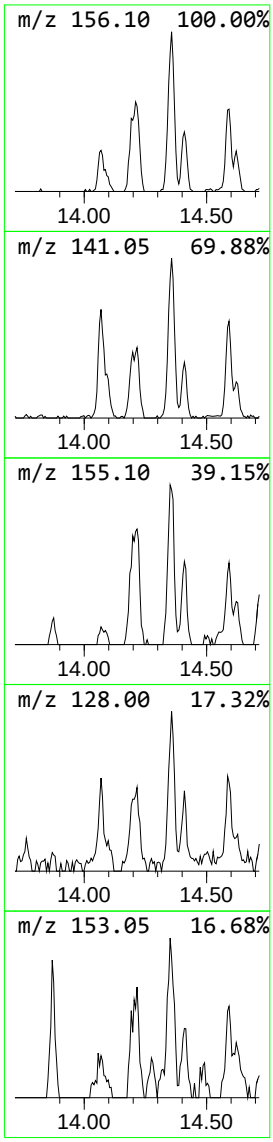
****

Peak Number 3 Naphthalene, 2,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.216	9.24 ng	112559	Acenaphthene-d10	15.032

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000575-43-9	95
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-37-1	95
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022223\
Data File : BG056698.D
Acq On : 22 Feb 2023 15:13
Operator : CG/JU
Sample : 01638-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
VB-15-241

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG021523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

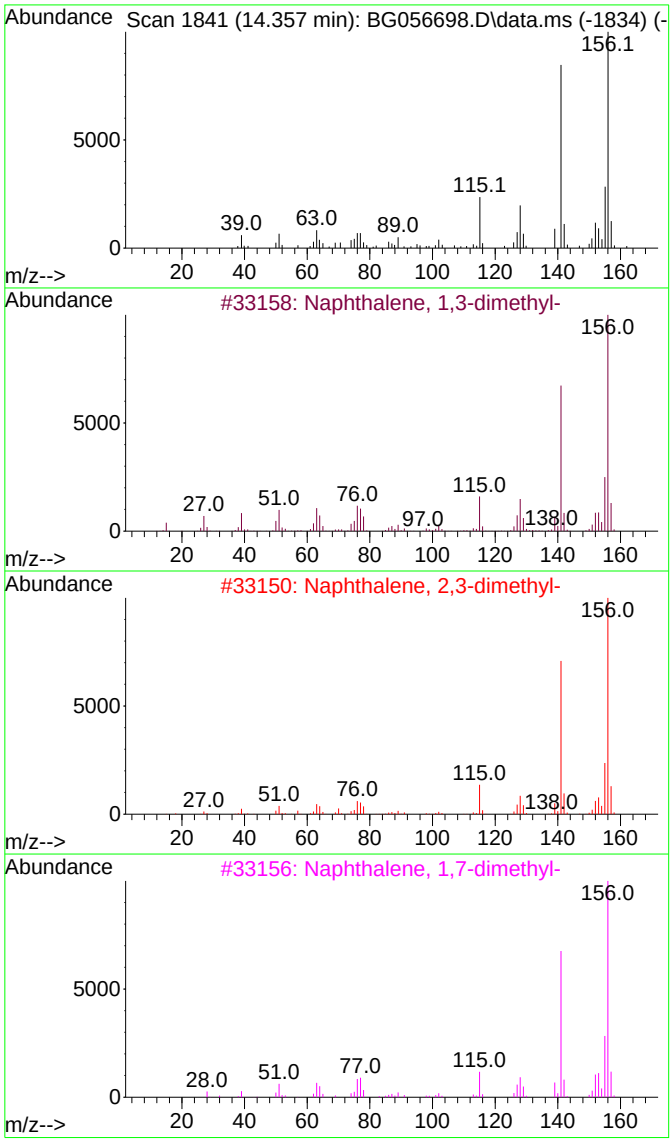
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

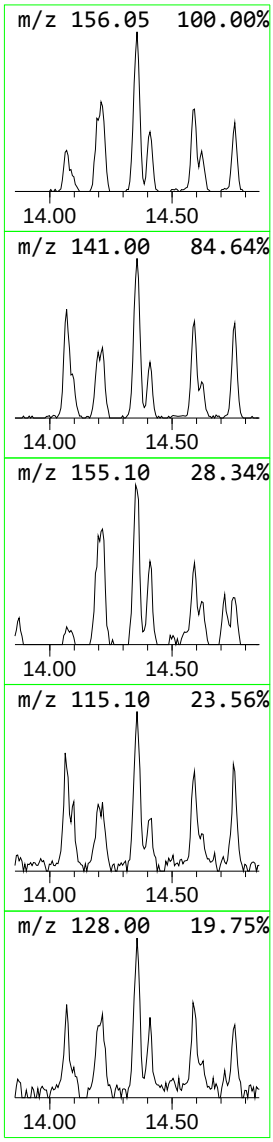
****

Peak Number 4 Naphthalene, 1,3-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.357	12.14 ng	147928	Acenaphthene-d10	15.032

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
4	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	94
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022223\
Data File : BG056698.D
Acq On : 22 Feb 2023 15:13
Operator : CG/JU
Sample : 01638-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
VB-15-241

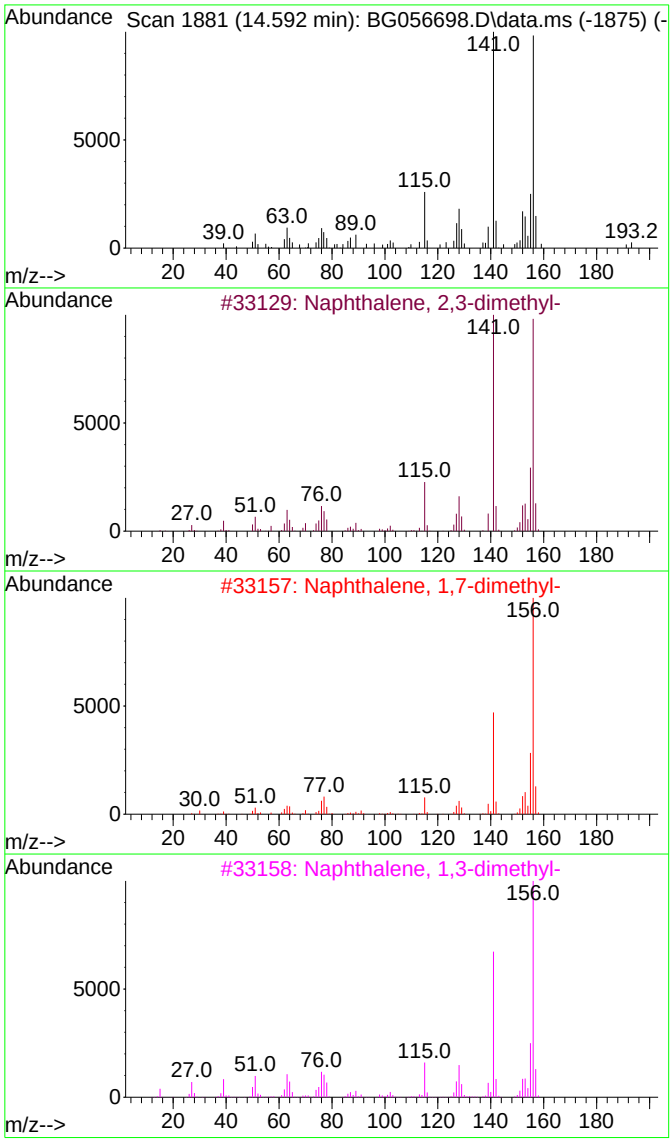
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG021523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

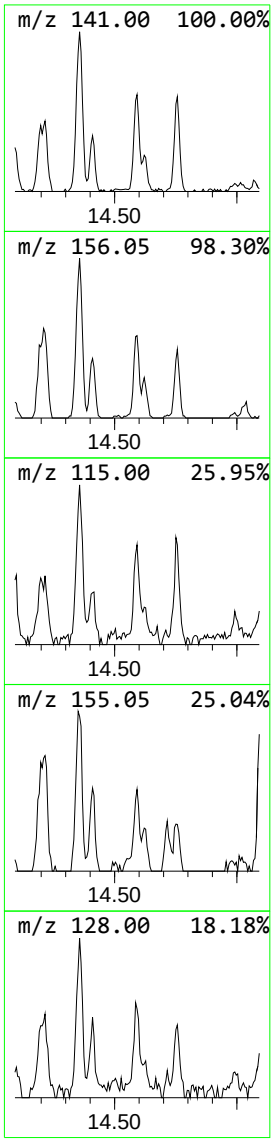
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Naphthalene, 2,3-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.592	6.15 ng	74984	Acenaphthene-d10	15.032

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95





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Operator : CG/JU
Sample : 01638-01
Misc :
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Instrument :
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ClientSampleId :
VB-15-241

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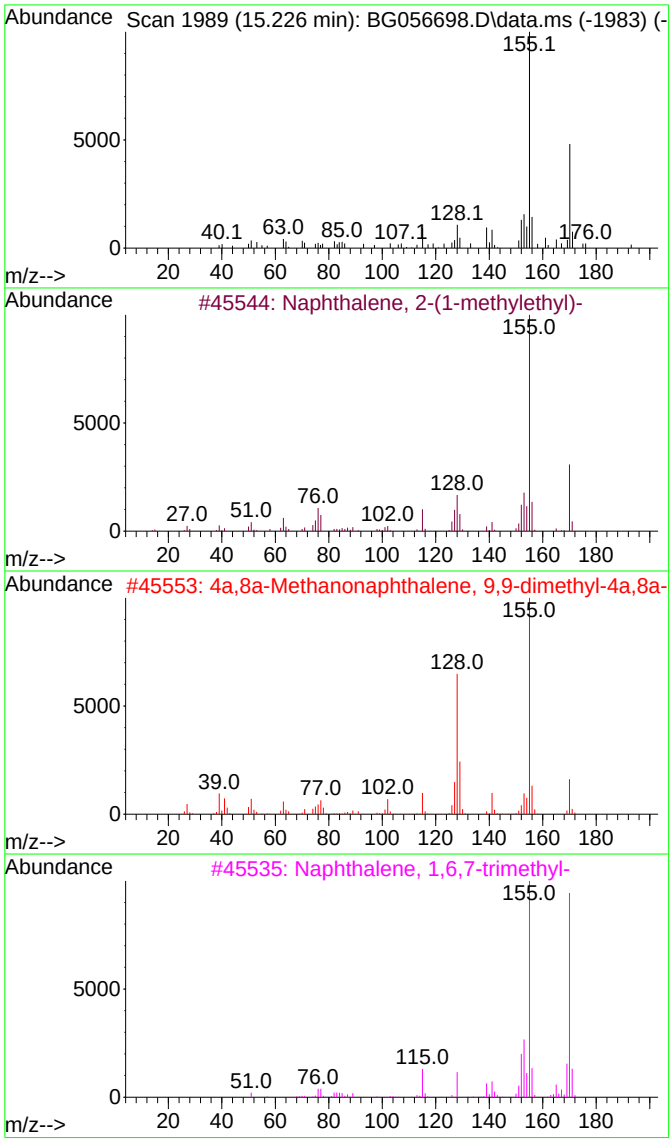
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

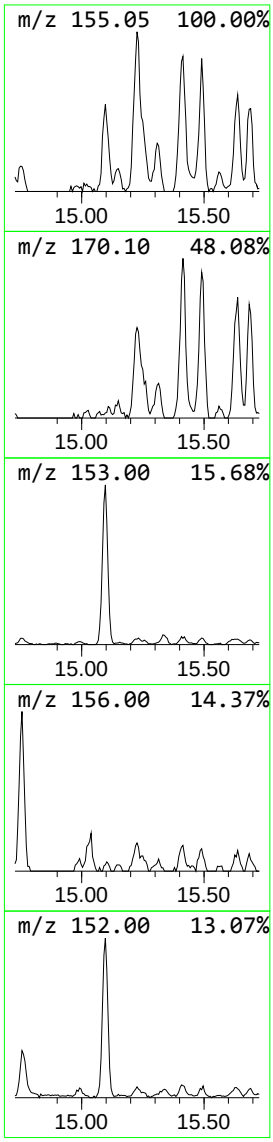
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Naphthalene, 2-(1-methyleth... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.226	6.37 ng	77639	Acenaphthene-d10	15.032

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	90
2	4a,8a-Methanonaphthalene, 9,9-di...	170	C13H14	038963-97-2	87
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	86
4	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	70
5	Ethanone, 1-(5-chloro-2-hydroxyp...	170	C8H7ClO2	001450-74-4	64





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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
VB-15-241

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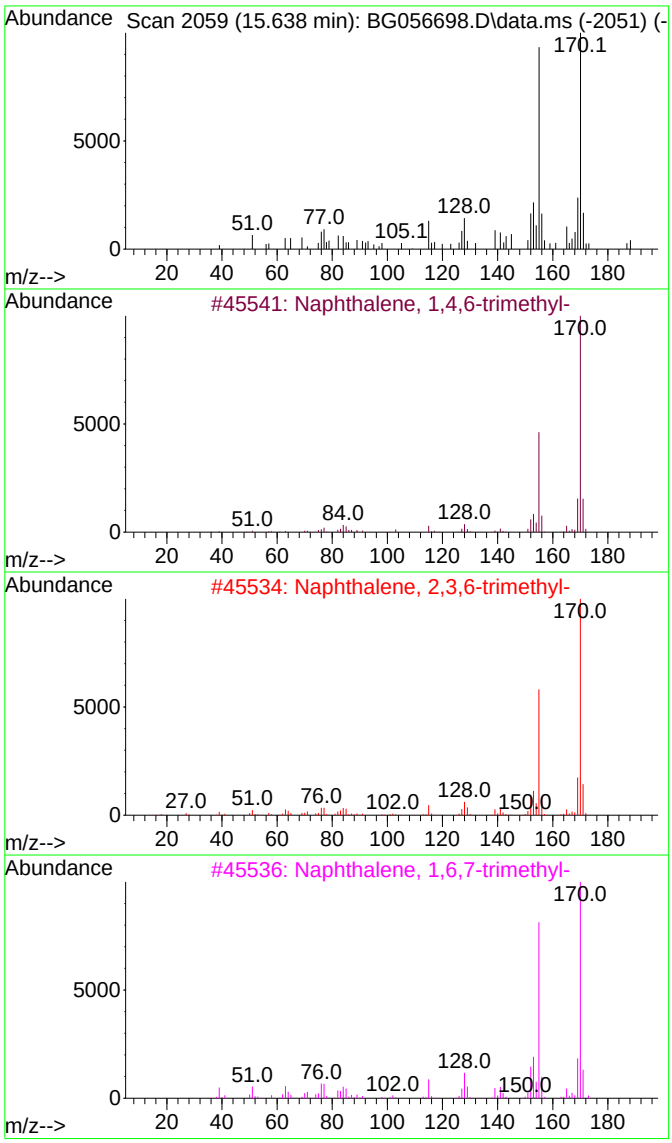
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

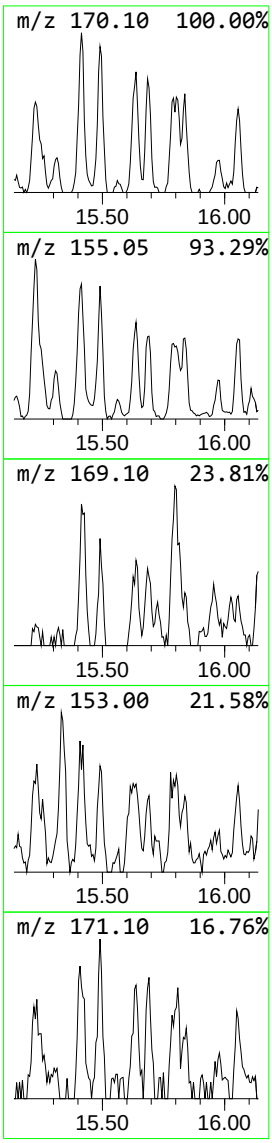
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Naphthalene, 1,4,6-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.638	5.69 ng	69293	Acenaphthene-d10	15.032

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
4	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	93
5	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	93





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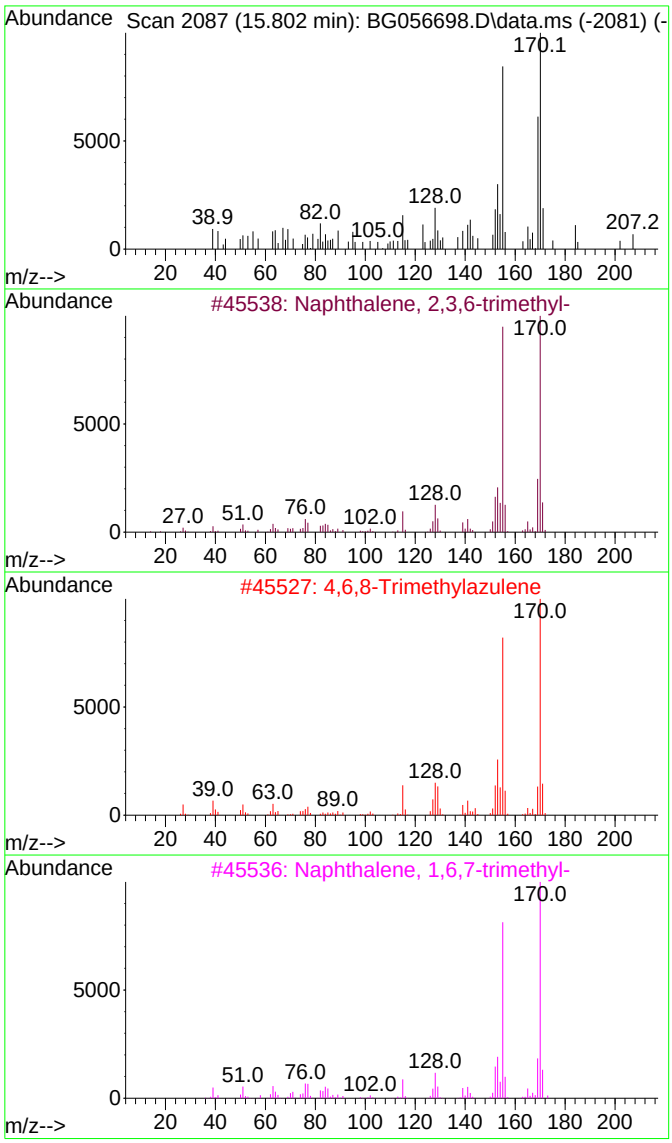
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

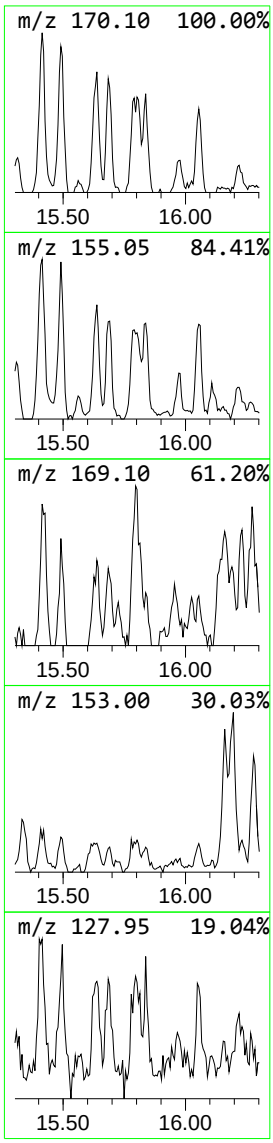
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Naphthalene, 2,3,6-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.802	6.76 ng	82364	Acenaphthene-d10	15.032

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	90
2	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	81
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	76
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	74
5	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	59





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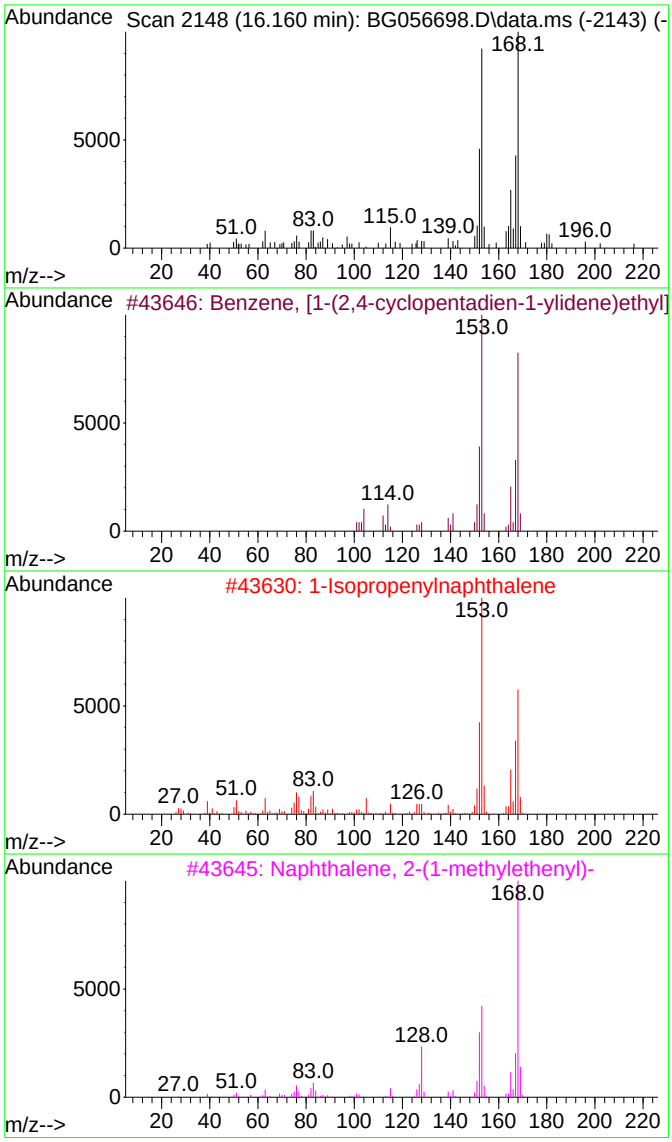
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

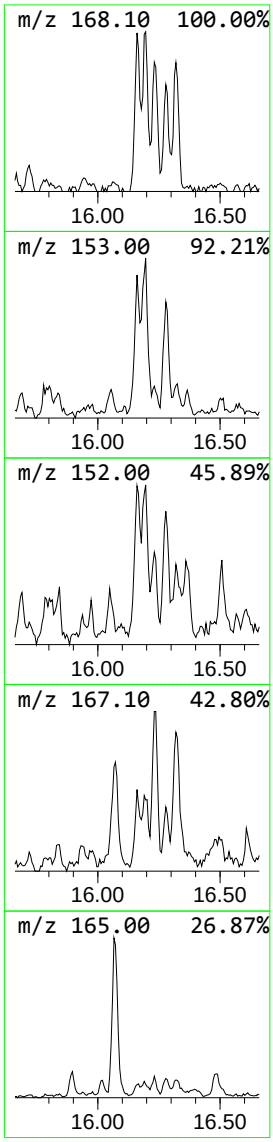
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzene, [1-(2,4-cyclopenta... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.160	5.80 ng	70663	Acenaphthene-d10	15.032

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	90
2	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	87
3	Naphthalene, 2-(1-methylethenyl)-	168	C13H12	003710-23-4	58
4	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	55
5	1,2,3-Trimethoxybenzene	168	C9H12O3	000634-36-6	47





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

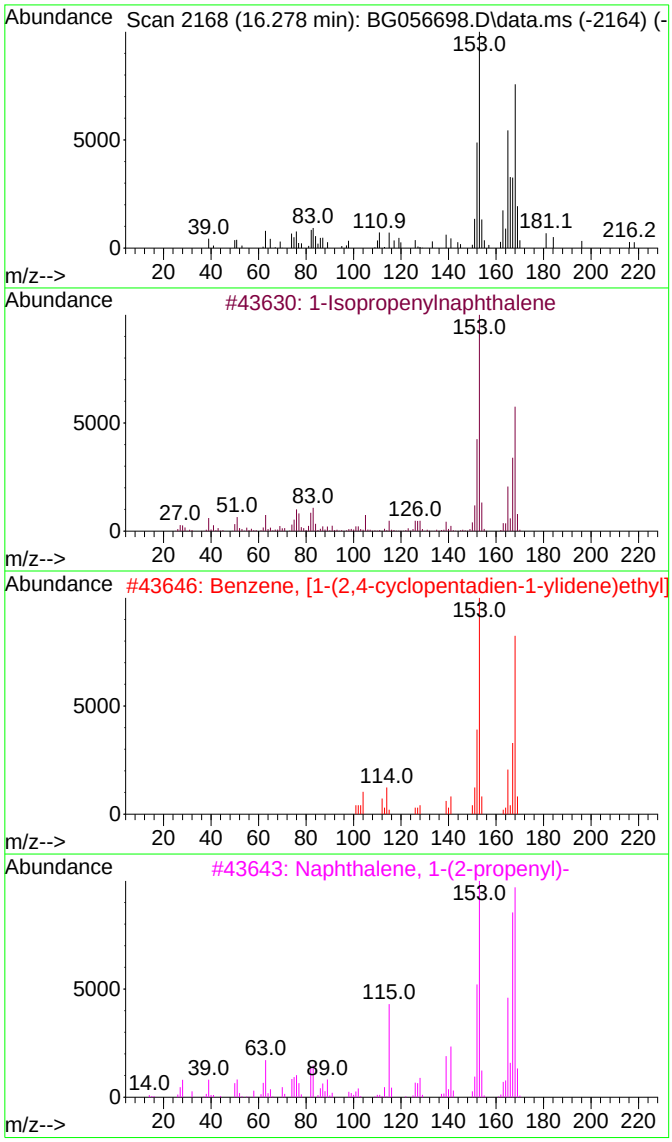
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

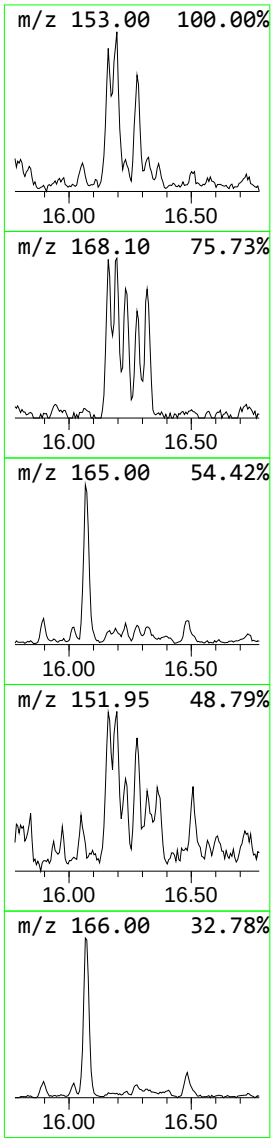
****

Peak Number 10 1-Isopropenylnaphthalene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.278	5.15 ng	62756	Acenaphthene-d10	15.032

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	62
2	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	62
3	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	50
4	4-Methylthio-2,6-xylenol	168	C9H12OS	007379-49-9	43
5	2,5-Dimethoxy-p-phenylenediamine	168	C8H12N2O2	017626-02-7	43





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

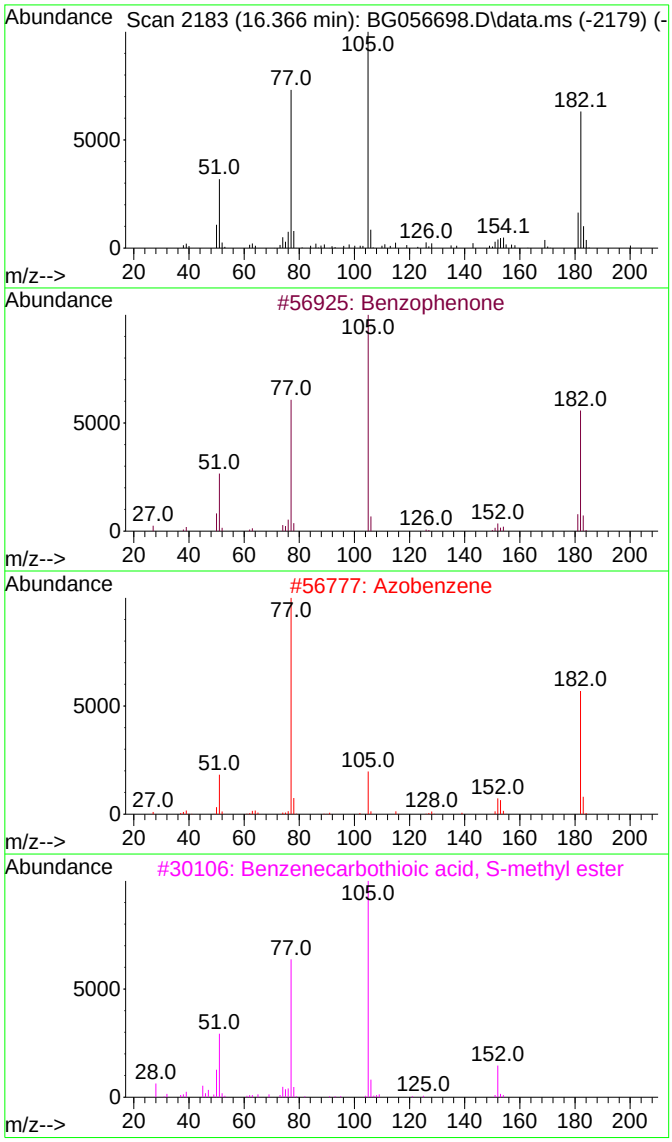
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

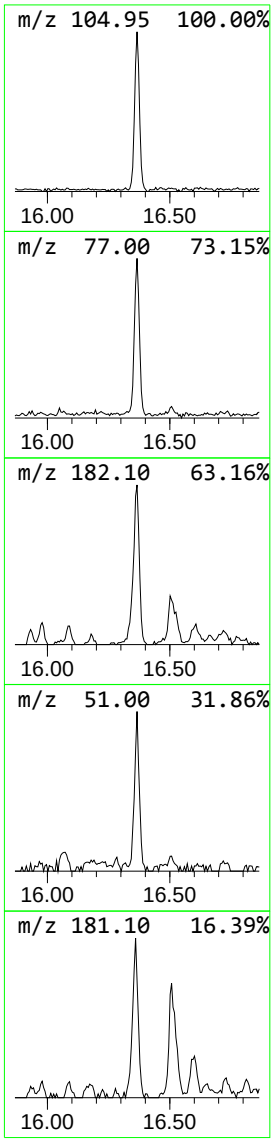
****

Peak Number 11 Benzophenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.366	10.56 ng	128709	Acenaphthene-d10	15.032

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	94
2	Azobenzene	182	C12H10N2	000103-33-3	72
3	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	49
4	Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	49
5	Benzoylformic acid	150	C8H6O3	000611-73-4	49





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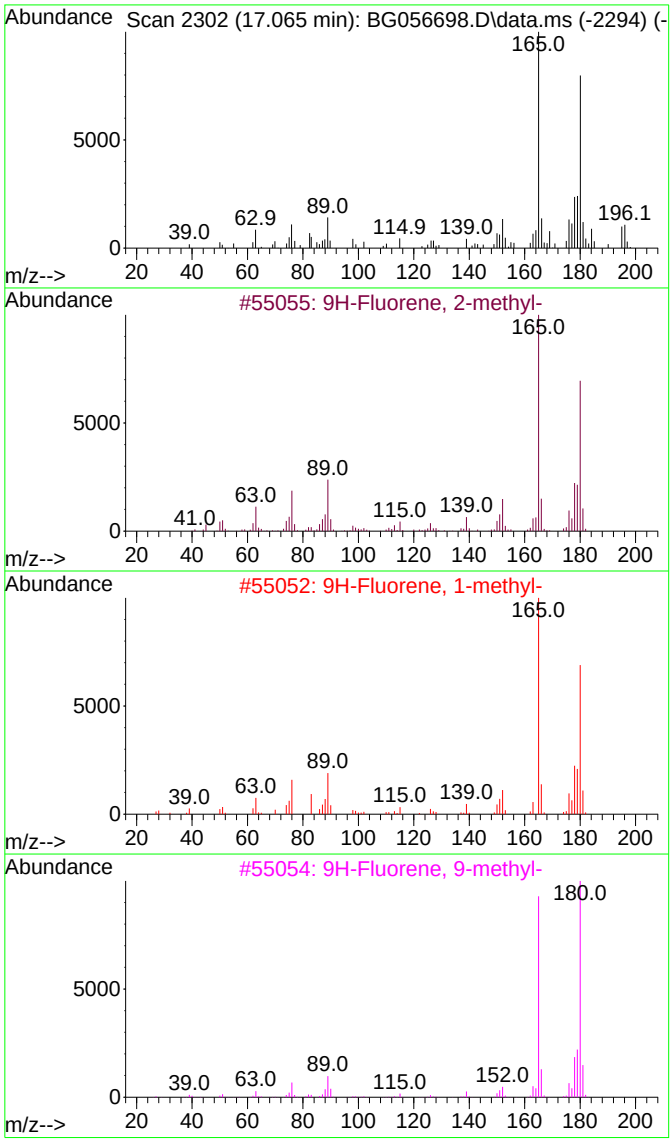
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

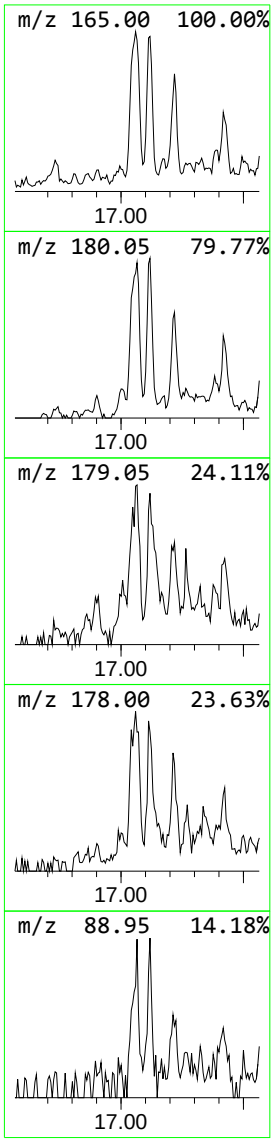
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 9H-Fluorene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.065	7.03 ng	115491	Phenanthrene-d10	17.770

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	97
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
3	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	76
4	4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	70
5	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	70





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

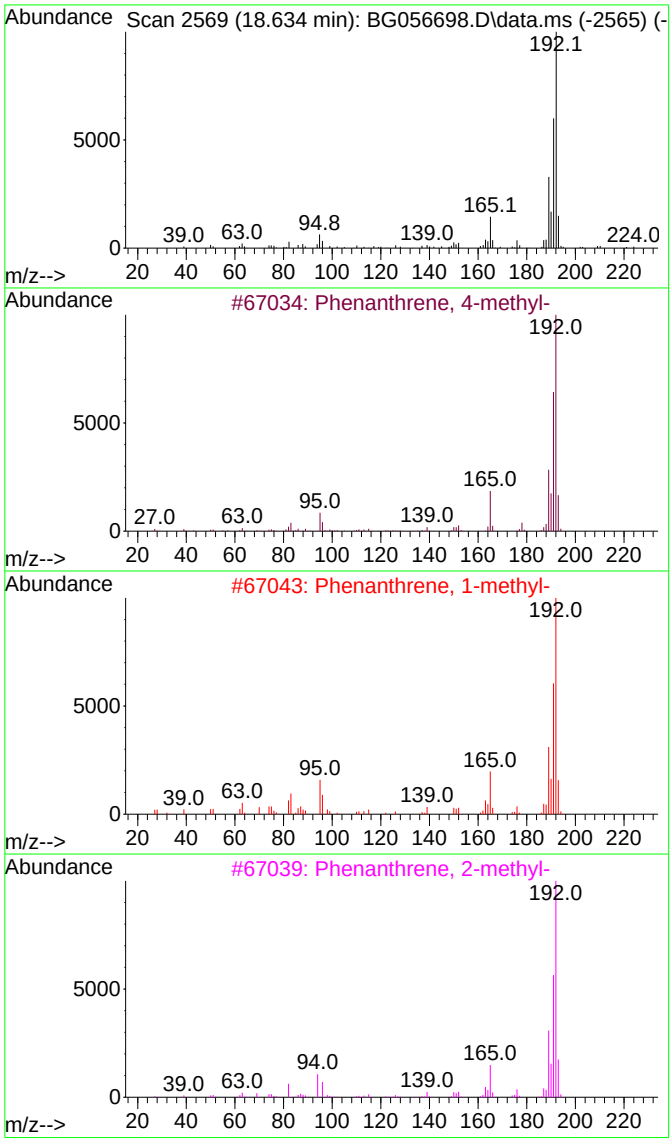
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

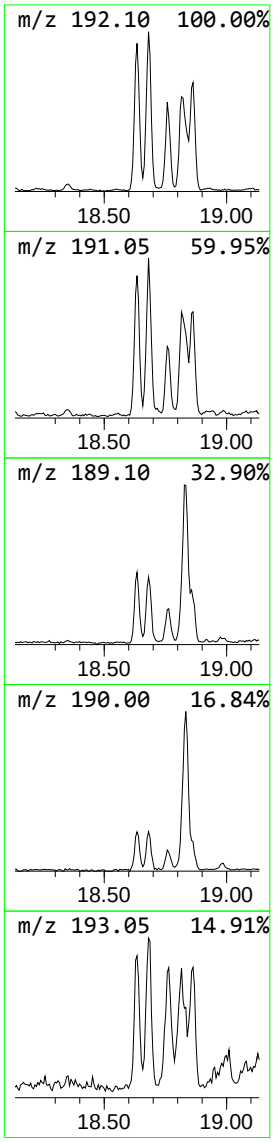
****

Peak Number 13 Phenanthrene, 4-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.634	11.22 ng	184378	Phenanthrene-d10	17.770

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90





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

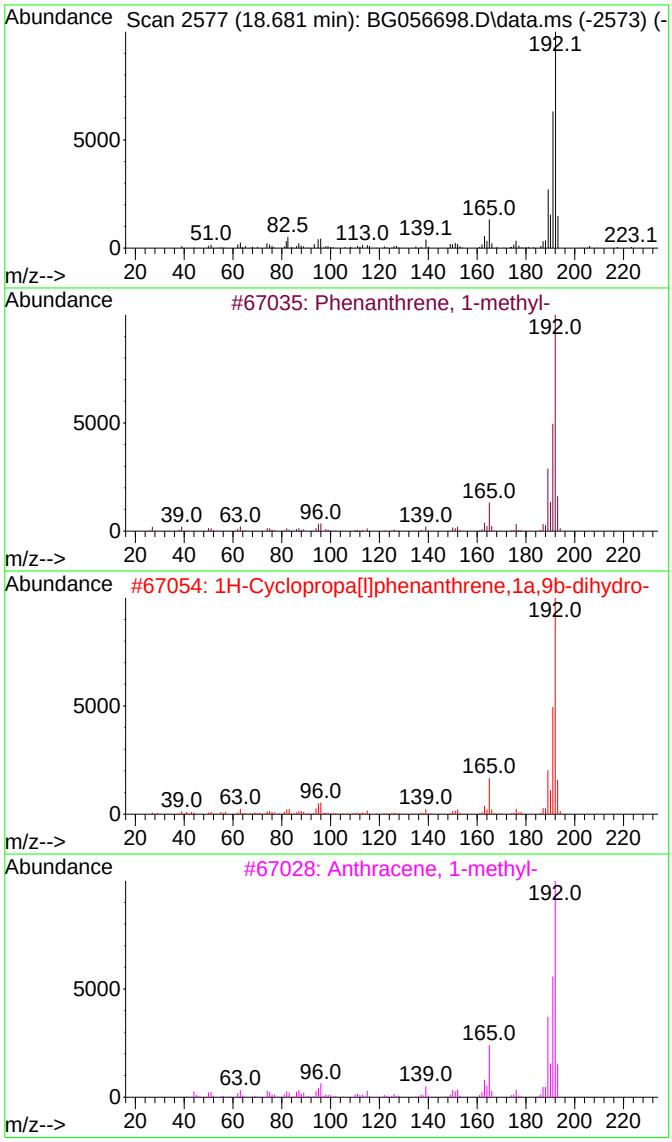
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

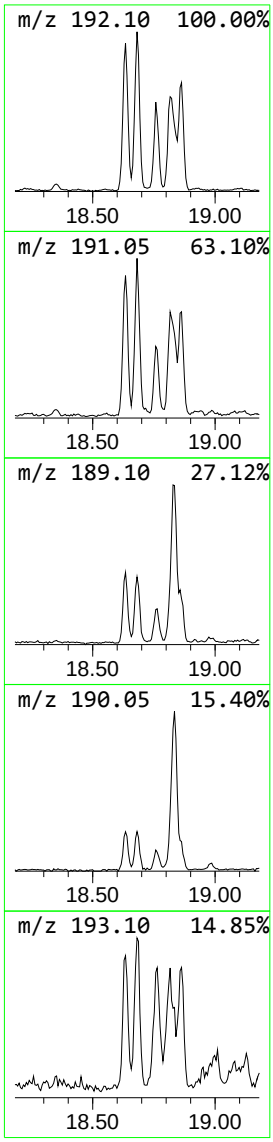
****

Peak Number 14 Phenanthrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.681	11.25 ng	184805	Phenanthrene-d10	17.770

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93





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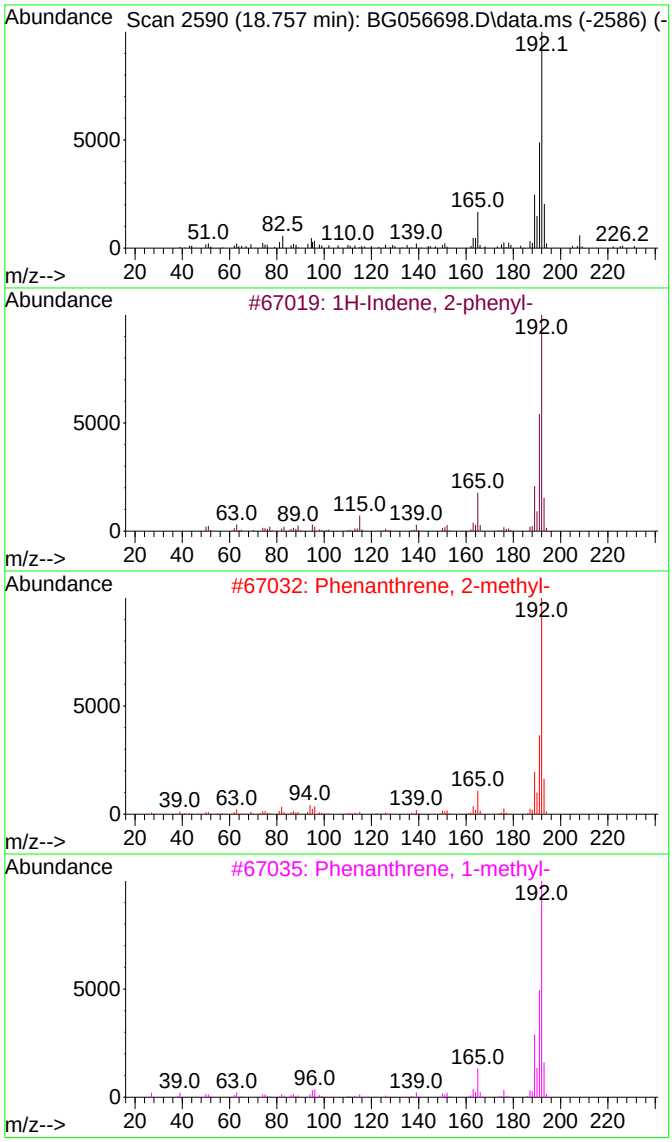
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

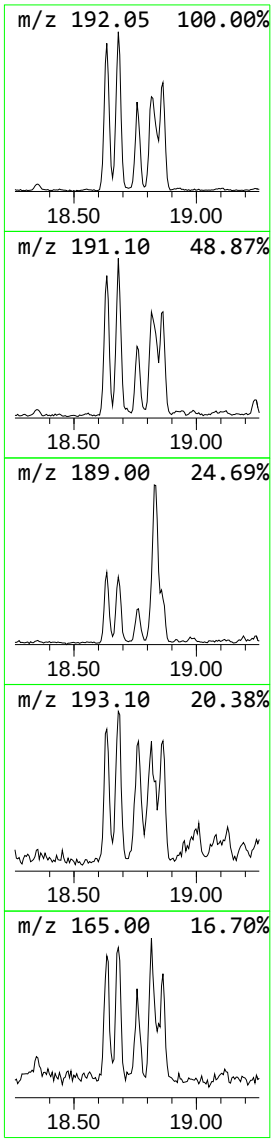
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 1H-Indene, 2-phenyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.757	6.16 ng	101187	Phenanthrene-d10	17.770

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91





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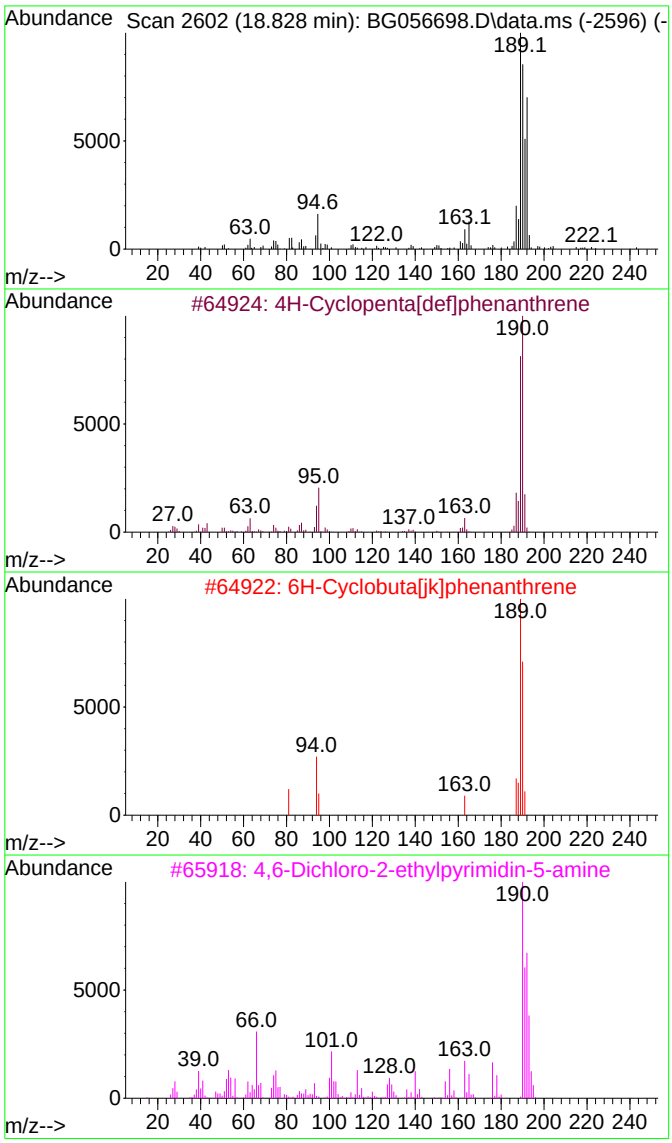
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

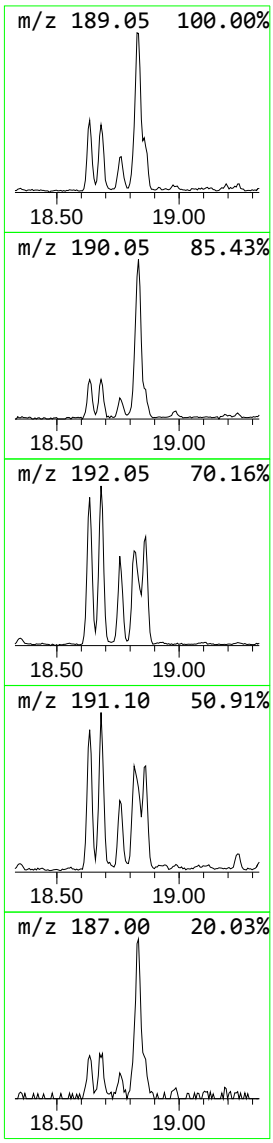
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.828	17.67 ng	290316	Phenanthrene-d10	17.770

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	53
3	4,6-Dichloro-2-ethylpyrimidin-5-...	191	C6H7Cl2N3	006237-96-3	43
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	35
5	5-Bromo-4-fluoropyridin-2-amine	190	C5H4BrFN2	944401-69-8	35





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Sample : 01638-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
VB-15-241

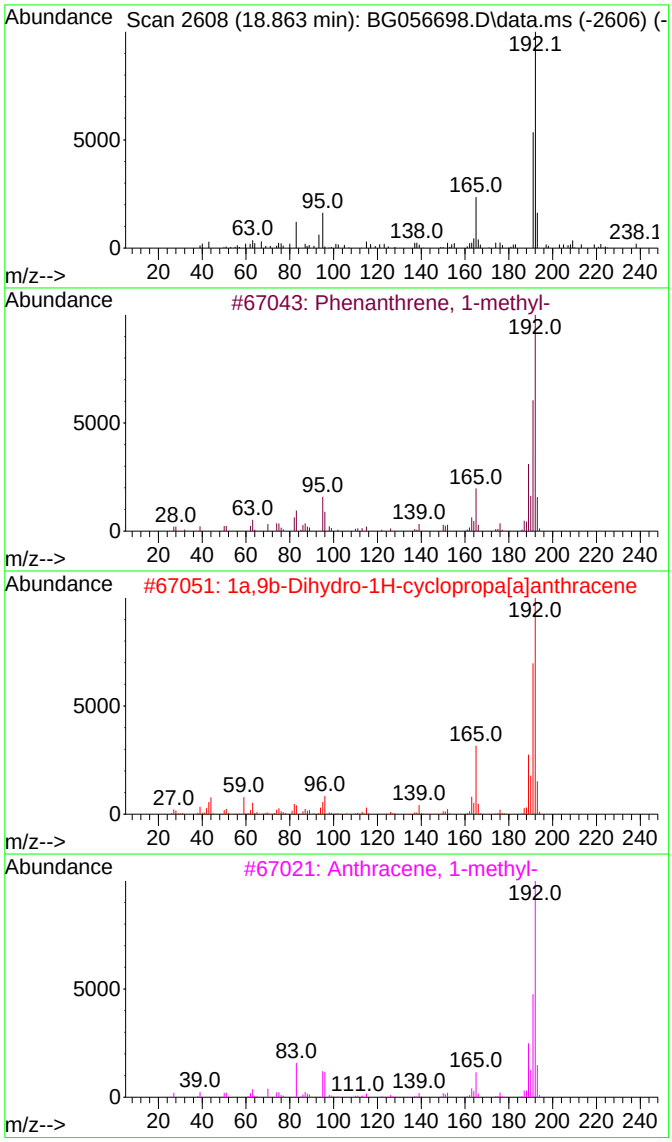
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG021523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

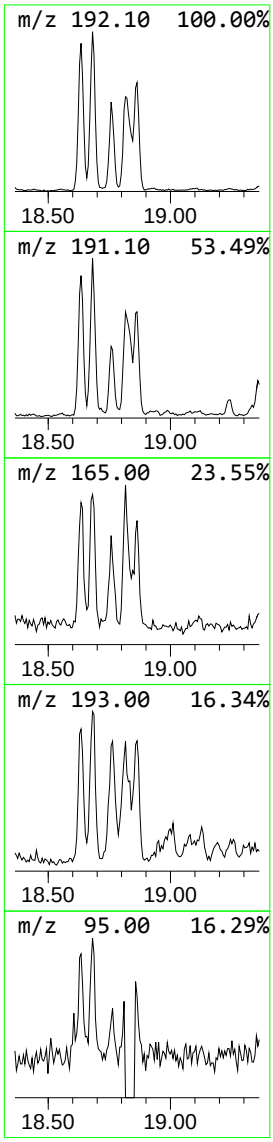
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 1a,9b-Dihydro-1H-cyclopropa... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.863	5.69 ng	93550	Phenanthrene-d10	17.770

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	87
2	1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	83
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	80
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	80
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022223\
Data File : BG056698.D
Acq On : 22 Feb 2023 15:13
Operator : CG/JU
Sample : 01638-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
VB-15-241

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG021523.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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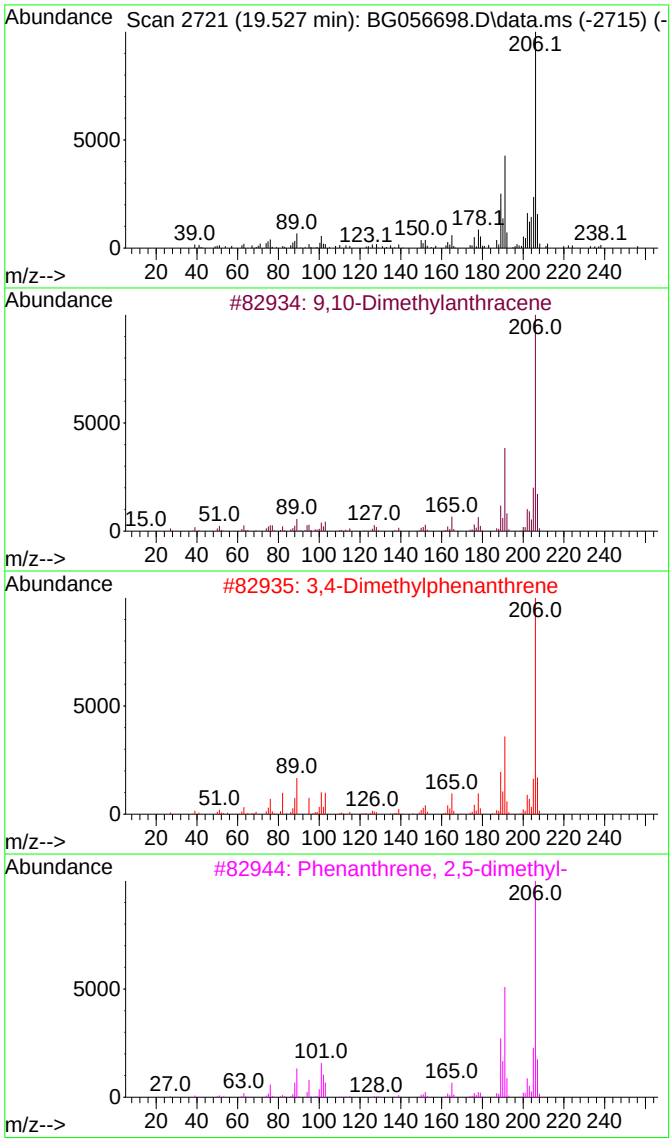
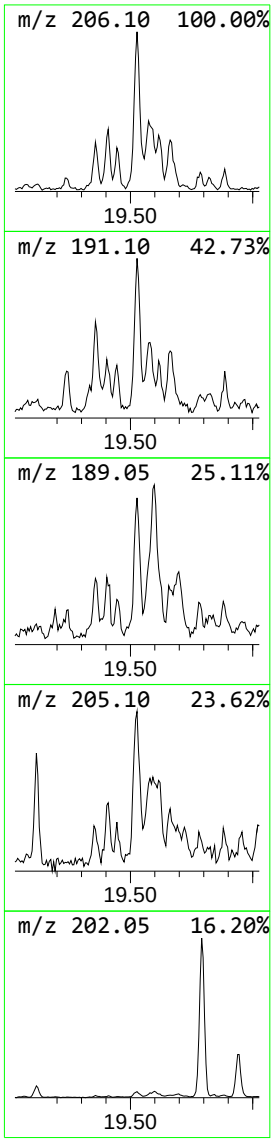
Peak Number 18 9,10-Dimethylanthracene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.527	9.21 ng	151387	Phenanthrene-d10	17.770

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
2	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	91
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	91
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87
5	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022223\
Data File : BG056698.D
Acq On : 22 Feb 2023 15:13
Operator : CG/JU
Sample : 01638-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
VB-15-241

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG021523.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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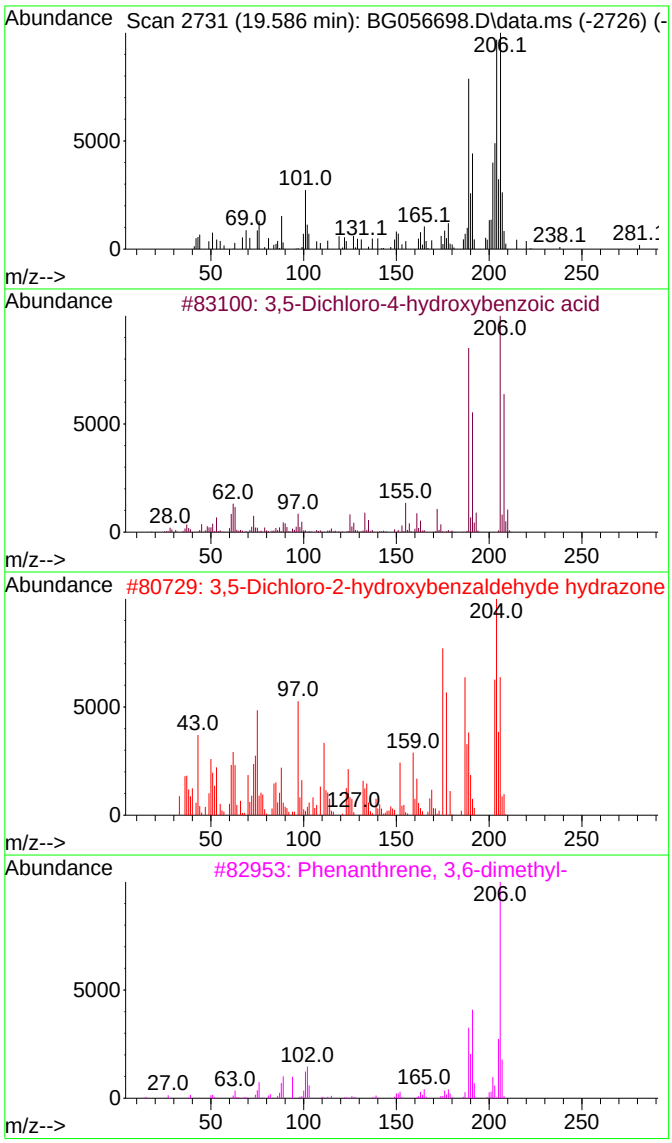
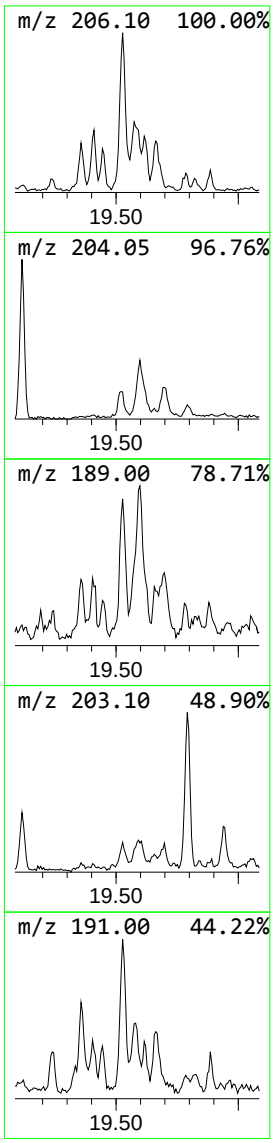
Peak Number 19 unknown19.586 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.586	8.00 ng	131483	Phenanthrene-d10	17.770

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-Dichloro-4-hydroxybenzoic acid	206	C7H4Cl2O3	003336-41-2	38
2	3,5-Dichloro-2-hydroxybenzaldehy...	204	C7H6Cl2N2O	043002-22-8	38
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	38
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	30
5	3-Benzofurancarboxylic acid, 2-e...	204	C12H12O3	040800-94-0	27





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022223\
Data File : BG056698.D
Acq On : 22 Feb 2023 15:13
Operator : CG/JU
Sample : 01638-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
VB-15-241

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG021523.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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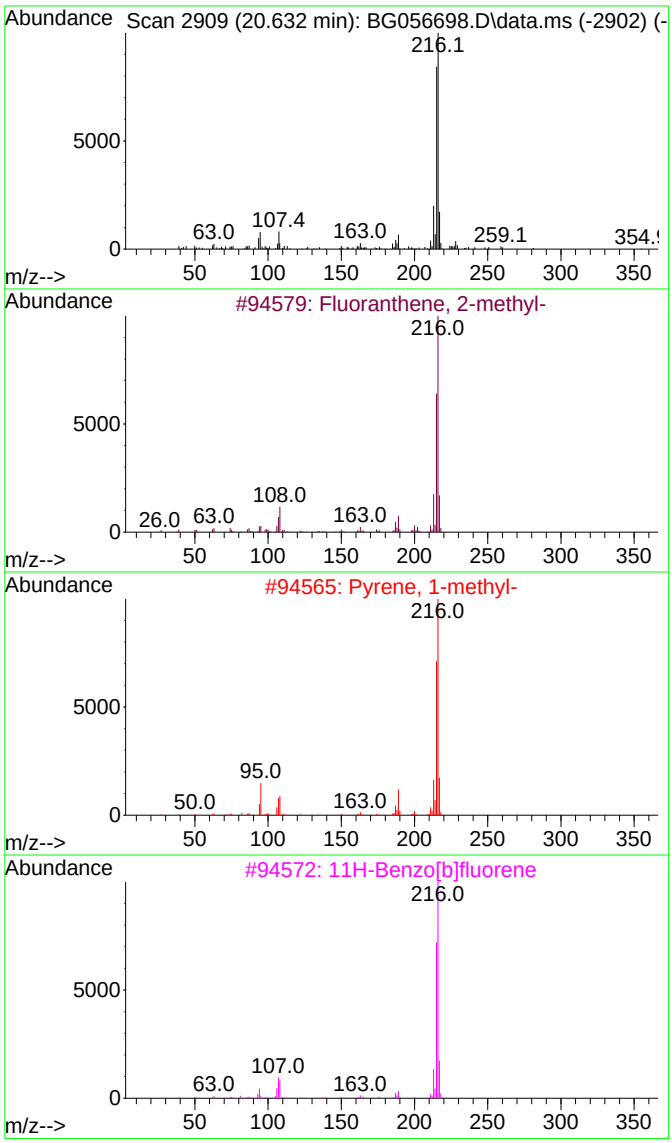
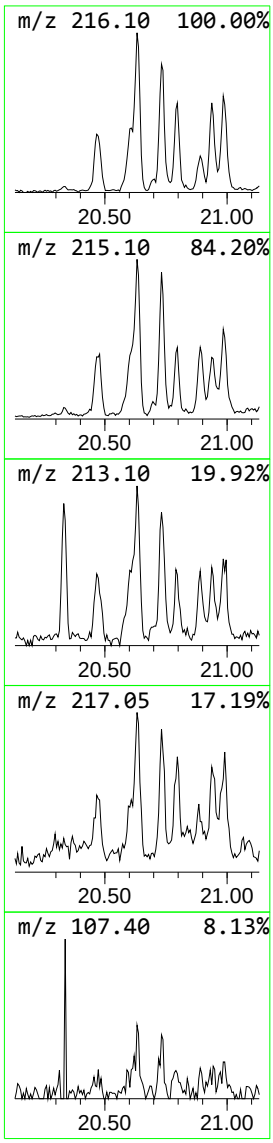
Peak Number 20 Fluoranthene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.632	6.24 ng	160417	Chrysene-d12	22.077

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	94
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022223\
Data File : BG056698.D
Acq On : 22 Feb 2023 15:13
Operator : CG/JU
Sample : 01638-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
VB-15-241

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG021523.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-...	5.455	31.4	ng	154351	1	8.428	98161	20.0
Naphthalene, 1-...	14.069	5.4	ng	65769	3	15.032	243726	20.0
Naphthalene, 2,...	14.216	9.2	ng	112559	3	15.032	243726	20.0
Naphthalene, 1,...	14.357	12.1	ng	147928	3	15.032	243726	20.0
Naphthalene, 2,...	14.592	6.2	ng	74984	3	15.032	243726	20.0
Naphthalene, 2-...	15.226	6.4	ng	77639	3	15.032	243726	20.0
Naphthalene, 1,...	15.638	5.7	ng	69293	3	15.032	243726	20.0
Naphthalene, 2,...	15.802	6.8	ng	82364	3	15.032	243726	20.0
Benzene, [1-(2,...	16.160	5.8	ng	70663	3	15.032	243726	20.0
1-Isopropenylna...	16.278	5.2	ng	62756	3	15.032	243726	20.0
Benzophenone	16.366	10.6	ng	128709	3	15.032	243726	20.0
9H-Fluorene, 2-...	17.065	7.0	ng	115491	4	17.770	328587	20.0
Phenanthrene, 4...	18.634	11.2	ng	184378	4	17.770	328587	20.0
Phenanthrene, 1...	18.681	11.3	ng	184805	4	17.770	328587	20.0
1H-Indene, 2-ph...	18.757	6.2	ng	101187	4	17.770	328587	20.0
4H-Cyclopenta[d...	18.828	17.7	ng	290316	4	17.770	328587	20.0
1a,9b-Dihydro-1...	18.863	5.7	ng	93550	4	17.770	328587	20.0
9,10-Dimethylan...	19.527	9.2	ng	151387	4	17.770	328587	20.0
unknown19.586	19.586	8.0	ng	131483	4	17.770	328587	20.0
Fluoranthene, 2...	20.632	6.2	ng	160417	5	22.077	514113	20.0