LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041924\
Data File : BG060958.D
Acq On : 19 Apr 2024 14:11
Operator : MA/JU
Sample : P2124-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-131-SB01

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-BG041724.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG060958.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.527	425	432	441	rBV	359810	538947	5.82%	0.621%
2	6.637	614	621	629	rBV	126099	204572	2.21%	0.236%
3	7.107	694	701	709	rBV	394407	647846	7.00%	0.747%
4	7.942	834	843	849	rBV	110747	184489	1.99%	0.213%
5	9.093	1027	1039	1049	rBV	249740	442339	4.78%	0.510%
6	10.732	1308	1318	1324	rBV	144602	268026	2.89%	0.309%
7	12.395	1591	1601	1607	rBV	649871	1025473	11.08%	1.182%
8	12.613	1626	1638	1648	rVB	688103	1218430	13.16%	1.404%
9	13.194	1729	1737	1743	rBV	667094	1017681	10.99%	1.173%
10	13.406	1767	1773	1779	rBV	255917	404250	4.37%	0.466%
11	13.600	1800	1806	1817	rVB	222413	535591	5.78%	0.617%
12	13.735	1822	1829	1840	rBV	967690	2435050	26.30%	2.806%
13	13.899	1846	1857	1862	rBV	1368111	2633851	28.45%	3.035%
14	13.952	1862	1866	1873	rVB	920393	1357642	14.66%	1.565%
15	14.128	1890	1896	1900	rVV	561292	950521	10.27%	1.095%
16	14.164	1900	1902	1908	rVB	223335	272649	2.94%	0.314%
17	14.293	1915	1924	1933	rBV2	219513	409174	4.42%	0.472%
18	14.481	1951	1956	1961	rBV	69272	112682	1.22%	0.130%
19	14.551	1961	1968	1976	rVV2	358703	958986	10.36%	1.105%
20	14.645	1976	1984	1990	rVV	2657009	4362212	47.11%	5.027%
21	14.704	1990	1994	2001	rVV3	88914	155727	1.68%	0.179%
22	14.781	2001	2007	2017	rVV2	243877	618726	6.68%	0.713%
23	14.880	2017	2024	2029	rVV2	249972	474202	5.12%	0.547%
24	14.974	2034	2040	2046	rVV	2306875	3580833	38.67%	4.127%
25	15.051	2046	2053	2059	rVV	469638	709066	7.66%	0.817%
26	15.192	2069	2077	2082	rBV	352588	651206	7.03%	0.750%
27	15.245	2082	2086	2091	rVB	371376	499887	5.40%	0.576%
28	15.362	2098	2106	2109	rBV	267457	551482	5.96%	0.636%
29	15.392	2109	2111	2116	rVV2	181103	276059	2.98%	0.318%
30	15.503	2125	2130	2133	rVV	117804	195690	2.11%	0.226%
31	15.544	2133	2137	2144	rVV3	213279	438402	4.73%	0.505%
32	15.633	2144	2152	2161	rVV	2827899	4859206	52.48%	5.600%
33	15.715	2161	2166	2168	rVV	199059	300427	3.24%	0.346%
34	15.750	2168	2172	2174	rVV	310013	502513	5.43%	0.579%
35	15.785	2174	2178	2183	rVV3	433514	725961	7.84%	0.837%
36	15.838	2183	2187	2190	rVV2	197048	350504	3.79%	0.404%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041924\
Data File : BG060958.D
Acq On : 19 Apr 2024 14:11
Operator : MA/JU
Sample : P2124-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-131-SB01

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-BG041724.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	15.873	2190	2193	2195	rVV2	162729	231463	2.50%	0.267%
38	15.920	2195	2201	2209	rVB	872982	1476804	15.95%	1.702%
39	16.061	2217	2225	2233	rVV2	1423632	2819164	30.45%	3.249%
40	16.155	2233	2241	2248	rVB2	171111	367341	3.97%	0.423%
41	16.296	2257	2265	2268	rBV5	158003	376003	4.06%	0.433%
42	16.320	2268	2269	2278	rVB	148601	164502	1.78%	0.190%
43	16.625	2310	2321	2326	rBV2	519976	1129587	12.20%	1.302%
44	16.672	2326	2329	2335	rVB	206131	292465	3.16%	0.337%
45	16.772	2341	2346	2351	rVB3	231709	415278	4.49%	0.479%
46	16.855	2351	2360	2363	rVV3	270837	547700	5.92%	0.631%
47	16.896	2363	2367	2370	rVV2	286607	487322	5.26%	0.562%
48	16.925	2370	2372	2377	rVV2	121366	192184	2.08%	0.221%
49	16.978	2378	2381	2388	rVV3	81849	176977	1.91%	0.204%
50	17.048	2388	2393	2400	rVV	275565	597081	6.45%	0.688%
51	17.137	2403	2408	2419	rVB	479059	815615	8.81%	0.940%
52	17.325	2434	2440	2442	rBV	263369	446317	4.82%	0.514%
53	17.378	2442	2449	2455	rVV	5131162	9258901	100.00%	10.671%
54	17.460	2457	2463	2468	rVV	2084207	3245443	35.05%	3.740%
55	17.507	2468	2471	2477	rVB3	172252	291874	3.15%	0.336%
56	17.718	2503	2507	2511	rBV	194019	279741	3.02%	0.322%
57	17.765	2511	2515	2524	rVV2	100033	231000	2.49%	0.266%
58	17.842	2524	2528	2534	rVV2	191862	312268	3.37%	0.360%
59	17.900	2534	2538	2546	rVB3	129754	239782	2.59%	0.276%
60	18.041	2557	2562	2568	rBV	79927	136786	1.48%	0.158%
61	18.200	2579	2589	2593	rBV	713931	1283542	13.86%	1.479%
62	18.247	2593	2597	2603	rVB	878809	1347025	14.55%	1.552%
63	18.329	2604	2611	2616	rBV	340132	563882	6.09%	0.650%
64	18.394	2616	2622	2626	rVV2	1054622	1974782	21.33%	2.276%
65	18.429	2626	2628	2634	rVB	420939	484765	5.24%	0.559%
66	18.694	2668	2673	2677	rBV	392196	526185	5.68%	0.606%
67	18.946	2711	2716	2720	rVV	681151	891055	9.62%	1.027%
68	18.993	2720	2724	2728	rVV2	114826	167028	1.80%	0.192%
69	19.111	2739	2744	2749	rBV	242656	408123	4.41%	0.470%
70	19.175	2749	2755	2758	rBV3	117887	229304	2.48%	0.264%
71	19.252	2764	2768	2773	rBV2	82365	186642	2.02%	0.215%
72	19.299	2773	2776	2782	rVB2	101131	153624	1.66%	0.177%
73	19.381	2782	2790	2796	rBV	3130909	4717544	50.95%	5.437%
74	19.440	2796	2800	2803	rVV2	103647	147974	1.60%	0.171%
75	19.475	2803	2806	2811	rVV5	74698	144099	1.56%	0.166%
76	19.616	2826	2830	2840	rVB3	111343	300523	3.25%	0.346%

LSC Area Percent Report

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Acq On : 19 Apr 2024 14:11
Operator : MA/JU
Sample : P2124-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-131-SB01

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-BG041724.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	19.739	2840	2851	2858	rBV2	2171303	3929966	42.45%	4.529%
78	19.810	2858	2863	2870	rVB2	126417	223834	2.42%	0.258%
79	19.939	2876	2885	2889	rBV2	1174309	1699999	18.36%	1.959%
80	20.063	2899	2906	2907	rBV3	152584	281646	3.04%	0.325%
81	20.092	2909	2911	2917	rVB3	224580	269624	2.91%	0.311%
82	20.198	2923	2929	2930	rBV3	105042	172189	1.86%	0.198%
83	20.227	2930	2934	2938	rVB	372109	544102	5.88%	0.627%
84	20.327	2946	2951	2955	rBV	365327	499070	5.39%	0.575%
85	20.386	2955	2961	2966	rVB2	171943	305819	3.30%	0.352%
86	20.474	2971	2976	2981	rBV	395311	497225	5.37%	0.573%
87	20.527	2981	2985	2988	rBV	94640	118554	1.28%	0.137%
88	20.574	2988	2993	2996	rVB	115486	165979	1.79%	0.191%
89	21.208	3097	3101	3105	rVB2	129018	171946	1.86%	0.198%
90	21.255	3105	3109	3113	rVB4	103156	160919	1.74%	0.185%
91	21.561	3155	3161	3168	rVV2	677779	1658481	17.91%	1.911%
92	21.620	3168	3171	3181	rVB	435603	695494	7.51%	0.802%
93	21.960	3224	3229	3236	rVB3	114574	205539	2.22%	0.237%
94	22.295	3282	3286	3292	rVB	80830	130111	1.41%	0.150%
95	22.601	3334	3338	3344	rVB4	68023	141770	1.53%	0.163%
96	23.711	3519	3527	3535	rBV	147454	498507	5.38%	0.575%
97	24.410	3639	3646	3655	rVB2	80940	213786	2.31%	0.246%
98	24.546	3662	3669	3675	rBV2	118481	310049	3.35%	0.357%
99	24.698	3686	3695	3704	rVB3	309077	823787	8.90%	0.949%
100	25.086	3756	3761	3771	rVB3	50605	123659	1.34%	0.143%

Sum of corrected areas: 86770052

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041924\
Data File : BG060958.D
Acq On : 19 Apr 2024 14:11
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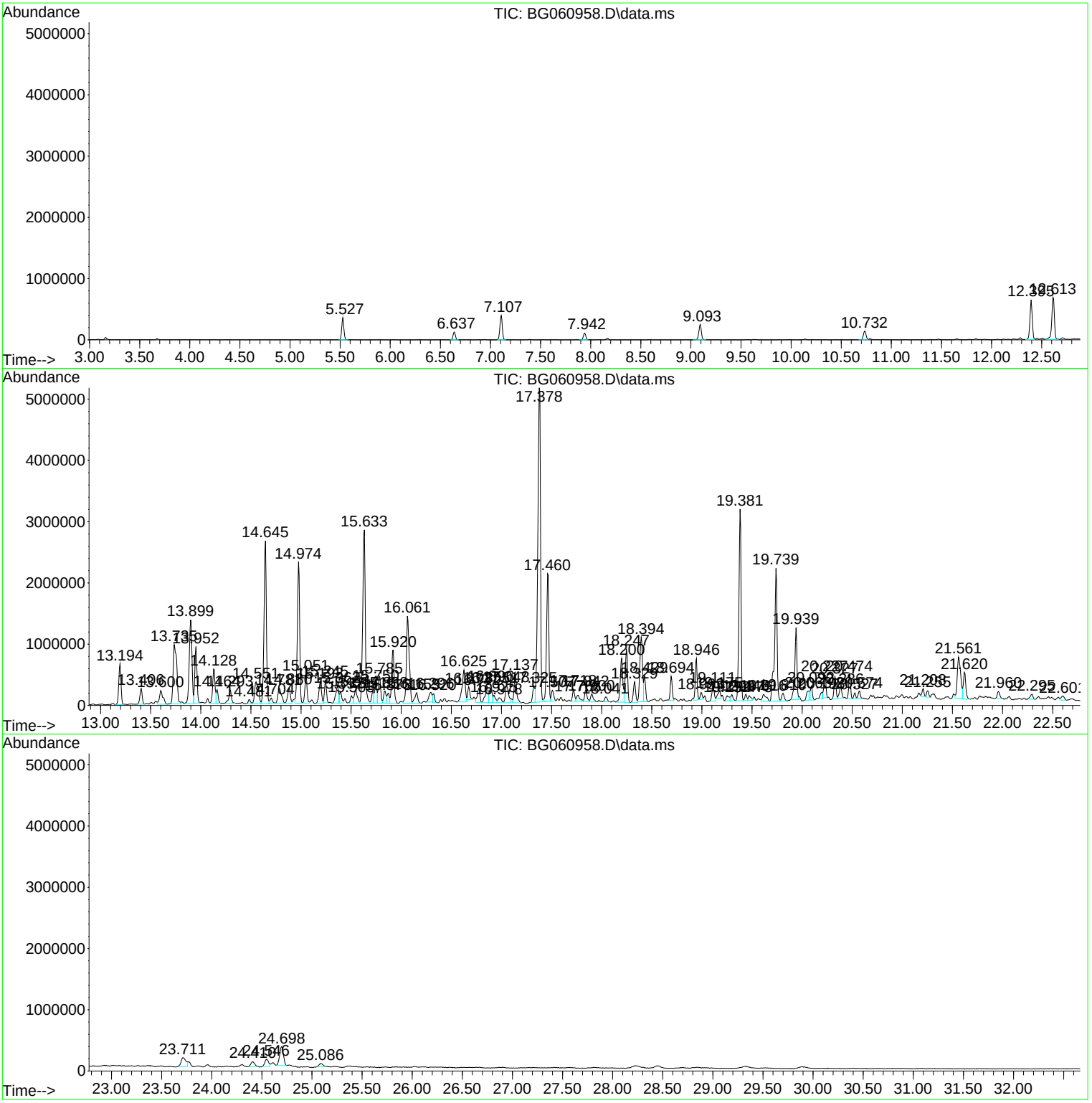
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-131-SB01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG041724.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\BG041924\
Data File : BG060958.D
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Sample : P2124-01
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Instrument :
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ClientSampleId :
B-131-SB01

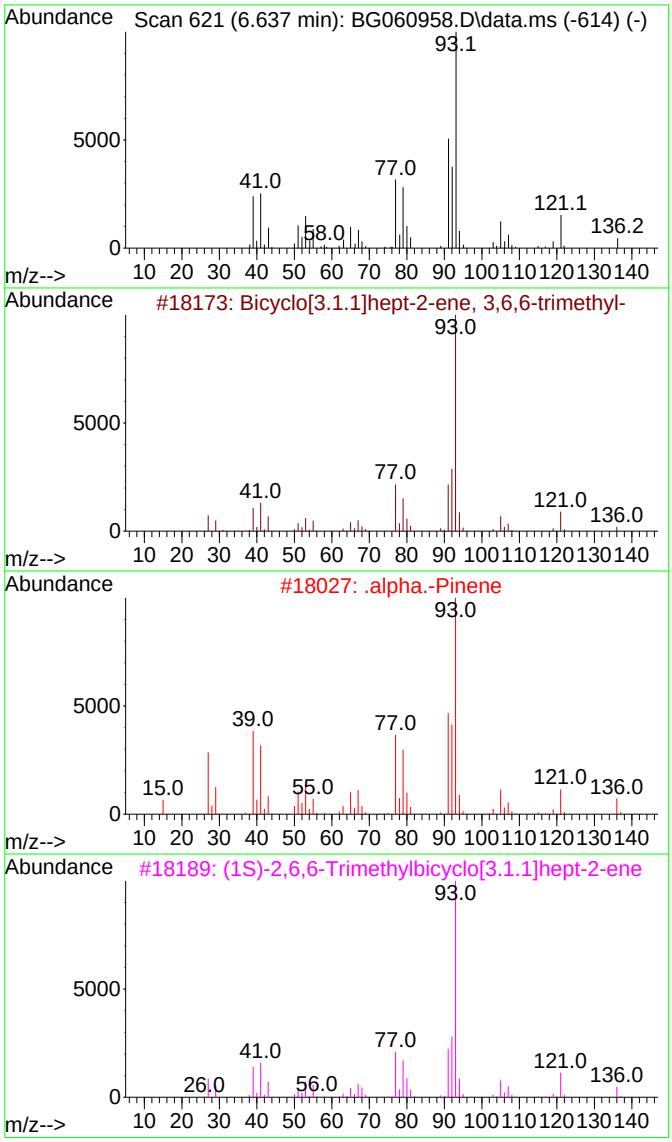
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG041724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

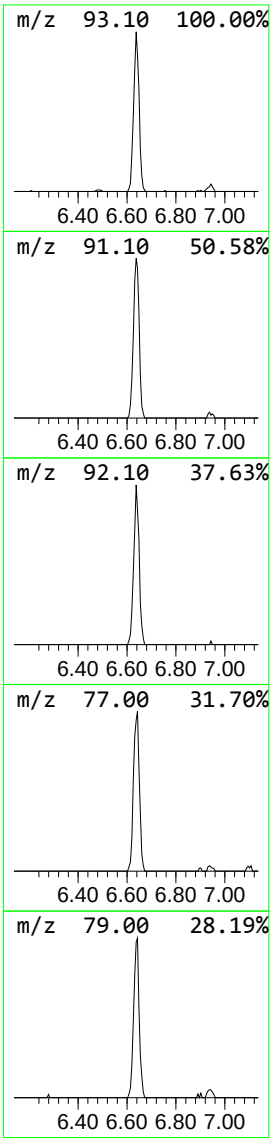
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Bicyclo[3.1.1]hept-2-ene, 3... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.637	22.18 ng	204572	1,4-Dichlorobenzene-d4	7.942

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	94
2	.alpha.-Pinene	136	C10H16	000080-56-8	94
3	(1S)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-26-4	91
4	Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	90
5	.gamma.-Terpinene	136	C10H16	000099-85-4	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041924\
Data File : BG060958.D
Acq On : 19 Apr 2024 14:11
Operator : MA/JU
Sample : P2124-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-131-SB01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG041724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

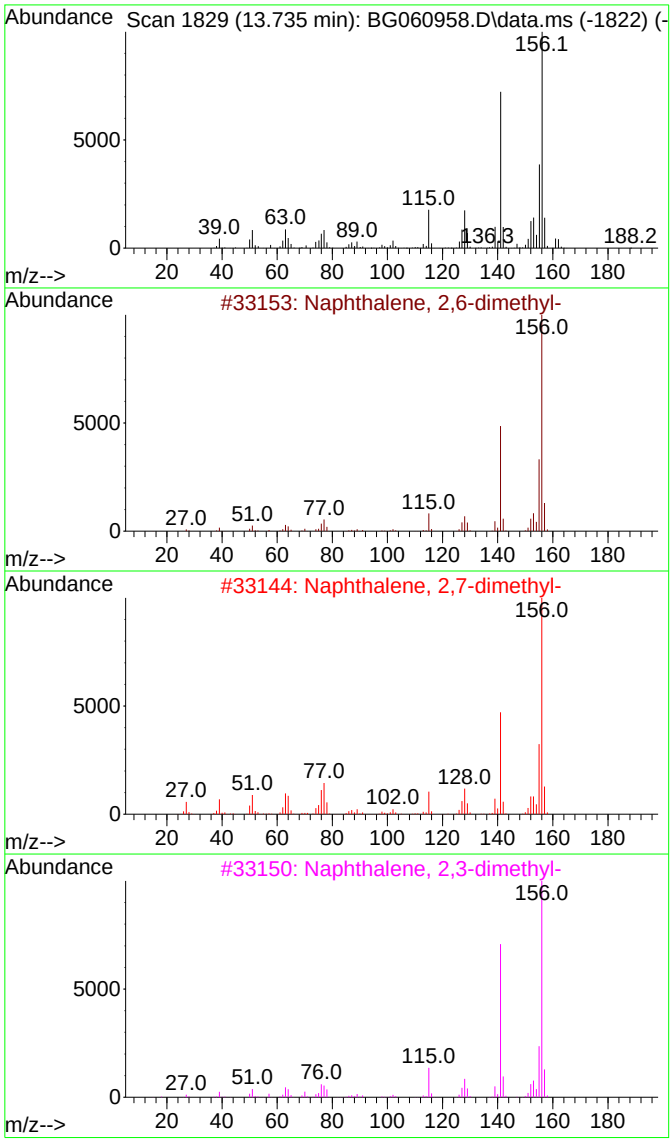
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

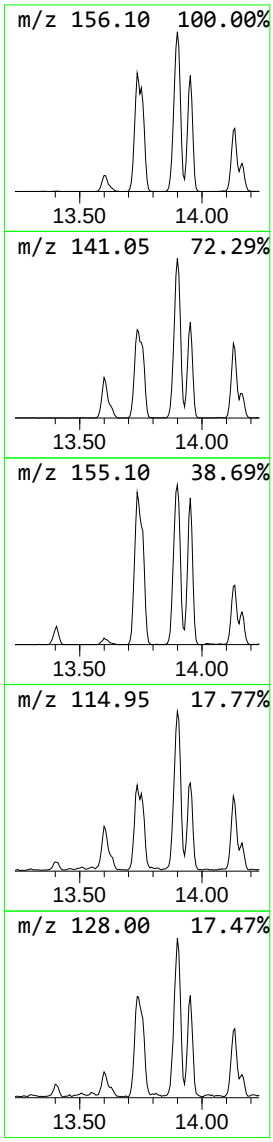
****

Peak Number 2 Naphthalene, 2,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.735	50.78 ng	2435050	Acenaphthene-d10	14.569

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041924\
Data File : BG060958.D
Acq On : 19 Apr 2024 14:11
Operator : MA/JU
Sample : P2124-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-131-SB01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG041724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

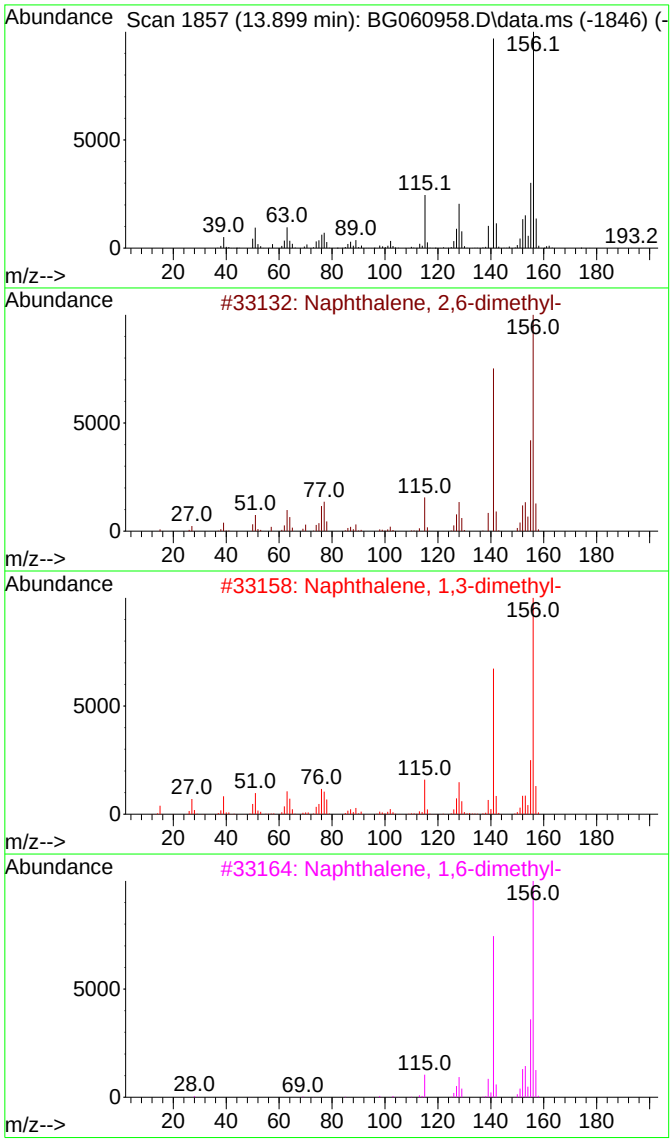
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

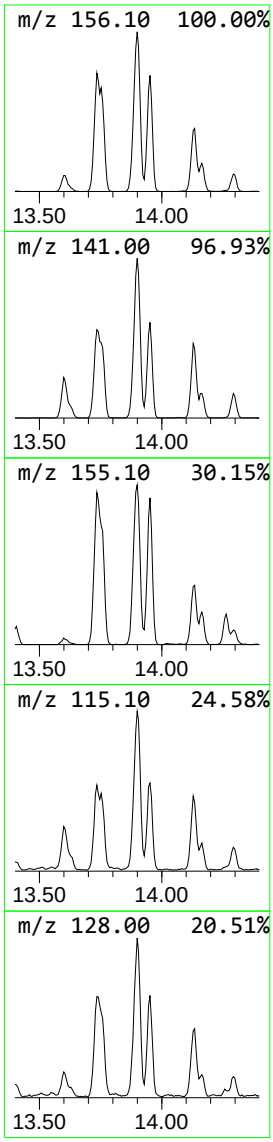
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.899	54.93 ng	2633850	Acenaphthene-d10	14.569

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041924\
Data File : BG060958.D
Acq On : 19 Apr 2024 14:11
Operator : MA/JU
Sample : P2124-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-131-SB01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG041724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

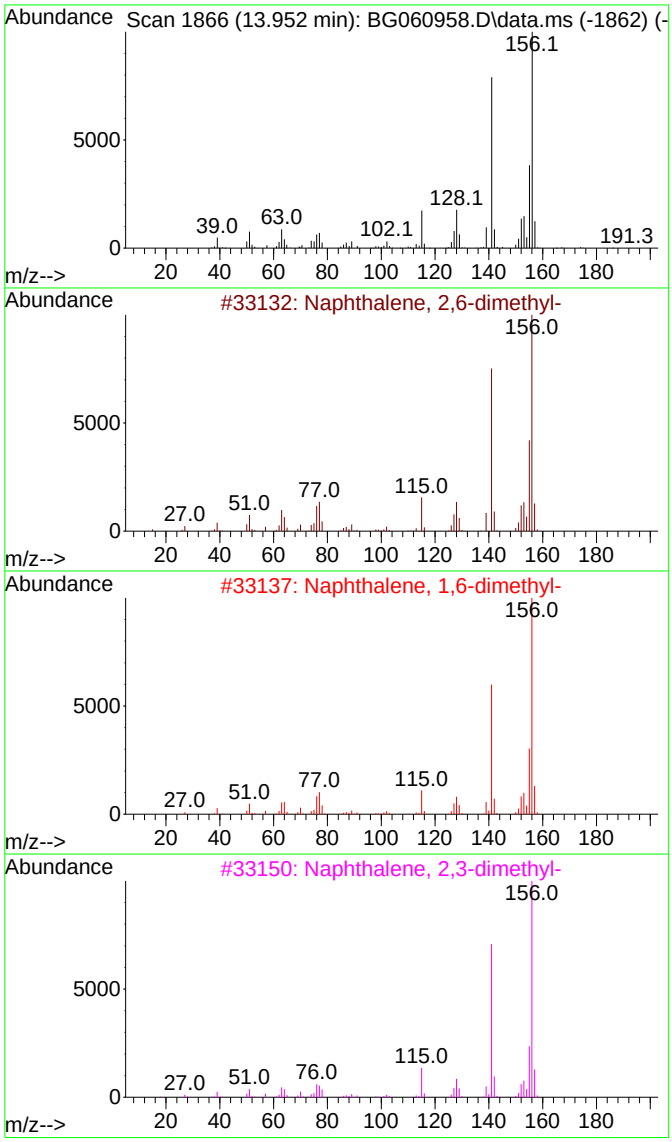
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

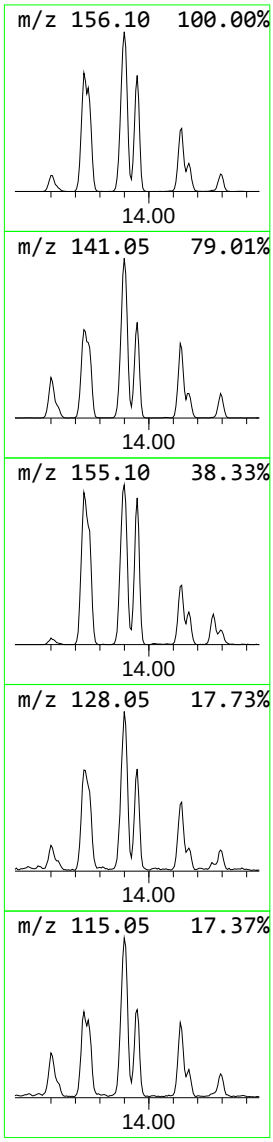
****

Peak Number 4 Naphthalene, 1,6-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.952	28.31 ng	1357640	Acenaphthene-d10	14.569

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	94
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	94
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041924\
Data File : BG060958.D
Acq On : 19 Apr 2024 14:11
Operator : MA/JU
Sample : P2124-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-131-SB01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG041724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

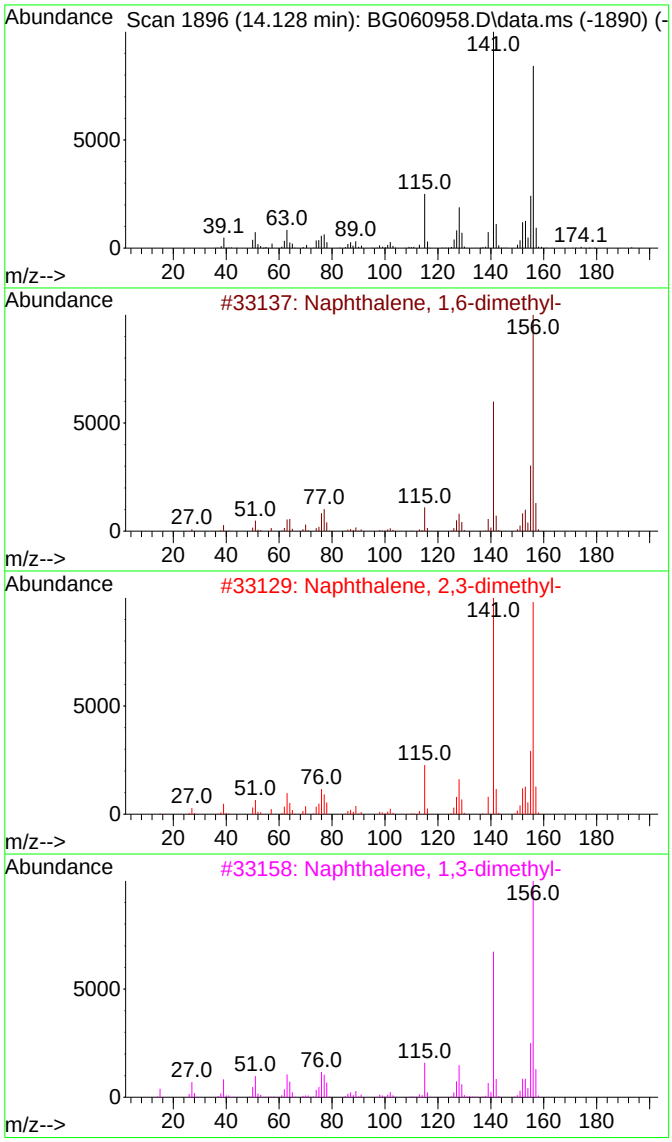
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

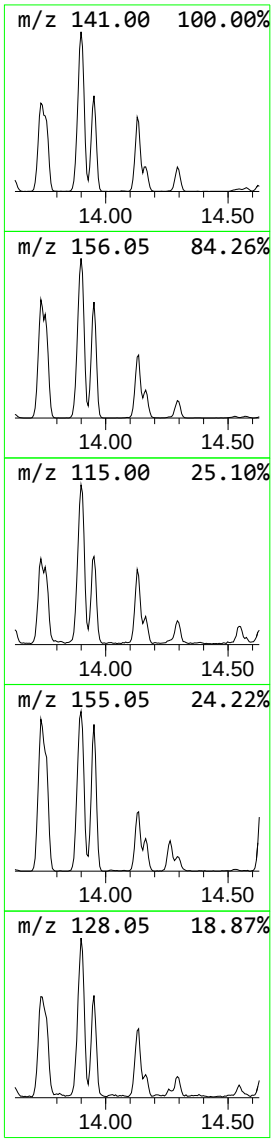
****

Peak Number 5 Naphthalene, 2,3-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.128	19.82 ng	950521	Acenaphthene-d10	14.569

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95





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Acq On : 19 Apr 2024 14:11
Operator : MA/JU
Sample : P2124-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B-131-SB01

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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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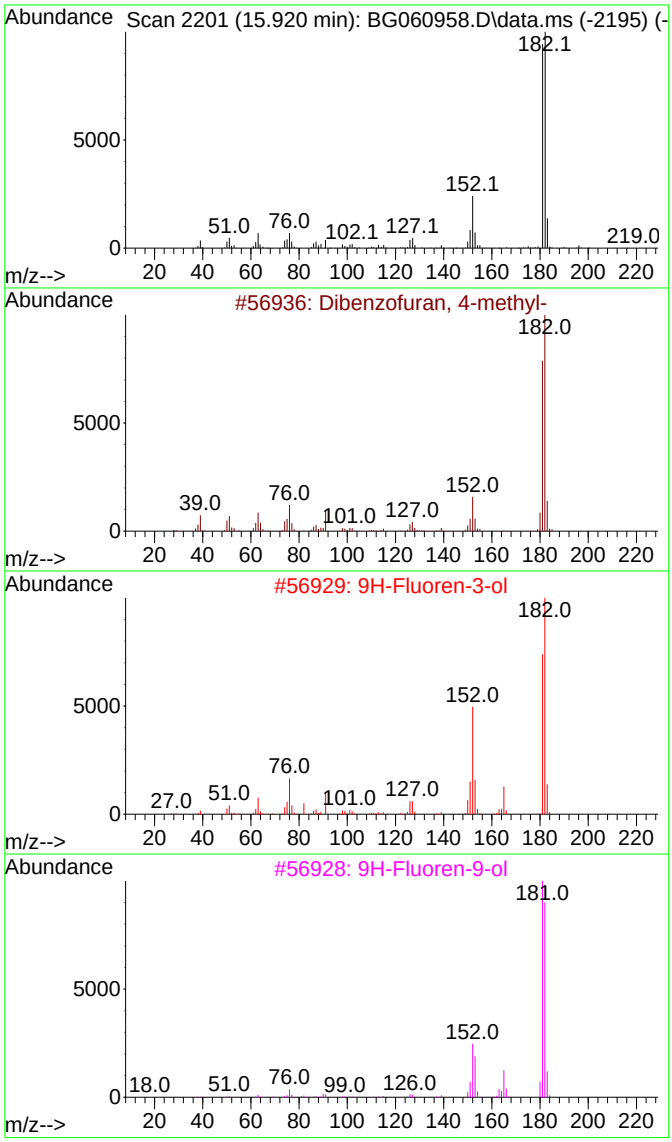
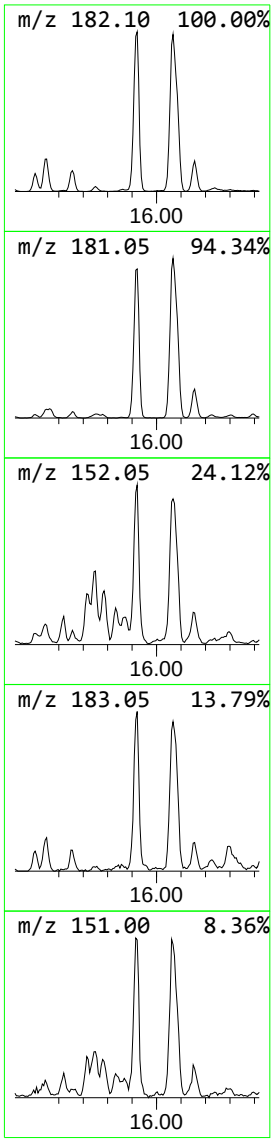
Peak Number 6 Dibenzofuran, 4-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.920	30.80 ng	1476800	Acenaphthene-d10	14.569

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	91
2	9H-Fluoren-3-ol	182	C13H10O	006344-67-8	90
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	90
4	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	90
5	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	86





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Sample : P2124-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B-131-SB01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG041724.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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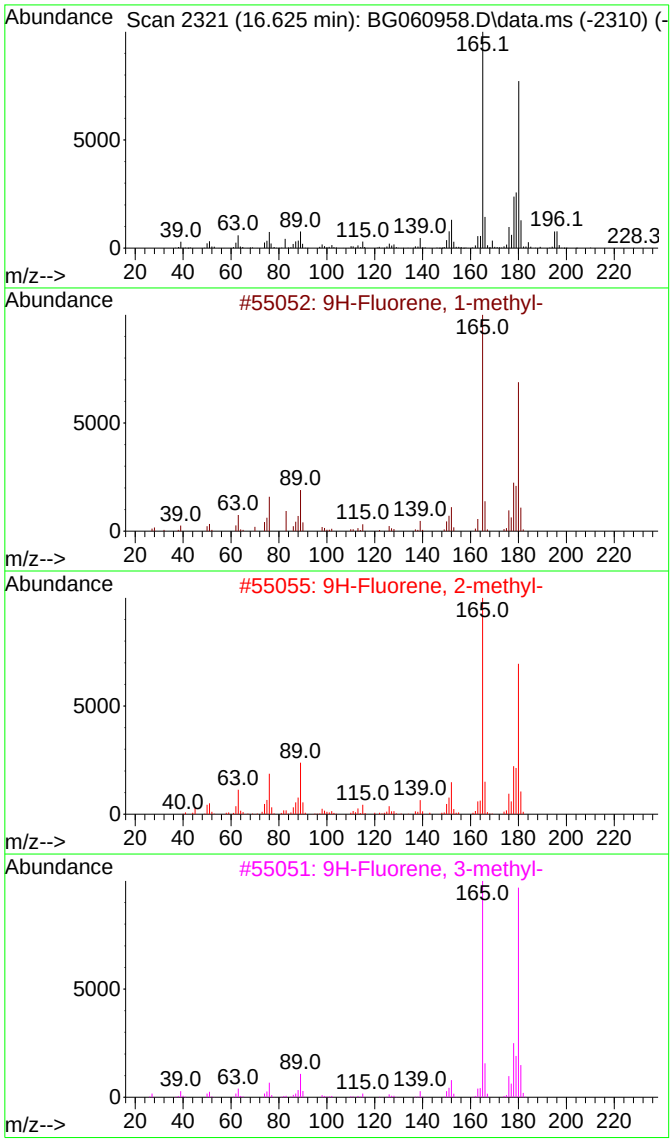
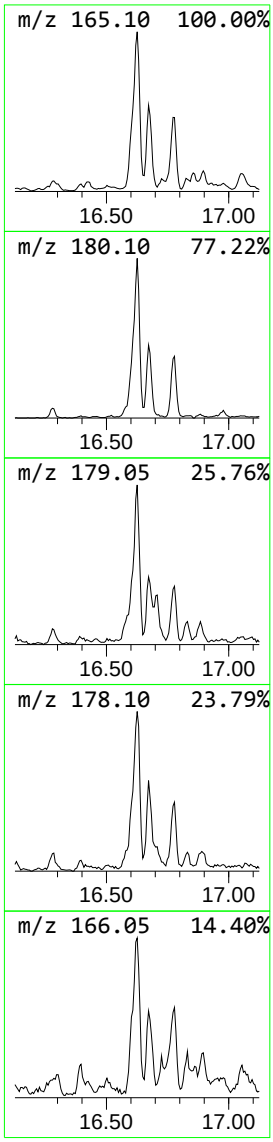
Peak Number 7 9H-Fluorene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.625	50.62 ng	1129590	Phenanthrene-d10	17.325

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	96
3	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	93
4	4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	93
5	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	90





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Sample : P2124-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

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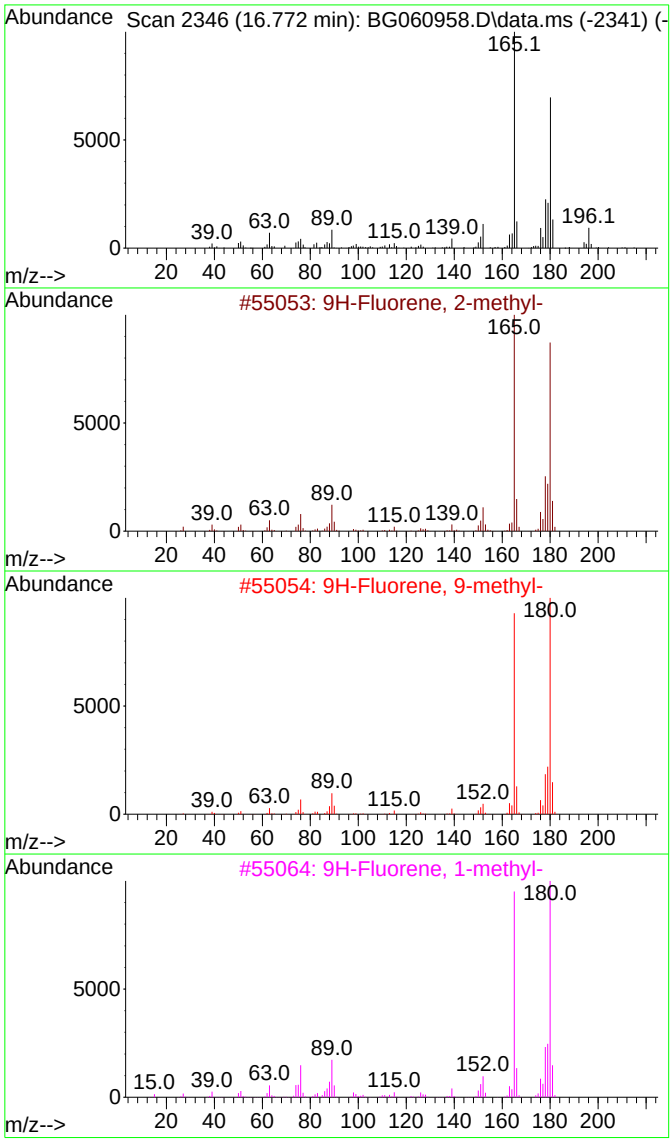
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

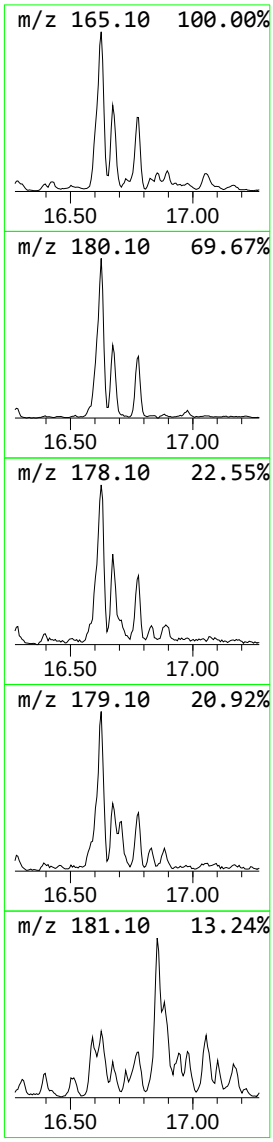
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 9H-Fluorene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.772	18.61 ng	415278	Phenanthrene-d10	17.325

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	94
2	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	93
3	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	90
4	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	76
5	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	60





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Misc :
ALS Vial : 5 Sample Multiplier: 1

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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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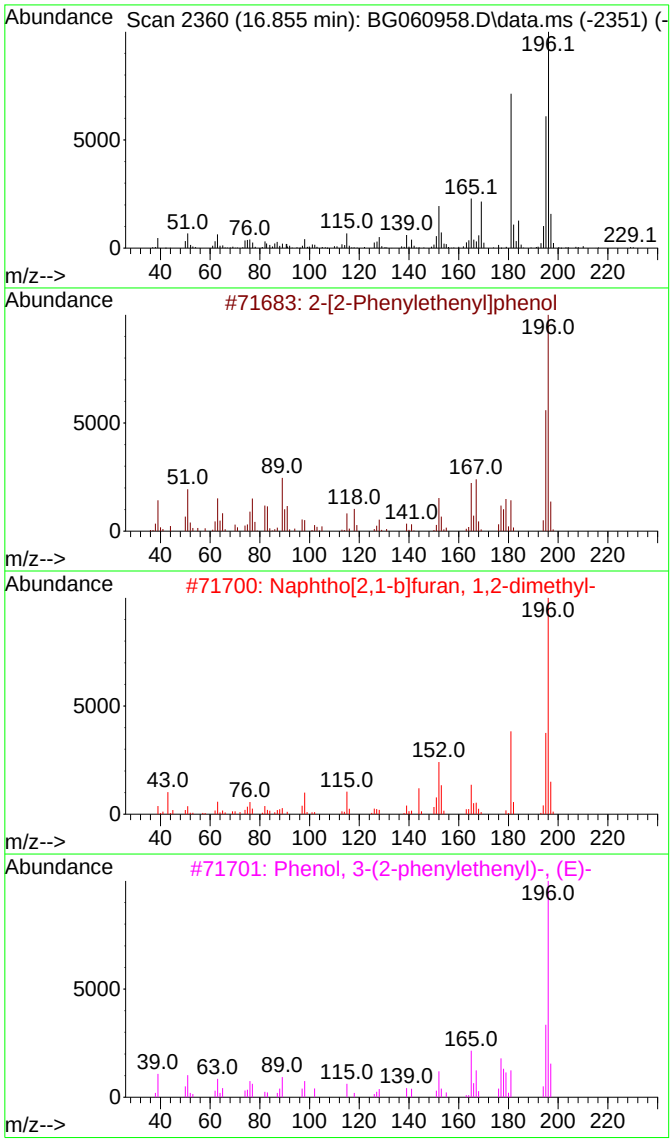
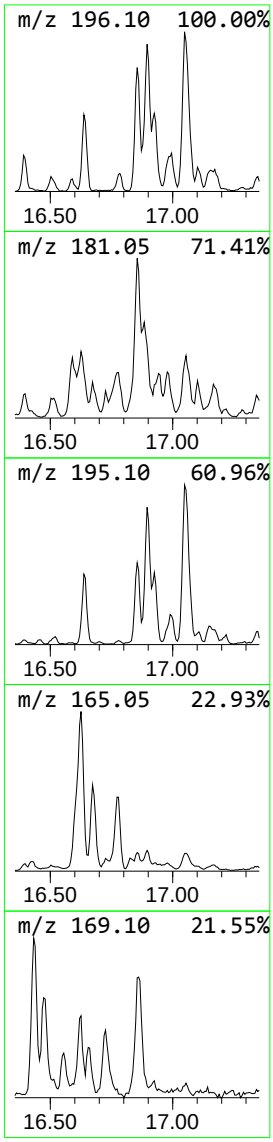
Peak Number 9 2-[2-Phenylethenyl]phenol Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.855	24.54 ng	547700	Phenanthrene-d10	17.325

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-[2-Phenylethenyl]phenol	196	C14H12O	042224-48-6	70
2	Naphtho[2,1-b]furan, 1,2-dimethyl-	196	C14H12O	129812-23-3	59
3	Phenol, 3-(2-phenylethenyl)-, (E)-	196	C14H12O	017861-18-6	49
4	Phenol, 4-(2-phenylethenyl)-	196	C14H12O	003839-46-1	47
5	Benzaldehyde, 3,4,5-trimethoxy-	196	C10H12O4	000086-81-7	46





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ALS Vial : 5 Sample Multiplier: 1

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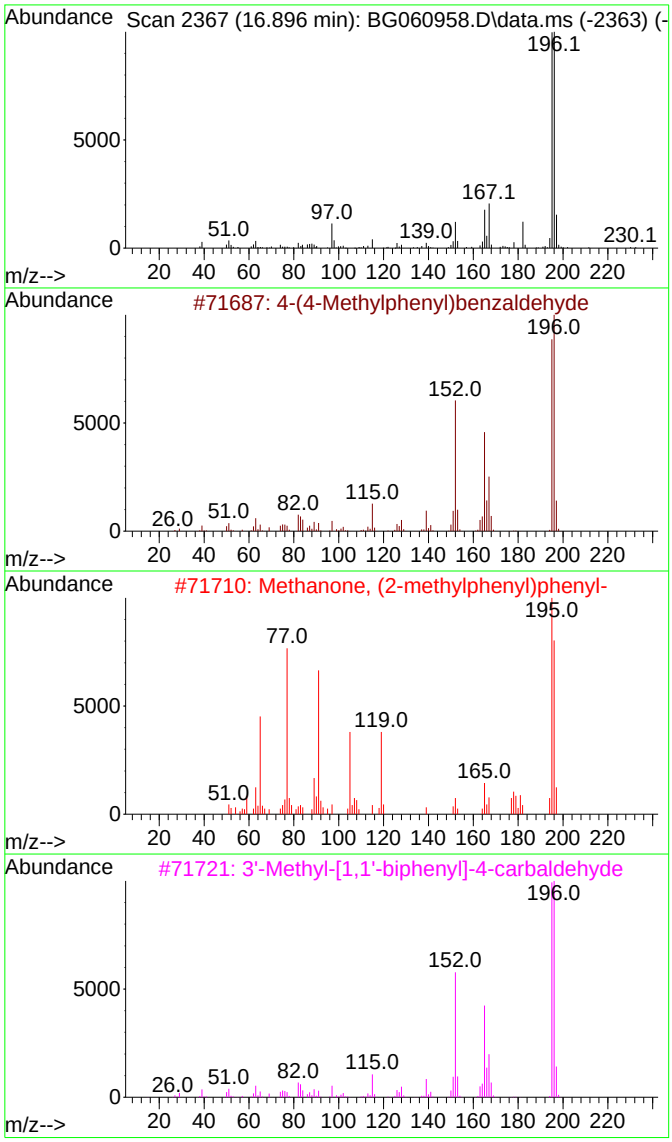
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

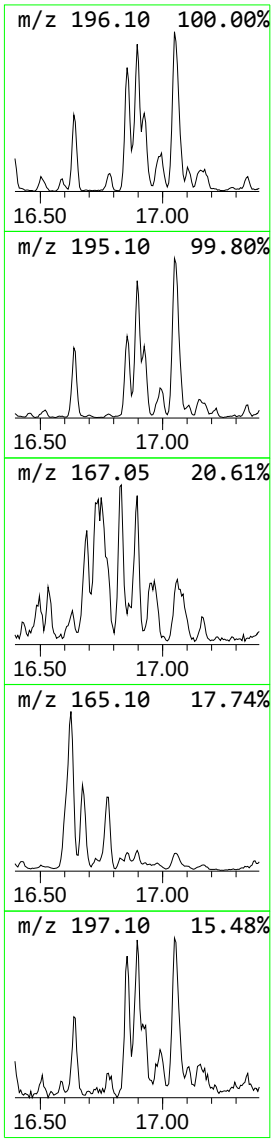
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 4-(4-Methylphenyl)benzaldehyde Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.896	21.84 ng	487322	Phenanthrene-d10	17.325

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-(4-Methylphenyl)benzaldehyde	196	C14H12O	036393-42-7	83
2	Methanone, (2-methylphenyl)phenyl-	196	C14H12O	000131-58-8	80
3	3'-Methyl-[1,1'-biphenyl]-4-carb...	196	C14H12O	400744-83-4	74
4	2-[2-Phenylethenyl]phenol	196	C14H12O	042224-48-6	58
5	3-{Pyrazolo[1,5-a]pyrimidin-7-yl...	196	C11H8N4	078561-97-4	58





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Misc :
ALS Vial : 5 Sample Multiplier: 1

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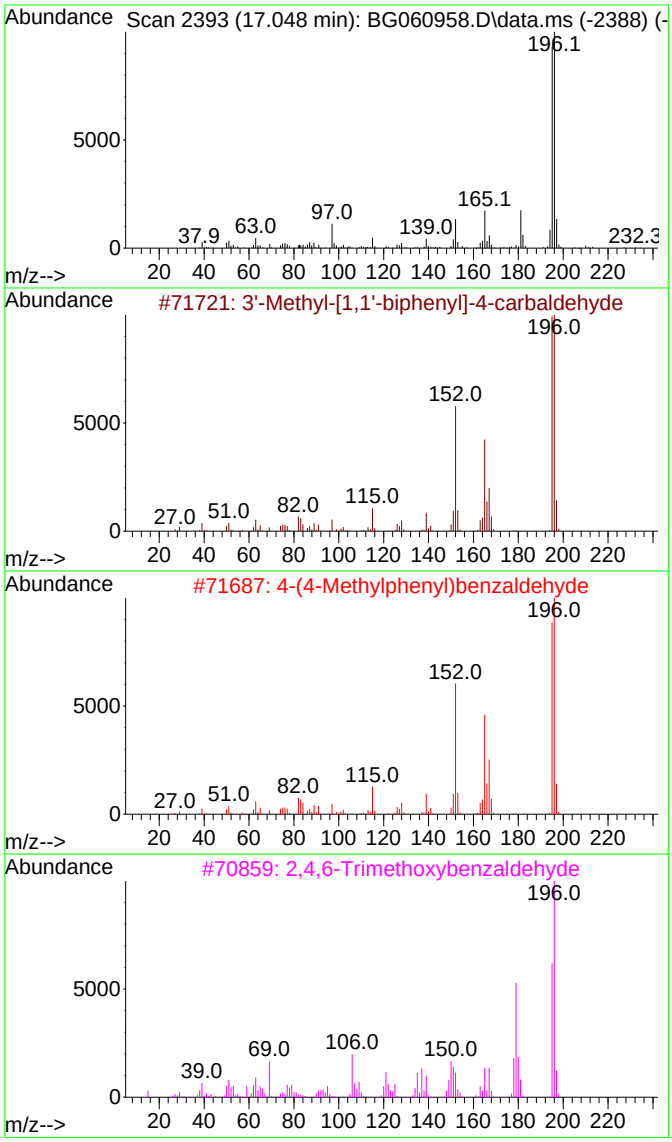
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

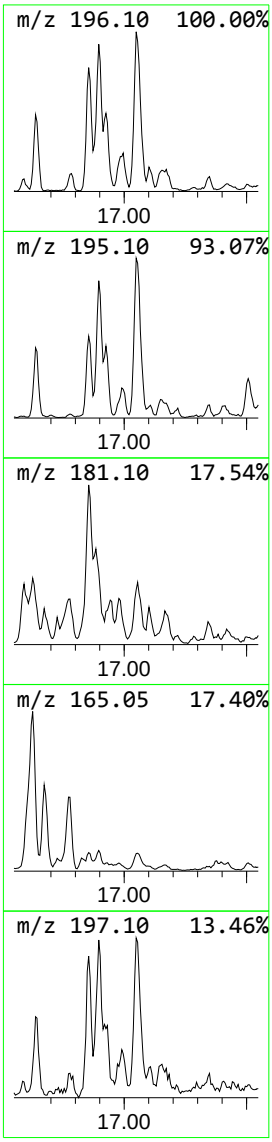
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 3'-Methyl-[1,1'-biphenyl]-4... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.049	26.76 ng	597081	Phenanthrene-d10	17.325

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3'-Methyl-[1,1'-biphenyl]-4-carb...	196	C14H12O	400744-83-4	87
2	4-(4-Methylphenyl)benzaldehyde	196	C14H12O	036393-42-7	83
3	2,4,6-Trimethoxybenzaldehyde	196	C10H12O4	000830-79-5	53
4	5,7-Dimethylpyrimido-[3,4-a]-indole	196	C13H12N2	038349-21-2	53
5	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	50





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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

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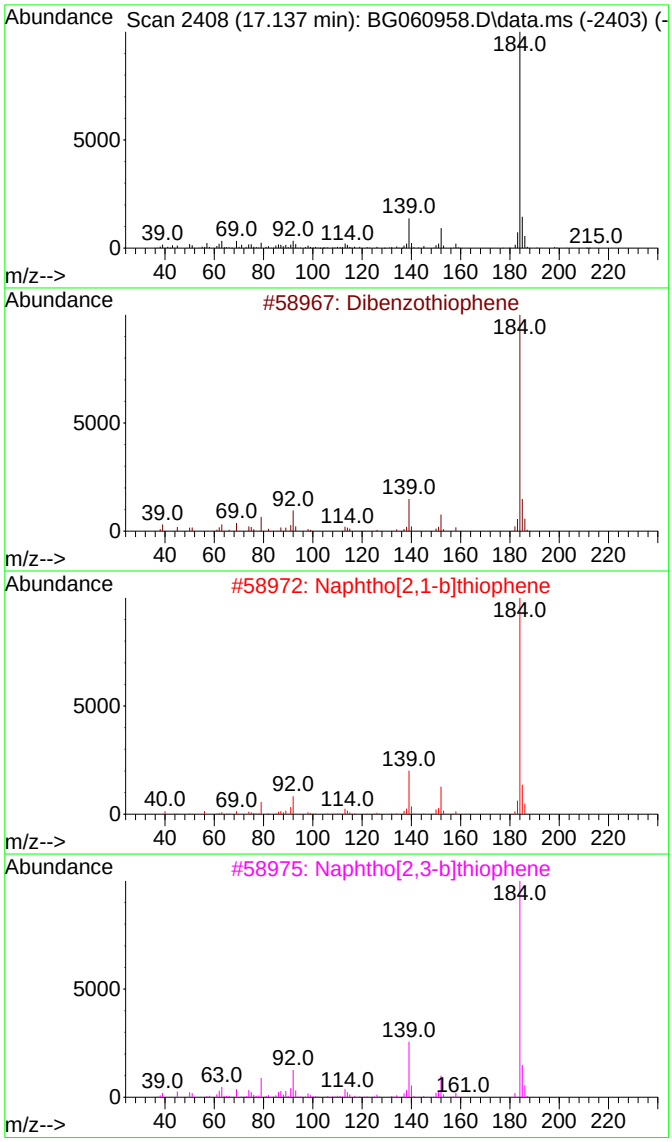
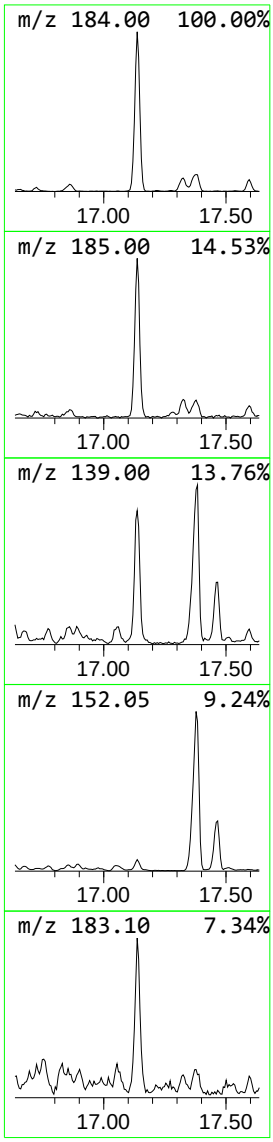
Peak Number 12 Dibenzothiophene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.137	36.55 ng	815615	Phenanthrene-d10	17.325

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	96
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	96
4	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	95
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91





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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

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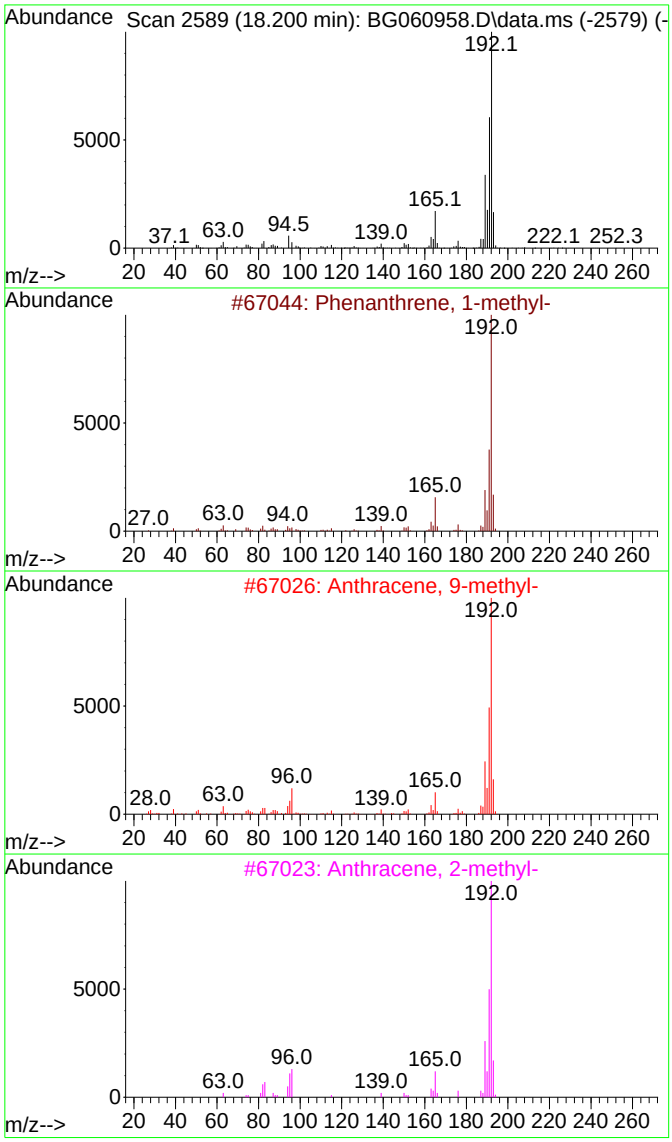
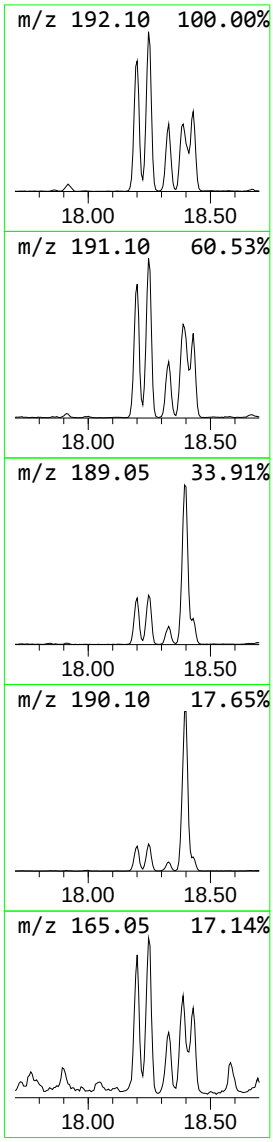
Peak Number 13 Phenanthrene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.200	57.52 ng	1283540	Phenanthrene-d10	17.325

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93





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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG041724.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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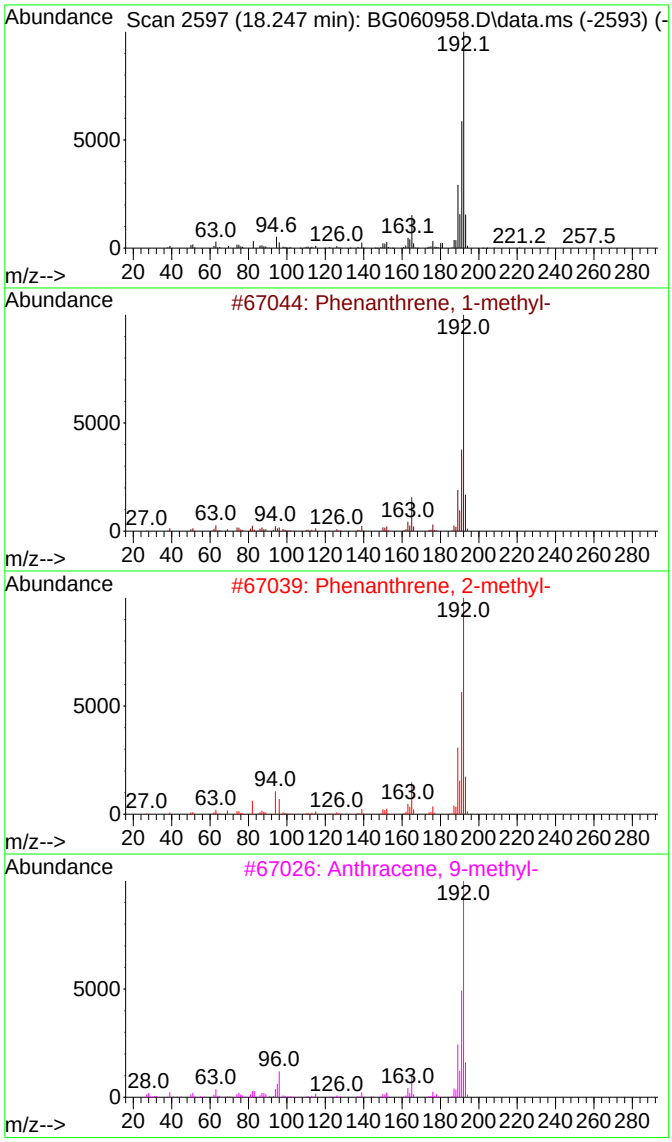
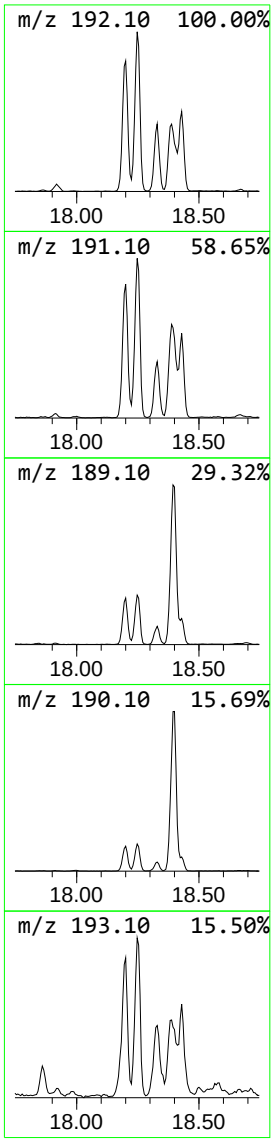
Peak Number 14 Phenanthrene, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.247	60.36 ng	1347030	Phenanthrene-d10	17.325

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93





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ALS Vial : 5 Sample Multiplier: 1

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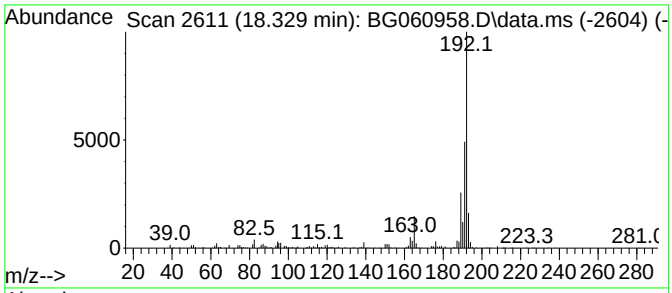
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

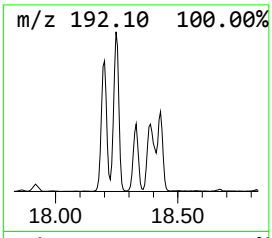
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

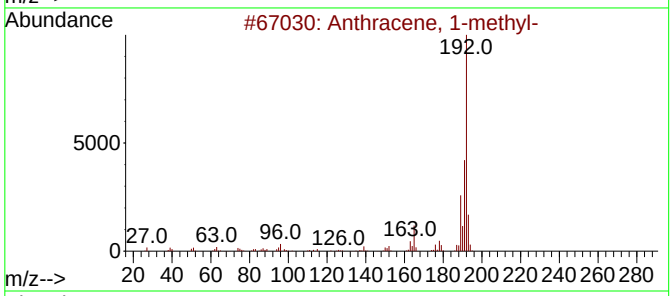
****
Peak Number 15 Anthracene, 1-methyl- Concentration Rank 12

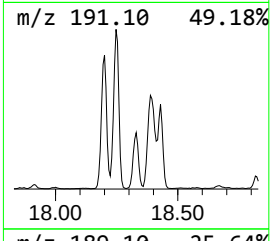
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.329	25.27 ng	563882	Phenanthrene-d10	17.325

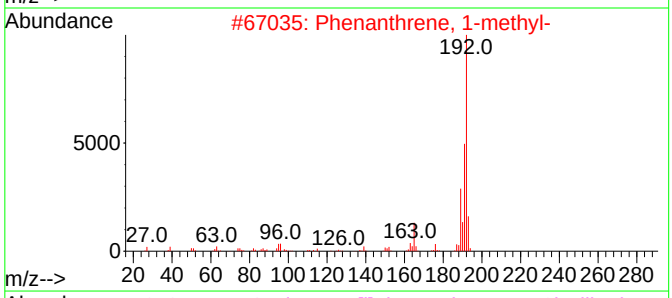
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94

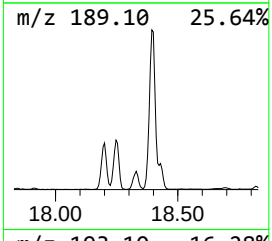


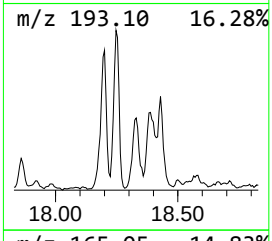


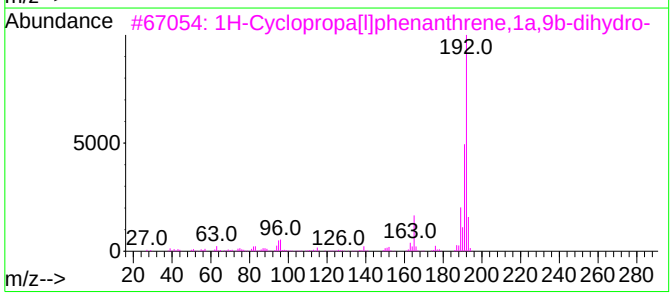


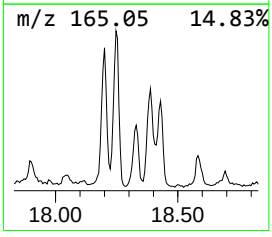












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Data File : BG060958.D
Acq On : 19 Apr 2024 14:11
Operator : MA/JU
Sample : P2124-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-131-SB01

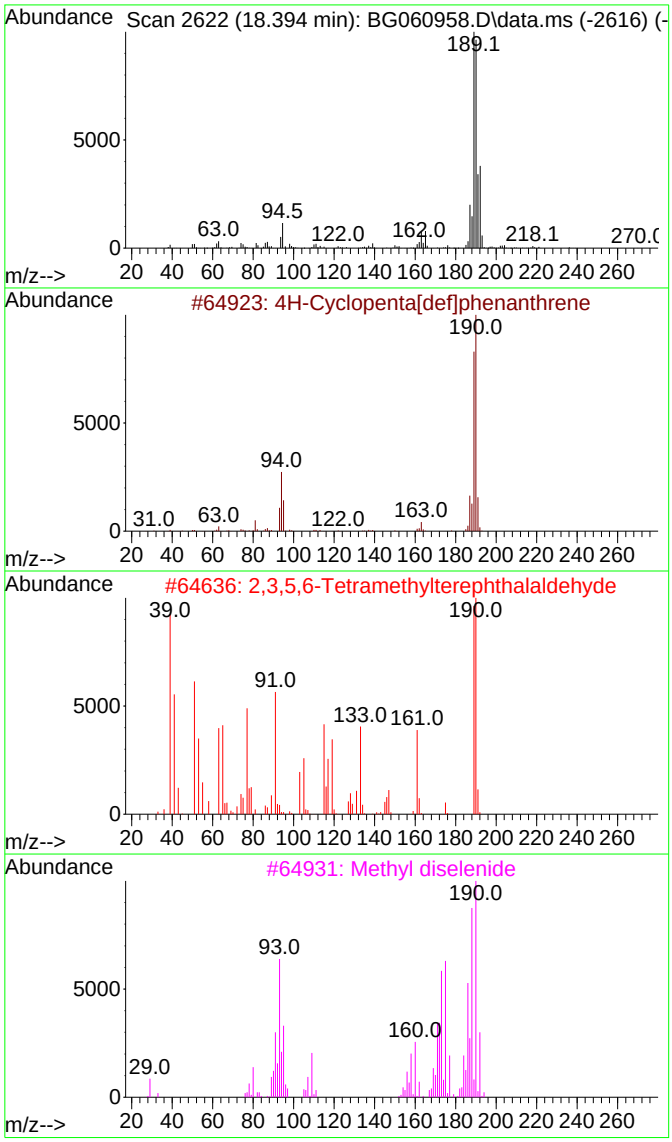
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG041724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

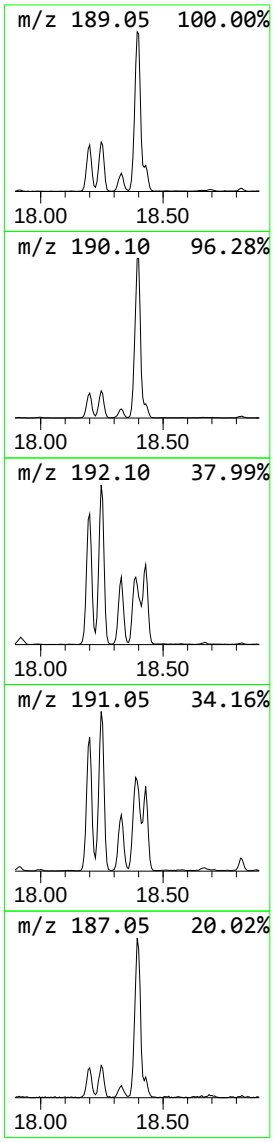
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.394	88.49 ng	1974780	Phenanthrene-d10	17.325

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	83
2	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
3	Methyl diselenide	190	C2H6Se2	007101-31-7	38
4	2,4(1H,3H)-Pyrimidinedione, 5-br...	190	C4H3BrN2O2	000051-20-7	35
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	33





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041924\
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Operator : MA/JU
Sample : P2124-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-131-SB01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG041724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

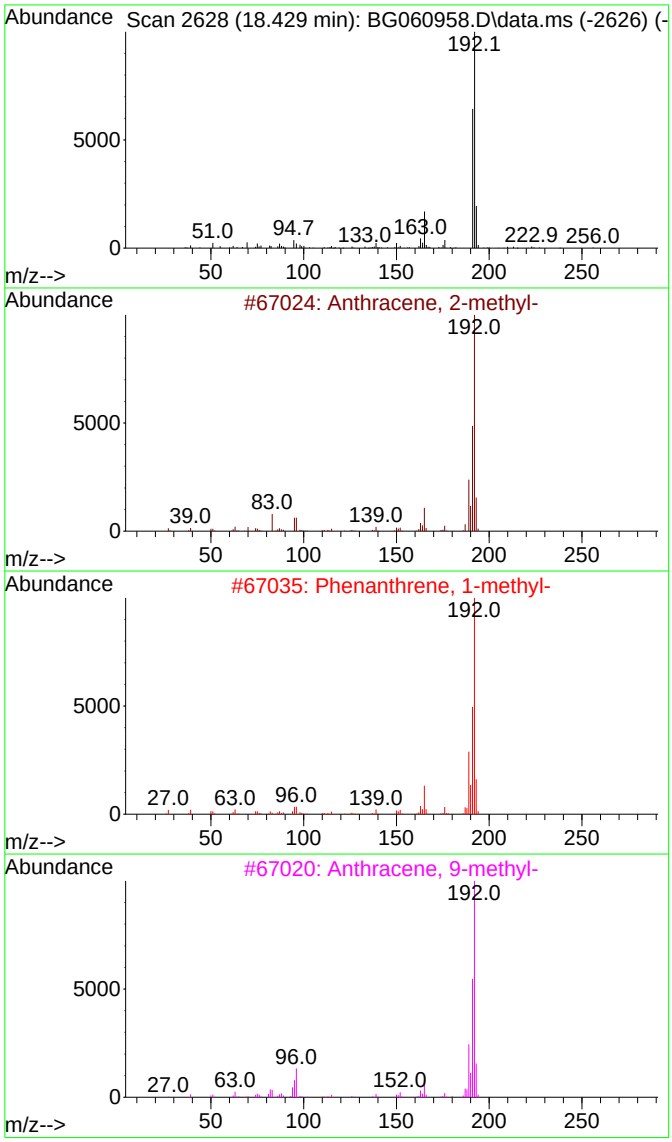
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

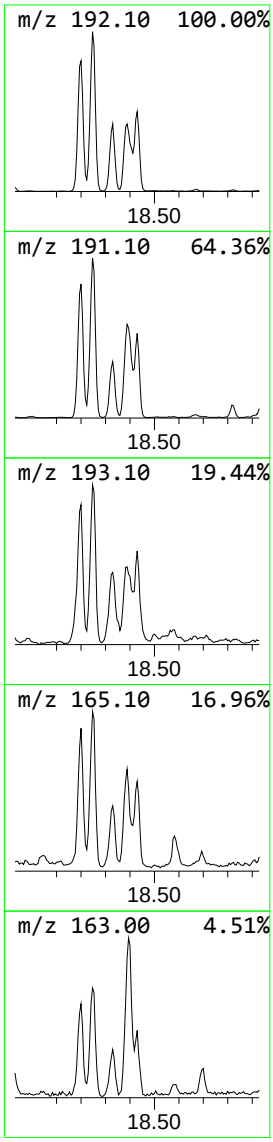
****

Peak Number 17 Anthracene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.429	21.72 ng	484765	Phenanthrene-d10	17.325

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041924\
Data File : BG060958.D
Acq On : 19 Apr 2024 14:11
Operator : MA/JU
Sample : P2124-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-131-SB01

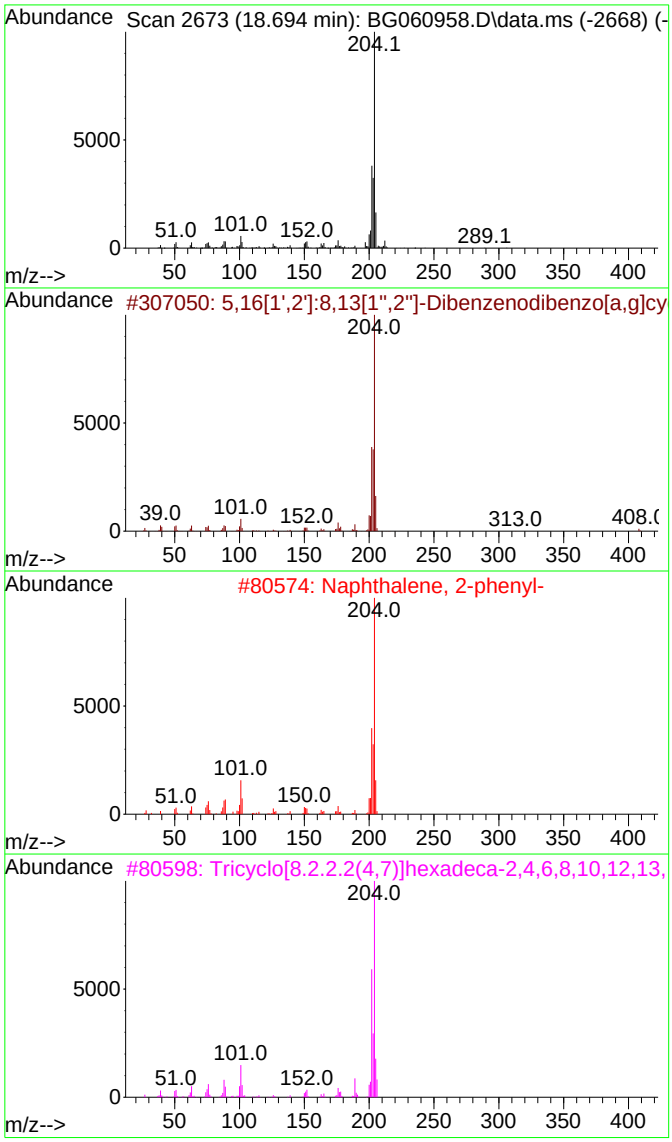
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG041724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

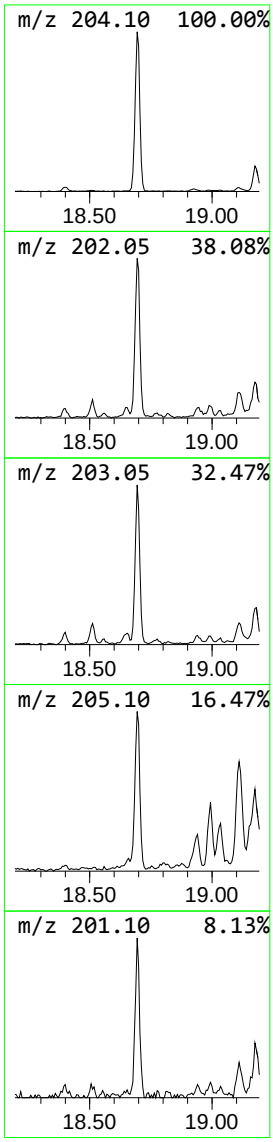
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.694	23.58 ng	526185	Phenanthrene-d10	17.325

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	90
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	62
4	Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	49
5	Benzene, 1,1'-(1-buten-3-yne-1,4...	204	C16H12	013141-45-2	47





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Operator : MA/JU
Sample : P2124-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-131-SB01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG041724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

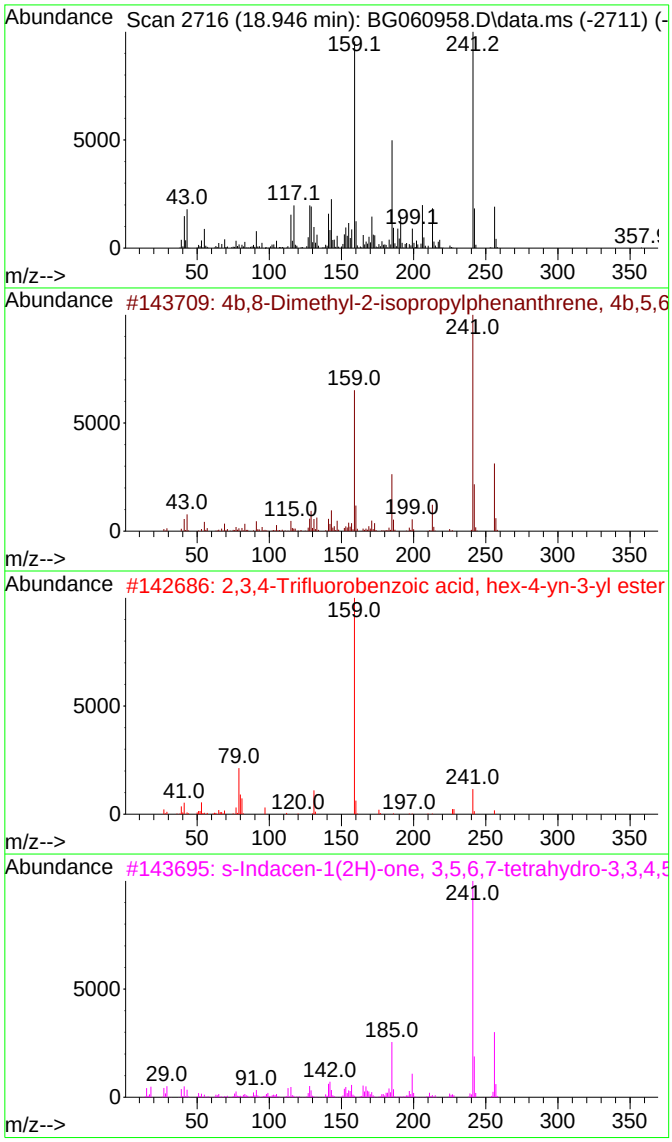
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

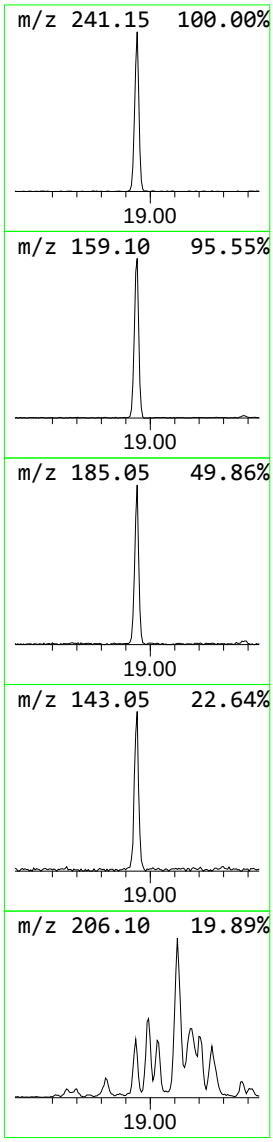
****

Peak Number 19 4b,8-Dimethyl-2-isopropylph... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.946	39.93 ng	891055	Phenanthrene-d10	17.325

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	92
2	2,3,4-Trifluorobenzoic acid, hex...	256	C13H11F3O2	1000292-55-4	43
3	s-Indacen-1(2H)-one, 3,5,6,7-tet...	256	C18H24O	038754-94-8	41
4	Naphthalene, 6-ethyl-1,2,3,4-tet...	256	C19H28	301643-35-6	35
5	As-Indacene, 1,2,3,6,7,8-hexahyd...	256	C19H28	017465-47-3	27





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Data File : BG060958.D
Acq On : 19 Apr 2024 14:11
Operator : MA/JU
Sample : P2124-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-131-SB01

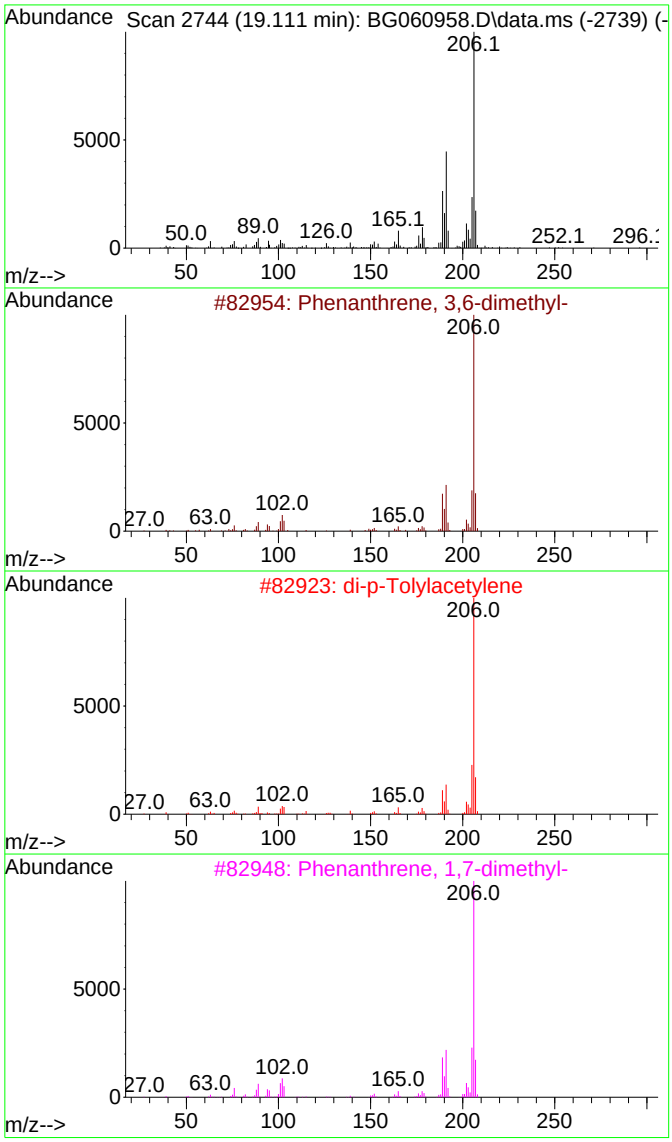
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG041724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

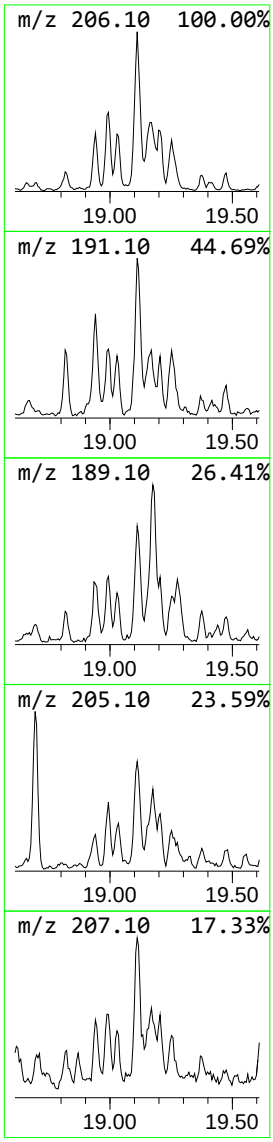
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.111	18.29 ng	408123	Phenanthrene-d10	17.325

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	94
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
4	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	93
5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041924\
Data File : BG060958.D
Acq On : 19 Apr 2024 14:11
Operator : MA/JU
Sample : P2124-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-131-SB01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG041724.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
Bicyclo[3.1.1]h...	6.637	22.2	ng	204572	1	7.942	184489	20.0
Naphthalene, 2,...	13.735	50.8	ng	2435050	3	14.569	958986	20.0
Naphthalene, 1,...	13.899	54.9	ng	2633850	3	14.569	958986	20.0
Naphthalene, 1,...	13.952	28.3	ng	1357640	3	14.569	958986	20.0
Naphthalene, 2,...	14.128	19.8	ng	950521	3	14.569	958986	20.0
Dibenzofuran, 4...	15.920	30.8	ng	1476800	3	14.569	958986	20.0
9H-Fluorene, 1-...	16.625	50.6	ng	1129590	4	17.325	446317	20.0
9H-Fluorene, 2-...	16.772	18.6	ng	415278	4	17.325	446317	20.0
2-[2-Phenylethe...	16.855	24.5	ng	547700	4	17.325	446317	20.0
4-(4-Methylphen...	16.896	21.8	ng	487322	4	17.325	446317	20.0
3'-Methyl-[1,1'...	17.049	26.8	ng	597081	4	17.325	446317	20.0
Dibenzothiophene	17.137	36.5	ng	815615	4	17.325	446317	20.0
Phenanthrene, 1...	18.200	57.5	ng	1283540	4	17.325	446317	20.0
Phenanthrene, 2...	18.247	60.4	ng	1347030	4	17.325	446317	20.0
Anthracene, 1-m...	18.329	25.3	ng	563882	4	17.325	446317	20.0
4H-Cyclopenta[d...	18.394	88.5	ng	1974780	4	17.325	446317	20.0
Anthracene, 2-m...	18.429	21.7	ng	484765	4	17.325	446317	20.0
5,16[1',2']:8,1...	18.694	23.6	ng	526185	4	17.325	446317	20.0
4b,8-Dimethyl-2...	18.946	39.9	ng	891055	4	17.325	446317	20.0
Phenanthrene, 3...	19.111	18.3	ng	408123	4	17.325	446317	20.0