LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120122\
Data File : BG055864.D
Acq On : 1 Dec 2022 20:44
Operator : CG/JU
Sample : N5819-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
S2

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-BG111622.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG055864.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.746	411	418	424	rBV	589194	973642	4.57%	0.311%
2	6.874	602	610	626	rVB	1954005	3379854	15.85%	1.078%
3	7.367	684	694	712	rBV2	576051	1511207	7.09%	0.482%
4	8.754	922	930	938	rVV	793269	1395889	6.55%	0.445%
5	9.382	1032	1037	1045	rVV	360935	716489	3.36%	0.229%
6	10.446	1209	1218	1225	rBV4	654702	1650694	7.74%	0.527%
7	10.528	1225	1232	1237	rBV2	437051	1025229	4.81%	0.327%
8	11.110	1321	1331	1338	rVB	4672628	12055949	56.54%	3.847%
9	11.216	1343	1349	1360	rVB	396223	736595	3.45%	0.235%
10	12.068	1482	1494	1498	rBV2	175147	582716	2.73%	0.186%
11	12.414	1547	1553	1561	rVV	376429	629284	2.95%	0.201%
12	12.696	1591	1601	1606	rBV	4017161	7824180	36.70%	2.496%
13	12.773	1606	1614	1625	rVB	3681964	7973683	37.40%	2.544%
14	12.914	1625	1638	1645	rVB	3857611	7569035	35.50%	2.415%
15	13.025	1648	1657	1669	rBV	880190	1521455	7.14%	0.485%
16	13.460	1726	1731	1737	rVB	980070	1498341	7.03%	0.478%
17	13.672	1762	1767	1778	rVB	934392	1545043	7.25%	0.493%
18	13.824	1787	1793	1797	rBV	397131	772236	3.62%	0.246%
19	14.018	1814	1826	1833	rBV	1730926	4435298	20.80%	1.415%
20	14.083	1833	1837	1842	rVV	575167	894524	4.20%	0.285%
21	14.171	1843	1852	1856	rVV	2479178	5080053	23.83%	1.621%
22	14.218	1856	1860	1868	rVV2	1779425	3361217	15.76%	1.072%
23	14.294	1868	1873	1880	rVV	495869	830900	3.90%	0.265%
24	14.400	1881	1891	1894	rVV	1415756	2297939	10.78%	0.733%
25	14.429	1894	1896	1909	rVB2	480899	778981	3.65%	0.249%
26	14.565	1909	1919	1926	rBV2	2371701	4244947	19.91%	1.354%
27	14.800	1953	1959	1963	rBV	688009	1092987	5.13%	0.349%
28	14.905	1970	1977	1983	rVV2	1087466	1831923	8.59%	0.585%
29	15.046	1993	2001	2008	rBV3	692765	1608948	7.55%	0.513%
30	15.234	2025	2033	2039	rVB3	1394405	3096965	14.52%	0.988%
31	15.305	2039	2045	2050	rVB	981193	1492466	7.00%	0.476%
32	15.364	2050	2055	2061	rVB2	357302	586141	2.75%	0.187%
33	15.446	2061	2069	2074	rBV4	845217	1902868	8.92%	0.607%
34	15.499	2074	2078	2082	rVB2	625024	833684	3.91%	0.266%
35	15.646	2101	2103	2108	rVB2	546763	711758	3.34%	0.227%
36	15.704	2108	2113	2117	rBV	520436	810499	3.80%	0.259%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120122\
Data File : BG055864.D
Acq On : 1 Dec 2022 20:44
Operator : CG/JU
Sample : N5819-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
S2

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-BG111622.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	15.787	2117	2127	2131	rBV5	471729	903743	4.24%	0.288%
38	15.892	2138	2145	2154	rVB	3250734	6355912	29.81%	2.028%
39	16.092	2174	2179	2184	rBV2	422377	801820	3.76%	0.256%
40	16.169	2186	2192	2198	rVB4	471511	1053049	4.94%	0.336%
41	16.298	2208	2214	2215	rBV	914721	1293797	6.07%	0.413%
42	16.321	2215	2218	2225	rVB2	1246926	2230023	10.46%	0.712%
43	16.880	2304	2313	2318	rBV2	1213718	2840112	13.32%	0.906%
44	16.932	2318	2322	2327	rVB	899989	1326684	6.22%	0.423%
45	17.032	2334	2339	2343	rBV	731233	1137466	5.33%	0.363%
46	17.244	2366	2375	2380	rVV2	558193	1105129	5.18%	0.353%
47	17.297	2380	2384	2390	rVV3	544089	898792	4.22%	0.287%
48	17.408	2397	2403	2410	rVB	2375006	4054133	19.01%	1.294%
49	17.661	2428	2446	2451	rBV	8116210	21321870	100.00%	6.803%
50	17.737	2453	2459	2463	rBV	3898682	6325117	29.66%	2.018%
51	17.990	2497	2502	2507	rVB	1504904	2273577	10.66%	0.725%
52	18.037	2507	2510	2514	rVB	698260	788447	3.70%	0.252%
53	18.096	2516	2520	2524	rBV2	491990	638944	3.00%	0.204%
54	18.172	2528	2533	2540	rVB	1821882	2845075	13.34%	0.908%
55	18.313	2551	2557	2563	rVB	1386704	2695626	12.64%	0.860%
56	18.466	2576	2583	2587	rBV	2877403	5350903	25.10%	1.707%
57	18.519	2587	2592	2598	rVB	3542182	5888414	27.62%	1.879%
58	18.595	2599	2605	2609	rBV	1268193	2175372	10.20%	0.694%
59	18.660	2609	2616	2620	rBV3	3881405	8370535	39.26%	2.671%
60	18.695	2620	2622	2626	rVB	1869785	2227295	10.45%	0.711%
61	18.795	2635	2639	2643	rBV3	388068	592487	2.78%	0.189%
62	18.848	2644	2648	2652	rVB	609580	918557	4.31%	0.293%
63	18.948	2660	2665	2669	rBV2	1946231	3009422	14.11%	0.960%
64	19.006	2669	2675	2683	rVB	1081157	2367912	11.11%	0.756%
65	19.124	2688	2695	2699	rBV3	420946	978163	4.59%	0.312%
66	19.183	2699	2705	2710	rBV3	762490	1794870	8.42%	0.573%
67	19.241	2711	2715	2719	rBV	951550	1259344	5.91%	0.402%
68	19.283	2719	2722	2727	rVB3	821463	1147189	5.38%	0.366%
69	19.371	2730	2737	2741	rBV2	2196424	4653084	21.82%	1.485%
70	19.529	2756	2764	2768	rBV3	742604	2179678	10.22%	0.695%
71	19.659	2776	2786	2790	rBV	7242173	16303065	76.46%	5.202%
72	19.788	2803	2808	2812	rBV	1405488	2098470	9.84%	0.670%
73	19.876	2818	2823	2827	rBV	1258832	2077656	9.74%	0.663%
74	20.023	2834	2848	2851	rBV2	6891652	18003142	84.44%	5.744%
75	20.058	2851	2854	2859	rVB	924206	1219364	5.72%	0.389%
76	20.170	2869	2873	2877	rVB2	1996361	2894596	13.58%	0.924%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120122\
Data File : BG055864.D
Acq On : 1 Dec 2022 20:44
Operator : CG/JU
Sample : N5819-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
S2

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-BG111622.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	20.223	2877	2882	2889	rVB3	579150	1362319	6.39%	0.435%
78	20.317	2891	2898	2903	rVB3	1337414	2959906	13.88%	0.944%
79	20.487	2923	2927	2933	rVB	2887321	4454226	20.89%	1.421%
80	20.581	2939	2943	2947	rVB	2165437	2941114	13.79%	0.938%
81	20.646	2950	2954	2961	rVB	1518736	2511284	11.78%	0.801%
82	20.781	2973	2977	2981	rBV	1283554	1939916	9.10%	0.619%
83	20.828	2981	2985	2992	rVB	1719534	2642945	12.40%	0.843%
84	21.451	3087	3091	3094	rBV	1088520	1763858	8.27%	0.563%
85	21.486	3094	3097	3103	rVB	1985764	3262092	15.30%	1.041%
86	21.545	3103	3107	3111	rBV2	985748	1612702	7.56%	0.515%
87	21.880	3155	3164	3169	rVV2	4469762	10643000	49.92%	3.396%
88	21.956	3171	3177	3186	rVB	4276818	8620580	40.43%	2.751%
89	22.179	3210	3215	3223	rVB6	446769	1098491	5.15%	0.350%
90	22.314	3233	3238	3244	rBV2	663392	1462328	6.86%	0.467%
91	22.379	3246	3249	3261	rVB3	509508	1151215	5.40%	0.367%
92	22.649	3292	3295	3302	rVB	1038228	1811146	8.49%	0.578%
93	22.726	3304	3308	3314	rVB	646530	1129829	5.30%	0.360%
94	22.943	3340	3345	3350	rBV2	710136	1522277	7.14%	0.486%
95	23.084	3363	3369	3377	rBV	477627	1075778	5.05%	0.343%
96	24.236	3553	3565	3572	rBV	2024953	8194583	38.43%	2.615%
97	24.488	3601	3608	3617	rVB	671517	1735272	8.14%	0.554%
98	24.994	3685	3694	3708	rVB	1340046	4463632	20.93%	1.424%
99	25.170	3711	3724	3736	rVV	2122512	7189737	33.72%	2.294%
100	25.387	3755	3761	3775	rVB3	628082	2208603	10.36%	0.705%

Sum of corrected areas: 313409286

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120122\
Data File : BG055864.D
Acq On : 1 Dec 2022 20:44
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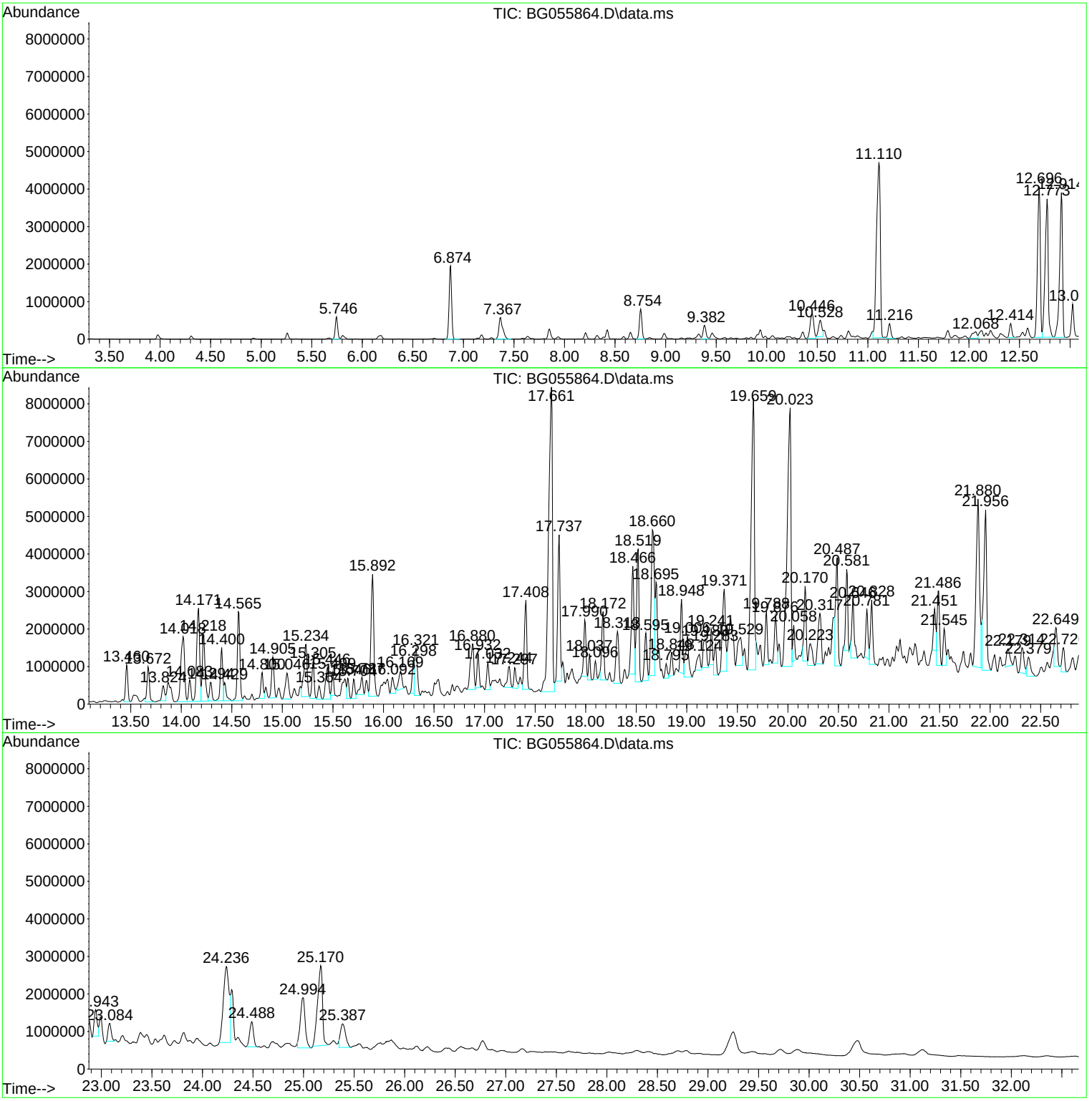
Sample : N5819-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
S2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.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\BG120122\
Data File : BG055864.D
Acq On : 1 Dec 2022 20:44
Operator : CG/JU
Sample : N5819-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
S2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

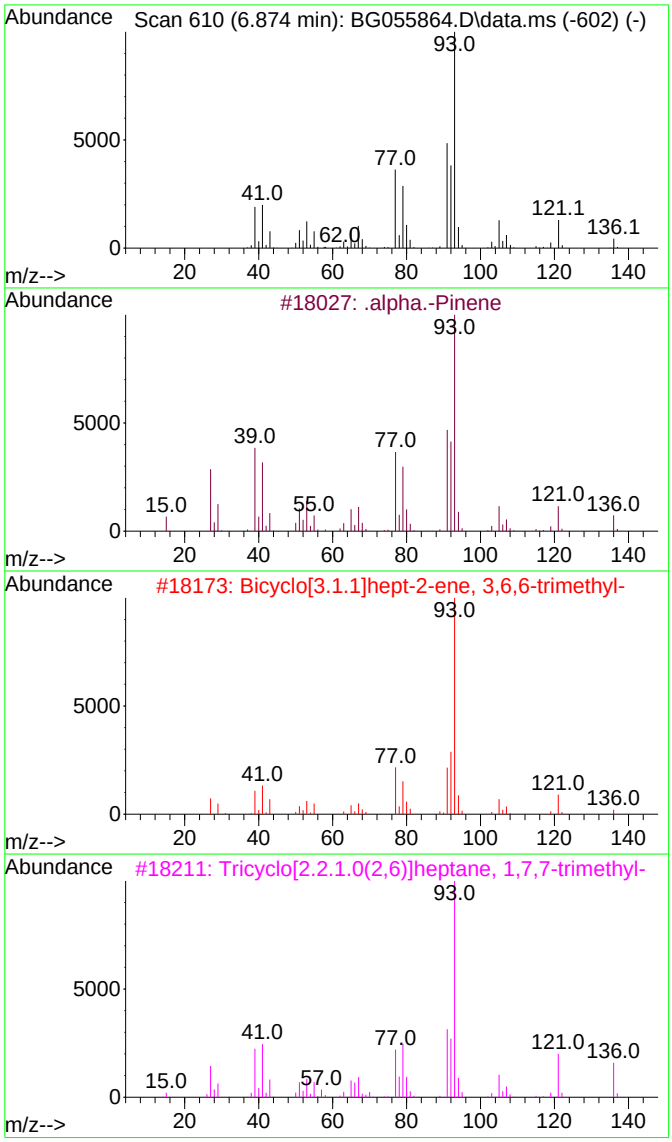
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

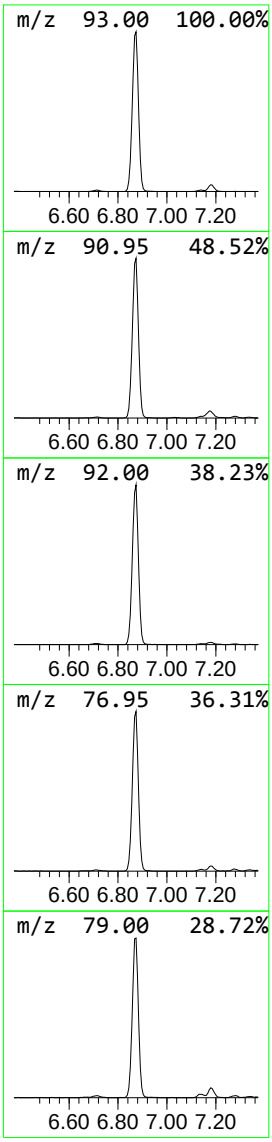
****

Peak Number 1 .alpha.-Pinene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.874	48.43 ng	3379850	1,4-Dichlorobenzene-d4	8.207

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Pinene	136	C10H16	000080-56-8	95
2	Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	91
3	Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	91
4	trans-.beta.-Ocimene	136	C10H16	003779-61-1	90
5	3-Carene	136	C10H16	013466-78-9	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120122\
Data File : BG055864.D
Acq On : 1 Dec 2022 20:44
Operator : CG/JU
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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
S2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

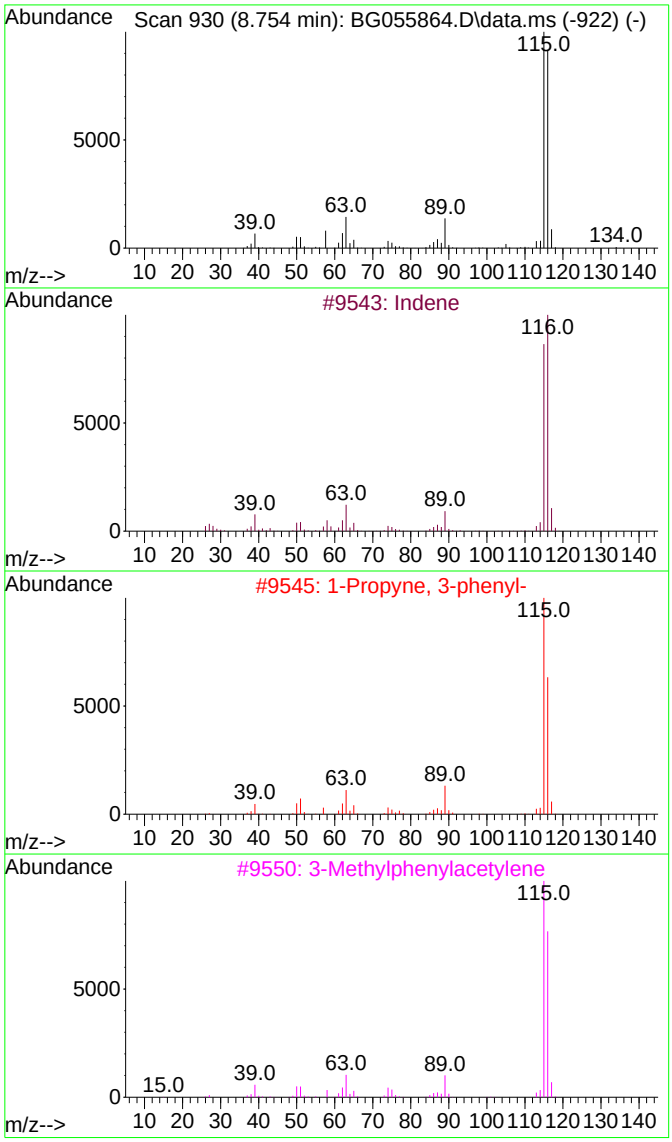
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

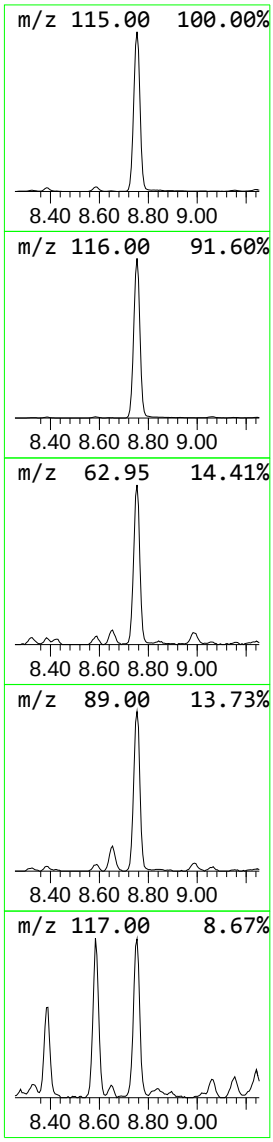
****

Peak Number 2 Indene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.754	20.00 ng	1395890	1,4-Dichlorobenzene-d4	8.207

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	95
2	1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	94
3	3-Methylphenylacetylene	116	C9H8	000766-82-5	91
4	2-Methylphenylacetylene	116	C9H8	000766-47-2	91
5	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120122\
Data File : BG055864.D
Acq On : 1 Dec 2022 20:44
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Misc :
ALS Vial : 12 Sample Multiplier: 1

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BNA_G
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S2

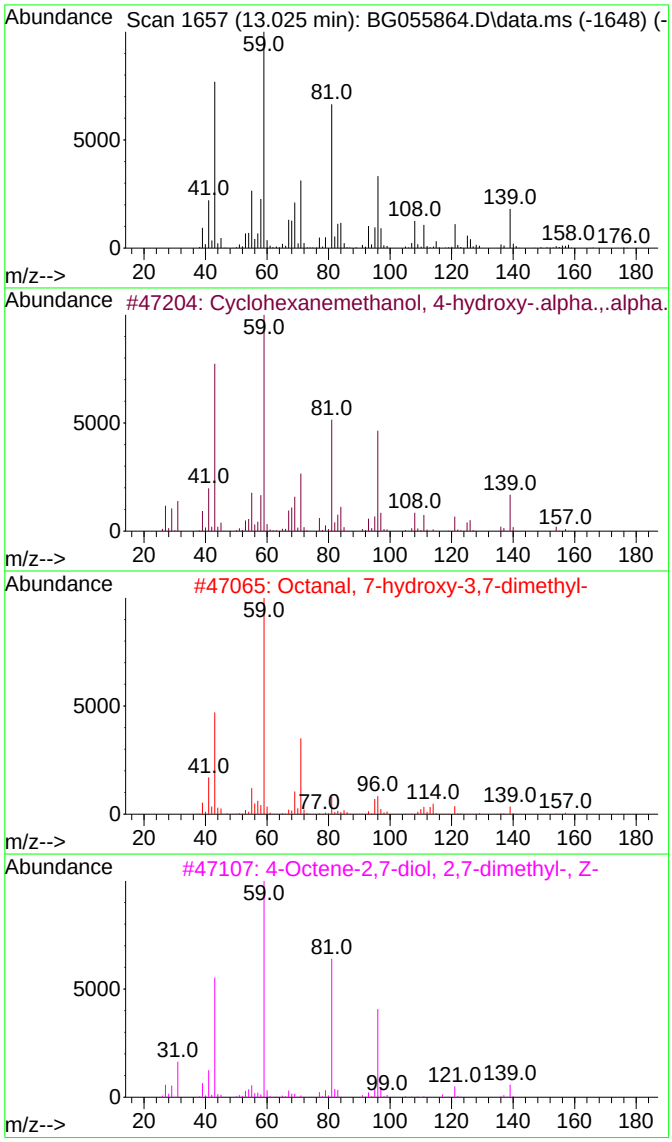
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

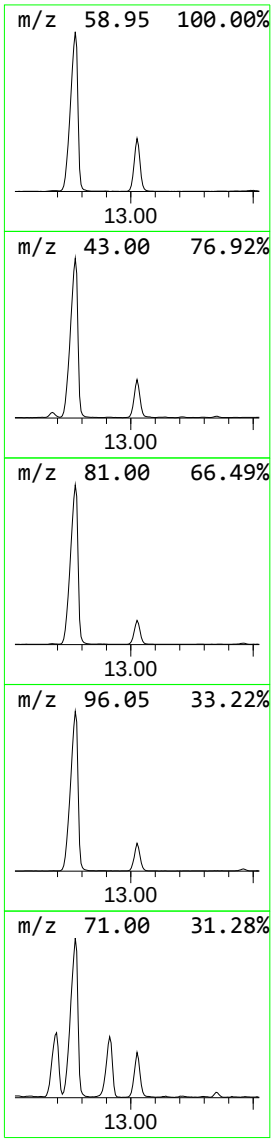
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Cyclohexanemethanol, 4-hydr... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.025	27.84 ng	1521460	Acenaphthene-d10	14.835

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanemethanol, 4-hydroxy-....	172	C10H20O2	000080-53-5	90
2	Octanal, 7-hydroxy-3,7-dimethyl-	172	C10H20O2	000107-75-5	59
3	4-Octene-2,7-diol, 2,7-dimethyl-...	172	C10H20O2	1000151-60-8	50
4	2-Cyclobutyl-2-propanol	114	C7H14O	059383-67-4	38
5	(S)-2,5-Dimethyl-3-vinylhex-4-en...	154	C10H18O	035671-15-9	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120122\
Data File : BG055864.D
Acq On : 1 Dec 2022 20:44
Operator : CG/JU
Sample : N5819-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
S2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

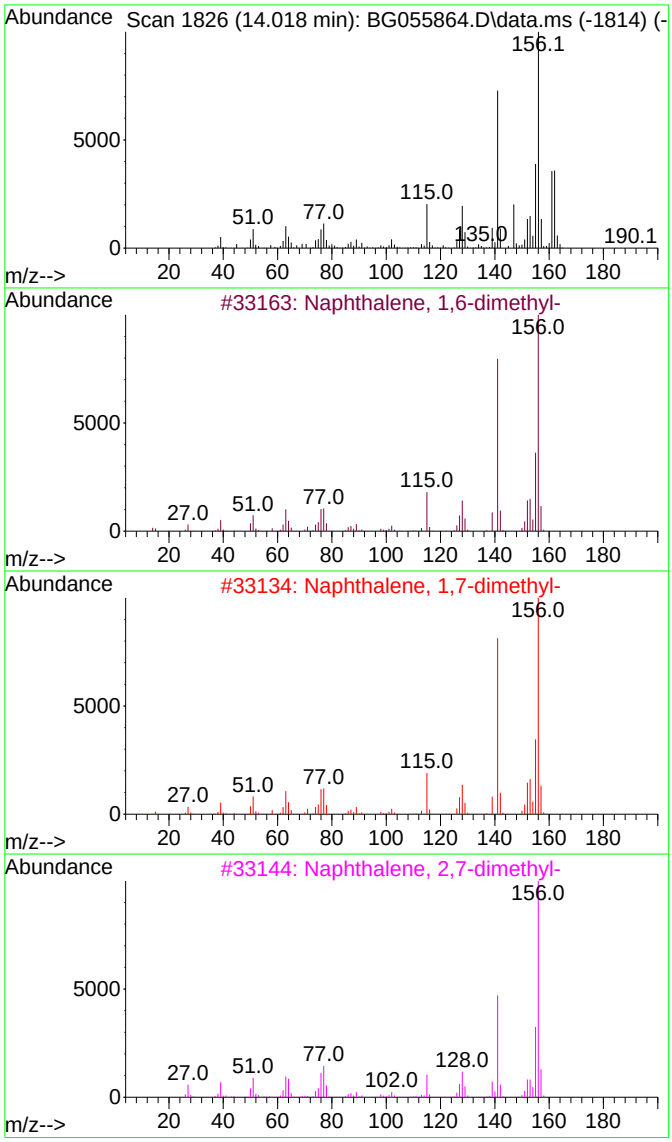
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

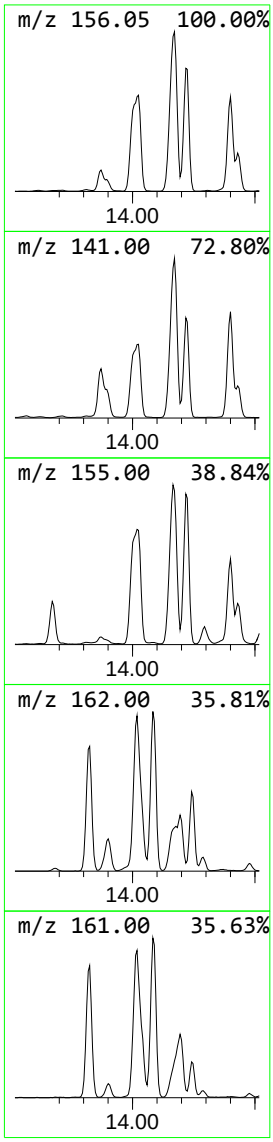
****

Peak Number 4 Naphthalene, 1,6-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.018	81.16 ng	4435300	Acenaphthene-d10	14.835

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120122\
Data File : BG055864.D
Acq On : 1 Dec 2022 20:44
Operator : CG/JU
Sample : N5819-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
S2

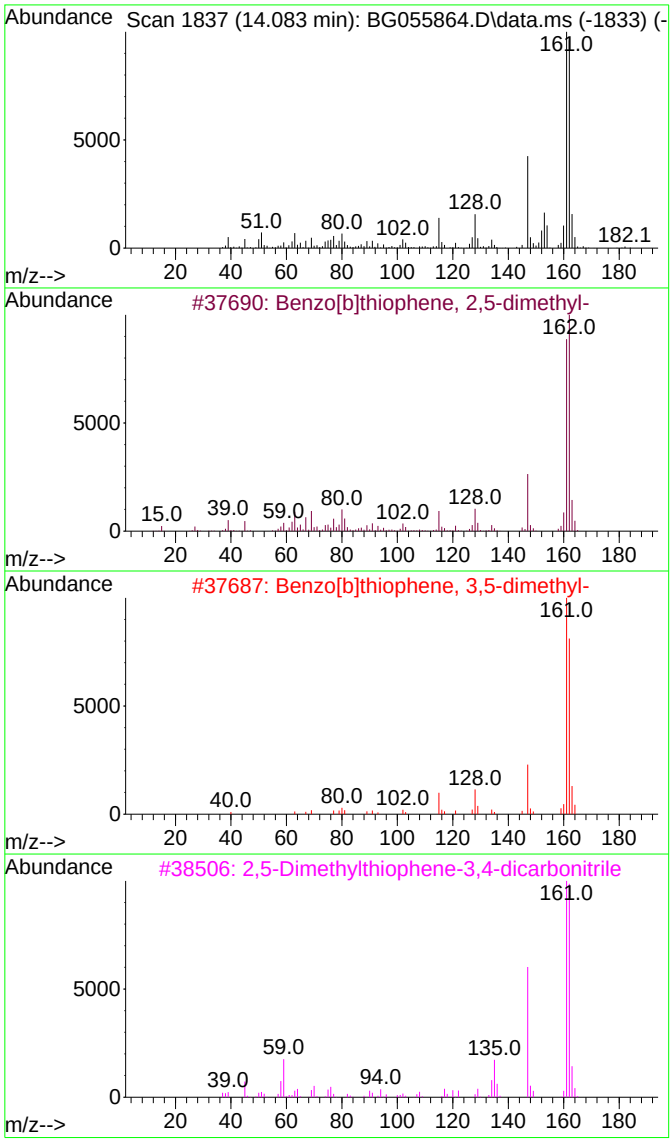
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

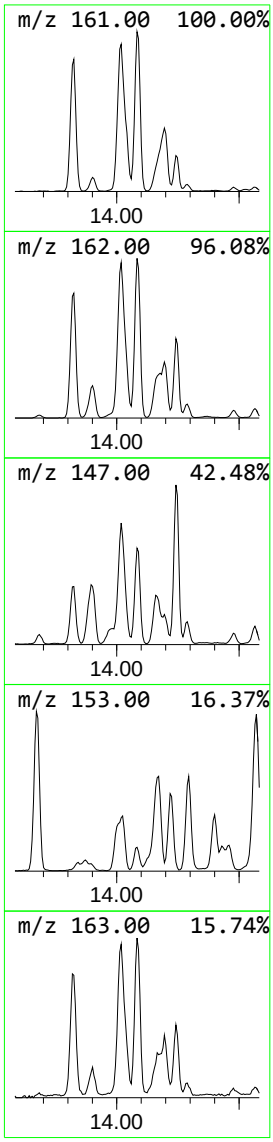
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzo[b]thiophene, 2,5-dime... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.083	16.37 ng	894524	Acenaphthene-d10	14.835

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 2,5-dimethyl-	162	C10H10S	016587-48-7	93
2	Benzo[b]thiophene, 3,5-dimethyl-	162	C10H10S	001964-45-0	81
3	2,5-Dimethylthiophene-3,4-dicarb...	162	C8H6N2S	1000305-40-9	74
4	Benzo[b]thiophene, 3,6-dimethyl-	162	C10H10S	016587-50-1	64
5	5,8-Dimethyl-1,2,3,4-tetrahydroq...	162	C10H14N2	066102-39-4	53





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Acq On : 1 Dec 2022 20:44
Operator : CG/JU
Sample : N5819-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
S2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.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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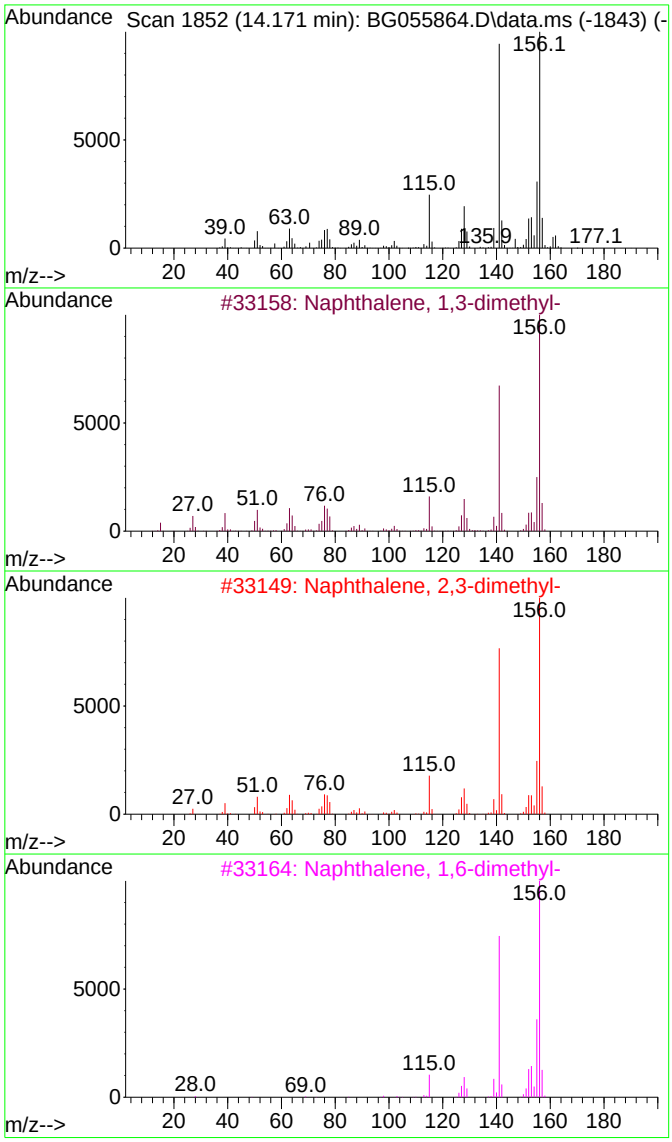
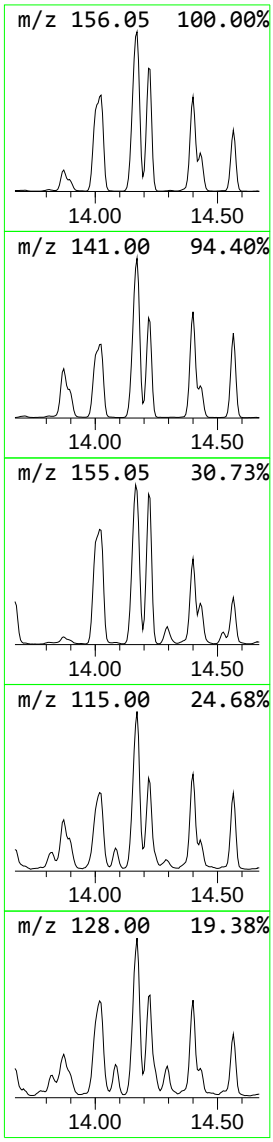
Peak Number 6 Naphthalene, 1,3-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.171	92.96 ng	5080050	Acenaphthene-d10	14.835

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	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, 1,2-dimethyl-	156	C12H12	000573-98-8	95





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Misc :
ALS Vial : 12 Sample Multiplier: 1

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BNA_G
ClientSampleId :
S2

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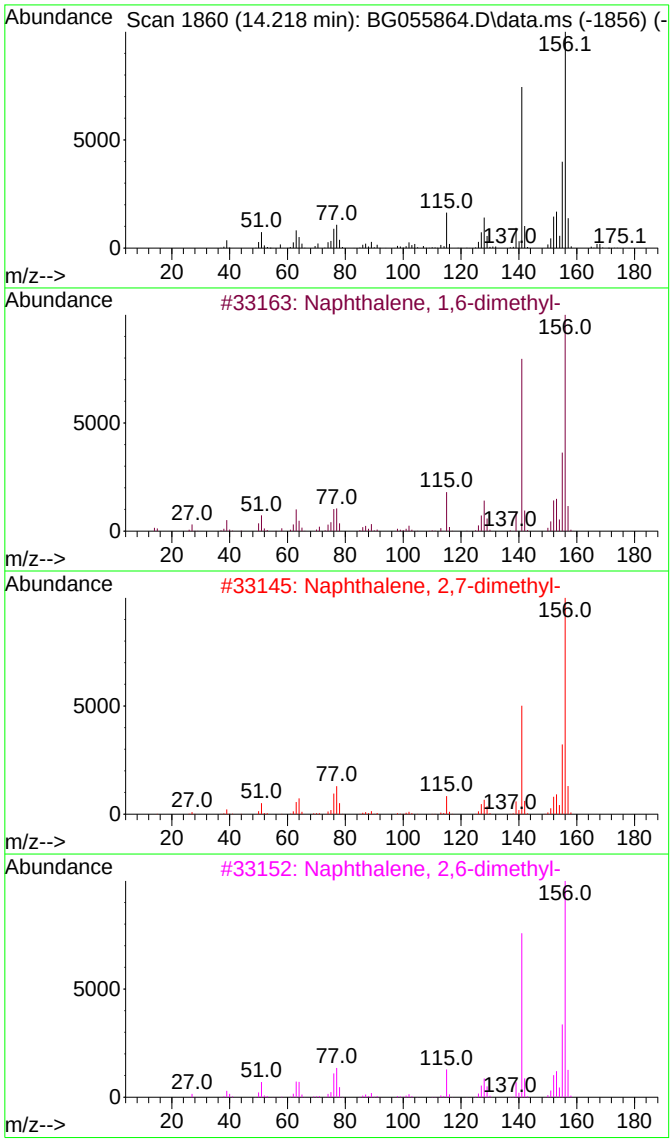
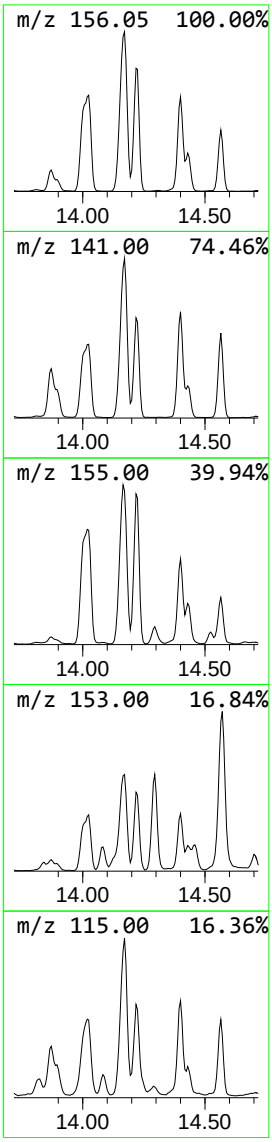
Peak Number 7 Naphthalene, 2,7-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.218	61.51 ng	3361220	Acenaphthene-d10	14.835

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97





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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
S2

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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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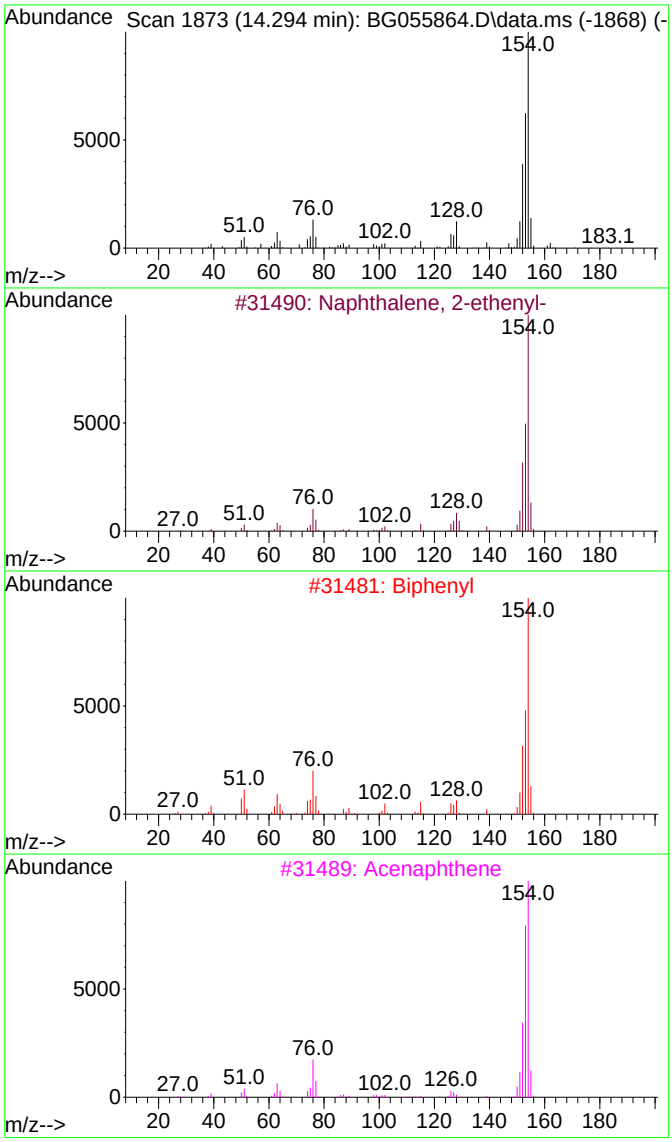
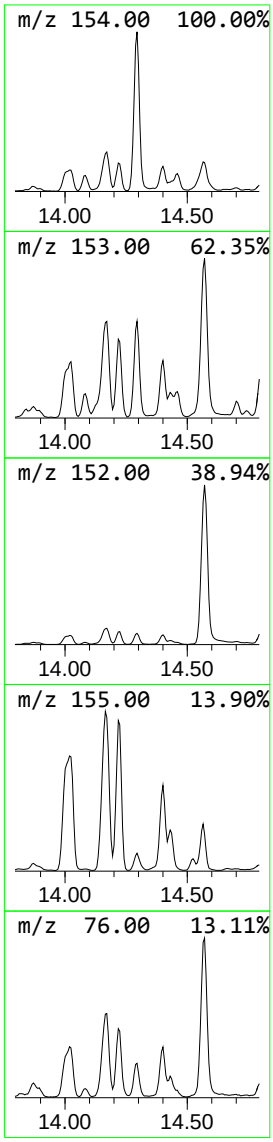
Peak Number 8 Naphthalene, 2-ethenyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.294	15.20 ng	830900	Acenaphthene-d10	14.835

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	96
2	Biphenyl	154	C12H10	000092-52-4	81
3	Acenaphthene	154	C12H10	000083-32-9	76
4	1,4-Ethenonaphthalene, 1,4-dihydro-	154	C12H10	007322-47-6	49
5	5-Chloro-2,3-dihydro-1-benzofuran	154	C8H7ClO	076429-69-1	38





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Operator : CG/JU
Sample : N5819-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.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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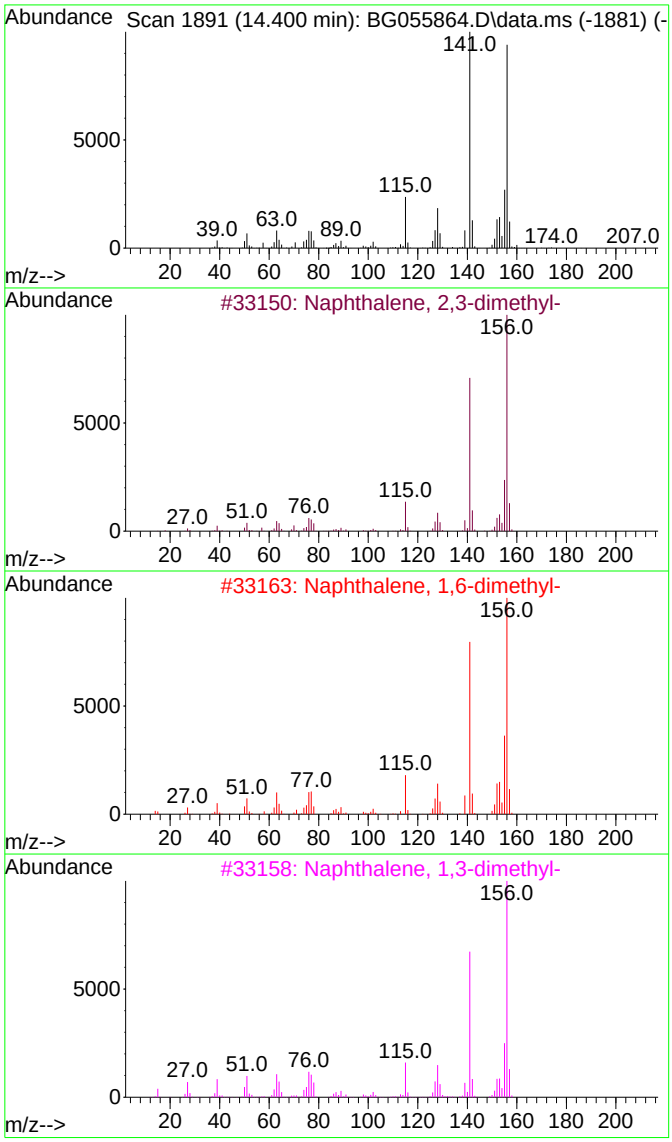
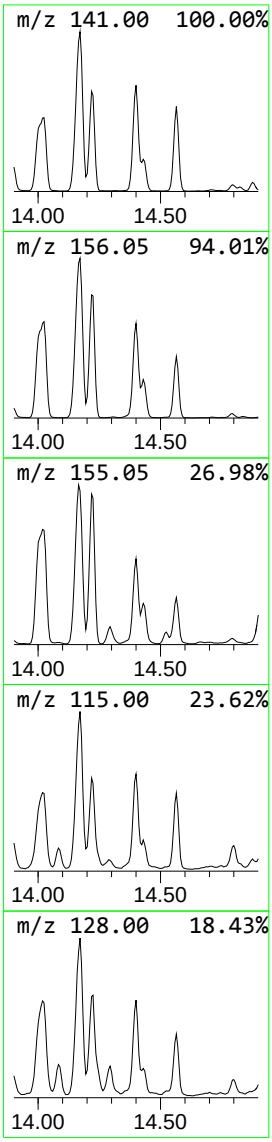
Peak Number 9 Naphthalene, 2,3-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.400	42.05 ng	2297940	Acenaphthene-d10	14.835

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96





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Misc :
ALS Vial : 12 Sample Multiplier: 1

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

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

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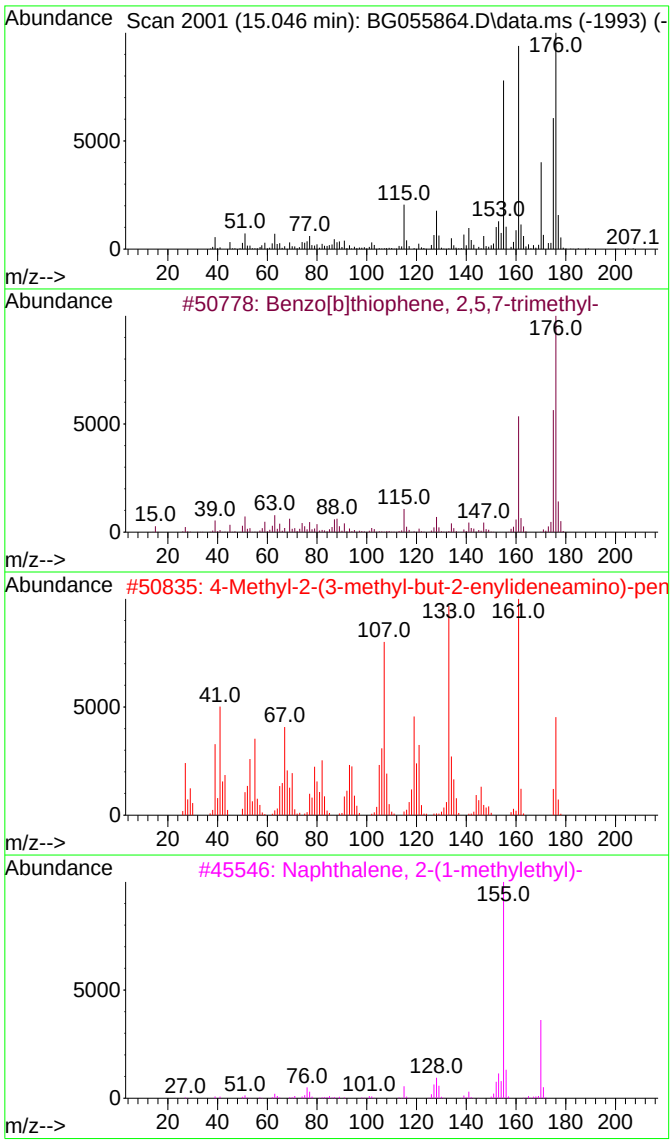
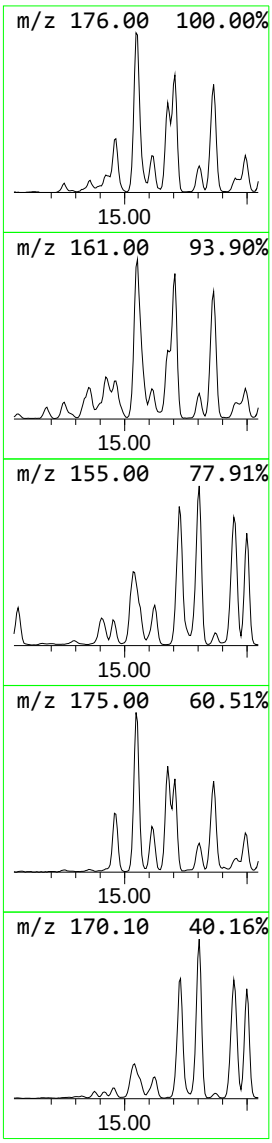
Peak Number 10 unknown15.046 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.046	29.44 ng	1608950	Acenaphthene-d10	14.835

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 2,5,7-trimethyl-	176	C11H12S	016587-65-8	49
2	4-Methyl-2-(3-methyl-but-2-enyli...	176	C11H16N2	1000185-91-3	43
3	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	42
4	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	42
5	2-Acetyl-7-hydroxybenzofuran	176	C10H8O3	040020-87-9	38





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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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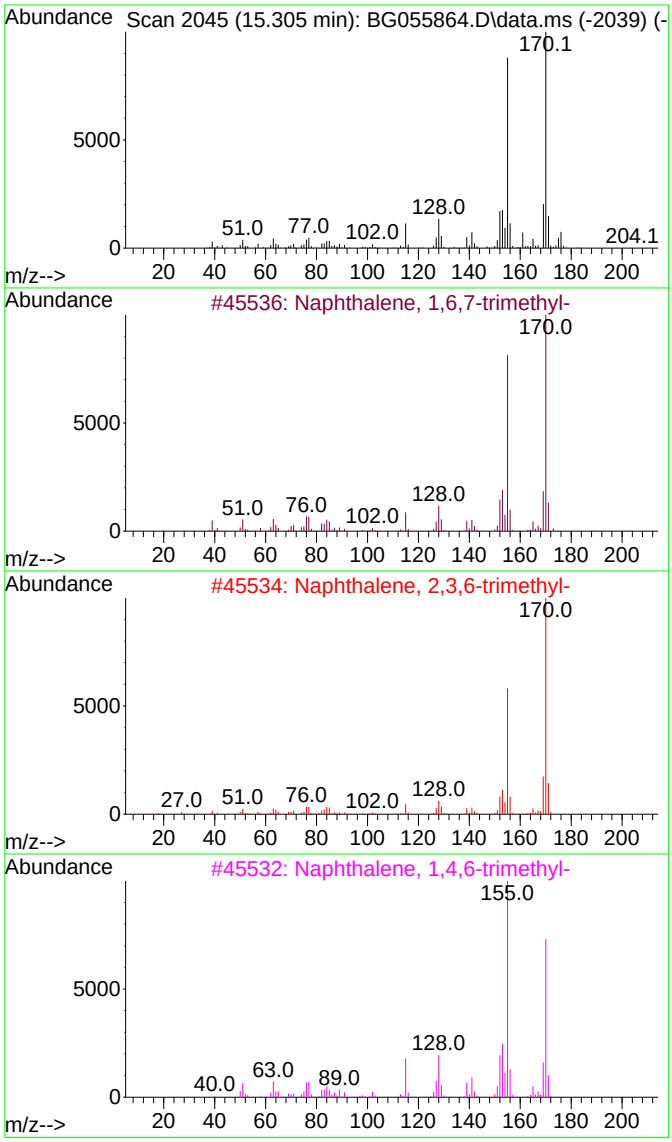
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

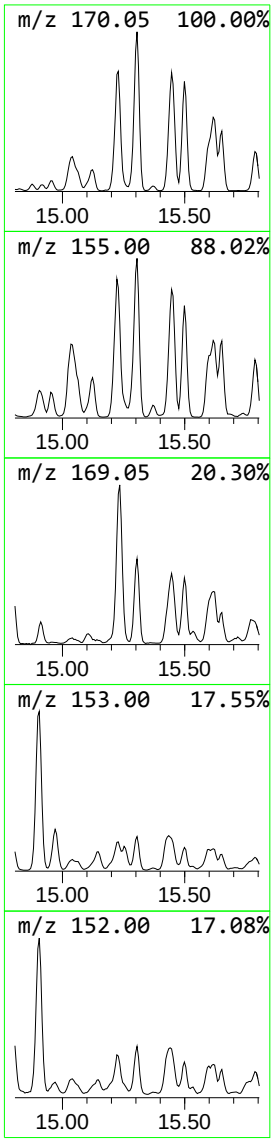
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Naphthalene, 1,6,7-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.305	27.31 ng	1492470	Acenaphthene-d10	14.835

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93
5	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	91





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Operator : CG/JU
Sample : N5819-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

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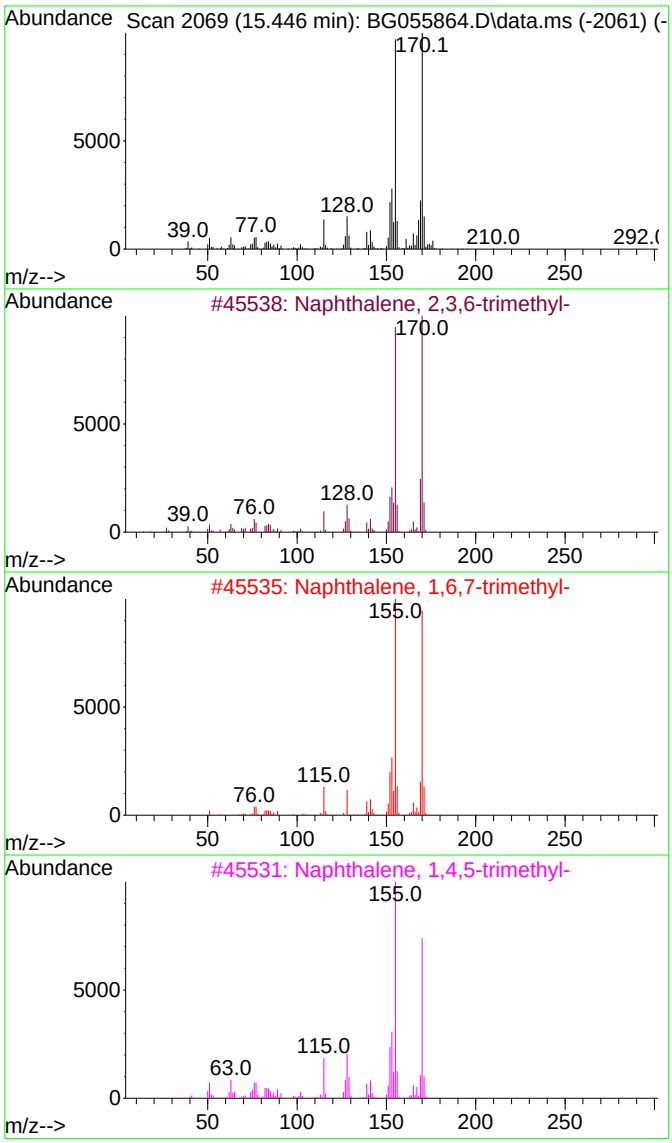
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

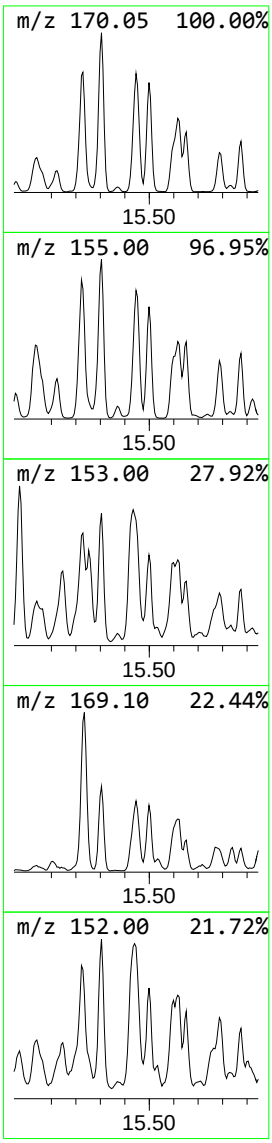
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Naphthalene, 2,3,6-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.446	34.82 ng	1902870	Acenaphthene-d10	14.835

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	98
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	98
3	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	96
4	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	91





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Sample : N5819-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.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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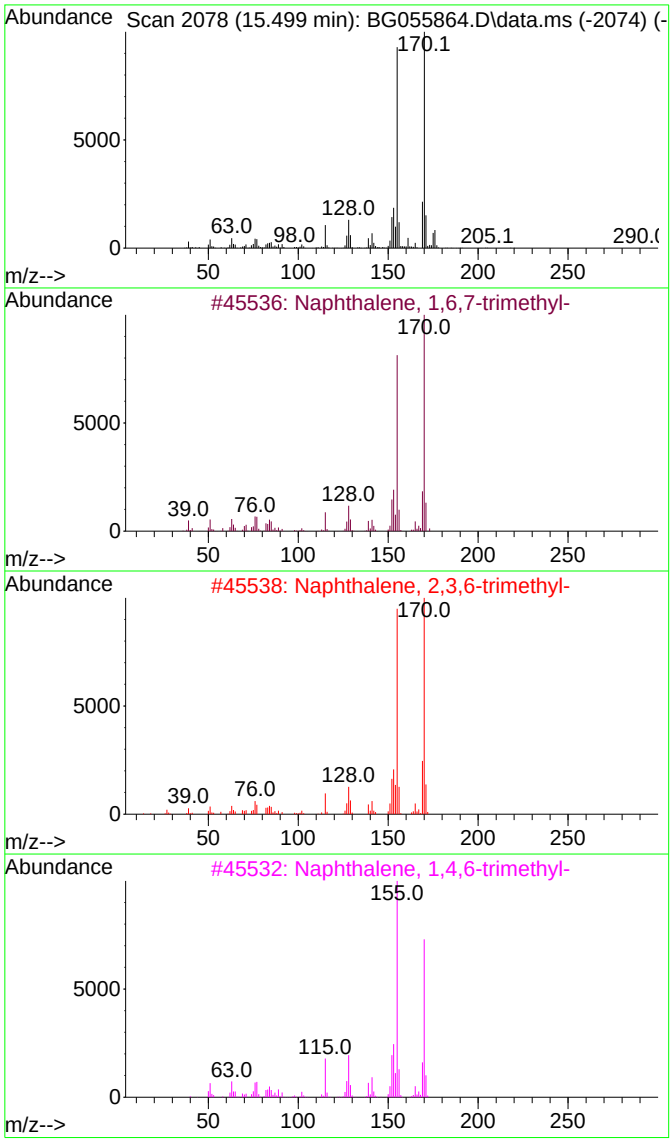
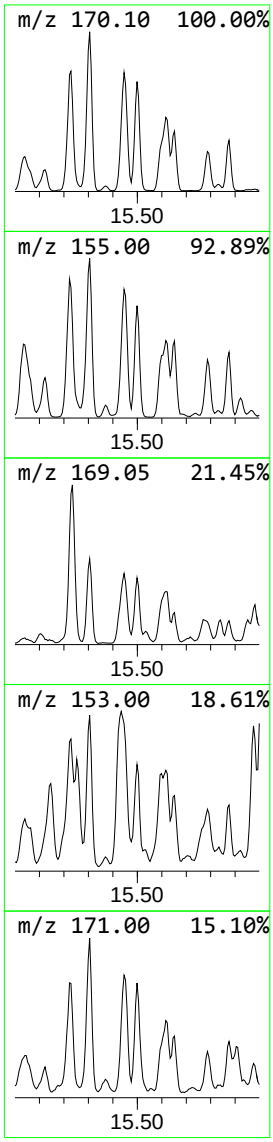
Peak Number 13 Naphthalene, 1,4,6-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.499	15.26 ng	833684	Acenaphthene-d10	14.835

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93
5	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	90





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ALS Vial : 12 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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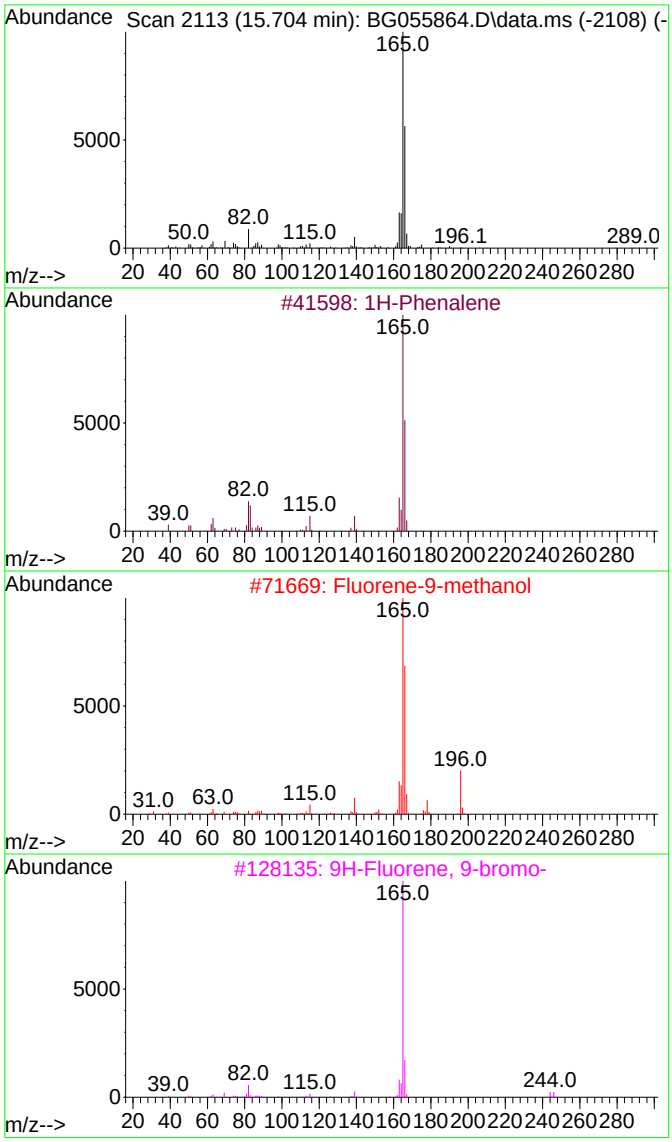
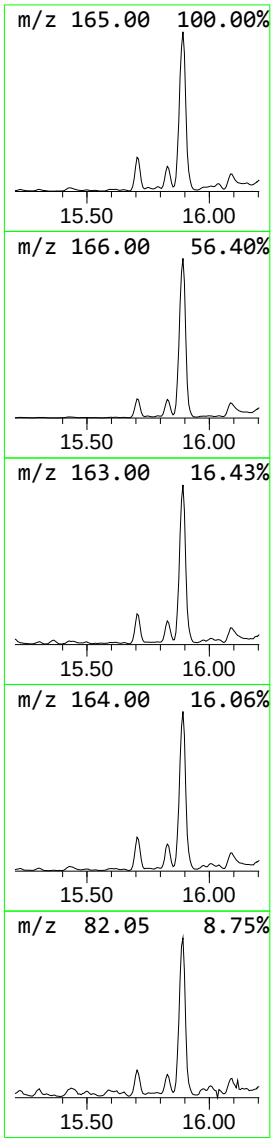
Peak Number 14 1H-Phenalene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.704	14.83 ng	810499	Acenaphthene-d10	14.835

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Phenalene	166	C13H10	000203-80-5	78
2	Fluorene-9-methanol	196	C14H12O	024324-17-2	64
3	9H-Fluorene, 9-bromo-	244	C13H9Br	001940-57-4	53
4	Fluorene	166	C13H10	000086-73-7	52
5	1,4-Oxathiino[3,2-b]pyridine, 6-...	165	C8H7NOS	056114-39-7	33





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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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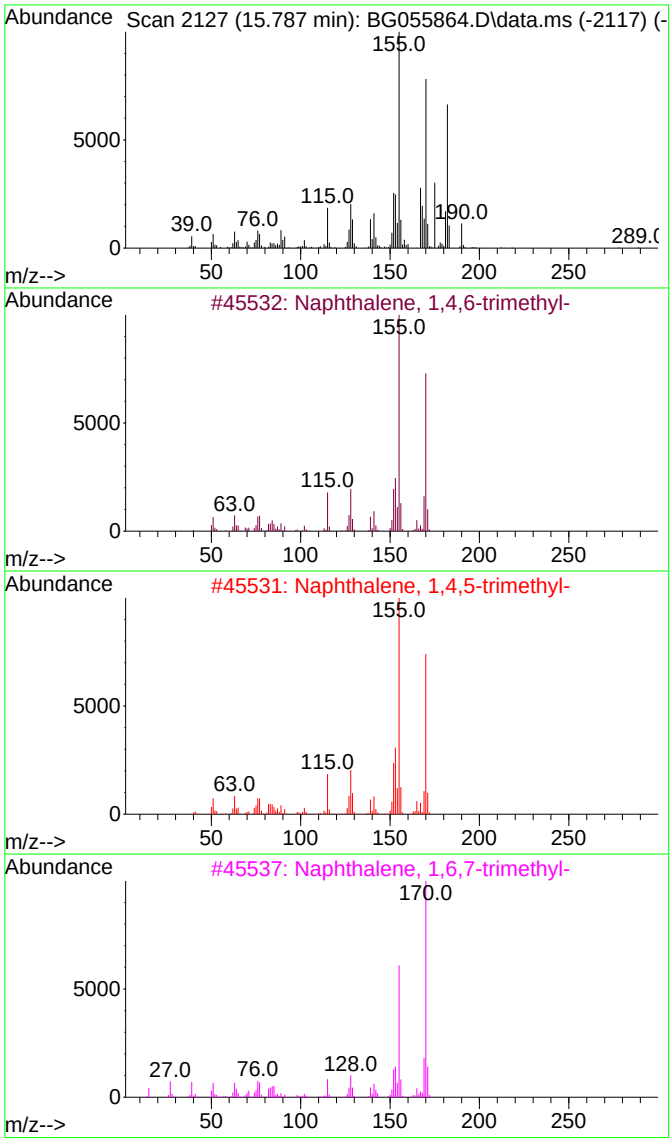
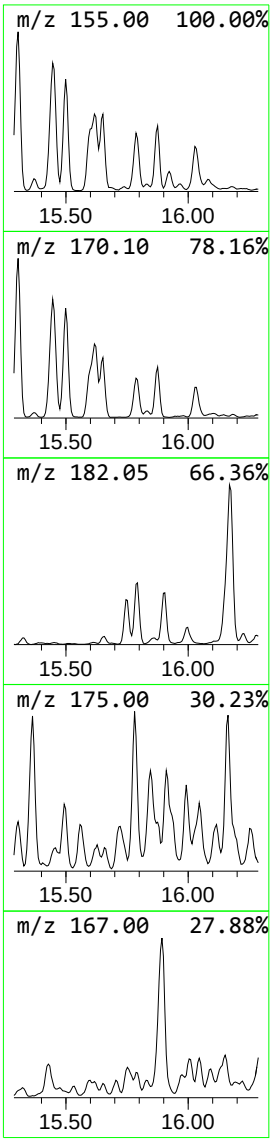
Peak Number 15 Naphthalene, 1,4,5-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.787	16.54 ng	903743	Acenaphthene-d10	14.835

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
2	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	96
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93
5	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	91





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

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

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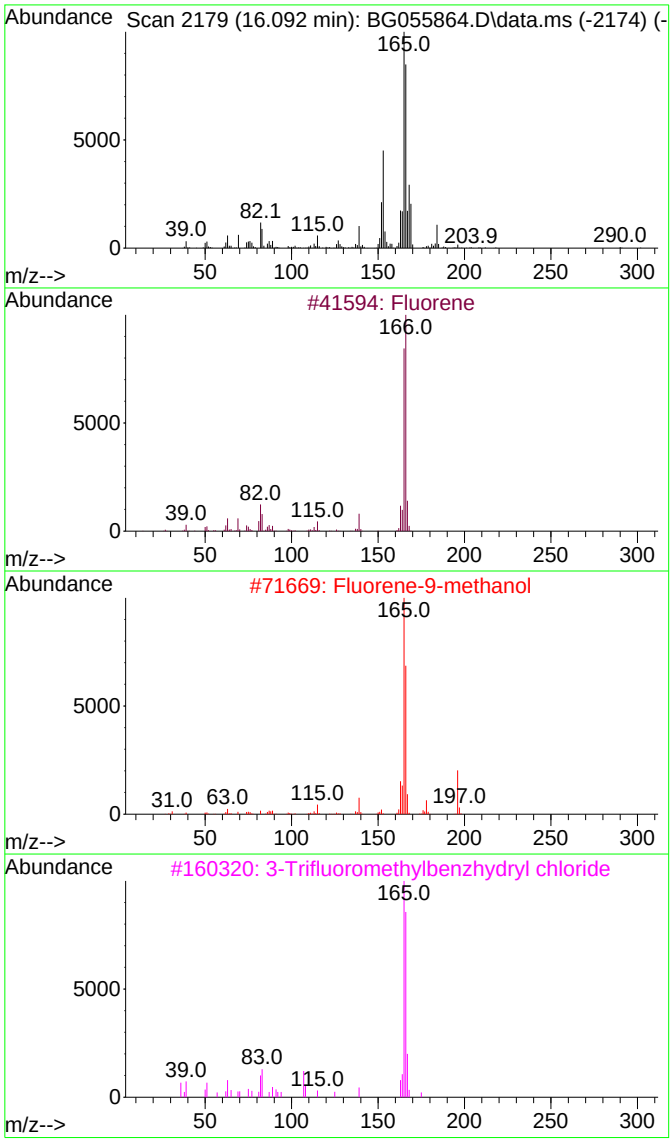
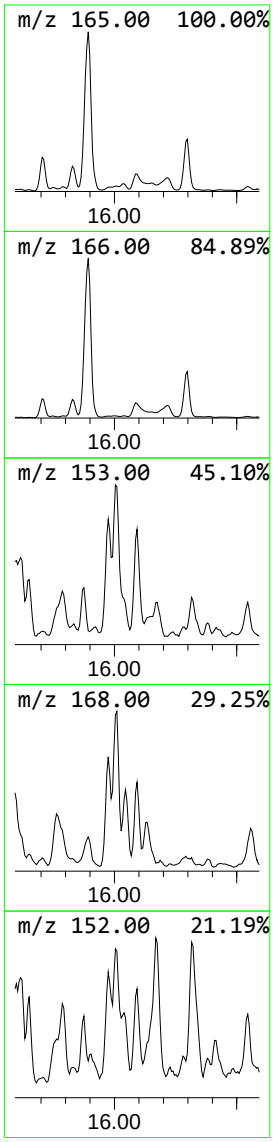
Peak Number 16 Fluorene-9-methanol Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.092	14.67 ng	801820	Acenaphthene-d10	14.835

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluorene	166	C13H10	000086-73-7	91
2	Fluorene-9-methanol	196	C14H12O	024324-17-2	60
3	3-Trifluoromethylbenzhydryl chlo...	270	C14H10ClF3	067240-79-3	47
4	Benzofuran, 5-chloro-2-methyl-	166	C9H7ClO	042180-82-5	38
5	Benzaldehyde, 4,6-dihydroxy-2,3-...	166	C9H10O3	002990-31-0	37





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120122\
Data File : BG055864.D
Acq On : 1 Dec 2022 20:44
Operator : CG/JU
Sample : N5819-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
S2

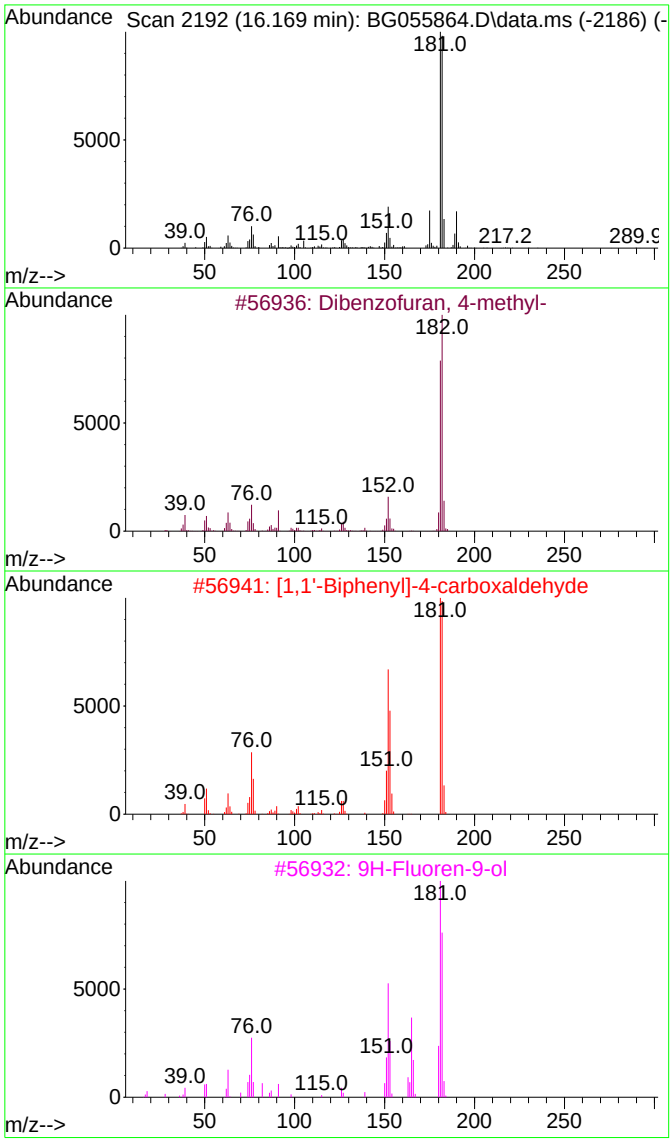
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

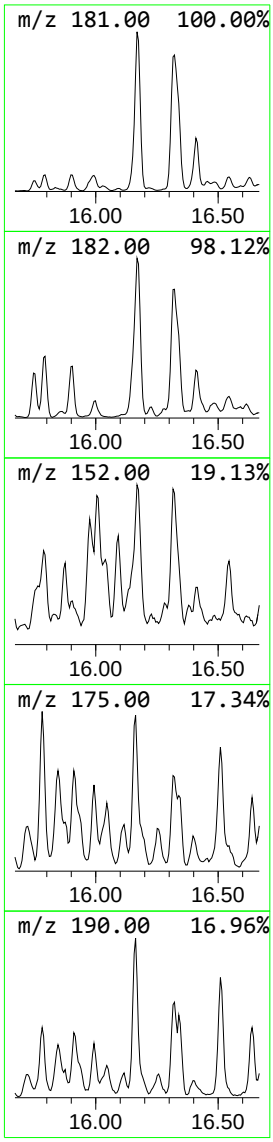
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Dibenzofuran, 4-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.169	19.27 ng	1053050	Acenaphthene-d10	14.835

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	87
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	72
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	64
4	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	64
5	3-(1-Naphthyl)acrylaldehyde	182	C13H10O	001504-73-0	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120122\
Data File : BG055864.D
Acq On : 1 Dec 2022 20:44
Operator : CG/JU
Sample : N5819-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
S2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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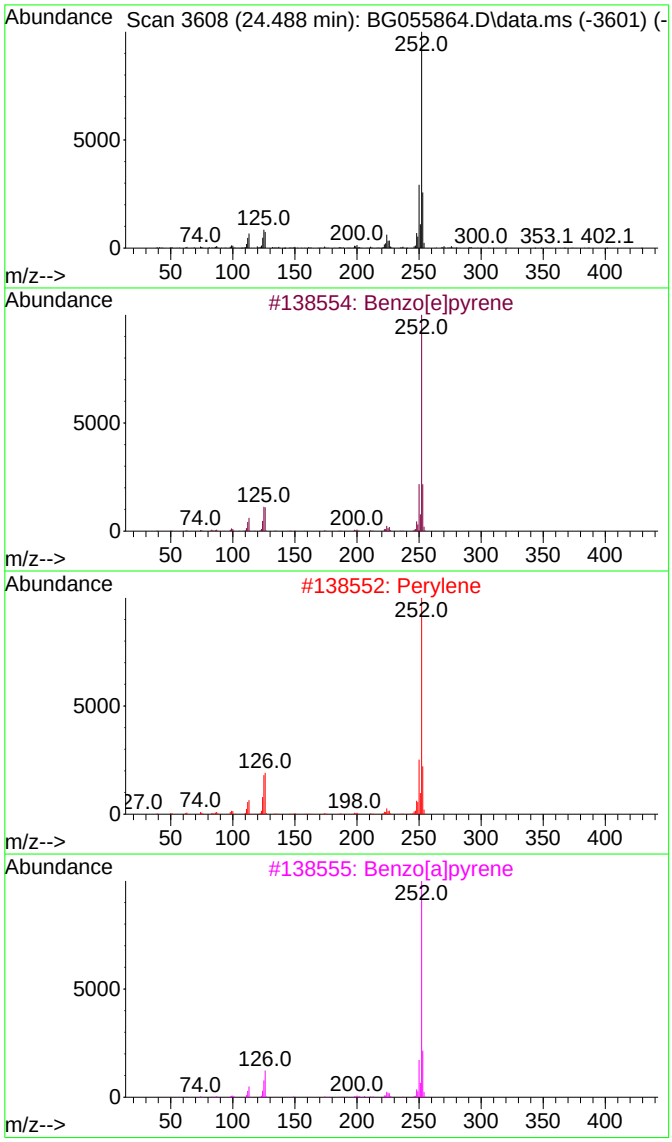
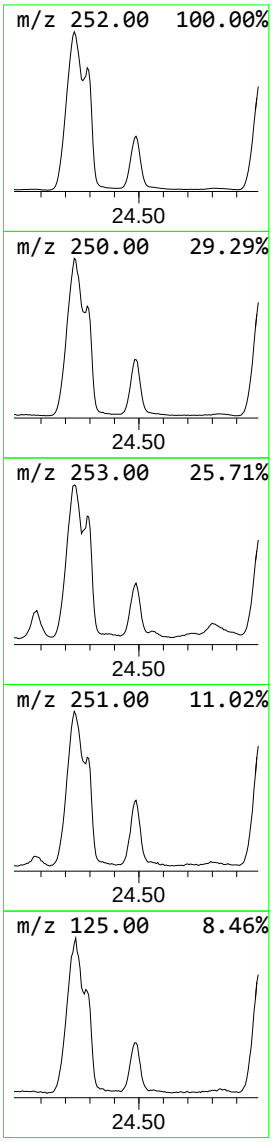
Peak Number 18 Benzo[e]pyrene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.488	15.71 ng	1735270	Perylene-d12	25.299

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	95
2	Perylene	252	C20H12	000198-55-0	93
3	Benzo[a]pyrene	252	C20H12	000050-32-8	93
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	91





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Data File : BG055864.D
Acq On : 1 Dec 2022 20:44
Operator : CG/JU
Sample : N5819-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
S2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.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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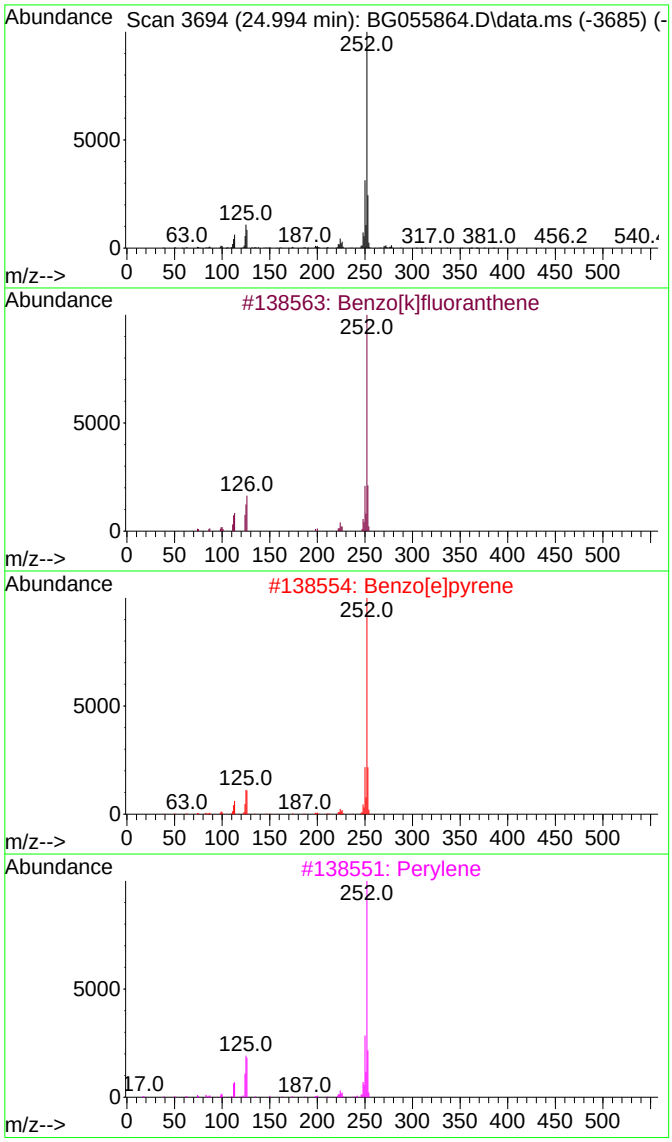
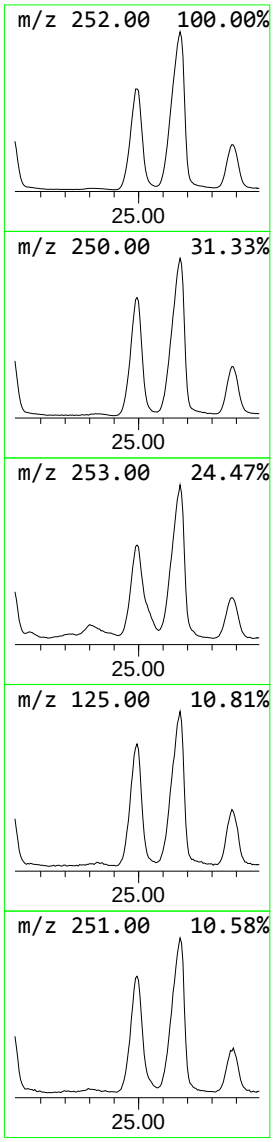
Peak Number 19 Perylene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.994	40.42 ng	4463630	Perylene-d12	25.299

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
2	Benzo[e]pyrene	252	C20H12	000192-97-2	96
3	Perylene	252	C20H12	000198-55-0	95
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
5	Benzo[a]pyrene	252	C20H12	000050-32-8	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120122\
Data File : BG055864.D
Acq On : 1 Dec 2022 20:44
Operator : CG/JU
Sample : N5819-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
S2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.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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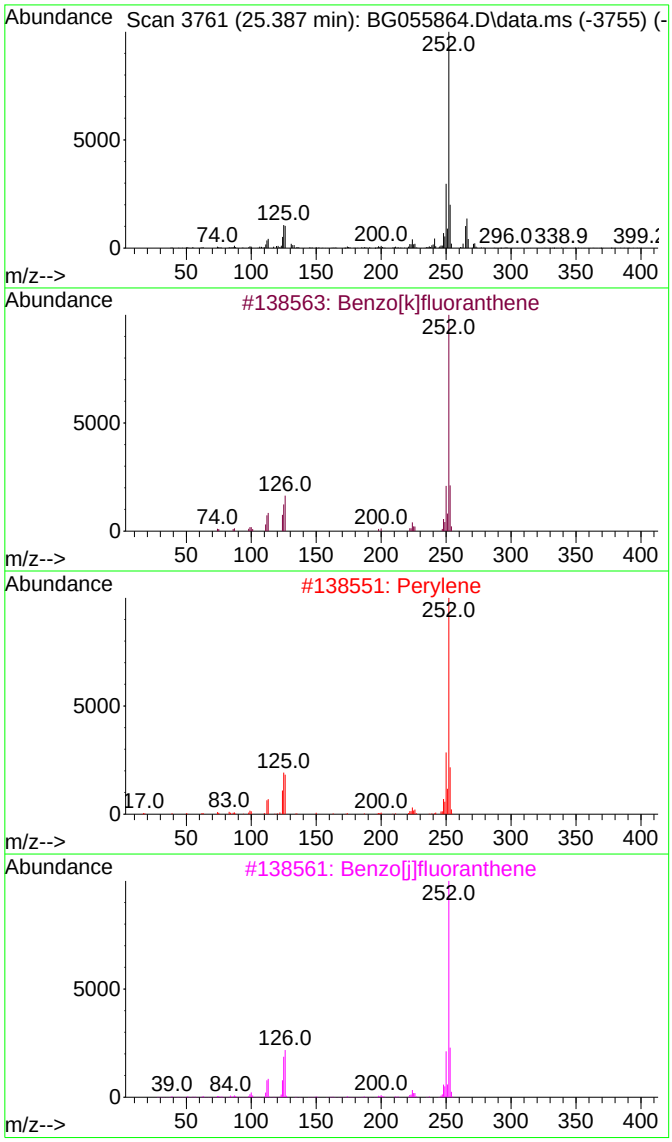
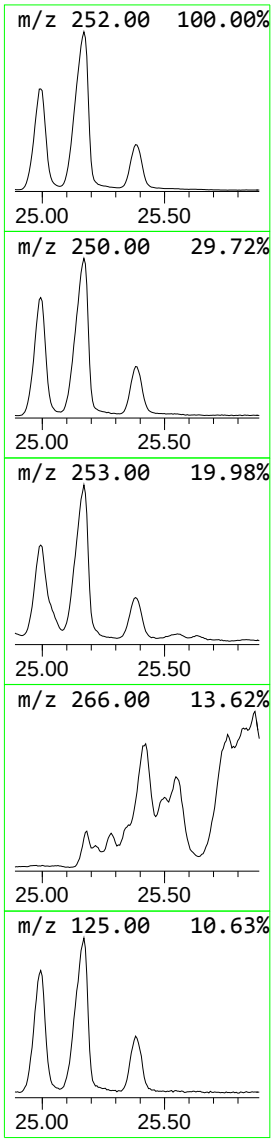
Peak Number 20 Benzo[j]fluoranthene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.387	20.00 ng	2208600	Perylene-d12	25.299

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
2	Perylene	252	C20H12	000198-55-0	95
3	Benzo[j]fluoranthene	252	C20H12	000205-82-3	94
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
5	Benzo[e]pyrene	252	C20H12	000192-97-2	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120122\
Data File : BG055864.D
Acq On : 1 Dec 2022 20:44
Operator : CG/JU
Sample : N5819-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
S2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.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
.alpha.-Pinene	6.874	48.4	ng	3379850	1	8.207	1395890	20.0
Indene	8.754	20.0	ng	1395890	1	8.207	1395890	20.0
Cyclohexanemeth...	13.025	27.8	ng	1521460	3	14.835	1092990	20.0
Naphthalene, 1,...	14.018	81.2	ng	4435300	3	14.835	1092990	20.0
Benzo[b]thiophe...	14.083	16.4	ng	894524	3	14.835	1092990	20.0
Naphthalene, 1,...	14.171	93.0	ng	5080050	3	14.835	1092990	20.0
Naphthalene, 2,...	14.218	61.5	ng	3361220	3	14.835	1092990	20.0
Naphthalene, 2-...	14.294	15.2	ng	830900	3	14.835	1092990	20.0
Naphthalene, 2,...	14.400	42.0	ng	2297940	3	14.835	1092990	20.0
unknown15.046	15.046	29.4	ng	1608950	3	14.835	1092990	20.0
Naphthalene, 1,...	15.305	27.3	ng	1492470	3	14.835	1092990	20.0
Naphthalene, 2,...	15.446	34.8	ng	1902870	3	14.835	1092990	20.0
Naphthalene, 1,...	15.499	15.3	ng	833684	3	14.835	1092990	20.0
1H-Phenalene	15.704	14.8	ng	810499	3	14.835	1092990	20.0
Naphthalene, 1,...	15.787	16.5	ng	903743	3	14.835	1092990	20.0
Fluorene-9-meth...	16.092	14.7	ng	801820	3	14.835	1092990	20.0
Dibenzofuran, 4...	16.169	19.3	ng	1053050	3	14.835	1092990	20.0
Benzo[e]pyrene	24.488	15.7	ng	1735270	6	25.299	2208600	20.0
Perylene	24.994	40.4	ng	4463630	6	25.299	2208600	20.0
Benzo[j]fluoran...	25.387	20.0	ng	2208600	6	25.299	2208600	20.0