LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101122\
Data File : BG055133.D
Acq On : 11 Oct 2022 19:23
Operator : CG/JU
Sample : N5067-20
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMP-B-6-VERT

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-BG100322.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG055133.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.363	8	13	20	rBV	258618	371455	3.44%	0.334%
2	5.379	348	356	362	rBV	126757	205672	1.90%	0.185%
3	5.796	422	427	431	rBV	130107	200457	1.85%	0.180%
4	5.849	431	436	444	rVB	571128	936759	8.67%	0.843%
5	5.931	444	450	463	rVB	171750	387342	3.58%	0.348%
6	6.307	507	514	522	rBV2	117332	200509	1.86%	0.180%
7	7.406	696	701	704	rBV	77839	122262	1.13%	0.110%
8	7.464	704	711	718	rVV	652894	1139998	10.55%	1.025%
9	7.970	793	797	807	rVB	211274	352045	3.26%	0.317%
10	8.334	848	859	869	rBV2	137633	279764	2.59%	0.252%
11	8.710	914	923	931	rBV	436175	766244	7.09%	0.689%
12	8.875	945	951	962	rVB	110152	210287	1.95%	0.189%
13	9.503	1052	1058	1063	rVV	366671	679251	6.28%	0.611%
14	10.561	1230	1238	1249	rBV5	78212	255468	2.36%	0.230%
15	10.655	1249	1254	1271	rVB2	52005	150589	1.39%	0.135%
16	11.166	1335	1341	1344	rVV	194017	378887	3.51%	0.341%
17	11.219	1344	1350	1358	rVB	1920949	3605776	33.36%	3.244%
18	12.793	1611	1618	1625	rVB	691555	1138611	10.53%	1.024%
19	13.011	1645	1655	1663	rVB	421036	730833	6.76%	0.657%
20	13.569	1743	1750	1762	rVB	1034653	1592311	14.73%	1.432%
21	13.775	1776	1785	1791	rBV	149921	253923	2.35%	0.228%
22	13.974	1814	1819	1829	rVB	70607	147340	1.36%	0.133%
23	14.121	1831	1844	1851	rBV3	116847	323963	3.00%	0.291%
24	14.262	1861	1868	1873	rVV	206480	384530	3.56%	0.346%
25	14.315	1873	1877	1884	rVB	126055	198540	1.84%	0.179%
26	14.497	1903	1908	1911	rBV	94772	149594	1.38%	0.135%
27	14.662	1925	1936	1946	rBV3	135103	323066	2.99%	0.291%
28	14.897	1969	1976	1979	rBV	94086	148074	1.37%	0.133%
29	14.938	1979	1983	1988	rVV	326165	505738	4.68%	0.455%
30	15.003	1988	1994	2000	rVV	623014	962893	8.91%	0.866%
31	15.332	2039	2050	2057	rVV	822347	1352361	12.51%	1.217%
32	15.978	2153	2160	2167	rBV	1434072	2218429	20.52%	1.996%
33	16.137	2183	2187	2192	rVB3	116654	176392	1.63%	0.159%
34	16.266	2204	2209	2217	rVB	208240	361958	3.35%	0.326%
35	16.413	2220	2234	2242	rBV	1008731	1694260	15.67%	1.524%
36	16.613	2263	2268	2278	rVB5	75906	180779	1.67%	0.163%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101122\
Data File : BG055133.D
Acq On : 11 Oct 2022 19:23
Operator : CG/JU
Sample : N5067-20
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMP-B-6-VERT

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-BG100322.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	16.971	2320	2329	2334	rBV2	203351	416513	3.85%	0.375%
38	17.024	2334	2338	2344	rVB	98482	145689	1.35%	0.131%
39	17.124	2350	2355	2360	rVB2	95531	156241	1.45%	0.141%
40	17.194	2360	2367	2371	rBV4	79008	178575	1.65%	0.161%
41	17.323	2385	2389	2395	rVB2	79580	130368	1.21%	0.117%
42	17.394	2397	2401	2412	rVV4	96581	273647	2.53%	0.246%
43	17.494	2412	2418	2424	rVV	544358	857936	7.94%	0.772%
44	17.676	2443	2449	2451	rBV	318254	502676	4.65%	0.452%
45	17.735	2451	2459	2464	rVV	5906747	10809092	100.00%	9.723%
46	17.811	2464	2472	2477	rVV	1697376	2698518	24.97%	2.427%
47	17.864	2477	2481	2491	rVV2	197025	388494	3.59%	0.349%
48	18.070	2509	2516	2525	rVV	913344	1568477	14.51%	1.411%
49	18.187	2532	2536	2543	rBV3	129534	207163	1.92%	0.186%
50	18.252	2543	2547	2551	rBV	96061	140334	1.30%	0.126%
51	18.540	2590	2596	2600	rBV	731398	1232207	11.40%	1.108%
52	18.593	2600	2605	2610	rVB	907119	1392853	12.89%	1.253%
53	18.669	2613	2618	2623	rVB	275772	425495	3.94%	0.383%
54	18.739	2623	2630	2634	rBV3	1097572	2202773	20.38%	1.982%
55	18.969	2665	2669	2674	rVV4	70320	124497	1.15%	0.112%
56	19.027	2674	2679	2683	rVV	539085	754556	6.98%	0.679%
57	19.068	2683	2686	2692	rVB2	138818	212397	1.96%	0.191%
58	19.268	2716	2720	2725	rVB	145930	194484	1.80%	0.175%
59	19.321	2725	2729	2732	rBV	145962	172649	1.60%	0.155%
60	19.356	2732	2735	2740	rVB	110221	152043	1.41%	0.137%
61	19.444	2744	2750	2754	rBV	337784	592611	5.48%	0.533%
62	19.509	2755	2761	2764	rBV5	130120	248199	2.30%	0.223%
63	19.586	2769	2774	2781	rBV5	141969	334582	3.10%	0.301%
64	19.721	2788	2797	2802	rBV	5464189	9610910	88.92%	8.646%
65	19.756	2802	2803	2807	rVV	141906	166117	1.54%	0.149%
66	19.797	2807	2810	2815	rVB	173691	241340	2.23%	0.217%
67	19.950	2832	2836	2844	rVB	317484	528643	4.89%	0.476%
68	20.079	2845	2858	2863	rVV2	4596329	9045491	83.68%	8.137%
69	20.126	2863	2866	2873	rVB2	294684	431924	4.00%	0.389%
70	20.249	2880	2887	2891	rBV2	1561387	2262463	20.93%	2.035%
71	20.302	2891	2896	2901	rVB	234501	378574	3.50%	0.341%
72	20.385	2902	2910	2915	rBV2	376706	991405	9.17%	0.892%
73	20.432	2915	2918	2922	rBV	140442	163926	1.52%	0.147%
74	20.549	2934	2938	2943	rVB	1049421	1499559	13.87%	1.349%
75	20.649	2950	2955	2959	rBV	948406	1324104	12.25%	1.191%
76	20.708	2962	2965	2969	rVB	410223	533451	4.94%	0.480%

LSC Area Percent Report

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Data File : BG055133.D
Acq On : 11 Oct 2022 19:23
Operator : CG/JU
Sample : N5067-20
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMP-B-6-VERT

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-BG100322.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	20.849	2985	2989	2993	rBV	280859	408149	3.78%	0.367%
78	20.896	2993	2997	3007	rVB	307057	560767	5.19%	0.504%
79	21.148	3037	3040	3043	rBV3	97206	128371	1.19%	0.115%
80	21.284	3059	3063	3067	rBV2	104417	185472	1.72%	0.167%
81	21.331	3067	3071	3078	rVB	246686	452963	4.19%	0.407%
82	21.524	3099	3104	3108	rBV	459162	738435	6.83%	0.664%
83	21.571	3108	3112	3116	rVV	455806	698128	6.46%	0.628%
84	21.624	3116	3121	3126	rVV2	439359	738350	6.83%	0.664%
85	21.677	3126	3130	3140	rVB2	227149	485135	4.49%	0.436%
86	21.818	3151	3154	3164	rVB	157897	291401	2.70%	0.262%
87	21.959	3167	3178	3184	rVV2	2676577	6154954	56.94%	5.537%
88	22.030	3185	3190	3201	rVB	2201505	4218605	39.03%	3.795%
89	22.188	3212	3217	3222	rBV	276329	490698	4.54%	0.441%
90	22.400	3247	3253	3260	rBV	339696	683769	6.33%	0.615%
91	22.747	3308	3312	3318	rVB	311959	541006	5.01%	0.487%
92	23.040	3358	3362	3366	rBV	135326	240566	2.23%	0.216%
93	23.187	3383	3387	3401	rVB3	145449	336882	3.12%	0.303%
94	24.345	3572	3584	3591	rBV	1384891	5275054	48.80%	4.745%
95	24.603	3622	3628	3638	rVB2	283976	710935	6.58%	0.640%
96	25.120	3706	3716	3730	rVB2	825375	2793165	25.84%	2.513%
97	25.285	3733	3744	3755	rVB	1244945	3790313	35.07%	3.410%
98	25.432	3763	3769	3776	rBV3	154866	463735	4.29%	0.417%
99	25.520	3777	3784	3799	rVB2	393549	1279858	11.84%	1.151%
100	29.427	4434	4449	4473	rVB2	460637	2721094	25.17%	2.448%

Sum of corrected areas: 111165141

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101122\
Data File : BG055133.D
Acq On : 11 Oct 2022 19:23
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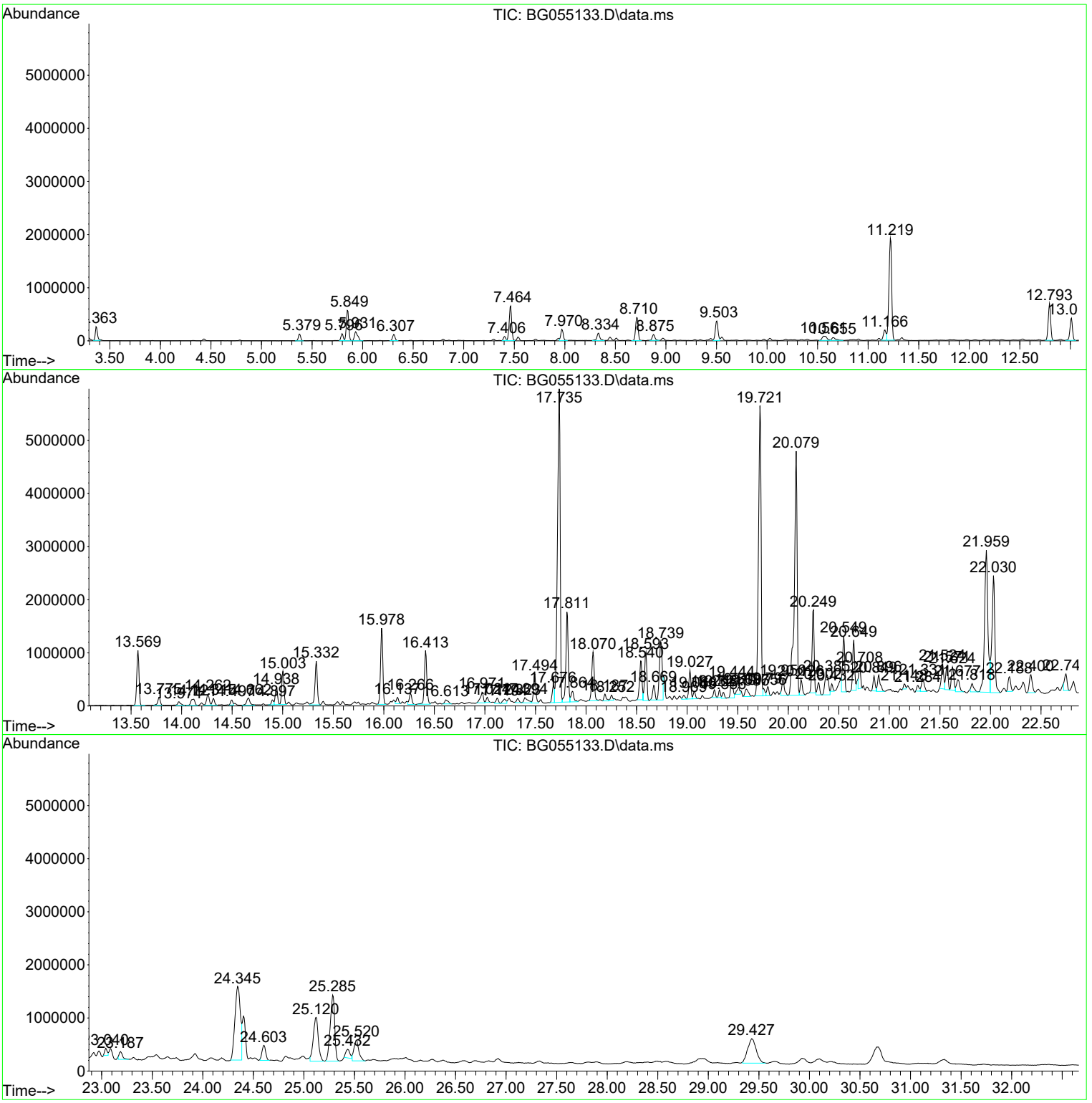
Sample : N5067-20
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMP-B-6-VERT

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100322.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\BG101122\
Data File : BG055133.D
Acq On : 11 Oct 2022 19:23
Operator : CG/JU
Sample : N5067-20
Misc :
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Instrument :
BNA_G
ClientSampleId :
COMP-B-6-VERT

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

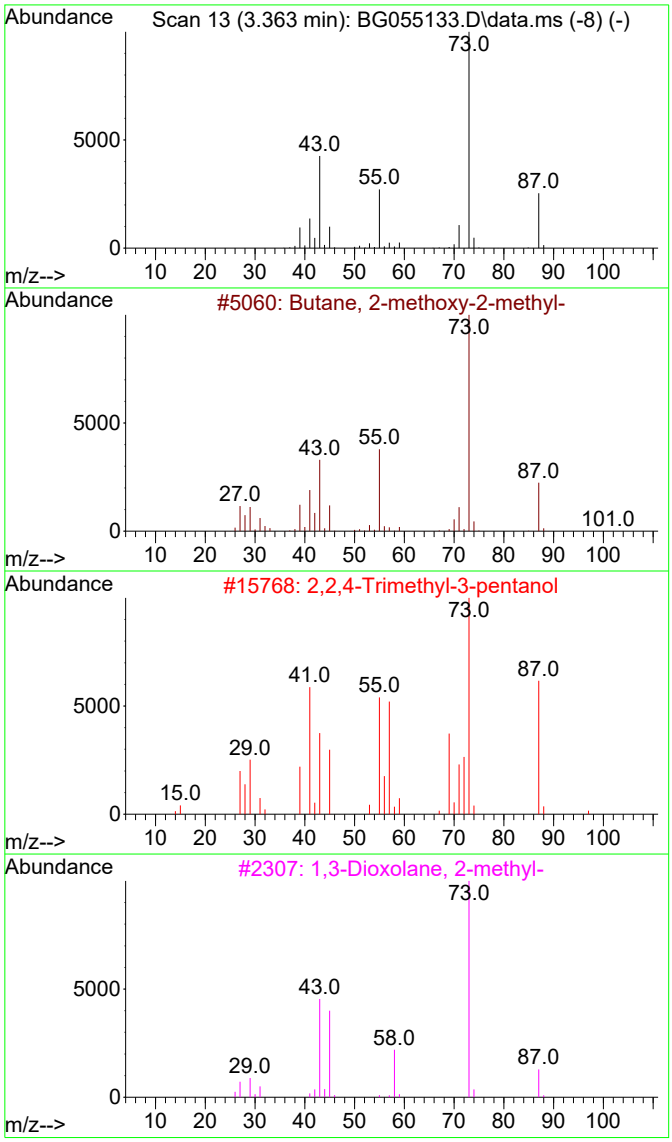
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

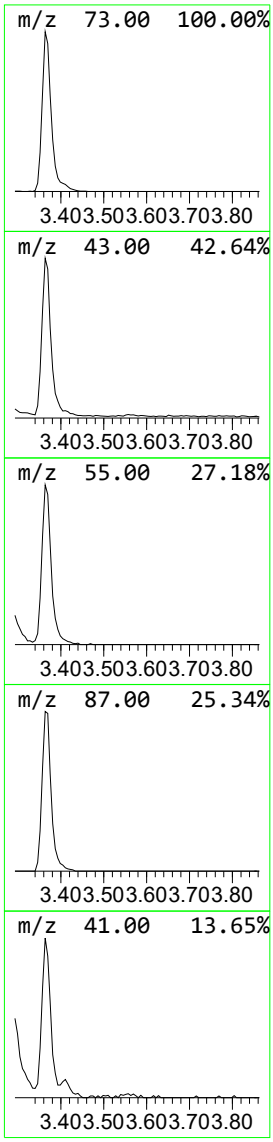
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.363	26.55 ng	371455	1,4-Dichlorobenzene-d4	8.334

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4	1,3-Dioxolane, 2-propyl-	116	C6H12O2	003390-13-4	23
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101122\
Data File : BG055133.D
Acq On : 11 Oct 2022 19:23
Operator : CG/JU
Sample : N5067-20
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMP-B-6-VERT

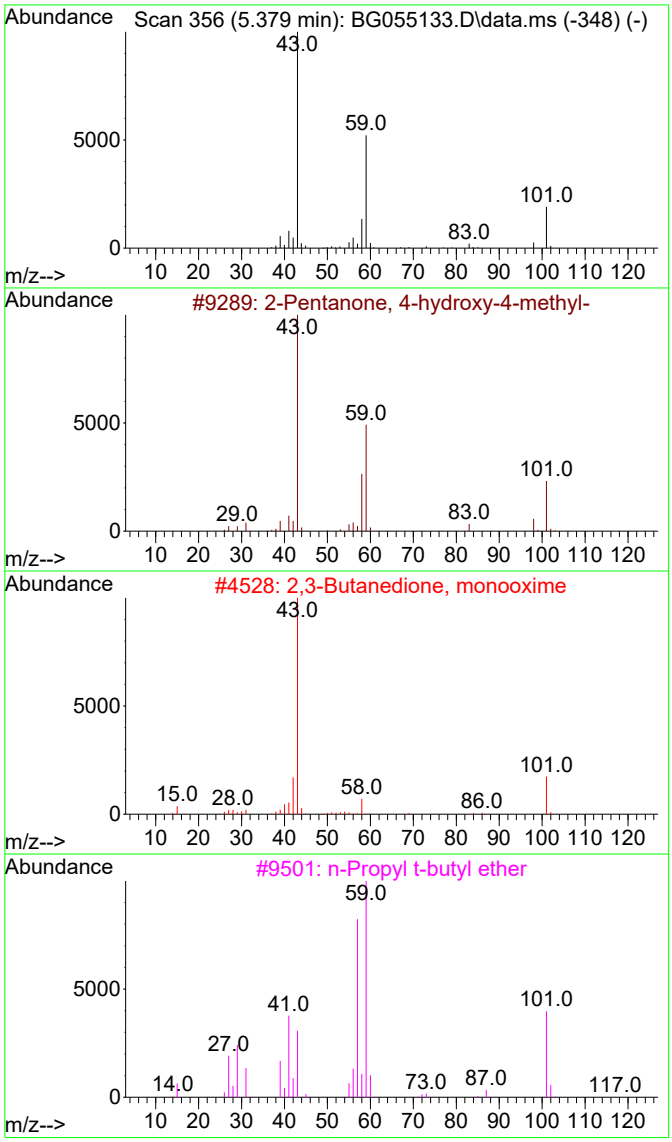
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

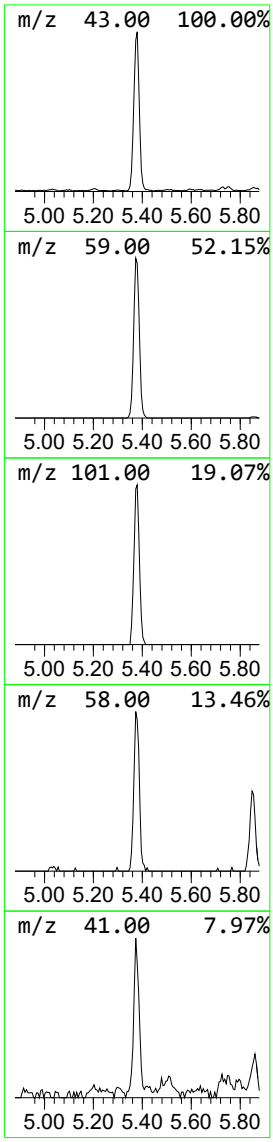
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.379	14.70 ng	205672	1,4-Dichlorobenzene-d4	8.334

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	35
3	n-Propyl t-butyl ether	116	C7H16O	1000334-81-9	33
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101122\
Data File : BG055133.D
Acq On : 11 Oct 2022 19:23
Operator : CG/JU
Sample : N5067-20
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMP-B-6-VERT

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

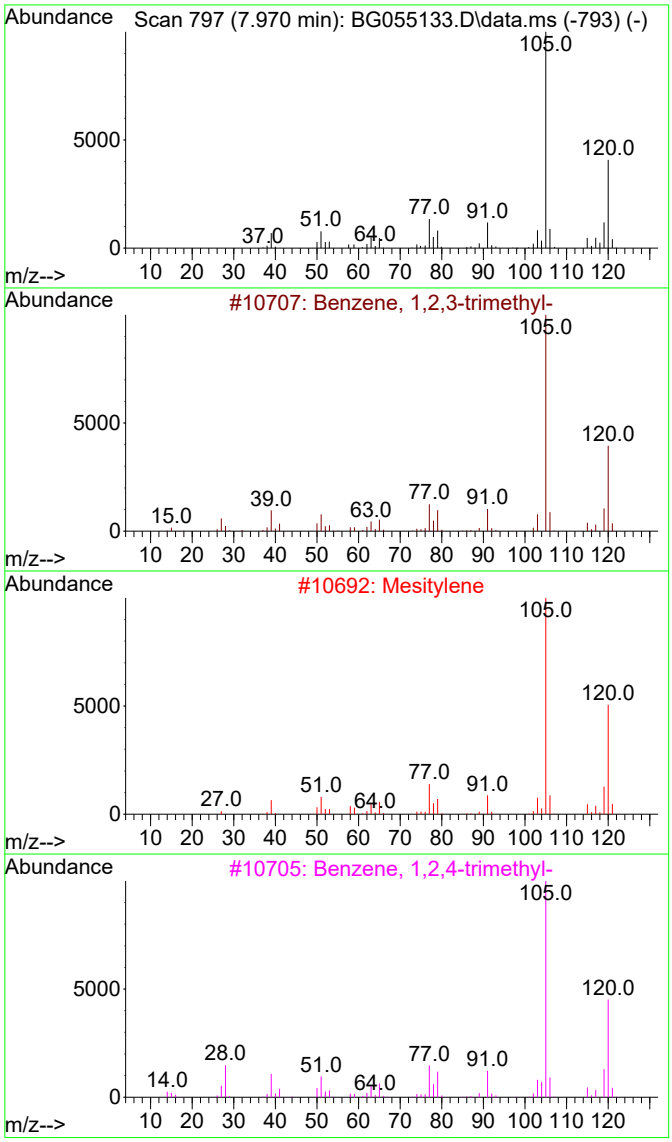
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

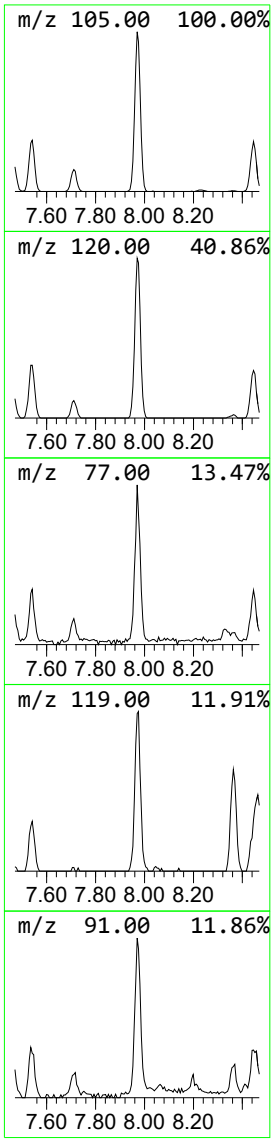
****

Peak Number 5 Benzene, 1,2,3-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.970	25.17 ng	352045	1,4-Dichlorobenzene-d4	8.334

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Mesitylene	120	C9H12	000108-67-8	95
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101122\
Data File : BG055133.D
Acq On : 11 Oct 2022 19:23
Operator : CG/JU
Sample : N5067-20
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMP-B-6-VERT

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

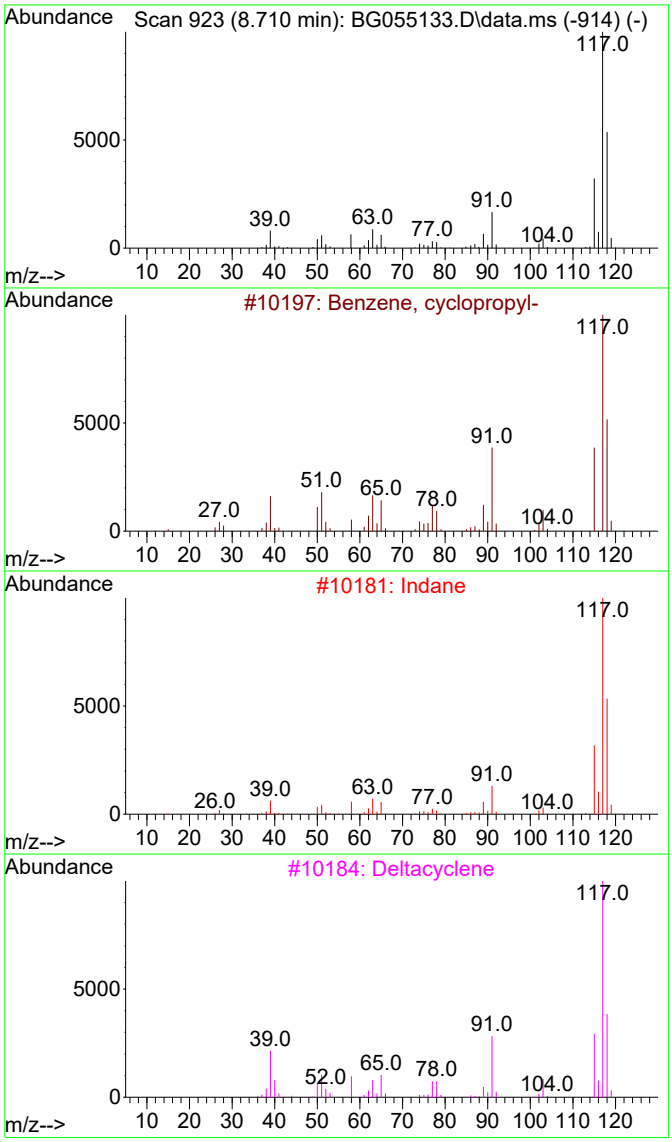
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

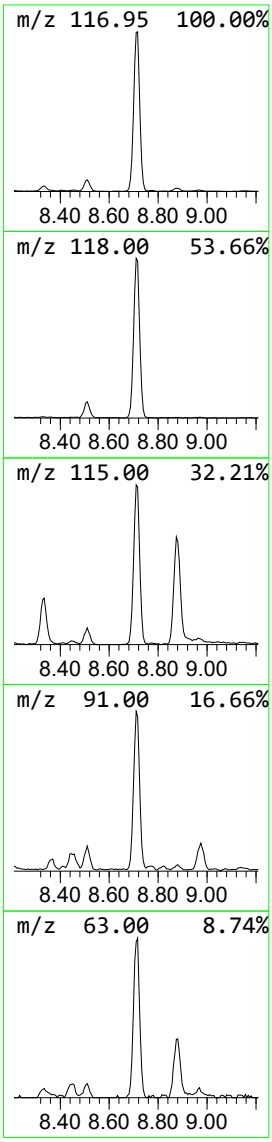
****

Peak Number 6 Benzene, cyclopropyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.710	54.78 ng	766244	1,4-Dichlorobenzene-d4	8.334

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, cyclopropyl-	118	C9H10	000873-49-4	94
2	Indane	118	C9H10	000496-11-7	93
3	Deltacyclene	118	C9H10	007785-10-6	74
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	74
5	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101122\
Data File : BG055133.D
Acq On : 11 Oct 2022 19:23
Operator : CG/JU
Sample : N5067-20
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMP-B-6-VERT

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

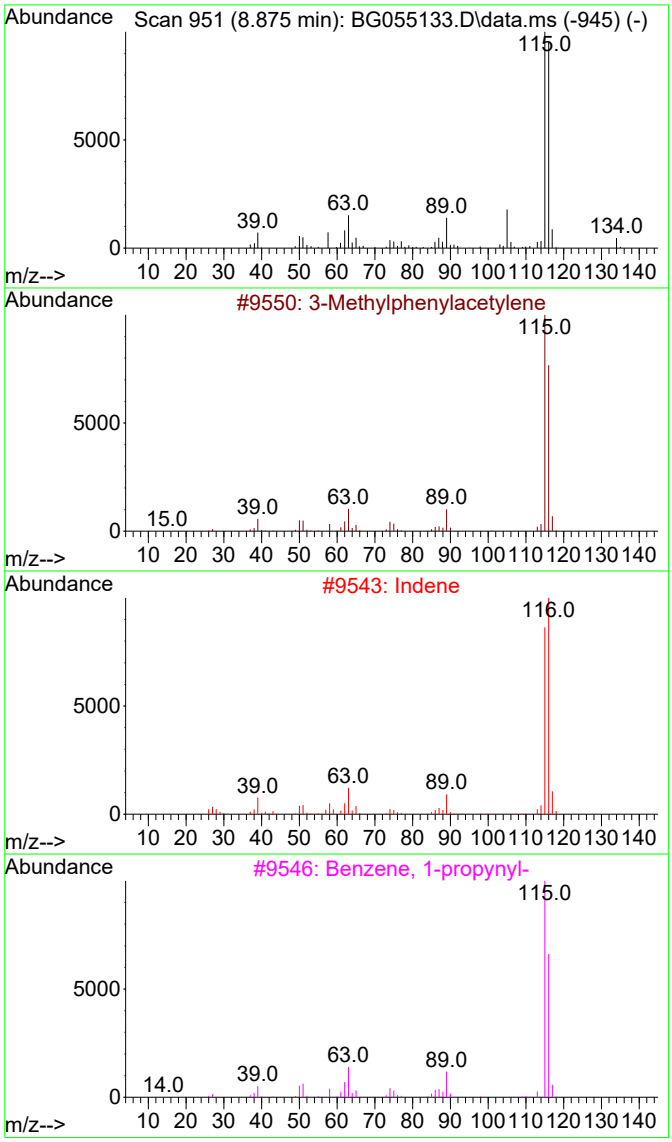
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

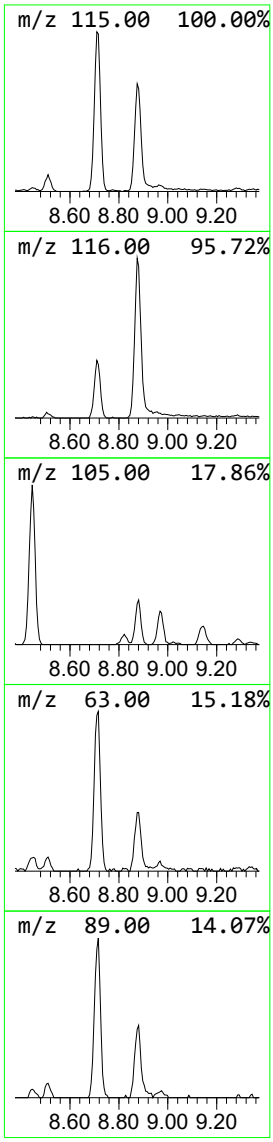
****

Peak Number 7 3-Methylphenylacetylene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.875	15.03 ng	210287	1,4-Dichlorobenzene-d4	8.334

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methylphenylacetylene	116	C9H8	000766-82-5	94
2	Indene	116	C9H8	000095-13-6	93
3	Benzene, 1-propynyl-	116	C9H8	000673-32-5	90
4	2-Methylphenylacetylene	116	C9H8	000766-47-2	90
5	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	86





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Sample : N5067-20
Misc :
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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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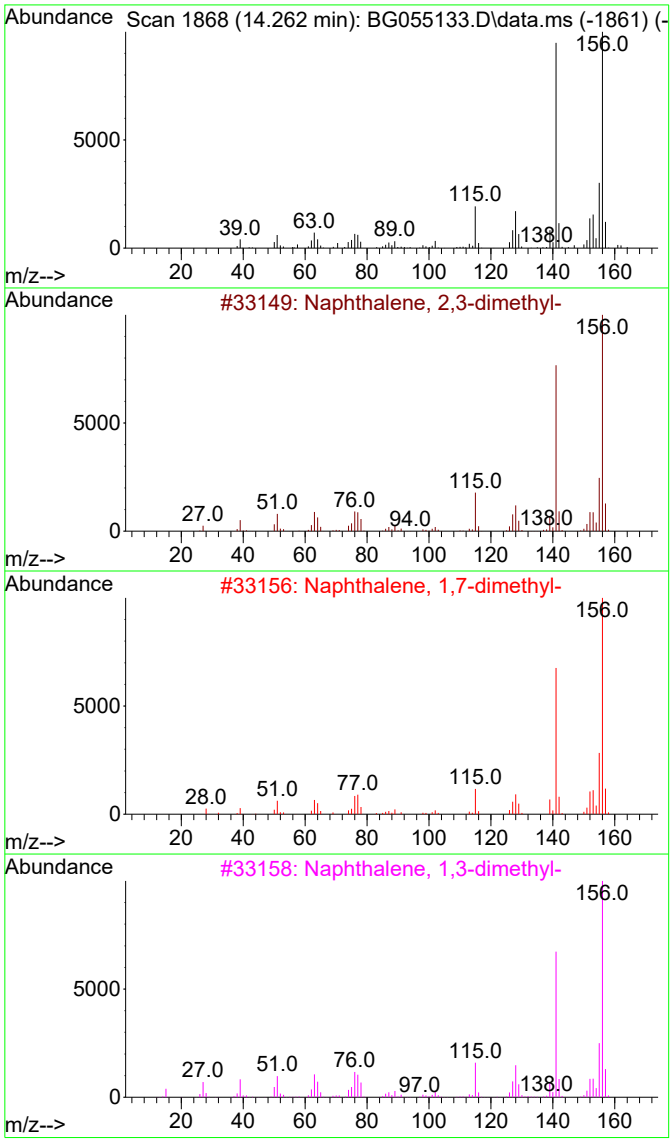
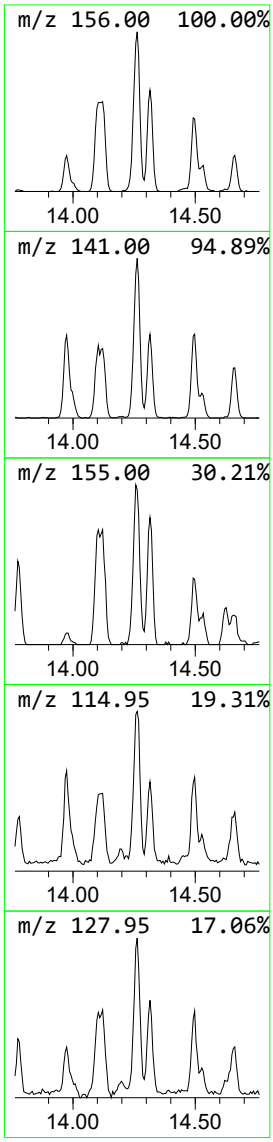
Peak Number 8 Naphthalene, 2,3-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.262	15.21 ng	384530	Acenaphthene-d10	14.938

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95





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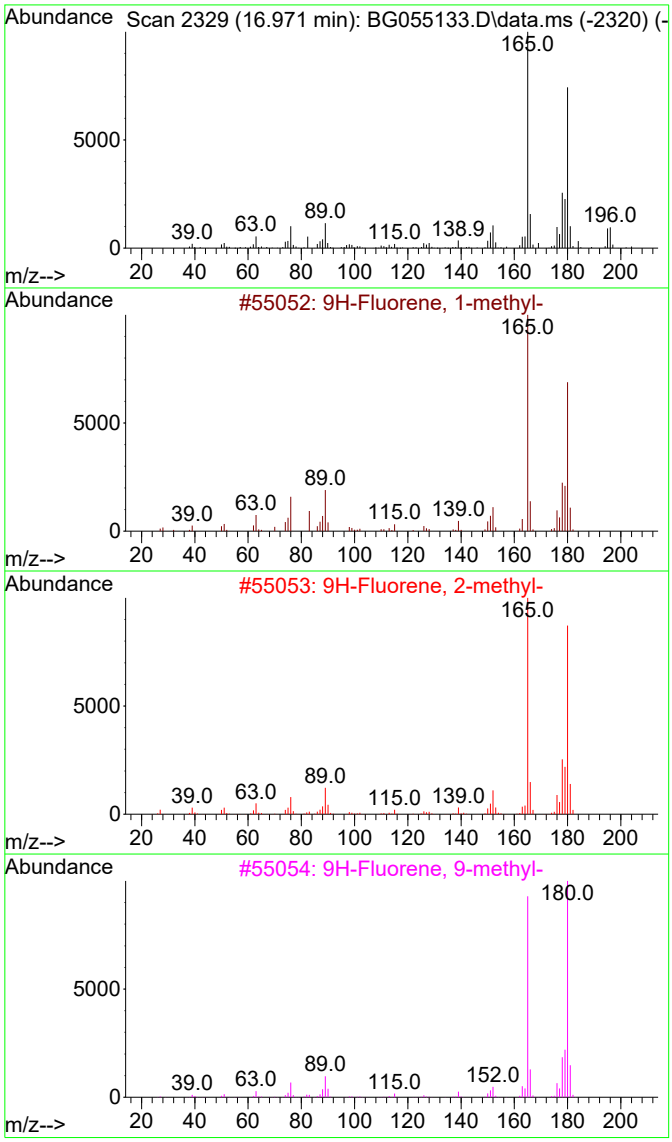
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

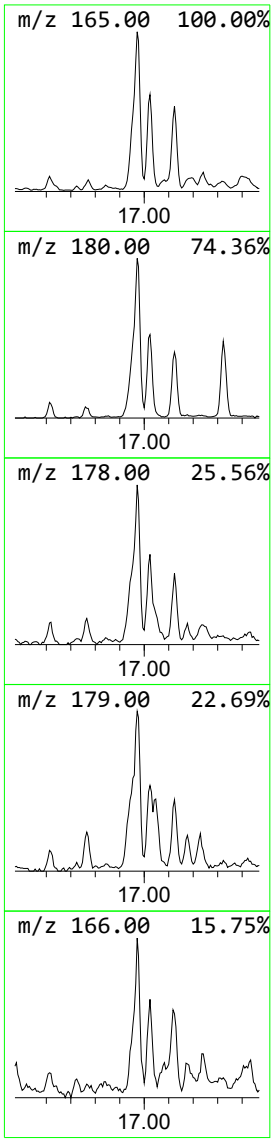
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 9H-Fluorene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.971	16.57 ng	416513	Phenanthrene-d10	17.676

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	93
3	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	89
4	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	86
5	4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	86





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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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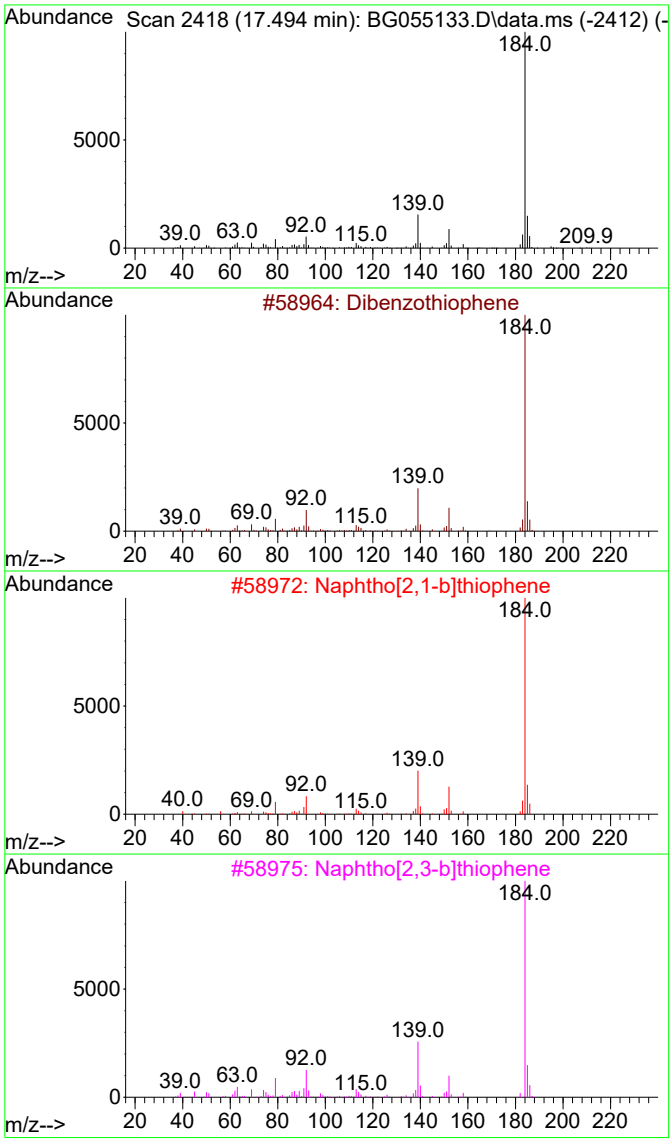
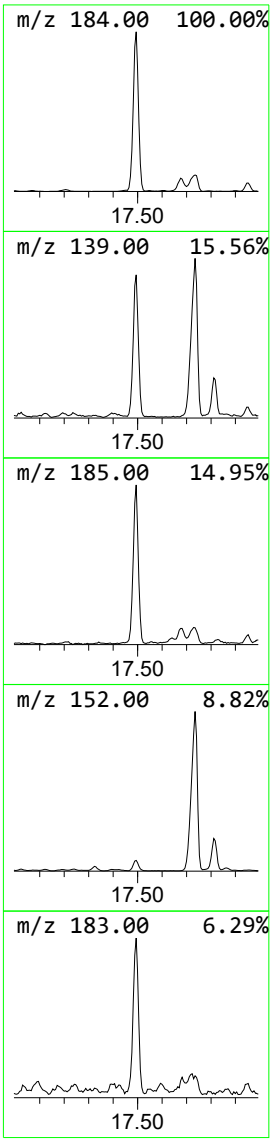
Peak Number 10 Dibenzothiophene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.494	34.13 ng	857936	Phenanthrene-d10	17.676

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	95
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	94
4	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	94
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	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

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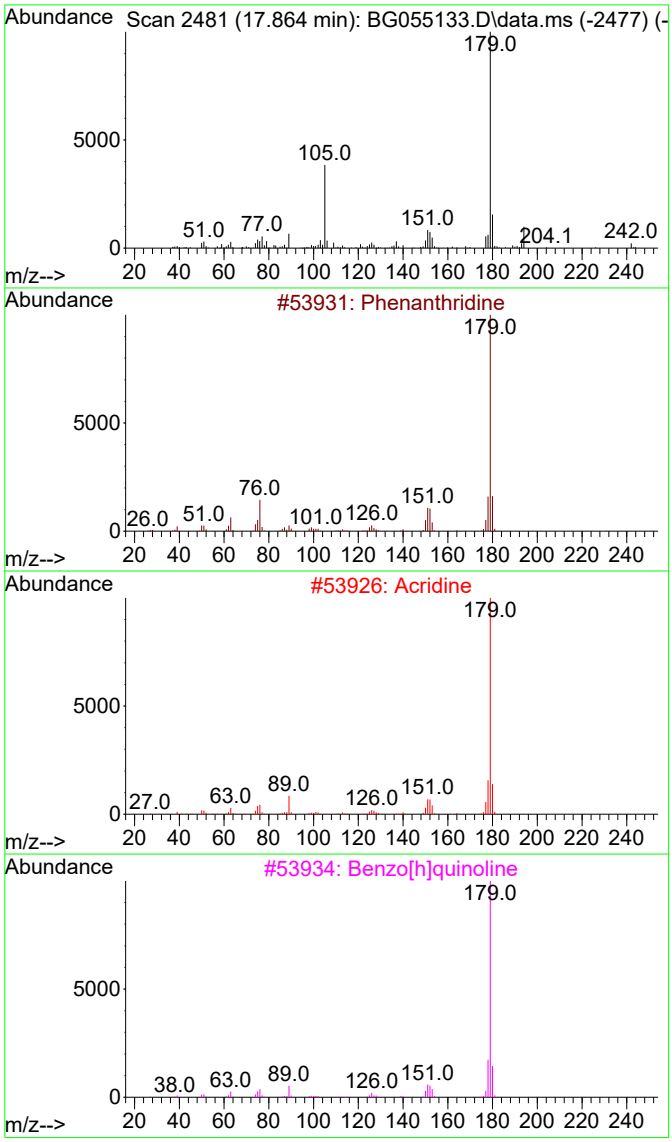
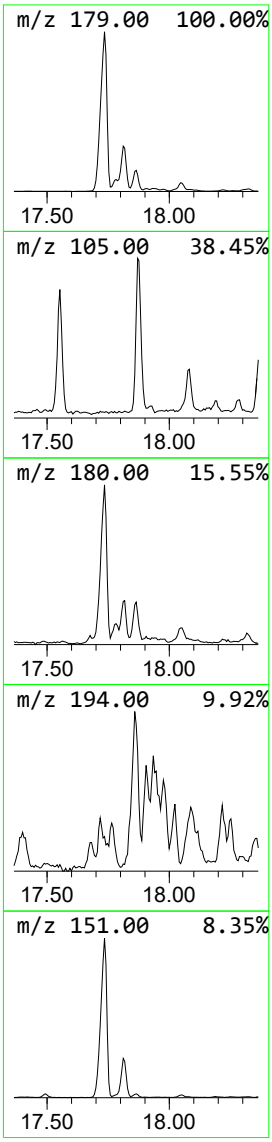
Peak Number 11 Phenanthridine Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.864	15.46 ng	388494	Phenanthrene-d10	17.676

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthridine	179	C13H9N	000229-87-8	91
2	Acridine	179	C13H9N	000260-94-6	91
3	Benzo[h]quinoline	179	C13H9N	000230-27-3	87
4	Benzo[f]quinoline	179	C13H9N	000085-02-9	74
5	9H-Fluoren-9-imine	179	C13H9N	004440-33-9	74





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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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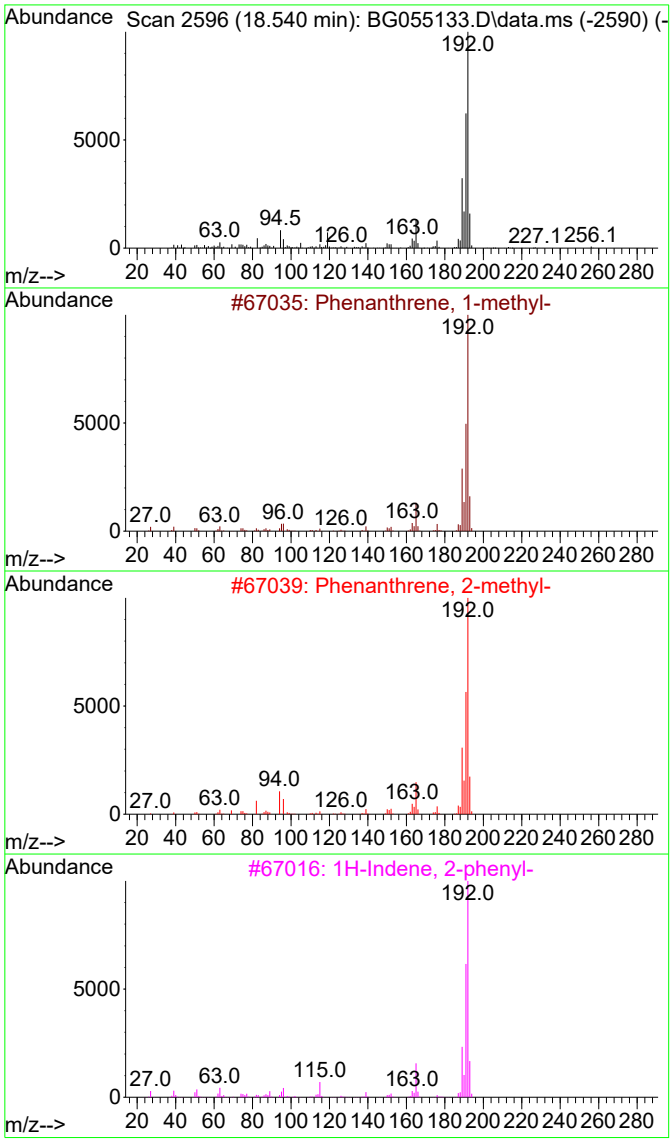
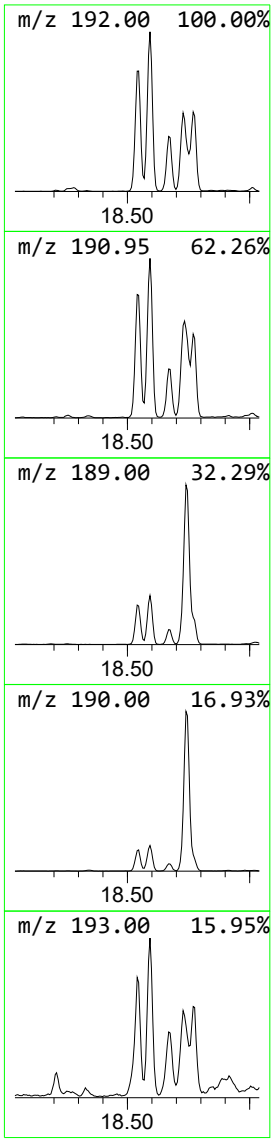
Peak Number 12 Phenanthrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.540	49.03 ng	1232210	Phenanthrene-d10	17.676

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94





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

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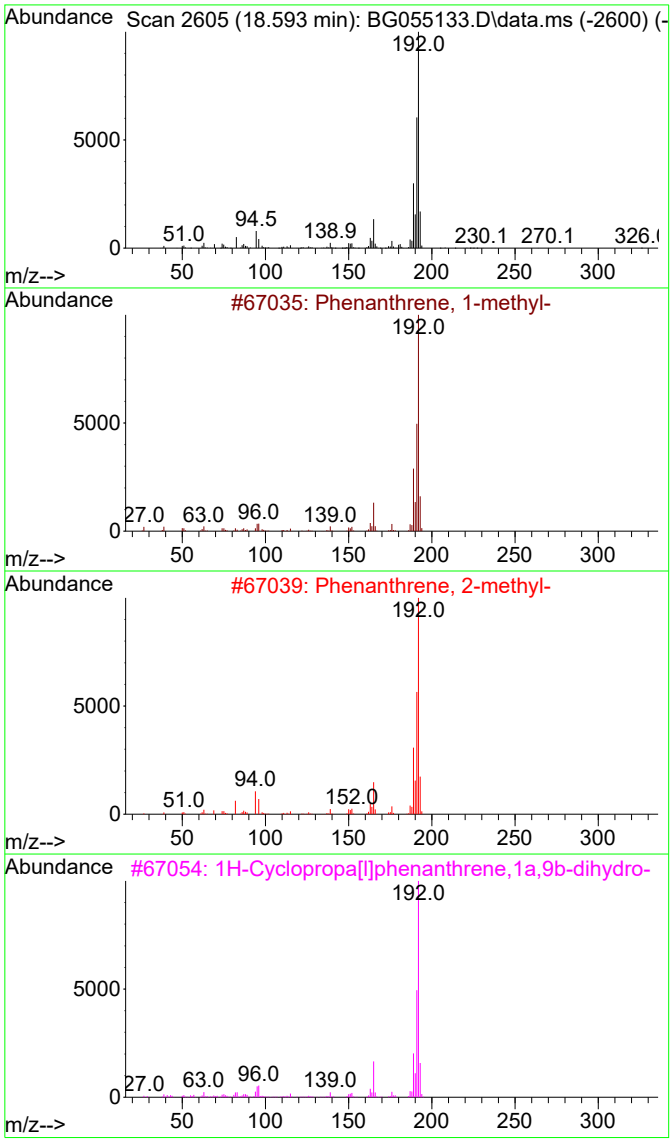
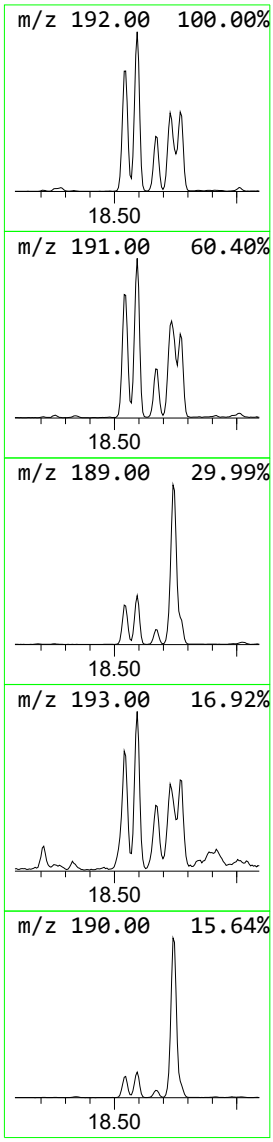
Peak Number 13 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.593	55.42 ng	1392850	Phenanthrene-d10	17.676

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94





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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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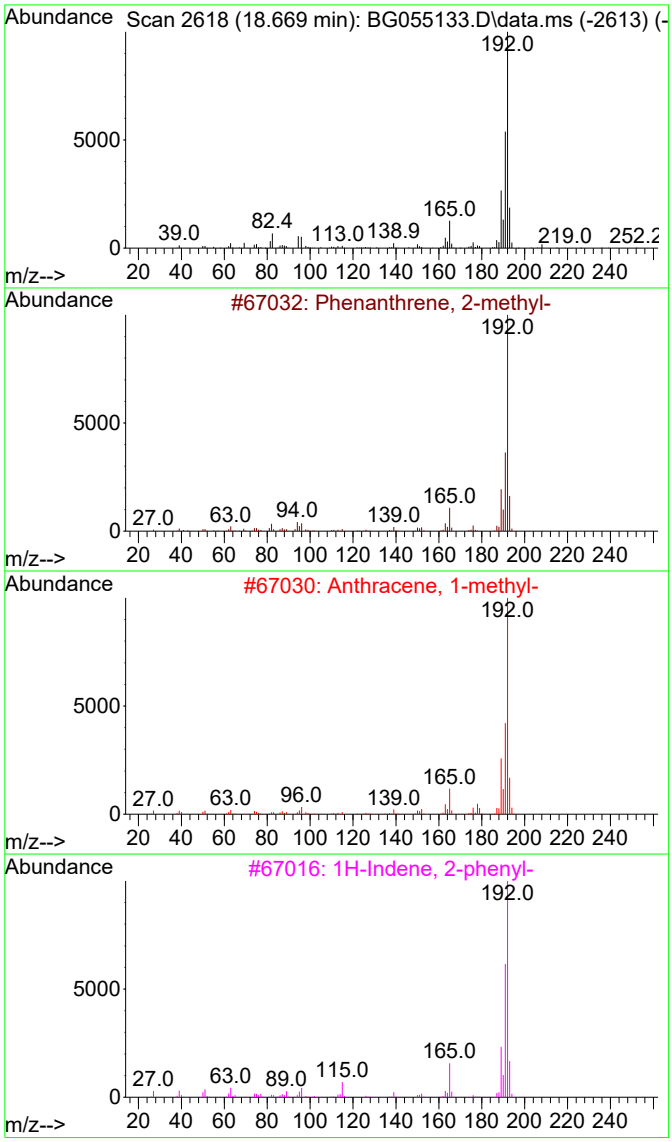
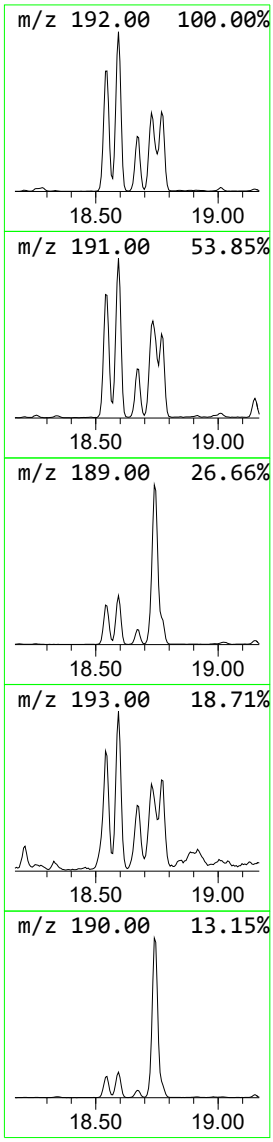
Peak Number 14 Anthracene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.669	16.93 ng	425495	Phenanthrene-d10	17.676

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	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

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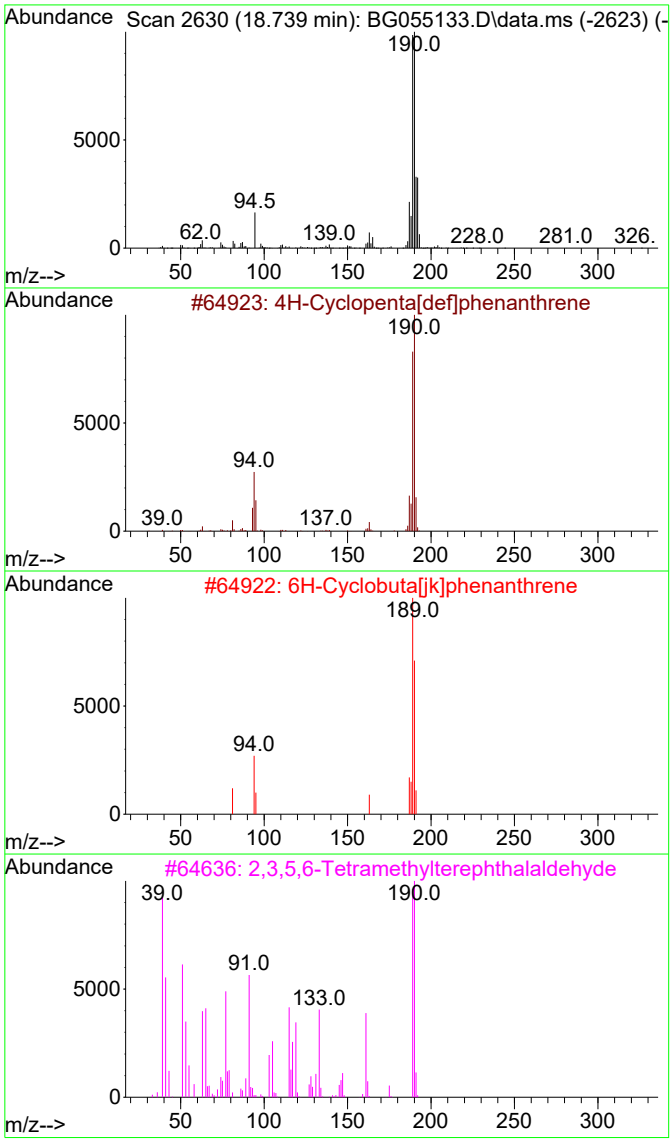
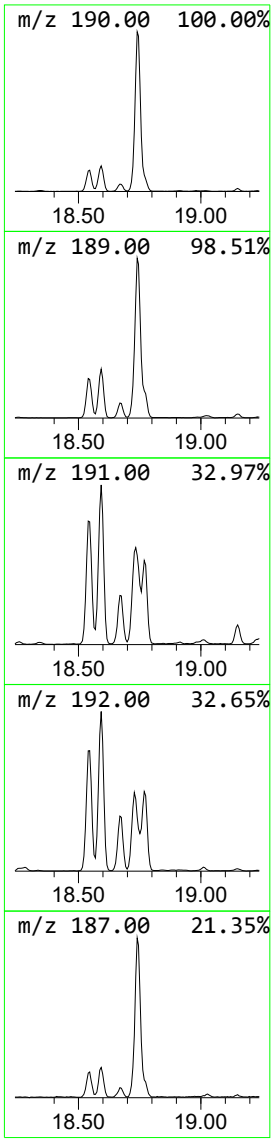
Peak Number 15 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.739	87.64 ng	2202770	Phenanthrene-d10	17.676

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42
5	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	17





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

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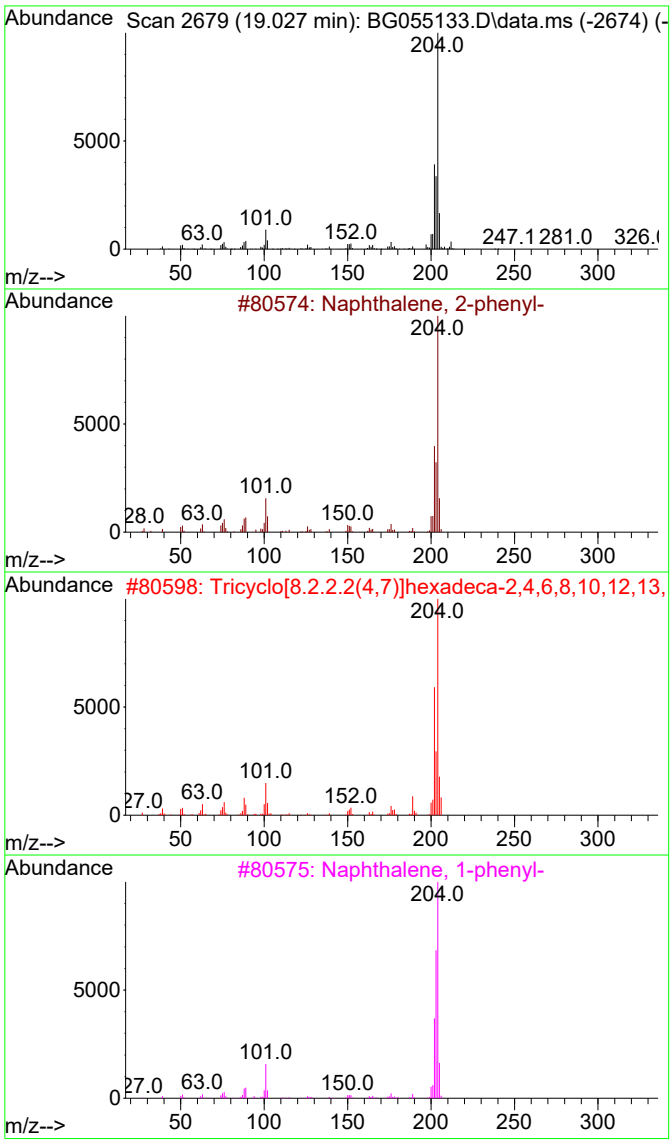
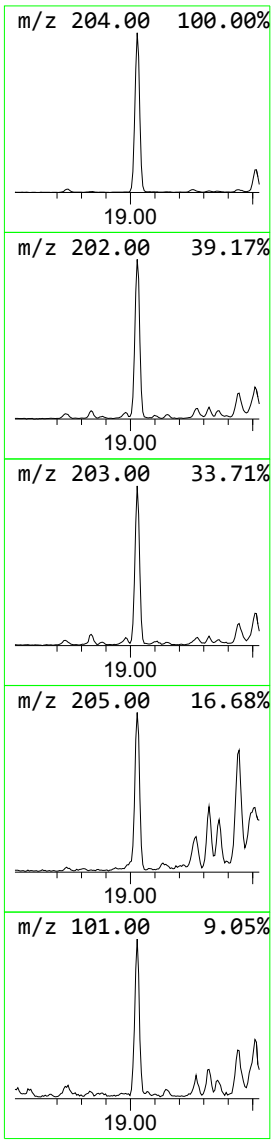
Peak Number 16 Naphthalene, 2-phenyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.027	30.02 ng	754556	Phenanthrene-d10	17.676

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	96
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	62
3	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	55
4	Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	49
5	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	47





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

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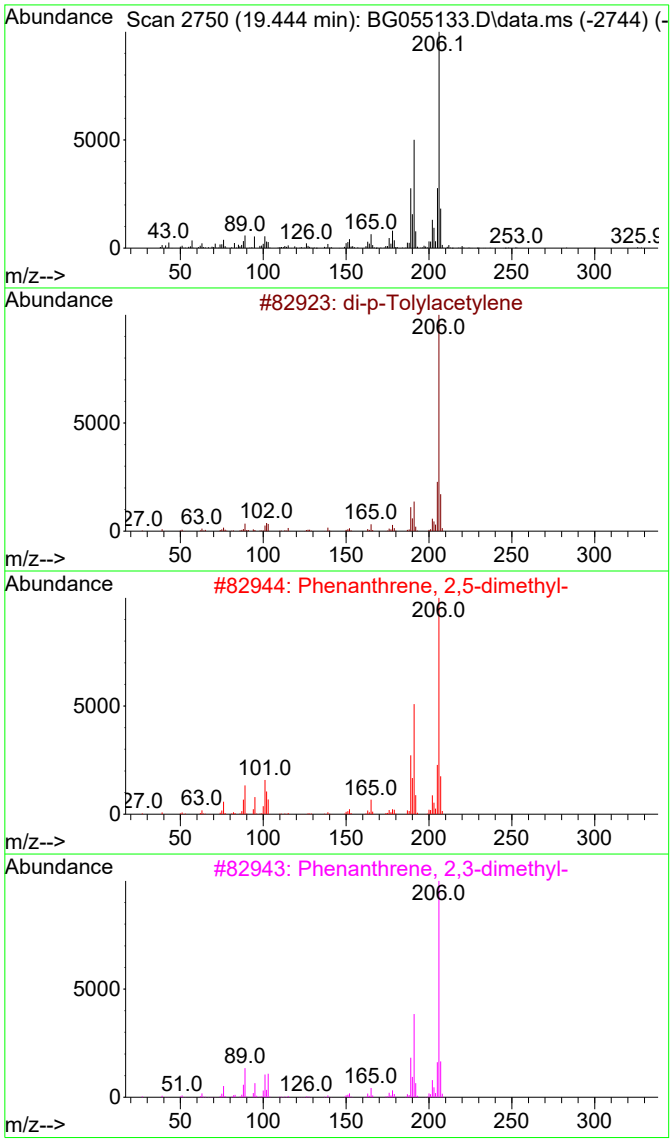
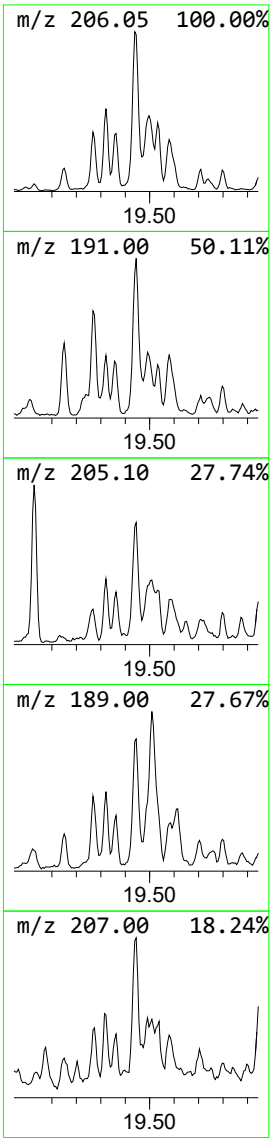
Peak Number 17 di-p-Tolylacetylene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.445	23.58 ng	592611	Phenanthrene-d10	17.676

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
5	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	90





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

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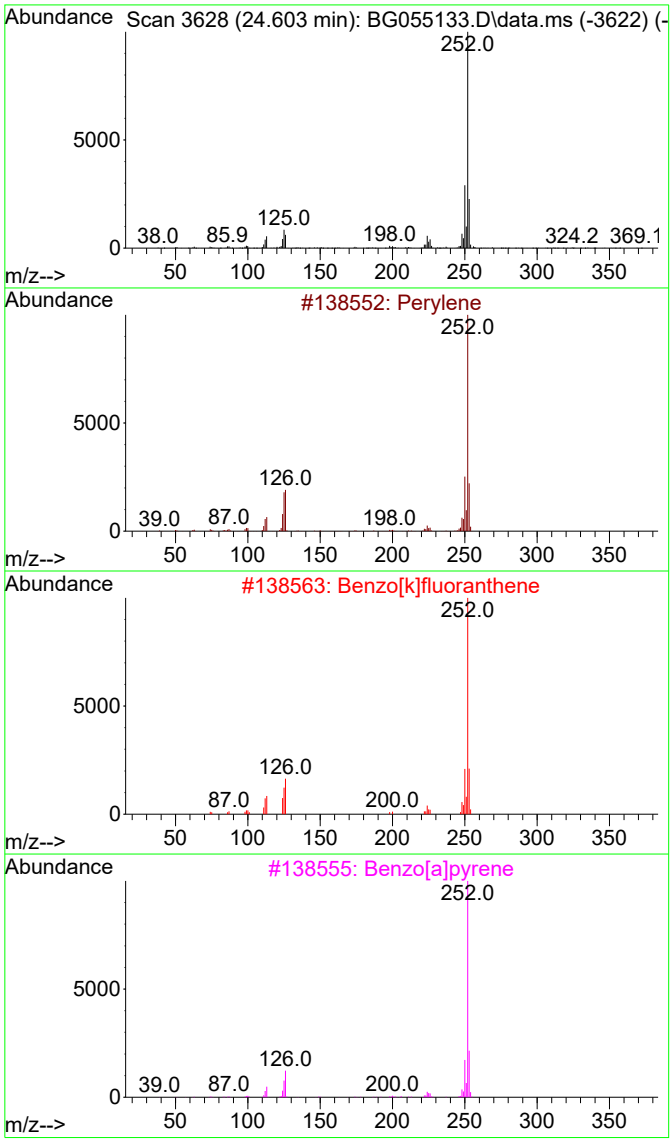
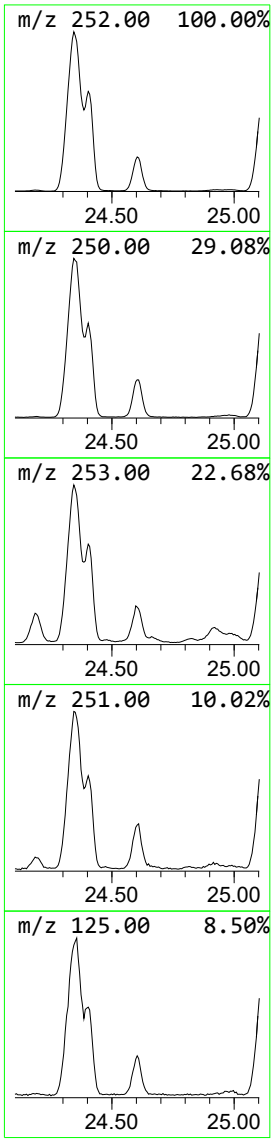
Peak Number 18 Perylene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.603	30.66 ng	710935	Perylene-d12	25.432

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	93
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
3	Benzo[a]pyrene	252	C20H12	000050-32-8	91
4	Benzo[e]pyrene	252	C20H12	000192-97-2	91
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	81





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ClientSampleId :
COMP-B-6-VERT

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

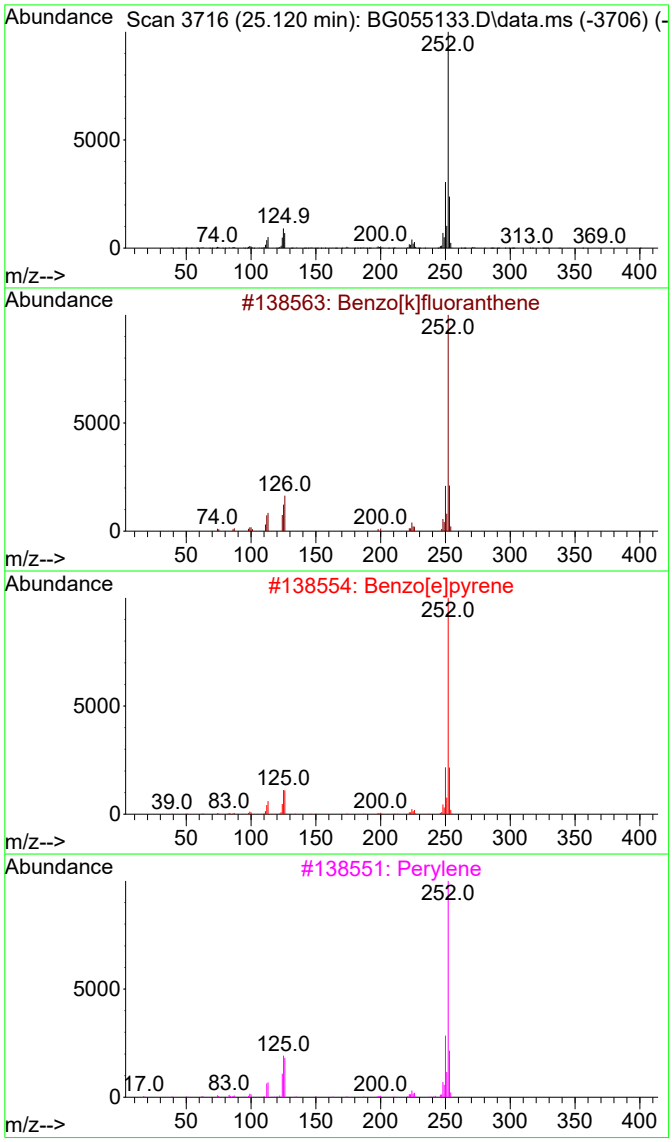
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

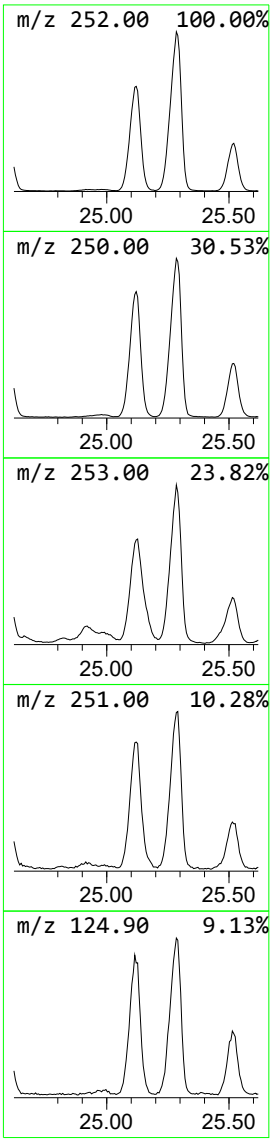
****

Peak Number 19 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.120	120.46 ng	2793170	Perylene-d12	25.432

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	95
3	Perylene	252	C20H12	000198-55-0	94
4	Benzo[a]pyrene	252	C20H12	000050-32-8	93
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101122\
Data File : BG055133.D
Acq On : 11 Oct 2022 19:23
Operator : CG/JU
Sample : N5067-20
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMP-B-6-VERT

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100322.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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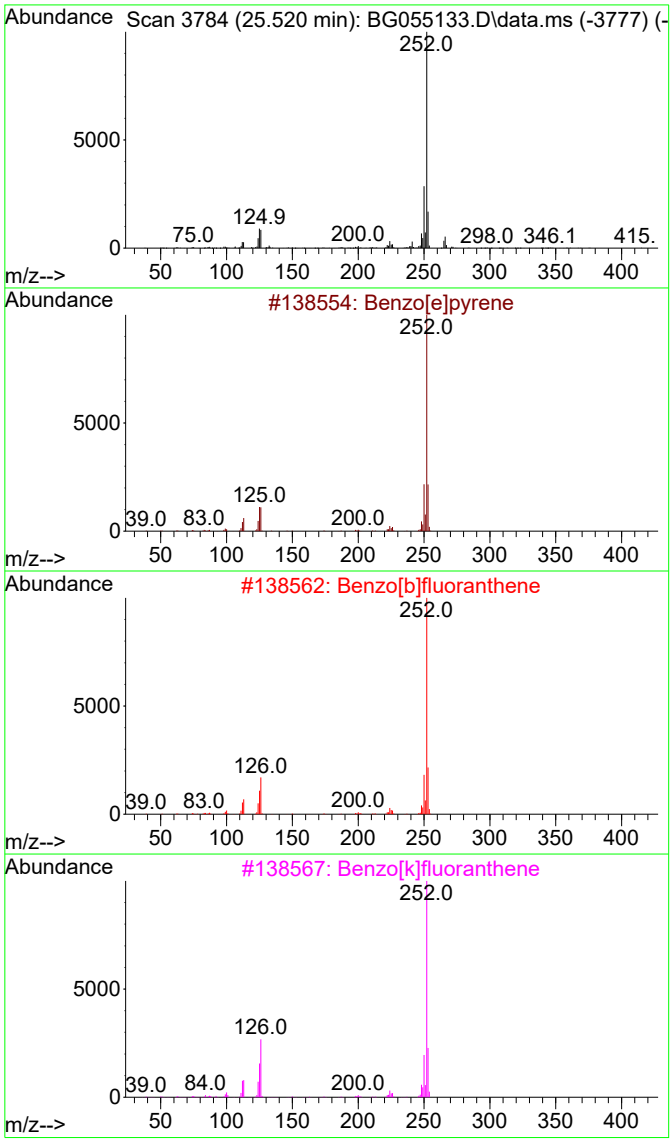
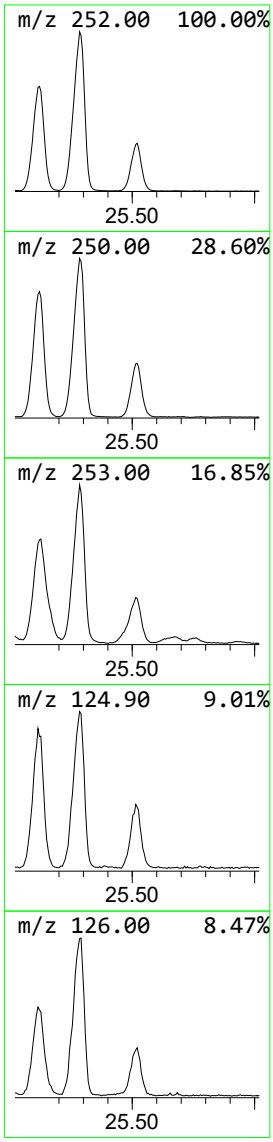
Peak Number 20 Benzo[j]fluoranthene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.520	55.20 ng	1279860	Perylene-d12	25.432

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	90
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	89
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	89
5	Benzo[a]pyrene	252	C20H12	000050-32-8	76





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101122\
Data File : BG055133.D
Acq On : 11 Oct 2022 19:23
Operator : CG/JU
Sample : N5067-20
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMP-B-6-VERT

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100322.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
Butane, 2-metho...	3.363	26.6	ng	371455	1	8.334	279764	20.0
2-Pentanone, 4-...	5.379	14.7	ng	205672	1	8.334	279764	20.0
Benzene, 1,2,3-...	7.970	25.2	ng	352045	1	8.334	279764	20.0
Benzene, cyclop...	8.710	54.8	ng	766244	1	8.334	279764	20.0
3-Methylphenyla...	8.875	15.0	ng	210287	1	8.334	279764	20.0
Naphthalene, 2,...	14.262	15.2	ng	384530	3	14.938	505738	20.0
9H-Fluorene, 1-...	16.971	16.6	ng	416513	4	17.676	502676	20.0
Dibenzothiophene	17.494	34.1	ng	857936	4	17.676	502676	20.0
Phenanthridine	17.864	15.5	ng	388494	4	17.676	502676	20.0
Phenanthrene, 1...	18.540	49.0	ng	1232210	4	17.676	502676	20.0
Phenanthrene, 2...	18.593	55.4	ng	1392850	4	17.676	502676	20.0
Anthracene, 1-m...	18.669	16.9	ng	425495	4	17.676	502676	20.0
4H-Cyclopenta[d...	18.739	87.6	ng	2202770	4	17.676	502676	20.0
Naphthalene, 2-...	19.027	30.0	ng	754556	4	17.676	502676	20.0
di-p-Tolylacety...	19.445	23.6	ng	592611	4	17.676	502676	20.0
Perylene	24.603	30.7	ng	710935	6	25.432	463735	20.0
Benzo[e]pyrene	25.120	120.5	ng	2793170	6	25.432	463735	20.0
Benzo[j]fluoran...	25.520	55.2	ng	1279860	6	25.432	463735	20.0