LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101122\
Data File : BG055130.D
Acq On : 11 Oct 2022 17:16
Operator : CG/JU
Sample : N5067-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMP-B-3-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: BG055130.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.367	8	13	28	rVB	256126	409335	14.87%	1.030%
2	4.431	189	194	199	rBV	26745	43104	1.57%	0.108%
3	5.377	346	355	361	rBV	117741	188318	6.84%	0.474%
4	5.800	420	427	431	rVV	591665	969969	35.24%	2.440%
5	5.847	431	435	443	rVB	501411	831970	30.23%	2.093%
6	5.929	443	449	462	rVB	210827	558004	20.28%	1.404%
7	6.311	507	514	520	rVB	133619	220258	8.00%	0.554%
8	6.793	591	596	603	rBV	75819	137072	4.98%	0.345%
9	7.292	676	681	687	rVB	45583	76862	2.79%	0.193%
10	7.404	695	700	704	rBV	72233	120557	4.38%	0.303%
11	7.463	704	710	718	rVV2	609894	1080001	39.24%	2.717%
12	7.539	718	723	729	rVB	70172	112608	4.09%	0.283%
13	7.709	746	752	757	rBV	59995	97920	3.56%	0.246%
14	7.968	791	796	804	rVB	278378	462956	16.82%	1.165%
15	8.332	852	858	868	rVB2	122294	229083	8.32%	0.576%
16	8.444	872	877	884	rVV2	124009	223304	8.11%	0.562%
17	8.508	884	888	894	rVB	49935	77741	2.82%	0.196%
18	8.714	914	923	930	rBV	800388	1404022	51.02%	3.532%
19	8.820	936	941	945	rBV	24364	43439	1.58%	0.109%
20	8.878	945	951	961	rVB	132909	254527	9.25%	0.640%
21	8.972	961	967	972	rBV2	47278	83477	3.03%	0.210%
22	9.290	1015	1021	1025	rBV2	25393	44367	1.61%	0.112%
23	9.443	1035	1047	1051	rBV2	59641	128261	4.66%	0.323%
24	9.501	1051	1057	1063	rVV	320359	611255	22.21%	1.538%
25	9.548	1063	1065	1074	rVV2	51378	93410	3.39%	0.235%
26	9.695	1078	1090	1099	rVB2	13973	45057	1.64%	0.113%
27	9.971	1131	1137	1141	rBV	34418	55690	2.02%	0.140%
28	10.024	1141	1146	1152	rVV	56103	103402	3.76%	0.260%
29	10.195	1167	1175	1178	rBV6	28612	69361	2.52%	0.174%
30	10.394	1204	1209	1216	rVB2	47954	90911	3.30%	0.229%
31	10.559	1230	1237	1248	rBV4	99581	289775	10.53%	0.729%
32	10.653	1248	1253	1271	rVB	67817	204966	7.45%	0.516%
33	10.900	1292	1295	1305	rVB2	27573	48898	1.78%	0.123%
34	11.105	1326	1330	1334	rBV	36197	58777	2.14%	0.148%
35	11.164	1334	1340	1343	rVV	173757	339940	12.35%	0.855%
36	11.217	1343	1349	1357	rVB	1482826	2752117	100.00%	6.923%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101122\
Data File : BG055130.D
Acq On : 11 Oct 2022 17:16
Operator : CG/JU
Sample : N5067-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMP-B-3-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	12.527	1565	1572	1579	rVB5	27052	61916	2.25%	0.156%
38	12.792	1610	1617	1623	rVB	291996	470905	17.11%	1.185%
39	13.009	1644	1654	1662	rVV	261559	448036	16.28%	1.127%
40	13.567	1741	1749	1756	rVB	863616	1332747	48.43%	3.353%
41	13.773	1781	1784	1790	rVB	33241	47266	1.72%	0.119%
42	13.973	1813	1818	1829	rVB2	29177	73116	2.66%	0.184%
43	14.102	1834	1840	1849	rVB2	53400	140621	5.11%	0.354%
44	14.196	1849	1856	1861	rBV	67311	112321	4.08%	0.283%
45	14.260	1861	1867	1872	rVV	104899	187470	6.81%	0.472%
46	14.313	1872	1876	1881	rVB	59787	87635	3.18%	0.220%
47	14.490	1901	1906	1911	rBV2	72128	119197	4.33%	0.300%
48	14.648	1926	1933	1940	rBV2	86763	169874	6.17%	0.427%
49	14.936	1977	1982	1987	rVV	322928	496263	18.03%	1.248%
50	15.001	1987	1993	1999	rVB	163767	256112	9.31%	0.644%
51	15.289	2038	2042	2044	rVV	36189	56364	2.05%	0.142%
52	15.330	2044	2049	2056	rVB2	115039	214167	7.78%	0.539%
53	15.400	2056	2061	2069	rBV2	33785	63393	2.30%	0.159%
54	15.712	2107	2114	2117	rBV4	26109	55106	2.00%	0.139%
55	15.976	2151	2159	2164	rBV2	224865	378199	13.74%	0.951%
56	16.135	2182	2186	2191	rVB5	37755	57372	2.08%	0.144%
57	16.258	2204	2207	2215	rVB	57469	98313	3.57%	0.247%
58	16.411	2226	2233	2241	rBV	825819	1244552	45.22%	3.131%
59	16.969	2318	2328	2333	rBV3	72445	177559	6.45%	0.447%
60	17.022	2333	2337	2343	rVB3	37141	61018	2.22%	0.153%
61	17.122	2350	2354	2360	rVB2	39334	58197	2.11%	0.146%
62	17.192	2360	2366	2369	rBV4	31932	68203	2.48%	0.172%
63	17.322	2384	2388	2394	rVB6	32182	56061	2.04%	0.141%
64	17.398	2396	2401	2403	rBV	32197	53835	1.96%	0.135%
65	17.492	2412	2417	2422	rBV	81797	134025	4.87%	0.337%
66	17.545	2422	2426	2432	rVB	52789	82115	2.98%	0.207%
67	17.668	2441	2447	2450	rBV	380538	587918	21.36%	1.479%
68	17.715	2450	2455	2461	rVV	1447389	2226192	80.89%	5.600%
69	17.803	2465	2470	2475	rVV	240133	376763	13.69%	0.948%
70	17.868	2476	2481	2489	rVB2	73664	152351	5.54%	0.383%
71	18.062	2509	2514	2524	rBV2	88258	177971	6.47%	0.448%
72	18.185	2531	2535	2541	rBV	58721	89543	3.25%	0.225%
73	18.538	2590	2595	2599	rBV2	237696	360958	13.12%	0.908%
74	18.585	2599	2603	2609	rVB	262176	381054	13.85%	0.959%
75	18.667	2613	2617	2622	rVB	74676	108176	3.93%	0.272%
76	18.738	2622	2629	2632	rBV3	320399	626621	22.77%	1.576%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101122\
Data File : BG055130.D
Acq On : 11 Oct 2022 17:16
Operator : CG/JU
Sample : N5067-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMP-B-3-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	18.931	2657	2662	2665	rBV2	100610	141468	5.14%	0.356%
78	19.025	2673	2678	2682	rBV	147754	209255	7.60%	0.526%
79	19.067	2682	2685	2690	rVB2	42887	56093	2.04%	0.141%
80	19.266	2716	2719	2724	rVB2	62099	80625	2.93%	0.203%
81	19.390	2736	2740	2744	rVB	162345	204811	7.44%	0.515%
82	19.437	2744	2748	2754	rBV2	115782	211291	7.68%	0.532%
83	19.578	2769	2772	2775	rBV5	40787	63814	2.32%	0.161%
84	19.707	2788	2794	2797	rBV	1612065	2297139	83.47%	5.779%
85	19.748	2797	2801	2806	rVB	1622867	2086250	75.81%	5.248%
86	20.030	2844	2849	2850	rBV	228311	318341	11.57%	0.801%
87	20.065	2850	2855	2861	rVV	1460032	2159103	78.45%	5.431%
88	20.124	2862	2865	2872	rVB	81654	116914	4.25%	0.294%
89	20.248	2880	2886	2890	rVB	1321429	1800464	65.42%	4.529%
90	20.377	2903	2908	2914	rVB3	97193	218597	7.94%	0.550%
91	20.459	2919	2922	2926	rVB	152787	185749	6.75%	0.467%
92	20.541	2932	2936	2941	rVB	274823	404651	14.70%	1.018%
93	20.641	2949	2953	2957	rBV	216898	287709	10.45%	0.724%
94	20.841	2984	2987	2991	rBV	95025	124436	4.52%	0.313%
95	20.888	2992	2995	2998	rBV	80020	107793	3.92%	0.271%
96	21.564	3107	3110	3115	rVB	175860	242306	8.80%	0.610%
97	21.946	3170	3175	3183	rBV2	605214	1597949	58.06%	4.020%
98	22.016	3183	3187	3200	rVB	495736	864853	31.43%	2.176%
99	24.313	3573	3578	3586	rBV	227627	629428	22.87%	1.583%
100	25.253	3732	3738	3753	rVB	279718	832461	30.25%	2.094%

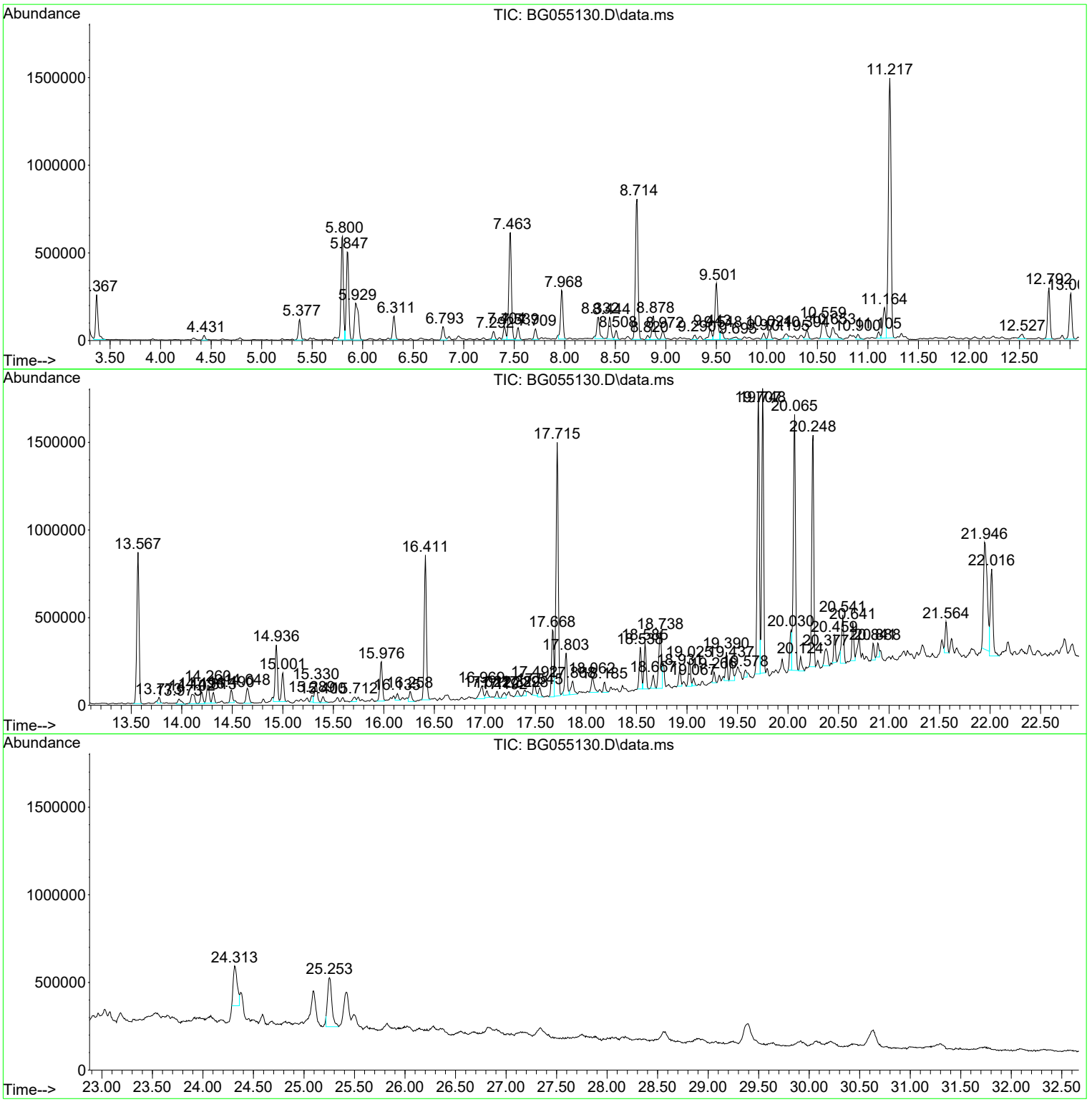
Sum of corrected areas: 39751719

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101122\
Data File : BG055130.D
Acq On : 11 Oct 2022 17:16
Operator : CG/JU
Sample : N5067-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMP-B-3-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 : BG055130.D
Acq On : 11 Oct 2022 17:16
Operator : CG/JU
Sample : N5067-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMP-B-3-VERT

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

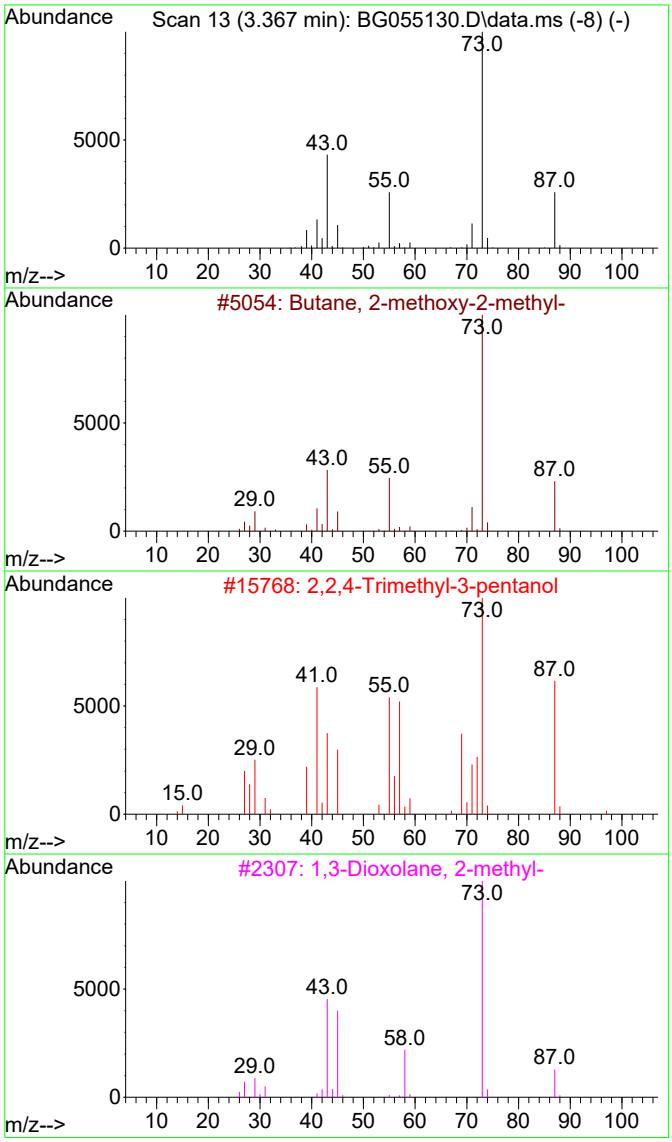
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

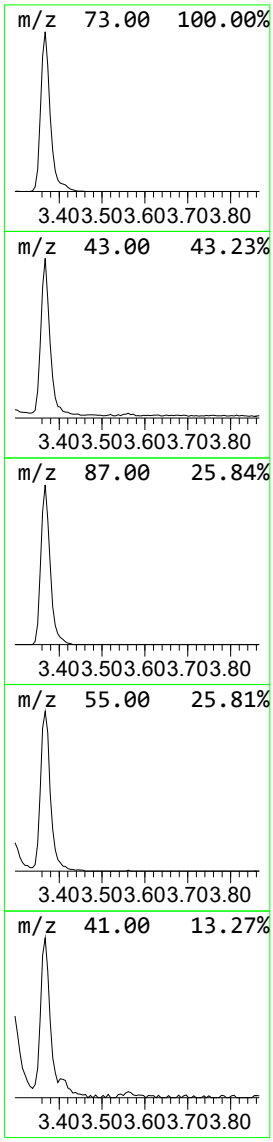
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.367	35.74 ng	409335	1,4-Dichlorobenzene-d4	8.332

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	50
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101122\
Data File : BG055130.D
Acq On : 11 Oct 2022 17:16
Operator : CG/JU
Sample : N5067-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMP-B-3-VERT

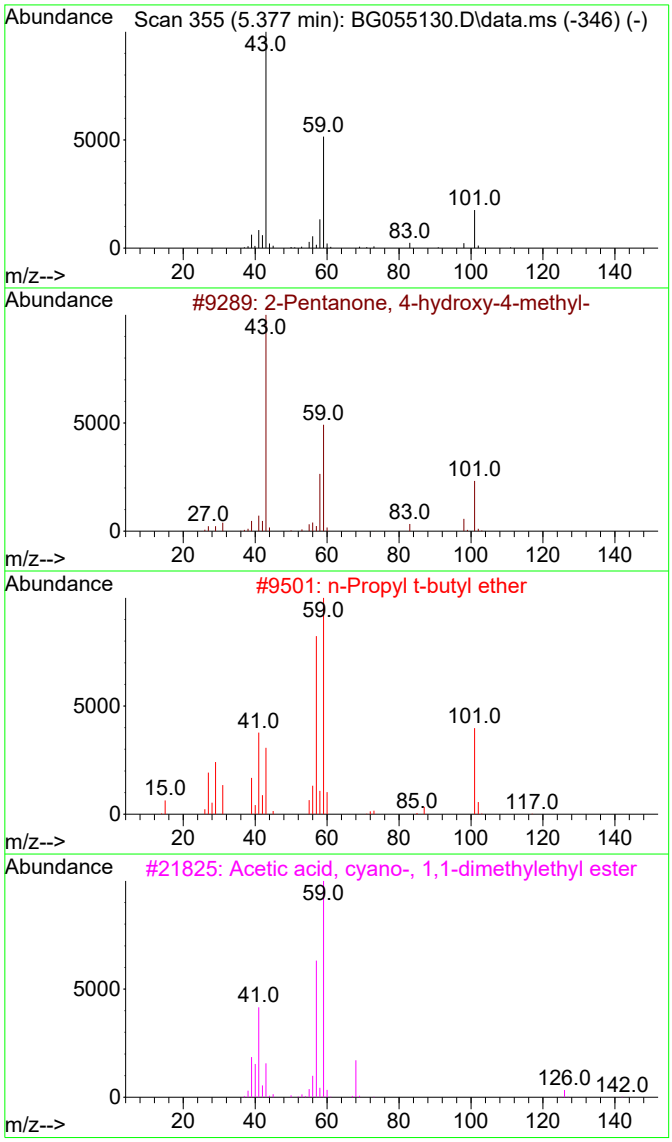
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

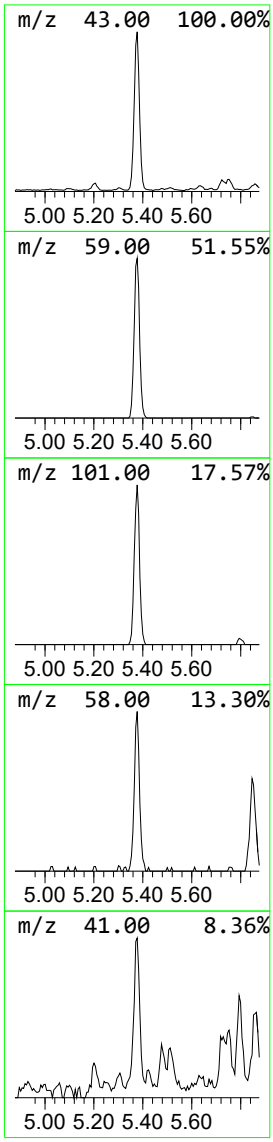
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.377	16.44 ng	188318	1,4-Dichlorobenzene-d4	8.332

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	n-Propyl t-butyl ether	116	C7H16O	1000334-81-9	33
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	23
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101122\
Data File : BG055130.D
Acq On : 11 Oct 2022 17:16
Operator : CG/JU
Sample : N5067-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMP-B-3-VERT

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

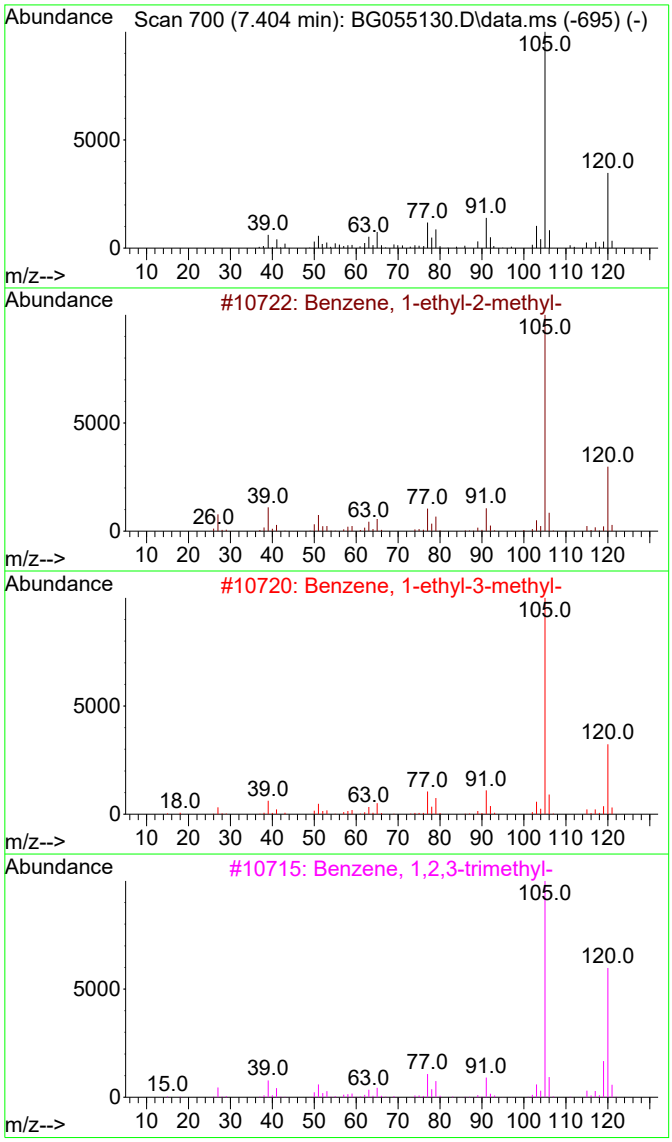
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

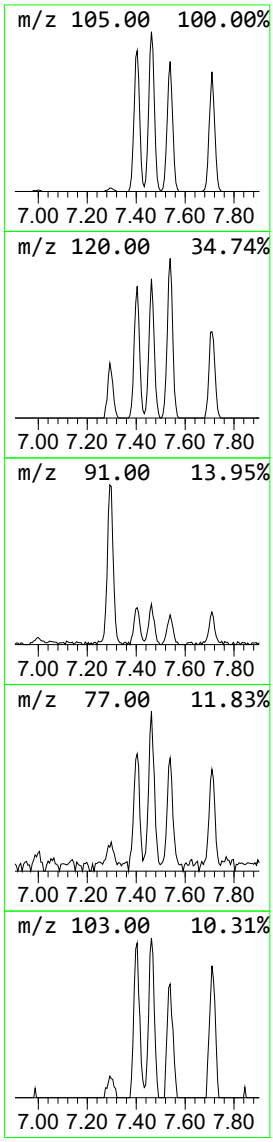
****

Peak Number 6 Benzene, 1-ethyl-2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.404	10.53 ng	120557	1,4-Dichlorobenzene-d4	8.332

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101122\
Data File : BG055130.D
Acq On : 11 Oct 2022 17:16
Operator : CG/JU
Sample : N5067-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMP-B-3-VERT

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

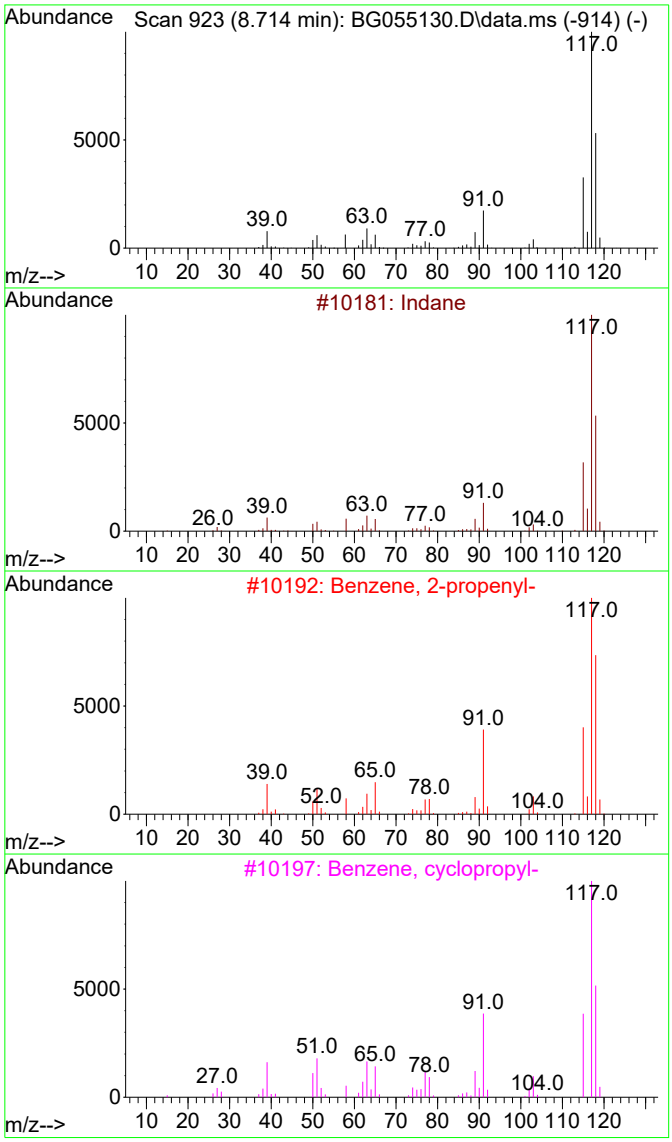
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

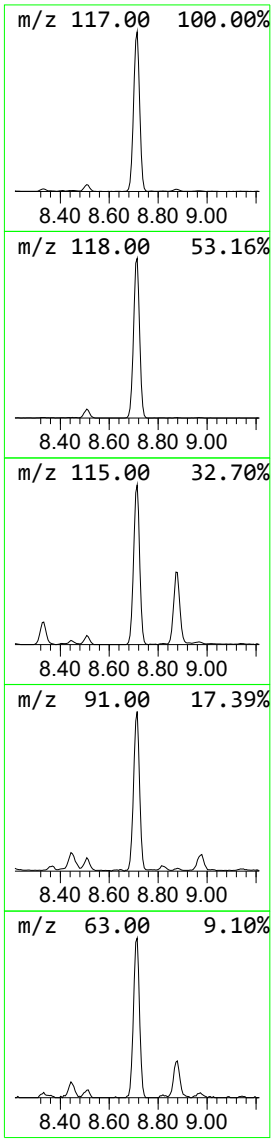
****

Peak Number 11 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.714	122.58 ng	1404020	1,4-Dichlorobenzene-d4	8.332

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Benzene, 2-propenyl-	118	C9H10	000300-57-2	81
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	81
4	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	80
5	Deltacyclene	118	C9H10	007785-10-6	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101122\
Data File : BG055130.D
Acq On : 11 Oct 2022 17:16
Operator : CG/JU
Sample : N5067-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMP-B-3-VERT

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

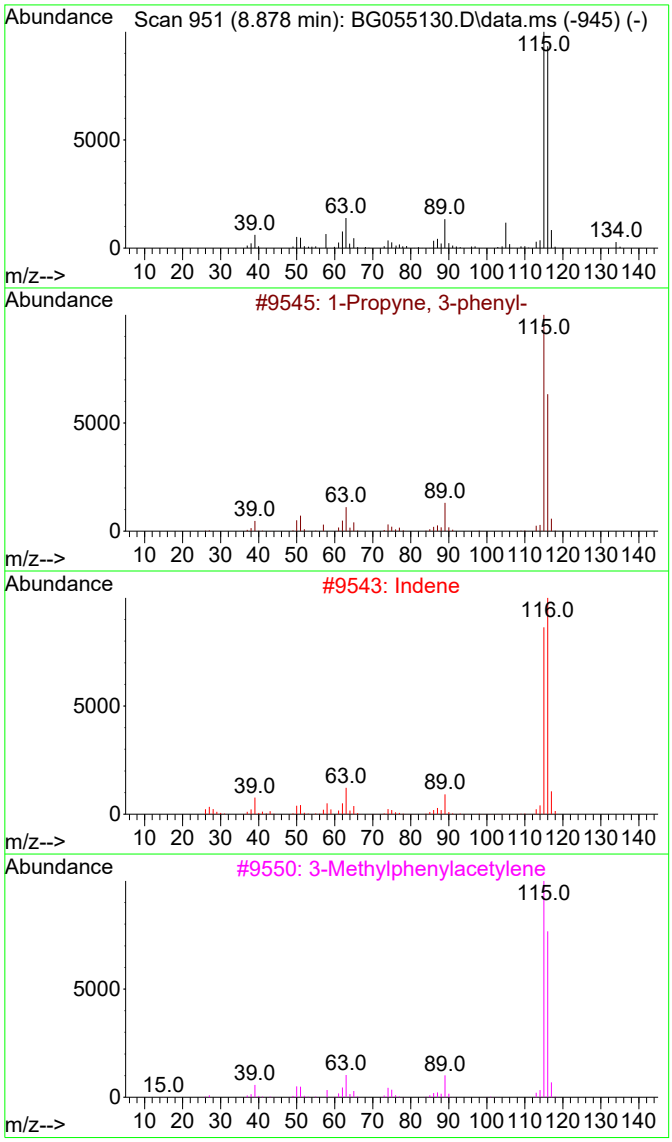
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

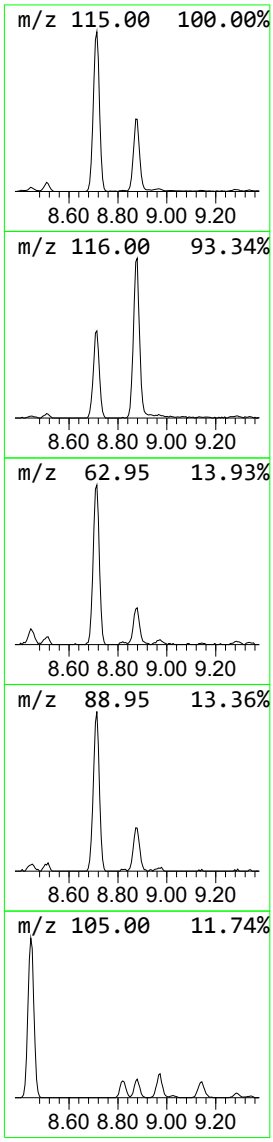
****

Peak Number 12 1-Propyne, 3-phenyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.878	22.22 ng	254527	1,4-Dichlorobenzene-d4	8.332

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	97
2	Indene	116	C9H8	000095-13-6	94
3	3-Methylphenylacetylene	116	C9H8	000766-82-5	94
4	2-Methylphenylacetylene	116	C9H8	000766-47-2	90
5	Benzene, 1-propynyl-	116	C9H8	000673-32-5	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101122\
Data File : BG055130.D
Acq On : 11 Oct 2022 17:16
Operator : CG/JU
Sample : N5067-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMP-B-3-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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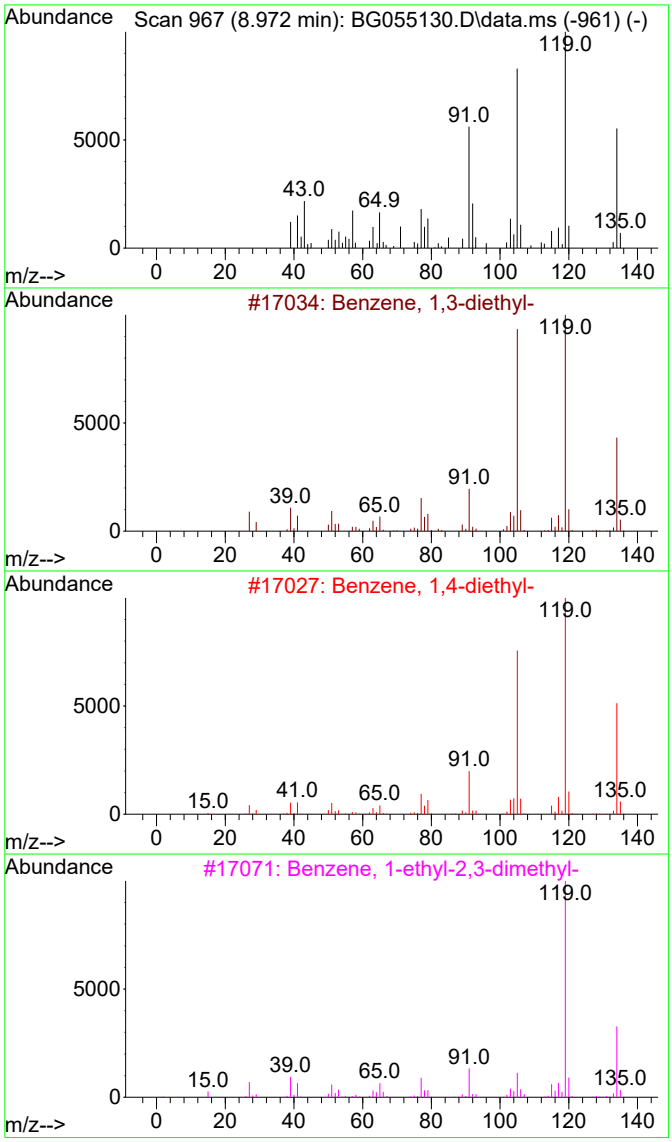
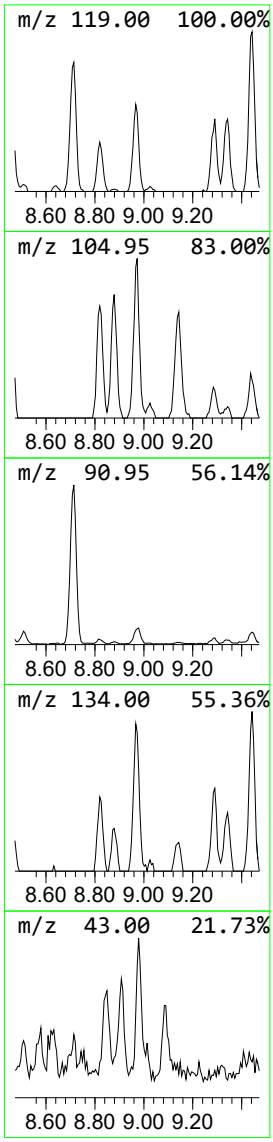
Peak Number 13 Benzene, 1,3-diethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.972	7.29 ng	83477	1,4-Dichlorobenzene-d4	8.332

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	95
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	91
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	87
5	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	87





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Acq On : 11 Oct 2022 17:16
Operator : CG/JU
Sample : N5067-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMP-B-3-VERT

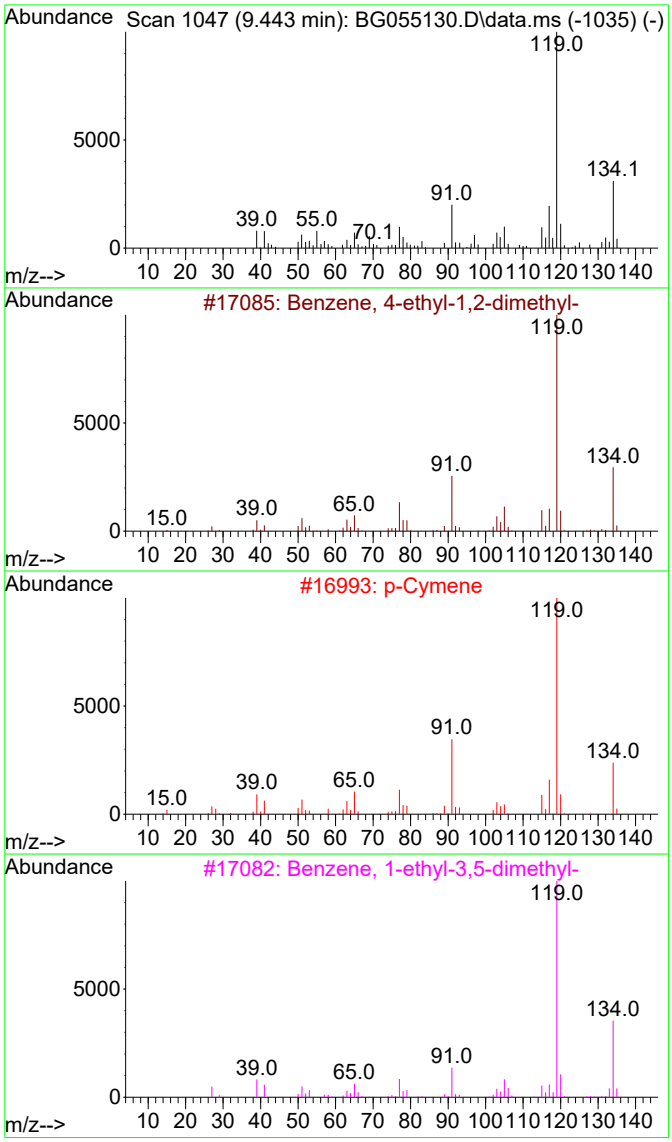
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

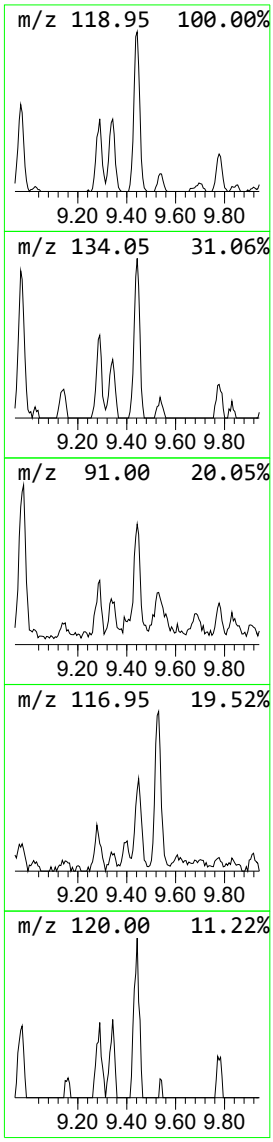
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.443	11.20 ng	128261	1,4-Dichlorobenzene-d4	8.332

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	93
2	p-Cymene	134	C10H14	000099-87-6	90
3	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	87
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	87
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	87





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Acq On : 11 Oct 2022 17:16
Operator : CG/JU
Sample : N5067-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMP-B-3-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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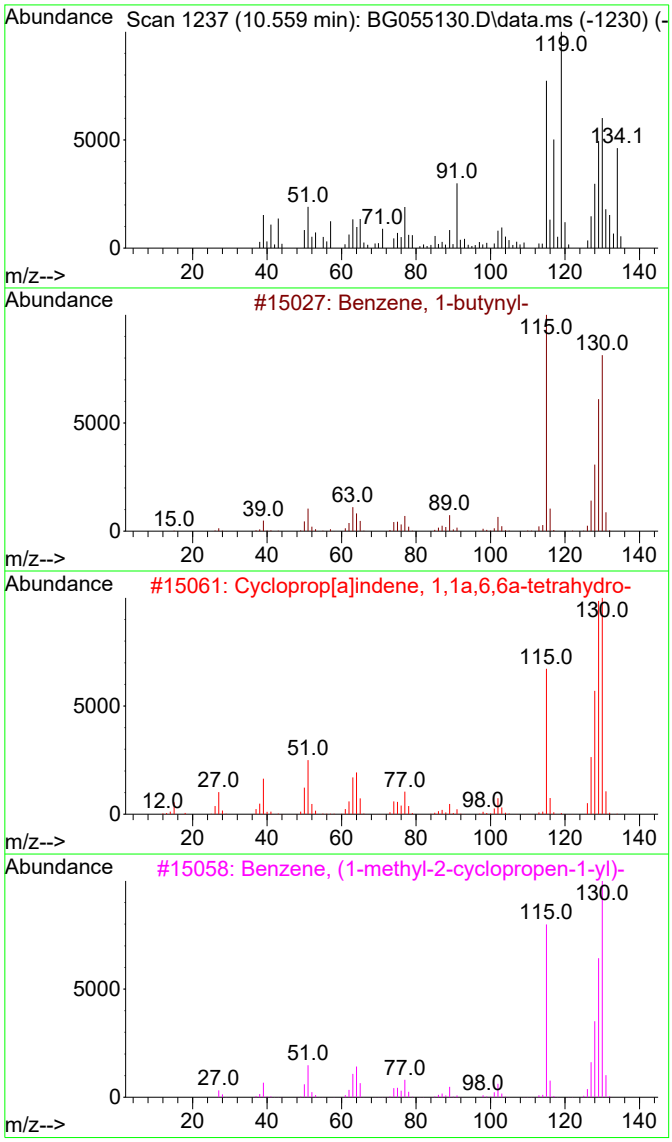
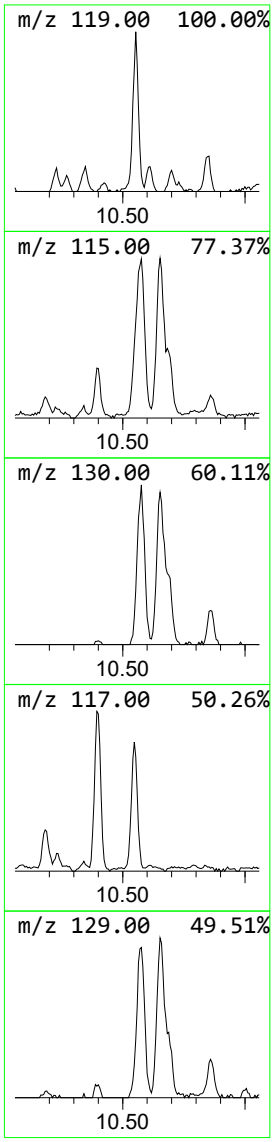
Peak Number 15 Benzene, 1-butynyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.559	17.05 ng	289775	Naphthalene-d8	11.164

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-butynyl-	130	C10H10	000622-76-4	86
2	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	46
3	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	46
4	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	46
5	2-Methylindene	130	C10H10	002177-47-1	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101122\
Data File : BG055130.D
Acq On : 11 Oct 2022 17:16
Operator : CG/JU
Sample : N5067-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMP-B-3-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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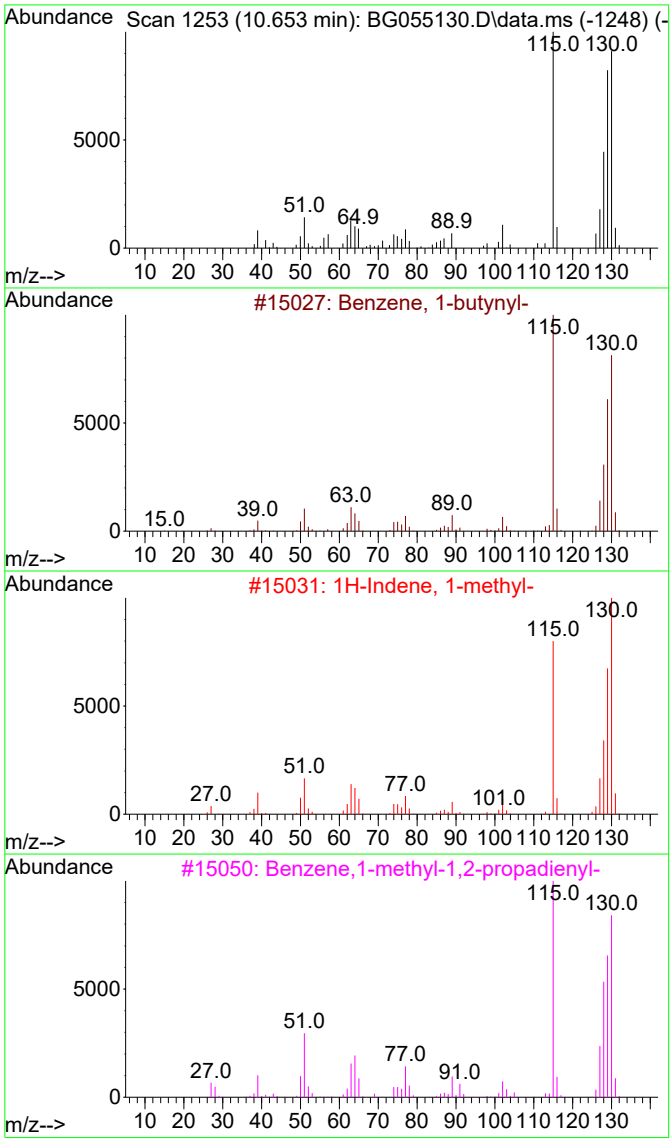
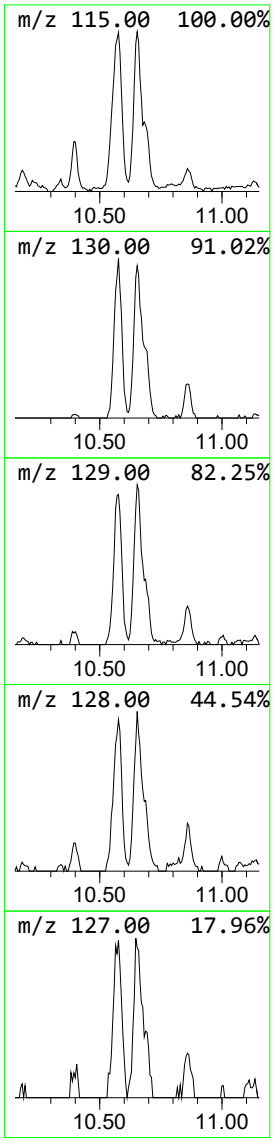
Peak Number 16 1H-Indene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.653	12.06 ng	204966	Naphthalene-d8	11.164

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-butynyl-	130	C10H10	000622-76-4	96
2	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	95
3	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	95
4	2-Methylindene	130	C10H10	002177-47-1	93
5	1,4-Dihydronaphthalene	130	C10H10	000612-17-9	93





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Data File : BG055130.D
Acq On : 11 Oct 2022 17:16
Operator : CG/JU
Sample : N5067-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMP-B-3-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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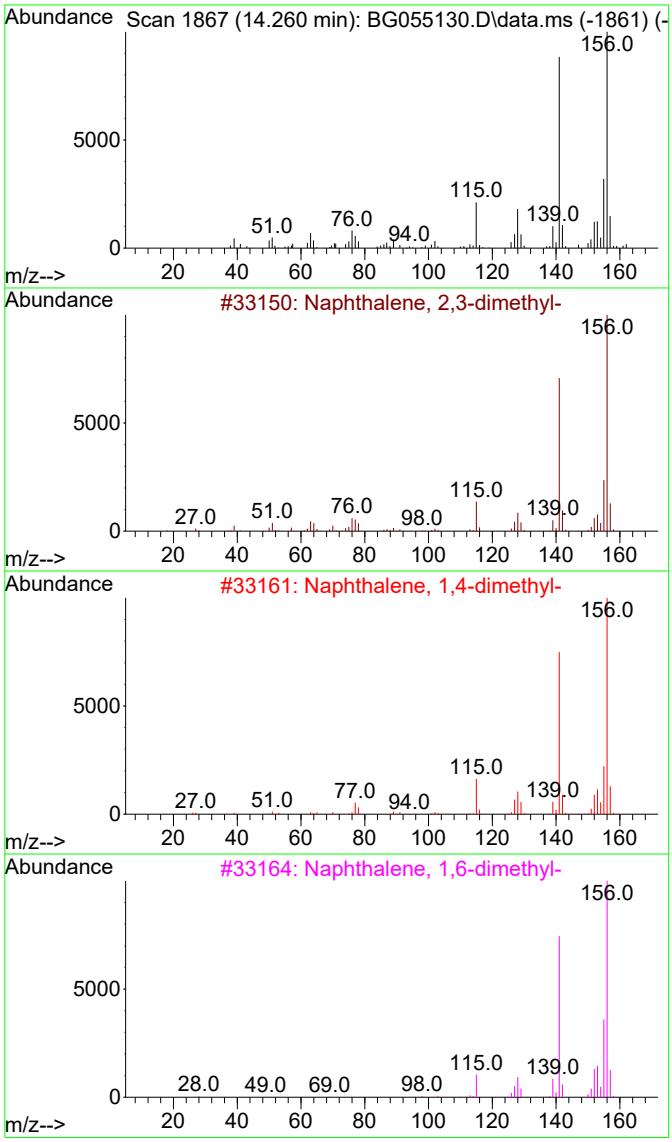
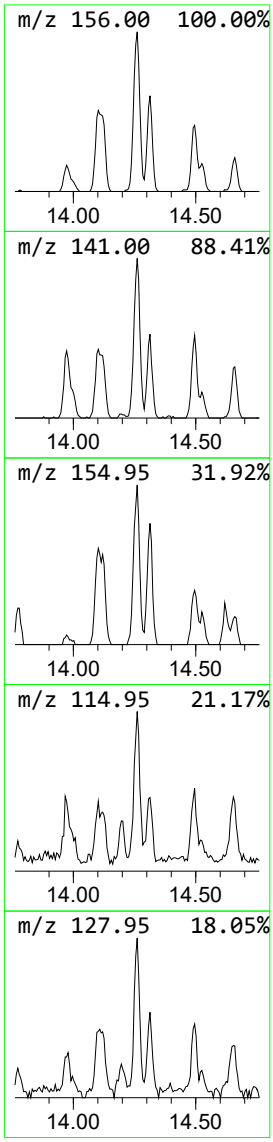
Peak Number 17 Naphthalene, 2,3-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.260	7.56 ng	187470	Acenaphthene-d10	14.936

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	94





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Acq On : 11 Oct 2022 17:16
Operator : CG/JU
Sample : N5067-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMP-B-3-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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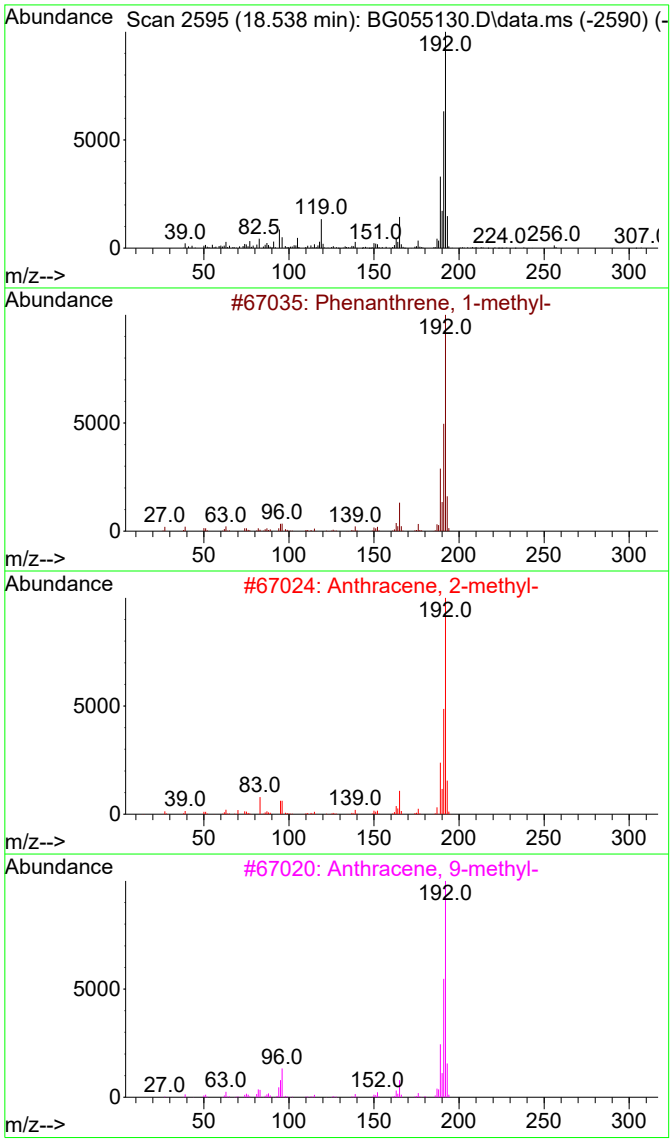
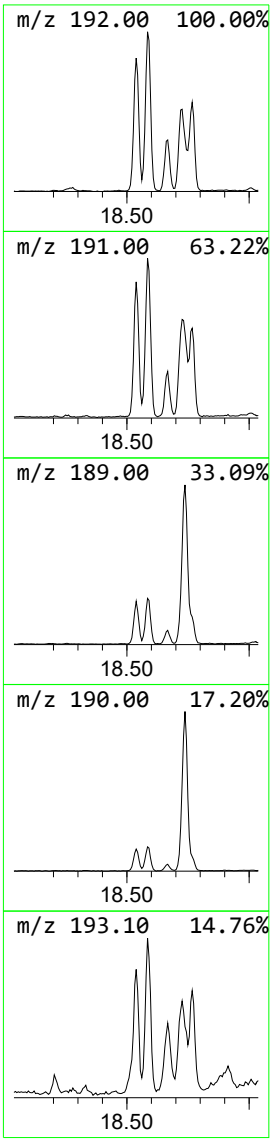
Peak Number 18 Phenanthrene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.538	12.28 ng	360958	Phenanthrene-d10	17.668

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	92
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91





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Data File : BG055130.D
Acq On : 11 Oct 2022 17:16
Operator : CG/JU
Sample : N5067-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMP-B-3-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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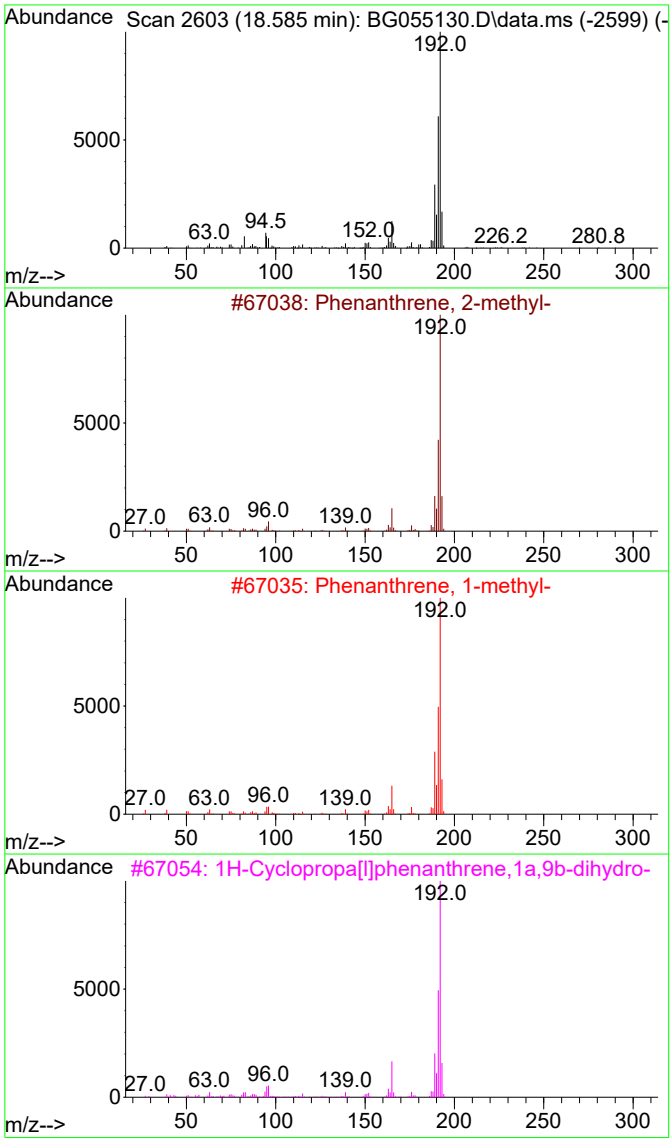
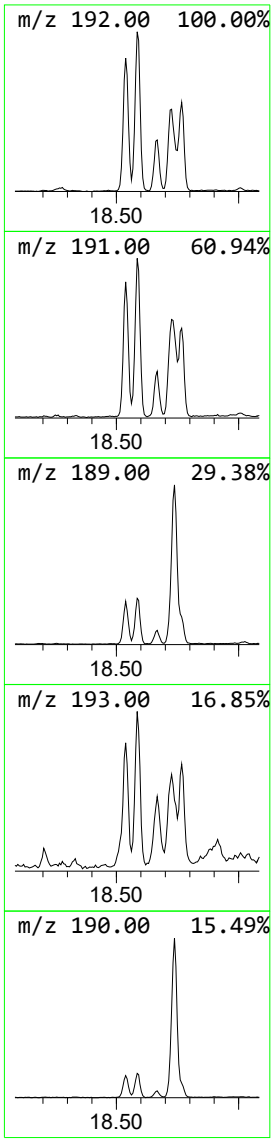
Peak Number 19 Phenanthrene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.585	12.96 ng	381054	Phenanthrene-d10	17.668

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	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, 1-methyl-	192	C15H12	000610-48-0	95
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94





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Operator : CG/JU
Sample : N5067-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMP-B-3-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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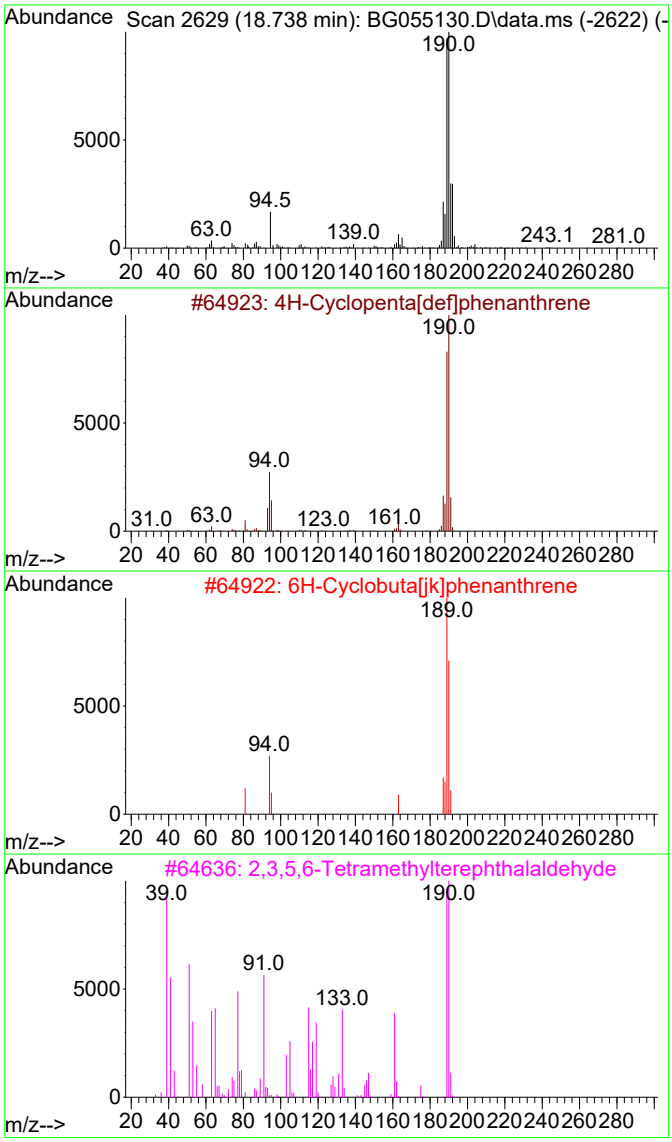
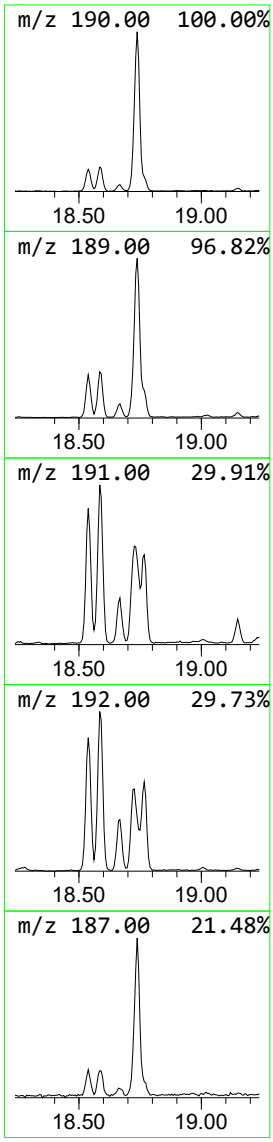
Peak Number 20 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.738	21.32 ng	626621	Phenanthrene-d10	17.668

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	64
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	2,4(1H,3H)-Pyrimidinedione, 5-br...	190	C4H3BrN2O2	000051-20-7	25





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101122\
Data File : BG055130.D
Acq On : 11 Oct 2022 17:16
Operator : CG/JU
Sample : N5067-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMP-B-3-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...	3.367	35.7	ng	409335	1	8.332	229083	20.0
2-Pentanone, 4-...	5.377	16.4	ng	188318	1	8.332	229083	20.0
Benzene, 1-ethy...	7.404	10.5	ng	120557	1	8.332	229083	20.0
Indane	8.714	122.6	ng	1404020	1	8.332	229083	20.0
1-Propyne, 3-ph...	8.878	22.2	ng	254527	1	8.332	229083	20.0
Benzene, 1,3-di...	8.972	7.3	ng	83477	1	8.332	229083	20.0
Benzene, 4-ethy...	9.443	11.2	ng	128261	1	8.332	229083	20.0
Benzene, 1-buty...	10.559	17.1	ng	289775	2	11.164	339940	20.0
1H-Indene, 1-me...	10.653	12.1	ng	204966	2	11.164	339940	20.0
Naphthalene, 2,...	14.260	7.6	ng	187470	3	14.936	496263	20.0
Phenanthrene, 1...	18.538	12.3	ng	360958	4	17.668	587918	20.0
Phenanthrene, 2...	18.585	13.0	ng	381054	4	17.668	587918	20.0
4H-Cyclopenta[d...	18.738	21.3	ng	626621	4	17.668	587918	20.0