LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101921\
Data File : BG050639.D
Acq On : 19 Oct 2021 17:50
Operator : CG/JU
Sample : M4253-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 137-138

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-BG100621.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG050639.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.387	145	153	165	rBV	270992	488768	15.99%	1.267%
2	5.791	383	392	398	rBV	401799	683189	22.35%	1.772%
3	5.867	398	405	422	rVB	1236554	3056800	100.00%	7.927%
4	6.243	460	469	479	rBV	1434613	2434167	79.63%	6.312%
5	7.324	646	653	659	rBV	610730	1021433	33.42%	2.649%
6	7.389	659	664	671	rVV2	455647	842841	27.57%	2.186%
7	7.459	671	676	685	rVB	427996	729212	23.86%	1.891%
8	7.630	696	705	712	rBV	496990	842155	27.55%	2.184%
9	7.894	743	750	758	rVB	451982	790204	25.85%	2.049%
10	8.253	805	811	823	rVV3	144408	349842	11.44%	0.907%
11	8.364	823	830	844	rVB	638192	1113119	36.41%	2.886%
12	8.629	868	875	880	rBV	256066	446983	14.62%	1.159%
13	8.682	880	884	889	rVV	99436	173807	5.69%	0.451%
14	8.734	889	893	898	rVV	69536	119316	3.90%	0.309%
15	8.793	898	903	912	rVV	102399	173161	5.66%	0.449%
16	8.881	912	918	923	rVV	230488	403066	13.19%	1.045%
17	8.934	923	927	933	rVV2	103706	194397	6.36%	0.504%
18	9.011	933	940	944	rVV	100419	211141	6.91%	0.548%
19	9.052	944	947	959	rVB2	73953	162915	5.33%	0.422%
20	9.204	967	973	977	rBV	95862	156596	5.12%	0.406%
21	9.257	977	982	990	rVB	101493	180252	5.90%	0.467%
22	9.357	990	999	1004	rBV2	313857	556490	18.20%	1.443%
23	9.428	1004	1011	1022	rVB2	581368	1324347	43.32%	3.434%
24	9.692	1049	1056	1071	rVB2	91039	198796	6.50%	0.516%
25	9.886	1076	1089	1094	rBV	169748	318928	10.43%	0.827%
26	9.945	1094	1099	1105	rVV	207079	334981	10.96%	0.869%
27	10.103	1121	1126	1136	rBV4	49734	120295	3.94%	0.312%
28	10.227	1142	1147	1148	rVV	104197	142316	4.66%	0.369%
29	10.256	1148	1152	1157	rVV2	173607	327960	10.73%	0.850%
30	10.315	1157	1162	1173	rVB	134695	265447	8.68%	0.688%
31	10.462	1181	1187	1194	rVV2	410066	742308	24.28%	1.925%
32	10.638	1210	1217	1221	rVB4	28781	57450	1.88%	0.149%
33	10.703	1221	1228	1233	rBV2	121410	231187	7.56%	0.600%
34	10.761	1233	1238	1243	rVB	44504	75339	2.46%	0.195%
35	10.826	1243	1249	1260	rBV2	92152	181675	5.94%	0.471%
36	10.926	1260	1266	1273	rBV2	155078	298617	9.77%	0.774%

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101921\
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Acq On : 19 Oct 2021 17:50
Operator : CG/JU
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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 137-138

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-BG100621.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.020	1278	1282	1283	rVV	69662	98955	3.24%	0.257%
38	11.079	1284	1292	1296	rVV2	193825	532274	17.41%	1.380%
39	11.126	1296	1300	1306	rVV	234313	452234	14.79%	1.173%
40	11.179	1306	1309	1317	rVB2	65215	132366	4.33%	0.343%
41	11.508	1360	1365	1368	rBV	55300	96417	3.15%	0.250%
42	11.596	1376	1380	1385	rVB3	36884	63838	2.09%	0.166%
43	11.678	1385	1394	1400	rBV3	234390	509241	16.66%	1.321%
44	11.731	1400	1403	1407	rVV	46428	73026	2.39%	0.189%
45	11.866	1417	1426	1438	rBV2	92635	284518	9.31%	0.738%
46	11.978	1438	1445	1450	rBV3	71842	134921	4.41%	0.350%
47	12.166	1471	1477	1485	rVB3	73049	136793	4.48%	0.355%
48	12.254	1486	1492	1503	rBV5	90803	229295	7.50%	0.595%
49	12.442	1518	1524	1532	rBV3	131512	237386	7.77%	0.616%
50	12.548	1536	1542	1547	rVV4	49216	115933	3.79%	0.301%
51	12.601	1547	1551	1557	rVB2	69846	112532	3.68%	0.292%
52	12.712	1566	1570	1580	rVB2	91029	175821	5.75%	0.456%
53	12.930	1598	1607	1617	rBV6	140705	467303	15.29%	1.212%
54	13.024	1617	1623	1631	rVB6	83876	203457	6.66%	0.528%
55	13.223	1651	1657	1661	rBV6	35118	66981	2.19%	0.174%
56	13.282	1662	1667	1672	rVB	65778	105503	3.45%	0.274%
57	13.494	1697	1703	1709	rVV	1273531	2009320	65.73%	5.210%
58	13.635	1720	1727	1730	rVV	101516	202149	6.61%	0.524%
59	13.676	1730	1734	1741	rVB2	93873	188270	6.16%	0.488%
60	13.811	1753	1757	1764	rVB3	31459	72295	2.37%	0.187%
61	14.046	1792	1797	1801	rVV6	52084	104305	3.41%	0.270%
62	14.199	1809	1823	1827	rBV6	72488	279144	9.13%	0.724%
63	14.440	1860	1864	1869	rBV3	39446	58833	1.92%	0.153%
64	14.586	1886	1889	1896	rVB5	36873	59995	1.96%	0.156%
65	14.680	1901	1905	1909	rVV3	48095	68721	2.25%	0.178%
66	14.733	1910	1914	1918	rVV	74468	95475	3.12%	0.248%
67	14.786	1919	1923	1927	rVV4	40925	72363	2.37%	0.188%
68	14.868	1929	1937	1946	rVB	388255	713487	23.34%	1.850%
69	15.033	1961	1965	1975	rVB3	104843	222316	7.27%	0.576%
70	15.180	1986	1990	1993	rBV3	47721	73873	2.42%	0.192%
71	15.462	2034	2038	2043	rBV5	64726	130587	4.27%	0.339%
72	15.685	2071	2076	2082	rVB3	135711	207144	6.78%	0.537%
73	15.950	2118	2121	2129	rVB5	53530	106789	3.49%	0.277%
74	16.173	2155	2159	2166	rBV6	57850	102551	3.35%	0.266%
75	16.355	2183	2190	2198	rVB	996765	1583999	51.82%	4.108%
76	16.543	2218	2222	2230	rBV2	109205	174702	5.72%	0.453%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101921\
Data File : BG050639.D
Acq On : 19 Oct 2021 17:50
Operator : CG/JU
Sample : M4253-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 137-138

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	16.684	2242	2246	2255	rVB6	39249	83075	2.72%	0.215%
78	17.336	2353	2357	2362	rBV	110391	160055	5.24%	0.415%
79	17.389	2362	2366	2371	rVV3	38211	64548	2.11%	0.167%
80	17.618	2399	2405	2414	rVB	365827	618635	20.24%	1.604%
81	17.718	2418	2422	2426	rVB3	47605	74371	2.43%	0.193%
82	18.076	2479	2483	2489	rBV	96043	133305	4.36%	0.346%
83	18.476	2547	2551	2564	rVB2	162394	317069	10.37%	0.822%
84	18.758	2596	2599	2603	rBV	77425	91326	2.99%	0.237%
85	19.116	2657	2660	2668	rVB	49765	71270	2.33%	0.185%
86	19.381	2702	2705	2708	rBV	88253	97030	3.17%	0.252%
87	19.669	2751	2754	2758	rVB	105402	117822	3.85%	0.306%
88	19.733	2762	2765	2774	rVB2	64606	99808	3.27%	0.259%
89	19.957	2799	2803	2806	rBV	78159	95557	3.13%	0.248%
90	19.992	2806	2809	2812	rBV2	57602	66093	2.16%	0.171%
91	20.203	2839	2845	2851	rVB	2280464	3007644	98.39%	7.799%
92	20.480	2889	2892	2897	rVB	105490	126467	4.14%	0.328%
93	20.985	2974	2978	2982	rVB	145843	184219	6.03%	0.478%
94	21.514	3063	3068	3081	rVB	198805	341026	11.16%	0.884%
95	21.913	3130	3136	3142	rVB	373937	638932	20.90%	1.657%
96	22.084	3160	3165	3171	rVB	141444	207265	6.78%	0.537%
97	22.724	3269	3274	3284	rVB	121480	216632	7.09%	0.562%
98	23.453	3393	3398	3406	rVB	87143	171494	5.61%	0.445%
99	24.310	3537	3544	3554	rVB2	128080	298561	9.77%	0.774%
100	25.321	3706	3716	3728	rVB3	252767	776438	25.40%	2.013%

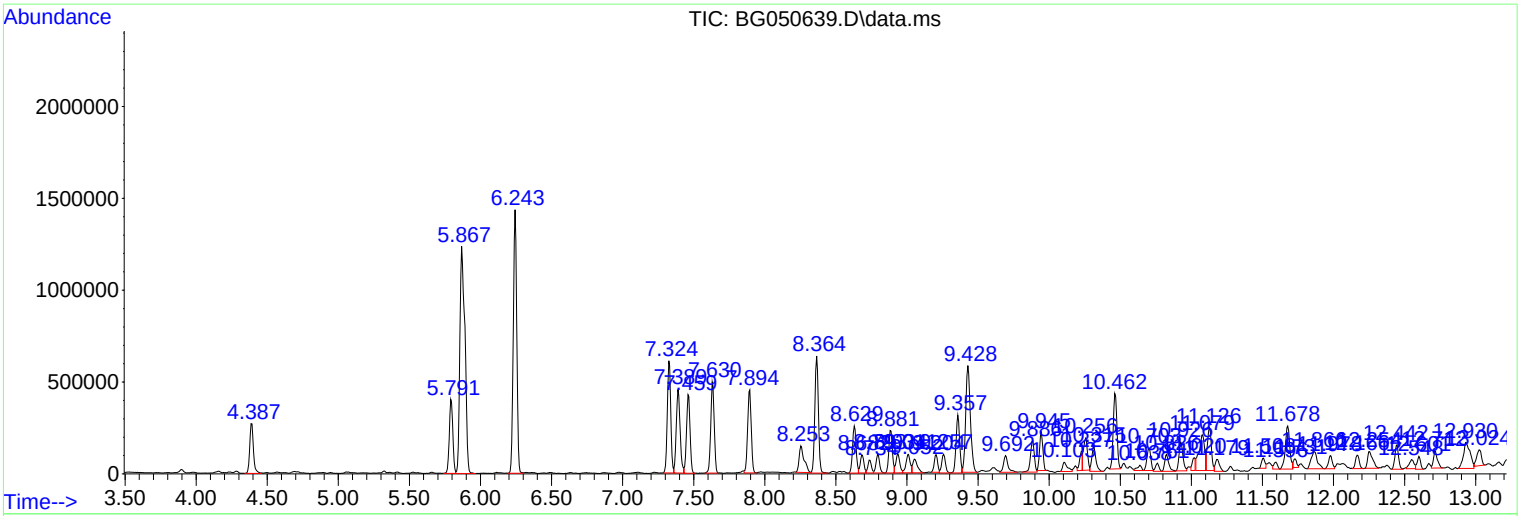
Sum of corrected areas: 38563254

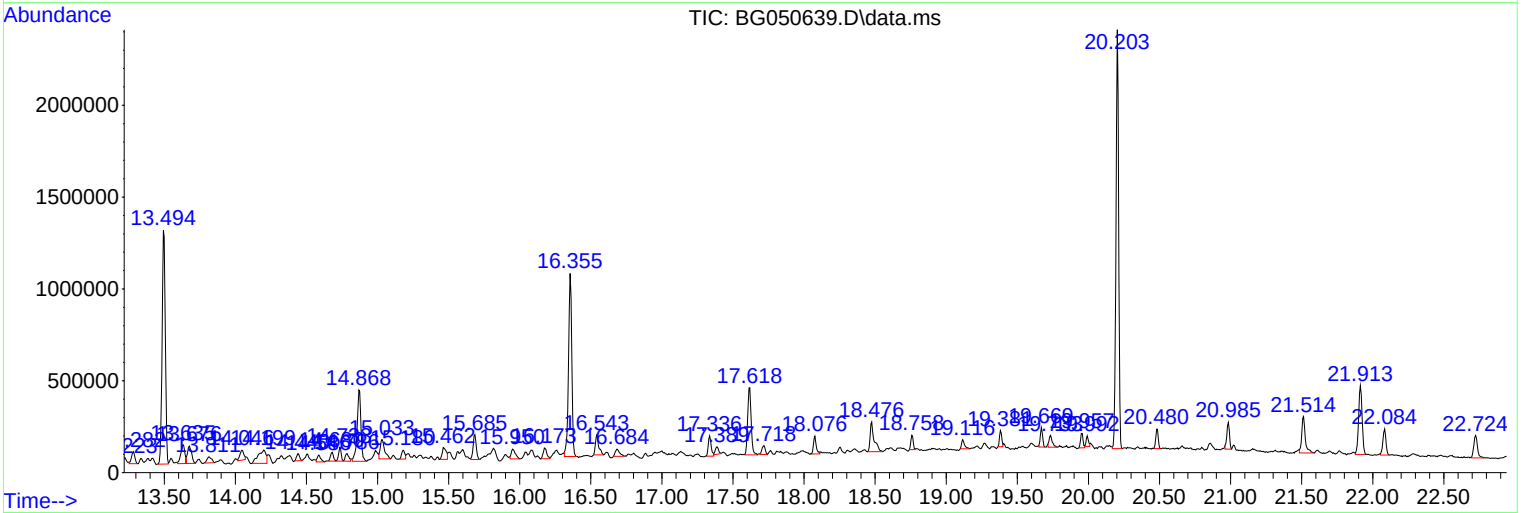
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101921\
Data File : BG050639.D
Acq On : 19 Oct 2021 17:50
Operator : CG/JU
Sample : M4253-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

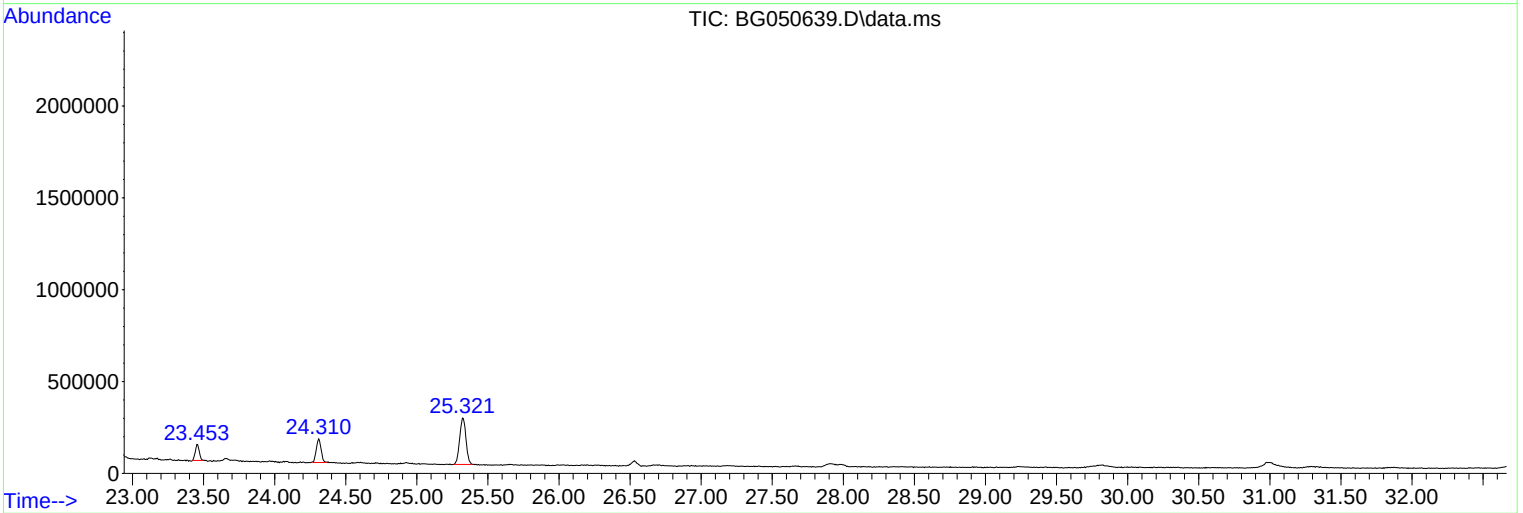
Instrument :
BNA_G
ClientSampleId :
137-138

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.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\BG101921\
Data File : BG050639.D
Acq On : 19 Oct 2021 17:50
Operator : CG/JU
Sample : M4253-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 137-138

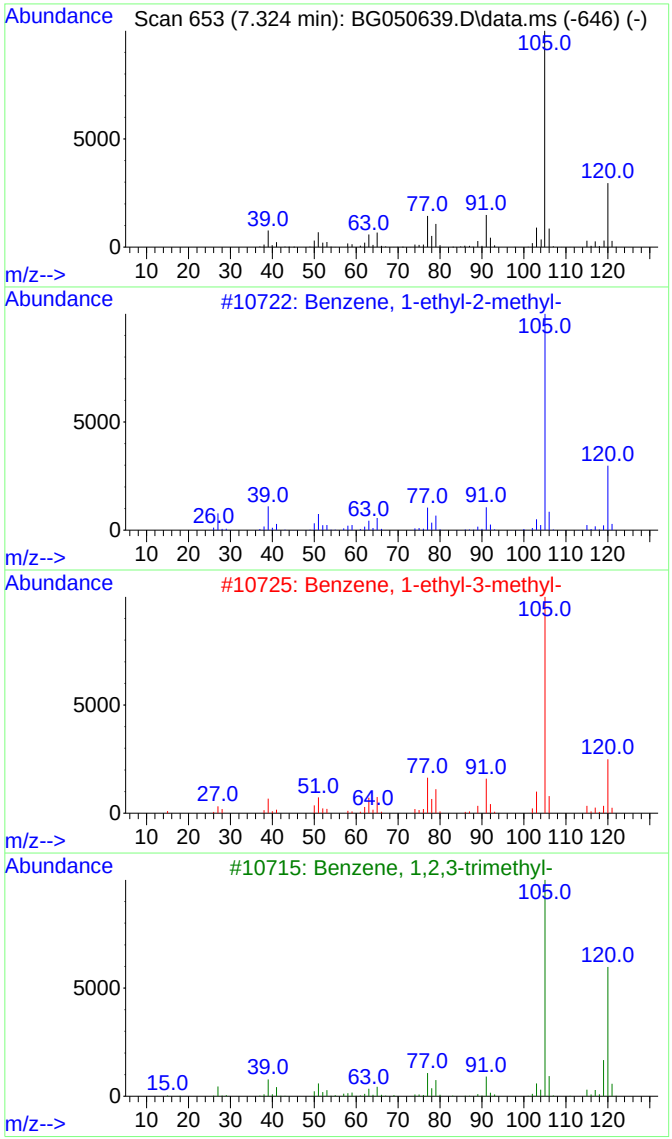
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

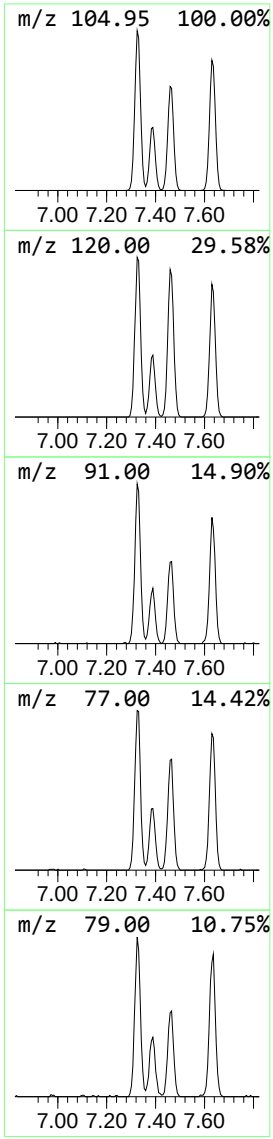
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, 1-ethyl-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.324	58.39 ng	1021430	1,4-Dichlorobenzene-d4	8.253

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	94
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Mesitylene	120	C9H12	000108-67-8	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101921\
Data File : BG050639.D
Acq On : 19 Oct 2021 17:50
Operator : CG/JU
Sample : M4253-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 137-138

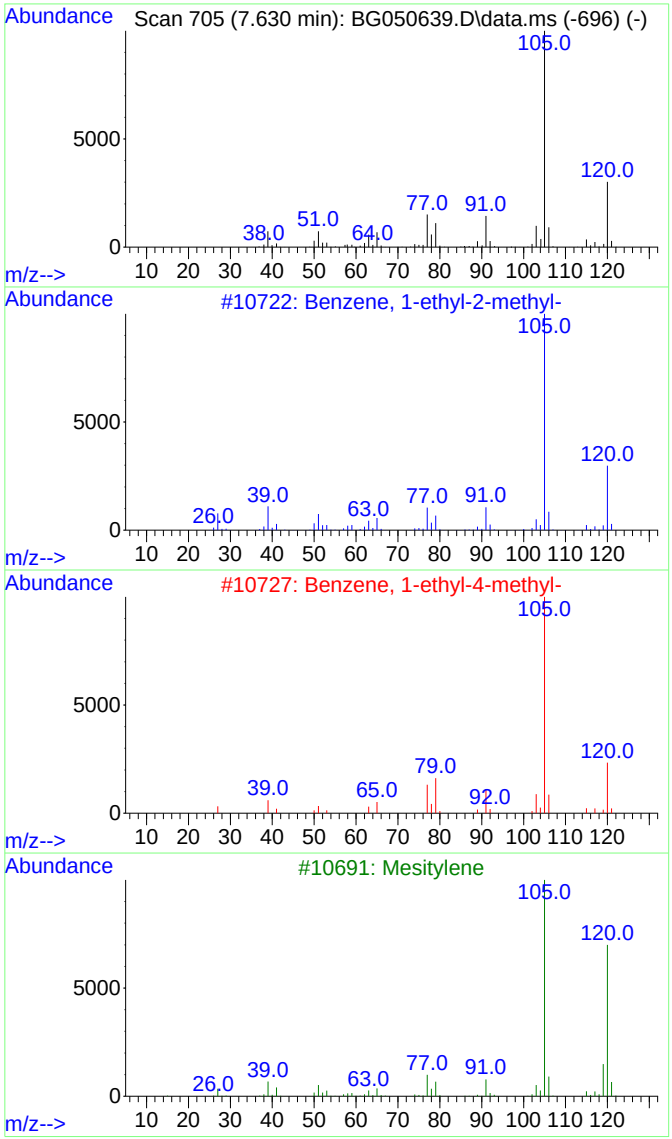
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

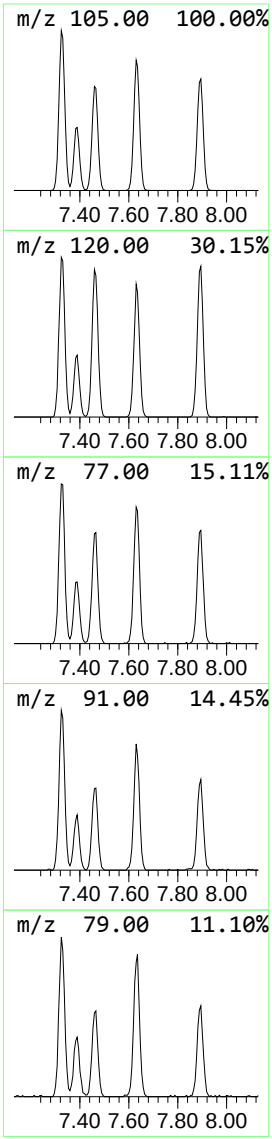
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 1-ethyl-4-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.630	48.14 ng	842155	1,4-Dichlorobenzene-d4	8.253

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
3	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101921\
Data File : BG050639.D
Acq On : 19 Oct 2021 17:50
Operator : CG/JU
Sample : M4253-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 137-138

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

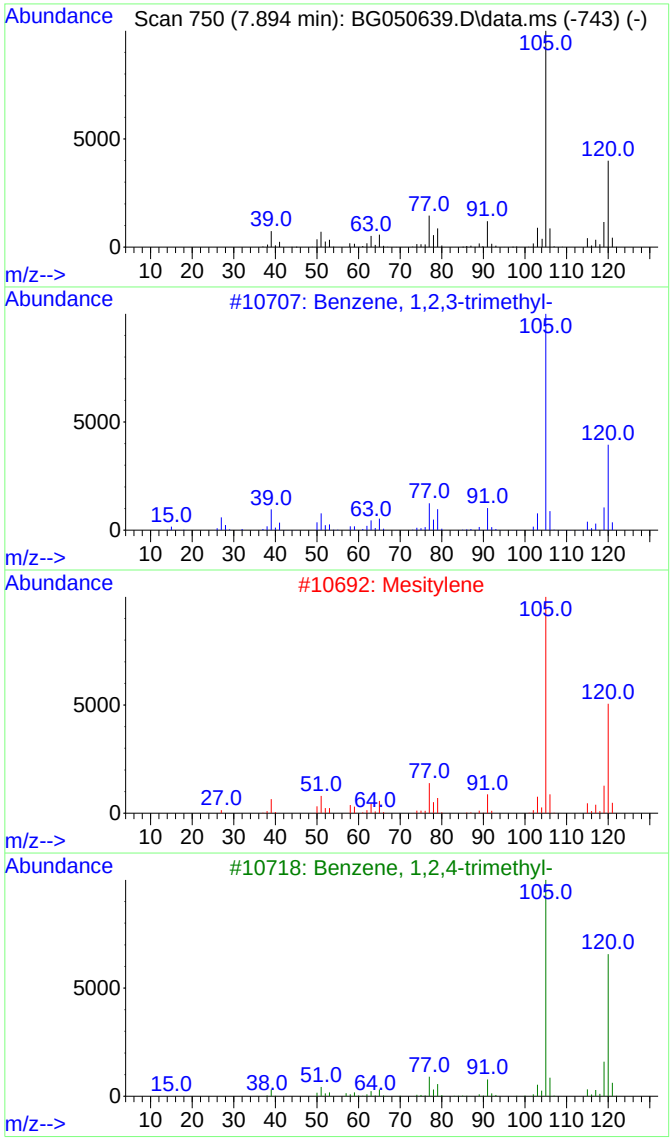
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

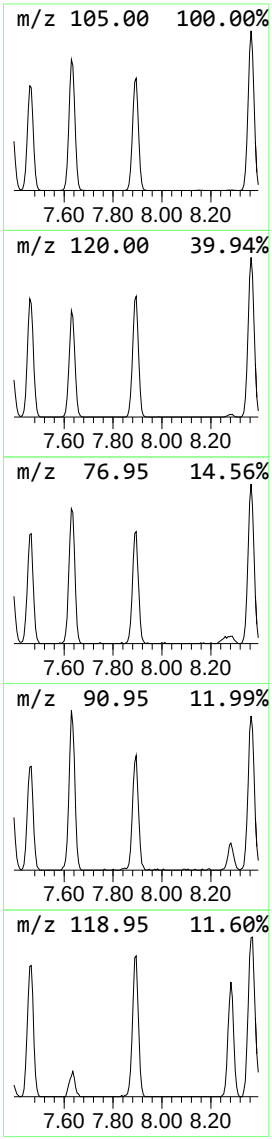
****

Peak Number 6 Benzene, 1,2,3-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.894	45.17 ng	790204	1,4-Dichlorobenzene-d4	8.253

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	97
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101921\
Data File : BG050639.D
Acq On : 19 Oct 2021 17:50
Operator : CG/JU
Sample : M4253-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 137-138

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

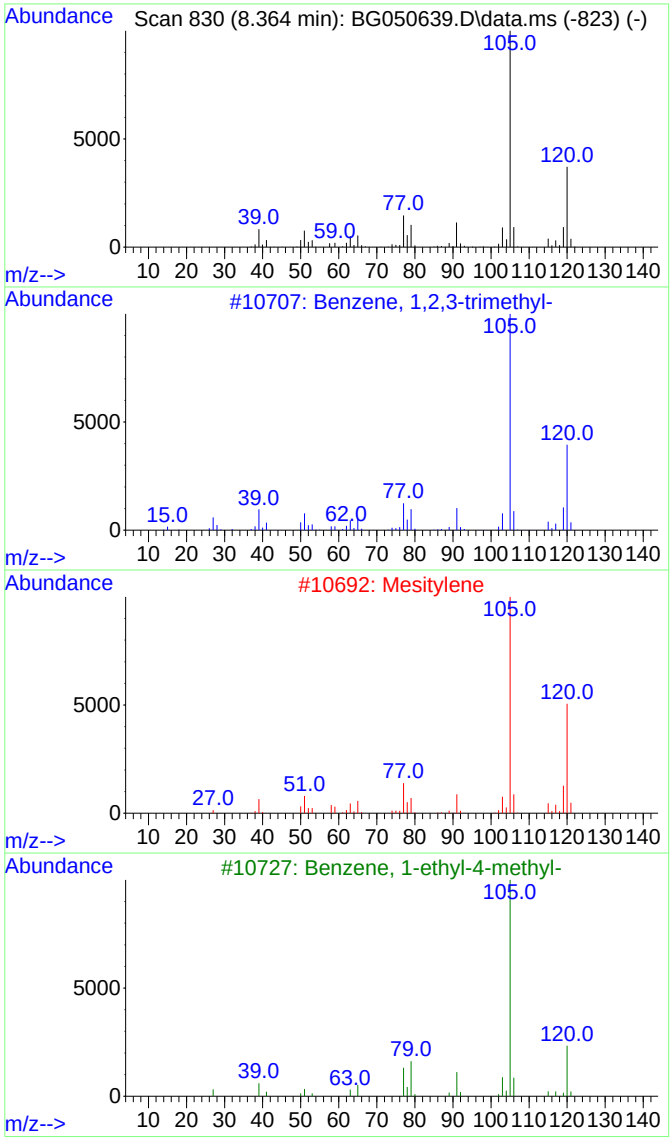
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

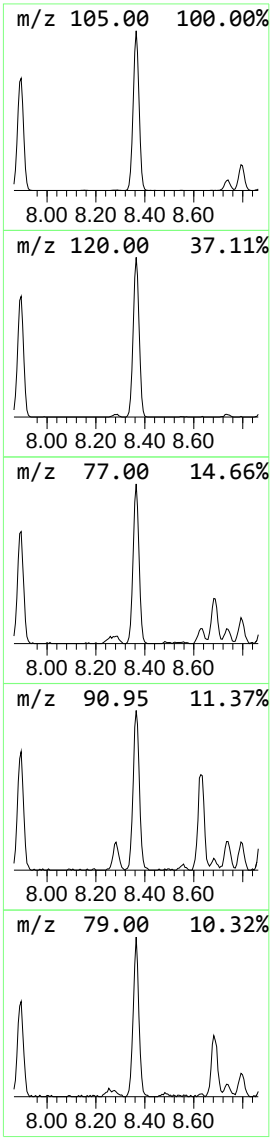
****

Peak Number 7 Mesitylene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.364	63.64 ng	1113120	1,4-Dichlorobenzene-d4	8.253

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-ethyl-4-methyl-	120	C9H12	000622-96-8	93
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101921\
Data File : BG050639.D
Acq On : 19 Oct 2021 17:50
Operator : CG/JU
Sample : M4253-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 137-138

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

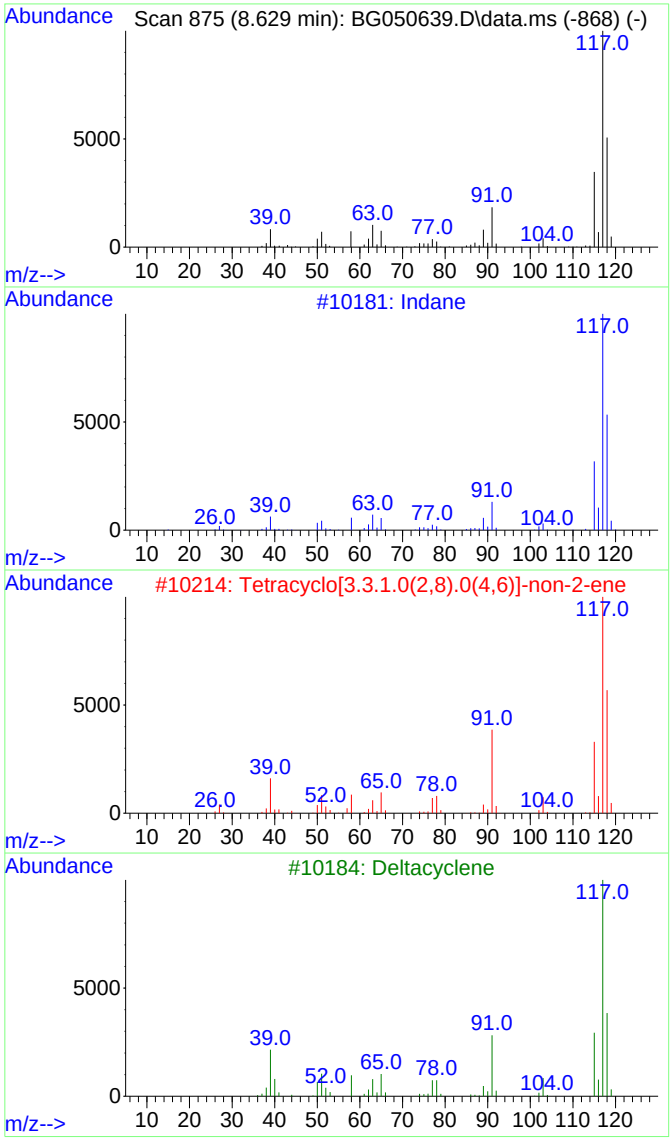
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

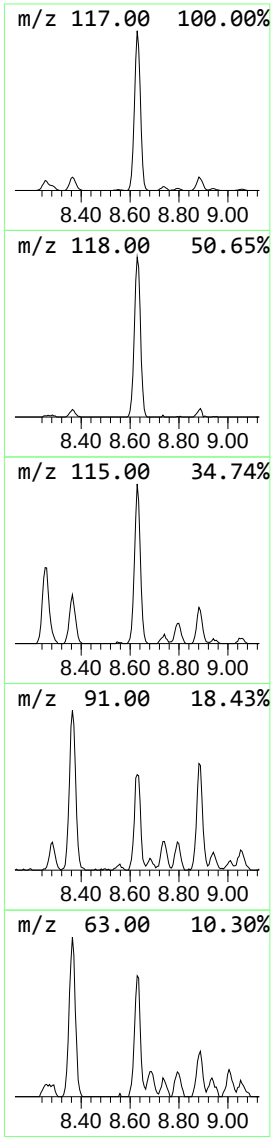
****

Peak Number 8 Indane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.629	25.55 ng	446983	1,4-Dichlorobenzene-d4	8.253

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	94
2	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	80
3	Deltacyclene	118	C9H10	007785-10-6	68
4	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	64
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	60





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Acq On : 19 Oct 2021 17:50
Operator : CG/JU
Sample : M4253-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 137-138

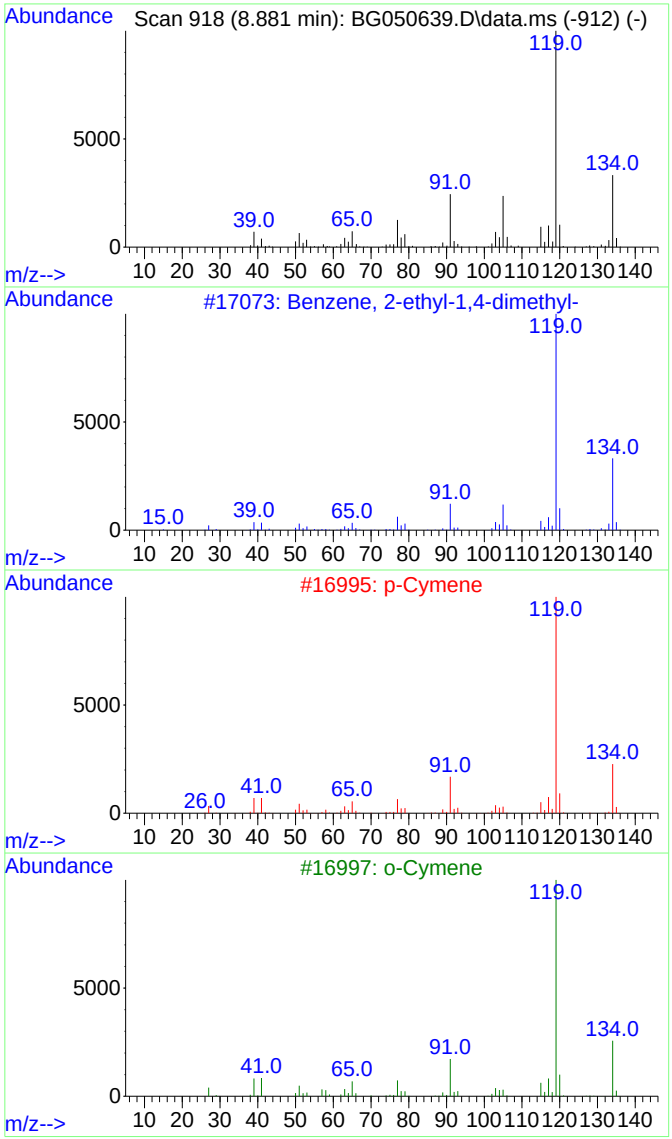
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

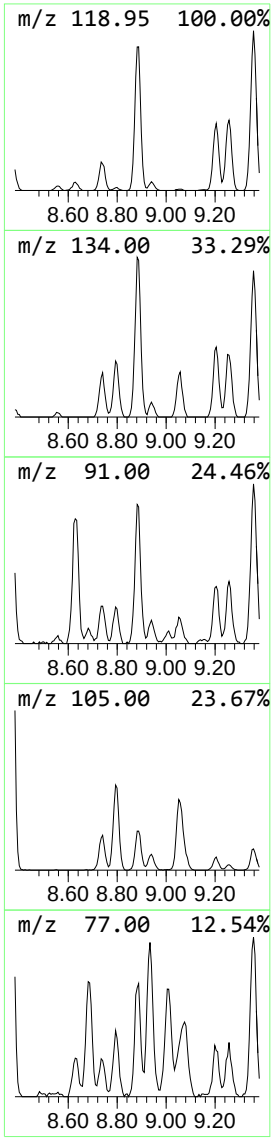
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.881	23.04 ng	403066	1,4-Dichlorobenzene-d4	8.253

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
2	p-Cymene	134	C10H14	000099-87-6	95
3	o-Cymene	134	C10H14	000527-84-4	95
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	94
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94





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Operator : CG/JU
Sample : M4253-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 137-138

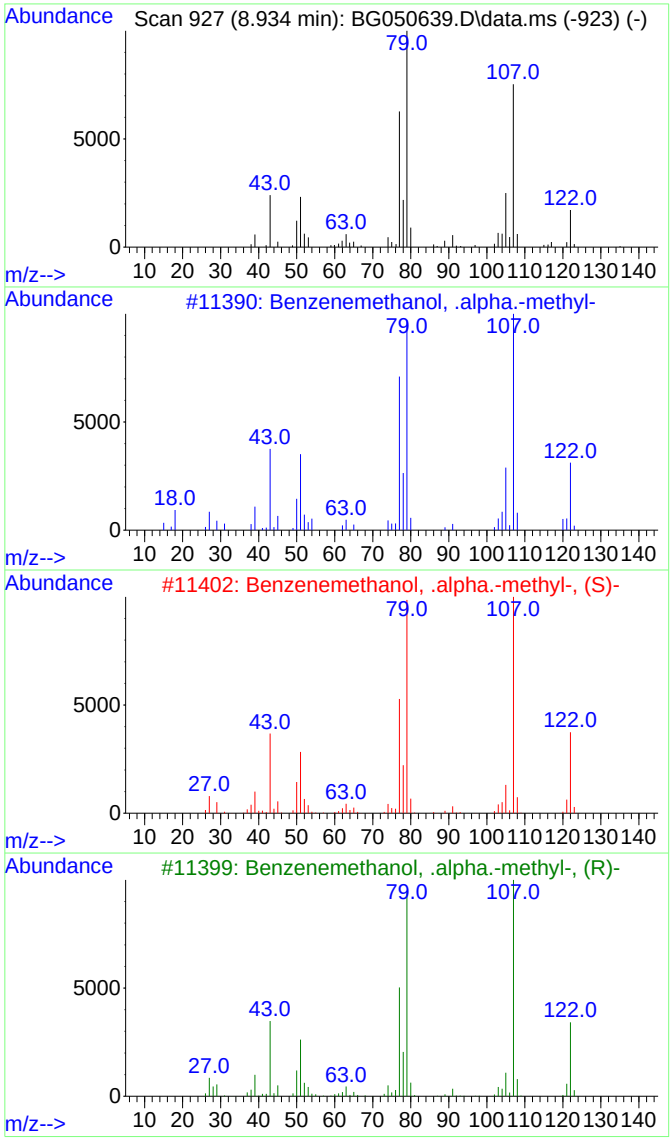
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

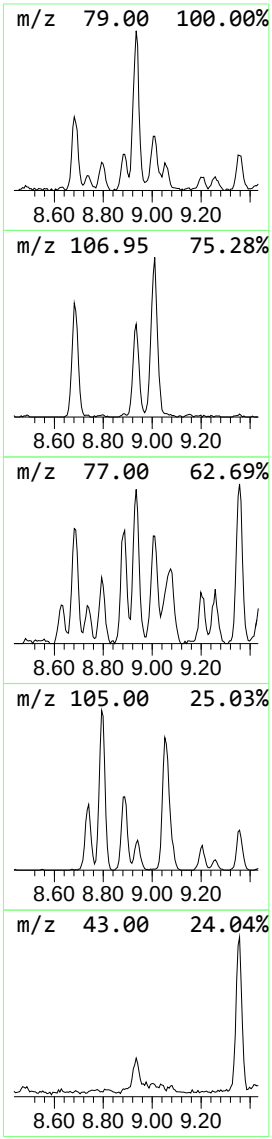
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzenemethanol, .alpha.-me... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.934	11.11 ng	194397	1,4-Dichlorobenzene-d4	8.253

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenemethanol, .alpha.-methyl-	122	C8H10O	000098-85-1	95
2	Benzenemethanol, .alpha.-methyl-...	122	C8H10O	001445-91-6	93
3	Benzenemethanol, .alpha.-methyl-...	122	C8H10O	001517-69-7	90
4	1-Hydroxy,1-phenyl-2-propanone	150	C9H10O2	1000222-86-8	72
5	1,2-Ethanediol, 1,2-diphenyl-, (...	214	C14H14O2	000655-48-1	72





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Misc :
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Instrument : BNA_G
ClientSampleId : 137-138

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

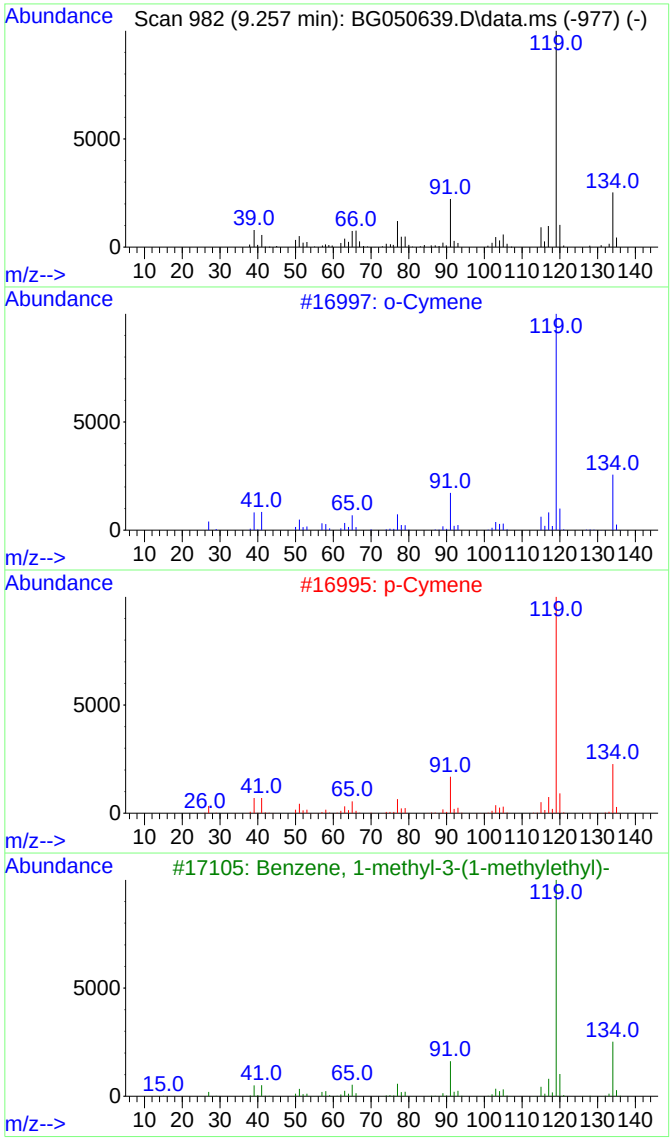
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

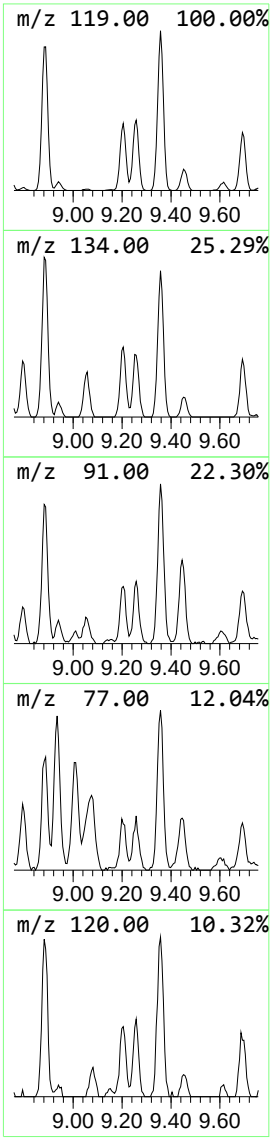
****

Peak Number 11 o-Cymene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.257	10.30 ng	180252	1,4-Dichlorobenzene-d4	8.253

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	95
2	p-Cymene	134	C10H14	000099-87-6	95
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
5	1,3,5-Cycloheptatriene, 3,7,7-tr...	134	C10H14	003479-89-8	94





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Acq On : 19 Oct 2021 17:50
Operator : CG/JU
Sample : M4253-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 137-138

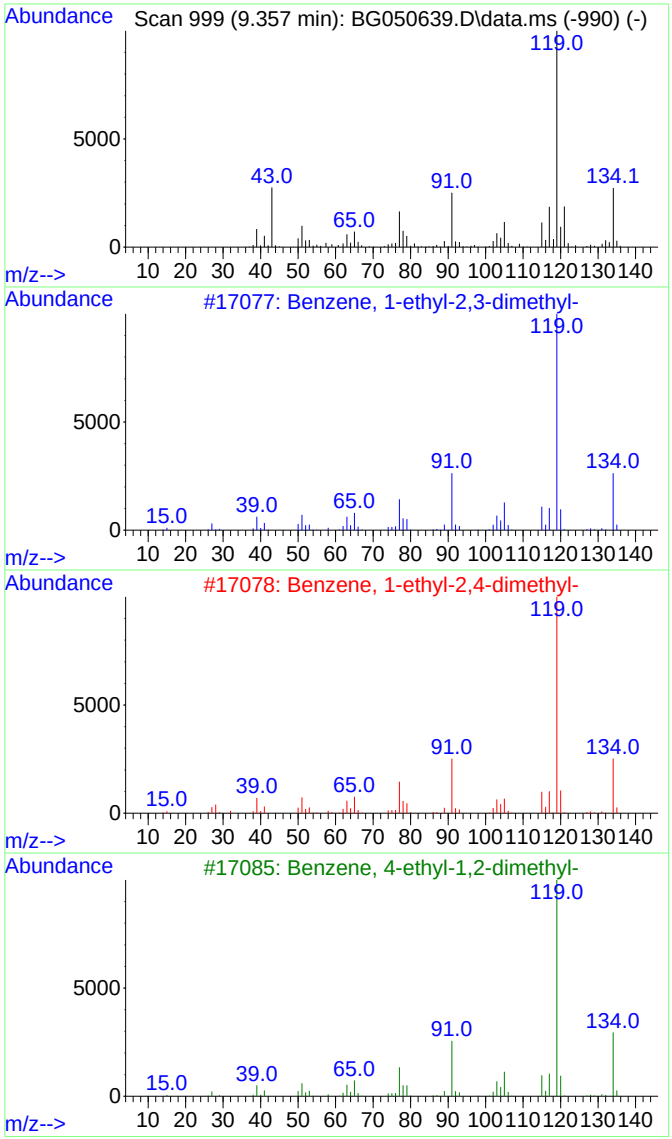
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

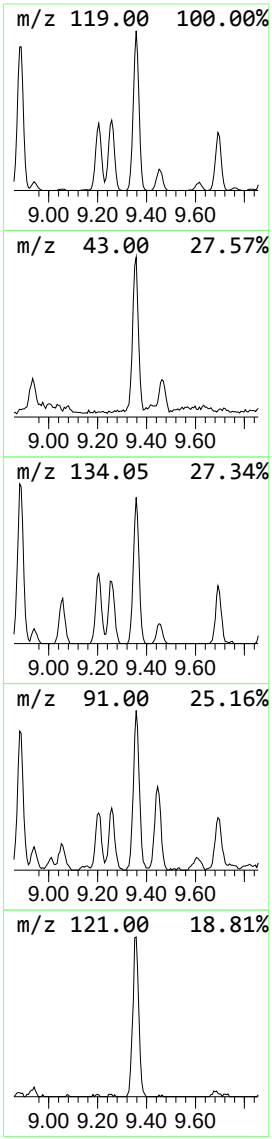
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.357	31.81 ng	556490	1,4-Dichlorobenzene-d4	8.253

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
2	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94
5	p-Cymene	134	C10H14	000099-87-6	93





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Operator : CG/JU
Sample : M4253-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 137-138

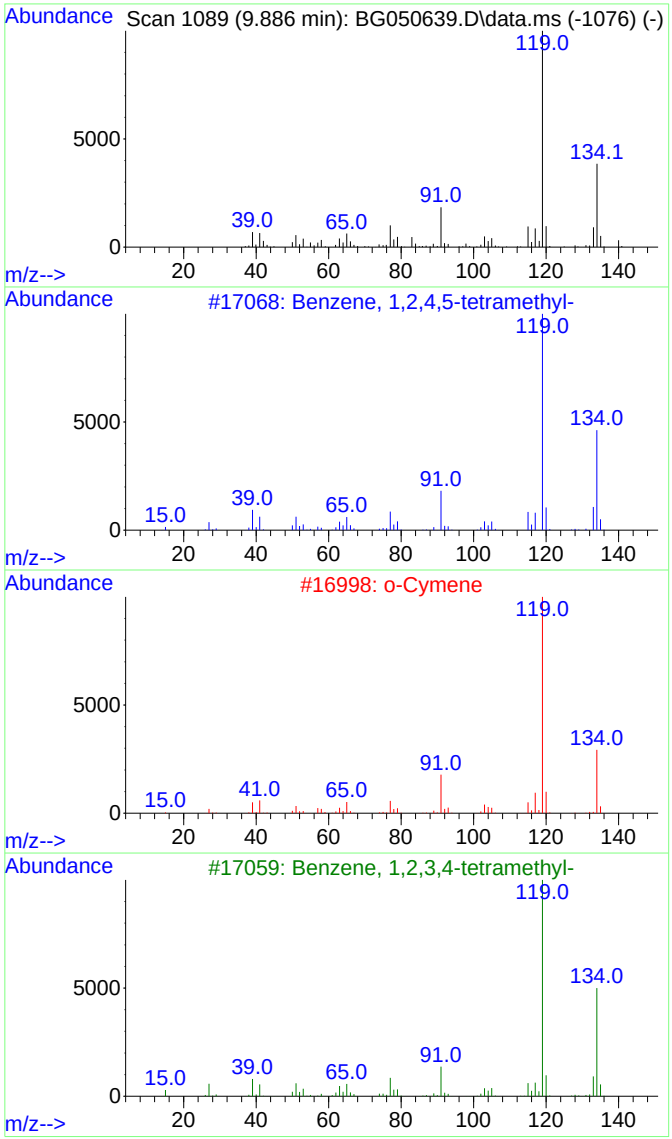
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

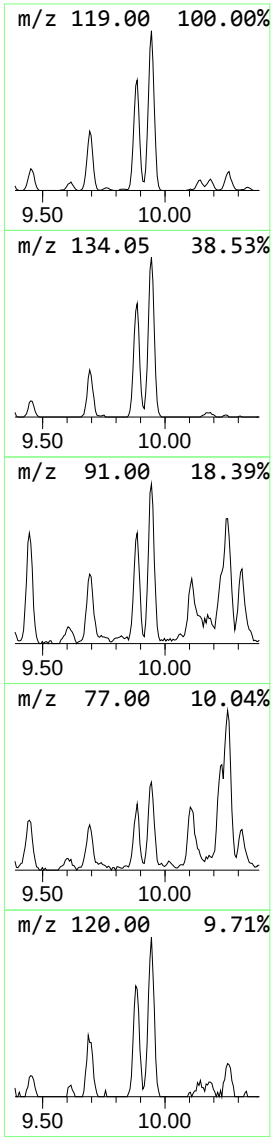
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.886	11.98 ng	318928	Naphthalene-d8	11.073

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2	o-Cymene	134	C10H14	000527-84-4	97
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
5	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	93





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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 137-138

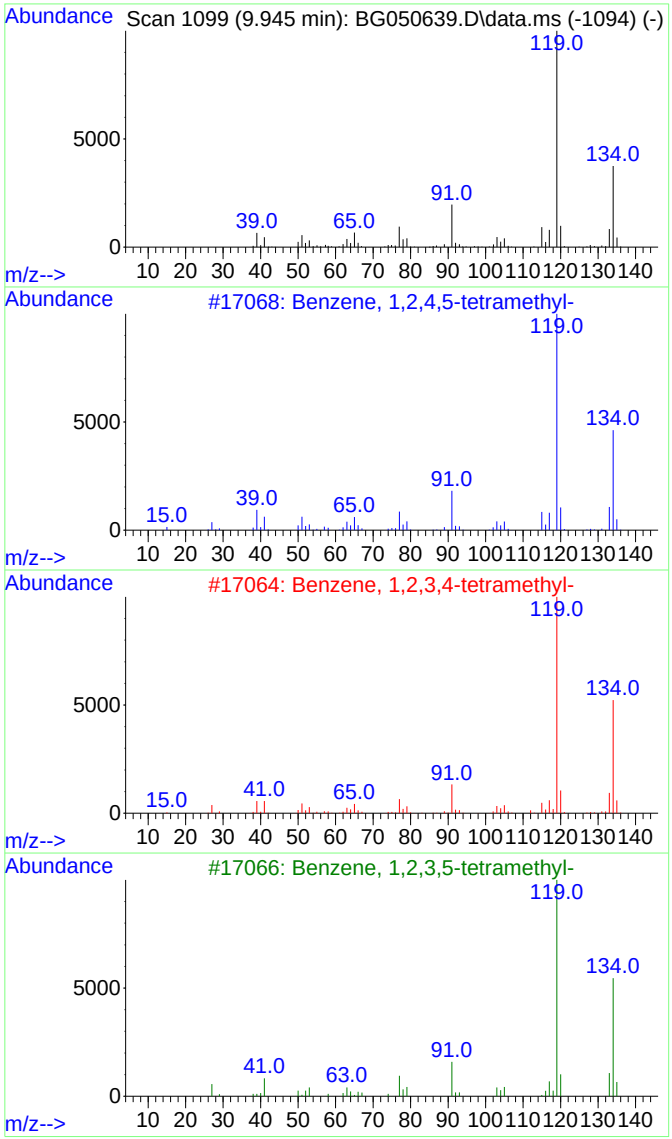
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

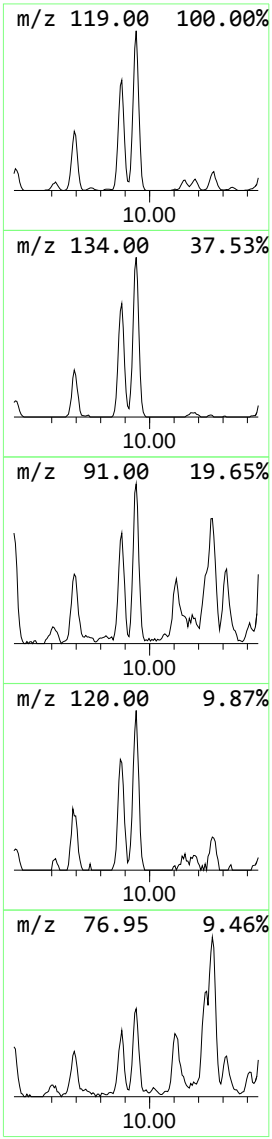
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.945	12.59 ng	334981	Naphthalene-d8	11.073

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	93
4	p-Cymene	134	C10H14	000099-87-6	91
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91





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Operator : CG/JU
Sample : M4253-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 137-138

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.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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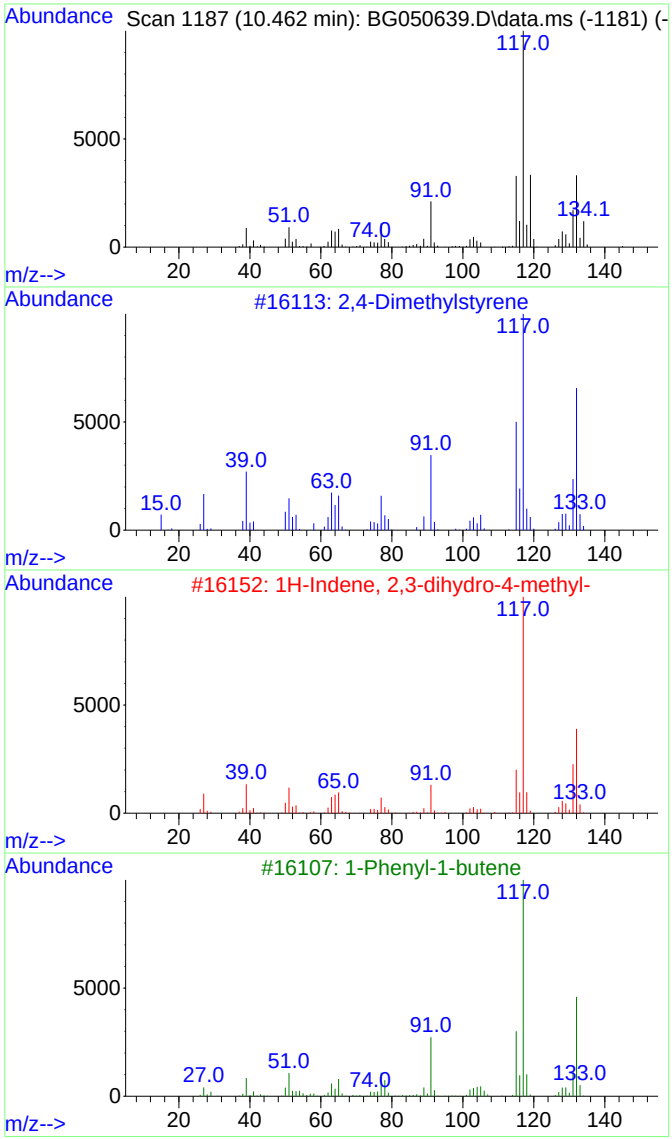
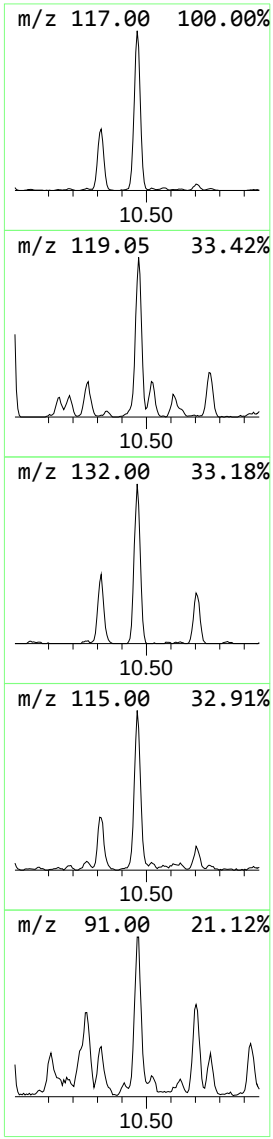
Peak Number 15 2,4-Dimethylstyrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.462	27.89 ng	742308	Naphthalene-d8	11.073

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Dimethylstyrene	132	C10H12	002234-20-0	95
2	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	93
3	1-Phenyl-1-butene	132	C10H12	000824-90-8	93
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	91
5	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	90





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Sample : M4253-11
Misc :
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Instrument : BNA_G
ClientSampleId : 137-138

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.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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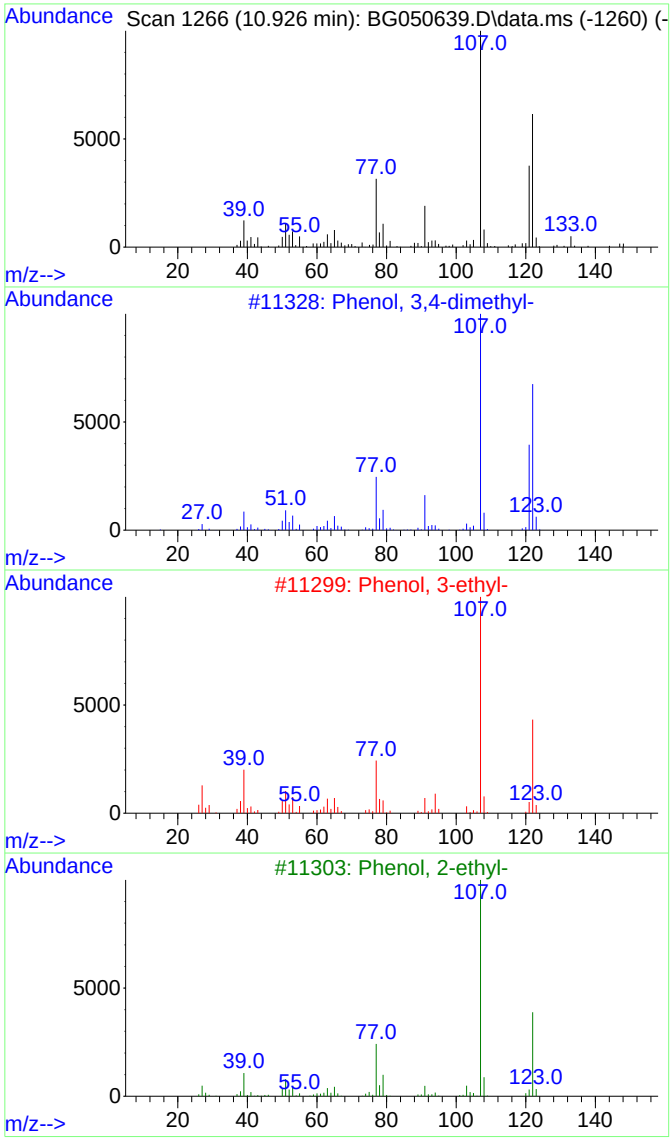
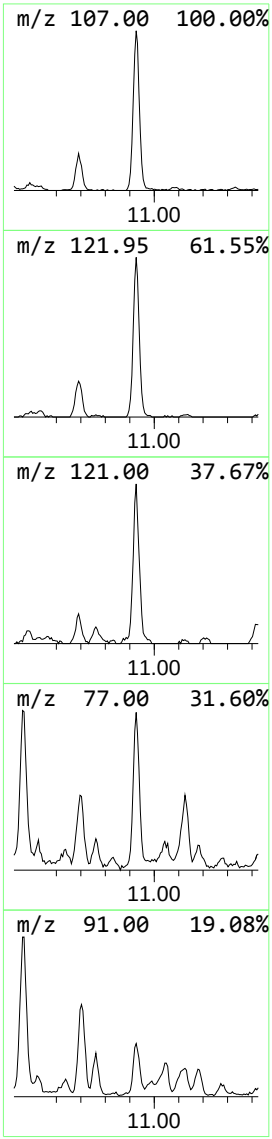
Peak Number 16 Phenol, 3,4-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.926	11.22 ng	298617	Naphthalene-d8	11.073

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	95
2	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	91
3	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	90
4	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	87
5	Phenol, 2,4-dimethyl-	122	C8H10O	000105-67-9	87





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Instrument : BNA_G
ClientSampleId : 137-138

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.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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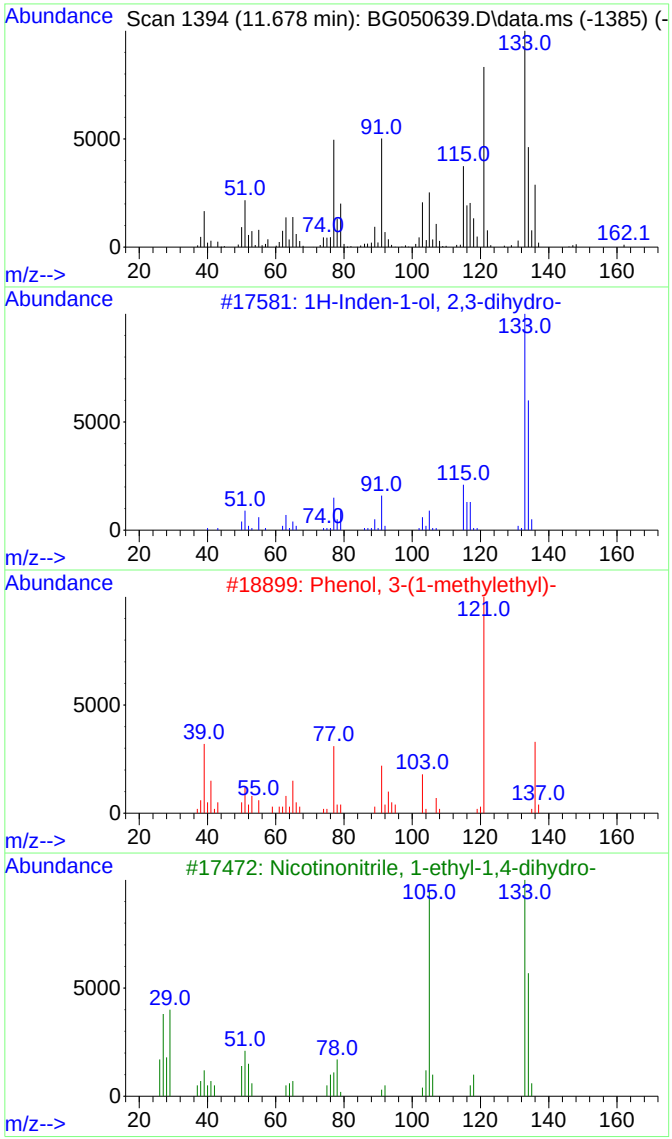
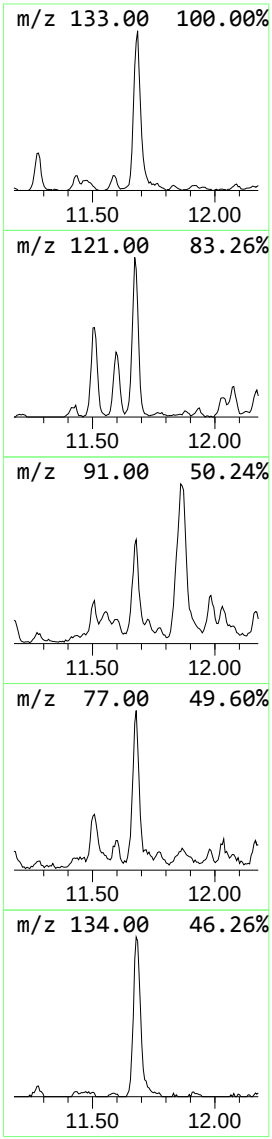
Peak Number 17 unknown11.678 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.678	19.13 ng	509241	Naphthalene-d8	11.073

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-1-ol, 2,3-dihydro-	134	C9H10O	006351-10-6	38
2	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	30
3	Nicotinonitrile, 1-ethyl-1,4-dih...	134	C8H10N2	019424-16-9	30
4	Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	27
5	2-Aminoindane	133	C9H11N	002975-41-9	25





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

TIC Library : C:\Database\NIST20.L
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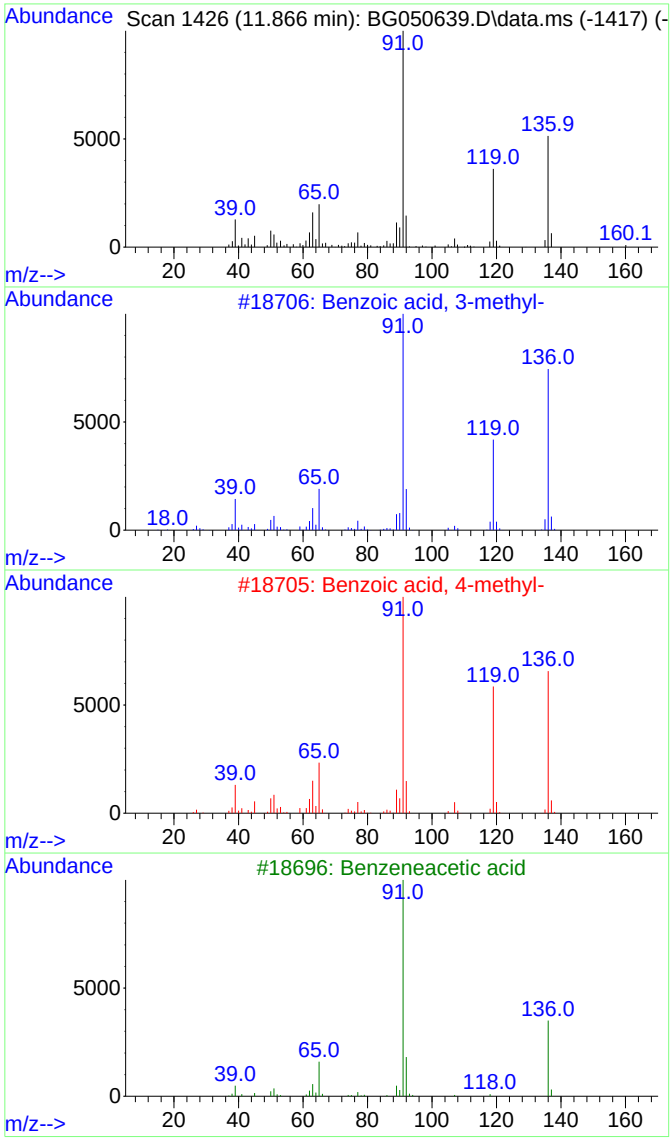
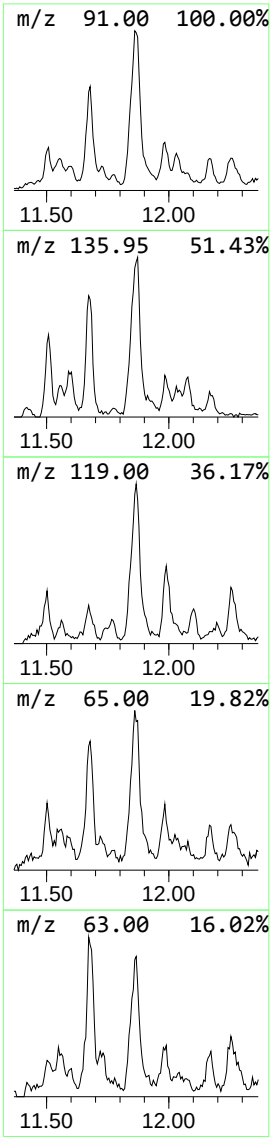
Peak Number 18 Benzoic acid, 3-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.866	10.69 ng	284518	Naphthalene-d8	11.073

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 3-methyl-	136	C8H8O2	000099-04-7	94
2	Benzoic acid, 4-methyl-	136	C8H8O2	000099-94-5	93
3	Benzeneacetic acid	136	C8H8O2	000103-82-2	68
4	Cycloheptatrienylium, iodide	218	C7H7I	001316-80-9	38
5	3,5,6-Trichloro-2-pyridyl .alpha...	351	C12H8Cl3NO3S	058236-69-4	35





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ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
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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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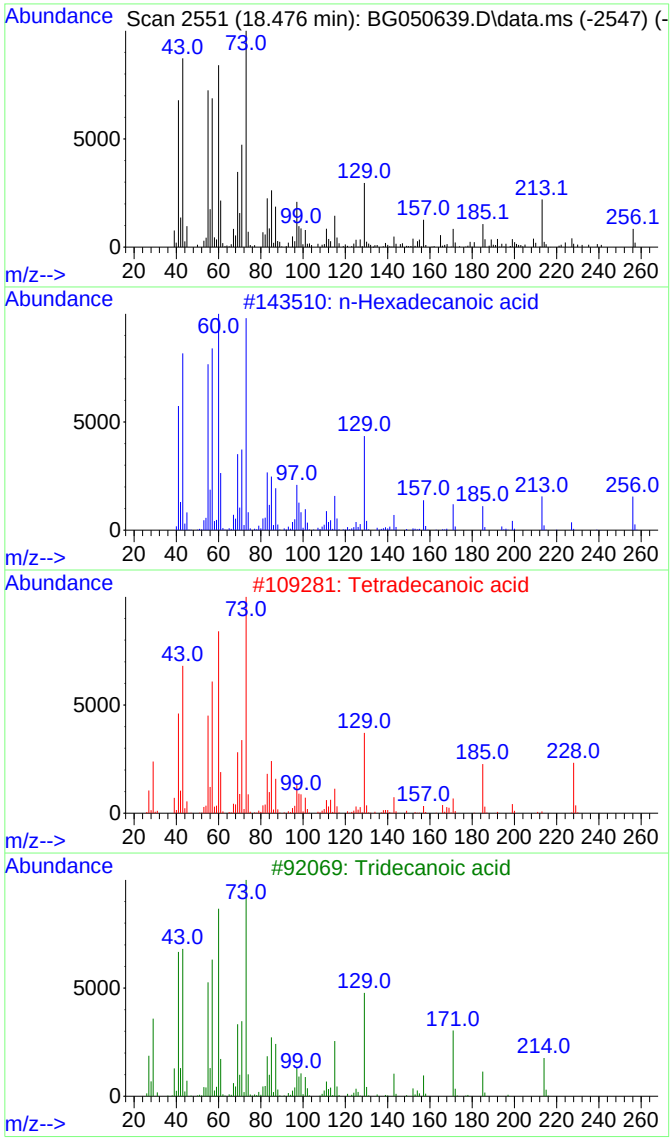
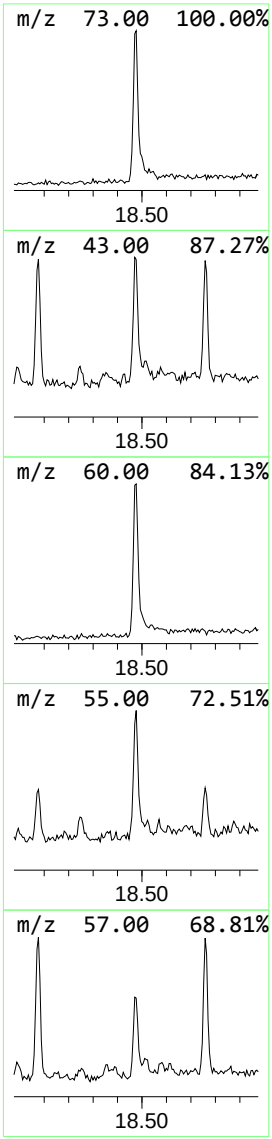
Peak Number 19 n-Hexadecanoic acid Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.476	10.25 ng	317069	Phenanthrene-d10	17.618

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	89
3	Tridecanoic acid	214	C13H26O2	000638-53-9	89
4	Dodecanoic acid	200	C12H24O2	000143-07-7	70
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	62





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Data File : BG050639.D
Acq On : 19 Oct 2021 17:50
Operator : CG/JU
Sample : M4253-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 137-138

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

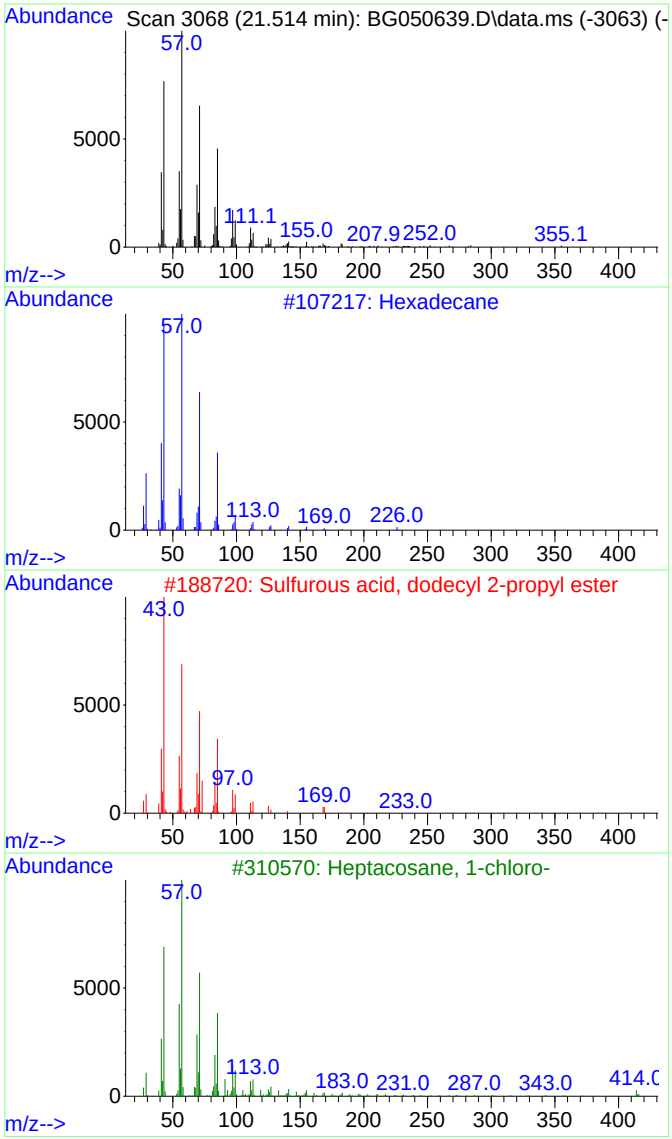
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

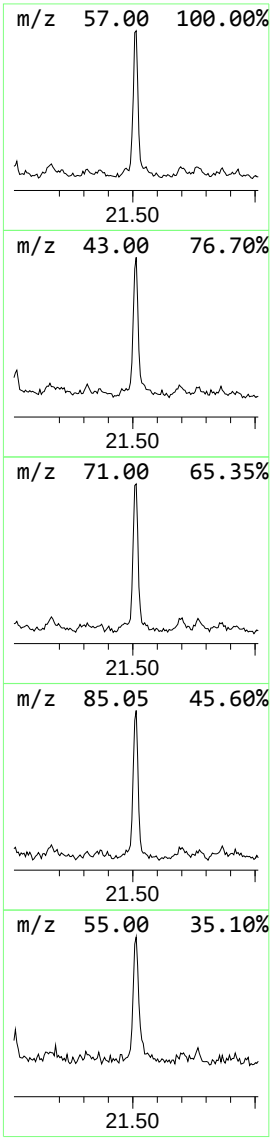
****

Peak Number 20 Hexadecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.514	10.67 ng	341026	Chrysene-d12	21.913

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	94
2	Sulfurous acid, dodecyl 2-propyl...	292	C15H32O3S	1000309-12-3	90
3	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	90
4	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1010309-12-5	87
5	Sulfurous acid, pentadecyl 2-pro...	334	C18H38O3S	1000309-12-6	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101921\
Data File : BG050639.D
Acq On : 19 Oct 2021 17:50
Operator : CG/JU
Sample : M4253-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 137-138

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.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
Benzene, 1-ethy...	7.324	58.4	ng	1021430	1	8.253	349842	20.0
Benzene, 1-ethy...	7.630	48.1	ng	842155	1	8.253	349842	20.0
Benzene, 1,2,3-...	7.894	45.2	ng	790204	1	8.253	349842	20.0
Mesitylene	8.364	63.6	ng	1113120	1	8.253	349842	20.0
Indane	8.629	25.6	ng	446983	1	8.253	349842	20.0
Benzene, 2-ethy...	8.881	23.0	ng	403066	1	8.253	349842	20.0
Benzenemethanol...	8.934	11.1	ng	194397	1	8.253	349842	20.0
o-Cymene	9.257	10.3	ng	180252	1	8.253	349842	20.0
Benzene, 1-ethy...	9.357	31.8	ng	556490	1	8.253	349842	20.0
Benzene, 1,2,4,...	9.886	12.0	ng	318928	2	11.073	532274	20.0
Benzene, 1,2,3,...	9.945	12.6	ng	334981	2	11.073	532274	20.0
2,4-Dimethylsty...	10.462	27.9	ng	742308	2	11.073	532274	20.0
Phenol, 3,4-dim...	10.926	11.2	ng	298617	2	11.073	532274	20.0
unknown11.678	11.678	19.1	ng	509241	2	11.073	532274	20.0
Benzoic acid, 3...	11.866	10.7	ng	284518	2	11.073	532274	20.0
n-Hexadecanoic ...	18.476	10.3	ng	317069	4	17.618	618635	20.0
Hexadecane	21.514	10.7	ng	341026	5	21.913	638932	20.0