LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111121\
Data File : BP007952.D
Acq On : 11 Nov 2021 18:56
Operator : CG/JU
Sample : M4630-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-13S-5.0

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_P\Methods\8270E-BP110221.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP007952.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.952	107	113	122	rVB2	577203	1169241	3.35%	0.164%
2	4.052	122	130	140	rVB	571737	1113144	3.19%	0.157%
3	4.228	153	160	163	rBV	652657	1072902	3.08%	0.151%
4	4.799	248	257	263	rBV	1368522	2336761	6.70%	0.329%
5	4.893	269	273	279	rBV	1073739	2036319	5.84%	0.286%
6	4.999	287	291	296	rVB	1425895	2161825	6.20%	0.304%
7	5.058	296	301	307	rBV	2408936	4020276	11.53%	0.565%
8	5.217	324	328	333	rBV	1334454	2077850	5.96%	0.292%
9	5.311	337	344	347	rBV2	2368175	4855872	13.93%	0.683%
10	5.440	356	366	378	rVB2	6041572	11904409	34.15%	1.674%
11	5.552	378	385	395	rVB4	783796	1844515	5.29%	0.259%
12	5.664	395	404	410	rBV2	1356208	2725395	7.82%	0.383%
13	5.734	410	416	425	rBV2	2362023	6111355	17.53%	0.859%
14	5.817	425	430	435	rVV	3852027	6213091	17.82%	0.874%
15	5.881	435	441	448	rVB	5351717	9963710	28.58%	1.401%
16	5.958	448	454	463	rBV2	1665971	2931491	8.41%	0.412%
17	6.046	463	469	476	rVB2	839216	1600256	4.59%	0.225%
18	6.140	476	485	492	rBV4	5612881	14443136	41.43%	2.031%
19	6.264	498	506	512	rVB2	3095972	7362307	21.12%	1.035%
20	6.358	515	522	528	rBV3	5909729	13493801	38.71%	1.898%
21	6.434	528	535	539	rBV	8121998	14655110	42.04%	2.061%
22	6.505	539	547	550	rVV3	8142436	18902490	54.23%	2.658%
23	6.540	550	553	559	rVB	6269167	9609619	27.57%	1.351%
24	6.622	559	567	572	rVB2	2150731	4122466	11.83%	0.580%
25	6.681	572	577	583	rVB5	2497766	4607163	13.22%	0.648%
26	6.769	583	592	597	rBV3	4449314	11525331	33.06%	1.621%
27	6.840	597	604	605	rBV2	5388169	9565520	27.44%	1.345%
28	6.869	606	609	613	rVB	7548038	10927810	31.35%	1.537%
29	6.922	613	618	622	rBV	4769109	7078478	20.31%	0.995%
30	6.964	622	625	628	rBV3	1953562	2646478	7.59%	0.372%
31	7.028	628	636	642	rVB3	8528560	22265842	63.88%	3.131%
32	7.087	642	646	650	rVB	1655550	2405580	6.90%	0.338%
33	7.193	659	664	669	rVB4	2461391	4564140	13.09%	0.642%
34	7.252	669	674	677	rBV3	2877420	4254099	12.20%	0.598%
35	7.287	677	680	683	rBV2	1105794	1516429	4.35%	0.213%
36	7.358	683	692	697	rBV	4800744	12098247	34.71%	1.701%

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Sample : M4630-09
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Instrument :
BNA_P
ClientSampleId :
SB-13S-5.0

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_P\Methods\8270E-BP110221.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	7.428	701	704	712	rVB4	3137456	6707921	19.24%	0.943%
38	7.511	712	718	724	rBV2	15138366	34857753	100.00%	4.902%
39	7.593	729	732	737	rVB3	2540547	3892016	11.17%	0.547%
40	7.640	737	740	743	rVB	1172689	1280815	3.67%	0.180%
41	7.687	743	748	750	rBV4	2554217	4475694	12.84%	0.629%
42	7.769	757	762	764	rBV2	3641384	5475327	15.71%	0.770%
43	7.869	771	779	783	rVB	12890118	25569639	73.35%	3.596%
44	7.911	783	786	787	rBV	1136149	1333439	3.83%	0.188%
45	7.946	787	792	795	rVV3	3282884	7239505	20.77%	1.018%
46	7.987	795	799	806	rVV2	5732428	12276104	35.22%	1.726%
47	8.069	807	813	817	rVV3	5199608	9799218	28.11%	1.378%
48	8.163	821	829	836	rVV4	8140394	21429197	61.48%	3.014%
49	8.222	836	839	847	rVB3	3148164	5506112	15.80%	0.774%
50	8.316	850	855	859	rBV3	2509040	4111499	11.80%	0.578%
51	8.363	859	863	865	rVV2	1790619	2709644	7.77%	0.381%
52	8.416	866	872	878	rVV3	8431863	16956178	48.64%	2.385%
53	8.469	878	881	884	rVV	3893612	5300478	15.21%	0.745%
54	8.511	884	888	891	rVV2	6138768	10029346	28.77%	1.410%
55	8.546	891	894	904	rVB2	6494198	12383706	35.53%	1.742%
56	8.646	905	911	914	rBV	5891665	10576524	30.34%	1.487%
57	8.705	918	921	925	rVB	3659444	4978288	14.28%	0.700%
58	8.822	937	941	945	rBV	3141470	4732243	13.58%	0.665%
59	8.875	945	950	957	rVB	4560041	8754326	25.11%	1.231%
60	8.981	958	968	973	rBV3	10920419	26897187	77.16%	3.783%
61	9.069	978	983	986	rVV4	4850236	10128380	29.06%	1.424%
62	9.122	986	992	999	rVB	11895712	23560205	67.59%	3.313%
63	9.228	999	1010	1016	rBV7	6523838	20395625	58.51%	2.868%
64	9.310	1016	1024	1027	rBV2	3513373	7876009	22.59%	1.108%
65	9.363	1030	1033	1039	rVB4	3866785	6295689	18.06%	0.885%
66	9.522	1052	1060	1063	rBV2	2918898	7141317	20.49%	1.004%
67	9.563	1063	1067	1070	rVV	2621716	3506765	10.06%	0.493%
68	9.757	1094	1100	1103	rBV3	2159879	3877374	11.12%	0.545%
69	9.799	1103	1107	1112	rVB2	4428525	6629635	19.02%	0.932%
70	9.852	1112	1116	1124	rVB4	4833621	10306320	29.57%	1.449%
71	9.952	1124	1133	1137	rVB4	3261532	8806728	25.26%	1.238%
72	10.022	1137	1145	1148	rBV3	3802383	6345145	18.20%	0.892%
73	10.075	1148	1154	1157	rBV2	4934258	9091741	26.08%	1.279%
74	10.205	1171	1176	1180	rBV2	2166311	3828336	10.98%	0.538%
75	10.252	1181	1184	1188	rVV4	1604932	2686833	7.71%	0.378%
76	10.293	1188	1191	1198	rVB	1417200	2185525	6.27%	0.307%

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Sample : M4630-09
Misc :
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Instrument :
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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	10.363	1198	1203	1207	rBV	1594939	2625276	7.53%	0.369%
78	10.446	1213	1217	1222	rVB4	775681	1433110	4.11%	0.202%
79	10.534	1227	1232	1234	rVV3	1316727	2278333	6.54%	0.320%
80	10.569	1234	1238	1243	rVV4	1555239	3443636	9.88%	0.484%
81	10.646	1244	1251	1257	rVV3	7758852	15442762	44.30%	2.172%
82	10.710	1257	1262	1270	rVV	2696852	6543008	18.77%	0.920%
83	10.781	1270	1274	1278	rVV3	1386553	2719424	7.80%	0.382%
84	10.834	1278	1283	1287	rVV	3252221	5153196	14.78%	0.725%
85	10.887	1287	1292	1300	rVV3	993294	1984990	5.69%	0.279%
86	10.957	1300	1304	1310	rVB4	674585	1305115	3.74%	0.184%
87	11.075	1320	1324	1331	rVV6	454974	1095617	3.14%	0.154%
88	11.363	1363	1373	1381	rVV6	1171000	3382361	9.70%	0.476%
89	11.581	1402	1410	1417	rVB6	645025	1640442	4.71%	0.231%
90	11.693	1423	1429	1438	rBV2	1327666	2792995	8.01%	0.393%
91	12.087	1490	1496	1506	rBV	1903776	2954690	8.48%	0.416%
92	12.310	1526	1534	1541	rVB2	1195009	2227194	6.39%	0.313%
93	13.110	1663	1670	1677	rVB	4236757	6064100	17.40%	0.853%
94	14.487	1896	1904	1910	rVB	931358	1429312	4.10%	0.201%
95	15.981	2151	2158	2166	rBV	4097654	5803811	16.65%	0.816%
96	17.239	2366	2372	2377	rBV	1255458	1815662	5.21%	0.255%
97	19.810	2803	2809	2814	rVB	9414080	11519661	33.05%	1.620%
98	21.333	3063	3068	3073	rBV	2067470	2742013	7.87%	0.386%
99	23.745	3471	3478	3485	rVB	1564226	3168429	9.09%	0.446%
100	25.245	3728	3733	3743	rVB3	584143	1412119	4.05%	0.199%

Sum of corrected areas: 711093500

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Data File : BP007952.D
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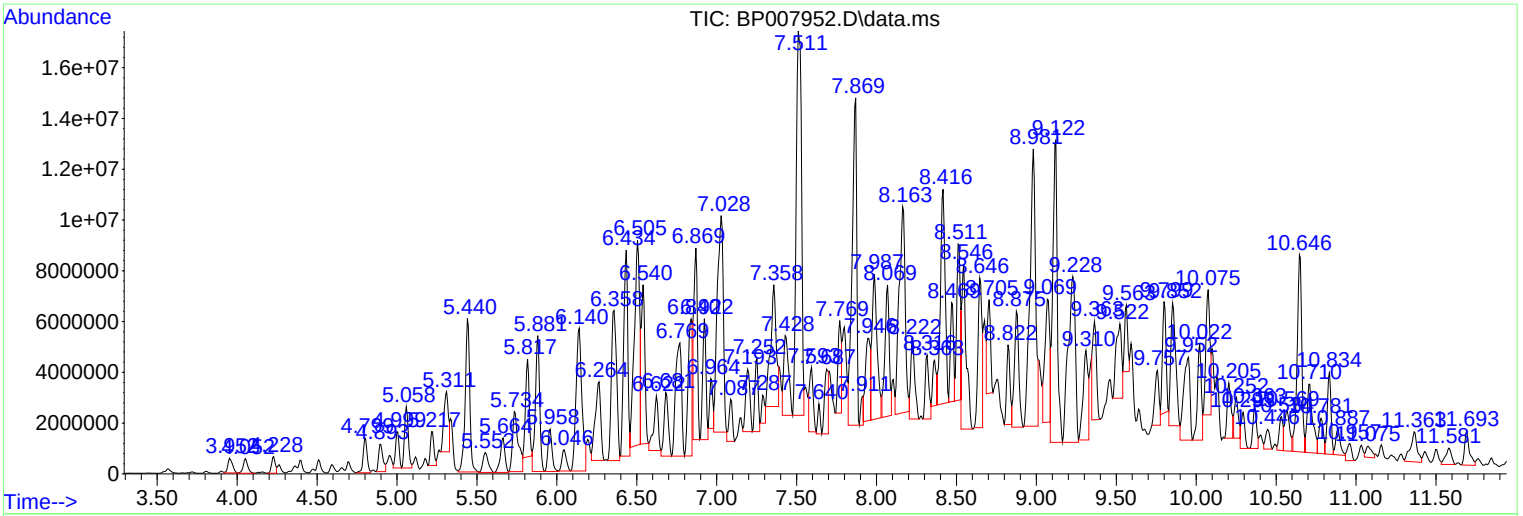
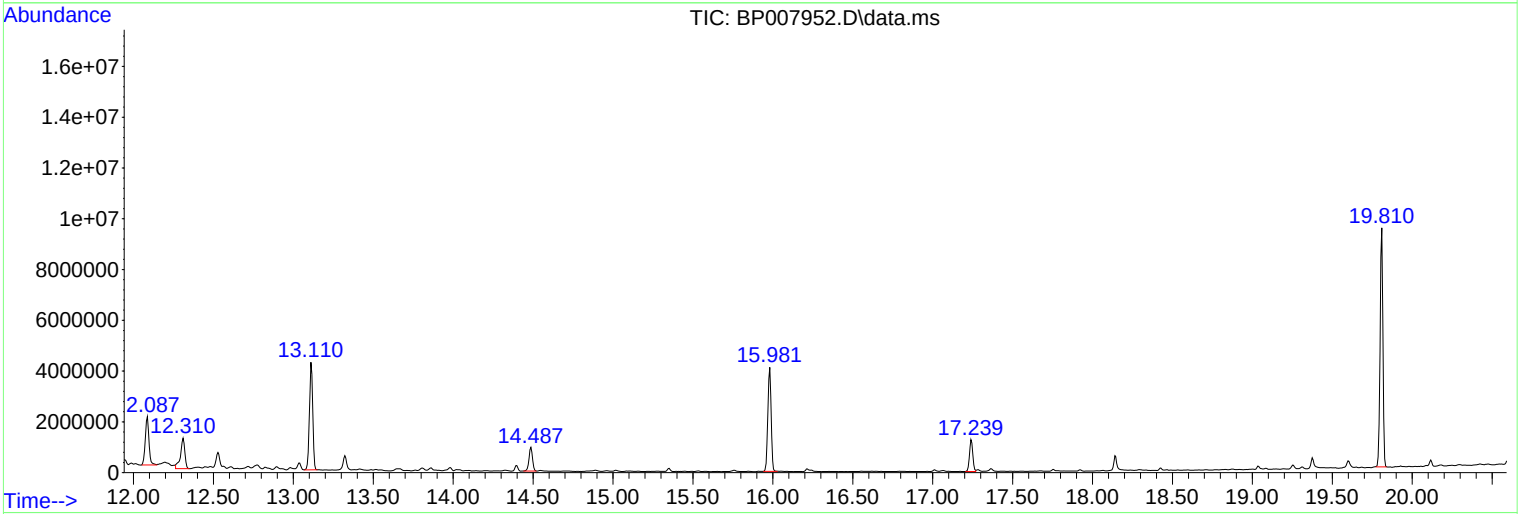
Sample : M4630-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

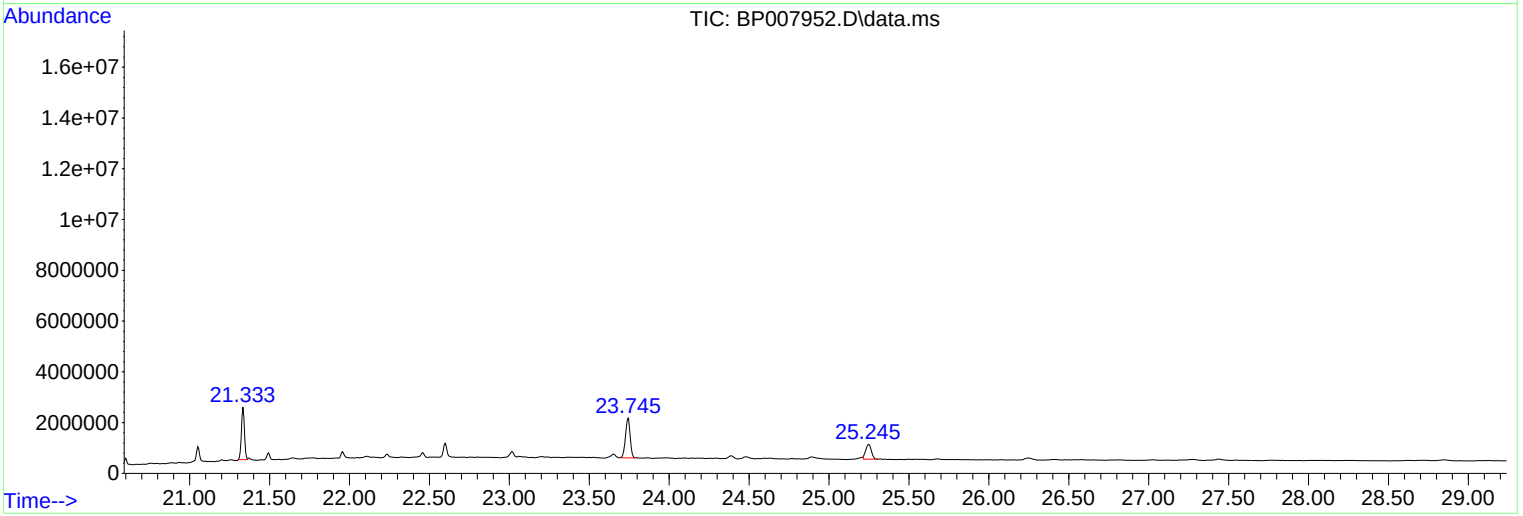
Instrument :
BNA_P
ClientSampleId :
SB-13S-5.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.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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Instrument :
BNA_P
ClientSampleId :
SB-13S-5.0

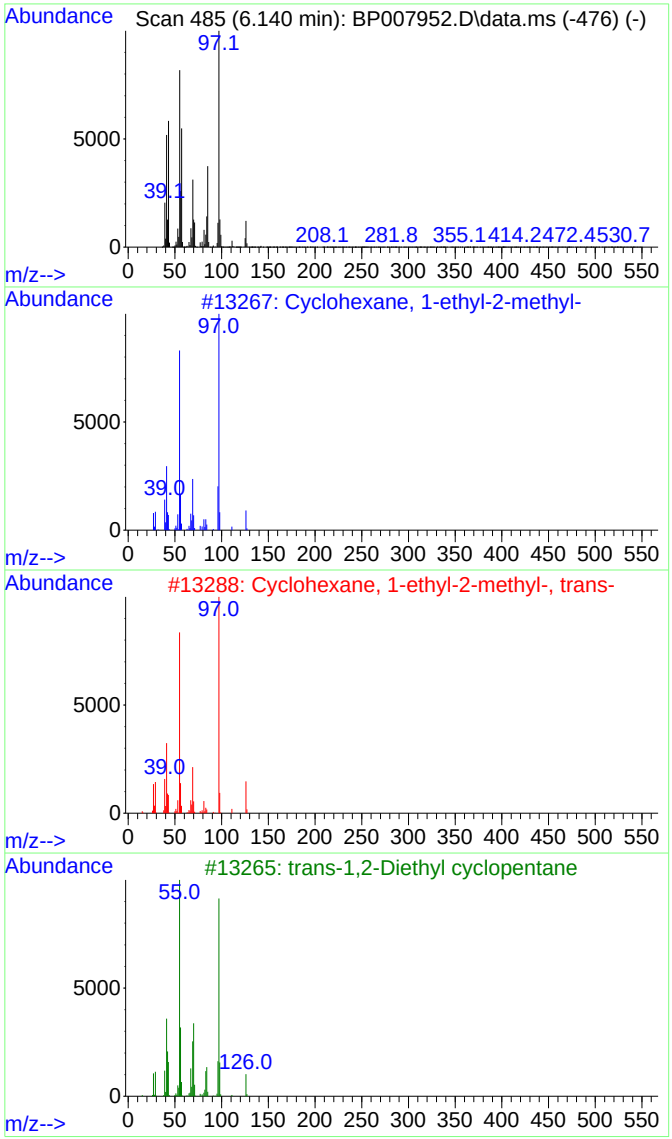
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

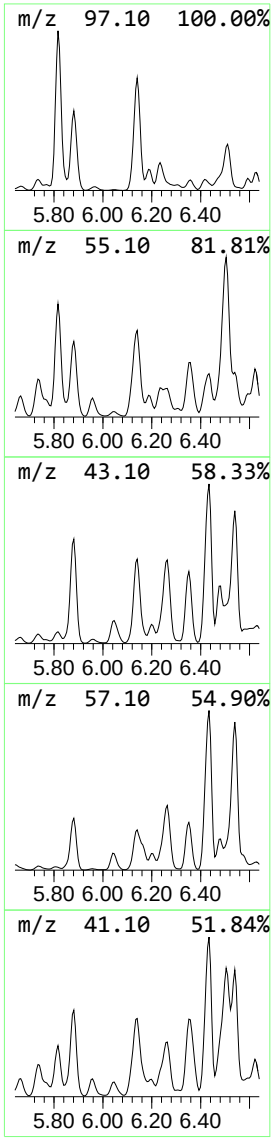
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Cyclohexane, 1-ethyl-2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.140	11.30 ng	14443100	1,4-Dichlorobenzene-d4	7.858

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	70
2	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	62
3	trans-1,2-Diethyl cyclopentane	126	C9H18	000932-40-1	52
4	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	52
5	1H-Pyrazole, 5-ethyl-4,5-dihydro...	126	C7H14N2	021981-22-6	52





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111121\
Data File : BP007952.D
Acq On : 11 Nov 2021 18:56
Operator : CG/JU
Sample : M4630-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-13S-5.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

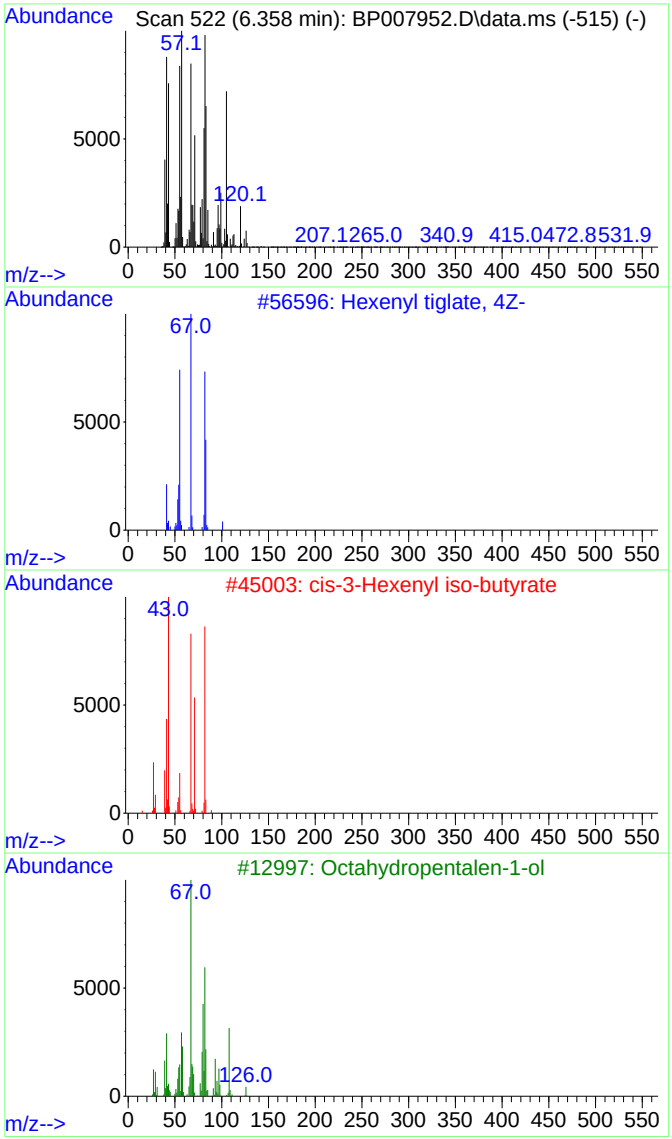
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

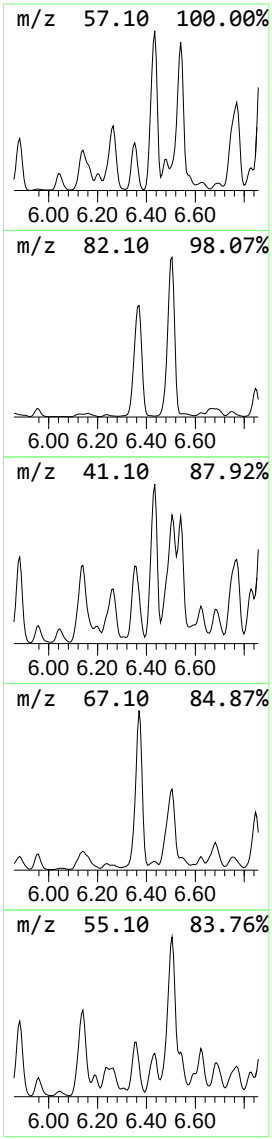
****

Peak Number 2 unknown6.358 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.358	10.55 ng	13493800	1,4-Dichlorobenzene-d4	7.858

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexenyl tiglate, 4Z-	182	C11H18O2	1000383-63-6	47
2	cis-3-Hexenyl iso-butyrate	170	C10H18O2	041519-23-7	47
3	Octahydropentalen-1-ol	126	C8H14O	037465-25-1	47
4	Fumaric acid, trans-hex-3-enyl u...	352	C21H36O4	1000348-89-1	46
5	7-Methylbicyclo[4.2.0]octane	124	C9H16	1000210-90-2	45





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ALS Vial : 12 Sample Multiplier: 1

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BNA_P
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

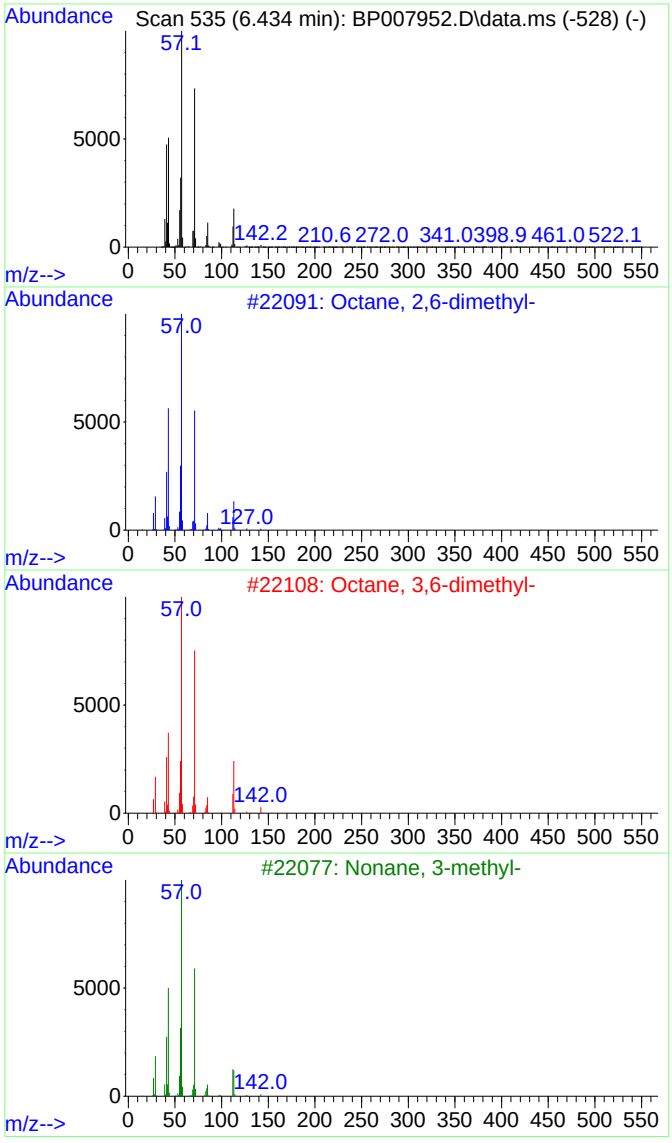
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

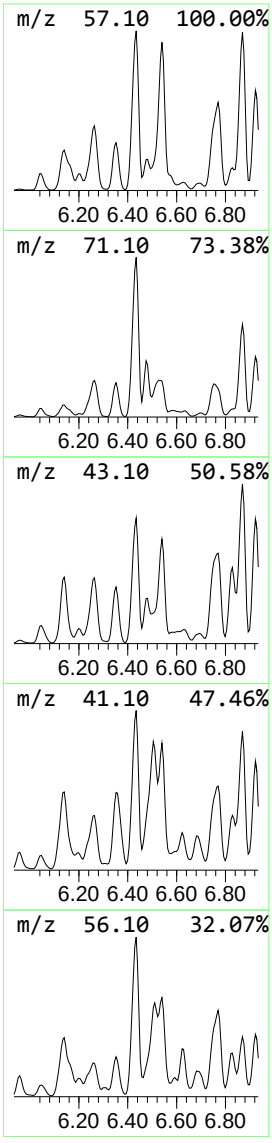
****

Peak Number 3 Octane, 2,6-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.434	11.46 ng	14655100	1,4-Dichlorobenzene-d4	7.858

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	93
2	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	91
3	Nonane, 3-methyl-	142	C10H22	005911-04-6	91
4	Undecane, 4,5-dimethyl-	184	C13H28	017312-79-7	72
5	Sulfurous acid, 2-ethylhexyl hep...	432	C25H52O3S	1000309-20-0	72





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Operator : CG/JU
Sample : M4630-09
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ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-13S-5.0

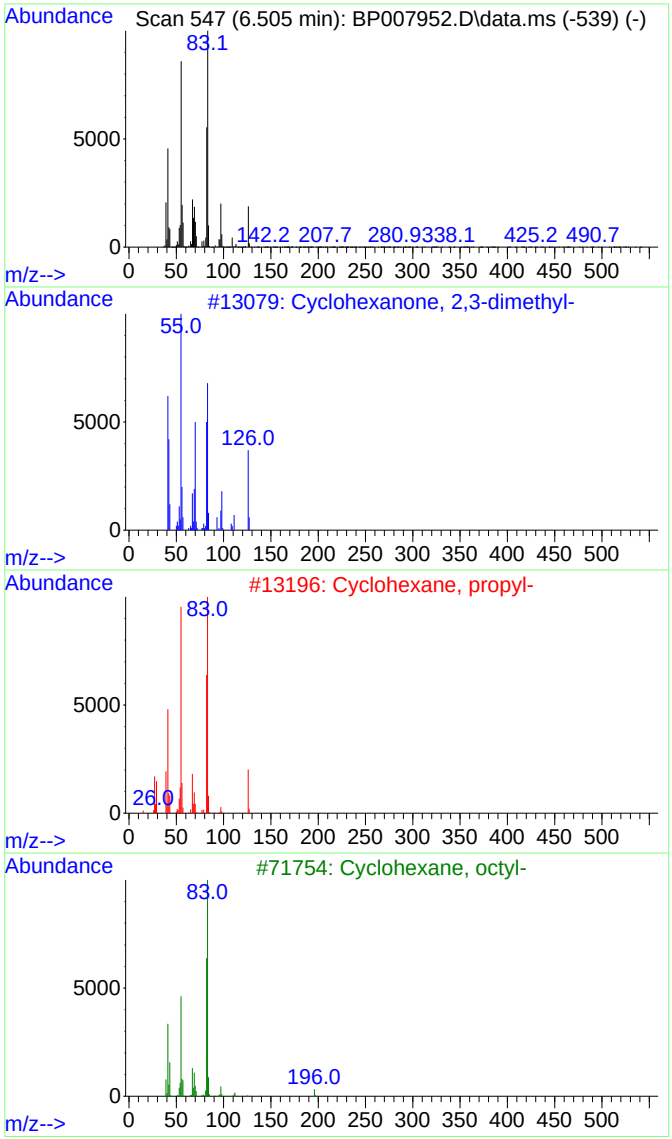
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

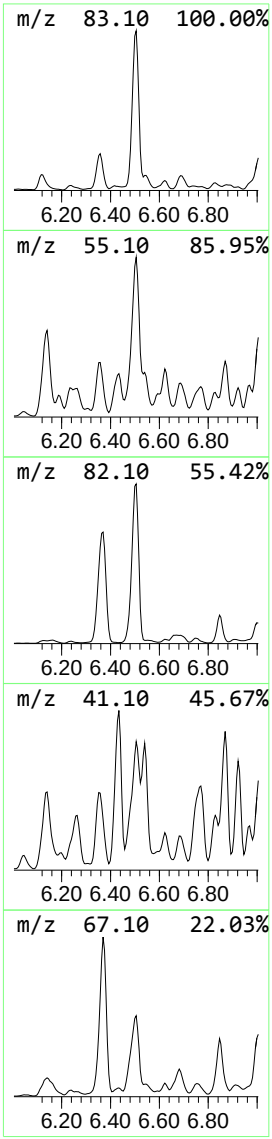
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Cyclohexanone, 2,3-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.505	14.79 ng	18902500	1,4-Dichlorobenzene-d4	7.858

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone, 2,3-dimethyl-	126	C8H14O	013395-76-1	87
2	Cyclohexane, propyl-	126	C9H18	001678-92-8	81
3	Cyclohexane, octyl-	196	C14H28	001795-15-9	59
4	Cyclohexane, ethyl-	112	C8H16	001678-91-7	53
5	Cyclopentane, 1-ethyl-1-methyl-	112	C8H16	016747-50-5	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111121\
Data File : BP007952.D
Acq On : 11 Nov 2021 18:56
Operator : CG/JU
Sample : M4630-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-13S-5.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

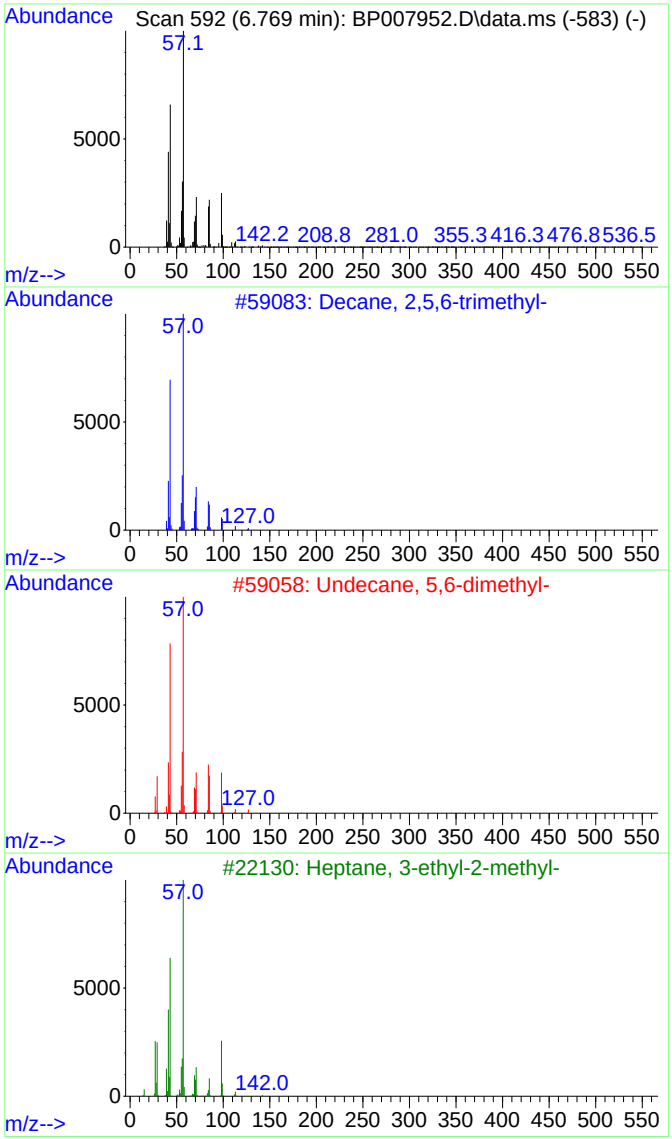
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

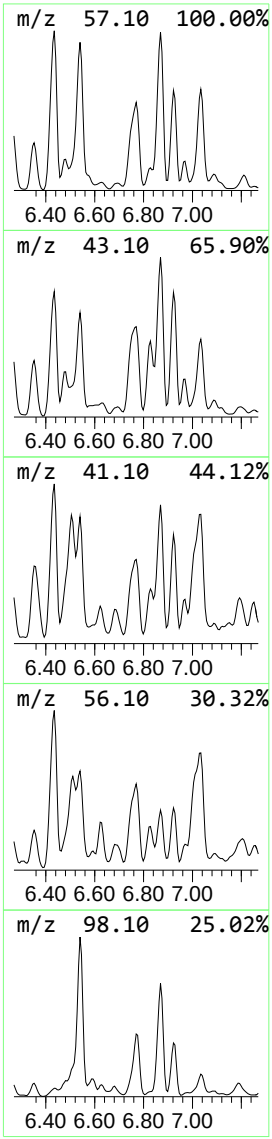
****

Peak Number 5 Decane, 2,5,6-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.769	9.01 ng	11525300	1,4-Dichlorobenzene-d4	7.858

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	72
2	Undecane, 5,6-dimethyl-	184	C13H28	017615-91-7	59
3	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	58
4	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	58
5	Hexane, 3-ethyl-2,5-dimethyl-	142	C10H22	052897-04-8	49





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Acq On : 11 Nov 2021 18:56
Operator : CG/JU
Sample : M4630-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-13S-5.0

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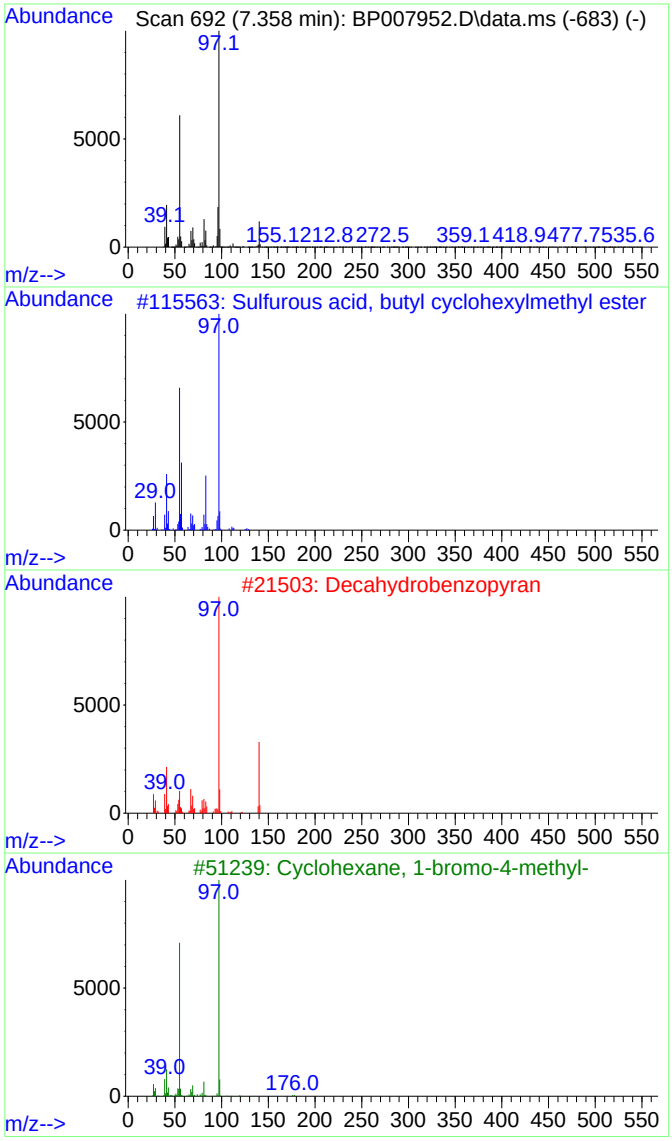
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

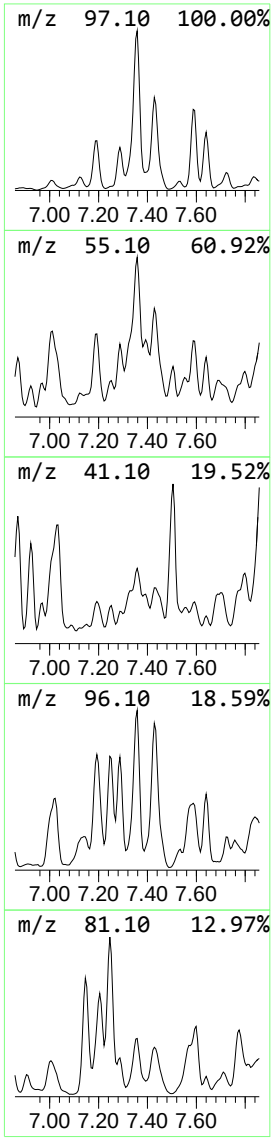
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Sulfurous acid, butyl cyclo... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.358	9.46 ng	12098200	1,4-Dichlorobenzene-d4	7.858

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, butyl cyclohexyl...	234	C11H22O3S	1000309-21-4	72
2	Decahydrobenzopyran	140	C9H16O	1000429-74-9	64
3	Cyclohexane, 1-bromo-4-methyl-	176	C7H13Br	006294-40-2	64
4	Sulfurous acid, cyclohexylmethyl...	234	C11H22O3S	1000309-21-3	64
5	Succinic acid, di(2-methylcycloh...	310	C18H30O4	1000329-83-0	64





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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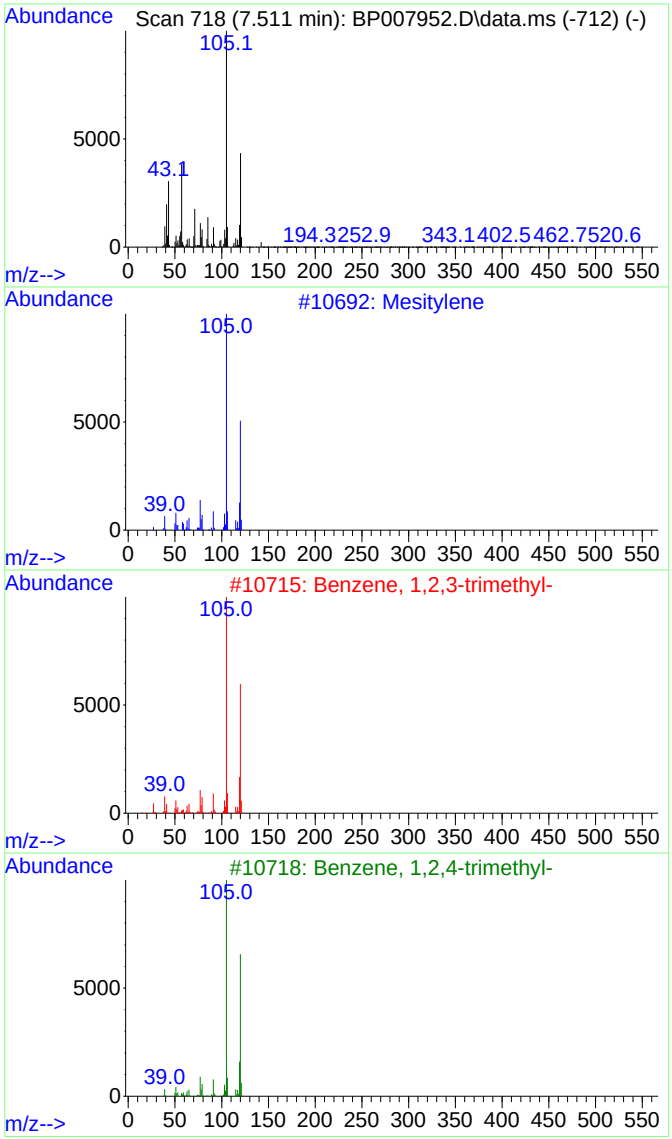
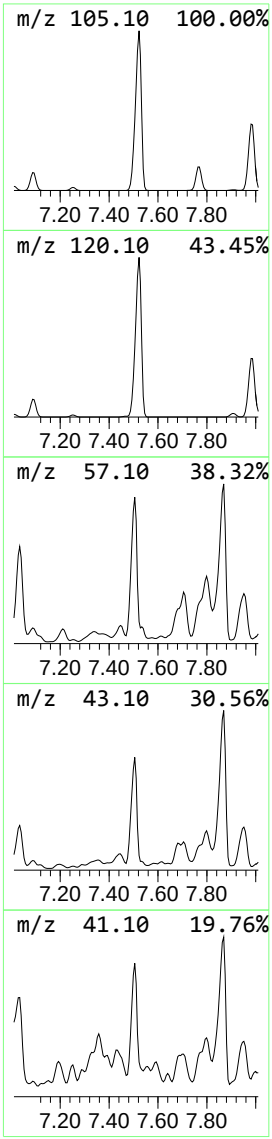
Peak Number 7 Mesitylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.511	27.27 ng	34857800	1,4-Dichlorobenzene-d4	7.858

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	95
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	90
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	87





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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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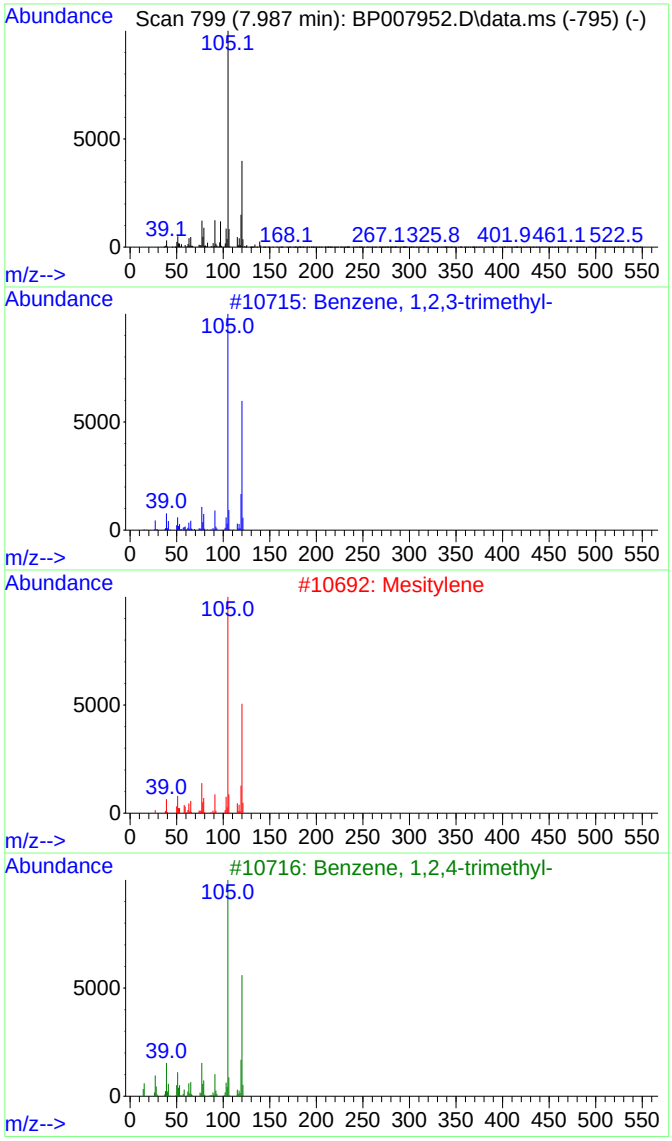
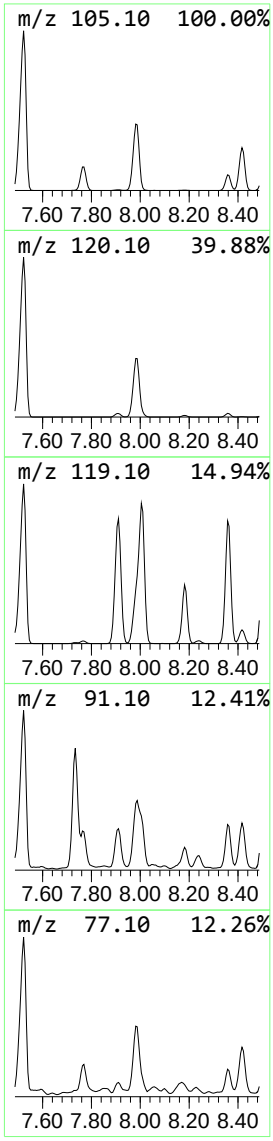
Peak Number 8 Benzene, 1,2,3-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.987	9.60 ng	12276100	1,4-Dichlorobenzene-d4	7.858

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
2	Mesitylene	120	C9H12	000108-67-8	93
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	90
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	87
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	87





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

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

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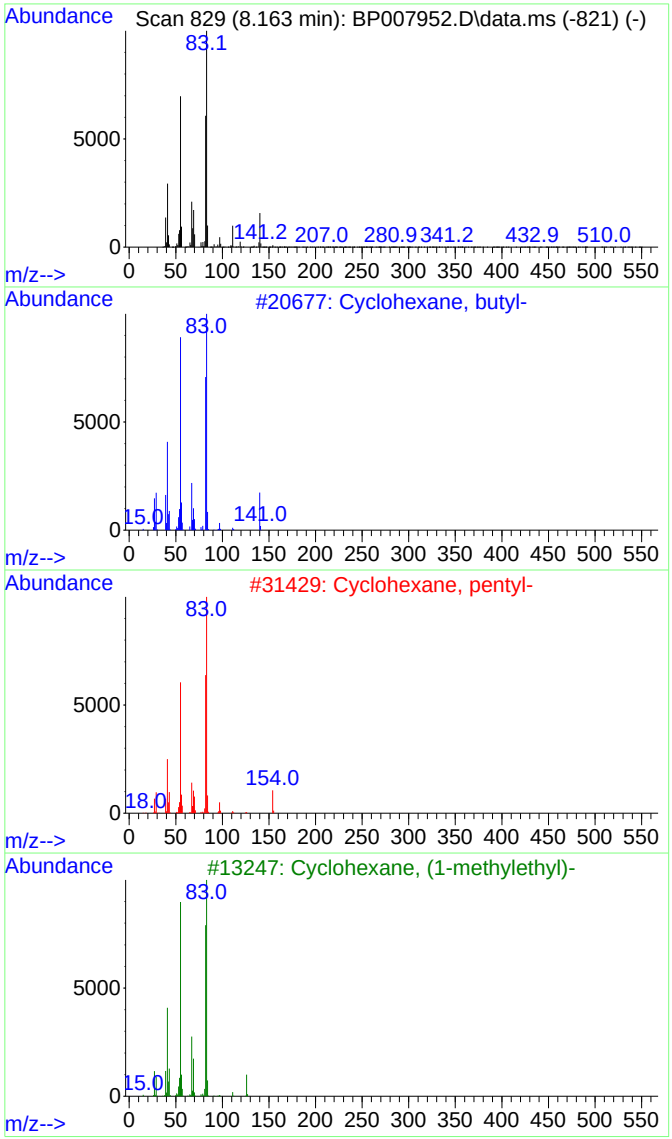
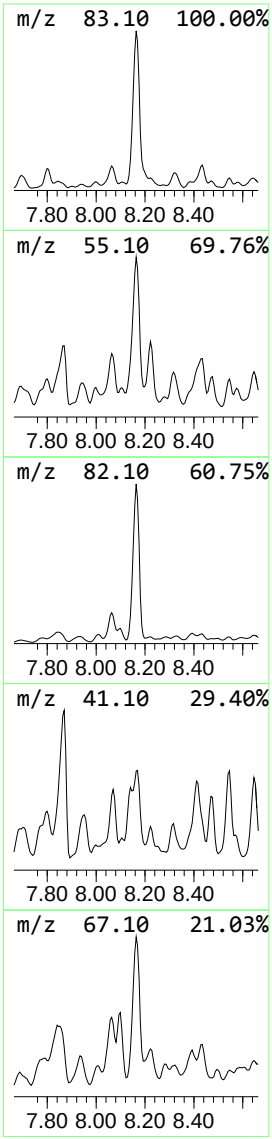
Peak Number 9 Cyclohexane, butyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.163	16.76 ng	21429200	1,4-Dichlorobenzene-d4	7.858

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, butyl-	140	C10H20	001678-93-9	90
2	Cyclohexane, pentyl-	154	C11H22	004292-92-6	87
3	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	86
4	Cyclohexane, 1,1'-(1,4-butanediy...	222	C16H30	006165-44-2	72
5	Cyclohexane, propyl-	126	C9H18	001678-92-8	64





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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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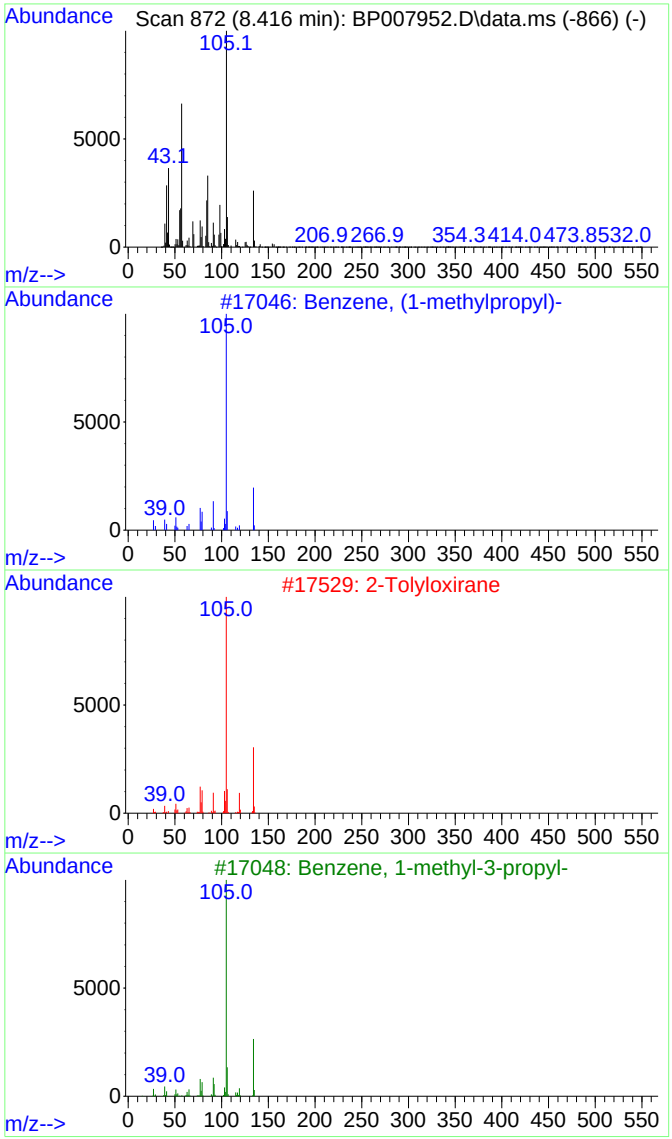
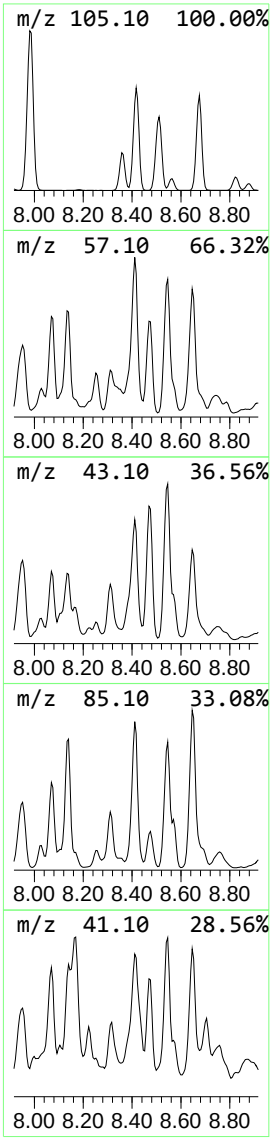
Peak Number 10 unknown8.416 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.416	13.26 ng	16956200	1,4-Dichlorobenzene-d4	7.858

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	46
2	2-Tolyloxirane	134	C9H10O	002783-26-8	46
3	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	46
4	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	46
5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	46





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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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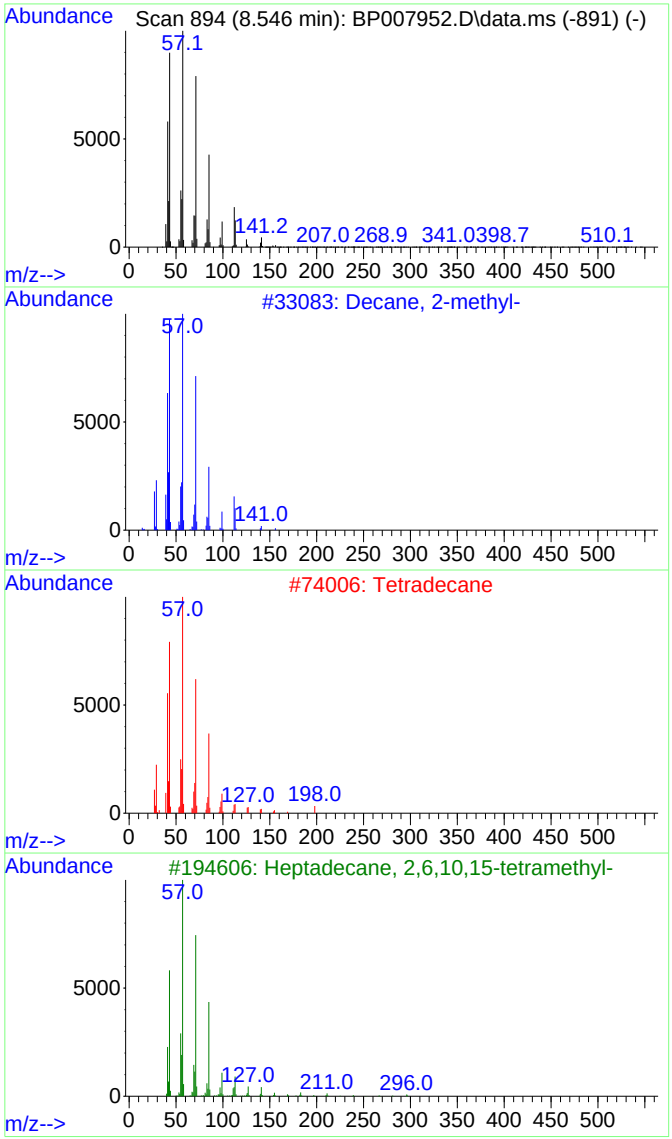
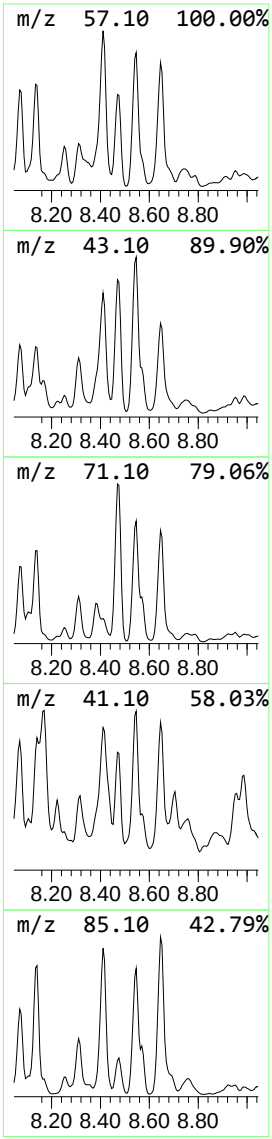
Peak Number 11 Decane, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.546	9.69 ng	12383700	1,4-Dichlorobenzene-d4	7.858

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2-methyl-	156	C11H24	006975-98-0	95
2	Tetradecane	198	C14H30	000629-59-4	86
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	80
4	Hexadecane	226	C16H34	000544-76-3	80
5	Nonadecane	268	C19H40	000629-92-5	80





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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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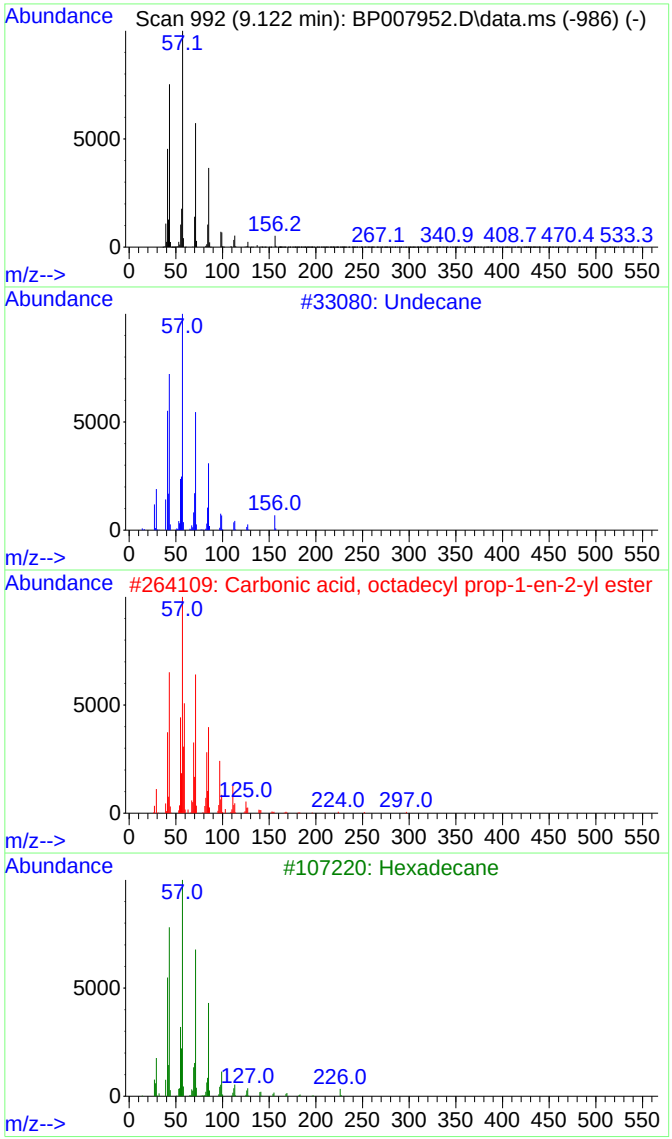
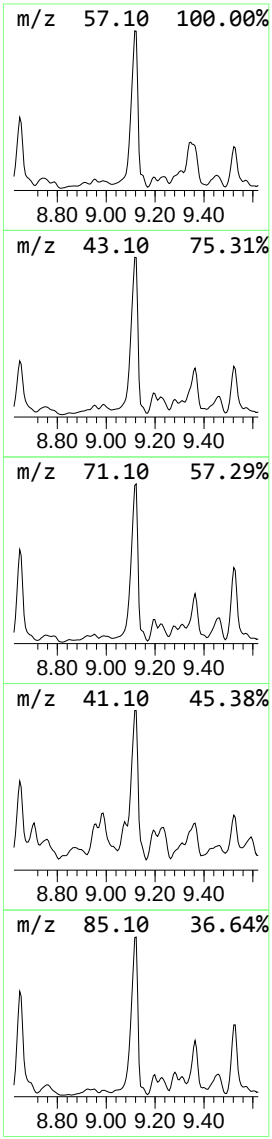
Peak Number 12 Undecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.122	18.43 ng	23560200	1,4-Dichlorobenzene-d4	7.858

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	94
2	Carbonic acid, octadecyl prop-1-...	354	C22H42O3	1000383-11-5	90
3	Hexadecane	226	C16H34	000544-76-3	90
4	Tetradecane	198	C14H30	000629-59-4	90
5	Tridecane	184	C13H28	000629-50-5	83





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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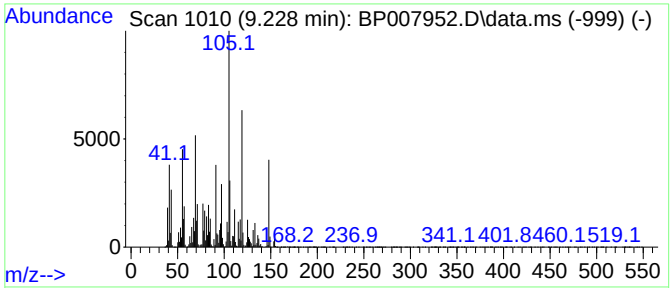
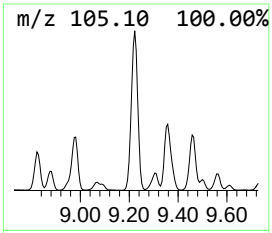
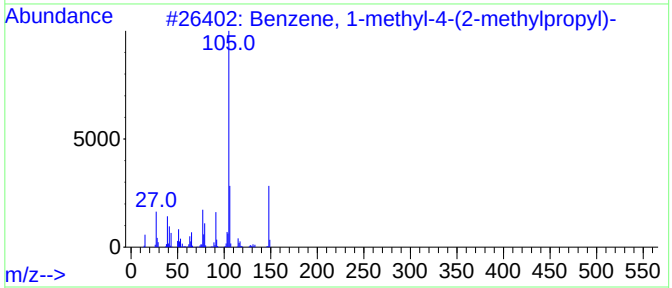
Peak Number 13 unknown9.228 Concentration Rank 4

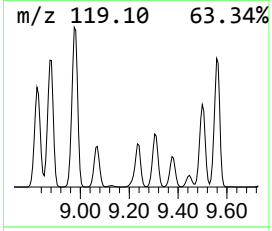
R.T.	EstConc	Area	Relative to ISTD	R.T.
9.228	15.95 ng	20395600	1,4-Dichlorobenzene-d4	7.858

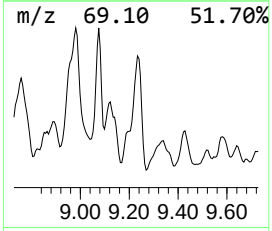
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(2-methylpro...	148	C11H16	005161-04-6	45
2	2,8-Decadiyne	134	C10H14	004116-93-2	43
3	4-Methylphenyl acetone	148	C10H12O	002096-86-8	41
4	Benzenepropanal, .beta.-methyl-	148	C10H12O	016251-77-7	38
5	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	38

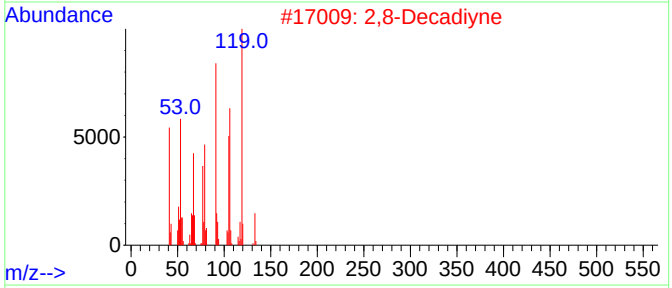


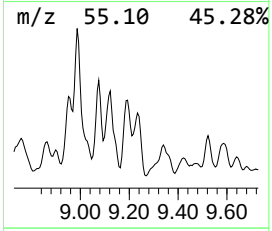


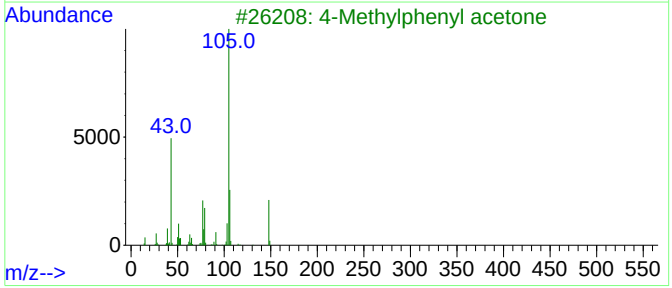


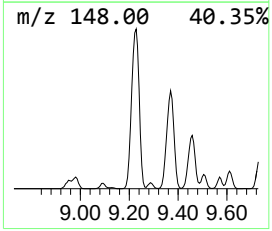












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Sample : M4630-09
Misc :
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Instrument :
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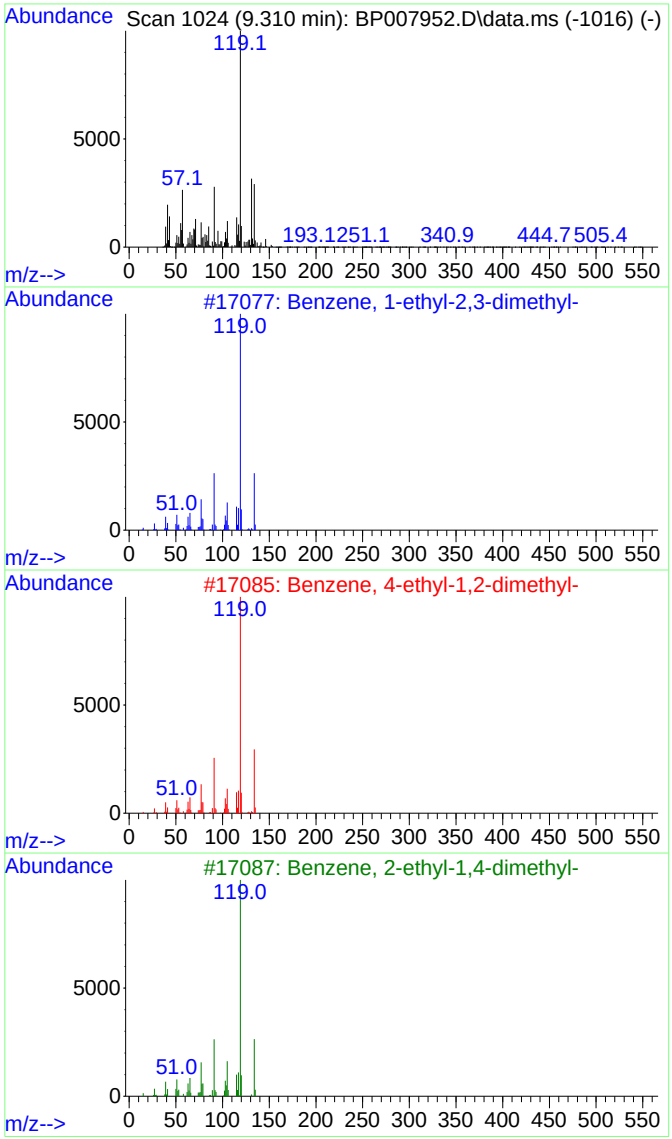
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

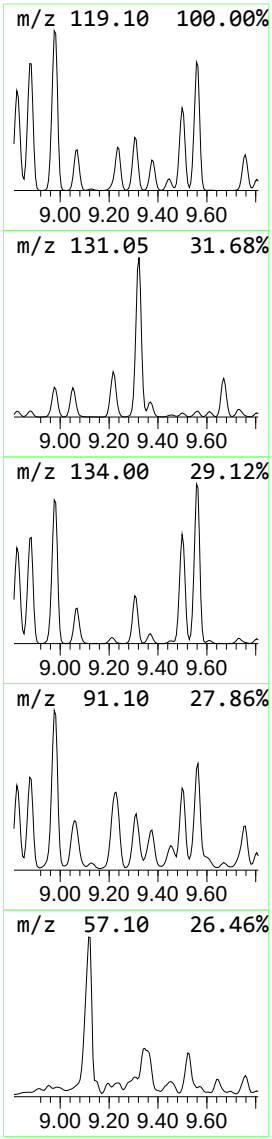
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.310	10.20 ng	7876010	Naphthalene-d8	10.658

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	86
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	83
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	70





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

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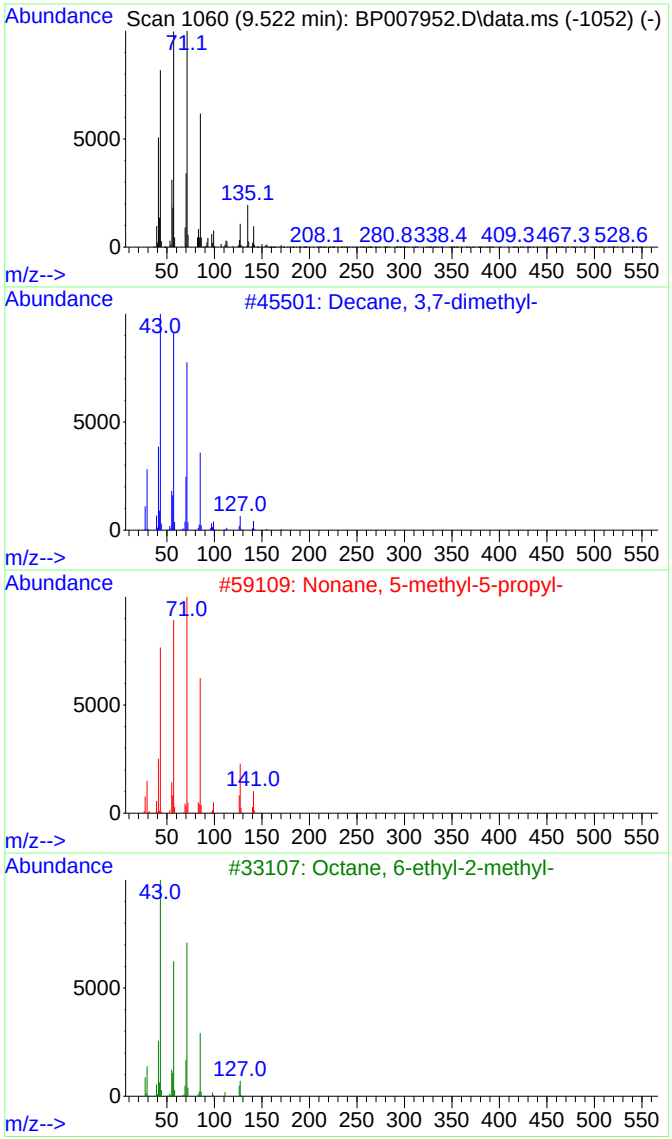
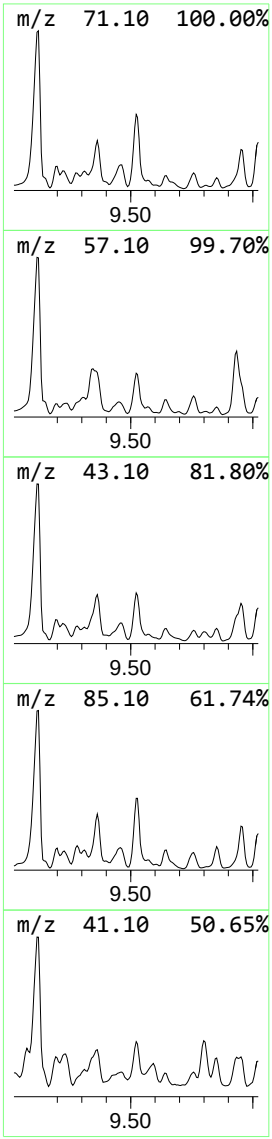
Peak Number 15 Decane, 3,7-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.522	9.25 ng	7141320	Naphthalene-d8	10.658

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	91
2	Nonane, 5-methyl-5-propyl-	184	C13H28	017312-75-3	64
3	Octane, 6-ethyl-2-methyl-	156	C11H24	062016-19-7	64
4	Undecane, 4,8-dimethyl-	184	C13H28	017301-33-6	59
5	Undecane, 2-methyl-	170	C12H26	007045-71-8	52





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Data File : BP007952.D
Acq On : 11 Nov 2021 18:56
Operator : CG/JU
Sample : M4630-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-13S-5.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

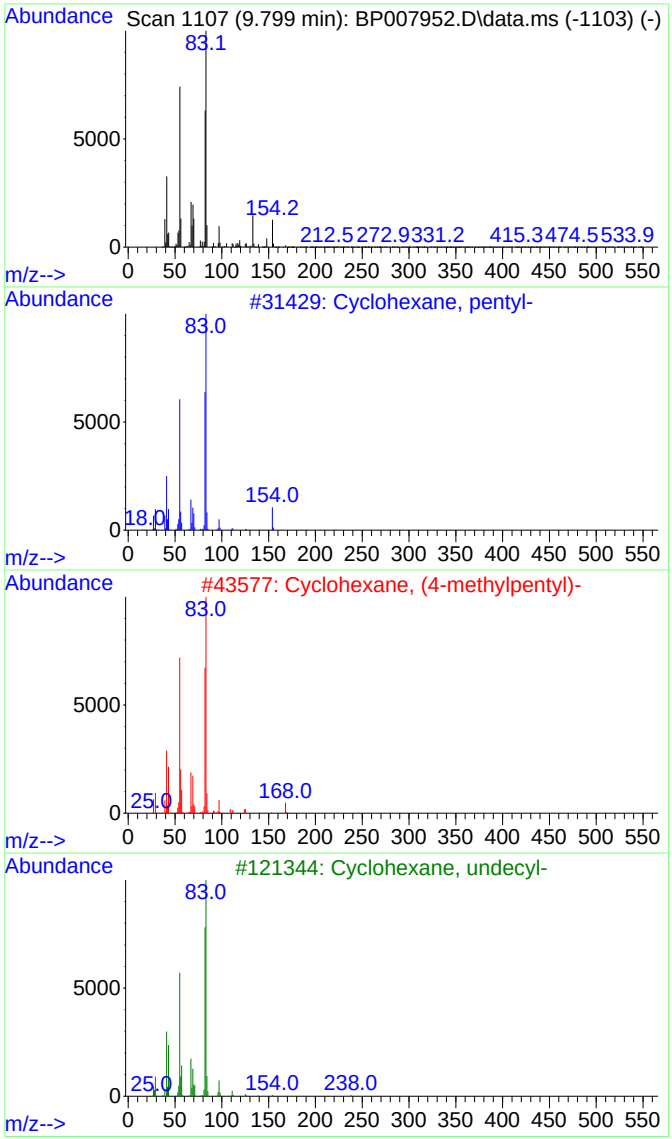
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

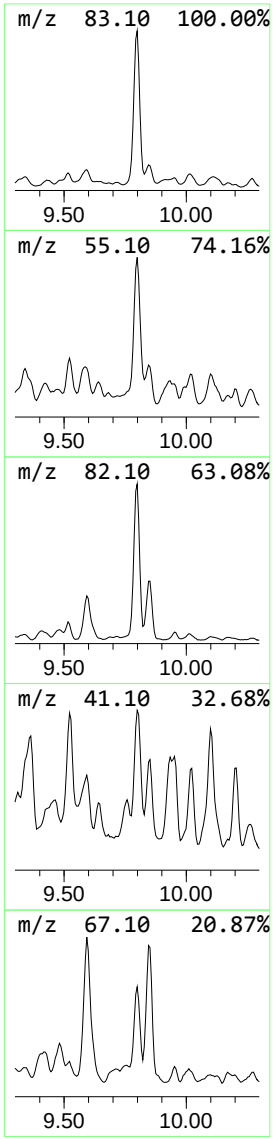
****

Peak Number 16 Cyclohexane, pentyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.799	8.59 ng	6629640	Naphthalene-d8	10.658

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, pentyl-	154	C11H22	004292-92-6	93
2	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	72
3	Cyclohexane, undecyl-	238	C17H34	054105-66-7	72
4	Cyclohexane, hexyl-	168	C12H24	004292-75-5	64
5	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	64





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Acq On : 11 Nov 2021 18:56
Operator : CG/JU
Sample : M4630-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-13S-5.0

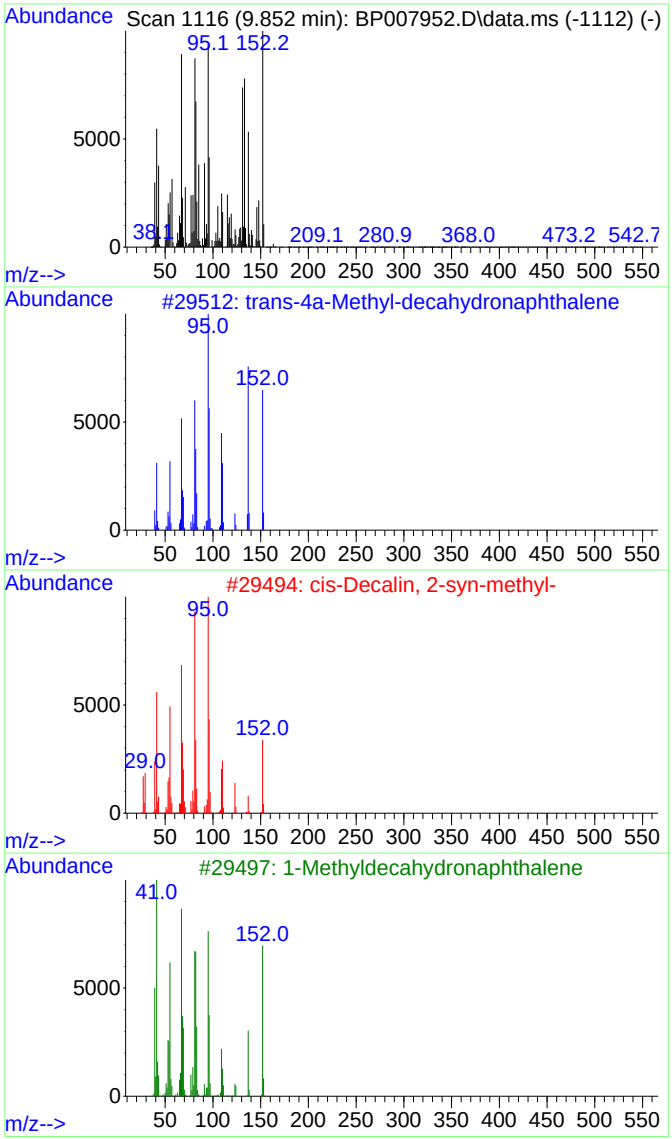
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

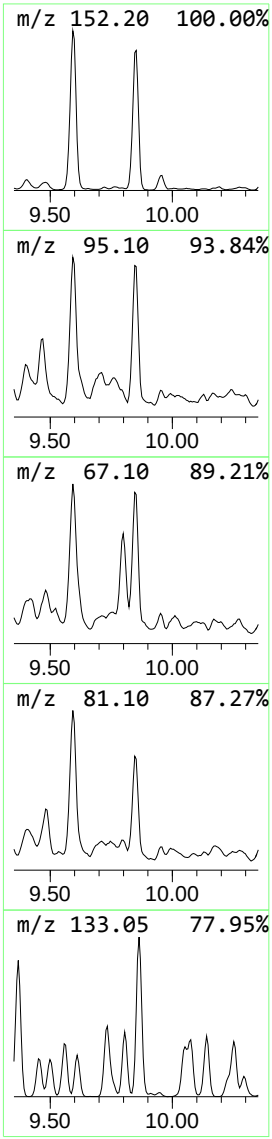
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 trans-4a-Methyl-decahydrona... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.852	13.35 ng	10306300	Naphthalene-d8	10.658

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	87
2	cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	49
3	1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	43
4	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	43
5	Decalin, syn-1-methyl-, cis-	152	C11H20	1000158-89-1	41





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Data File : BP007952.D
Acq On : 11 Nov 2021 18:56
Operator : CG/JU
Sample : M4630-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-13S-5.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.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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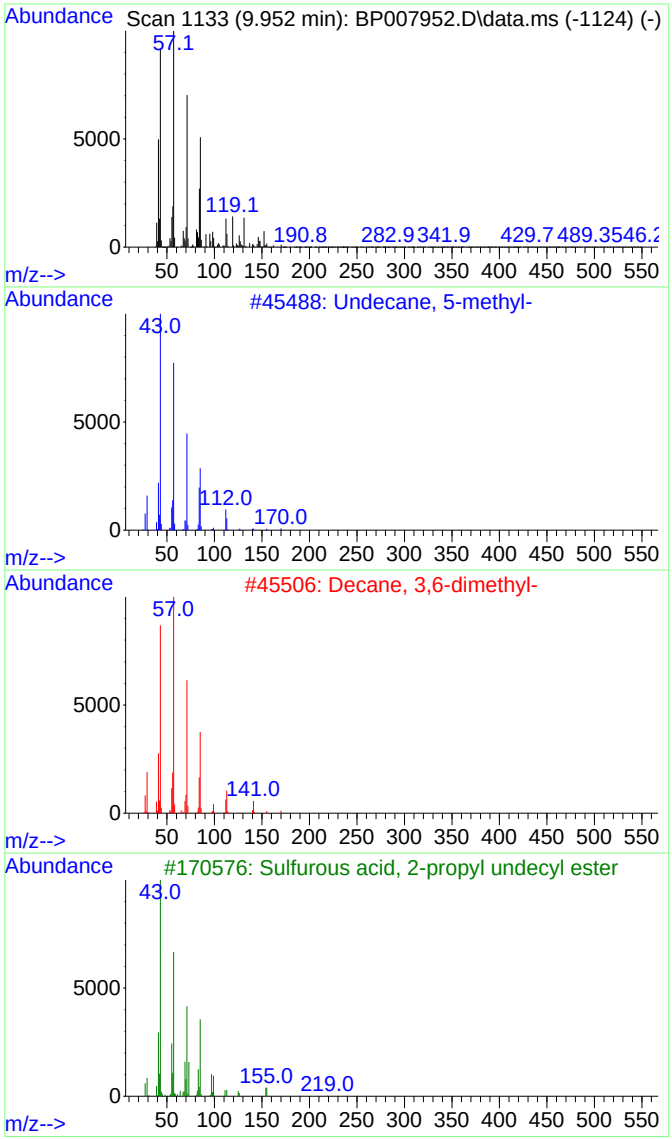
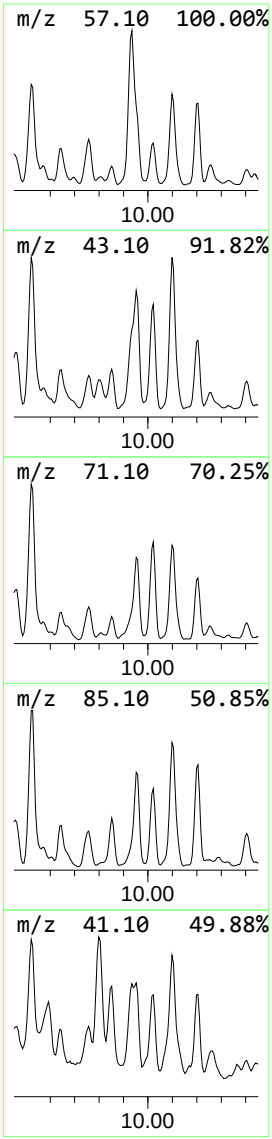
Peak Number 18 Undecane, 5-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.952	11.41 ng	8806730	Naphthalene-d8	10.658

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 5-methyl-	170	C12H26	001632-70-8	81
2	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	70
3	Sulfurous acid, 2-propyl undecyl...	278	C14H30O3S	1000309-12-2	50
4	Oxalic acid, 2-ethylhexyl isohex...	286	C16H30O4	1000309-38-8	47
5	Hexane, 2,2,3,3-tetramethyl-	142	C10H22	013475-81-5	43





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Data File : BP007952.D
Acq On : 11 Nov 2021 18:56
Operator : CG/JU
Sample : M4630-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-13S-5.0

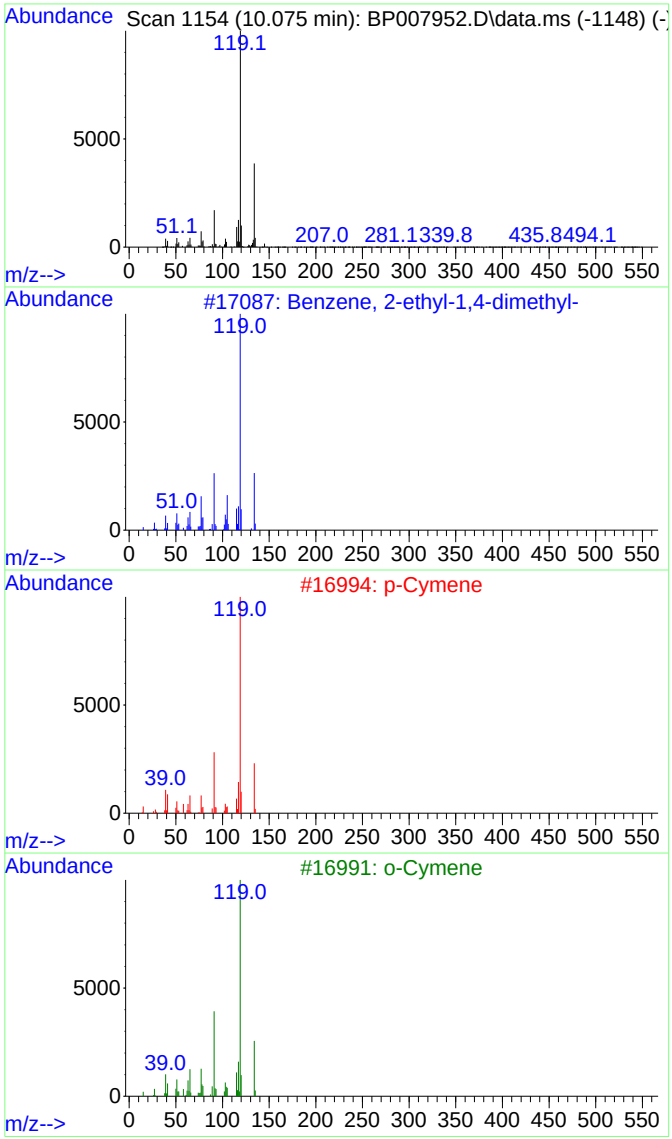
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

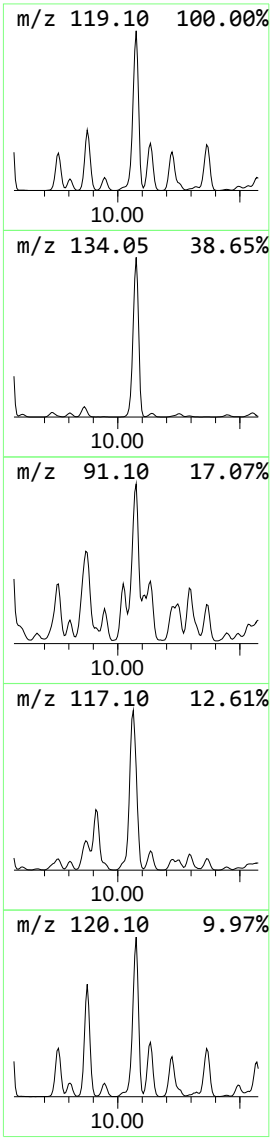
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.075	11.77 ng	9091740	Naphthalene-d8	10.658

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
2	p-Cymene	134	C10H14	000099-87-6	94
3	o-Cymene	134	C10H14	000527-84-4	94
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	93





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Data File : BP007952.D
Acq On : 11 Nov 2021 18:56
Operator : CG/JU
Sample : M4630-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-13S-5.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.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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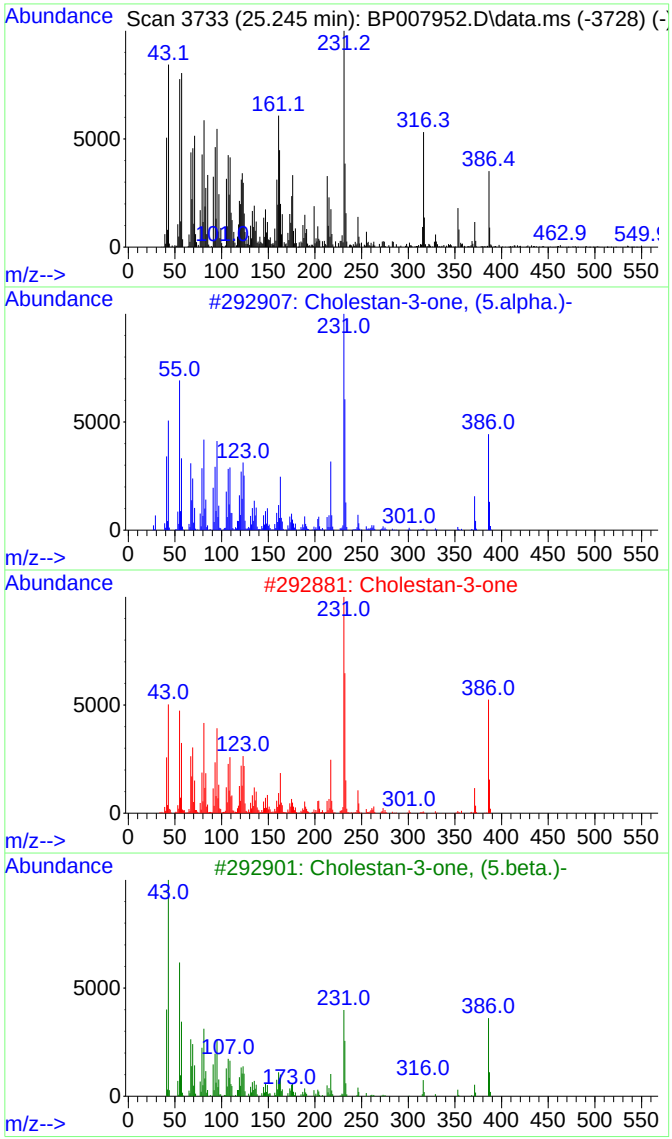
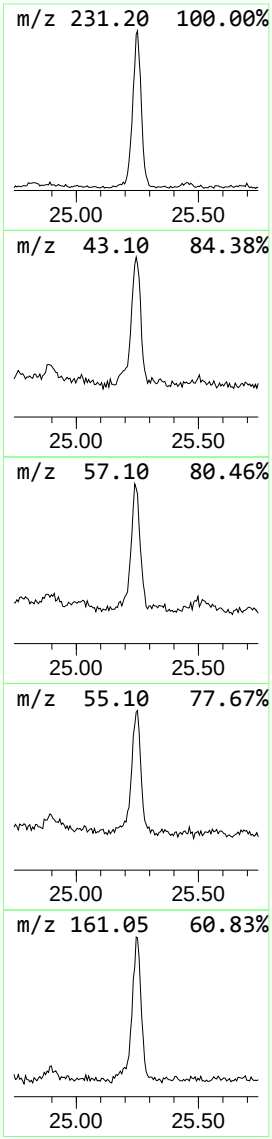
Peak Number 20 Cholestan-3-one, (5.alpha.)- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.245	8.91 ng	1412120	Perylene-d12	23.745

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cholestan-3-one, (5.alpha.)-	386	C27H46O	000566-88-1	83
2	Cholestan-3-one	386	C27H46O	015600-08-5	83
3	Cholestan-3-one, (5.beta.)-	386	C27H46O	000601-53-6	83
4	Cholestan-3.beta.,16.alpha.-diol	404	C27H48O2	1000252-39-7	55
5	Allocholesterol	386	C27H46O	000517-10-2	45





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111121\
Data File : BP007952.D
Acq On : 11 Nov 2021 18:56
Operator : CG/JU
Sample : M4630-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-13S-5.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.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
Cyclohexane, 1-...	6.140	11.3	ng	14443100	1	7.858	25569600	20.0
unknown6.358	6.358	10.6	ng	13493800	1	7.858	25569600	20.0
Octane, 2,6-dim...	6.434	11.5	ng	14655100	1	7.858	25569600	20.0
Cyclohexanone, ...	6.505	14.8	ng	18902500	1	7.858	25569600	20.0
Decane, 2,5,6-t...	6.769	9.0	ng	11525300	1	7.858	25569600	20.0
Sulfurous acid,...	7.358	9.5	ng	12098200	1	7.858	25569600	20.0
Mesitylene	7.511	27.3	ng	34857800	1	7.858	25569600	20.0
Benzene, 1,2,3-...	7.987	9.6	ng	12276100	1	7.858	25569600	20.0
Cyclohexane, bu...	8.163	16.8	ng	21429200	1	7.858	25569600	20.0
unknown8.416	8.416	13.3	ng	16956200	1	7.858	25569600	20.0
Decane, 2-methyl-	8.546	9.7	ng	12383700	1	7.858	25569600	20.0
Undecane	9.122	18.4	ng	23560200	1	7.858	25569600	20.0
unknown9.228	9.228	15.9	ng	20395600	1	7.858	25569600	20.0
Benzene, 1-ethy...	9.310	10.2	ng	7876010	2	10.658	15442800	20.0
Decane, 3,7-dim...	9.522	9.3	ng	7141320	2	10.658	15442800	20.0
Cyclohexane, pe...	9.799	8.6	ng	6629640	2	10.658	15442800	20.0
trans-4a-Methyl...	9.852	13.4	ng	10306300	2	10.658	15442800	20.0
Undecane, 5-met...	9.952	11.4	ng	8806730	2	10.658	15442800	20.0
Benzene, 2-ethy...	10.075	11.8	ng	9091740	2	10.658	15442800	20.0
Cholestan-3-one...	25.245	8.9	ng	1412120	6	23.745	3168430	20.0