LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011023\
Data File : BF132008.D
Acq On : 10 Jan 2023 21:33
Operator : CG\JU
Sample : 01080-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-1-(10-12)

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_F\Methods\8270-BF010923.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF132008.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.957	483	488	490	rVV	512896	654987	11.21%	0.425%
2	4.981	490	492	497	rVV	474992	568029	9.72%	0.368%
3	5.163	517	523	526	rVV2	676125	788197	13.49%	0.511%
4	5.399	560	563	569	rBV	1405020	1429728	24.47%	0.927%
5	5.528	582	585	590	rBV3	416349	640670	10.97%	0.415%
6	5.575	590	593	596	rVV	730555	650644	11.14%	0.422%
7	5.616	596	600	608	rVB2	498074	739824	12.66%	0.480%
8	5.787	623	629	633	rBV4	682973	1066224	18.25%	0.691%
9	5.840	633	638	640	rBV2	487866	695996	11.91%	0.451%
10	5.922	649	652	657	rVB3	1051478	1462237	25.03%	0.948%
11	6.022	666	669	675	rVB4	2620710	3152068	53.95%	2.043%
12	6.081	675	679	681	rVB	1083268	1045743	17.90%	0.678%
13	6.210	696	701	704	rBV	1233827	1591350	27.24%	1.032%
14	6.310	714	718	726	rBV5	1231253	2218343	37.97%	1.438%
15	6.387	726	731	735	rBV4	385565	727420	12.45%	0.472%
16	6.440	735	740	744	rBV3	1602452	2294796	39.28%	1.488%
17	6.522	749	754	758	rBV4	1172265	2233052	38.22%	1.448%
18	6.610	766	769	772	rBV	1782411	2000872	34.25%	1.297%
19	6.640	772	774	776	rVB	641078	527124	9.02%	0.342%
20	6.722	781	788	789	rBV5	612919	899526	15.40%	0.583%
21	6.769	794	796	798	rVV	540376	538290	9.21%	0.349%
22	6.804	798	802	805	rVB	2860213	3187223	54.55%	2.066%
23	6.845	805	809	811	rBV	1346502	1413479	24.19%	0.916%
24	6.881	811	815	816	rBV3	524536	581255	9.95%	0.377%
25	6.934	821	824	828	rBV	2335505	2392952	40.96%	1.551%
26	6.969	828	830	832	rVB	837602	638543	10.93%	0.414%
27	7.016	835	838	840	rBV2	663454	657519	11.25%	0.426%
28	7.057	840	845	849	rVB4	1355519	2565170	43.91%	1.663%
29	7.110	849	854	856	rBV	1023794	1105104	18.92%	0.716%
30	7.187	863	867	869	rBV2	1627586	1617615	27.69%	1.049%
31	7.210	869	871	876	rVB5	571328	744257	12.74%	0.482%
32	7.257	876	879	881	rBV	828552	917478	15.70%	0.595%
33	7.328	885	891	894	rBV2	2360711	3172915	54.31%	2.057%
34	7.363	894	897	901	rVB4	1621384	1825301	31.24%	1.183%
35	7.440	904	910	913	rVB4	2029800	3320719	56.84%	2.153%
36	7.481	913	917	919	rBV3	1268764	1862214	31.87%	1.207%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011023\
Data File : BF132008.D
Acq On : 10 Jan 2023 21:33
Operator : CG\JU
Sample : 01080-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-1-(10-12)

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_F\Methods\8270-BF010923.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	7.504	919	921	924	rVB2	1004590	934265	15.99%	0.606%
38	7.545	925	928	930	rBV2	657794	752034	12.87%	0.488%
39	7.575	930	933	935	rBV3	1392795	1807836	30.94%	1.172%
40	7.598	935	937	941	rVB2	2631352	2454574	42.01%	1.591%
41	7.681	947	951	952	rBV3	1081822	1183804	20.26%	0.767%
42	7.698	952	954	956	rVV	1712681	1644594	28.15%	1.066%
43	7.722	956	958	962	rVB4	1836872	1799342	30.80%	1.166%
44	7.757	962	964	967	rVB4	700970	822583	14.08%	0.533%
45	7.822	972	975	977	rBV2	1790048	1924828	32.95%	1.248%
46	7.845	977	979	983	rVB2	1327043	1579982	27.04%	1.024%
47	7.898	983	988	992	rBV3	1332264	2053993	35.16%	1.331%
48	7.951	994	997	1001	rBV3	1260466	1661902	28.45%	1.077%
49	8.022	1006	1009	1010	rBV	1123281	1009165	17.27%	0.654%
50	8.040	1010	1012	1014	rVV3	939625	897125	15.36%	0.582%
51	8.075	1014	1018	1021	rVV4	1587008	2447365	41.89%	1.586%
52	8.110	1021	1024	1026	rVV3	1014610	1209232	20.70%	0.784%
53	8.134	1026	1028	1029	rVV2	1783504	1669961	28.58%	1.083%
54	8.151	1029	1031	1033	rVB	3488716	2570251	43.99%	1.666%
55	8.175	1033	1035	1038	rVB	1235733	907100	15.53%	0.588%
56	8.198	1038	1039	1042	rVB3	714947	582191	9.97%	0.377%
57	8.239	1042	1046	1048	rBV2	927370	1061027	18.16%	0.688%
58	8.287	1051	1054	1057	rVB2	1390108	1391757	23.82%	0.902%
59	8.375	1065	1069	1073	rVB4	2382741	3217314	55.07%	2.086%
60	8.469	1082	1085	1088	rVB4	1079388	1199805	20.54%	0.778%
61	8.516	1088	1093	1097	rBV2	4517542	5842247	100.00%	3.787%
62	8.551	1097	1099	1102	rVB2	958758	872044	14.93%	0.565%
63	8.592	1103	1106	1108	rBV2	1441643	1077625	18.45%	0.699%
64	8.628	1108	1112	1114	rBV4	841490	1017075	17.41%	0.659%
65	8.745	1129	1132	1134	rVB3	598005	634705	10.86%	0.411%
66	8.775	1134	1137	1140	rVB3	1798326	2150236	36.80%	1.394%
67	8.804	1140	1142	1145	rVB	1442466	1063028	18.20%	0.689%
68	8.863	1149	1152	1155	rBV4	694447	1030199	17.63%	0.668%
69	8.910	1157	1160	1162	rVB2	1488271	1493723	25.57%	0.968%
70	8.998	1171	1175	1178	rVB4	1479999	1716599	29.38%	1.113%
71	9.034	1178	1181	1183	rBV4	566456	643188	11.01%	0.417%
72	9.116	1191	1195	1199	rBV2	3947210	3919129	67.08%	2.541%
73	9.163	1200	1203	1205	rVB	1333610	1076387	18.42%	0.698%
74	9.239	1212	1216	1222	rBV5	1748236	2952132	50.53%	1.914%
75	9.286	1222	1224	1227	rVV3	855092	1219726	20.88%	0.791%
76	9.316	1227	1229	1232	rVV2	939775	1090773	18.67%	0.707%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011023\
Data File : BF132008.D
Acq On : 10 Jan 2023 21:33
Operator : CG\JU
Sample : 01080-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-1-(10-12)

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_F\Methods\8270-BF010923.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	9.363	1235	1237	1240	rVB2	798340	705898	12.08%	0.458%
78	9.439	1246	1250	1252	rVB	1282995	1397656	23.92%	0.906%
79	9.504	1259	1261	1264	rVV2	1288748	1526776	26.13%	0.990%
80	9.534	1264	1266	1268	rVV2	1041734	1136449	19.45%	0.737%
81	9.557	1268	1270	1271	rVV	2265289	1971287	33.74%	1.278%
82	9.569	1271	1272	1275	rVB	3097845	2271946	38.89%	1.473%
83	9.710	1293	1296	1299	rBV2	1439057	1472376	25.20%	0.954%
84	9.757	1301	1304	1307	rVB2	2499860	2327395	39.84%	1.509%
85	9.792	1307	1310	1312	rBV3	622527	686031	11.74%	0.445%
86	9.828	1312	1316	1322	rBV7	1238590	2235048	38.26%	1.449%
87	9.886	1323	1326	1329	rVB2	636247	713719	12.22%	0.463%
88	9.957	1335	1338	1342	rBV	810928	910625	15.59%	0.590%
89	10.004	1342	1346	1348	rBV3	565729	874734	14.97%	0.567%
90	10.104	1359	1363	1369	rVB7	1008903	1841495	31.52%	1.194%
91	10.169	1371	1374	1380	rBV4	1168969	2286905	39.14%	1.482%
92	10.216	1380	1382	1385	rVB4	869520	834455	14.28%	0.541%
93	10.257	1385	1389	1392	rBV2	2190772	2330748	39.89%	1.511%
94	10.310	1395	1398	1400	rBV3	633755	682190	11.68%	0.442%
95	10.398	1410	1413	1419	rBV4	766849	1340568	22.95%	0.869%
96	10.504	1429	1431	1437	rVB	1341044	1570699	26.89%	1.018%
97	10.645	1453	1455	1457	rBV	1047921	846005	14.48%	0.548%
98	10.781	1473	1478	1484	rBV2	2871717	4191657	71.75%	2.717%
99	11.251	1555	1558	1562	rVB	2194189	2327977	39.85%	1.509%
100	13.974	2018	2021	2024	rBV	1302216	1272486	21.78%	0.825%

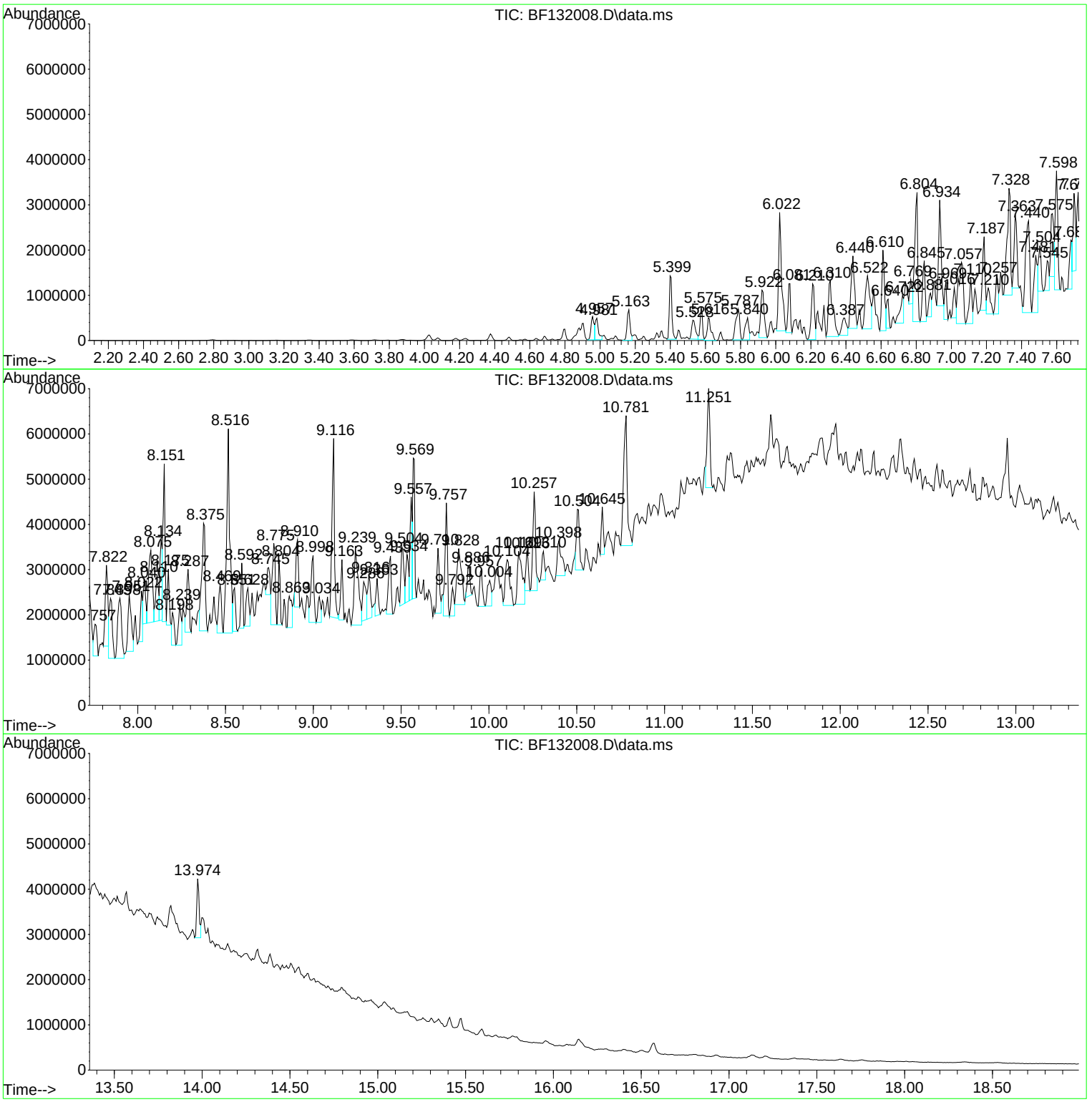
Sum of corrected areas: 154262835

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011023\
Data File : BF132008.D
Acq On : 10 Jan 2023 21:33
Operator : CG\JU
Sample : 01080-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-1-(10-12)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF010923.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_F\Data\BF011023\
Data File : BF132008.D
Acq On : 10 Jan 2023 21:33
Operator : CG\JU
Sample : 01080-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-1-(10-12)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF010923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

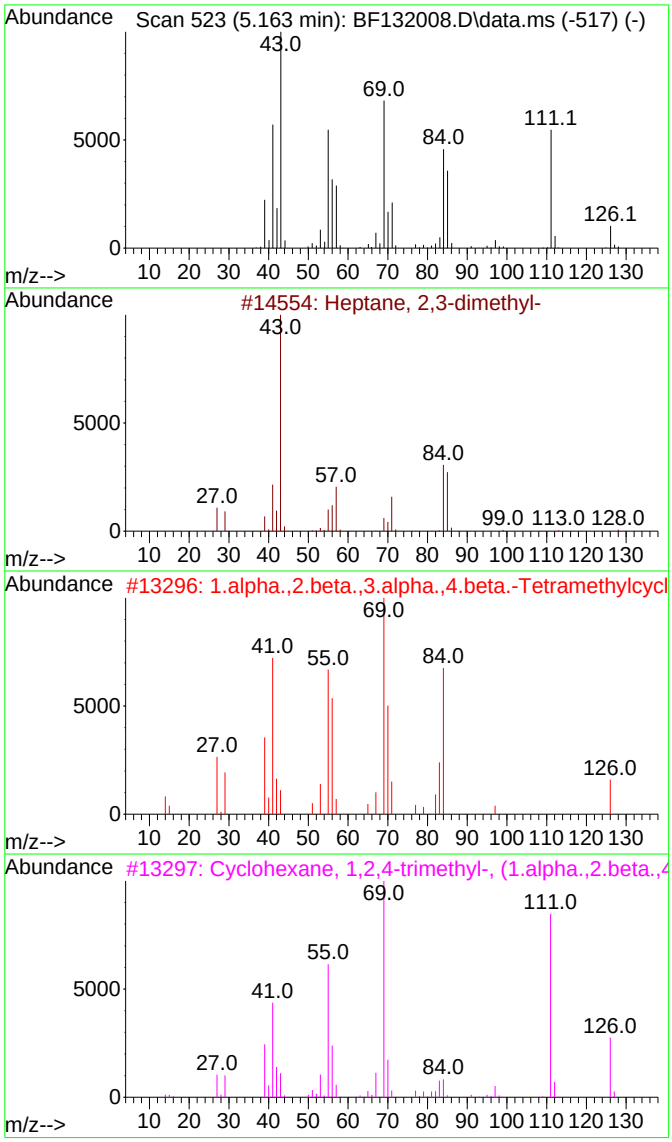
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

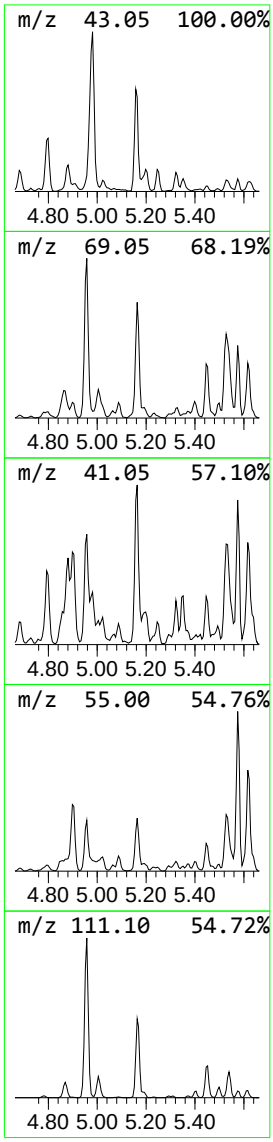
****

Peak Number 1 unknown5.163 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.163	29.29 ng	788197	1,4-Dichlorobenzene-d4	6.787

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	46
2	1.alpha.,2.beta.,3.alpha.,4.beta...	126	C9H18	002532-67-4	45
3	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	30
4	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	30
5	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	27





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011023\
Data File : BF132008.D
Acq On : 10 Jan 2023 21:33
Operator : CG\JU
Sample : 01080-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-1-(10-12)

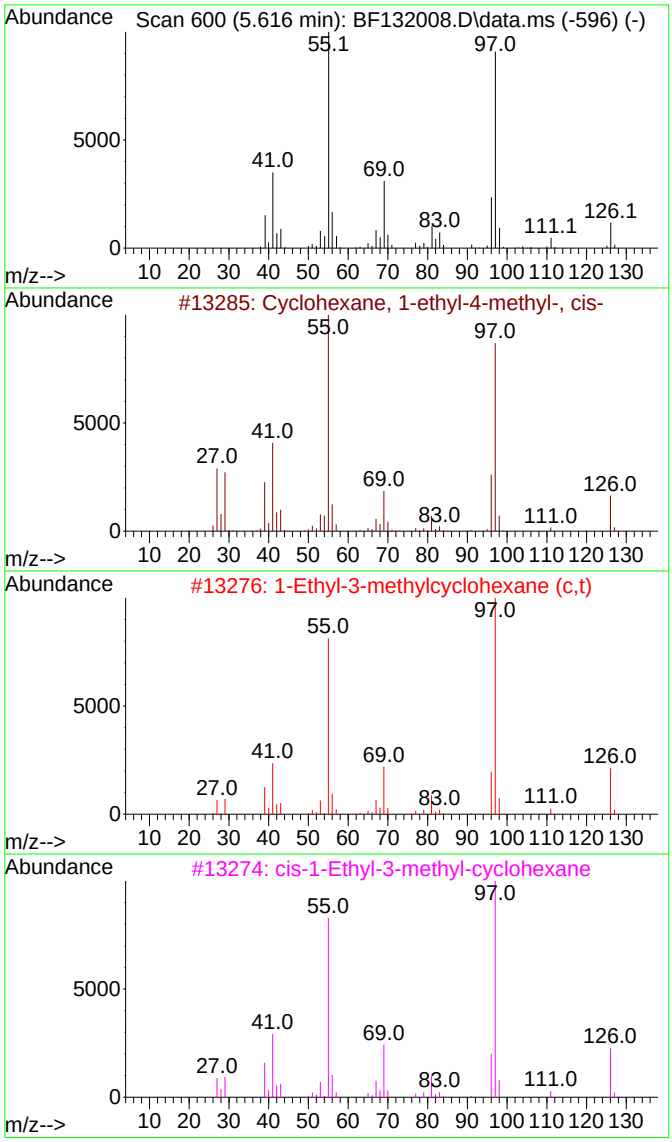
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF010923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

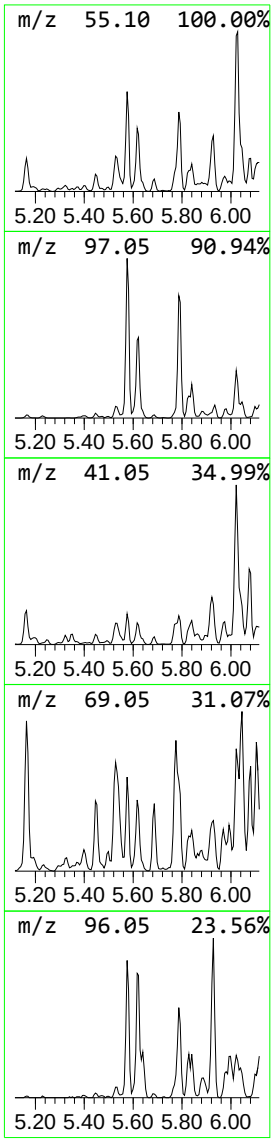
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Cyclohexane, 1-ethyl-4-meth... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.616	27.49 ng	739824	1,4-Dichlorobenzene-d4	6.787

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	91
2	1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	91
3	cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	91
4	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	91
5	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011023\
Data File : BF132008.D
Acq On : 10 Jan 2023 21:33
Operator : CG\JU
Sample : 01080-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-1-(10-12)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF010923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

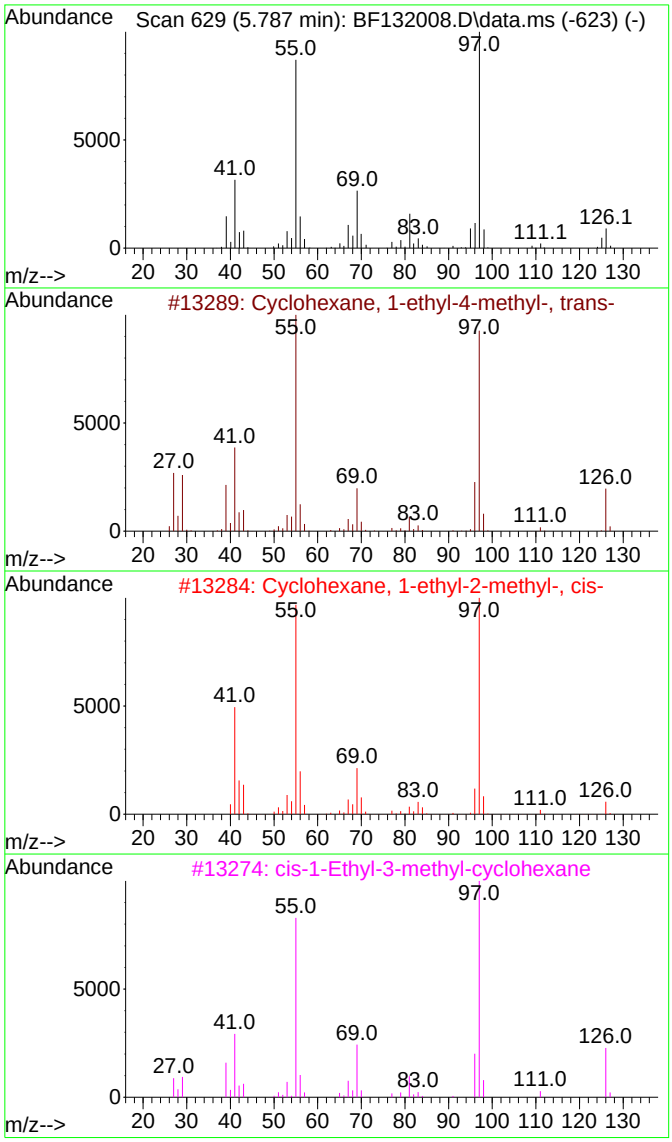
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

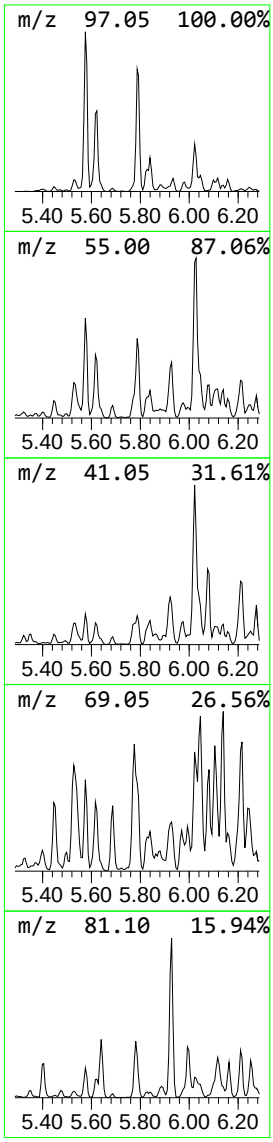
****

Peak Number 3 Cyclohexane, 1-ethyl-4-meth... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.787	39.62 ng	1066220	1,4-Dichlorobenzene-d4	6.787

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	87
2	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	87
3	cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	87
4	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	83
5	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011023\
Data File : BF132008.D
Acq On : 10 Jan 2023 21:33
Operator : CG\JU
Sample : 01080-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-1-(10-12)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF010923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

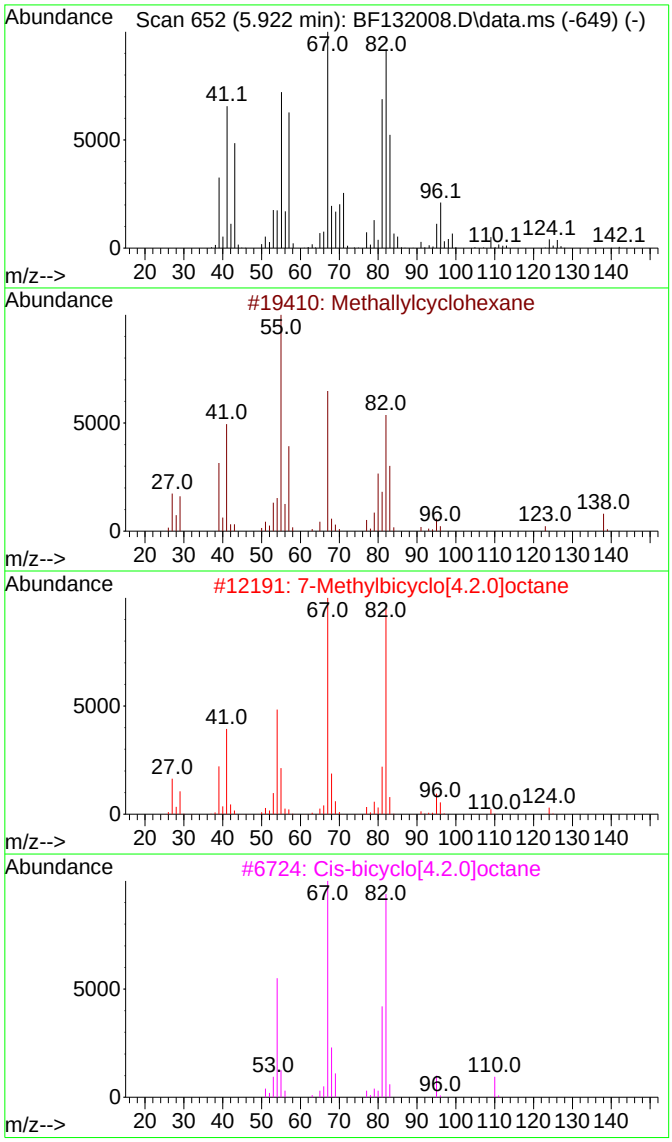
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

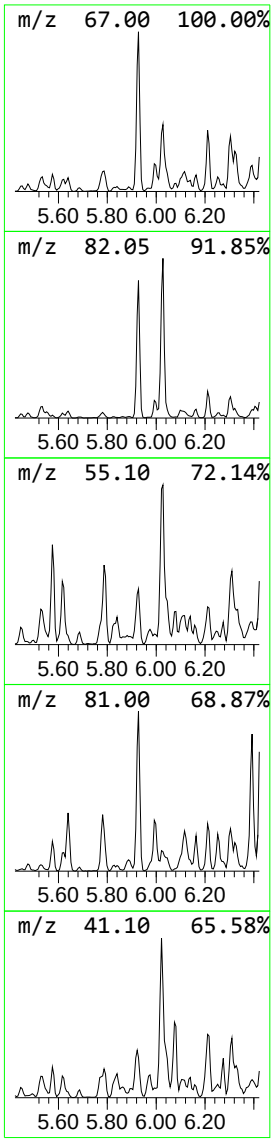
****

Peak Number 4 Methallylcyclohexane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.922	54.33 ng	1462240	1,4-Dichlorobenzene-d4	6.787

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methallylcyclohexane	138	C10H18	003990-93-0	53
2	7-Methylbicyclo[4.2.0]octane	124	C9H16	1000210-90-2	52
3	Cis-bicyclo[4.2.0]octane	110	C8H14	028282-35-1	50
4	2-Cyclohexen-1-one, 4,5-dimethyl-	124	C8H12O	005715-25-3	46
5	1,3-Pentadiene, 2-methyl-, (E)-	82	C6H10	000926-54-5	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011023\
Data File : BF132008.D
Acq On : 10 Jan 2023 21:33
Operator : CG\JU
Sample : 01080-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-1-(10-12)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF010923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

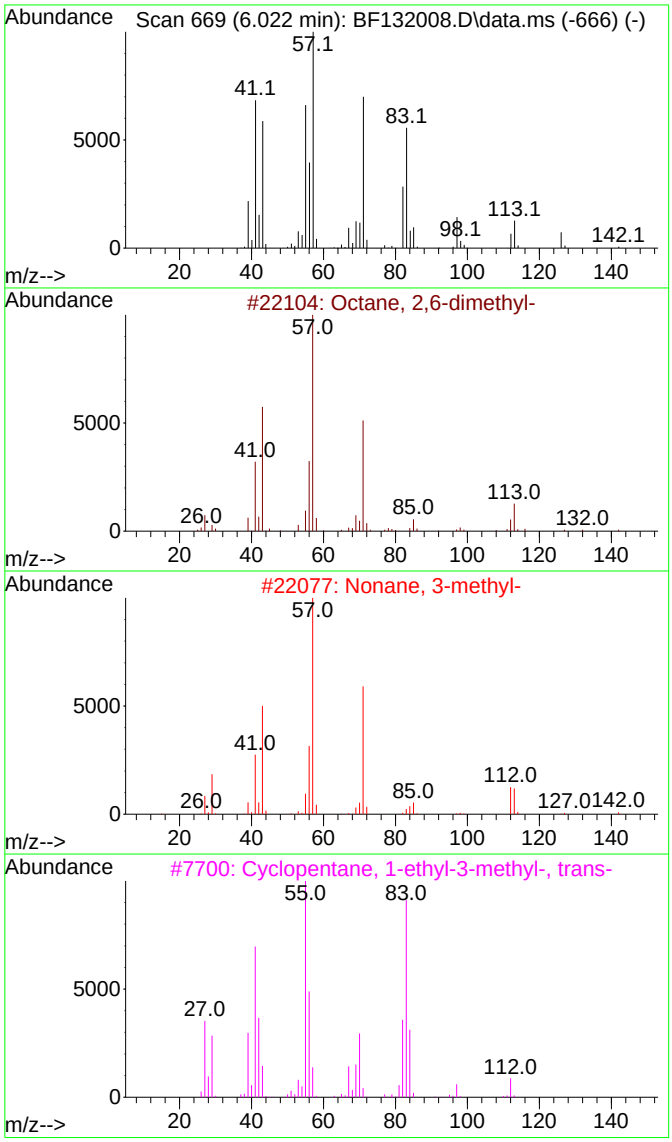
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

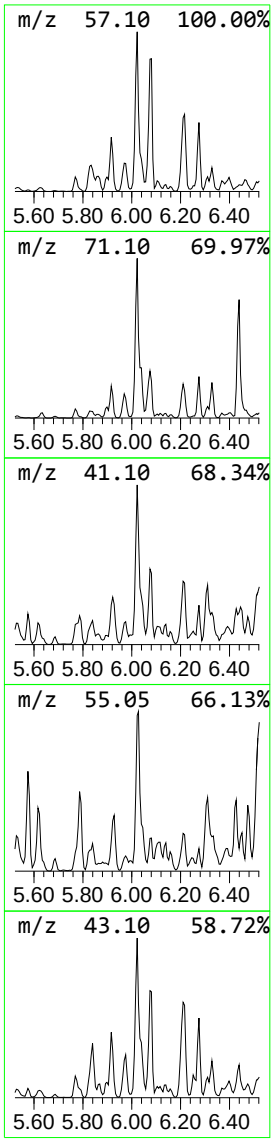
****

Peak Number 5 Octane, 2,6-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.022	117.11 ng	3152070	1,4-Dichlorobenzene-d4	6.787

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	53
2	Nonane, 3-methyl-	142	C10H22	005911-04-6	49
3	Cyclopentane, 1-ethyl-3-methyl-,...	112	C8H16	002613-65-2	46
4	Oxirane, pentyl-	114	C7H14O	005063-65-0	38
5	3-Bromooctane	192	C8H17Br	000999-64-4	30





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Data File : BF132008.D
Acq On : 10 Jan 2023 21:33
Operator : CG\JU
Sample : 01080-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-1-(10-12)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF010923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

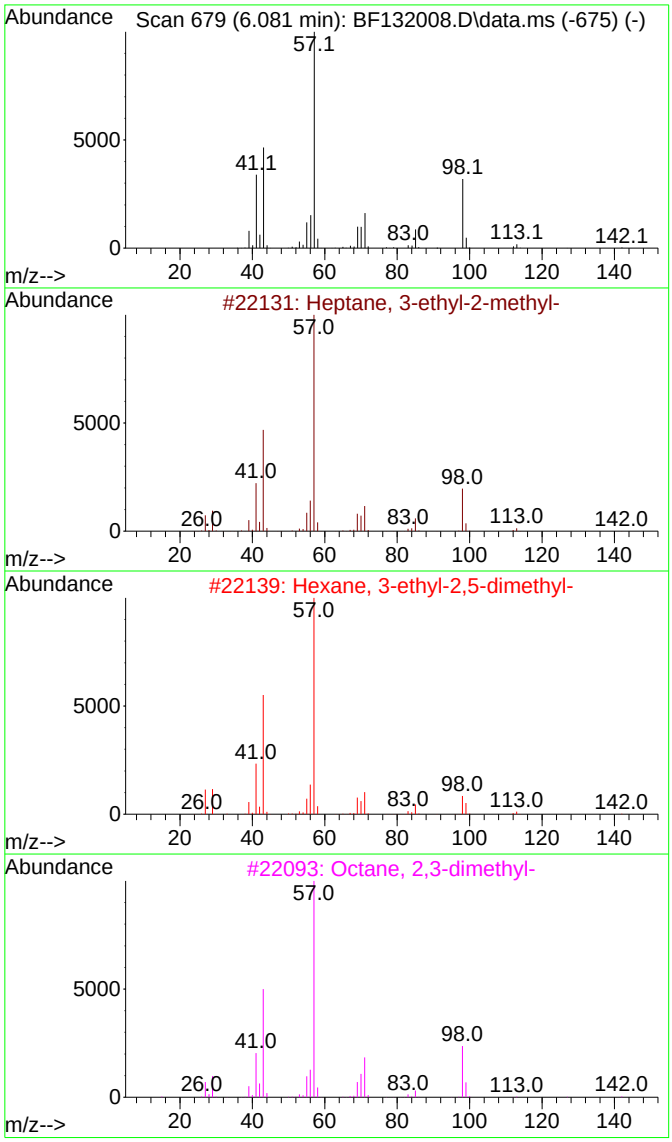
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

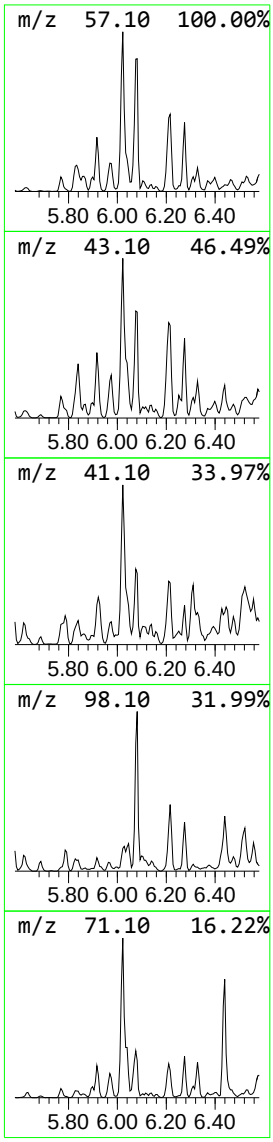
****

Peak Number 6 Heptane, 3-ethyl-2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.081	38.85 ng	1045740	1,4-Dichlorobenzene-d4	6.787

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	90
2	Hexane, 3-ethyl-2,5-dimethyl-	142	C10H22	052897-04-8	81
3	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	81
4	Heptane, 4-propyl-	142	C10H22	003178-29-8	78
5	Undecane, 6-methyl-	170	C12H26	017302-33-9	64





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Sample : 01080-01
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ALS Vial : 14 Sample Multiplier: 1

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ClientSampleId :
B-1-(10-12)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

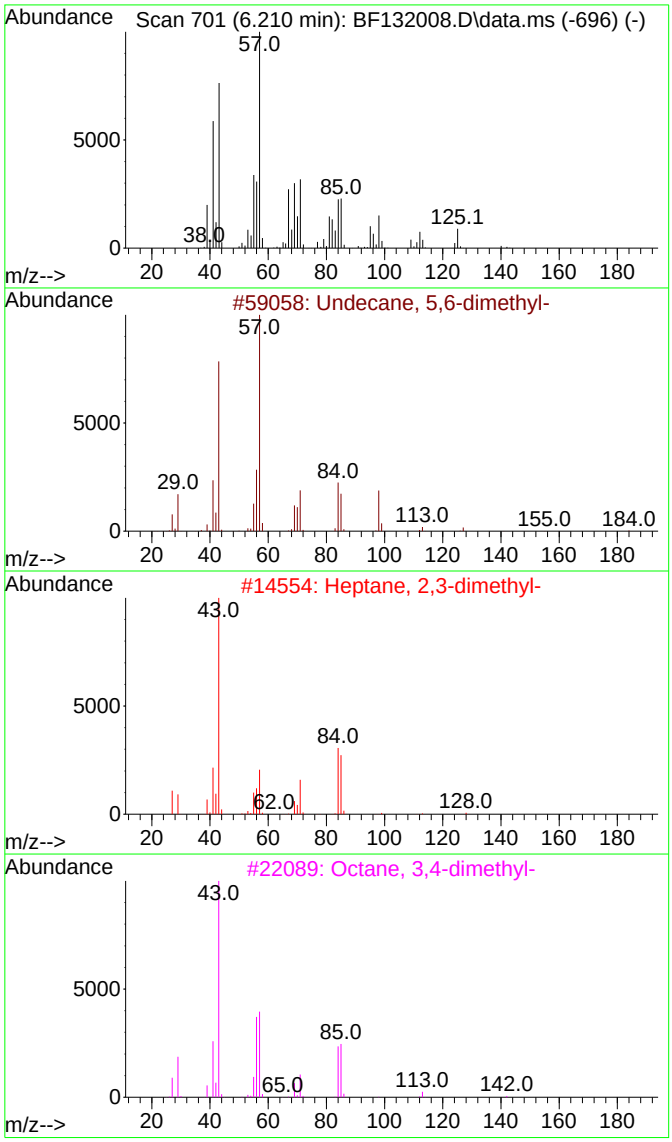
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

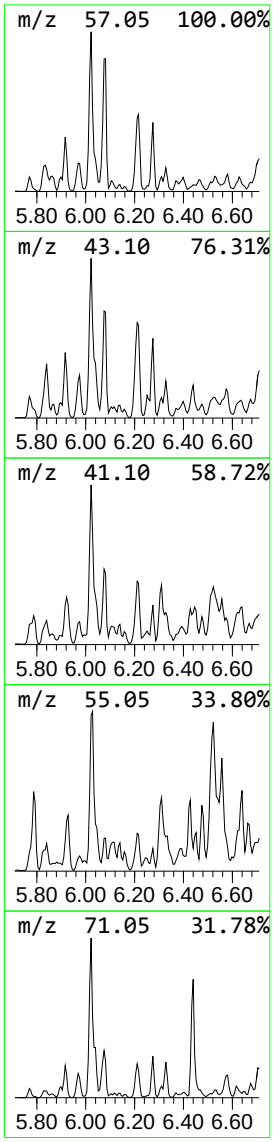
****

Peak Number 7 unknown6.210 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.210	59.13 ng	1591350	1,4-Dichlorobenzene-d4	6.787

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 5,6-dimethyl-	184	C13H28	017615-91-7	47
2	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	47
3	Octane, 3,4-dimethyl-	142	C10H22	015869-92-8	43
4	Nonane	128	C9H20	000111-84-2	43
5	Octane, 4-ethyl-	142	C10H22	015869-86-0	38





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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B-1-(10-12)

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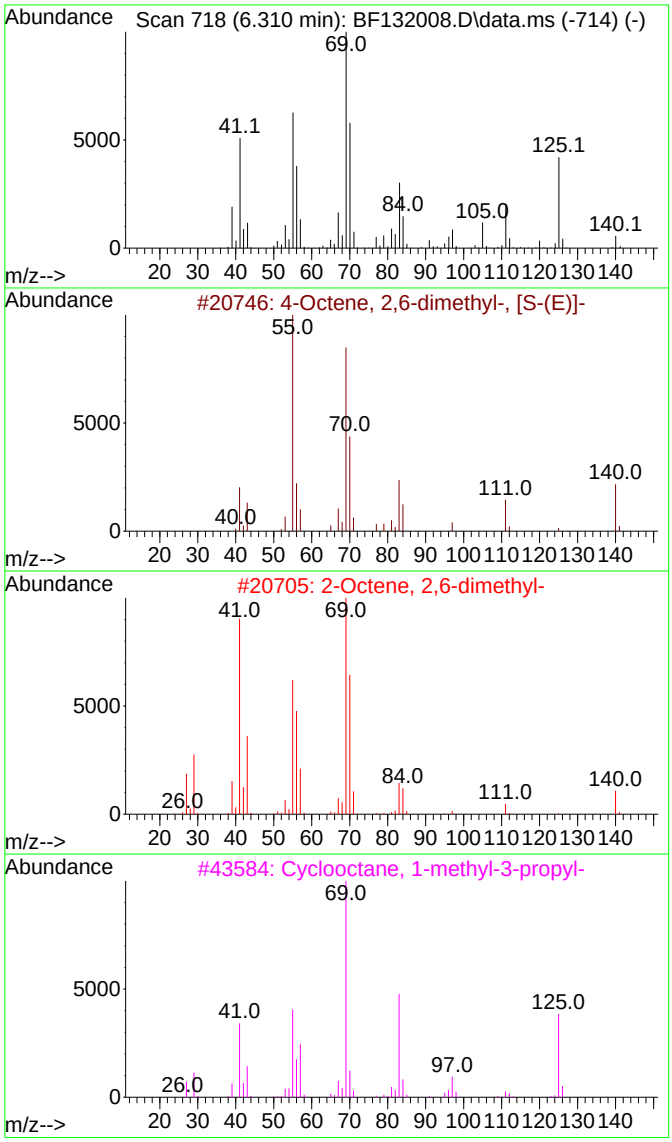
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

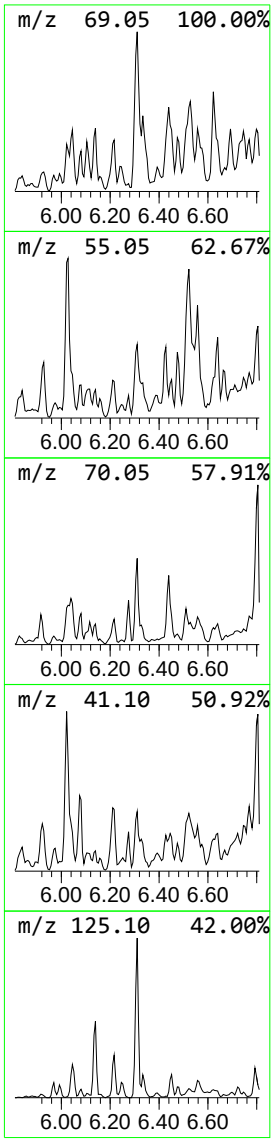
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 4-Octene, 2,6-dimethyl-, [S... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.310	82.42 ng	2218340	1,4-Dichlorobenzene-d4	6.787

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Octene, 2,6-dimethyl-, [S-(E)]-	140	C10H20	062960-76-3	76
2	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	58
3	Cyclooctane, 1-methyl-3-propyl-	168	C12H24	255885-37-1	50
4	Cyclopentane, 1-butyl-2-ethyl-	154	C11H22	072993-32-9	50
5	1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	46





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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B-1-(10-12)

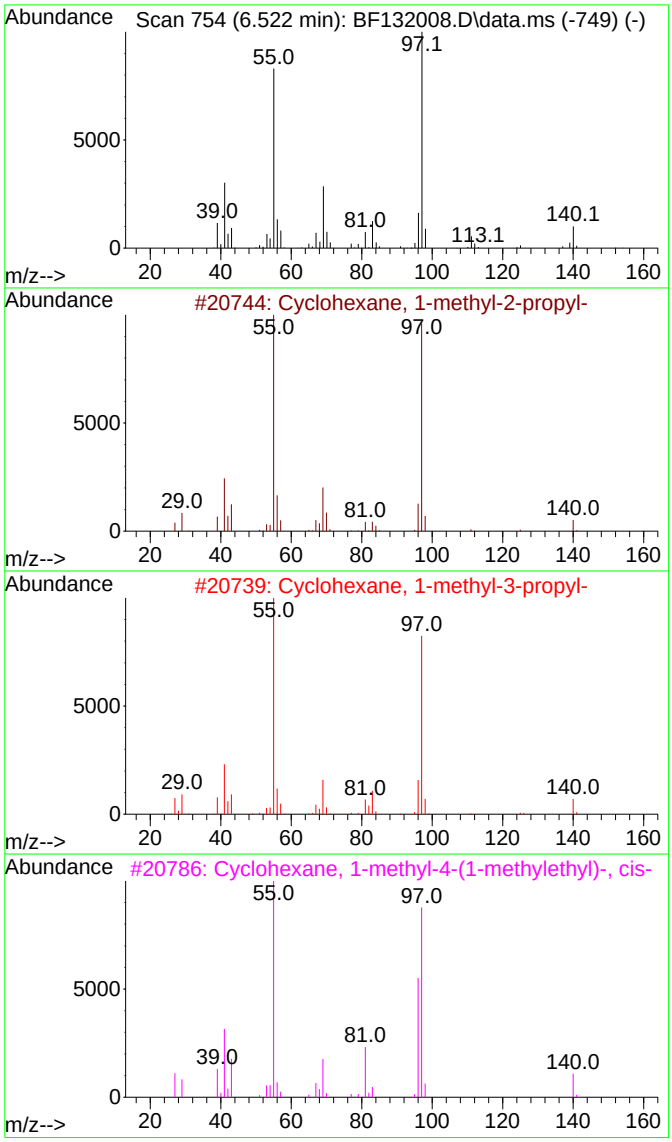
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF010923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

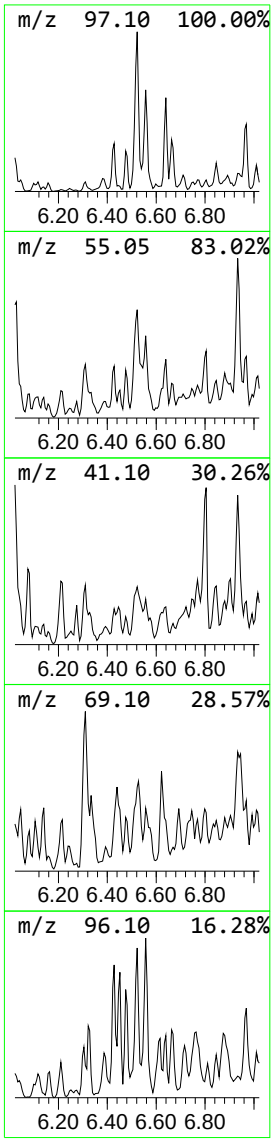
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Cyclohexane, 1-methyl-2-pro... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.522	82.97 ng	2233050	1,4-Dichlorobenzene-d4	6.787

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	90
2	Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	90
3	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	72
4	Sulfurous acid, cyclohexylmethyl...	346	C19H38O3S	1000309-22-0	72
5	Sulfurous acid, di(cyclohexylmet...	274	C14H26O3S	1010309-22-7	72





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ClientSampleId :
B-1-(10-12)

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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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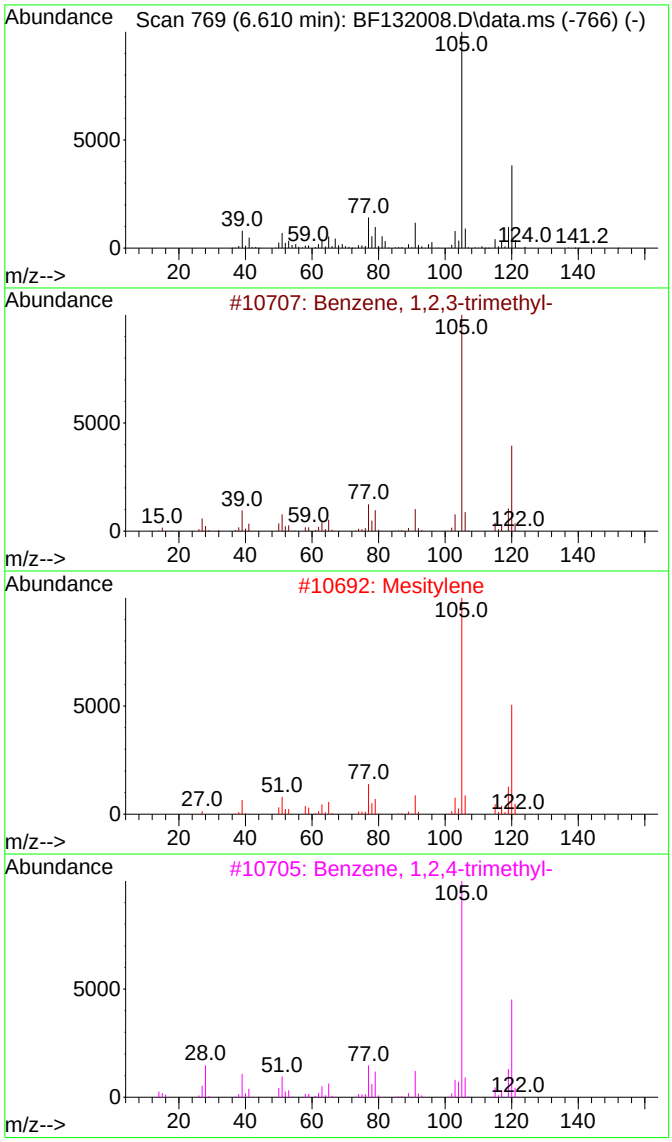
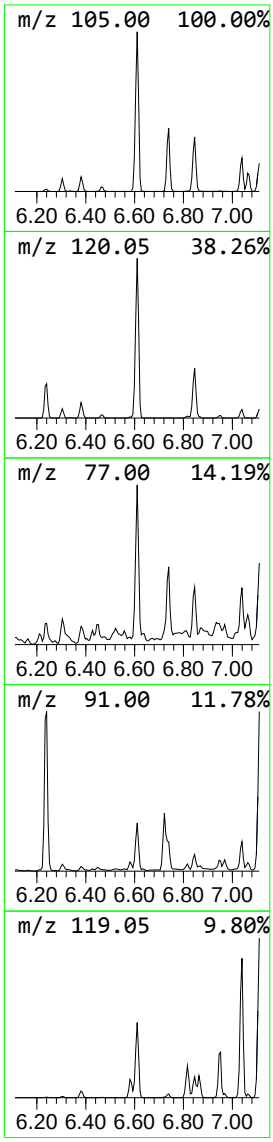
Peak Number 10 Benzene, 1,2,3-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.610	74.34 ng	2000870	1,4-Dichlorobenzene-d4	6.787

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	93
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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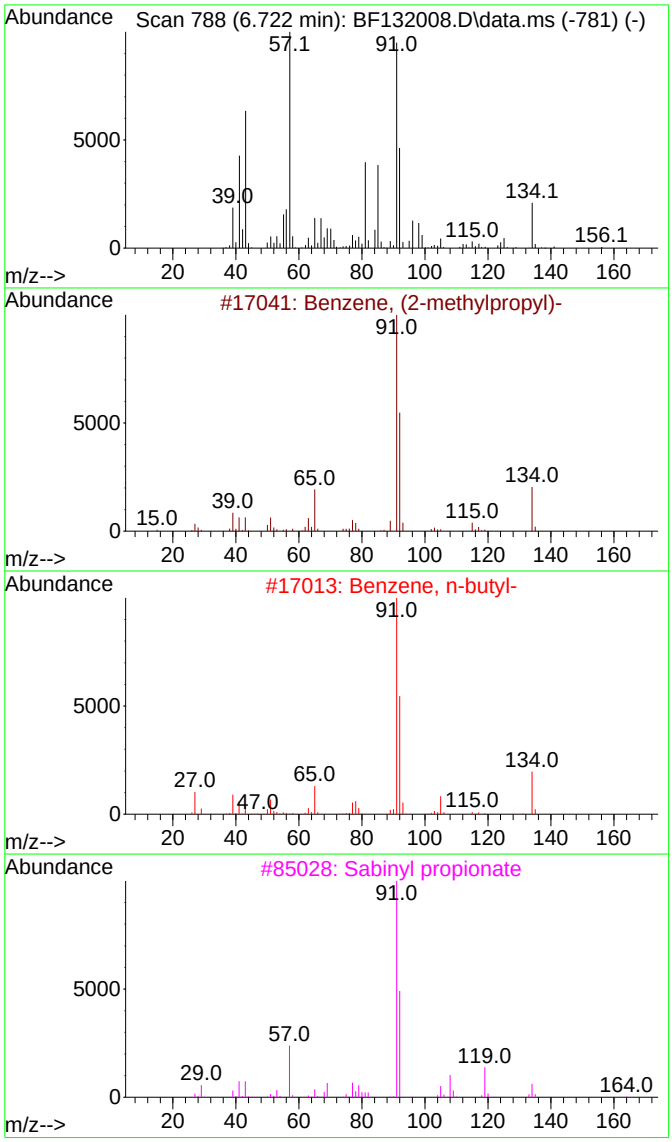
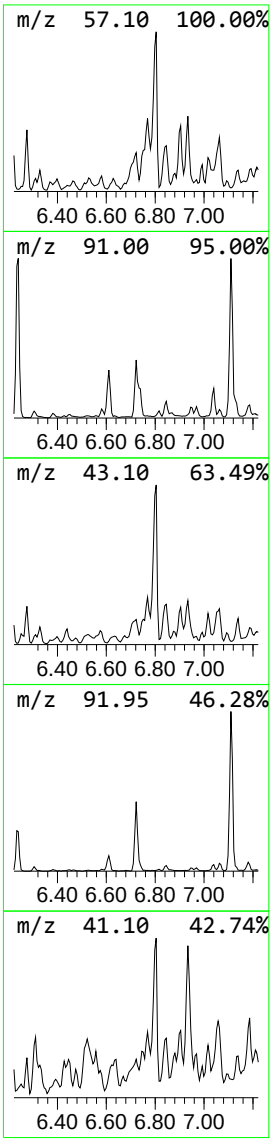
Peak Number 11 unknown6.722 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.722	33.42 ng	899526	1,4-Dichlorobenzene-d4	6.787

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	46
2	Benzene, n-butyl-	134	C10H14	000104-51-8	38
3	Sabinyl propionate	208	C13H20O2	005281-00-5	27
4	Heptane, 4-ethyl-	128	C9H20	002216-32-2	27
5	Spiro[2,4]hepta-4,6-diene	92	C7H8	000765-46-8	25





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Operator : CG\JU
Sample : 01080-01
Misc :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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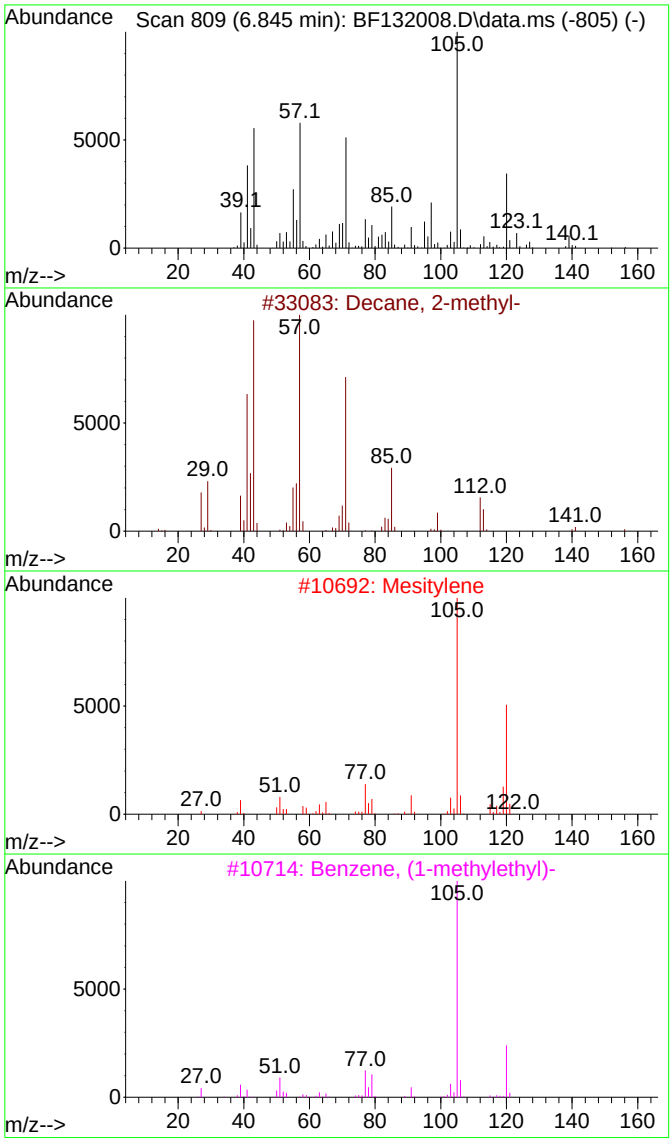
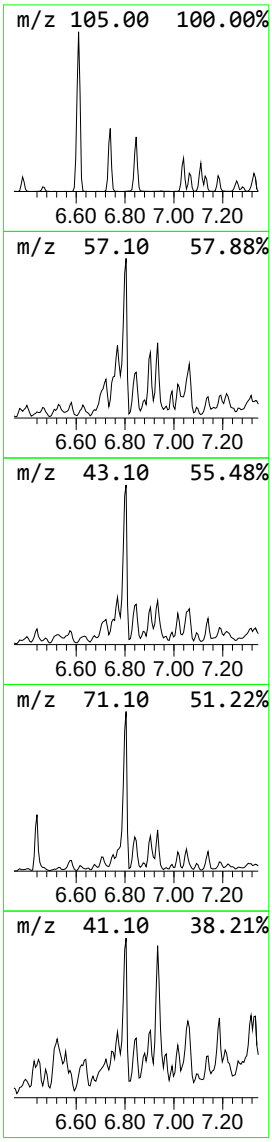
Peak Number 12 unknown6.845 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.845	52.52 ng	1413480	1,4-Dichlorobenzene-d4	6.787

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2-methyl-	156	C11H24	006975-98-0	38
2	Mesitylene	120	C9H12	000108-67-8	35
3	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	35
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	35
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	35





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

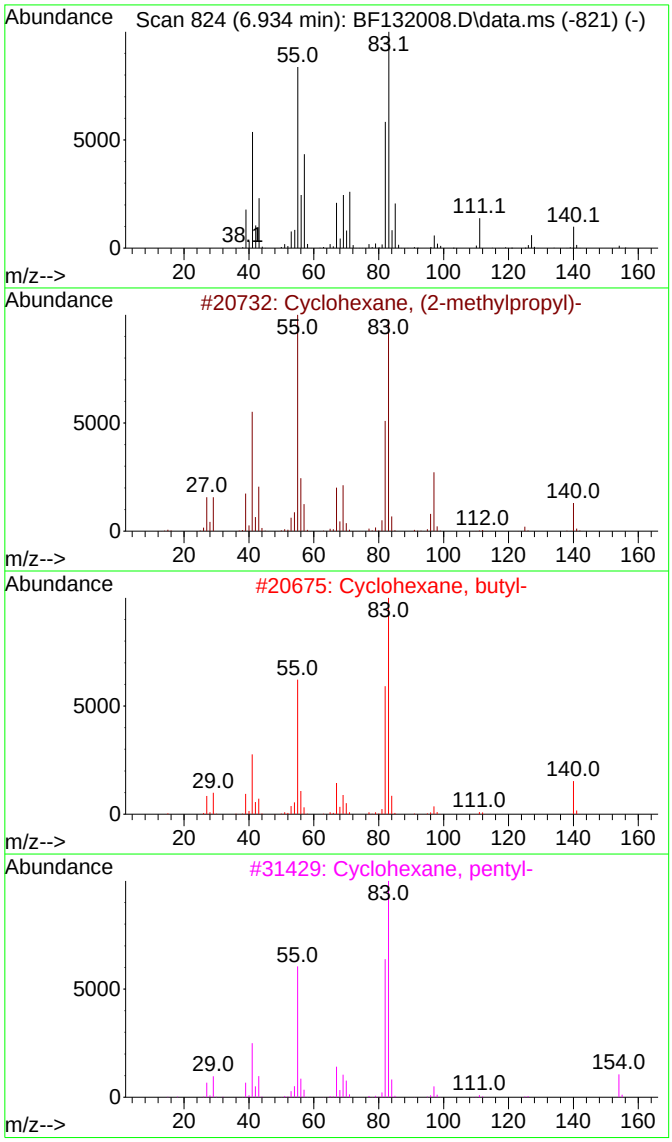
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

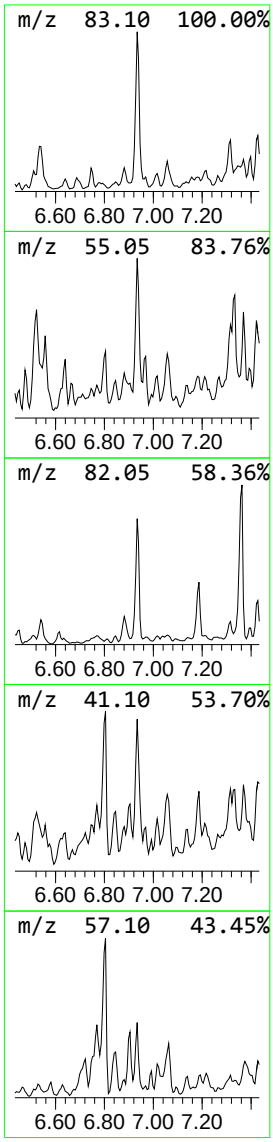
****

Peak Number 13 Cyclohexane, (2-methylpropyl)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.934	88.91 ng	2392950	1,4-Dichlorobenzene-d4	6.787

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	76
2	Cyclohexane, butyl-	140	C10H20	001678-93-9	62
3	Cyclohexane, pentyl-	154	C11H22	004292-92-6	58
4	Cyclohexane, propyl-	126	C9H18	001678-92-8	53
5	Cyclohexane, octyl-	196	C14H28	001795-15-9	53





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ClientSampleId :
B-1-(10-12)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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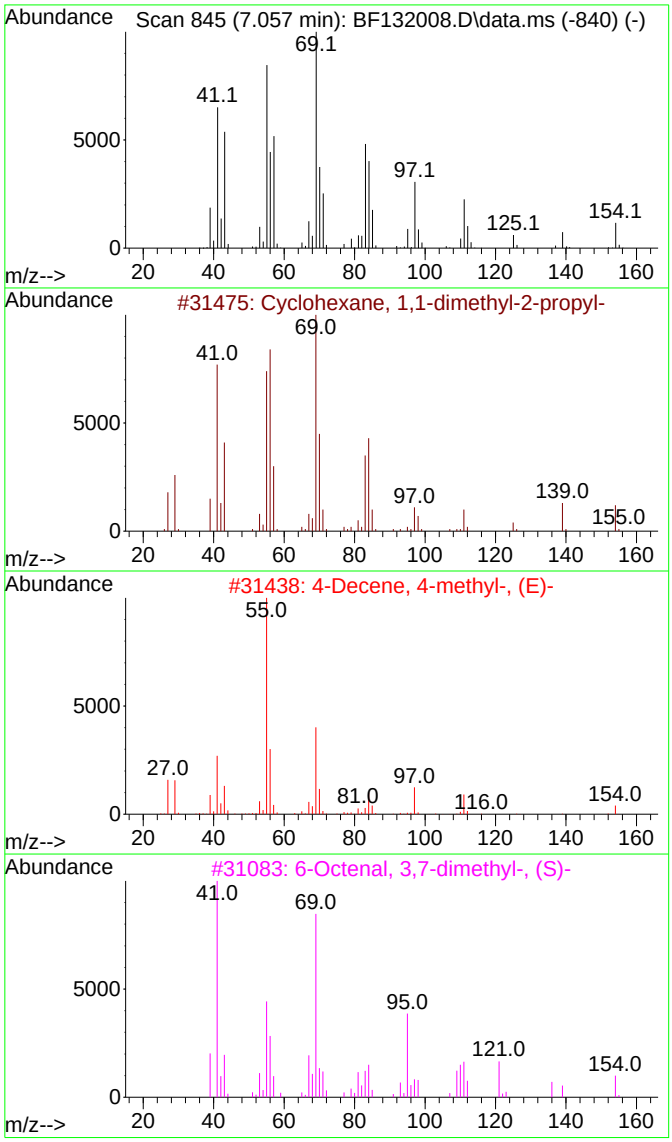
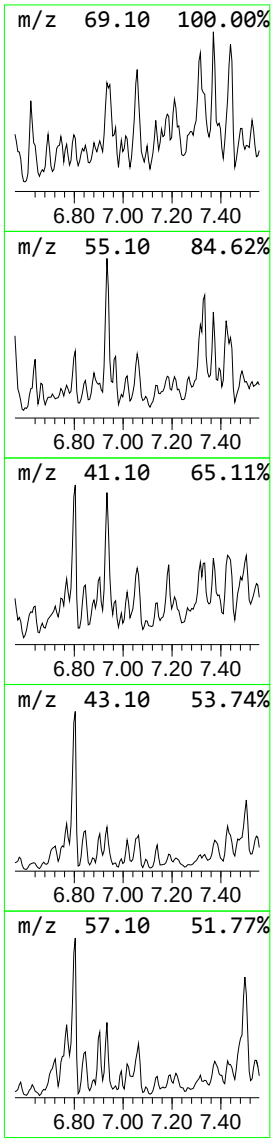
Peak Number 14 Cyclohexane, 1,1-dimethyl-2... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.057	95.31 ng	2565170	1,4-Dichlorobenzene-d4	6.787

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1-dimethyl-2-propyl-	154	C11H22	081983-71-3	53
2	4-Decene, 4-methyl-, (E)-	154	C11H22	060366-66-7	46
3	6-Octenal, 3,7-dimethyl-, (S)-	154	C10H18O	005949-05-3	46
4	4-Octene, 2,3,6-trimethyl-	154	C11H22	063830-65-9	43
5	Cyclopentane, 1-ethyl-2-methyl-,...	112	C8H16	000930-89-2	38





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

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

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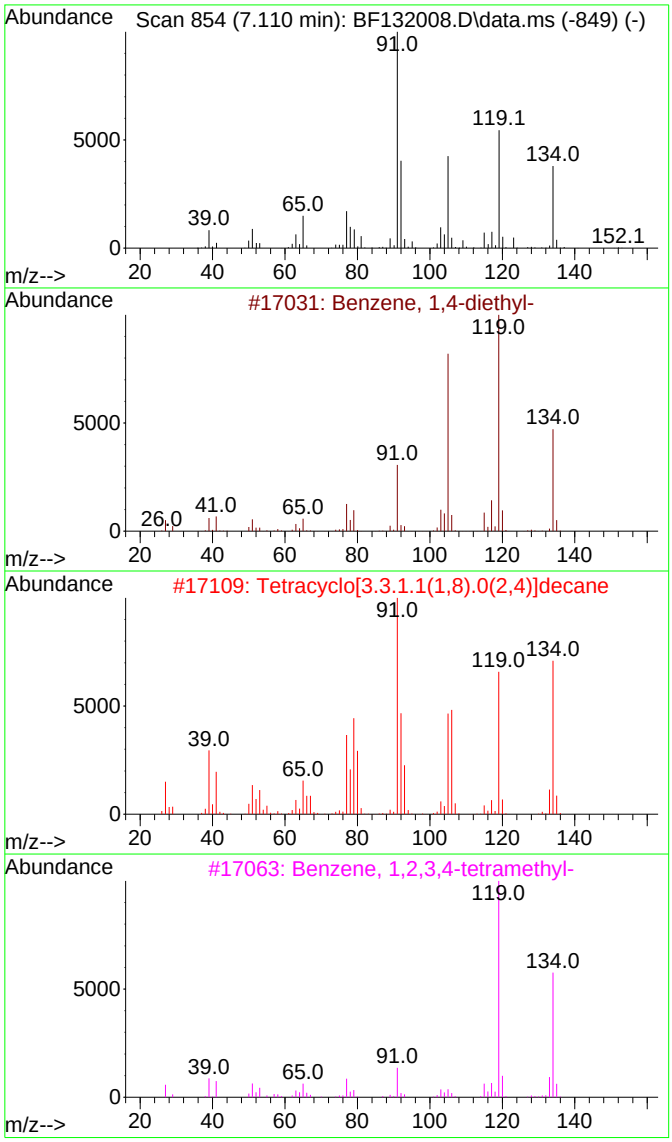
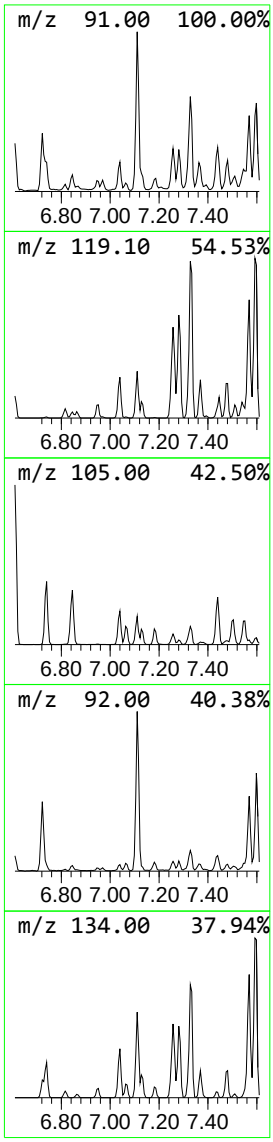
Peak Number 15 Benzene, 1,4-diethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.110	41.06 ng	1105100	1,4-Dichlorobenzene-d4	6.787

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	90
2	Tetracyclo[3.3.1.1(1,8).0(2,4)]d...	134	C10H14	1000185-58-7	83
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	76
4	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	70
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	70





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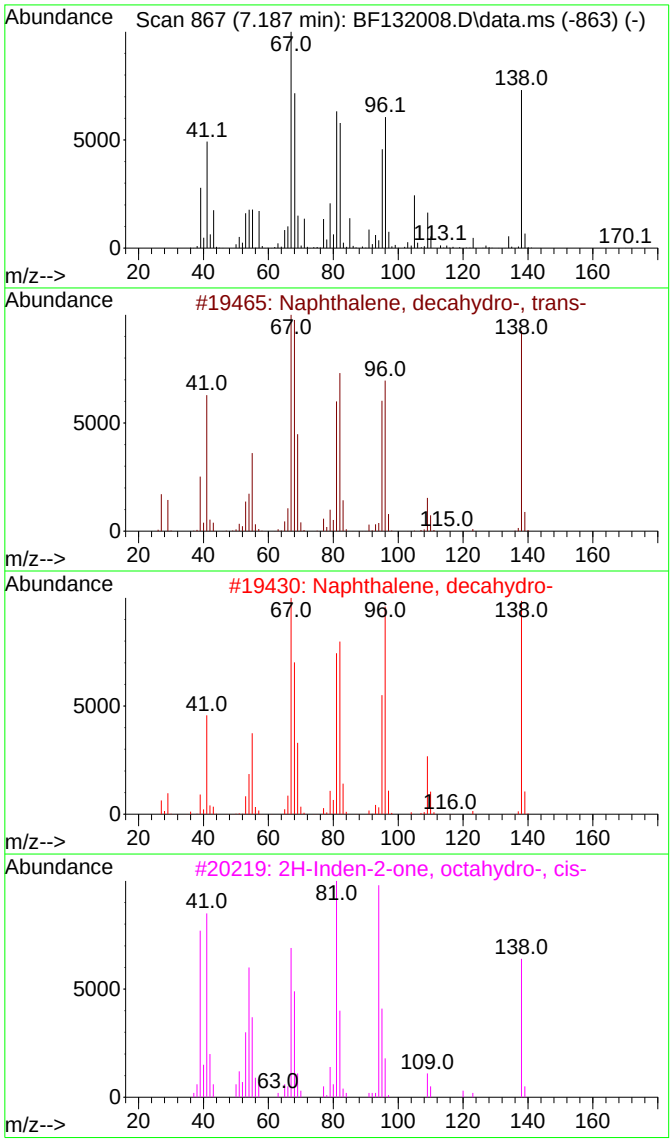
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

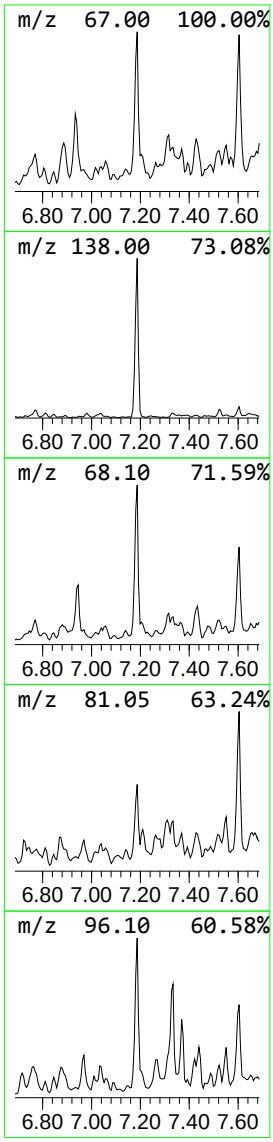
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Naphthalene, decahydro-, tr... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.187	60.10 ng	1617620	1,4-Dichlorobenzene-d4	6.787

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	94
2	Naphthalene, decahydro-	138	C10H18	000091-17-8	91
3	2H-Inden-2-one, octahydro-, cis-	138	C9H14O	005689-04-3	72
4	5H-Inden-5-one, octahydro-, trans-	138	C9H14O	004668-81-9	72
5	1,1'-Bicyclopentyl	138	C10H18	001636-39-1	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011023\
Data File : BF132008.D
Acq On : 10 Jan 2023 21:33
Operator : CG\JU
Sample : 01080-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-1-(10-12)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF010923.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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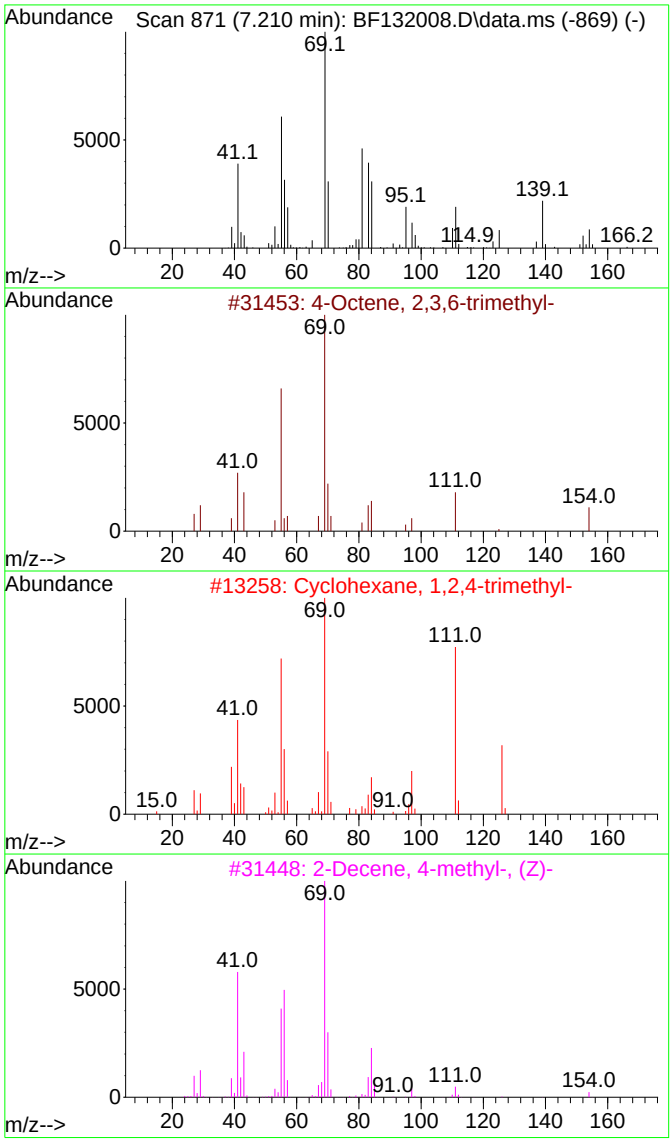
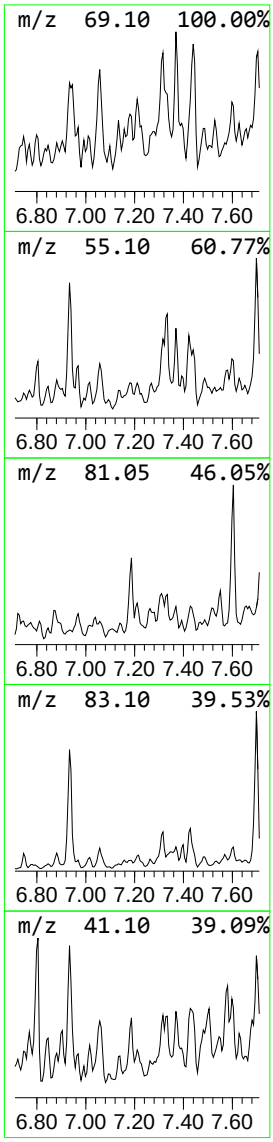
Peak Number 17 unknown7.210 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.210	27.65 ng	744257	1,4-Dichlorobenzene-d4	6.787

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Octene, 2,3,6-trimethyl-	154	C11H22	063830-65-9	49
2	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	47
3	2-Decene, 4-methyl-, (Z)-	154	C11H22	074630-30-1	47
4	1-Octene, 3,3-dimethyl-	140	C10H20	074511-51-6	43
5	4-Decene, 4-methyl-, (E)-	154	C11H22	060366-66-7	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011023\
Data File : BF132008.D
Acq On : 10 Jan 2023 21:33
Operator : CG\JU
Sample : 01080-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-1-(10-12)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF010923.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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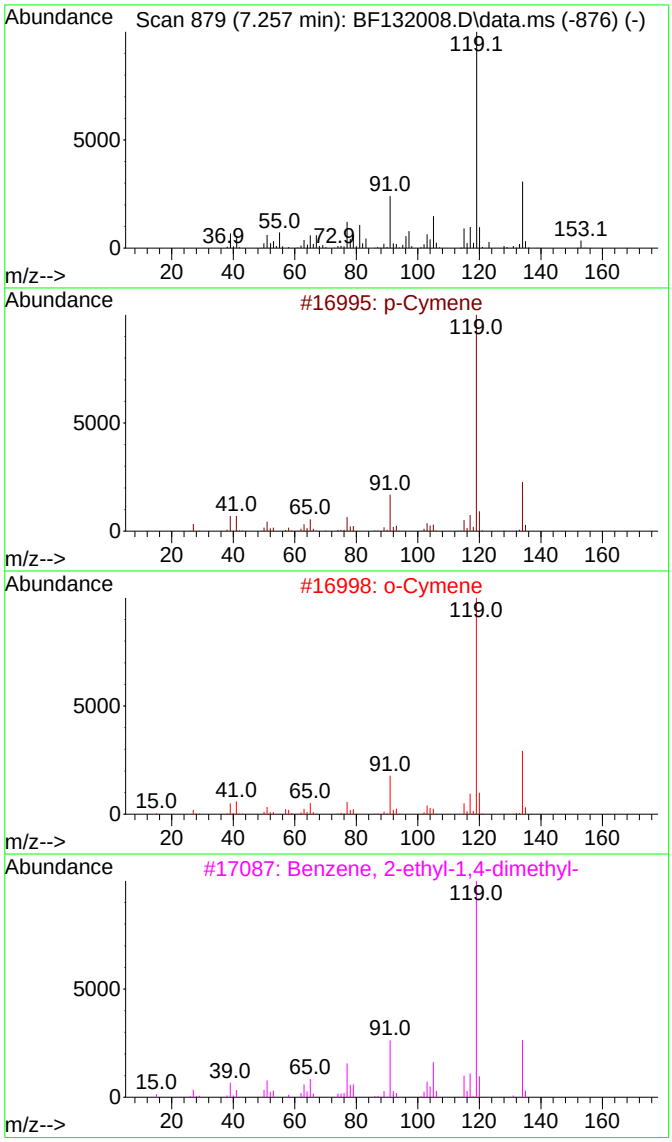
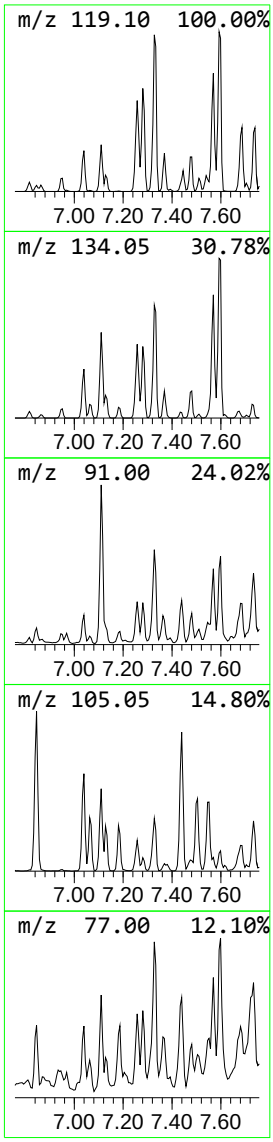
Peak Number 18 p-Cymene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.257	34.09 ng	917478	1,4-Dichlorobenzene-d4	6.787

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	95
2	o-Cymene	134	C10H14	000527-84-4	95
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94





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Data File : BF132008.D
Acq On : 10 Jan 2023 21:33
Operator : CG\JU
Sample : 01080-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-1-(10-12)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF010923.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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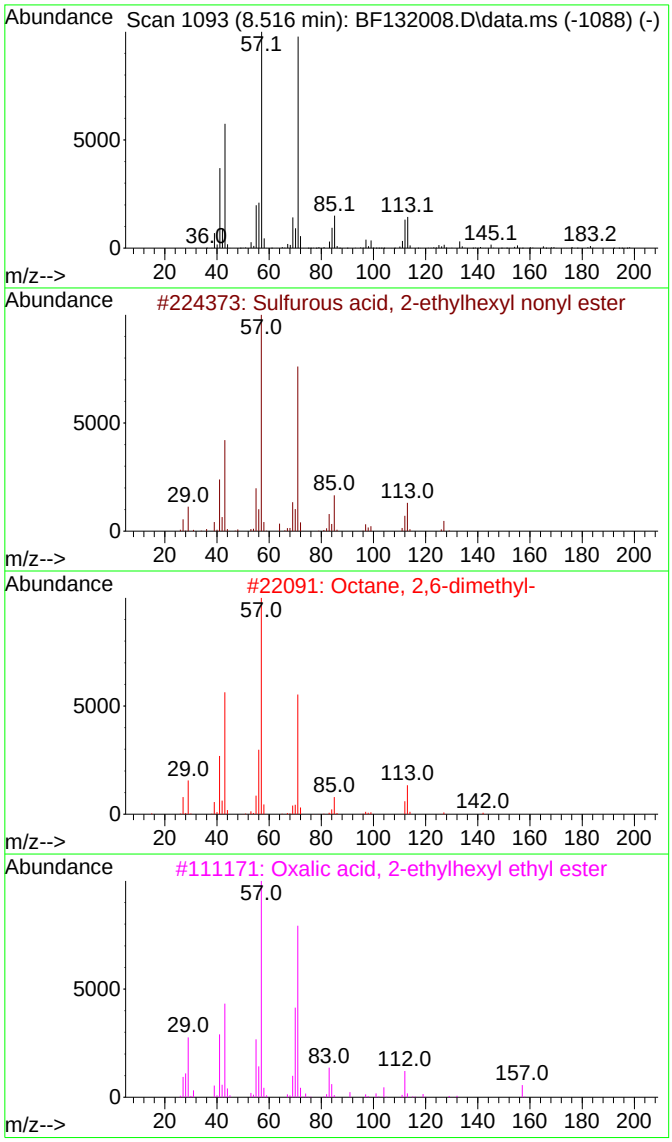
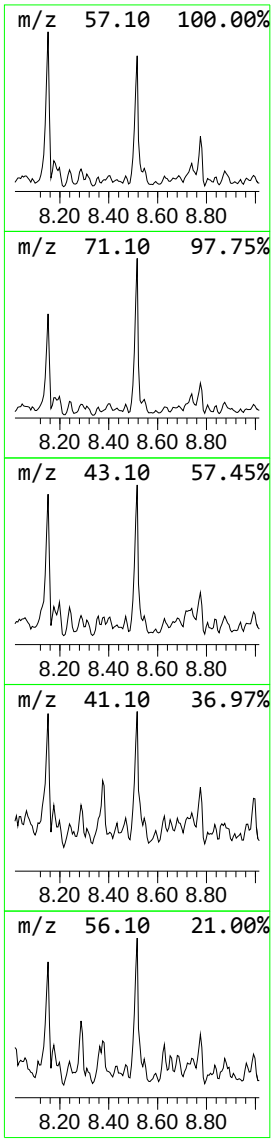
Peak Number 19 Sulfurous acid, 2-ethylhexy... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.516	47.74 ng	5842250	Naphthalene-d8	8.087

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1010309-19-2	80
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	78
3	Oxalic acid, 2-ethylhexyl ethyl ...	230	C12H22O4	1000309-38-4	72
4	Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	64
5	Decane, 5-propyl-	184	C13H28	017312-62-8	64





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Data File : BF132008.D
Acq On : 10 Jan 2023 21:33
Operator : CG\JU
Sample : 01080-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-1-(10-12)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF010923.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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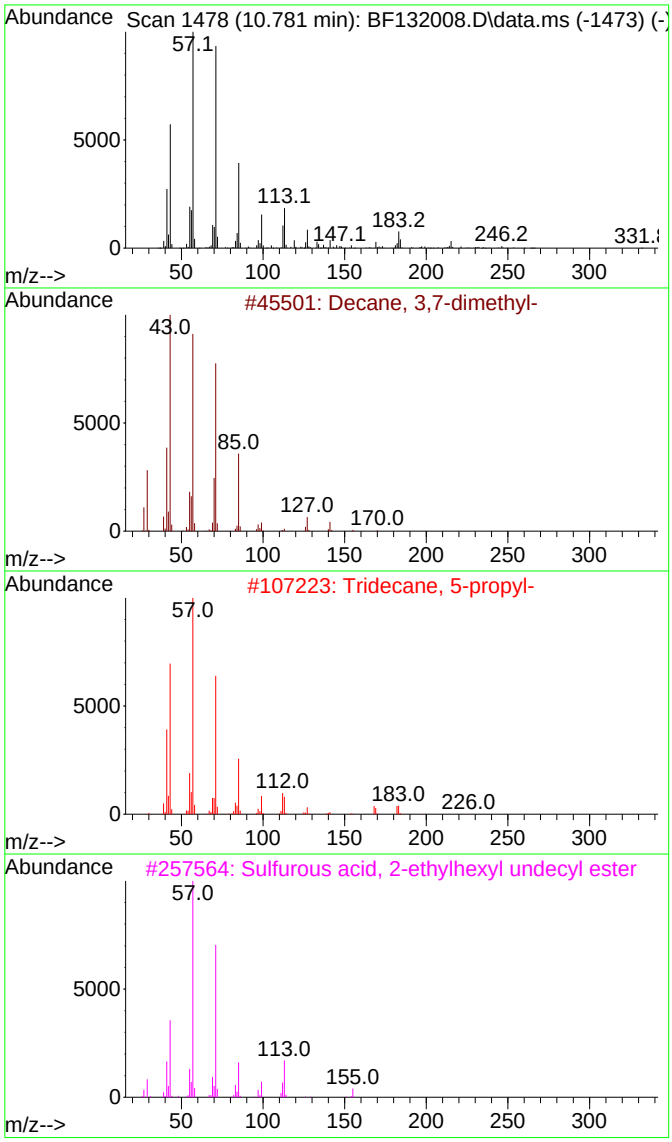
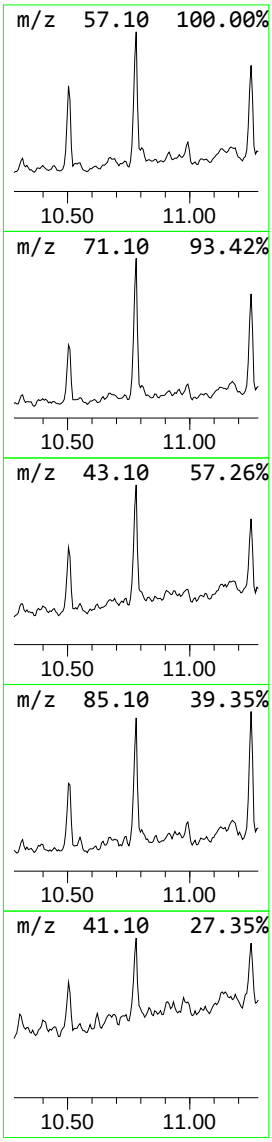
Peak Number 20 Decane, 3,7-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.781	36.01 ng	4191660	Phenanthrene-d10	11.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	74
2	Tridecane, 5-propyl-	226	C16H34	055045-11-9	68
3	Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	64
4	Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	64
5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	58





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011023\
Data File : BF132008.D
Acq On : 10 Jan 2023 21:33
Operator : CG\JU
Sample : 01080-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-1-(10-12)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF010923.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
unknown5.163	5.163	29.3	ng	788197	1	6.787	538290	20.0
Cyclohexane, 1-...	5.616	27.5	ng	739824	1	6.787	538290	20.0
Cyclohexane, 1-...	5.787	39.6	ng	1066220	1	6.787	538290	20.0
Methallylcycloh...	5.922	54.3	ng	1462240	1	6.787	538290	20.0
Octane, 2,6-dim...	6.022	117.1	ng	3152070	1	6.787	538290	20.0
Heptane, 3-ethy...	6.081	38.9	ng	1045740	1	6.787	538290	20.0
unknown6.210	6.210	59.1	ng	1591350	1	6.787	538290	20.0
4-Octene, 2,6-d...	6.310	82.4	ng	2218340	1	6.787	538290	20.0
Cyclohexane, 1-...	6.522	83.0	ng	2233050	1	6.787	538290	20.0
Benzene, 1,2,3-...	6.610	74.3	ng	2000870	1	6.787	538290	20.0
unknown6.722	6.722	33.4	ng	899526	1	6.787	538290	20.0
unknown6.845	6.845	52.5	ng	1413480	1	6.787	538290	20.0
Cyclohexane, (2...	6.934	88.9	ng	2392950	1	6.787	538290	20.0
Cyclohexane, 1,...	7.057	95.3	ng	2565170	1	6.787	538290	20.0
Benzene, 1,4-di...	7.110	41.1	ng	1105100	1	6.787	538290	20.0
Naphthalene, de...	7.187	60.1	ng	1617620	1	6.787	538290	20.0
unknown7.210	7.210	27.6	ng	744257	1	6.787	538290	20.0
p-Cymene	7.257	34.1	ng	917478	1	6.787	538290	20.0
Sulfurous acid,...	8.516	47.7	ng	5842250	2	8.087	2447370	20.0
Decane, 3,7-dim...	10.781	36.0	ng	4191660	4	11.351	2327980	20.0