LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091418\
Data File : BF109001.D
Acq On : 14 Sep 2018 18:09
Operator : JU/SJ
Sample : J4906-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-PIT-1

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-BF091418.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.748	55	70	78	rVB	533335	1288789	16.01%	0.499%
2	3.690	220	230	238	rVV2	1101037	2396893	29.78%	0.928%
3	3.842	248	256	261	rVV	736144	1321573	16.42%	0.512%
4	3.990	271	281	285	rBV2	1025136	1711271	21.26%	0.662%
5	4.337	334	340	347	rBV4	1639923	2576019	32.01%	0.997%
6	4.772	410	414	418	rVB	1502823	1778994	22.10%	0.689%
7	4.825	418	423	426	rBV4	500628	947647	11.77%	0.367%
8	4.866	426	430	435	rVB2	2212654	3020562	37.53%	1.169%
9	4.925	435	440	444	rBV	2522011	2759723	34.29%	1.068%
10	5.054	455	462	469	rVB4	628097	1055446	13.11%	0.409%
11	5.131	470	475	478	rBV	2339440	2640231	32.80%	1.022%
12	5.225	488	491	493	rBV	1580355	1690204	21.00%	0.654%
13	5.248	493	495	499	rVB	2020098	1789266	22.23%	0.693%
14	5.325	501	508	514	rVB	4253825	5807802	72.16%	2.248%
15	5.413	519	523	526	rBV2	994095	940370	11.68%	0.364%
16	5.495	533	537	540	rBV2	1972601	2411316	29.96%	0.933%
17	5.542	542	545	548	rVB	2232736	1926554	23.94%	0.746%
18	5.584	548	552	558	rBV2	1582020	2151020	26.73%	0.833%
19	5.654	558	564	568	rVB2	829213	1198680	14.89%	0.464%
20	5.748	574	580	584	rVB3	2056446	3187994	39.61%	1.234%
21	5.813	584	591	593	rBV5	1026310	2054479	25.53%	0.795%
22	5.889	598	604	608	rVB2	3906611	4602711	57.19%	1.782%
23	5.942	608	613	617	rBV3	1217021	2145904	26.66%	0.831%
24	5.989	617	621	627	rVB3	5690339	8048356	100.00%	3.116%
25	6.048	627	631	633	rBV	2826810	2778225	34.52%	1.075%
26	6.184	647	654	657	rBV4	2915856	4730391	58.77%	1.831%
27	6.248	662	665	667	rVV	2972410	2912880	36.19%	1.128%
28	6.272	667	669	673	rVV3	3175017	4373852	54.34%	1.693%
29	6.336	677	680	682	rBV	3626206	3972770	49.36%	1.538%
30	6.413	691	693	695	rVB3	1448469	1187806	14.76%	0.460%
31	6.436	695	697	700	rVB2	1006217	913029	11.34%	0.353%
32	6.489	700	706	709	rBV5	3643634	6578230	81.73%	2.546%
33	6.519	709	711	713	rVV	1127309	997278	12.39%	0.386%
34	6.595	719	724	726	rVB2	1317587	1827099	22.70%	0.707%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091418\
Data File : BF109001.D
Acq On : 14 Sep 2018 18:09
Operator : JU/SJ
Sample : J4906-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-PIT-1

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-BF091418.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	6.689	735	740	742	rBV3	1341341	2323215	28.87%	0.899%
36	6.731	744	747	750	rVV2	1523897	2181563	27.11%	0.844%
37	6.766	750	753	755	rVB	4974714	4764056	59.19%	1.844%
38	6.807	755	760	763	rBV4	1483926	2395609	29.77%	0.927%
39	6.866	767	770	771	rVV2	1199219	1231447	15.30%	0.477%
40	6.895	771	775	779	rVV5	4110938	7053203	87.64%	2.730%
41	6.983	786	790	793	rBV3	1767999	2228176	27.68%	0.863%
42	7.025	793	797	800	rVB2	2364427	3726723	46.30%	1.443%
43	7.060	800	803	805	rVB	3918036	3574510	44.41%	1.384%
44	7.089	805	808	812	rVB	3044243	3257723	40.48%	1.261%
45	7.136	812	816	818	rBV2	4329986	4584836	56.97%	1.775%
46	7.278	834	840	843	rBV2	4728137	7653222	95.09%	2.963%
47	7.301	843	844	846	rVV	1528244	1243232	15.45%	0.481%
48	7.325	846	848	850	rVB	1263108	940339	11.68%	0.364%
49	7.389	854	859	862	rBV4	3144200	4857726	60.36%	1.880%
50	7.460	862	871	874	rBV5	2430788	4595953	57.10%	1.779%
51	7.507	874	879	881	rBV4	2163262	2708056	33.65%	1.048%
52	7.536	881	884	890	rVB4	3076841	4686386	58.23%	1.814%
53	7.648	894	903	907	rBV6	3079548	7253761	90.13%	2.808%
54	7.713	911	914	917	rVB2	2214008	2535341	31.50%	0.981%
55	7.760	917	922	924	rBV4	3415131	5508272	68.44%	2.132%
56	7.783	924	926	931	rVB3	2986533	3056561	37.98%	1.183%
57	7.830	931	934	935	rBV2	1976774	1826446	22.69%	0.707%
58	7.889	941	944	946	rBV	1707143	1563123	19.42%	0.605%
59	7.930	946	951	953	rVV3	780789	1448483	18.00%	0.561%
60	7.966	954	957	958	rVV2	1781234	1812747	22.52%	0.702%
61	7.983	958	960	961	rVV	2125251	1922133	23.88%	0.744%
62	8.013	961	965	967	rVV	4206229	5814694	72.25%	2.251%
63	8.036	967	969	971	rVV2	2290841	2615228	32.49%	1.012%
64	8.066	972	974	976	rVV	2622998	2714898	33.73%	1.051%
65	8.095	976	979	985	rVV2	4534278	6123609	76.09%	2.370%
66	8.142	985	987	990	rVB3	1229194	1080013	13.42%	0.418%
67	8.178	990	993	994	rBV	817347	946224	11.76%	0.366%
68	8.189	994	995	1000	rVV4	1049800	1263606	15.70%	0.489%
69	8.230	1000	1002	1004	rVV	1338342	1090717	13.55%	0.422%
70	8.313	1011	1016	1019	rVV4	2416513	3727684	46.32%	1.443%
71	8.342	1019	1021	1023	rVB2	1258489	951070	11.82%	0.368%

LSC Area Percent Report

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Data File : BF109001.D
Acq On : 14 Sep 2018 18:09
Operator : JU/SJ
Sample : J4906-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-PIT-1

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-BF091418.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	8.372	1023	1026	1028	rBV3	1485521	1146090	14.24%	0.444%
73	8.401	1028	1031	1036	rVB5	1943687	2215665	27.53%	0.858%
74	8.454	1036	1040	1043	rBV	3797583	3996189	49.65%	1.547%
75	8.483	1043	1045	1048	rVB3	1292708	1074779	13.35%	0.416%
76	8.725	1081	1086	1089	rVB3	3291302	4311582	53.57%	1.669%
77	8.819	1099	1102	1106	rVB	1931316	1943851	24.15%	0.752%
78	9.048	1138	1141	1143	rVB	2299676	2052798	25.51%	0.795%
79	9.083	1143	1147	1149	rVB	2376008	2183690	27.13%	0.845%
80	9.172	1159	1162	1167	rBV6	827167	1550408	19.26%	0.600%
81	9.277	1178	1180	1186	rVB2	651129	917535	11.40%	0.355%
82	9.342	1187	1191	1194	rBV	1066122	1523814	18.93%	0.590%
83	9.419	1201	1204	1206	rVV	1442579	1562198	19.41%	0.605%
84	9.442	1206	1208	1211	rVV	1269785	1296018	16.10%	0.502%
85	9.477	1211	1214	1215	rVV	1323648	1322877	16.44%	0.512%
86	9.501	1215	1218	1220	rVV2	2407179	2533702	31.48%	0.981%
87	9.677	1245	1248	1250	rVB	1071452	947231	11.77%	0.367%
88	9.754	1256	1261	1266	rBV5	1638045	2374571	29.50%	0.919%
89	9.930	1288	1291	1294	rVV4	617697	1008333	12.53%	0.390%
90	9.960	1294	1296	1299	rVV2	1039961	1065454	13.24%	0.412%
91	10.024	1304	1307	1311	rVV2	1327858	1363934	16.95%	0.528%
92	10.154	1326	1329	1335	rVV3	388498	957825	11.90%	0.371%
93	10.424	1370	1375	1377	rBV	2045560	2287343	28.42%	0.885%
94	10.536	1391	1394	1398	rVB2	2073681	1911882	23.75%	0.740%
95	10.689	1414	1420	1426	rBV	2759268	3095538	38.46%	1.198%
96	11.148	1495	1498	1503	rVB	1153214	1142338	14.19%	0.442%
97	11.230	1509	1512	1514	rVV	1456333	1174660	14.60%	0.455%
98	12.807	1776	1780	1784	rBV	2474613	2247825	27.93%	0.870%
99	13.848	1953	1957	1961	rBV	1191018	1125147	13.98%	0.436%
100	15.254	2191	2196	2200	rVV	891998	1011014	12.56%	0.391%

Sum of corrected areas: 258328240

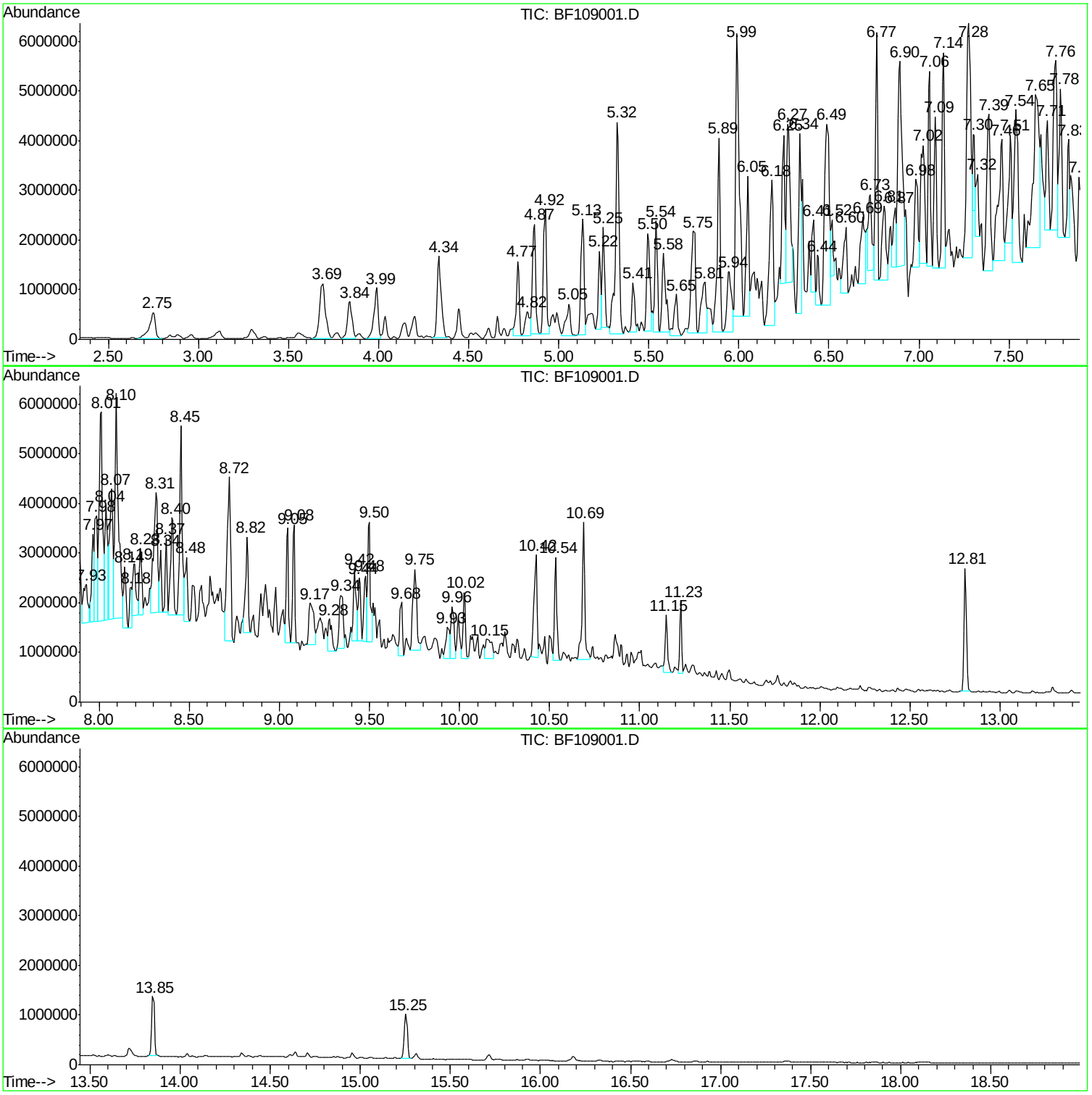
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091418\
Data File : BF109001.D
Acq On : 14 Sep 2018 18:09
Operator : JU/SJ
Sample : J4906-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-PIT-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091418\
Data File : BF109001.D
Acq On : 14 Sep 2018 18:09
Operator : JU/SJ
Sample : J4906-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-PIT-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

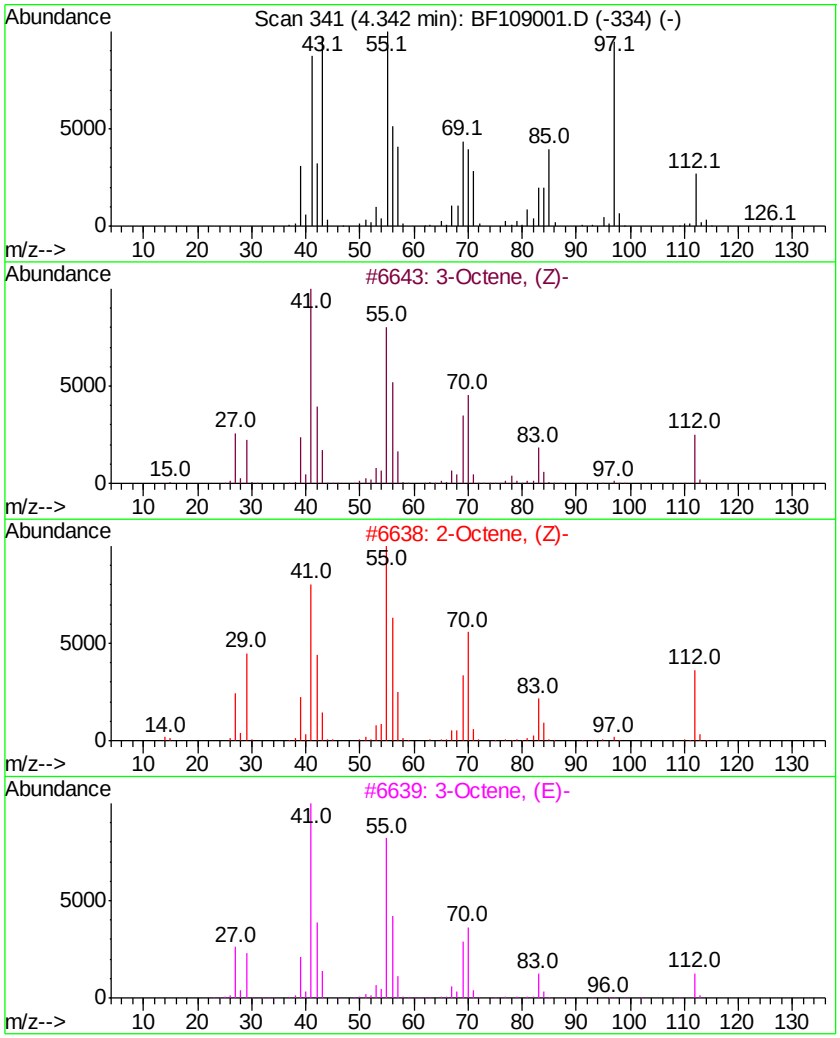
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

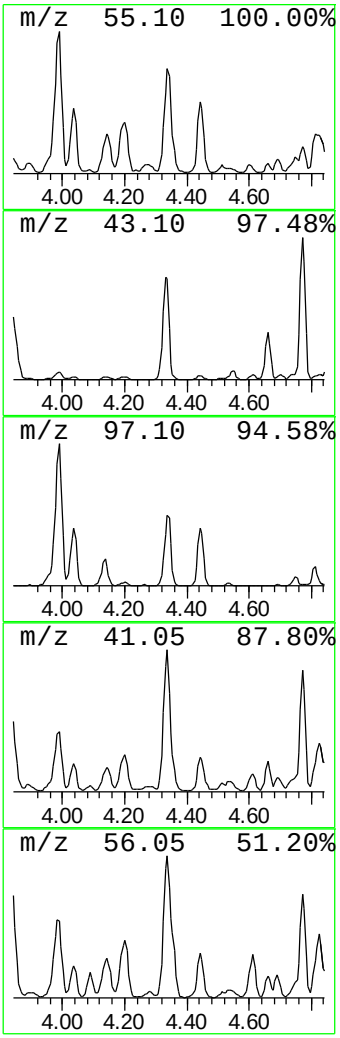
****

Peak Number 1 unknown4.34 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.34	23.62 ng	2576020	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Octene, (Z)-	112	C8H16	014850-22-7	42
2	2-Octene, (Z)-	112	C8H16	007642-04-8	42
3	3-Octene, (E)-	112	C8H16	014919-01-8	42
4	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	38
5	2-Octene	112	C8H16	000111-67-1	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091418\
Data File : BF109001.D
Acq On : 14 Sep 2018 18:09
Operator : JU/SJ
Sample : J4906-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-PIT-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

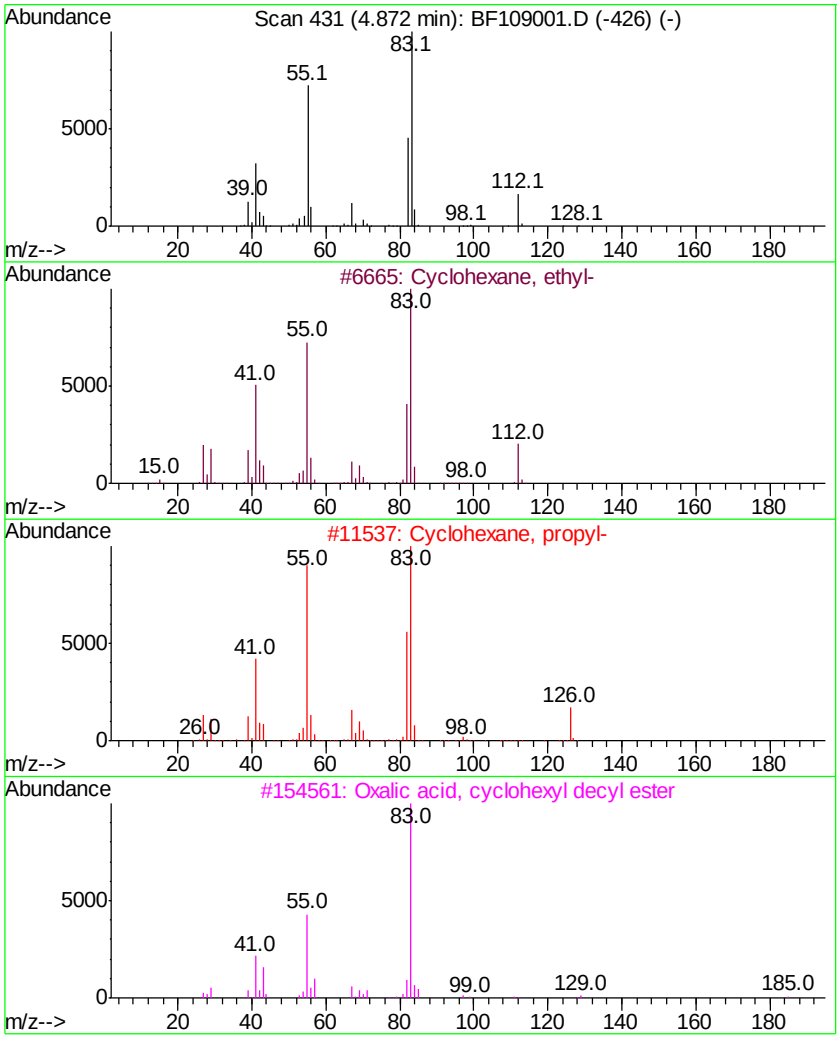
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

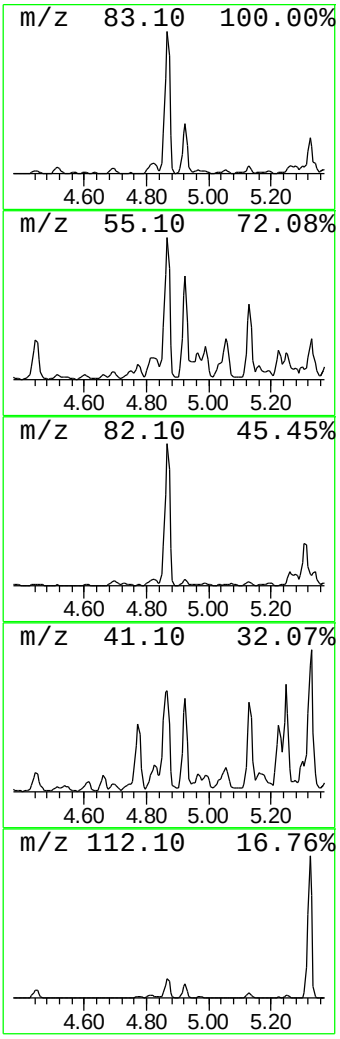
****

Peak Number 2 Cyclohexane, ethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.87	27.69 ng	3020560	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, ethyl-	112	C8H16	001678-91-7	91
2	Cyclohexane, propyl-	126	C9H18	001678-92-8	72
3	Oxalic acid, cyclohexyl decyl ester	312	C18H32O4	1000309-31-2	59
4	2-Hexene, 2,4-dimethyl-	112	C8H16	014255-23-3	53
5	3,4-Dimethyl-2-hexene	112	C8H16	002213-37-8	53





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091418\
Data File : BF109001.D
Acq On : 14 Sep 2018 18:09
Operator : JU/SJ
Sample : J4906-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-PIT-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

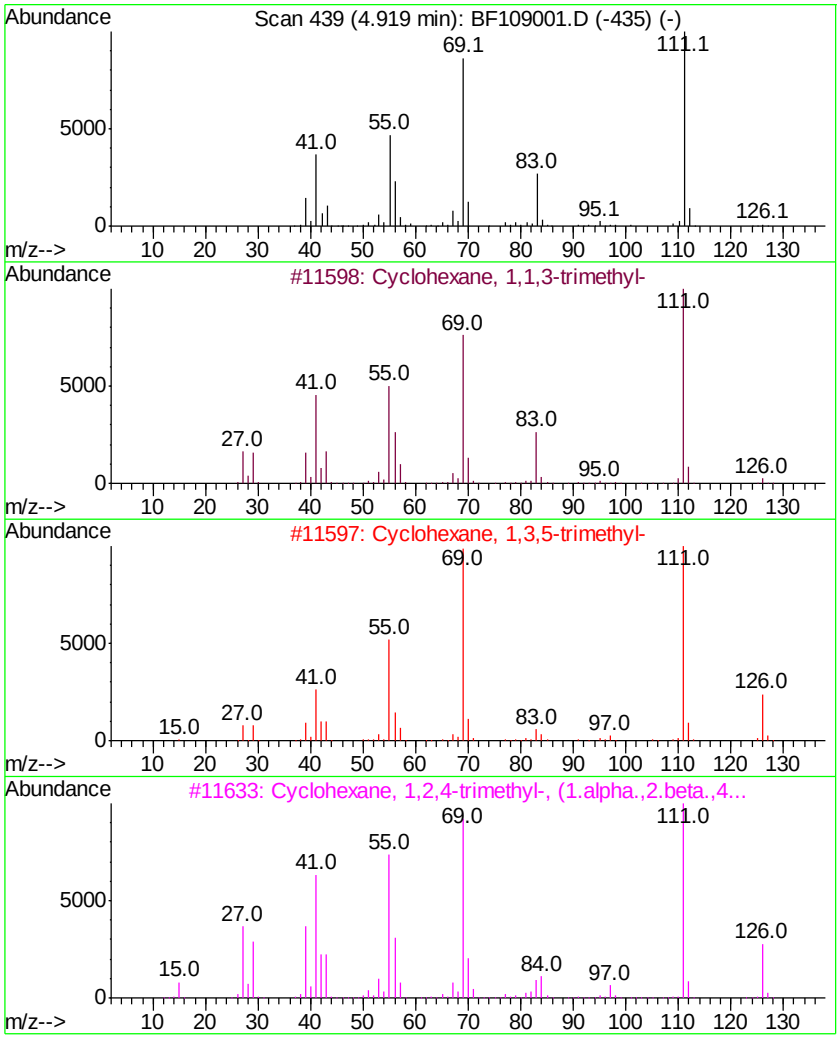
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

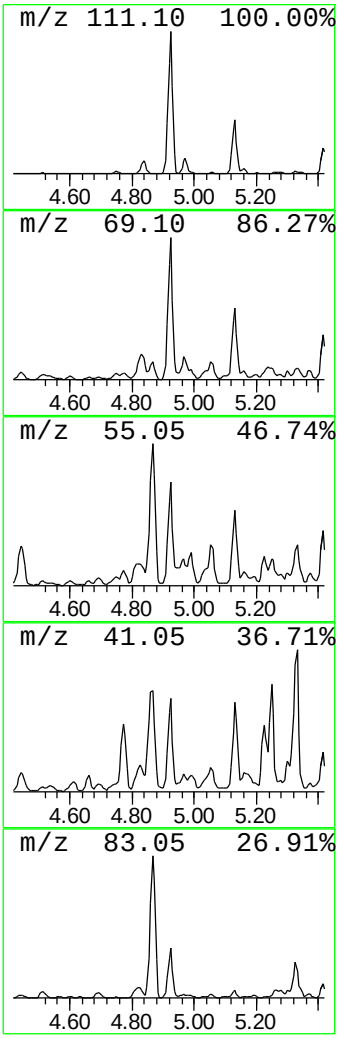
****

Peak Number 3 Cyclohexane, 1,1,3-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.92	25.30 ng	2759720	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	90
2	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	72
3	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	56
4	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	56
5	Cyclohexane, 1-ethyl-1,4-dimethy...	140	C10H20	062238-32-8	50





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091418\
Data File : BF109001.D
Acq On : 14 Sep 2018 18:09
Operator : JU/SJ
Sample : J4906-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-PIT-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

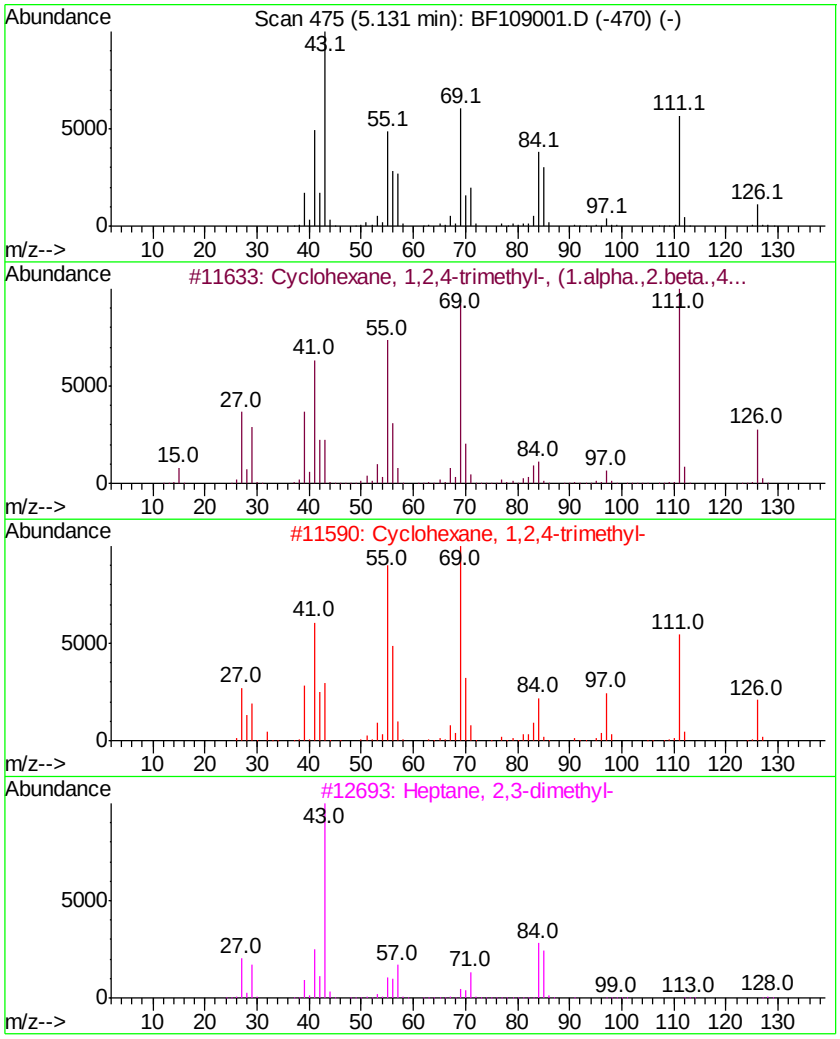
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

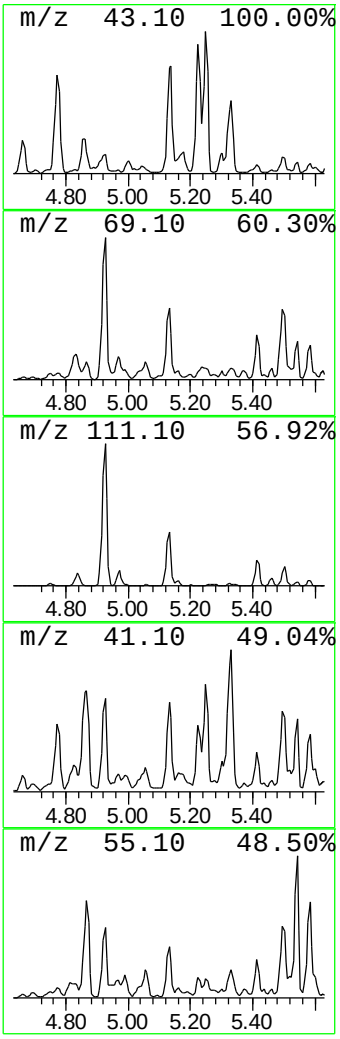
****

Peak Number 4 unknown5.13 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.13	24.20 ng	2640230	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	47
2	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	43
3	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	38
4	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	38
5	1.alpha.,2.beta.,3.alpha.,4.beta...	126	C9H18	002532-67-4	30





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091418\
Data File : BF109001.D
Acq On : 14 Sep 2018 18:09
Operator : JU/SJ
Sample : J4906-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-PIT-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

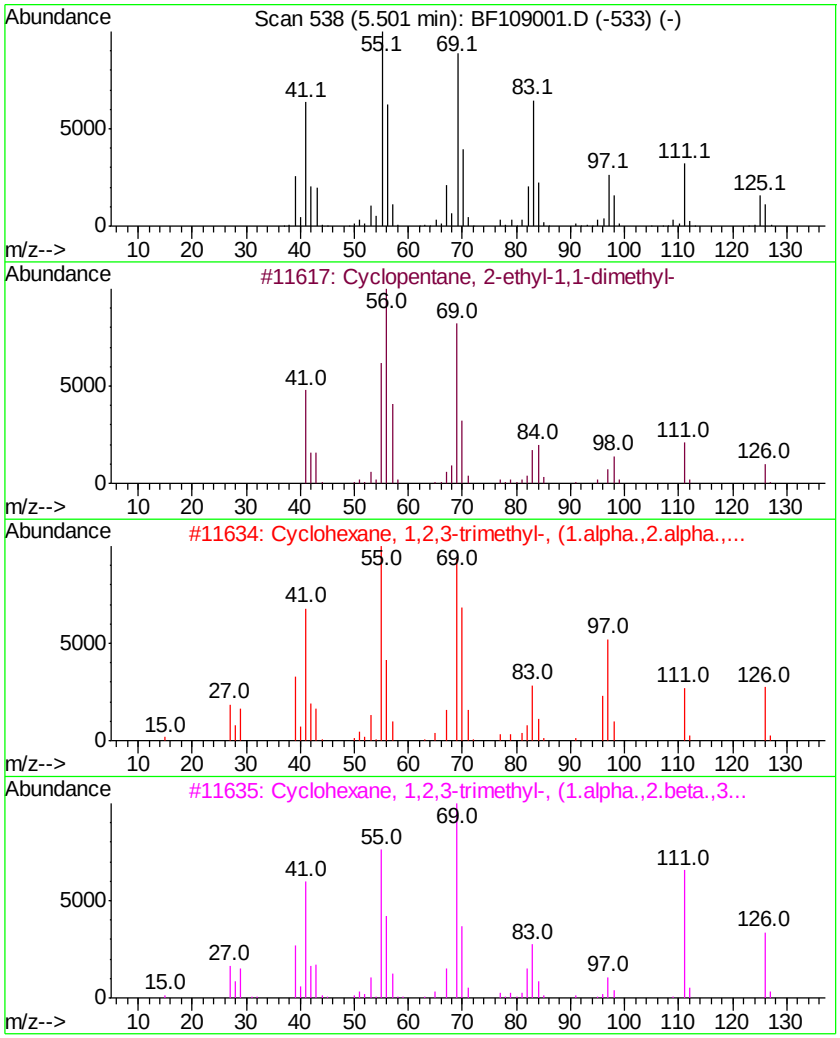
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

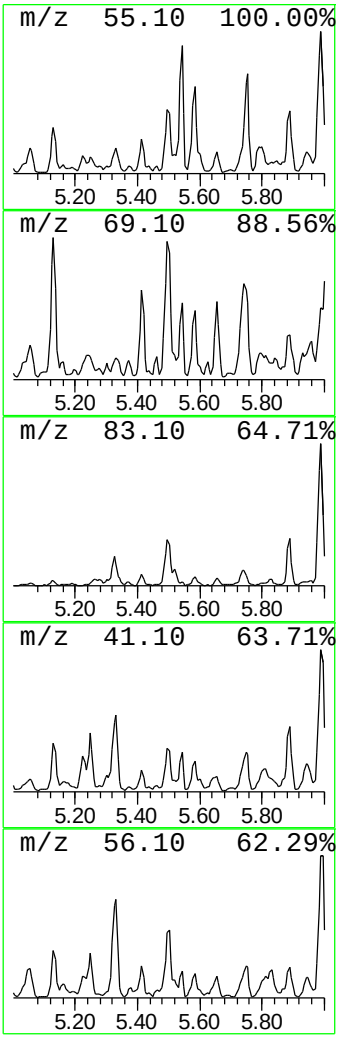
****

Peak Number 5 Cyclopentane, 2-ethyl-1,1-d... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.50	22.11 ng	2411320	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 2-ethyl-1,1-dimethyl-	126	C9H18	054549-80-3	53
2	Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	007667-55-2	52
3	Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	001678-81-5	52
4	Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	49
5	1-Hexene, 3-methyl-	98	C7H14	003404-61-3	46





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Operator : JU/SJ
Sample : J4906-05
Misc :
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Instrument : BNA_F
ClientSampleId : SP-PIT-1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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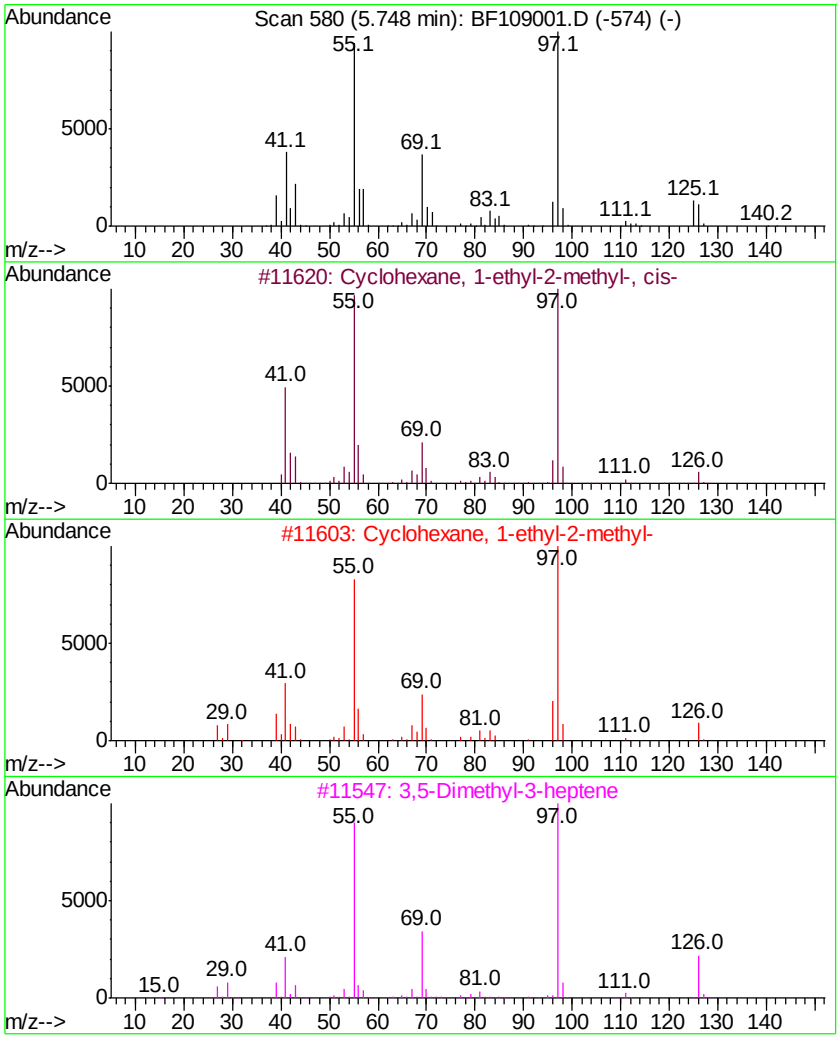
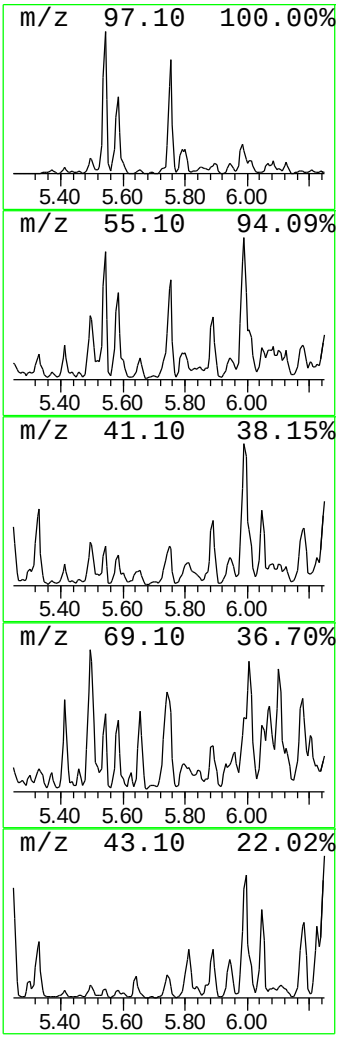
Peak Number 6 Cyclohexane, 1-ethyl-2-meth... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.75	29.23 ng	3187990	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	90
2	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	80
3	3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	64
4	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	64
5	3-Nonanol, 2-methyl-	158	C10H22O	026533-33-5	59





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Sample : J4906-05
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ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-PIT-1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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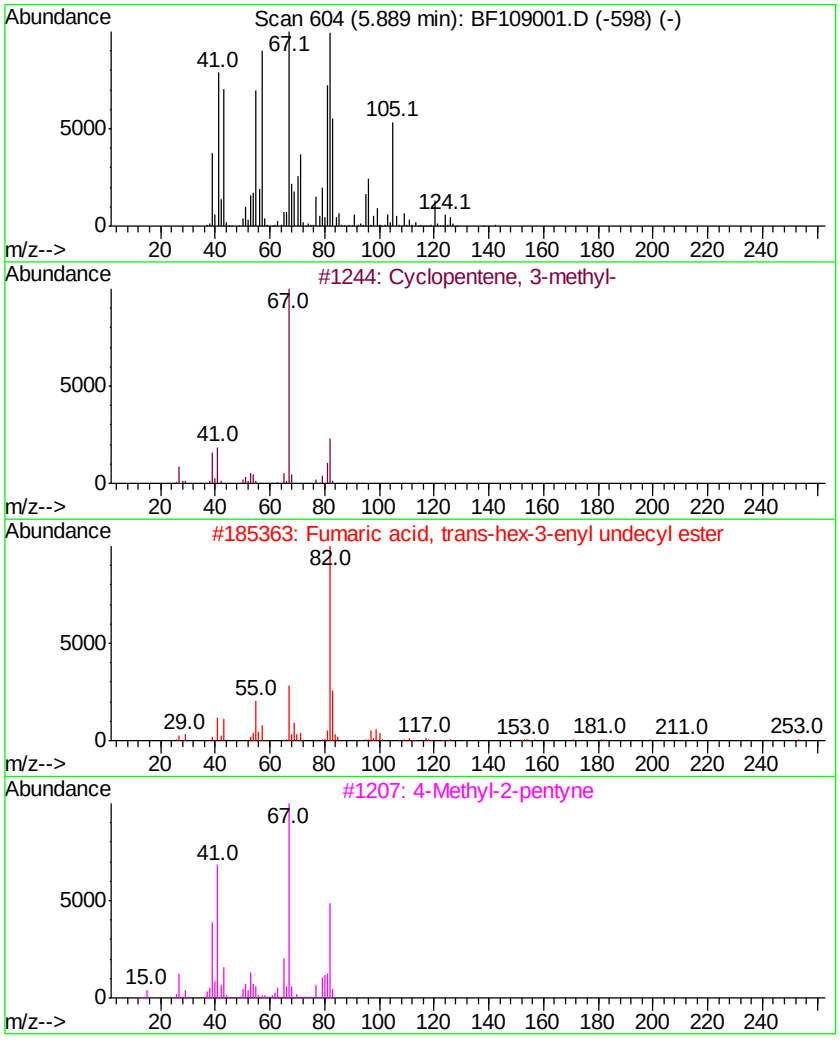
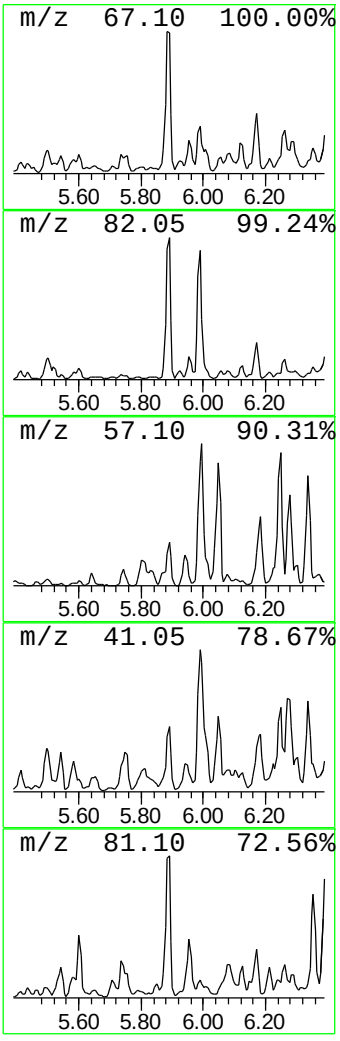
Peak Number 7 unknown5.89 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.89	42.20 ng	4602710	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene, 3-methyl-	82	C6H10	001120-62-3	47
2	Fumaric acid, trans-hex-3-enyl u...	352	C21H36O4	1000348-89-1	47
3	4-Methyl-2-pentyne	82	C6H10	021020-27-9	46
4	3-Hexen-1-ol, acetate, (E)-	142	C8H14O2	003681-82-1	43
5	Cis-bicyclo[4.2.0]octane	110	C8H14	028282-35-1	43





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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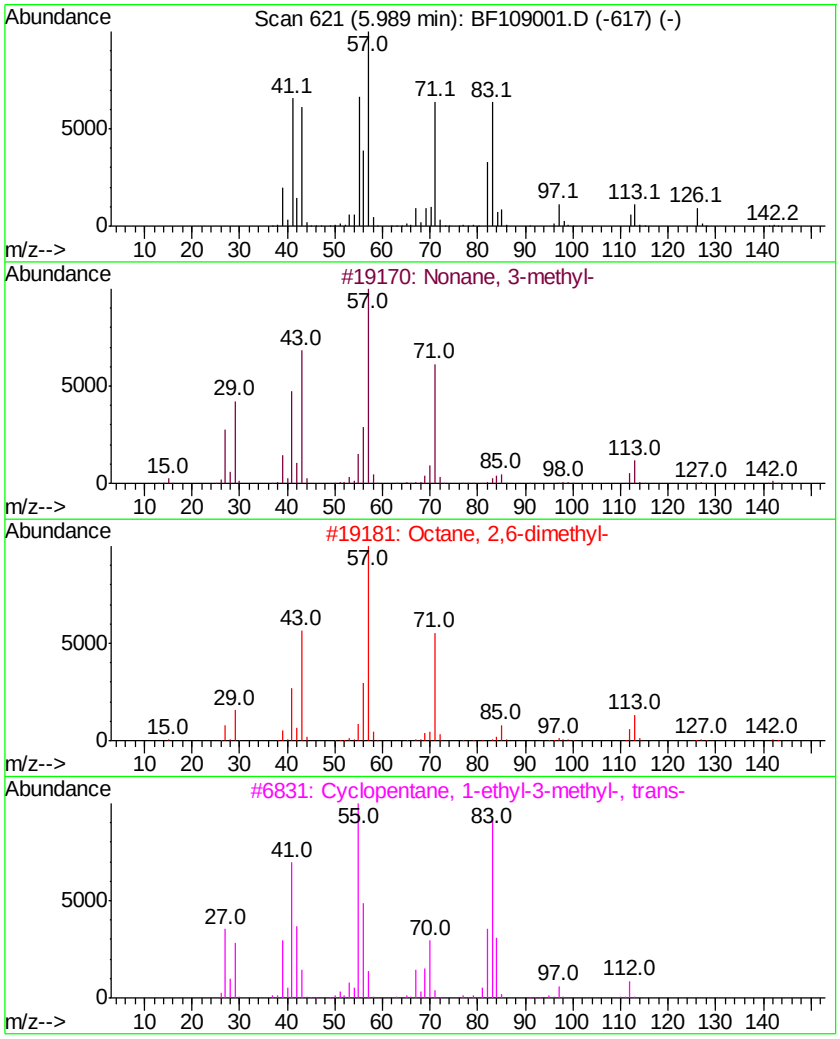
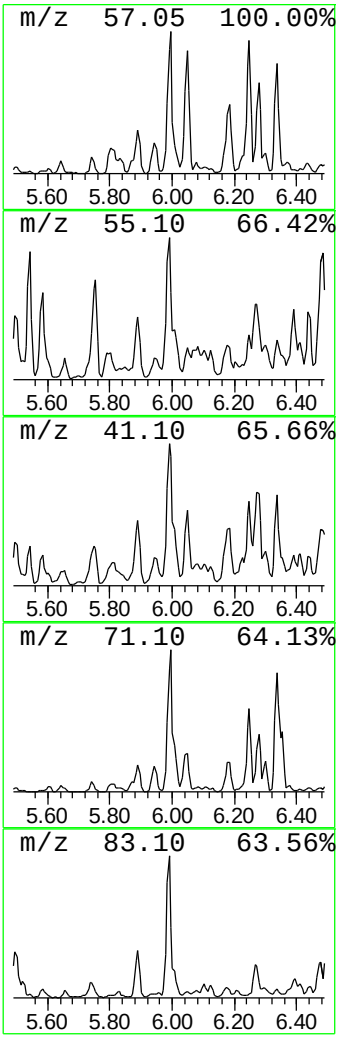
Peak Number 8 unknown5.99 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.99	73.79 ng	8048360	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3-methyl-	142	C10H22	005911-04-6	49
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	49
3	Cyclopentane, 1-ethyl-3-methyl-,...	112	C8H16	002613-65-2	46
4	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	43
5	Cyclohexane, propyl-	126	C9H18	001678-92-8	38





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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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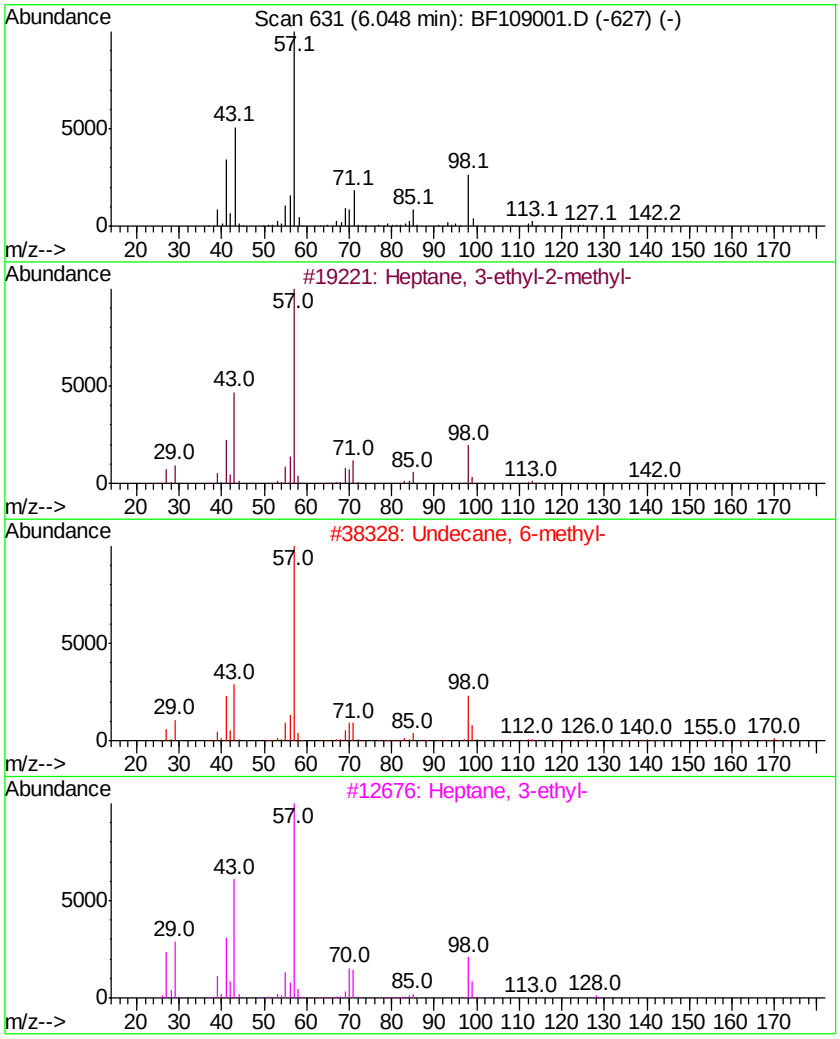
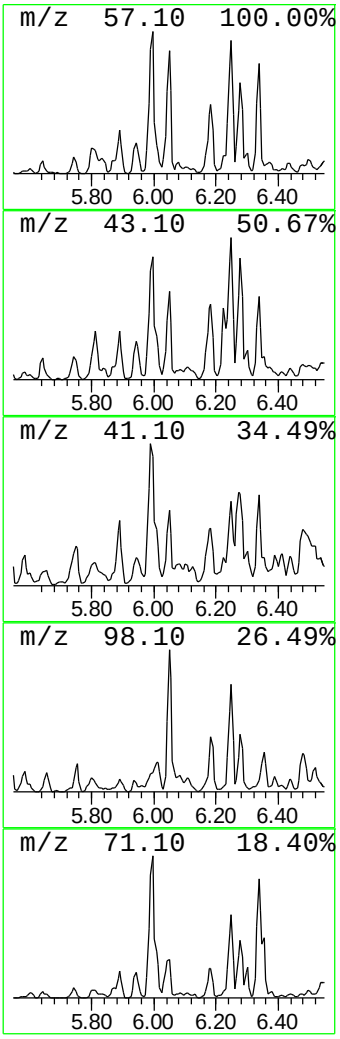
Peak Number 9 Heptane, 3-ethyl-2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.05	25.47 ng	2778230	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	90
2	Undecane, 6-methyl-	170	C12H26	017302-33-9	72
3	Heptane, 3-ethyl-	128	C9H20	015869-80-4	59
4	Decane, 2,5-dimethyl-	170	C12H26	017312-50-4	59
5	Hexane, 3-ethyl-2,5-dimethyl-	142	C10H22	052897-04-8	58





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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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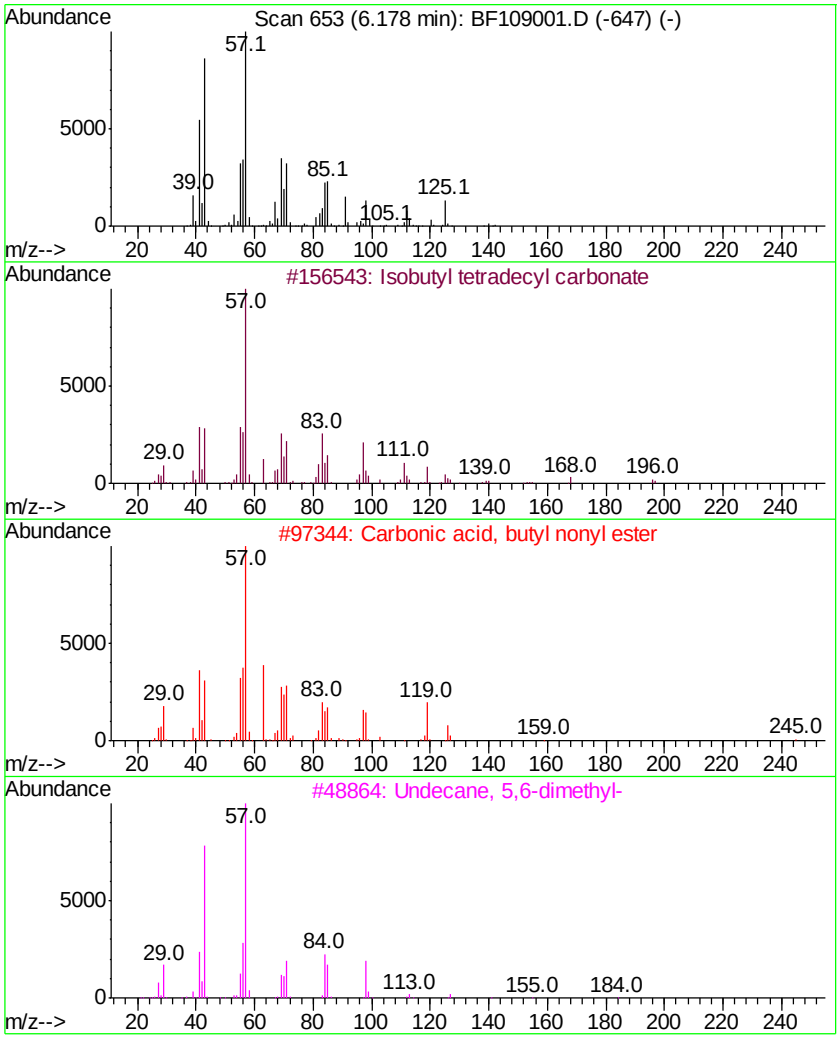
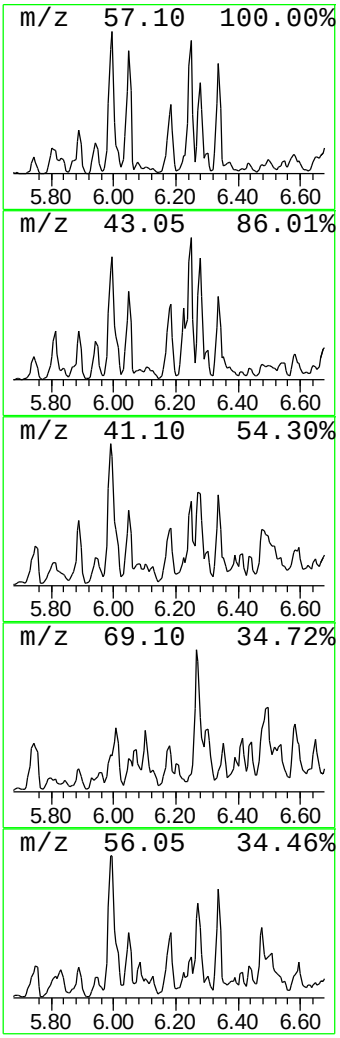
Peak Number 10 Isobutyl tetradecyl carbonate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.18	43.37 ng	4730390	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isobutyl tetradecyl carbonate	314	C19H38O3	959275-58-2	72
2	Carbonic acid, butyl nonyl ester	244	C14H28O3	1000314-63-6	59
3	Undecane, 5,6-dimethyl-	184	C13H28	017615-91-7	53
4	Oxalic acid, isobutyl nonyl ester	272	C15H28O4	1000309-37-4	50
5	Tridecane, 6-methyl-	198	C14H30	013287-21-3	47





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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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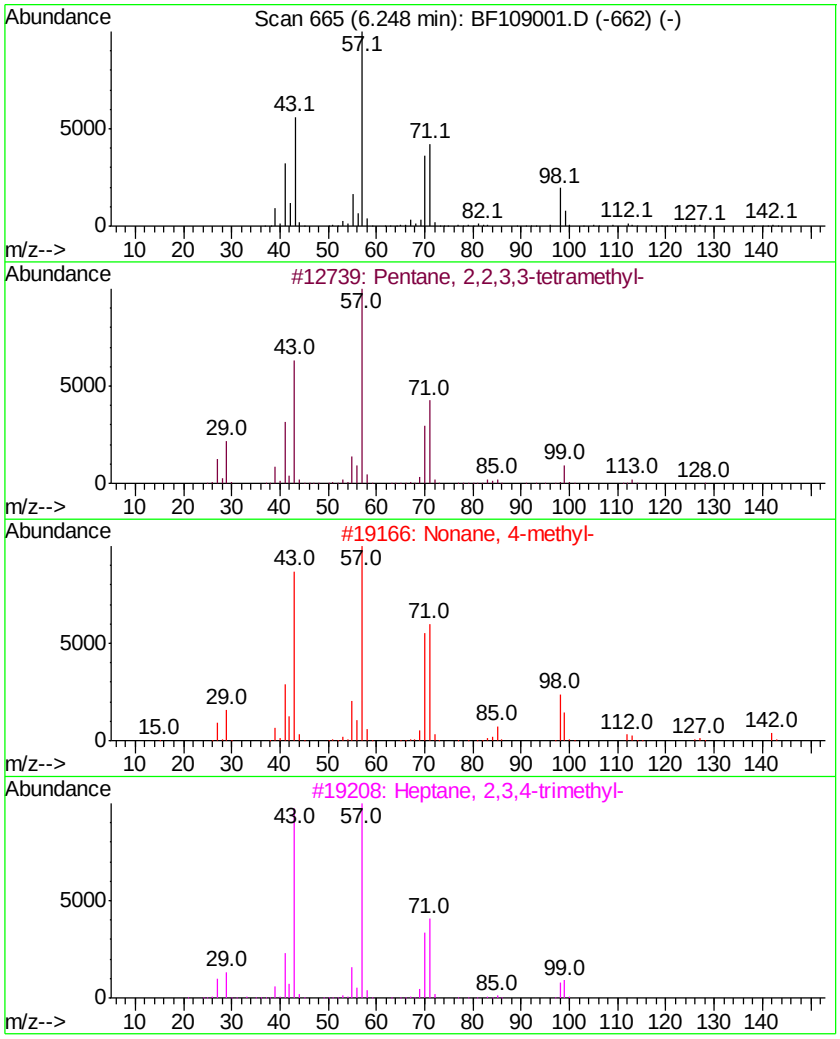
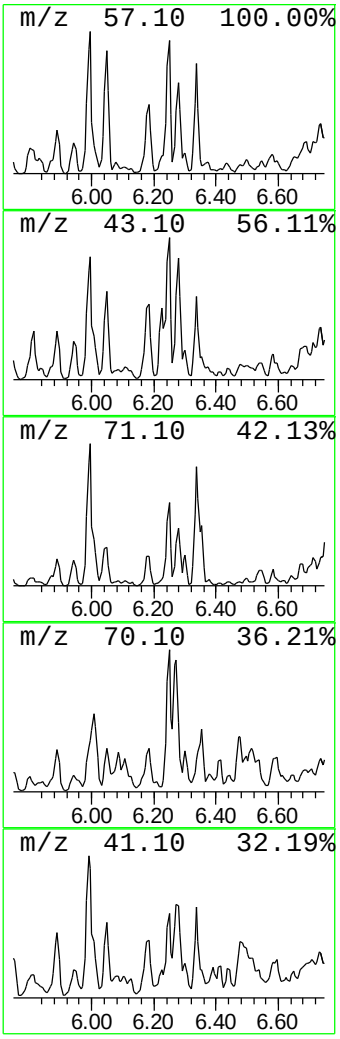
Peak Number 11 Pentane, 2,2,3,3-tetramethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.25	26.70 ng	2912880	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	59
2	Nonane, 4-methyl-	142	C10H22	017301-94-9	53
3	Heptane, 2,3,4-trimethyl-	142	C10H22	052896-95-4	53
4	Nonane, 2-methyl-	142	C10H22	000871-83-0	50
5	Heptane, 3-ethyl-	128	C9H20	015869-80-4	50





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Misc :
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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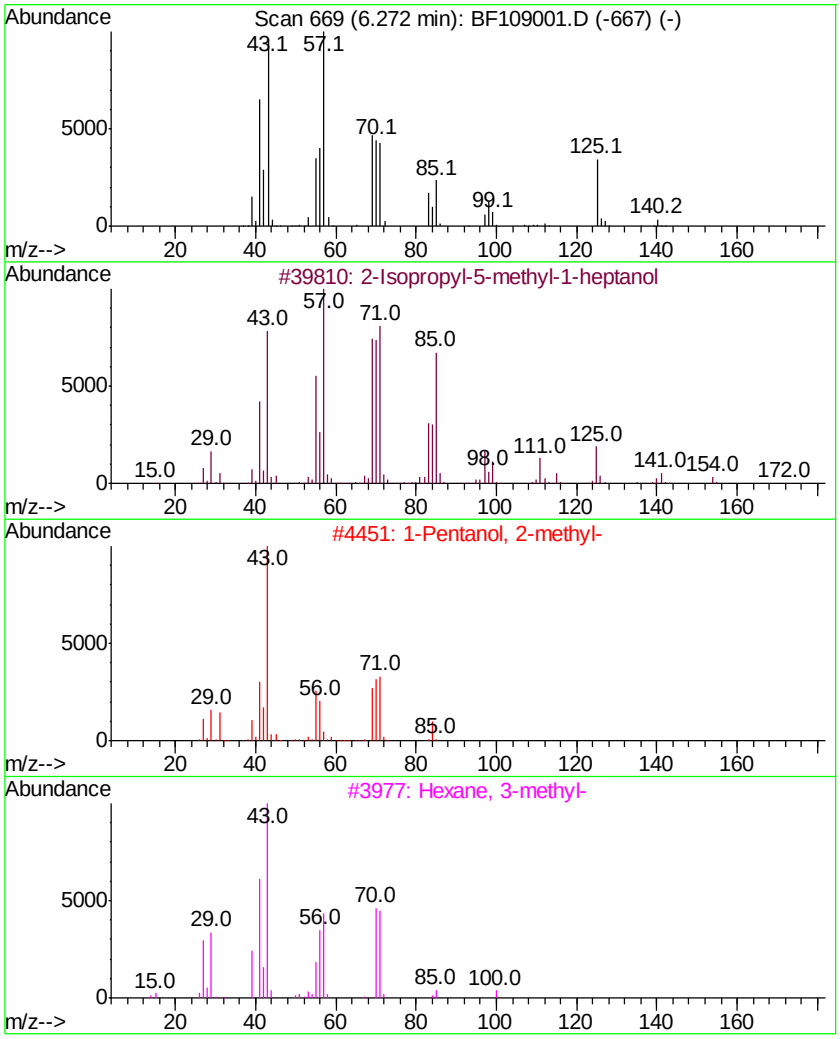
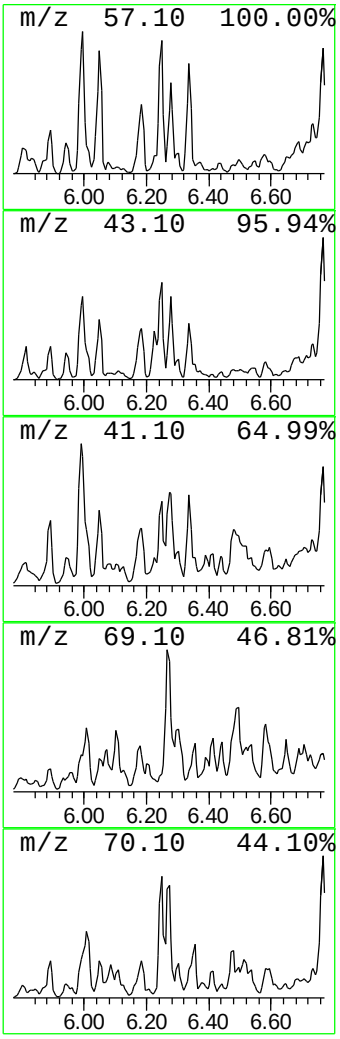
Peak Number 12 2-Isopropyl-5-methyl-1-hept... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.27	40.10 ng	4373850	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Isopropyl-5-methyl-1-heptanol	172	C11H24O	091337-07-4	53
2	1-Pentanol, 2-methyl-	102	C6H14O	000105-30-6	52
3	Hexane, 3-methyl-	100	C7H16	000589-34-4	47
4	Cyclobutanone, 2,2-dimethyl-	98	C6H10O	001192-14-9	43
5	Cyclobutanone, 3-ethyl-	98	C6H10O	056335-73-0	43





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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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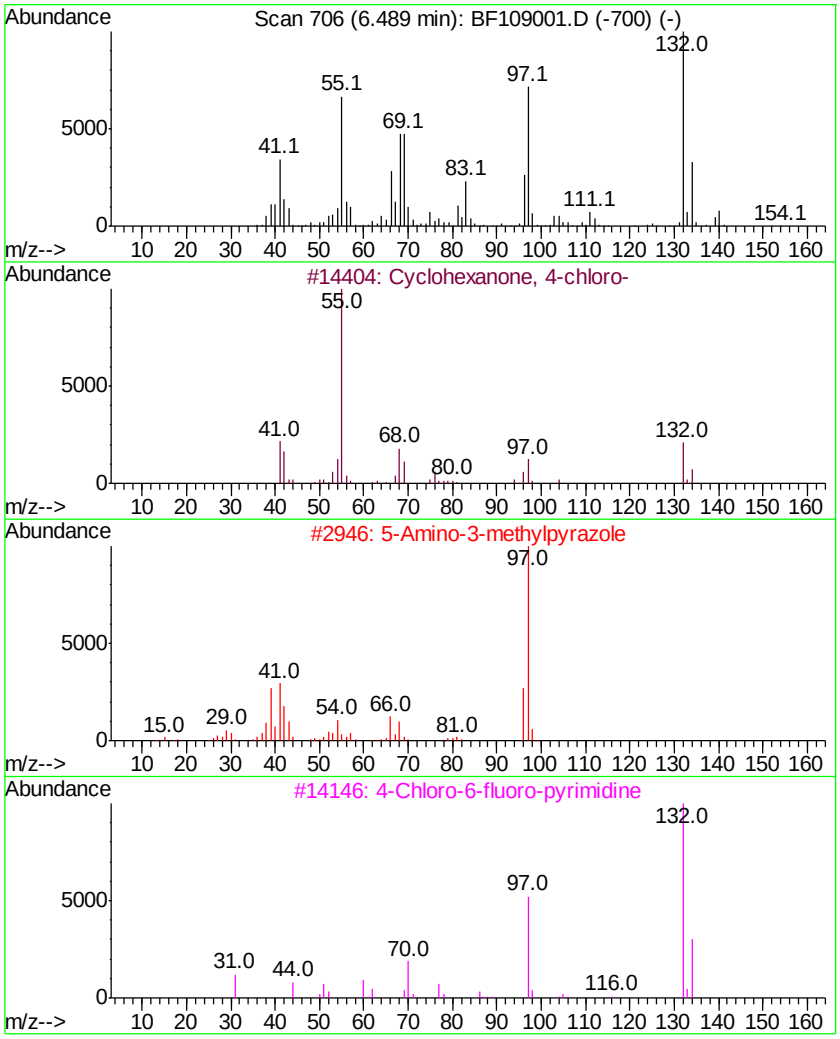
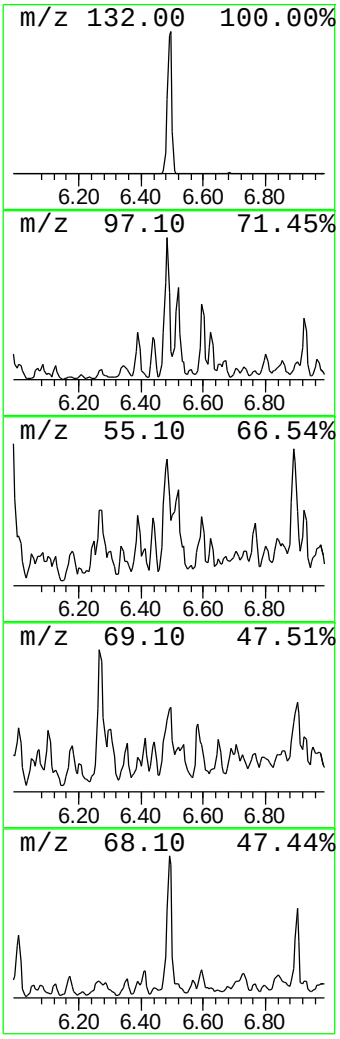
Peak Number 13 unknown6.49 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.49	60.31 ng	6578230	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone, 4-chloro-	132	C6H9ClO	021299-26-3	38
2	5-Amino-3-methylpyrazole	97	C4H7N3	031230-17-8	38
3	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	35
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	25
5	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	15





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ClientSampleId : SP-PIT-1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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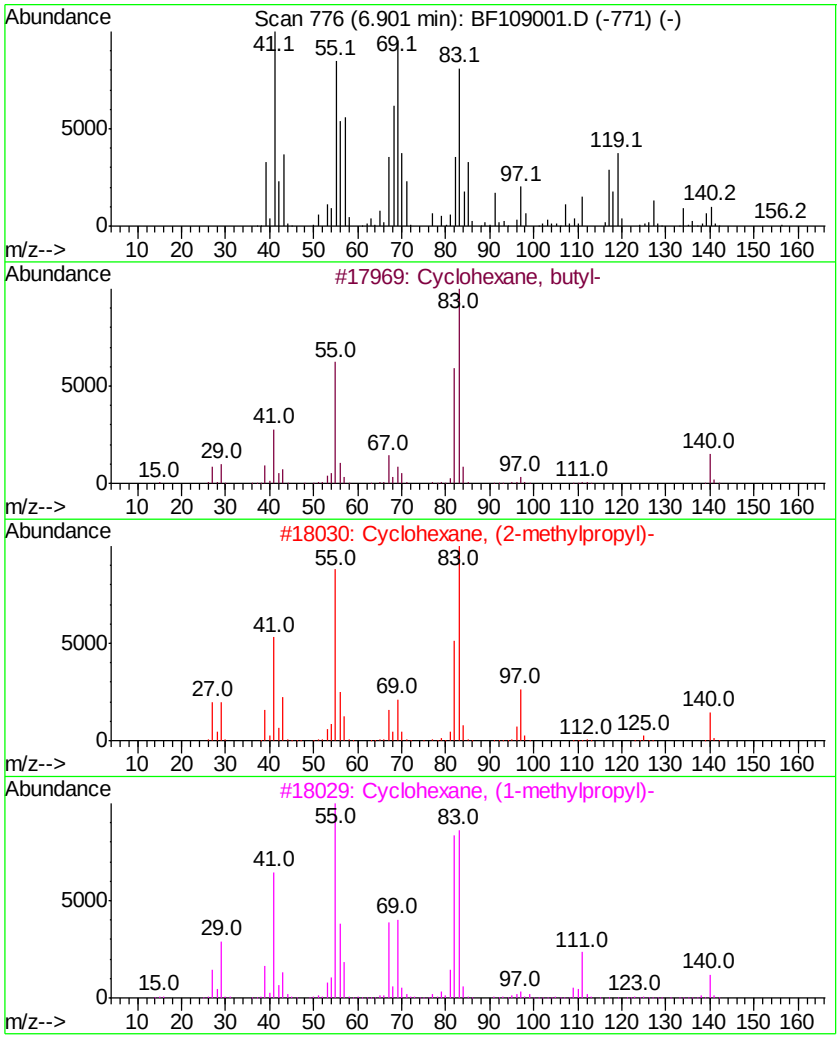
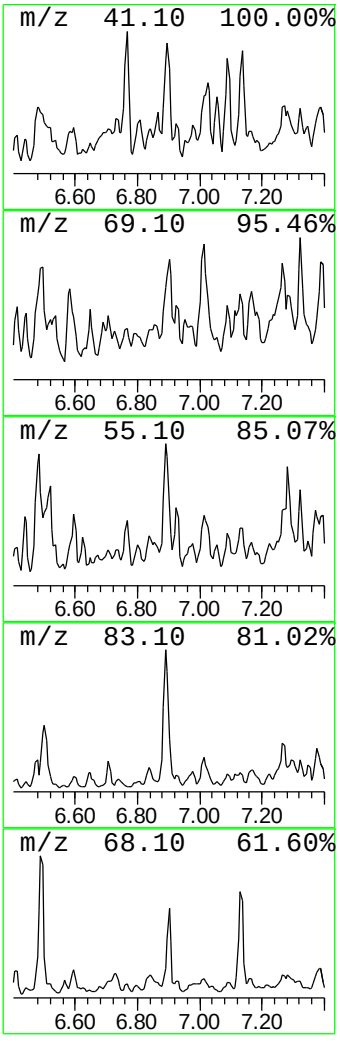
Peak Number 14 Cyclohexane, butyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.90	64.66 ng	7053200	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, butyl-	140	C10H20	001678-93-9	62
2	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	53
3	Cyclohexane, (1-methylpropyl)-	140	C10H20	007058-01-7	53
4	Cyclohexane, eicosyl-	364	C26H52	004443-55-4	50
5	Cyclohexane, propyl-	126	C9H18	001678-92-8	50





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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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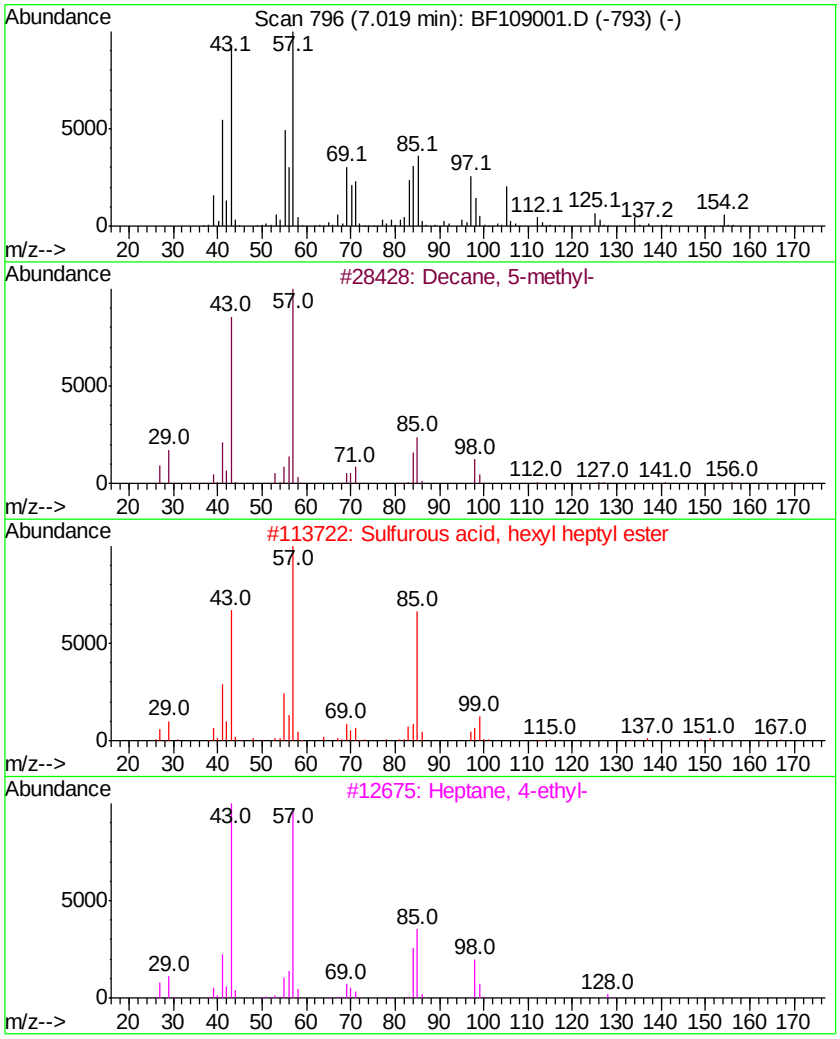
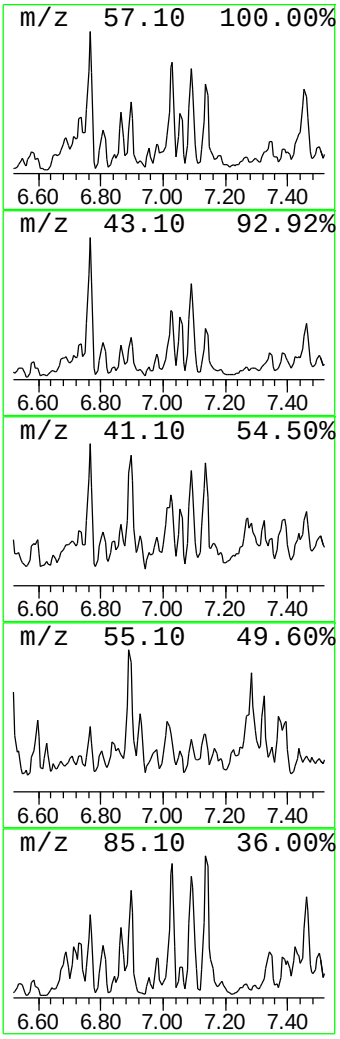
Peak Number 15 Decane, 5-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.02	34.17 ng	3726720	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 5-methyl-	156	C11H24	013151-35-4	80
2	Sulfurous acid, hexyl heptyl ester	264	C13H28O3S	1000309-12-9	64
3	Heptane, 4-ethyl-	128	C9H20	002216-32-2	64
4	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	53
5	Octane, 3,4,5,6-tetramethyl-	170	C12H26	062185-21-1	50





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TIC Library : C:\DATABASE\NIST11.L
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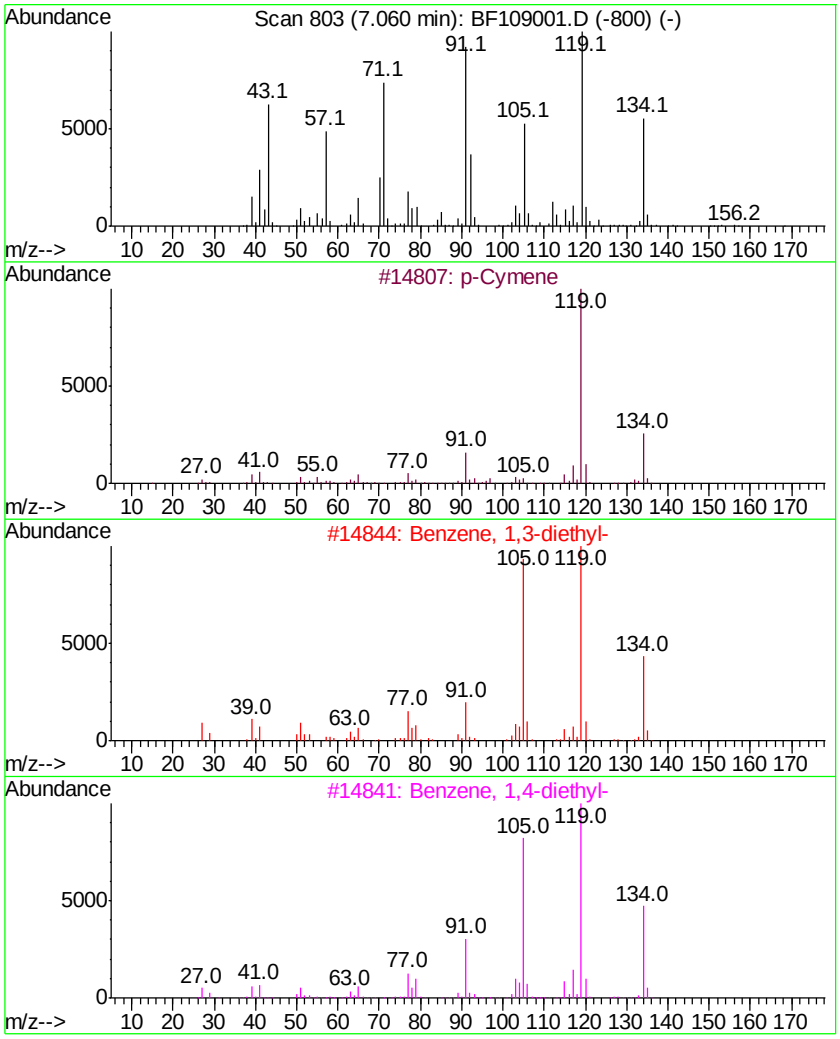
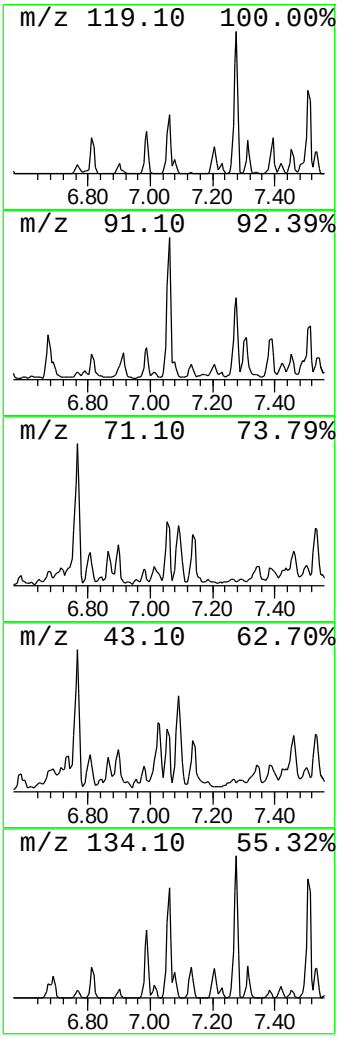
Peak Number 16 p-Cymene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.06	32.77 ng	3574510	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	87
2	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	64
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	64
4	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	64
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	60





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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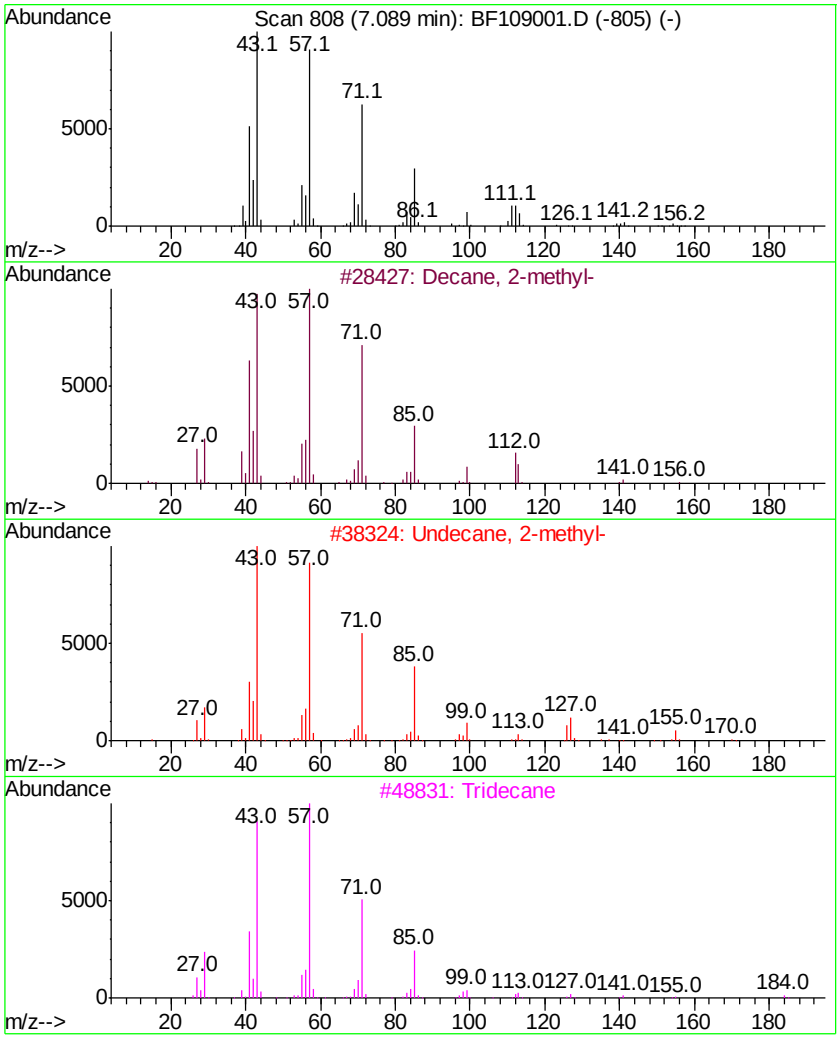
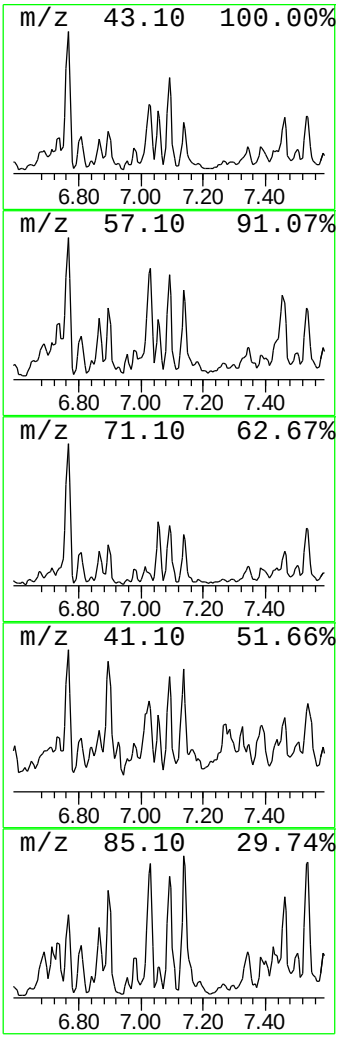
Peak Number 17 Decane, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.09	29.87 ng	3257720	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2-methyl-	156	C11H24	006975-98-0	80
2	Undecane, 2-methyl-	170	C12H26	007045-71-8	64
3	Tridecane	184	C13H28	000629-50-5	59
4	Hexadecane	226	C16H34	000544-76-3	59
5	Undecane, 2,8-dimethyl-	184	C13H28	017301-25-6	53





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091418\
Data File : BF109001.D
Acq On : 14 Sep 2018 18:09
Operator : JU/SJ
Sample : J4906-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-PIT-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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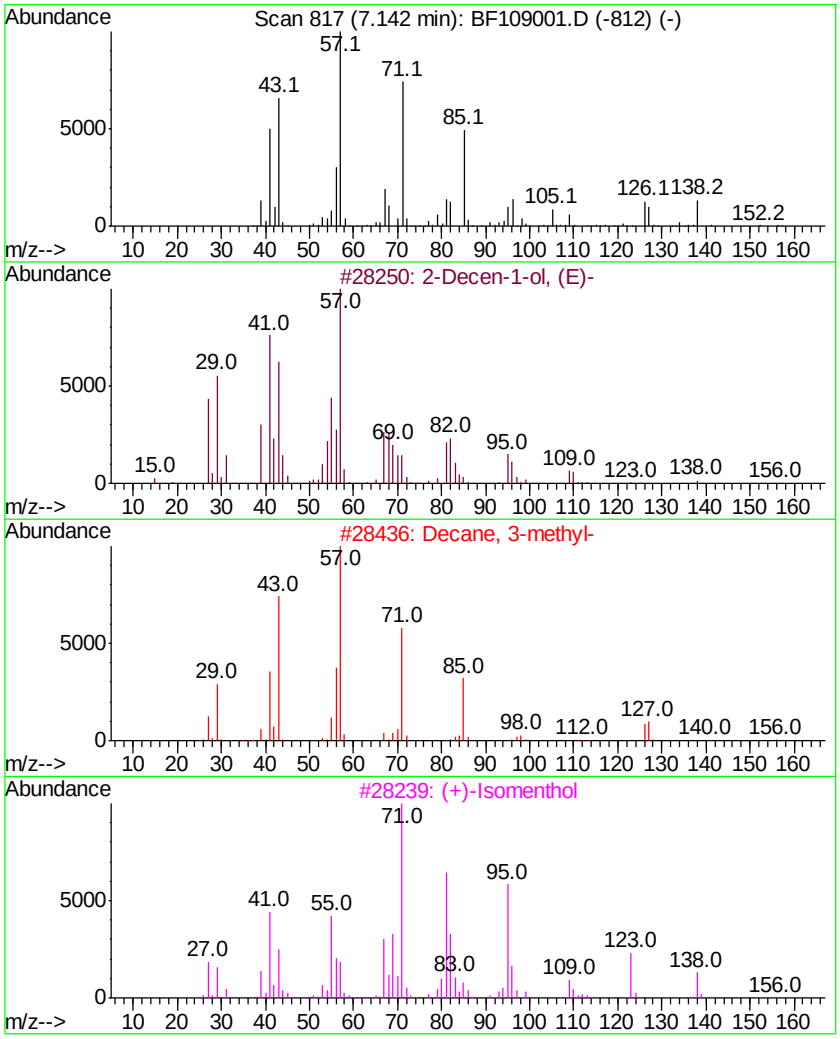
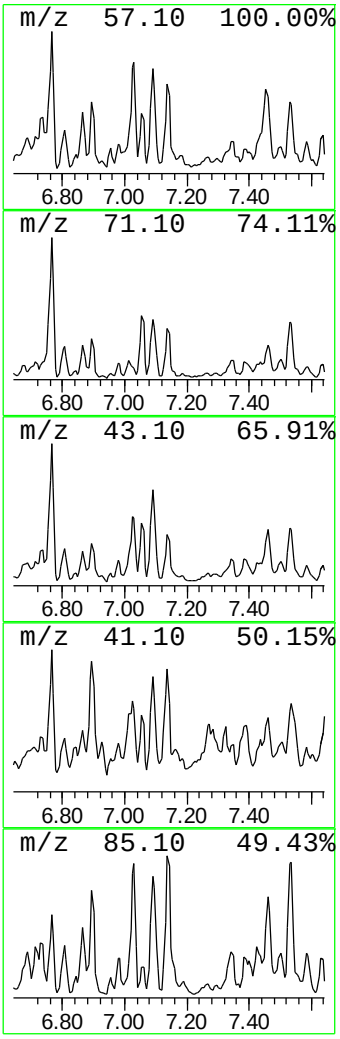
Peak Number 18 unknown7.14 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.14	42.03 ng	4584840	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Decen-1-ol, (E)-	156	C10H20O	018409-18-2	38
2	Decane, 3-methyl-	156	C11H24	013151-34-3	35
3	(+)-Isomenthol	156	C10H20O	1000152-08-3	27
4	Cyclohexanol, 5-methyl-2-(1-meth...	156	C10H20O	000490-99-3	27
5	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	22





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Data File : BF109001.D
Acq On : 14 Sep 2018 18:09
Operator : JU/SJ
Sample : J4906-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-PIT-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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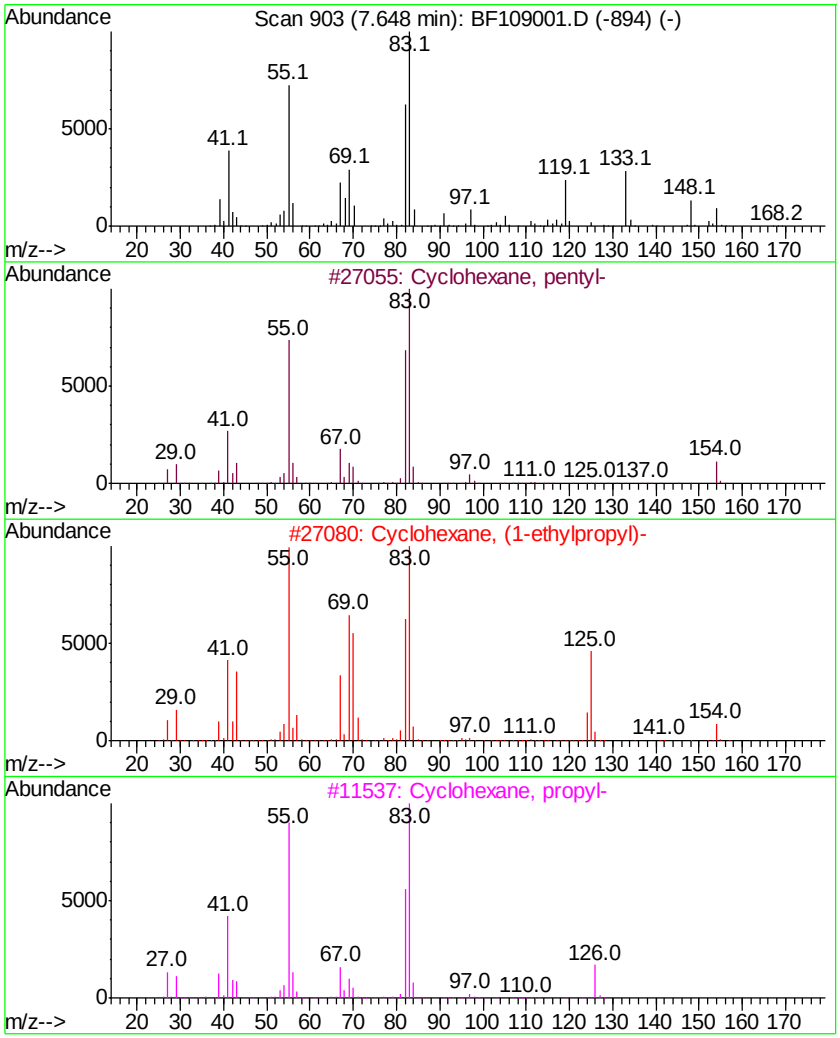
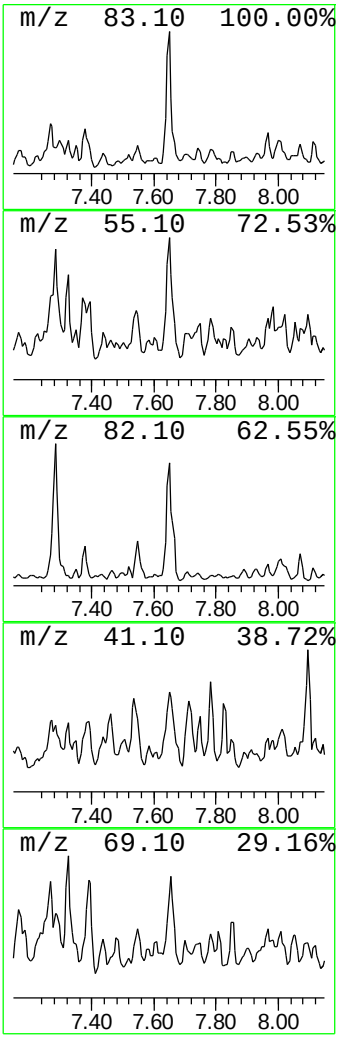
Peak Number 19 Cyclohexane, pentyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.65	24.95 ng	7253760	Naphthalene-d8	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, pentyl-	154	C11H22	004292-92-6	76
2	Cyclohexane, (1-ethylpropyl)-	154	C11H22	026321-98-2	58
3	Cyclohexane, propyl-	126	C9H18	001678-92-8	53
4	Cyclohexane, undecyl-	238	C17H34	054105-66-7	53
5	Cyclohexane, octyl-	196	C14H28	001795-15-9	53





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091418\
Data File : BF109001.D
Acq On : 14 Sep 2018 18:09
Operator : JU/SJ
Sample : J4906-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-PIT-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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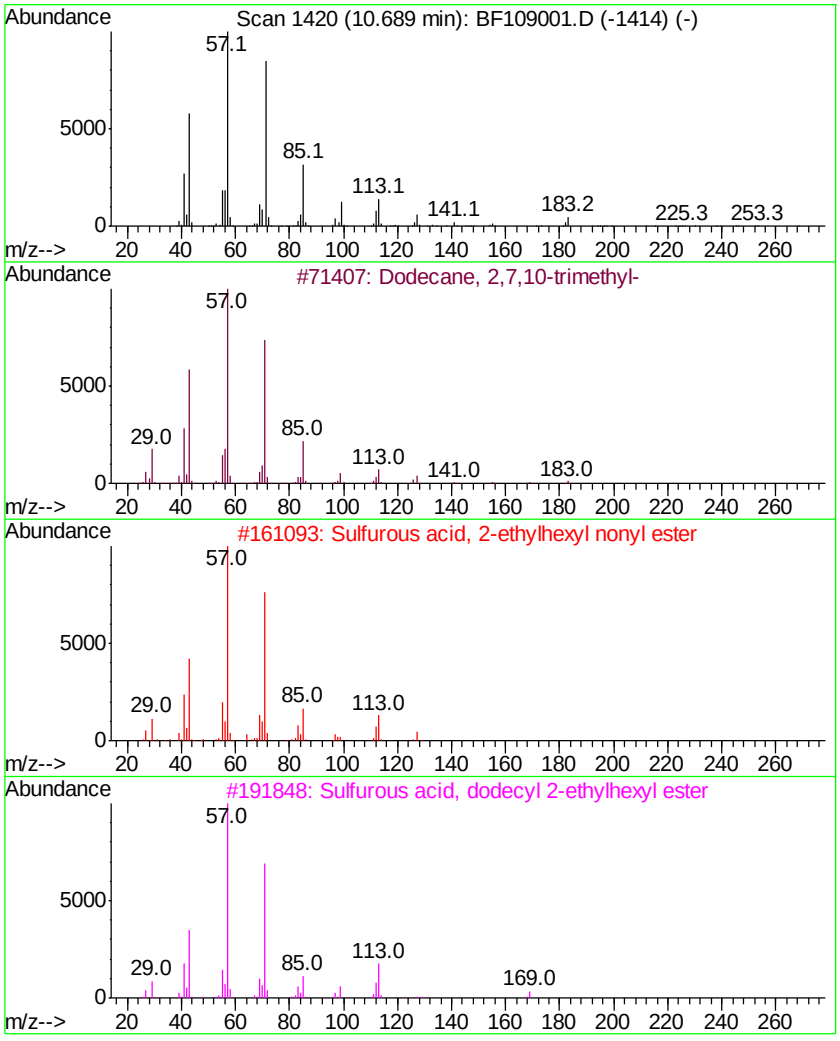
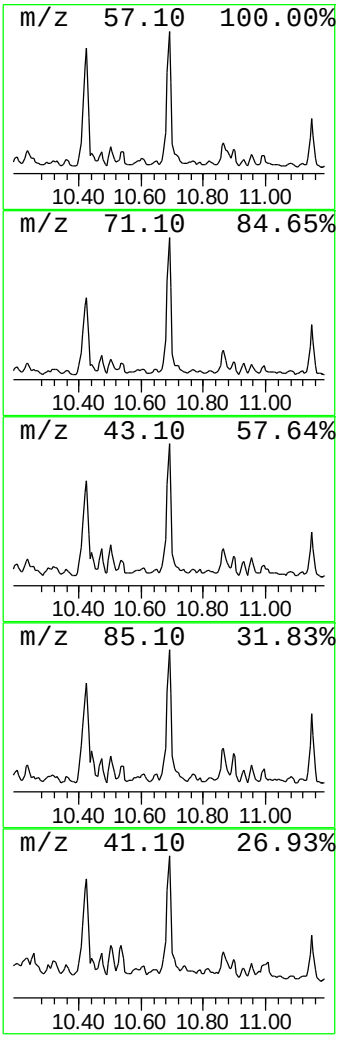
Peak Number 20 Dodecane, 2,7,10-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.69	52.71 ng	3095540	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	86
2	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	80
3	Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	64
4	Pentadecane	212	C15H32	000629-62-9	53
5	Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	53





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF091418\
Data File : BF109001.D
Acq On : 14 Sep 2018 18:09
Operator : JU/SJ
Sample : J4906-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-PIT-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown4.34	4.34	23.6	ng	2576020	1	6.72	2181560	20.0
Cyclohexane, ethyl-	4.87	27.7	ng	3020560	1	6.72	2181560	20.0
Cyclohexane, 1,1,...	4.92	25.3	ng	2759720	1	6.72	2181560	20.0
unknown5.13	5.13	24.2	ng	2640230	1	6.72	2181560	20.0
Cyclopentane, 2-e...	5.50	22.1	ng	2411320	1	6.72	2181560	20.0
Cyclohexane, 1-et...	5.75	29.2	ng	3187990	1	6.72	2181560	20.0
unknown5.89	5.89	42.2	ng	4602710	1	6.72	2181560	20.0
unknown5.99	5.99	73.8	ng	8048360	1	6.72	2181560	20.0
Heptane, 3-ethyl-...	6.05	25.5	ng	2778230	1	6.72	2181560	20.0
Isobutyl tetradec...	6.18	43.4	ng	4730390	1	6.72	2181560	20.0
Pentane, 2,2,3,3-...	6.25	26.7	ng	2912880	1	6.72	2181560	20.0
2-Isopropyl-5-met...	6.27	40.1	ng	4373850	1	6.72	2181560	20.0
unknown6.49	6.49	60.3	ng	6578230	1	6.72	2181560	20.0
Cyclohexane, butyl-	6.90	64.7	ng	7053200	1	6.72	2181560	20.0
Decane, 5-methyl-	7.02	34.2	ng	3726720	1	6.72	2181560	20.0
p-Cymene	7.06	32.8	ng	3574510	1	6.72	2181560	20.0
Decane, 2-methyl-	7.09	29.9	ng	3257720	1	6.72	2181560	20.0
unknown7.14	7.14	42.0	ng	4584840	1	6.72	2181560	20.0
Cyclohexane, pentyl-	7.65	24.9	ng	7253760	2	8.01	5814690	20.0
Dodecane, 2,7,10-...	10.69	52.7	ng	3095540	4	11.23	1174660	20.0