LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF123115\
Data File : BF084224.D
Acq On : 1 Jan 2016 4:47
Operator : UM/SJ
Sample : G4981-01
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-0529

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:\HPCHEM1\BNA_F\METHODS\8270-BF123115.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	3.081	82	87	93	rVB	96333	255923	3.13%	0.218%
2	3.493	117	123	126	rBV2	148740	320626	3.92%	0.272%
3	3.641	131	136	140	rBV	229683	472970	5.79%	0.402%
4	4.156	175	181	184	rBV	166086	305365	3.74%	0.260%
5	4.304	191	194	196	rBV2	98873	180742	2.21%	0.154%
6	4.453	203	207	209	rVV2	160881	259600	3.18%	0.221%
7	4.510	209	212	216	rVB2	231121	334342	4.09%	0.284%
8	4.933	247	249	251	rVB	171736	181070	2.22%	0.154%
9	5.013	254	256	260	rVB3	117448	235447	2.88%	0.200%
10	5.081	260	262	265	rBV	1226989	1553832	19.01%	1.321%
11	5.299	278	281	282	rBV	234055	289572	3.54%	0.246%
12	5.356	285	286	290	rVB2	334890	530512	6.49%	0.451%
13	5.504	293	299	301	rBV	3328631	4580020	56.04%	3.892%
14	5.584	301	306	307	rBV2	137356	247845	3.03%	0.211%
15	5.664	311	313	315	rBV2	323654	524529	6.42%	0.446%
16	5.733	318	319	321	rBV	560570	524009	6.41%	0.445%
17	5.916	332	335	337	rBV2	418060	746362	9.13%	0.634%
18	5.950	337	338	341	rVB3	243640	353551	4.33%	0.300%
19	6.053	345	347	349	rVB3	400812	536659	6.57%	0.456%
20	6.099	349	351	354	rBV3	139988	254529	3.11%	0.216%
21	6.144	354	355	359	rVB3	467282	677032	8.28%	0.575%
22	6.202	359	360	362	rBV	245250	280456	3.43%	0.238%
23	6.339	369	372	373	rBV	296396	418250	5.12%	0.355%
24	6.396	375	377	379	rVV	382113	517011	6.33%	0.439%
25	6.430	379	380	385	rVV2	721908	1195550	14.63%	1.016%
26	6.499	385	386	387	rVV	276464	277285	3.39%	0.236%
27	6.533	387	389	391	rVV	1842222	2610795	31.95%	2.219%
28	6.590	391	394	398	rVV2	684665	1117157	13.67%	0.949%
29	6.670	398	401	403	rVV	6661124	6732595	82.38%	5.722%
30	6.727	403	406	408	rVB	940706	867892	10.62%	0.738%
31	6.853	413	417	419	rBV4	219687	543199	6.65%	0.462%
32	6.899	419	421	425	rVB2	2087677	2350206	28.76%	1.997%
33	6.956	425	426	429	rBV	502367	611341	7.48%	0.520%
34	7.059	432	435	437	rBV	6530807	5999946	73.42%	5.099%

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Acq On : 1 Jan 2016 4:47
Operator : UM/SJ
Sample : G4981-01
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-0529

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:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.093	437	438	440	rVB	266436	196219	2.40%	0.167%
36	7.139	440	442	444	rVB2	298484	469229	5.74%	0.399%
37	7.184	444	446	448	rVB3	437888	575441	7.04%	0.489%
38	7.242	448	451	453	rVB3	287671	699130	8.55%	0.594%
39	7.299	454	456	457	rBV	508796	411295	5.03%	0.350%
40	7.333	457	459	461	rVB2	216287	312893	3.83%	0.266%
41	7.367	461	462	466	rBV3	155235	318361	3.90%	0.271%
42	7.470	466	471	473	rBV	5634917	8172622	100.00%	6.946%
43	7.516	473	475	477	rVB2	979276	1204597	14.74%	1.024%
44	7.550	477	478	480	rVB2	478057	461375	5.65%	0.392%
45	7.585	480	481	483	rBV2	288031	411240	5.03%	0.350%
46	7.619	483	484	486	rVB2	402738	352121	4.31%	0.299%
47	7.676	487	489	490	rBV	553304	666512	8.16%	0.566%
48	7.710	490	492	495	rVB3	682368	1102553	13.49%	0.937%
49	7.779	495	498	501	rBV5	538095	1148735	14.06%	0.976%
50	7.859	501	505	508	rVB5	594121	1414856	17.31%	1.202%
51	7.927	508	511	515	rBV2	1692613	2598390	31.79%	2.208%
52	8.019	515	519	522	rBV6	392004	1485753	18.18%	1.263%
53	8.099	525	526	527	rBV	328427	315202	3.86%	0.268%
54	8.133	527	529	530	rVB2	452493	489274	5.99%	0.416%
55	8.190	531	534	535	rBV	3140995	3115383	38.12%	2.648%
56	8.236	537	538	541	rVB2	523310	782448	9.57%	0.665%
57	8.282	541	542	543	rBV	283194	300716	3.68%	0.256%
58	8.316	543	545	546	rBV2	239392	275556	3.37%	0.234%
59	8.362	546	549	551	rBV3	525446	772567	9.45%	0.657%
60	8.430	551	555	557	rBV4	864474	1403546	17.17%	1.193%
61	8.476	557	559	561	rVB3	358788	582322	7.13%	0.495%
62	8.545	561	565	566	rBV4	434497	1243066	15.21%	1.056%
63	8.567	566	567	570	rVB3	641494	910584	11.14%	0.774%
64	8.670	574	576	580	rVB3	786397	1346549	16.48%	1.144%
65	8.785	580	586	588	rBV3	596913	1532062	18.75%	1.302%
66	8.842	588	591	592	rBV2	642580	1282036	15.69%	1.090%
67	8.876	592	594	597	rVB2	1500437	1674763	20.49%	1.423%
68	8.933	597	599	600	rBV2	307309	330636	4.05%	0.281%
69	8.967	600	602	604	rBV2	838251	838779	10.26%	0.713%
70	9.036	606	608	609	rBV	553773	646545	7.91%	0.549%
71	9.082	609	612	614	rBV4	605095	820609	10.04%	0.697%

LSC Area Percent Report

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Acq On : 1 Jan 2016 4:47
Operator : UM/SJ
Sample : G4981-01
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-0529

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
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	9.185	618	621	622	rBV2	432439	609580	7.46%	0.518%
73	9.265	626	628	630	rBV	6140957	8090657	99.00%	6.876%
74	9.299	630	631	633	rVB2	716729	787887	9.64%	0.670%
75	9.345	633	635	638	rBV3	430314	863389	10.56%	0.734%
76	9.402	638	640	641	rVB	555610	689030	8.43%	0.586%
77	9.459	641	645	647	rBV3	981638	1647372	20.16%	1.400%
78	9.539	651	652	653	rVB	345006	236674	2.90%	0.201%
79	9.608	653	658	659	rBV2	1146719	1827939	22.37%	1.554%
80	9.665	660	663	665	rVB	878951	1216473	14.88%	1.034%
81	9.722	666	668	669	rVB	352073	298755	3.66%	0.254%
82	9.768	670	672	673	rVB	640971	570629	6.98%	0.485%
83	9.813	675	676	680	rVB4	369238	608518	7.45%	0.517%
84	9.882	680	682	685	rBV4	537119	858655	10.51%	0.730%
85	9.939	685	687	689	rVB	1655603	2384614	29.18%	2.027%
86	9.985	689	691	693	rBV2	208354	346112	4.24%	0.294%
87	10.053	693	697	698	rBV3	574425	1215090	14.87%	1.033%
88	10.270	713	716	717	rBV3	421327	695678	8.51%	0.591%
89	10.305	717	719	722	rVB3	413645	494531	6.05%	0.420%
90	10.385	724	726	728	rBV2	974281	1231150	15.06%	1.046%
91	10.556	740	741	742	rBV	404078	401666	4.91%	0.341%
92	10.739	754	757	758	rBV	2448781	3361197	41.13%	2.857%
93	10.773	758	760	764	rVB5	348616	675505	8.27%	0.574%
94	10.853	766	767	771	rBV3	645382	1039023	12.71%	0.883%
95	11.425	815	817	819	rBV2	1236379	1450905	17.75%	1.233%
96	11.985	864	866	867	rBV	471728	507149	6.21%	0.431%
97	13.014	954	956	959	rBV	3315384	4432202	54.23%	3.767%
98	13.917	1033	1035	1043	rVB	484960	747935	9.15%	0.636%
99	14.065	1046	1048	1050	rVB	1444018	1370589	16.77%	1.165%
100	15.517	1172	1175	1178	rVB	1041074	1454737	17.80%	1.236%

Sum of corrected areas: 117663826

Data Path : Z:\HPCHEM1\BNA F\DATA\BF123115\
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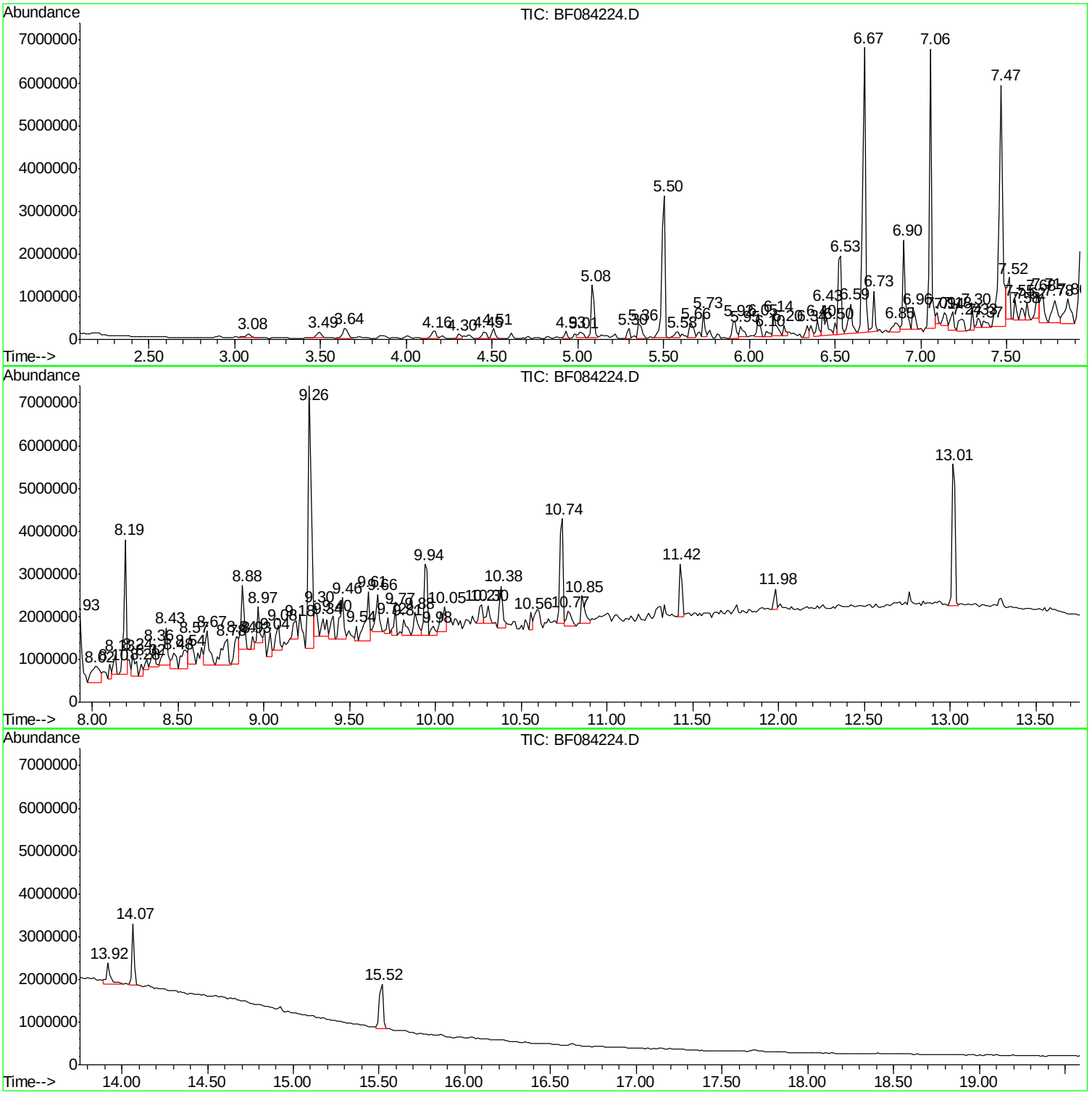
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-0529

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA F\DATA\BF123115\
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Acq On : 1 Jan 2016 4:47
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Instrument : BNA_F
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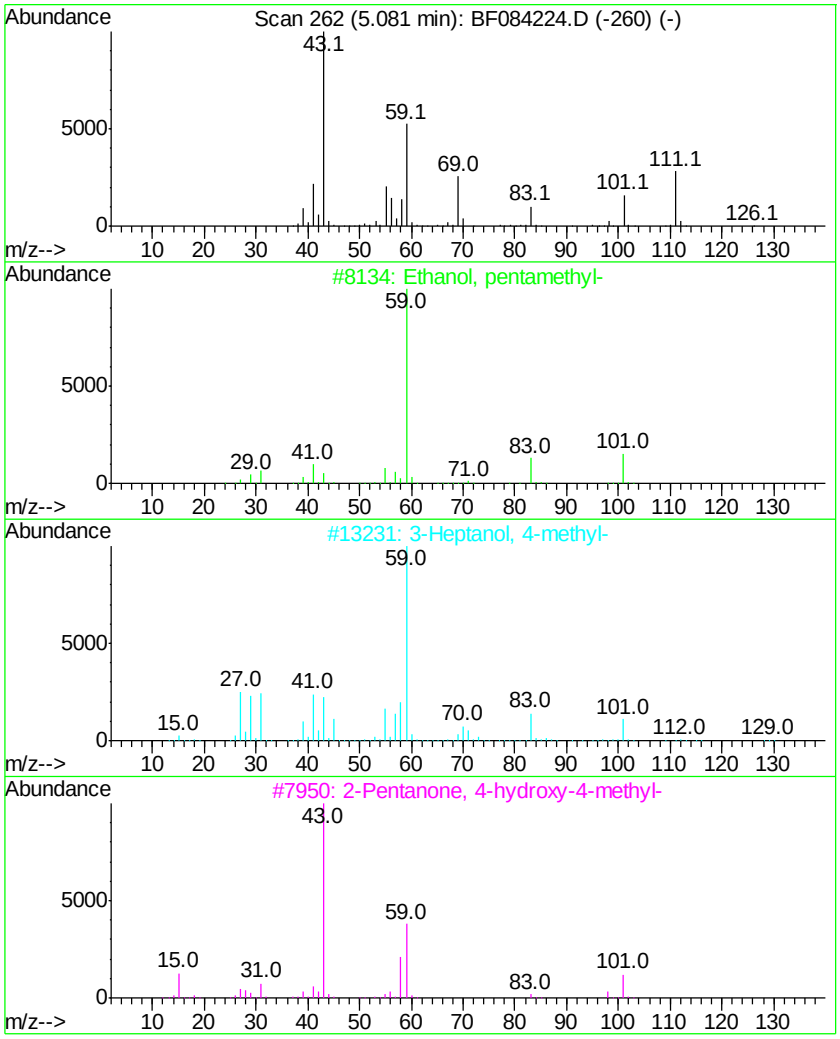
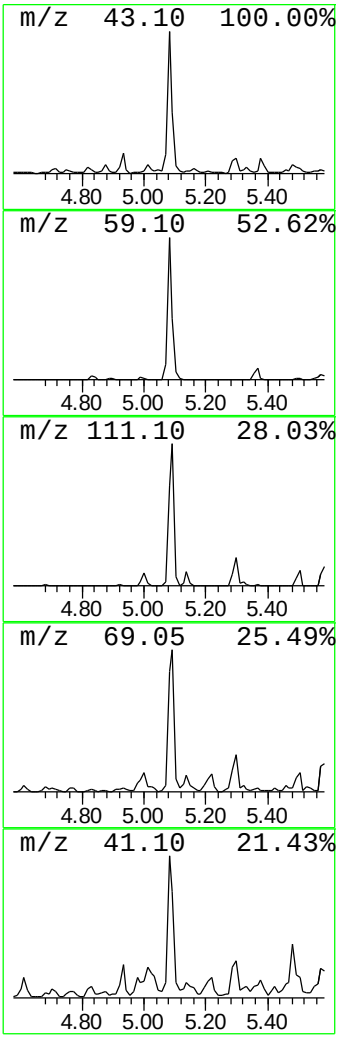
****

Peak Number 1 unknown5.08 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.08	13.22 ng	1553830	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, pentamethyl-	116	C7H16O	000594-83-2	32
2	3-Heptanol, 4-methyl-	130	C8H18O	014979-39-6	32
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	28
4	3-Octanol	130	C8H18O	000589-98-0	17
5	3-Octanol	130	C8H18O	020296-29-1	13





Data Path : Z:\HPCHEM1\BNA F\DATA\BF123115\
Data File : BF084224.D
Acq On : 1 Jan 2016 4:47
Operator : UM/SJ
Sample : G4981-01
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-0529

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

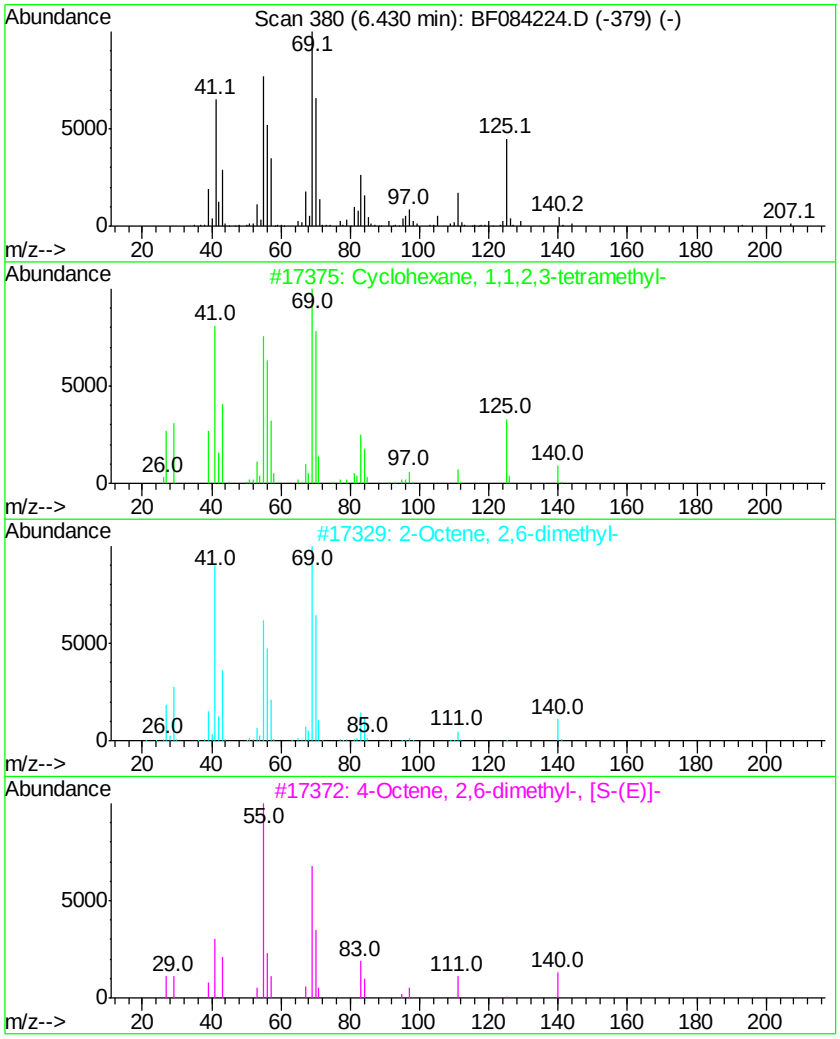
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

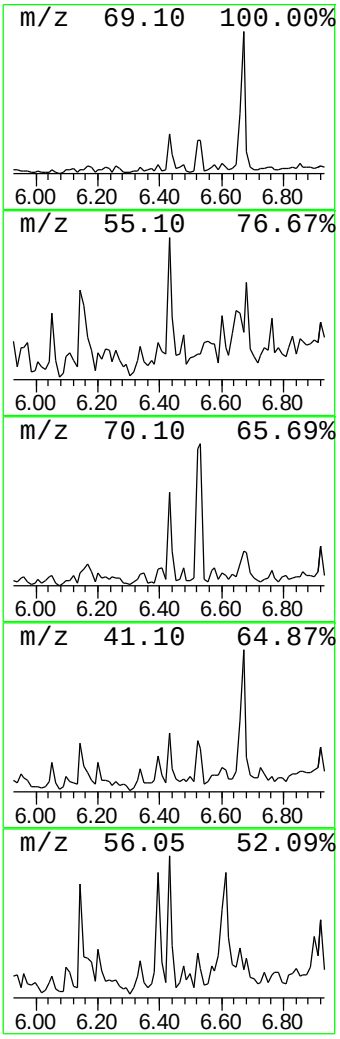
****

Peak Number 2 Cyclohexane, 1,1,2,3-tetram... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.43	10.17 ng	1195550	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	80
2	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	68
3	4-Octene, 2,6-dimethyl-, [S-(E)]-	140	C10H20	062960-76-3	58
4	Cyclohexane, 1,2-diethyl-3-methyl-	154	C11H22	061141-80-8	53
5	2-Nonene, 3-methyl-, (E)-	140	C10H20	017003-99-5	49





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Sample : G4981-01
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-0529

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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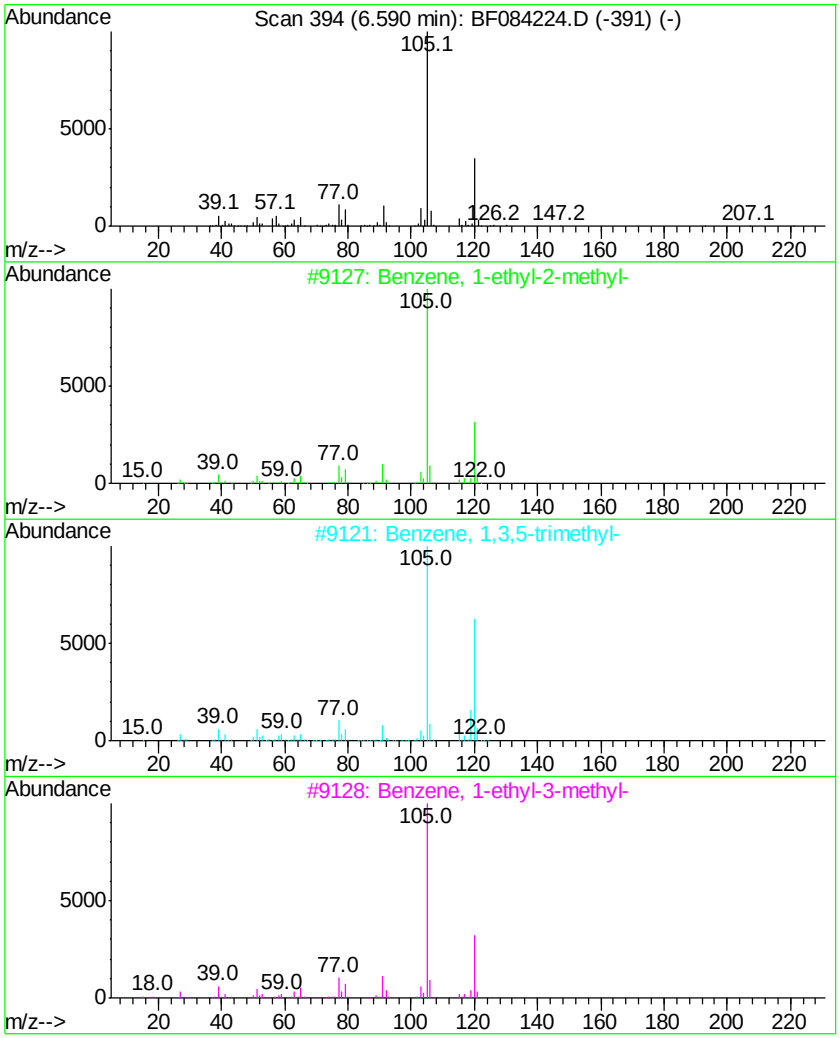
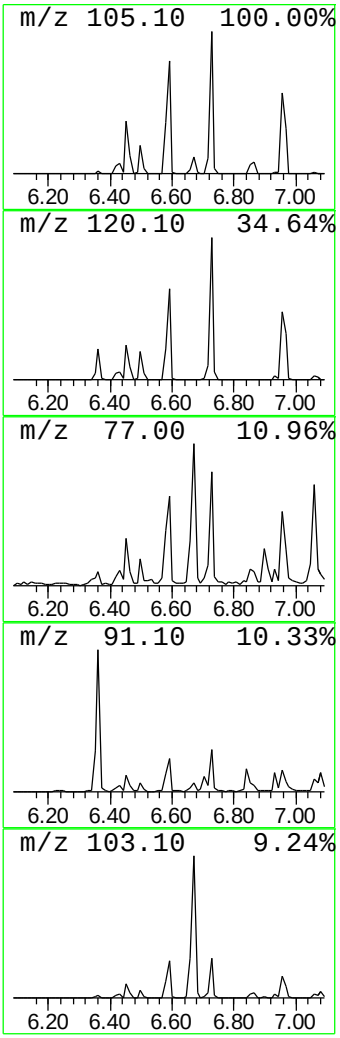
Peak Number 3 Benzene, 1-ethyl-2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.59	9.51 ng	1117160	1,4-Dichlorobenzene-d4	6.90

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





Data Path : Z:\HPCHEM1\BNA F\DATA\BF123115\
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Sample : G4981-01
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-0529

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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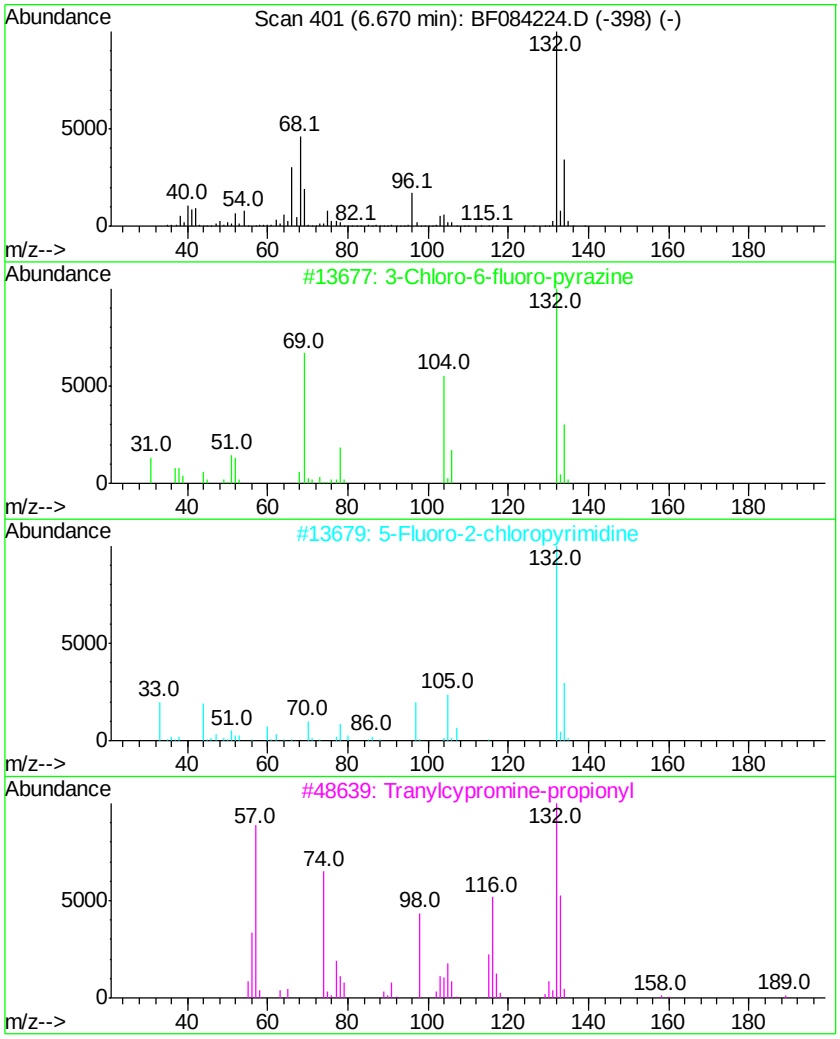
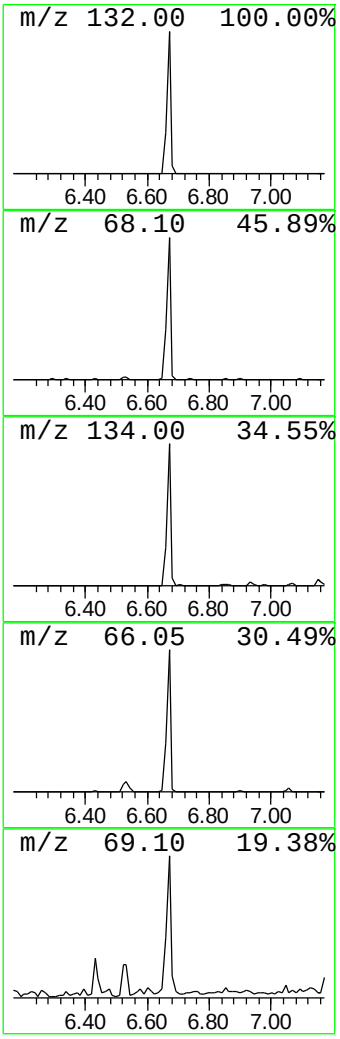
Peak Number 4 unknown6.67 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	57.29 ng	6732600	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





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Data File : BF084224.D
Acq On : 1 Jan 2016 4:47
Operator : UM/SJ
Sample : G4981-01
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-0529

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

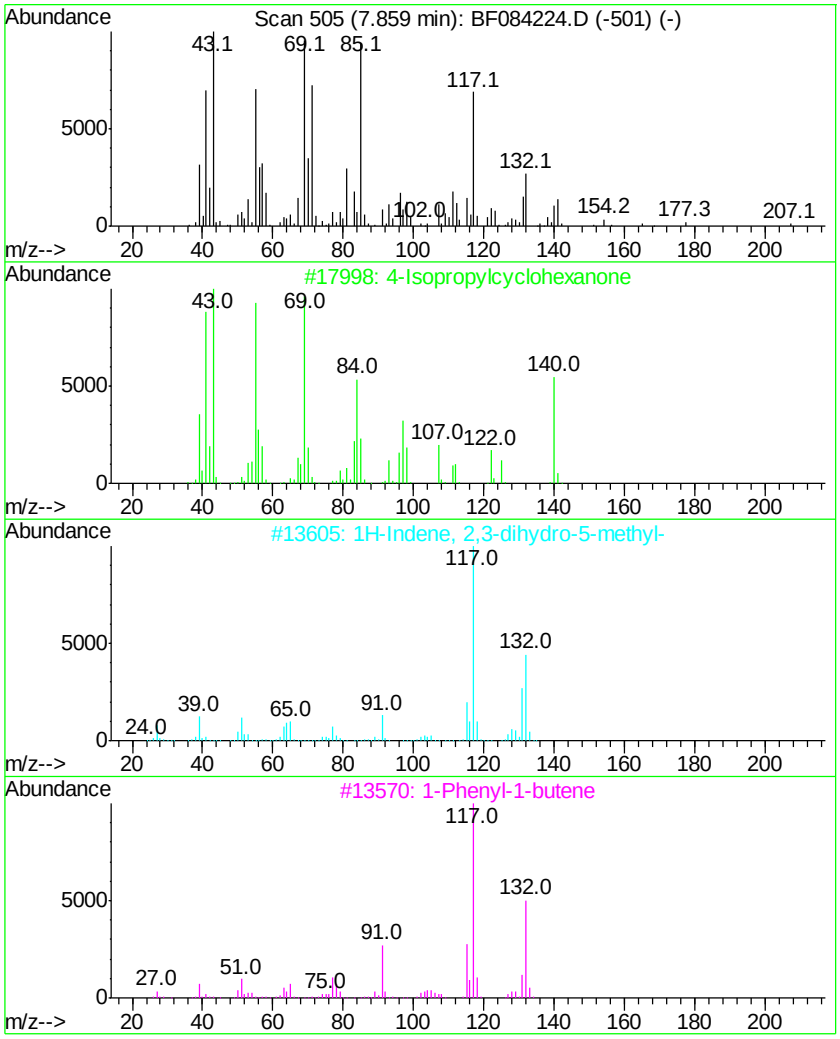
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

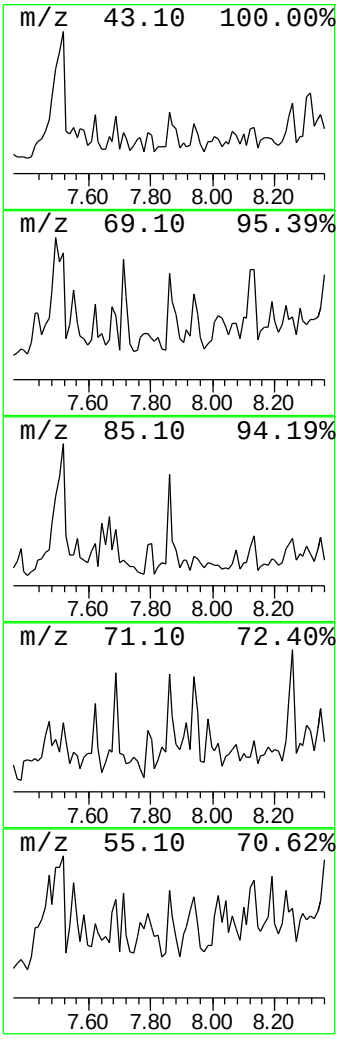
****

Peak Number 6 unknown7.06 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.86	9.08 ng	1414860	Naphthalene-d8	8.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Isopropylcyclohexanone	140	C9H16O	005432-85-9	38
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	25
3	1-Phenyl-1-butene	132	C10H12	000824-90-8	25
4	Cyclopropane, 1,1-diethyl-	98	C7H14	001003-19-6	25
5	2,6-Octadien-1-ol, 3,7-dimethyl-...	154	C10H18O	000106-24-1	25





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Data File : BF084224.D
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Instrument : BNA_F
ClientSampleId : S8-0529

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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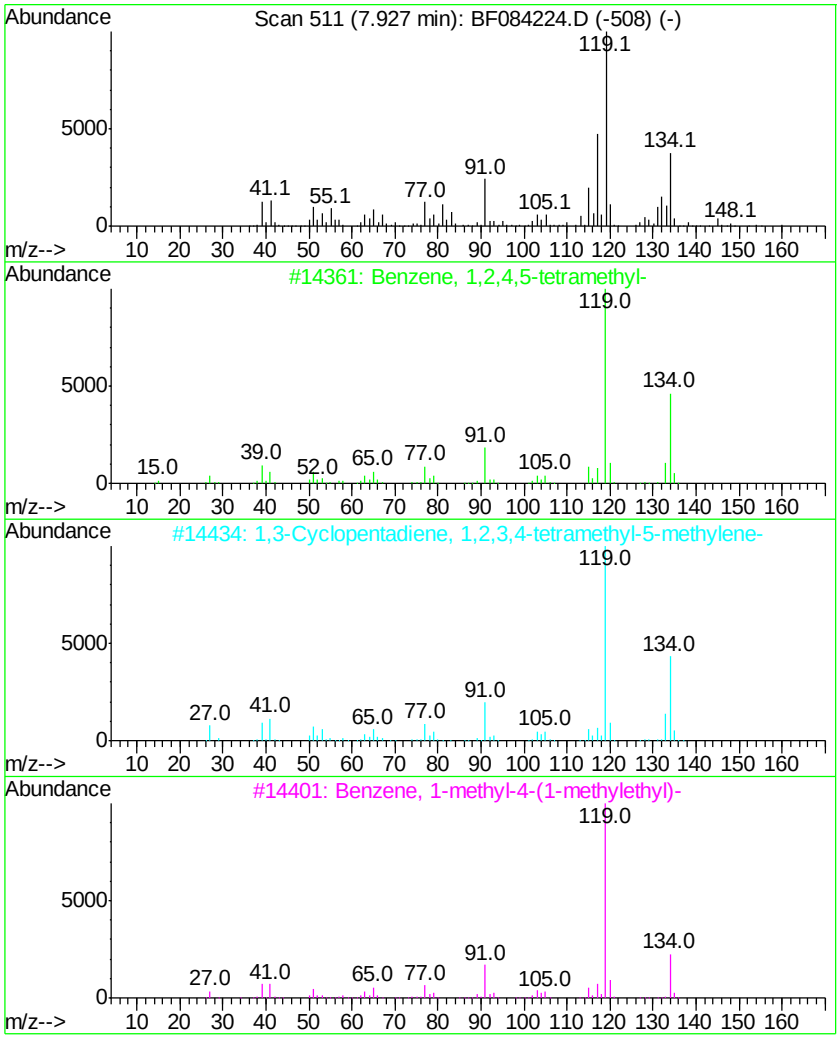
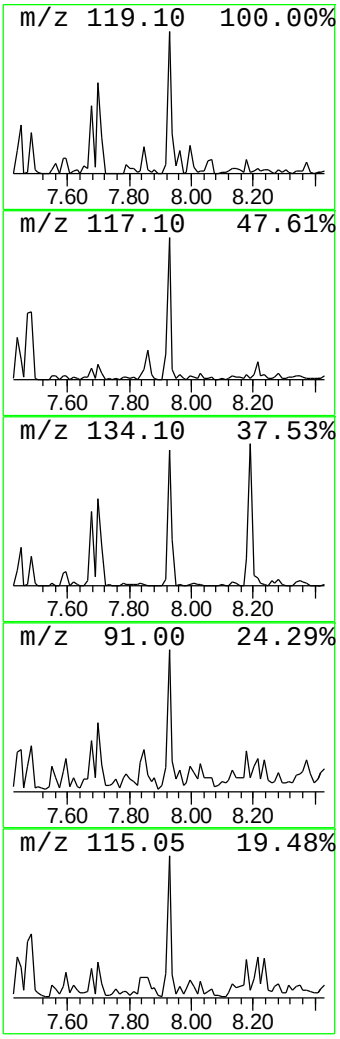
Peak Number 7 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.93	16.68 ng	2598390	Naphthalene-d8	8.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	64
2	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	64
3	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	60
4	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	60
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	60





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Acq On : 1 Jan 2016 4:47
Operator : UM/SJ
Sample : G4981-01
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-0529

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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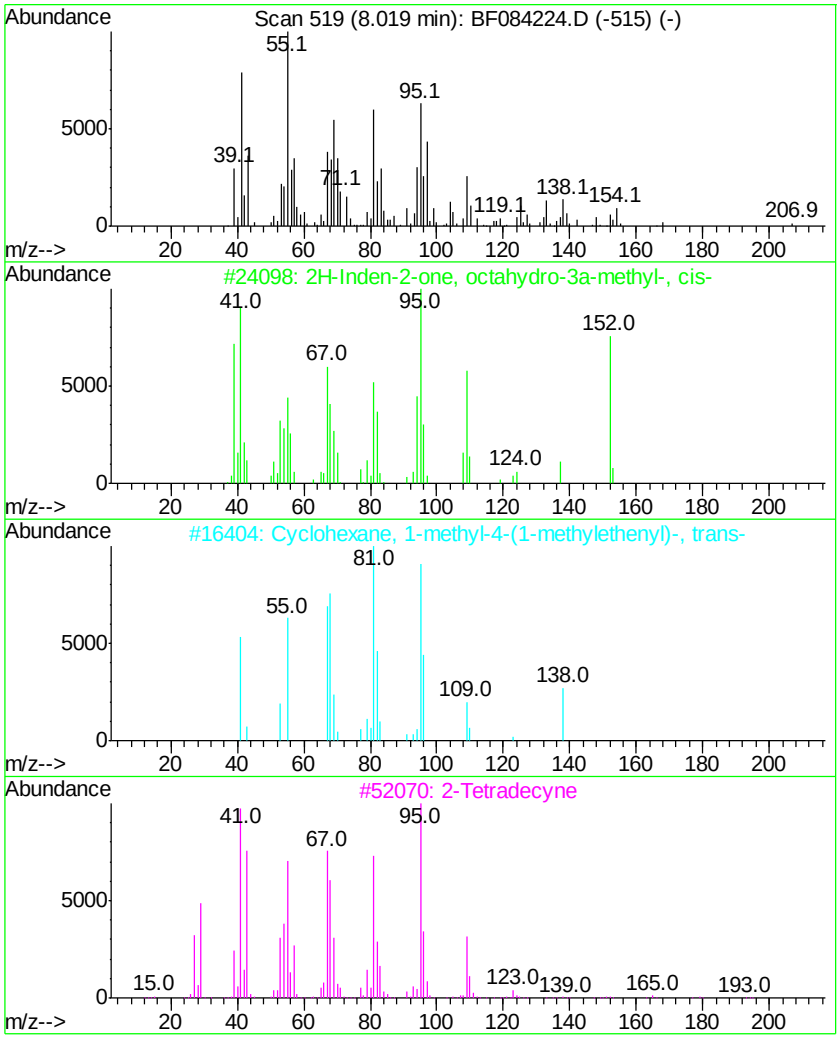
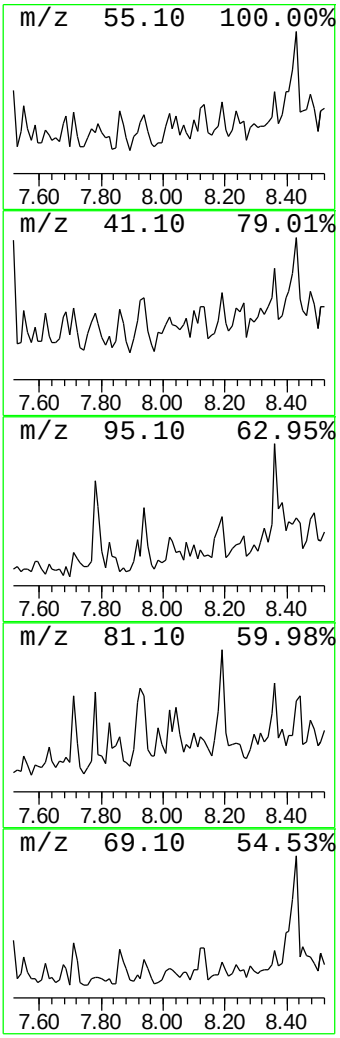
Peak Number 8 2H-Inden-2-one, octahydro-3... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.02	9.54 ng	1485750	Naphthalene-d8	8.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Inden-2-one, octahydro-3a-met...	152	C10H16O	013351-29-6	64
2	Cyclohexane, 1-methyl-4-(1-methy...	138	C10H18	001124-25-0	41
3	2-Tetradecyne	194	C14H26	000638-60-8	35
4	Furfuryl glycidyl ether	154	C8H10O3	005380-87-0	30
5	Bicyclo[4.1.0]heptane, 3,7,7-tri...	138	C10H18	000554-59-6	25





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Instrument : BNA_F
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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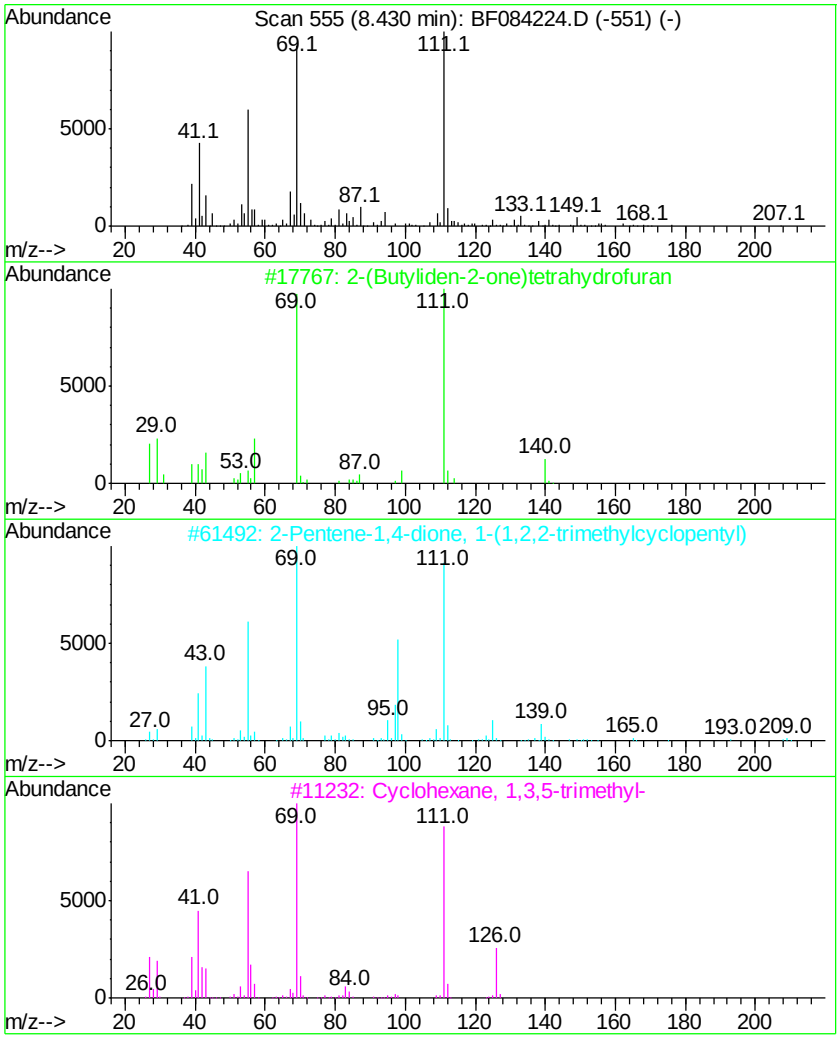
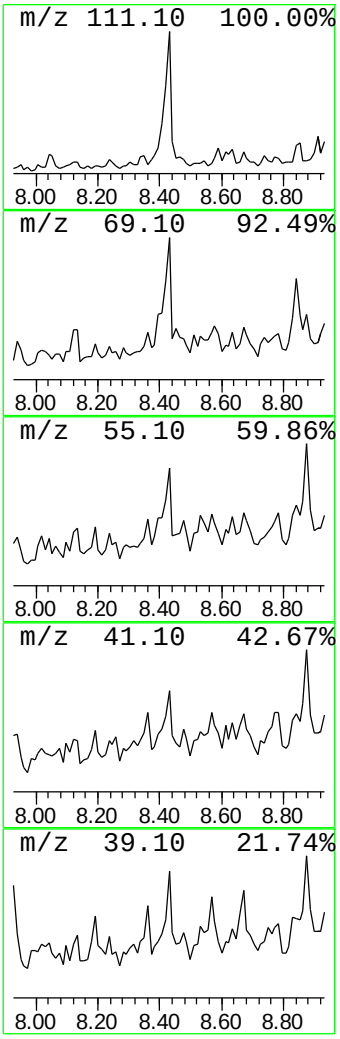
Peak Number 9 2-(Butyliden-2-one)tetrahyd... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.43	9.01 ng	1403550	Naphthalene-d8	8.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(Butyliden-2-one)tetrahydrofuran	140	C8H12O2	343270-50-8	78
2	2-Pentene-1,4-dione, 1-(1,2,2-tr...	208	C13H20O2	1000196-77-9	72
3	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	72
4	3-Isopropyl-5-methyl-hex-4-en-2-one	154	C10H18O	077142-85-9	59
5	Cyclohexane, 1-ethyl-1,4-dimethy...	140	C10H20	062238-30-6	50





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TIC Library : C:\DATABASE\NIST02.L
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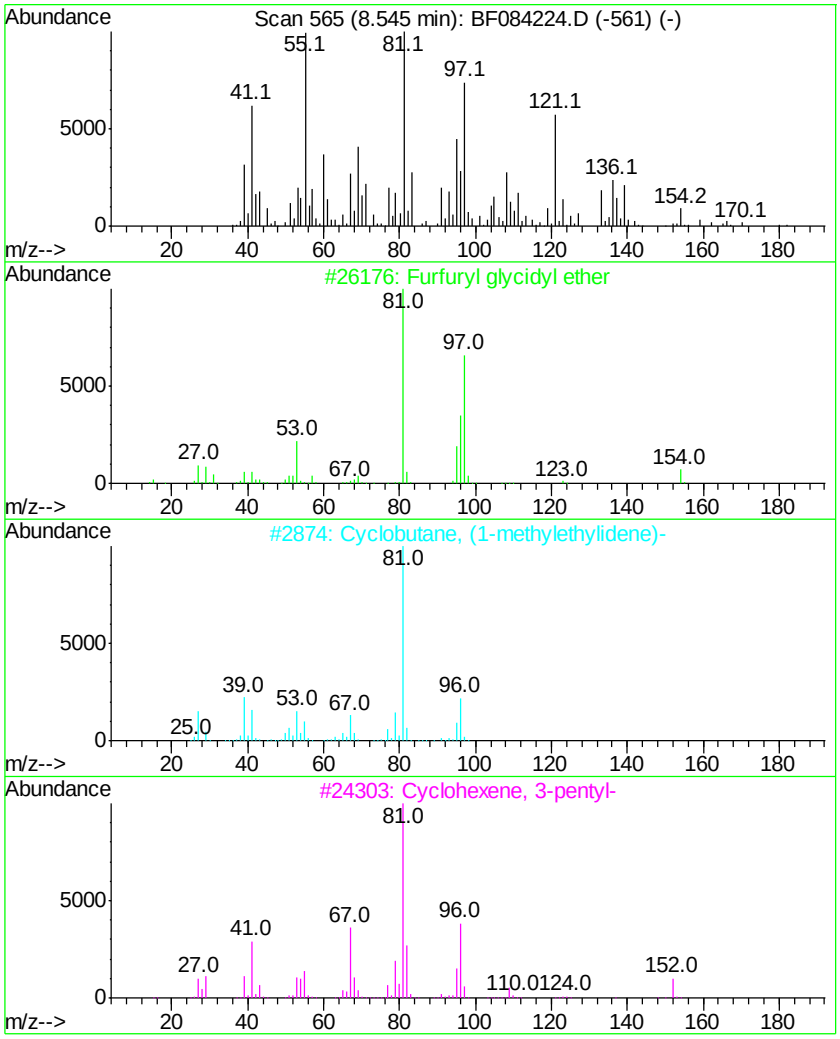
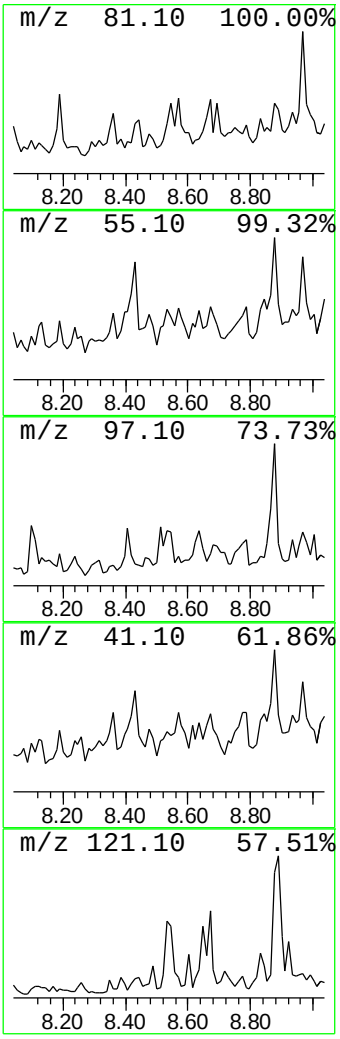
Peak Number 10 unknown8.54 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.54	7.98 ng	1243070	Naphthalene-d8	8.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furfuryl glycidyl ether	154	C8H10O3	005380-87-0	49
2	Cyclobutane, (1-methylethylidene)-	96	C7H12	001528-22-9	25
3	Cyclohexene, 3-pentyl-	152	C11H20	015232-92-5	22
4	Cyclohexane, 1-methyl-4-(1-methy...	168	C12H24	054411-00-6	22
5	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	22





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Instrument : BNA_F
ClientSampleId : S8-0529

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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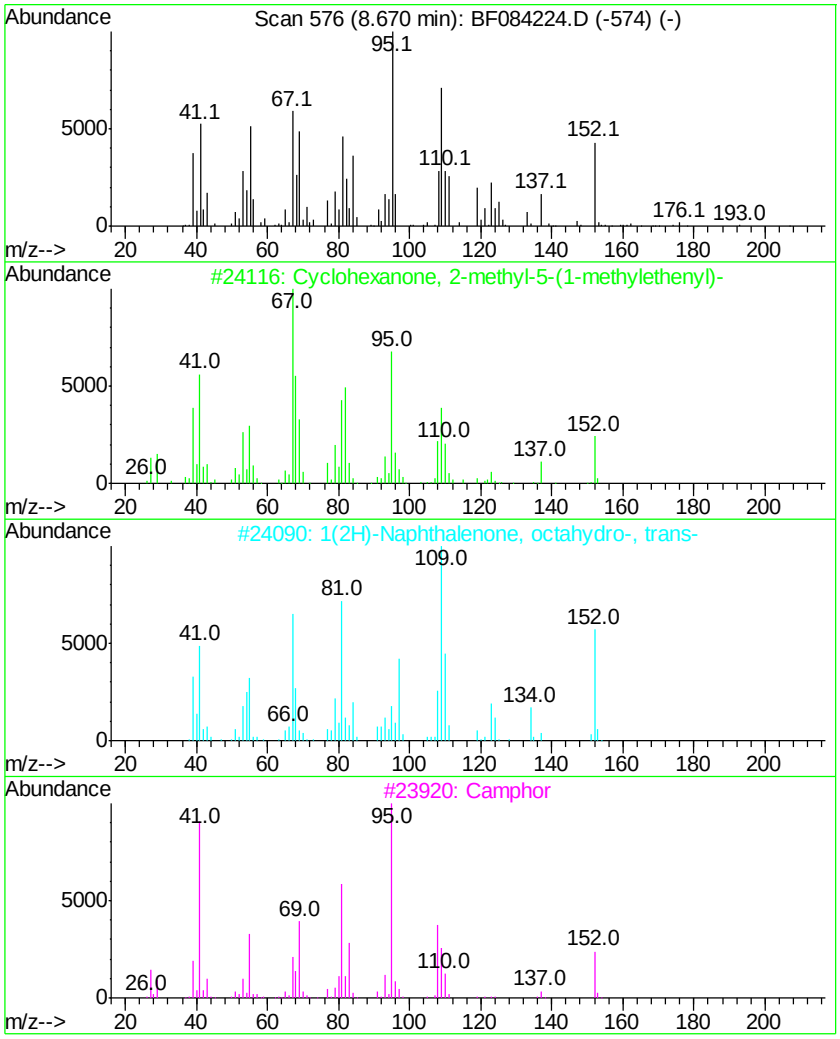
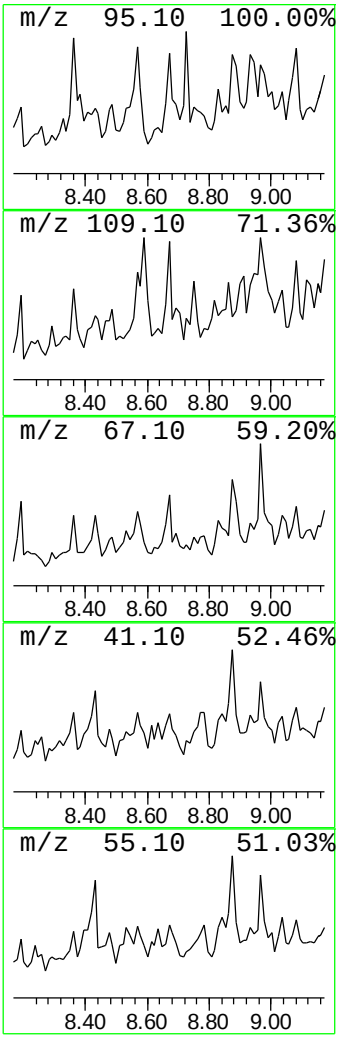
Peak Number 11 Cyclohexanone, 2-methyl-5-(... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.67	8.64 ng	1346550	Naphthalene-d8	8.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone, 2-methyl-5-(1-met...	152	C10H16O	007764-50-3	52
2	1(2H)-Naphthalenone, octahydro-,...	152	C10H16O	021370-71-8	49
3	Camphor	152	C10H16O	000076-22-2	43
4	Iridomyrmecin	168	C10H16O2	000485-43-8	43
5	2,4-Hexadiene, 2,5-dimethyl-	110	C8H14	000764-13-6	41





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ALS Vial : 35 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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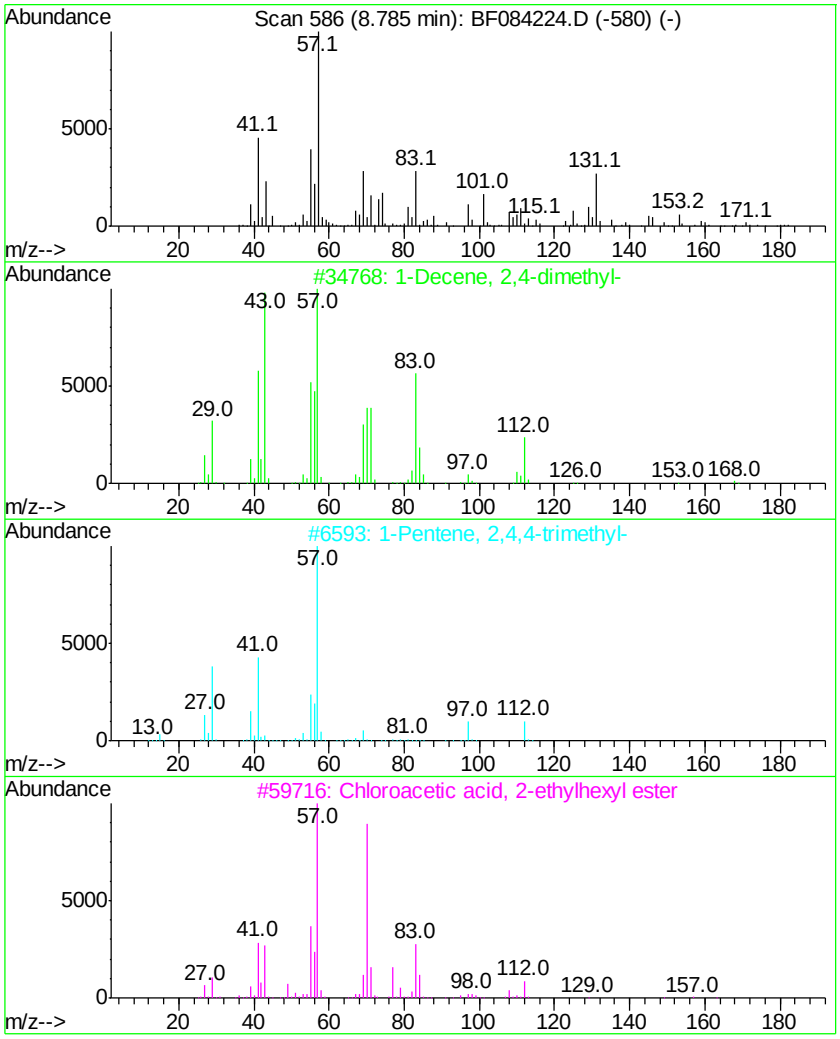
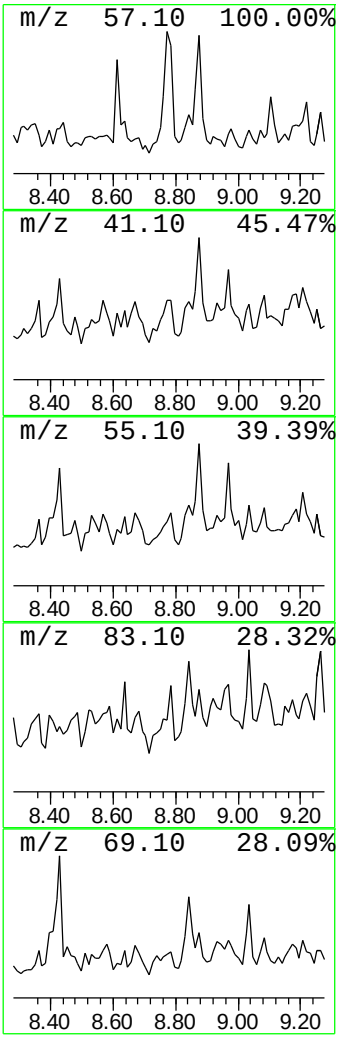
Peak Number 12 unknown8.78 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.78	9.84 ng	1532060	Naphthalene-d8	8.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Decene, 2,4-dimethyl-	168	C12H24	055170-80-4	27
2	1-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-39-1	25
3	Chloroacetic acid, 2-ethylhexyl ...	206	C10H19ClO2	005345-58-4	25
4	3-Eicosene, (E)-	280	C20H40	074685-33-9	22
5	2-Butanone, 1-(acetyloxy)-	130	C6H10O3	001575-57-1	22





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Instrument : BNA_F
ClientSampleId : S8-0529

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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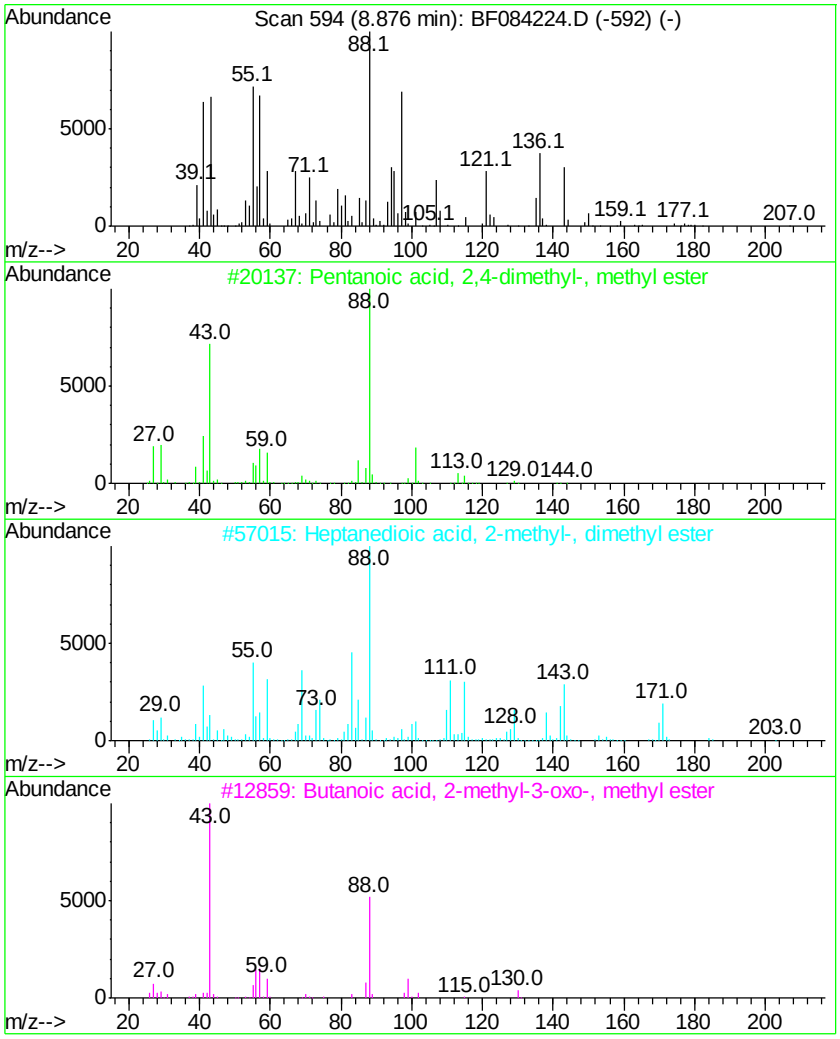
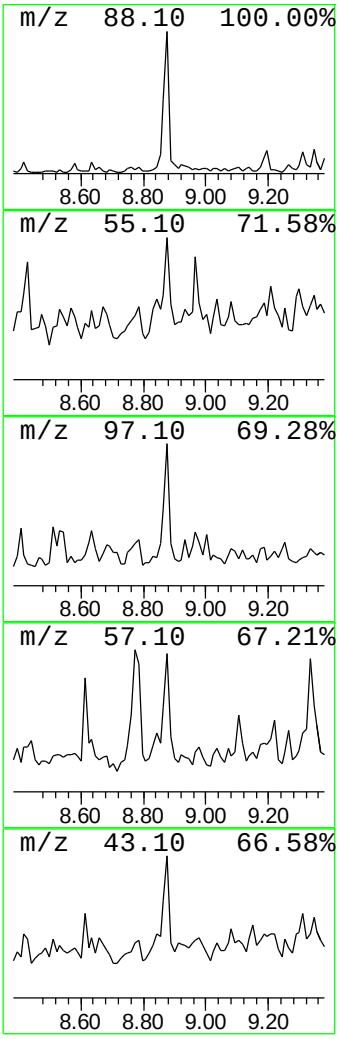
Peak Number 14 unknown8.88 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.88	10.75 ng	1674760	Naphthalene-d8	8.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanoic acid, 2,4-dimethyl-, m...	144	C8H16O2	071672-33-8	27
2	Heptanedioic acid, 2-methyl-, di...	202	C10H18O4	033658-48-9	25
3	Butanoic acid, 2-methyl-3-oxo-, ...	130	C6H10O3	017094-21-2	22
4	Heptanoic acid, 2,4-dimethyl-, m...	172	C10H20O2	018450-78-7	16
5	Butanoic acid, 2,3-dimethyl-, me...	130	C7H14O2	030540-29-5	16





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Instrument : BNA_F
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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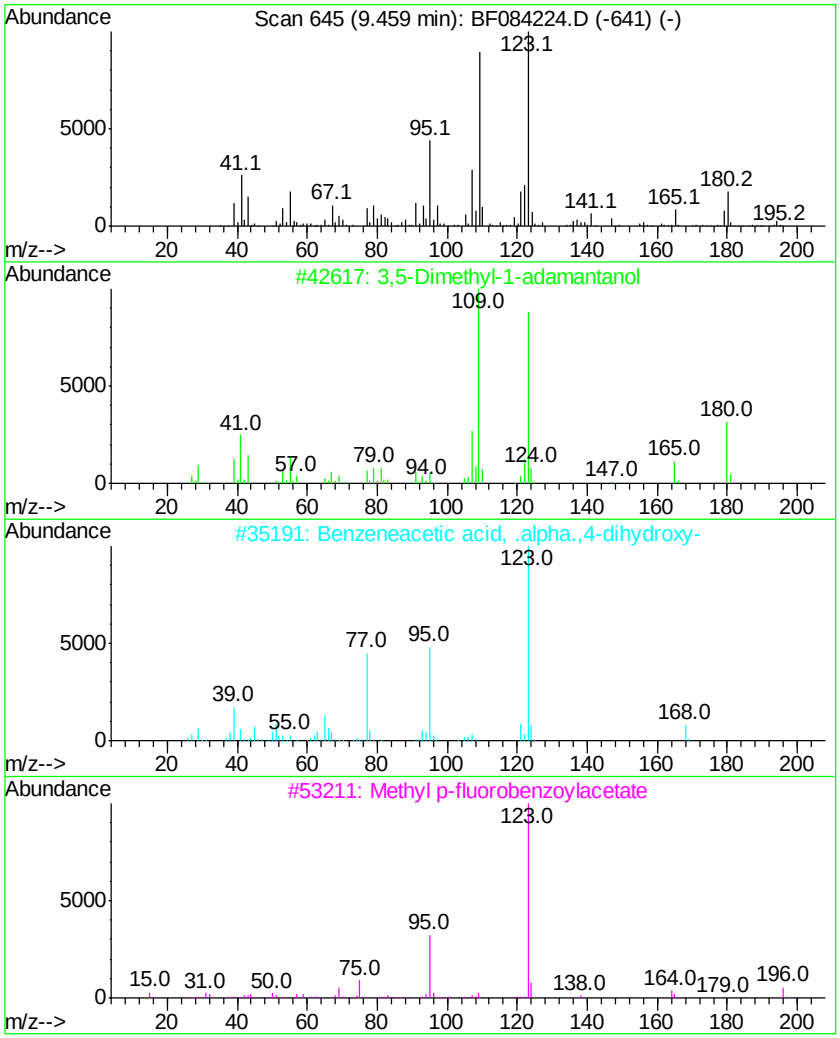
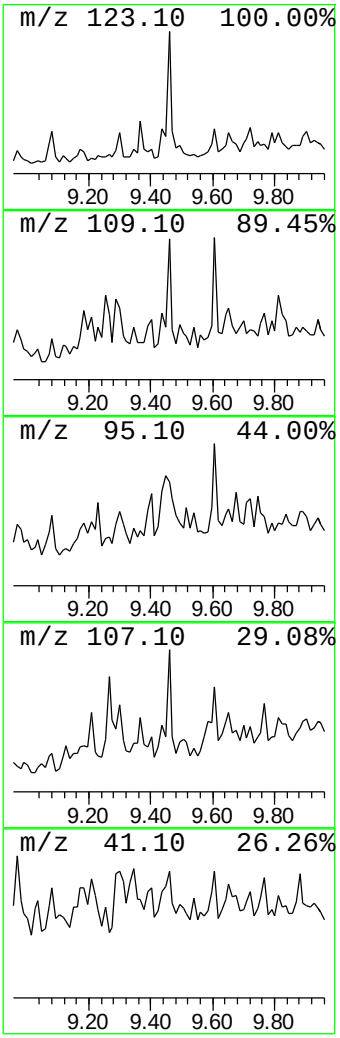
Peak Number 15 3,5-Dimethyl-1-adamantanol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.46	13.82 ng	1647370	Acenaphthene-d10	9.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-Dimethyl-1-adamantanol	180	C12H20O	000707-37-9	68
2	Benzeneacetic acid, .alpha.,4-di...	168	C8H8O4	001198-84-1	35
3	Methyl p-fluorobenzoylacetate	196	C10H9FO3	063131-29-3	35
4	Acetonitrile, 2-(4-methoxyphenoxy)-	163	C9H9NO2	022446-12-4	35
5	3-Fluorobenzoic acid, cyclopenty...	208	C12H13FO2	1000279-04-5	27





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Sample : G4981-01
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Instrument : BNA_F
ClientSampleId : S8-0529

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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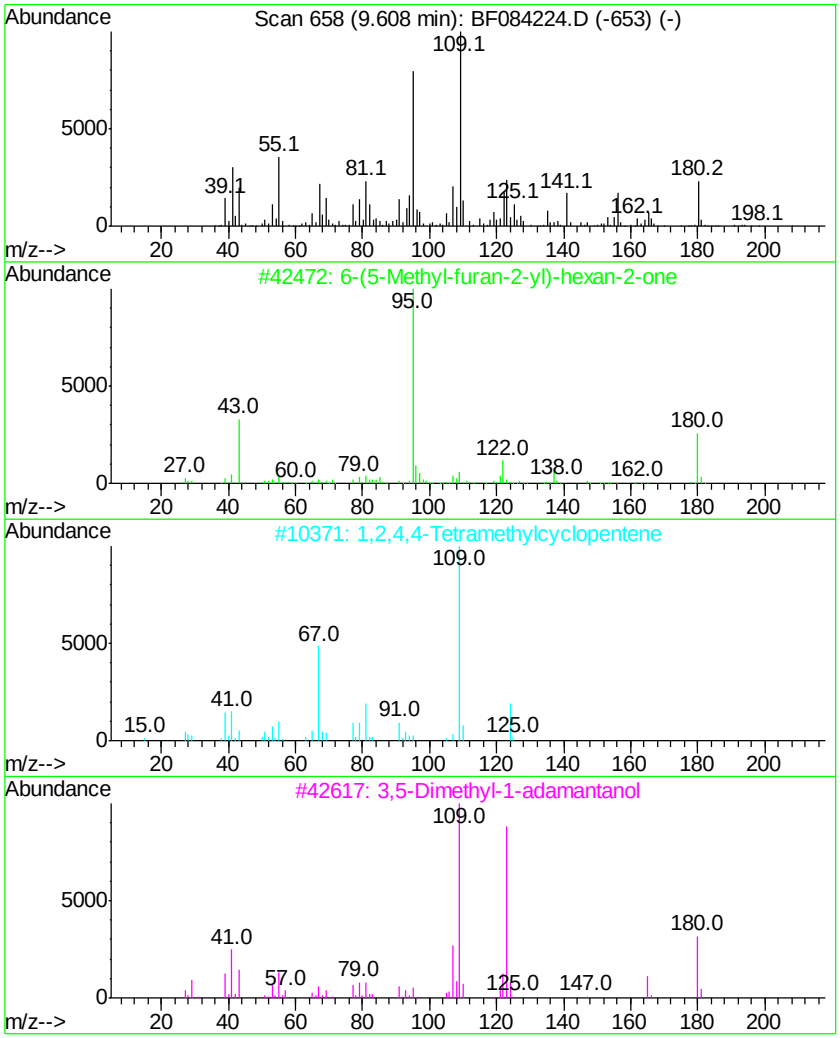
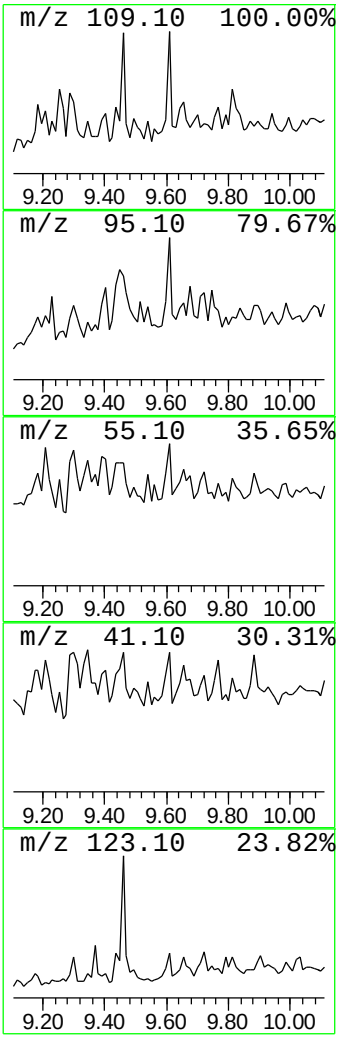
Peak Number 16 unknown9.61 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.61	15.33 ng	1827940	Acenaphthene-d10	9.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-(5-Methyl-furan-2-yl)-hexan-2-one	180	C11H16O2	1000185-87-5	38
2	1,2,4,4-Tetramethylcyclopentene	124	C9H16	065378-76-9	30
3	3,5-Dimethyl-1-adamantanol	180	C12H20O	000707-37-9	25
4	1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	25
5	Cyclopropane, 1,1-dimethyl-2-(2-...	124	C9H16	033422-32-1	22





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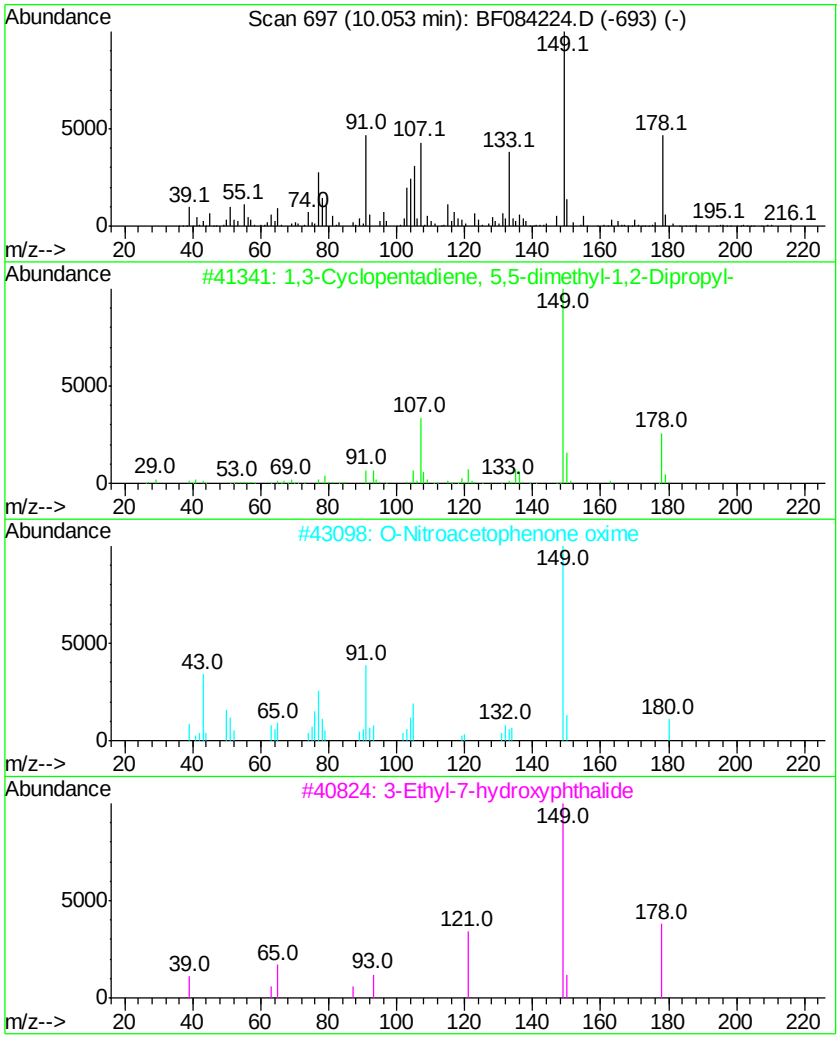
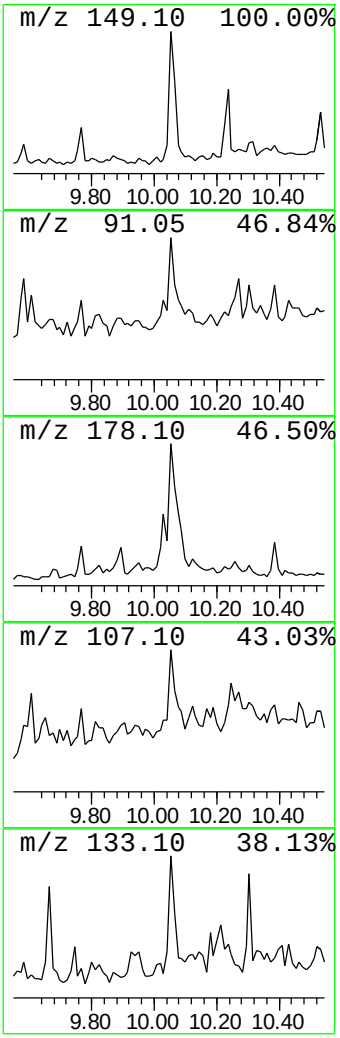
Peak Number 17 unknown10.05 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.05	10.19 ng	1215090	Acenaphthene-d10	9.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentadiene, 5,5-dimethy...	178	C13H22	1000163-88-0	43
2	O-Nitroacetophenone oxime	180	C8H8N2O3	010342-62-8	37
3	3-Ethyl-7-hydroxyphthalide	178	C10H10O3	000485-26-7	35
4	Benzofuran-2-one, 3-methyl-3-aza...	149	C8H7NO2	1000289-12-2	35
5	Benzenemethanol, 4-(1,1-dimethyl...	164	C11H16O	000877-65-6	27





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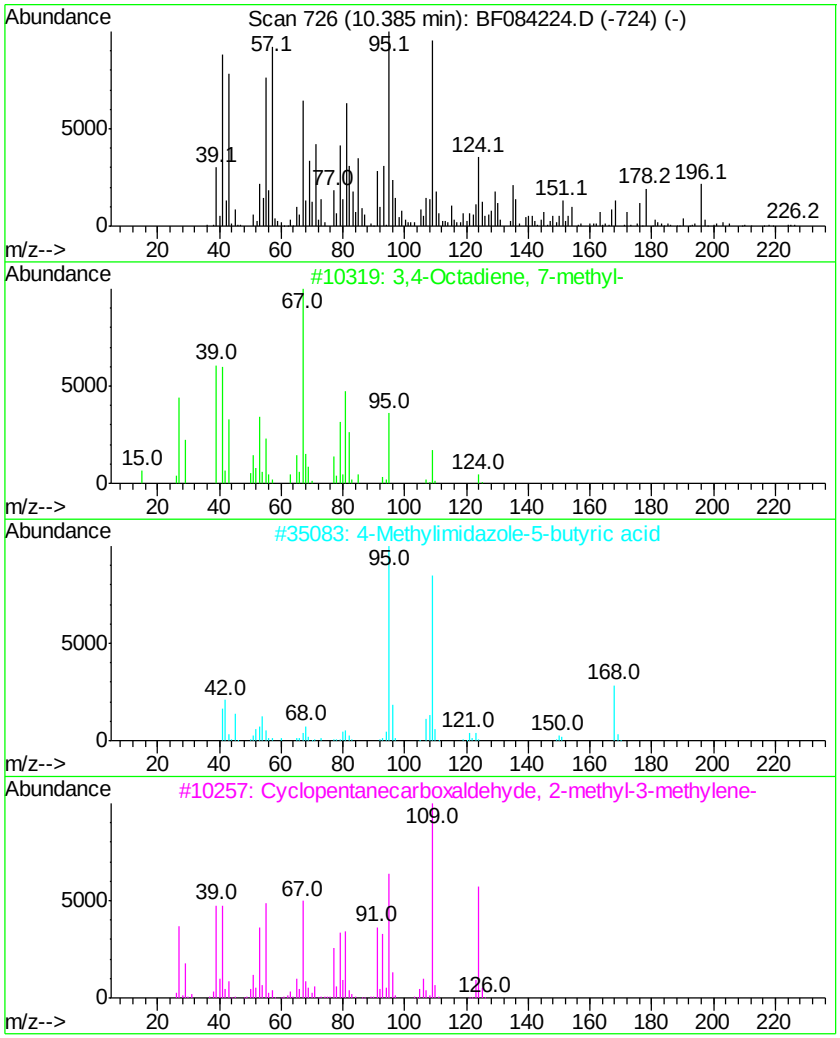
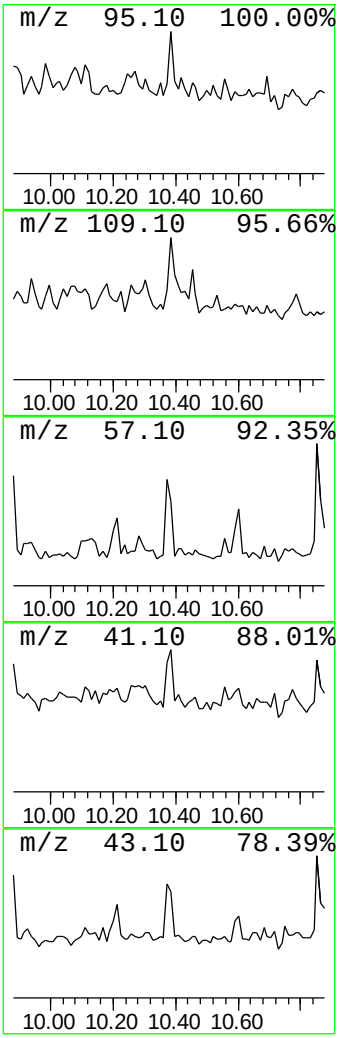
Peak Number 18 3,4-Octadiene, 7-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.38	10.33 ng	1231150	Acenaphthene-d10	9.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Octadiene, 7-methyl-	124	C9H16	037050-05-8	53
2	4-Methylimidazole-5-butyric acid	168	C8H12N2O2	1000129-14-7	50
3	Cyclopentanecarboxaldehyde, 2-me...	124	C8H12O	1000154-24-0	49
4	1-Methylbicyclo[3.2.1]octane	124	C9H16	119972-41-7	46
5	1,1-Dimethyl-4-methylenecyclohexane	124	C9H16	006007-96-1	30





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Instrument : BNA_F
ClientSampleId : S8-0529

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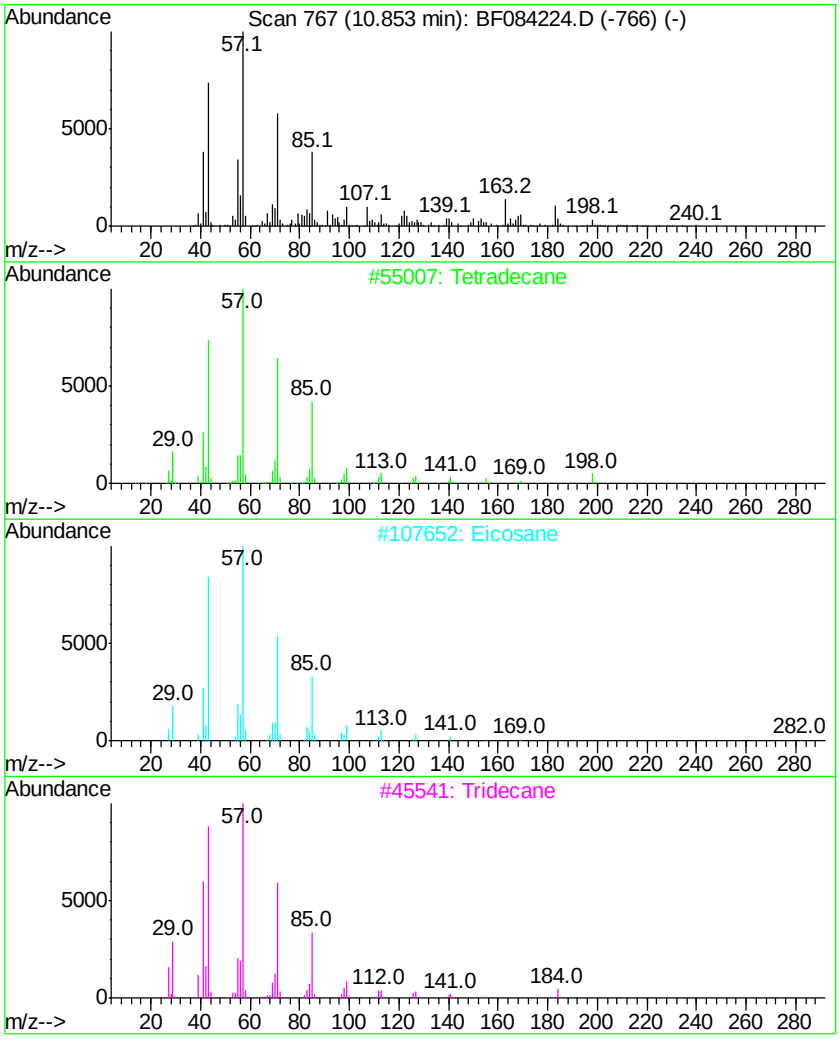
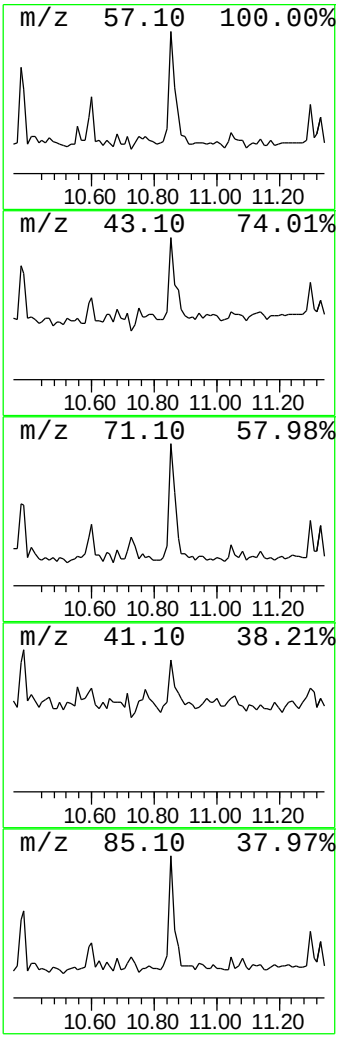
Peak Number 19 Tetradecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.85	14.32 ng	1039020	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	90
2	Eicosane	282	C20H42	000112-95-8	64
3	Tridecane	184	C13H28	000629-50-5	62
4	Octacosane	394	C28H58	000630-02-4	62
5	Undecane, 2-methyl-	170	C12H26	007045-71-8	58





Data Path : Z:\HPCHEM1\BNA F\DATA\BF123115\
Data File : BF084224.D
Acq On : 1 Jan 2016 4:47
Operator : UM/SJ
Sample : G4981-01
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-0529

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

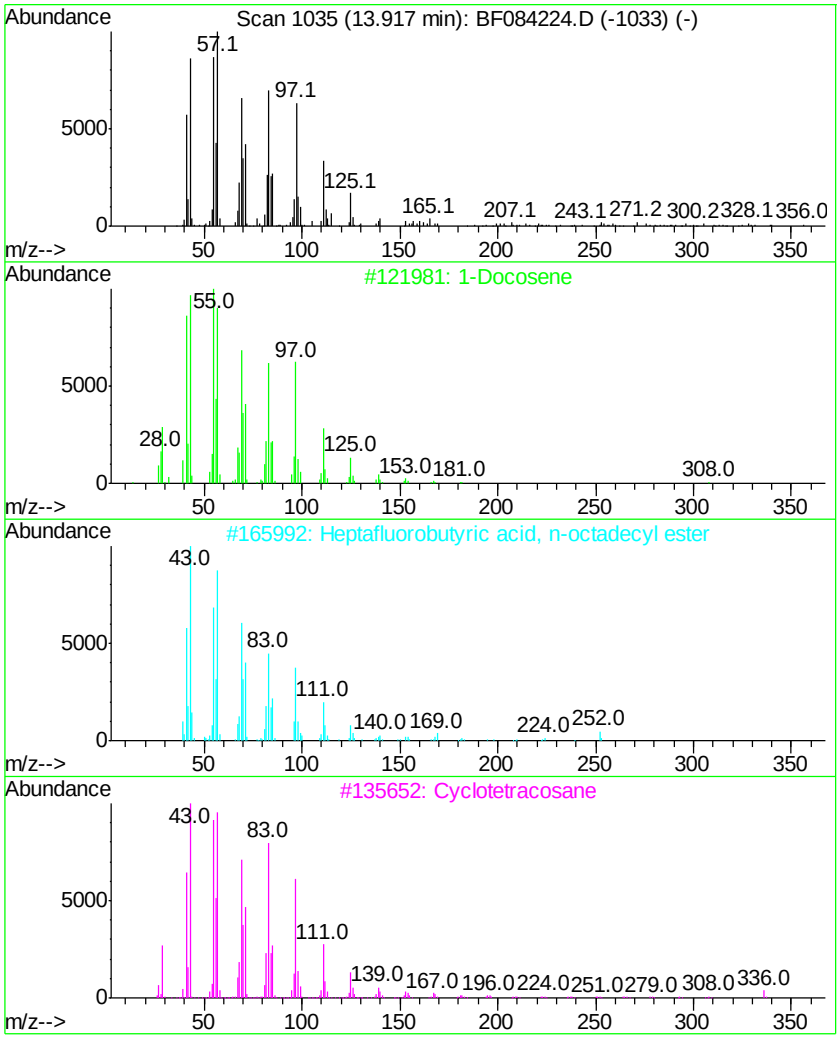
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

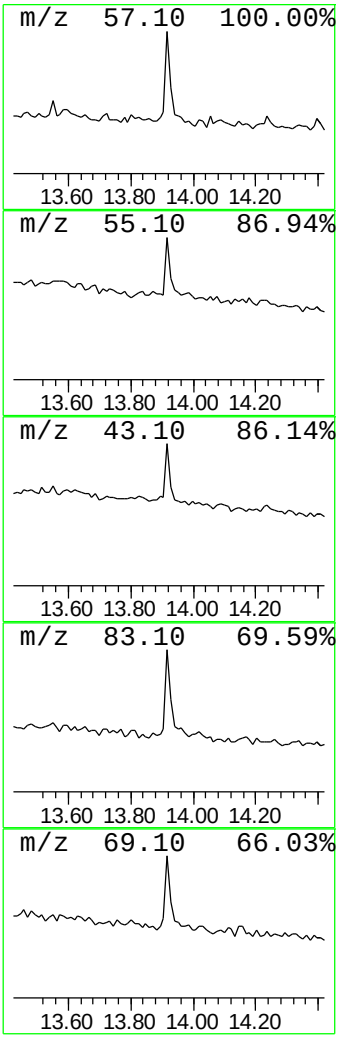
****

Peak Number 20 1-Docosene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.92	10.91 ng	747935	Chrysene-d12	14.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	94
2	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	91
3	Cyclotetracosane	336	C24H48	000297-03-0	91
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
5	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF123115\
Data File : BF084224.D
Acq On : 1 Jan 2016 4:47
Operator : UM/SJ
Sample : G4981-01
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-0529

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown5.08	5.08	13.2	ng	1553830	1	6.90	2350210	20.0
Cyclohexane, 1,1,...	6.43	10.2	ng	1195550	1	6.90	2350210	20.0
Benzene, 1-ethyl-...	6.59	9.5	ng	1117160	1	6.90	2350210	20.0
unknown6.67	6.67	57.3	ng	6732600	1	6.90	2350210	20.0
unknown7.06	7.86	9.1	ng	1414860	2	8.19	3115380	20.0
Benzene, 1,2,4,5-...	7.93	16.7	ng	2598390	2	8.19	3115380	20.0
2H-Inden-2-one, o...	8.02	9.5	ng	1485750	2	8.19	3115380	20.0
2-(Butyliden-2-on...	8.43	9.0	ng	1403550	2	8.19	3115380	20.0
unknown8.54	8.54	8.0	ng	1243070	2	8.19	3115380	20.0
Cyclohexanone, 2-...	8.67	8.6	ng	1346550	2	8.19	3115380	20.0
unknown8.78	8.78	9.8	ng	1532060	2	8.19	3115380	20.0
unknown8.88	8.88	10.8	ng	1674760	2	8.19	3115380	20.0
3,5-Dimethyl-1-ad...	9.46	13.8	ng	1647370	3	9.94	2384610	20.0
unknown9.61	9.61	15.3	ng	1827940	3	9.94	2384610	20.0
unknown10.05	10.05	10.2	ng	1215090	3	9.94	2384610	20.0
3,4-Octadiene, 7-...	10.38	10.3	ng	1231150	3	9.94	2384610	20.0
Tetradecane	10.85	14.3	ng	1039020	4	11.42	1450910	20.0
1-Docosene	13.92	10.9	ng	747935	5	14.07	1370590	20.0