LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010416\
Data File : BF084236.D
Acq On : 4 Jan 2016 14:00
Operator : UM/SJ
Sample : G4982-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-0536

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	2.201	5	10	13	rVB	1030061	1584458	5.26%	0.377%
2	2.361	21	24	29	rVB2	371040	715125	2.37%	0.170%
3	3.241	97	101	108	rVB	331301	665063	2.21%	0.158%
4	3.515	120	125	127	rBV	382023	738946	2.45%	0.176%
5	3.561	127	129	132	rVB	271984	432002	1.43%	0.103%
6	4.156	179	181	184	rVB	379487	481121	1.60%	0.115%
7	4.224	184	187	189	rBV	523252	677994	2.25%	0.161%
8	4.293	189	193	195	rVV	507419	647871	2.15%	0.154%
9	4.453	204	207	209	rBV	1221344	1489561	4.95%	0.355%
10	4.818	237	239	242	rVV2	369446	493009	1.64%	0.117%
11	4.876	242	244	246	rVB	348056	488352	1.62%	0.116%
12	5.081	259	262	265	rVV3	1227133	1892805	6.28%	0.451%
13	5.139	265	267	271	rVB2	429985	784675	2.61%	0.187%
14	5.207	271	273	275	rBV	570455	576131	1.91%	0.137%
15	5.356	283	286	288	rVB	1869924	1957159	6.50%	0.466%
16	5.459	293	295	297	rVV	1250938	1445946	4.80%	0.344%
17	5.504	297	299	301	rVB	5646257	5664163	18.81%	1.349%
18	5.630	307	310	312	rVV	247277	449757	1.49%	0.107%
19	5.676	312	314	316	rVV2	541671	859937	2.86%	0.205%
20	5.756	316	321	324	rVV4	1712403	2517285	8.36%	0.599%
21	5.939	332	337	342	rVB4	587515	1397051	4.64%	0.333%
22	6.053	345	347	349	rBV	1730121	1855916	6.16%	0.442%
23	6.099	349	351	354	rBV3	595286	1160195	3.85%	0.276%
24	6.167	354	357	359	rVB2	620909	915243	3.04%	0.218%
25	6.213	359	361	365	rVB2	492243	863313	2.87%	0.206%
26	6.304	368	369	372	rVB3	771482	989842	3.29%	0.236%
27	6.350	372	373	374	rVB	641731	440227	1.46%	0.105%
28	6.407	374	378	380	rBV2	1024113	1746117	5.80%	0.416%
29	6.441	380	381	384	rVB2	850274	1121269	3.72%	0.267%
30	6.544	387	390	393	rBV	2831214	3869531	12.85%	0.921%
31	6.613	393	396	398	rVB2	1041258	1205732	4.00%	0.287%
32	6.670	398	401	403	rBV	7750014	9301760	30.89%	2.215%
33	6.716	403	405	407	rBV3	501741	505897	1.68%	0.120%
34	6.773	407	410	412	rBV3	573804	953923	3.17%	0.227%

LSC Area Percent Report

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Sample : G4982-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-0536

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	6.819	412	414	415	rVV2	305254	413461	1.37%	0.098%
36	6.853	415	417	418	rVV	1618314	1698892	5.64%	0.404%
37	6.887	418	420	425	rVV3	2678128	5085789	16.89%	1.211%
38	6.967	425	427	430	rVB2	469065	555138	1.84%	0.132%
39	7.047	432	434	436	rBV	7364123	8401131	27.89%	2.000%
40	7.104	436	439	442	rVB3	875321	1430954	4.75%	0.341%
41	7.230	448	450	454	rBV2	1429399	2679837	8.90%	0.638%
42	7.310	454	457	458	rBV	3411544	5034712	16.72%	1.199%
43	7.333	458	459	462	rVV	1925517	2480791	8.24%	0.591%
44	7.402	462	465	467	rVV2	2355872	4602206	15.28%	1.096%
45	7.459	467	470	472	rVV	6371969	13655799	45.34%	3.251%
46	7.596	475	482	484	rVV3	6099535	29003930	96.30%	6.905%
47	7.676	485	489	491	rVV2	8325963	28063792	93.18%	6.682%
48	7.733	491	494	496	rVV2	5509783	13846073	45.97%	3.297%
49	7.779	496	498	499	rVV	4351533	8812063	29.26%	2.098%
50	7.847	501	504	506	rVV2	6049244	15650059	51.96%	3.726%
51	7.893	506	508	509	rVV	4379789	6659614	22.11%	1.586%
52	7.985	509	516	517	rVV	7447470	30117203	100.00%	7.170%
53	8.053	520	522	527	rVB3	4266129	7836621	26.02%	1.866%
54	8.179	529	533	536	rVB5	3111391	7079174	23.51%	1.685%
55	8.247	536	539	544	rBV5	1442709	3695031	12.27%	0.880%
56	8.327	544	546	547	rVB2	462270	476926	1.58%	0.114%
57	8.373	547	550	552	rBV2	2190986	4914551	16.32%	1.170%
58	8.442	552	556	560	rVV5	3424620	9797097	32.53%	2.333%
59	8.522	560	563	564	rVV2	1827910	4412707	14.65%	1.051%
60	8.567	564	567	569	rVV4	2664769	7159790	23.77%	1.705%
61	8.625	569	572	574	rVV3	3759697	11474284	38.10%	2.732%
62	8.682	574	577	582	rVV5	5646811	23201989	77.04%	5.524%
63	8.762	582	584	586	rVV2	4154624	9752465	32.38%	2.322%
64	8.796	586	587	590	rVV3	4024288	4241062	14.08%	1.010%
65	8.853	590	592	593	rVV2	2344223	2673227	8.88%	0.636%
66	8.910	593	597	600	rVB4	3211000	6875245	22.83%	1.637%
67	8.979	600	603	604	rBV	4863860	6976573	23.16%	1.661%
68	9.070	609	611	612	rVV	804867	1095598	3.64%	0.261%
69	9.105	612	614	616	rVV2	1332436	2298331	7.63%	0.547%
70	9.150	616	618	619	rVV2	1980458	3561407	11.83%	0.848%
71	9.173	619	620	623	rVV2	2797998	5116812	16.99%	1.218%

LSC Area Percent Report

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Acq On : 4 Jan 2016 14:00
Operator : UM/SJ
Sample : G4982-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-0536

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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If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	9.265	626	628	630	rVV	10427025	11358642	37.71%	2.704%
73	9.299	630	631	634	rVB3	1858577	1776947	5.90%	0.423%
74	9.356	634	636	637	rBV	1916427	1837117	6.10%	0.437%
75	9.379	637	638	641	rVV2	814293	1299328	4.31%	0.309%
76	9.436	641	643	645	rVV	1161353	1621061	5.38%	0.386%
77	9.470	645	646	647	rVV	878962	656789	2.18%	0.156%
78	9.528	647	651	654	rVV4	829924	2193706	7.28%	0.522%
79	9.608	655	658	661	rVB5	1274303	2687399	8.92%	0.640%
80	9.870	679	681	685	rVB5	604736	1412319	4.69%	0.336%
81	9.939	685	687	691	rBV	4350283	5215776	17.32%	1.242%
82	10.019	691	694	697	rVV4	818565	1583245	5.26%	0.377%
83	10.110	700	702	705	rVB4	1077462	1971157	6.54%	0.469%
84	10.190	705	709	710	rBV3	619445	1632411	5.42%	0.389%
85	10.213	710	711	713	rVB2	895877	661324	2.20%	0.157%
86	10.259	713	715	717	rBV2	779826	1383672	4.59%	0.329%
87	10.385	724	726	727	rBV	1066996	1511714	5.02%	0.360%
88	10.408	727	728	731	rBV	1041439	1293586	4.30%	0.308%
89	10.739	754	757	759	rVB	5367550	6896580	22.90%	1.642%
90	10.808	759	763	766	rBV6	288004	840632	2.79%	0.200%
91	11.425	815	817	819	rVB	2969397	2680616	8.90%	0.638%
92	11.653	831	837	843	rVB2	642985	2998374	9.96%	0.714%
93	12.042	869	871	874	rVB2	274862	446353	1.48%	0.106%
94	12.705	924	929	931	rBV2	362538	1383135	4.59%	0.329%
95	12.831	938	940	944	rVB	784534	747344	2.48%	0.178%
96	13.014	953	956	958	rBV	5604760	7517504	24.96%	1.790%
97	13.539	999	1002	1003	rBV	474580	523612	1.74%	0.125%
98	13.608	1004	1008	1012	rVV3	230515	792370	2.63%	0.189%
99	14.054	1045	1047	1049	rBV	2061953	1807285	6.00%	0.430%
100	15.494	1170	1173	1175	rBV	1338281	1574352	5.23%	0.375%

Sum of corrected areas: 420022060

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010416\
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Acq On : 4 Jan 2016 14:00
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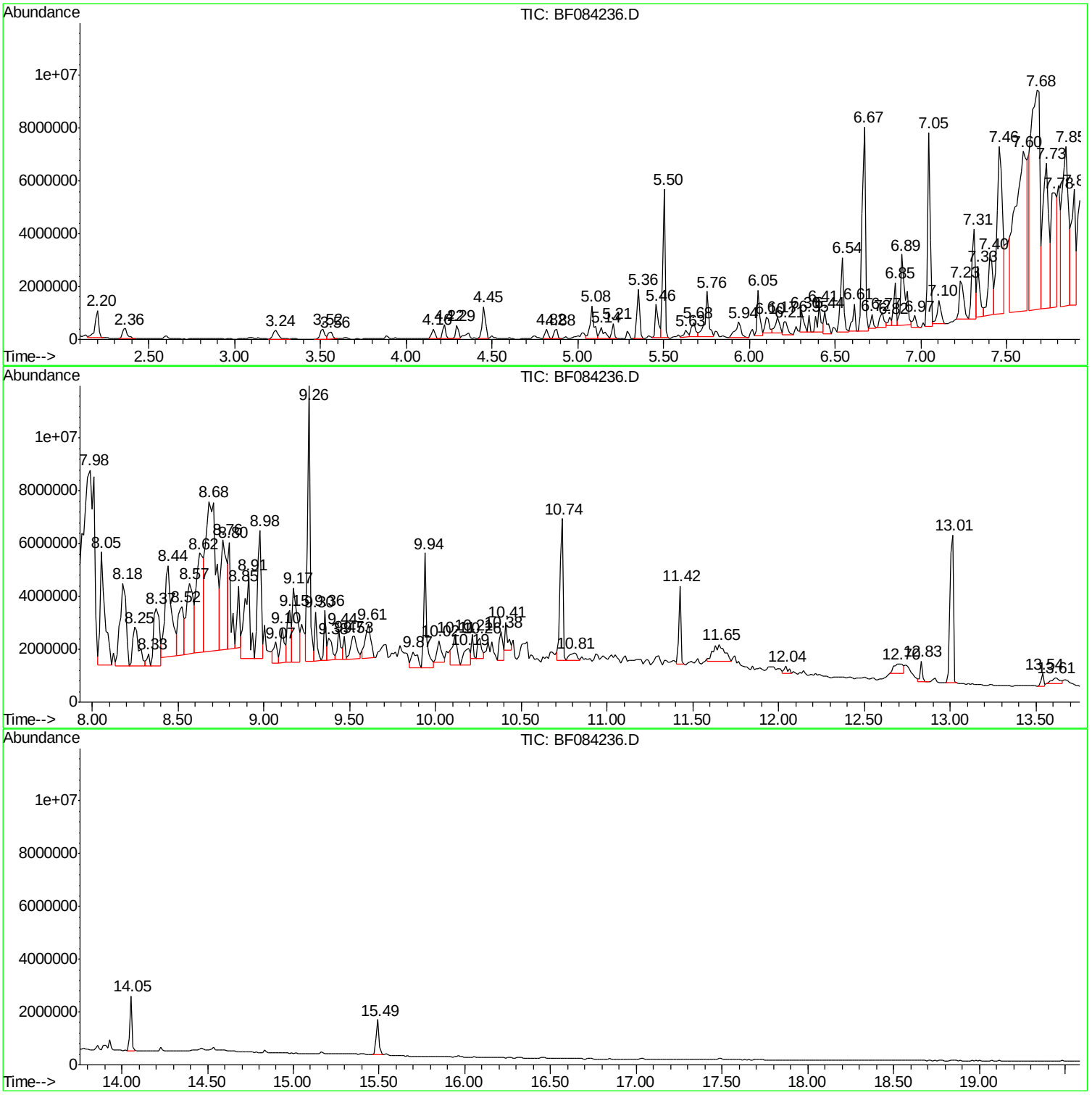
Sample : G4982-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-0536

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\BF010416\
Data File : BF084236.D
Acq On : 4 Jan 2016 14:00
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Sample : G4982-04
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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
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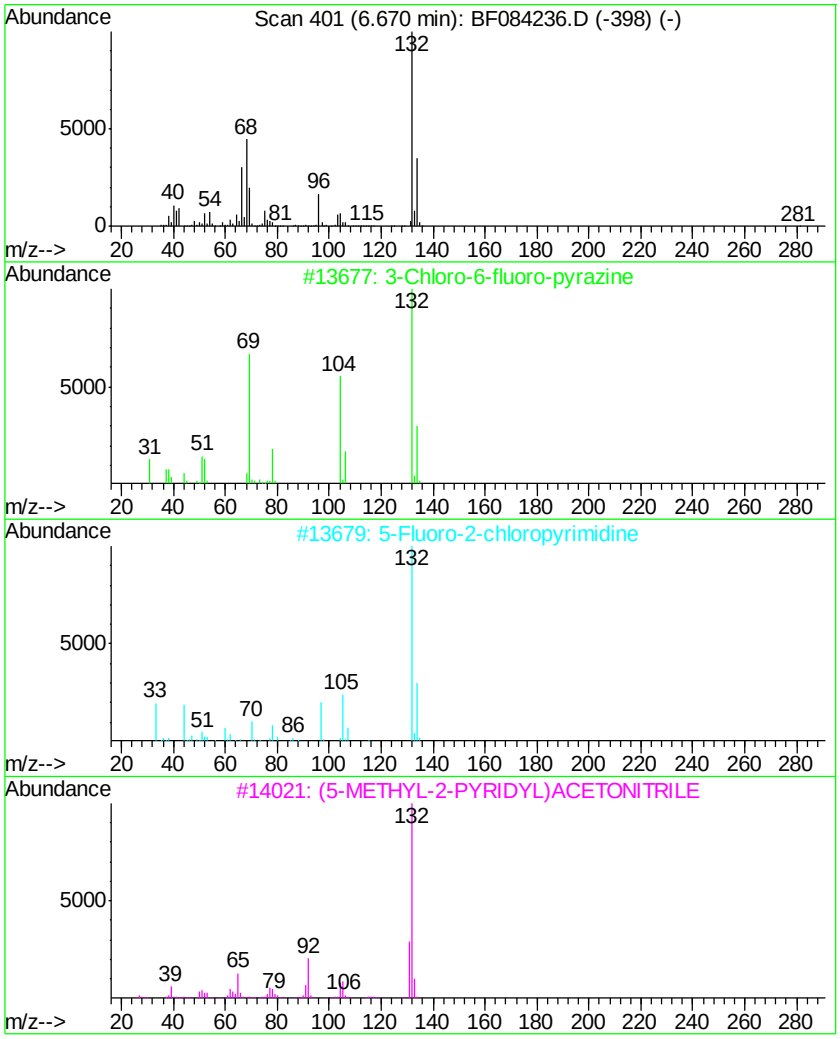
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

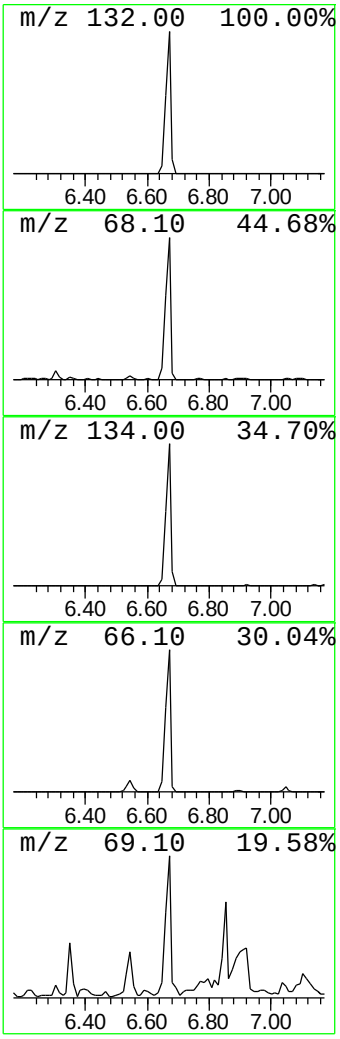
****

Peak Number 1 unknown6.67 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	36.58 ng	9301760	1,4-Dichlorobenzene-d4	6.89

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	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
4	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF010416\
Data File : BF084236.D
Acq On : 4 Jan 2016 14:00
Operator : UM/SJ
Sample : G4982-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-0536

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

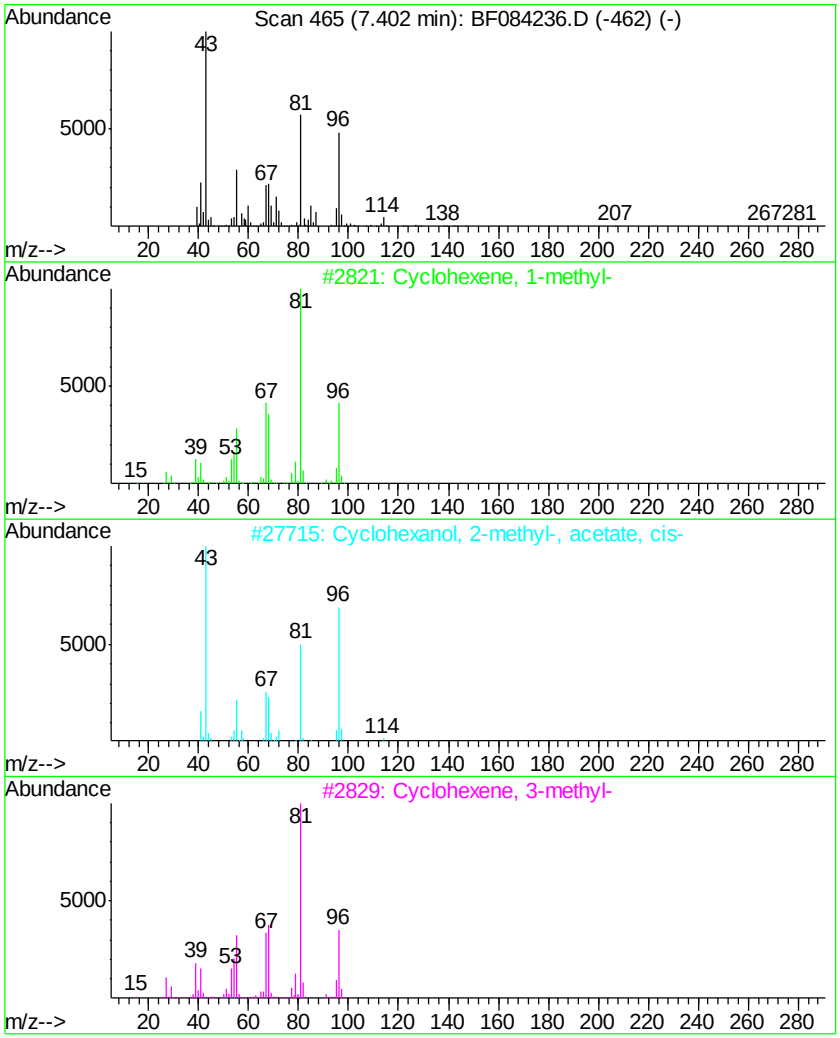
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

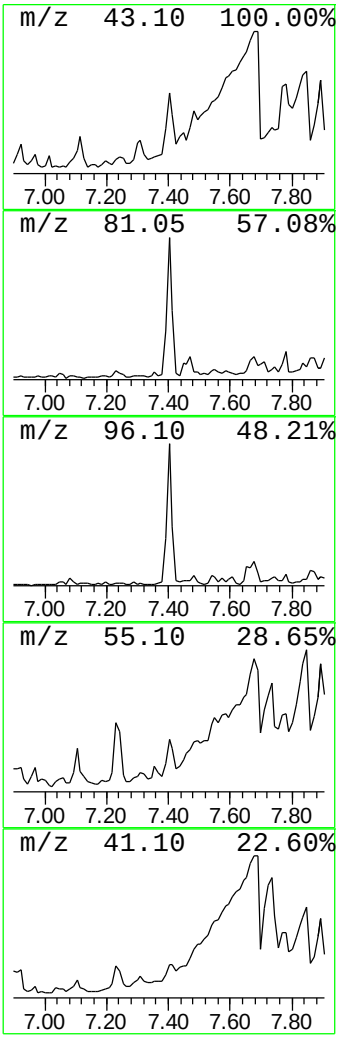
****

Peak Number 3 Cyclohexene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.40	18.10 ng	4602210	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	76
2	Cyclohexanol, 2-methyl-, acetate...	156	C9H16O2	054714-33-9	53
3	Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	47
4	1-Methyl-2-trifluoroacetoxycyclo...	210	C9H13F3O2	1000216-63-9	45
5	6-Methyl-bicyclo[4.2.0]octan-7-ol	140	C9H16O	1000193-87-3	45





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Sample : G4982-04
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Instrument : BNA_F
ClientSampleId : S8-0536

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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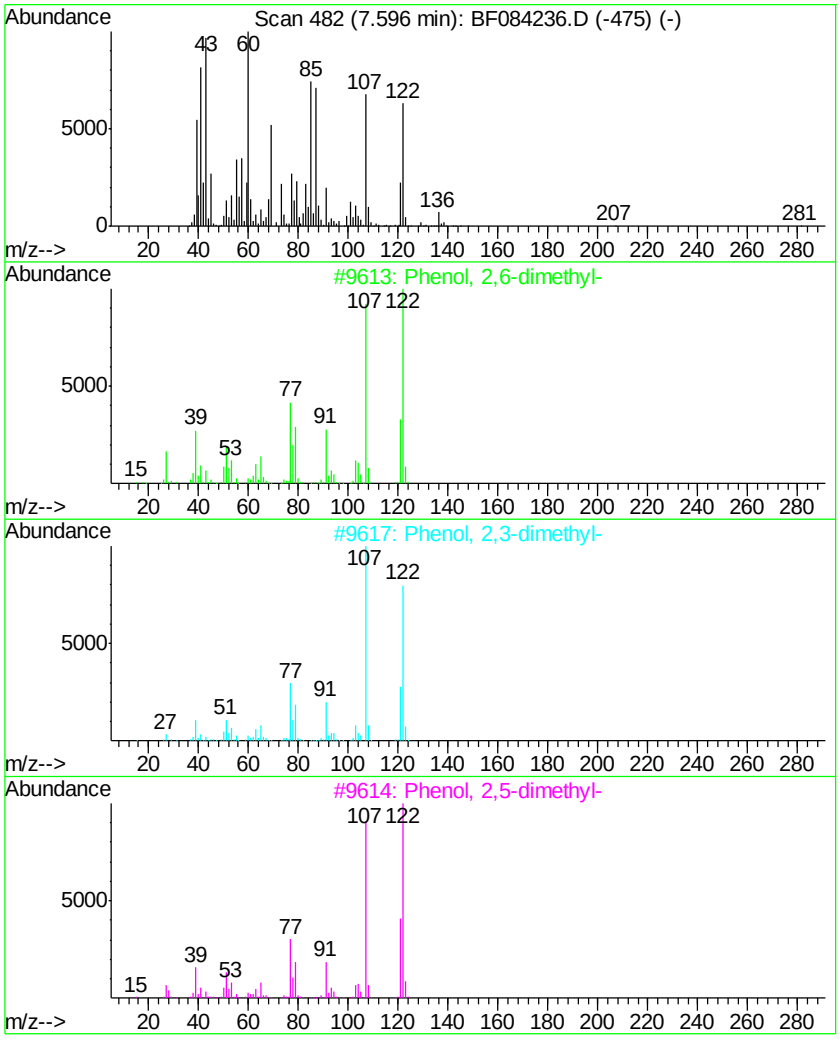
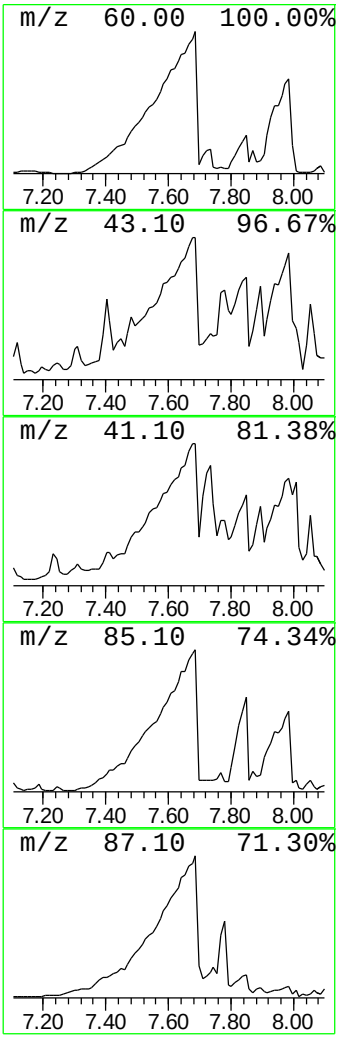
Peak Number 4 Phenol, 2,6-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.60	81.94 ng	29003900	Naphthalene-d8	8.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	90
2	Phenol, 2,3-dimethyl-	122	C8H10O	000526-75-0	59
3	Phenol, 2,5-dimethyl-	122	C8H10O	000095-87-4	53
4	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	25
5	Phenol, 2,4-dimethyl-	122	C8H10O	000105-67-9	18





Data Path : Z:\HPCHEM1\BNA F\DATA\BF010416\
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Acq On : 4 Jan 2016 14:00
Operator : UM/SJ
Sample : G4982-04
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ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-0536

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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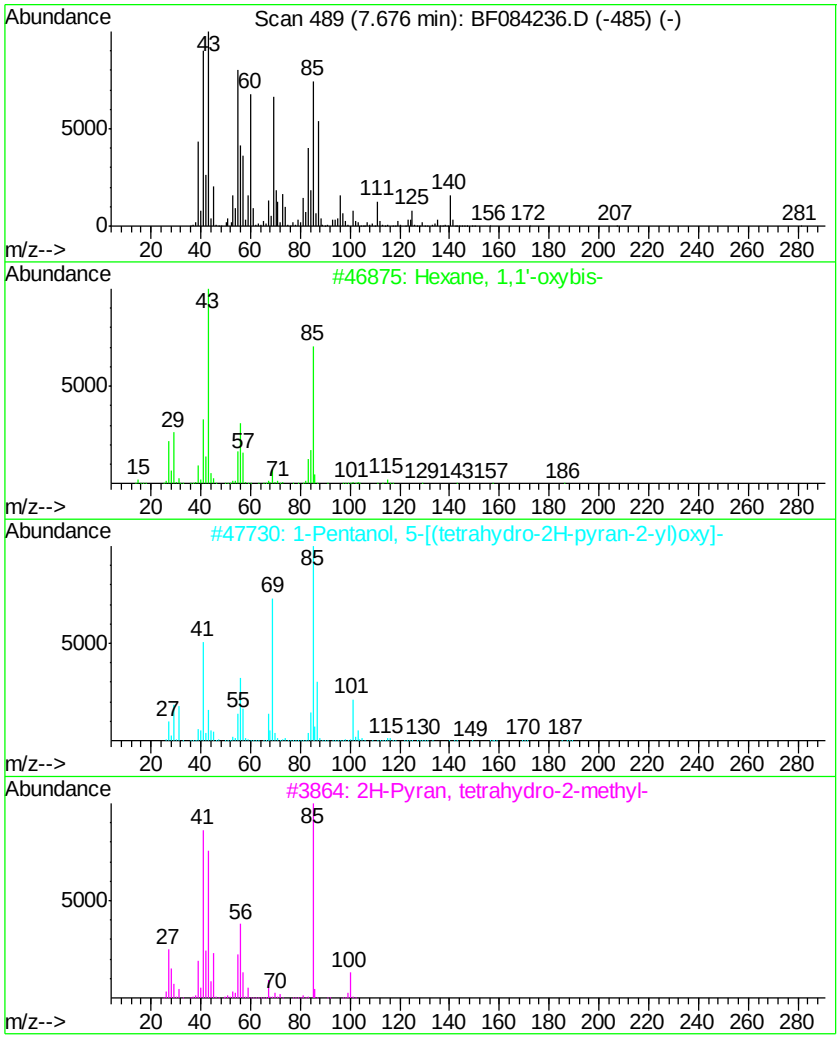
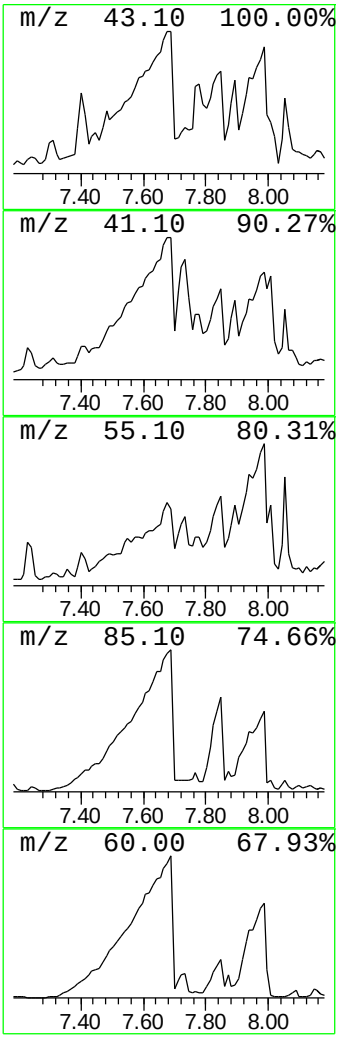
Peak Number 5 unknown7.68 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.68	79.29 ng	28063800	Naphthalene-d8	8.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 1,1'-oxybis-	186	C12H26O	000112-58-3	35
2	1-Pentanol, 5-[(tetrahydro-2H-py...	188	C10H20O3	076102-74-4	35
3	2H-Pyran, tetrahydro-2-methyl-	100	C6H12O	010141-72-7	27
4	2-(4-Chloro-1-methylbutoxy)tetra...	206	C10H19ClO2	102108-35-0	27
5	Cyclodecane	140	C10H20	000293-96-9	25





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Data File : BF084236.D
Acq On : 4 Jan 2016 14:00
Operator : UM/SJ
Sample : G4982-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-0536

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

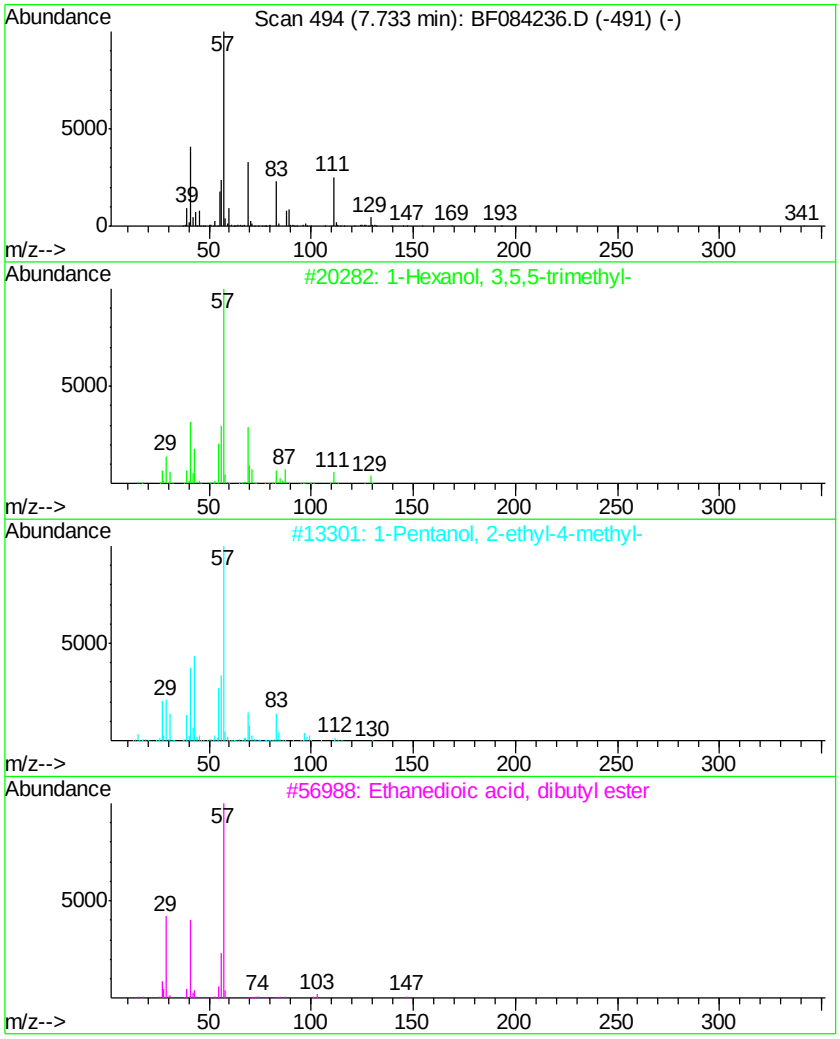
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

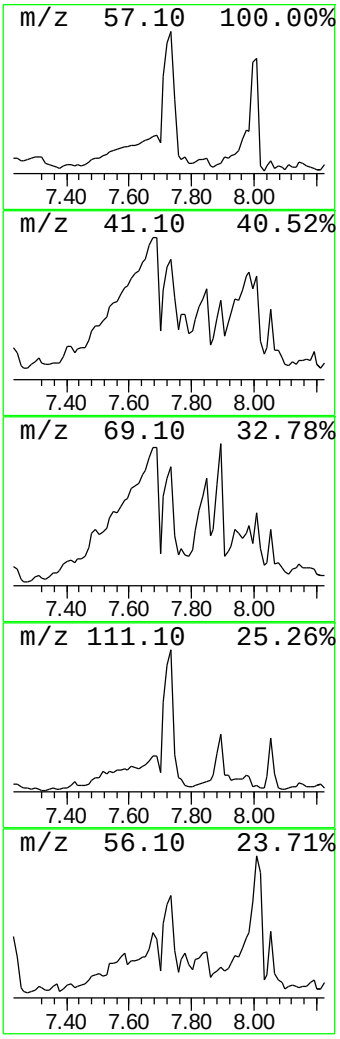
****

Peak Number 6 unknown7.73 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.73	39.12 ng	13846100	Naphthalene-d8	8.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 3,5,5-trimethyl-	144	C9H20O	003452-97-9	23
2	1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	17
3	Ethanedioic acid, dibutyl ester	202	C10H18O4	002050-60-4	10
4	2-Hexene, 5,5-dimethyl-, (Z)-	112	C8H16	039761-61-0	10
5	Butane, 1-chloro-2-methyl-	106	C5H11Cl	000616-13-7	10





Data Path : Z:\HPCHEM1\BNA F\DATA\BF010416\
Data File : BF084236.D
Acq On : 4 Jan 2016 14:00
Operator : UM/SJ
Sample : G4982-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-0536

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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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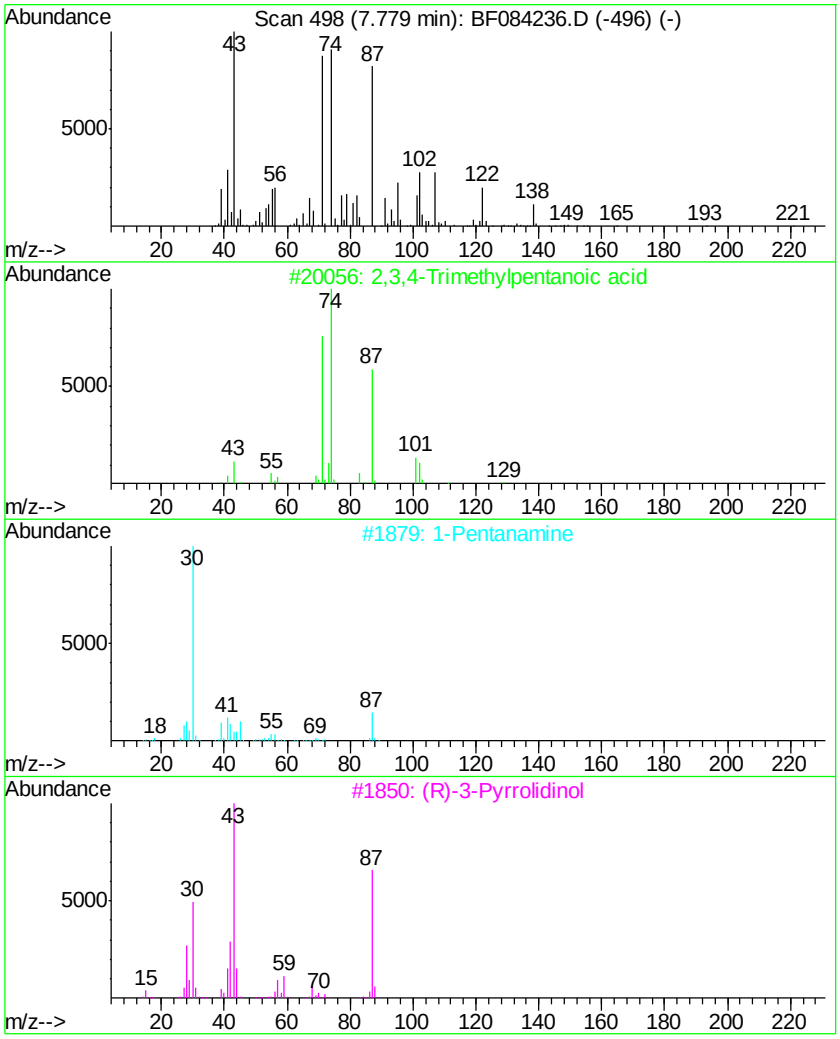
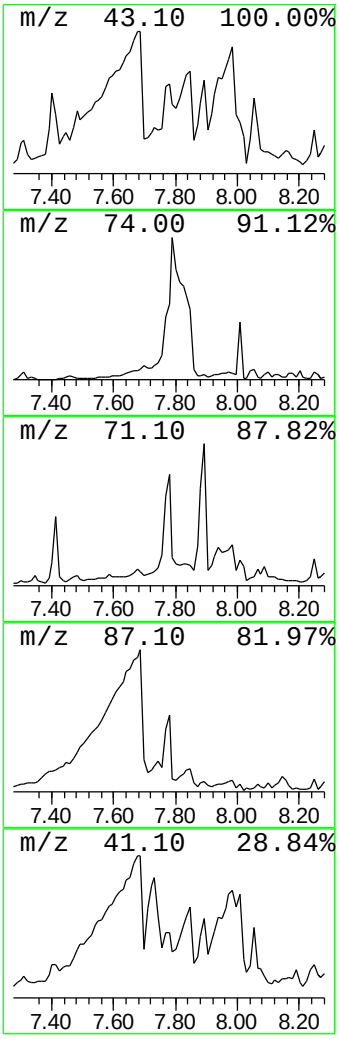
Peak Number 7 2,3,4-Trimethylpentanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.78	24.90 ng	8812060	Naphthalene-d8	8.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,4-Trimethylpentanoic acid	144	C8H16O2	090435-18-0	53
2	1-Pentanamine	87	C5H13N	000110-58-7	9
3	(R)-3-Pyrrolidinol	87	C4H9NO	002799-21-5	9
4	Propanoic acid	74	C3H6O2	000079-09-4	9
5	Pentane, 3,3-dimethyl-	100	C7H16	000562-49-2	9





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Acq On : 4 Jan 2016 14:00
Operator : UM/SJ
Sample : G4982-04
Misc :
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Instrument : BNA_F
ClientSampleId : S8-0536

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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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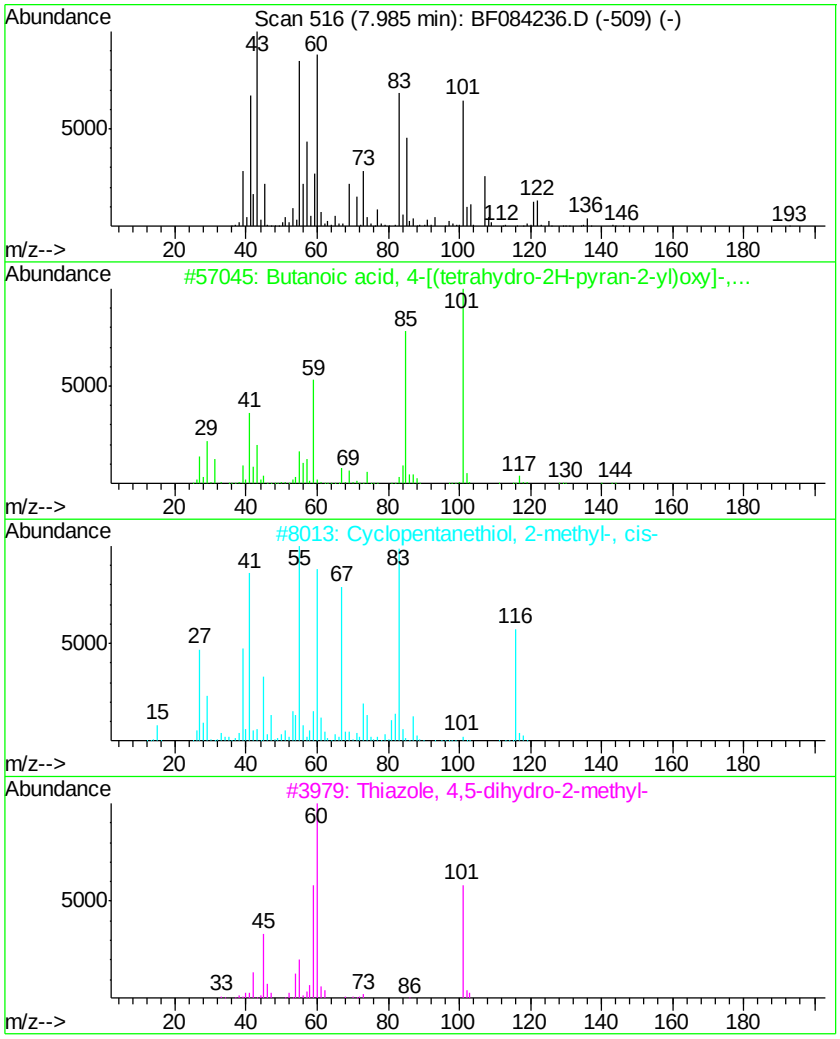
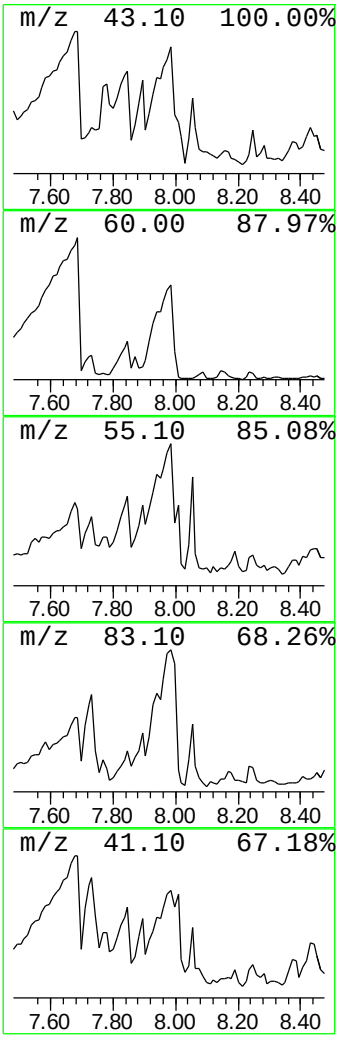
Peak Number 8 unknown7.98 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.98	85.09 ng	30117200	Naphthalene-d8	8.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 4-[(tetrahydro-2H...	202	C10H18O4	093691-87-3	22
2	Cyclopentanethiol, 2-methyl-, cis-	116	C6H12S	001638-94-4	17
3	Thiazole, 4,5-dihydro-2-methyl-	101	C4H7NS	002346-00-1	16
4	Ethanone, 1-(4,5-dihydro-2-thiaz...	129	C5H7NOS	029926-41-8	12
5	Cyclobutanecarboxylic acid, prop...	142	C8H14O2	1000280-40-0	12





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TIC Integration Parameters: LSCINT.P

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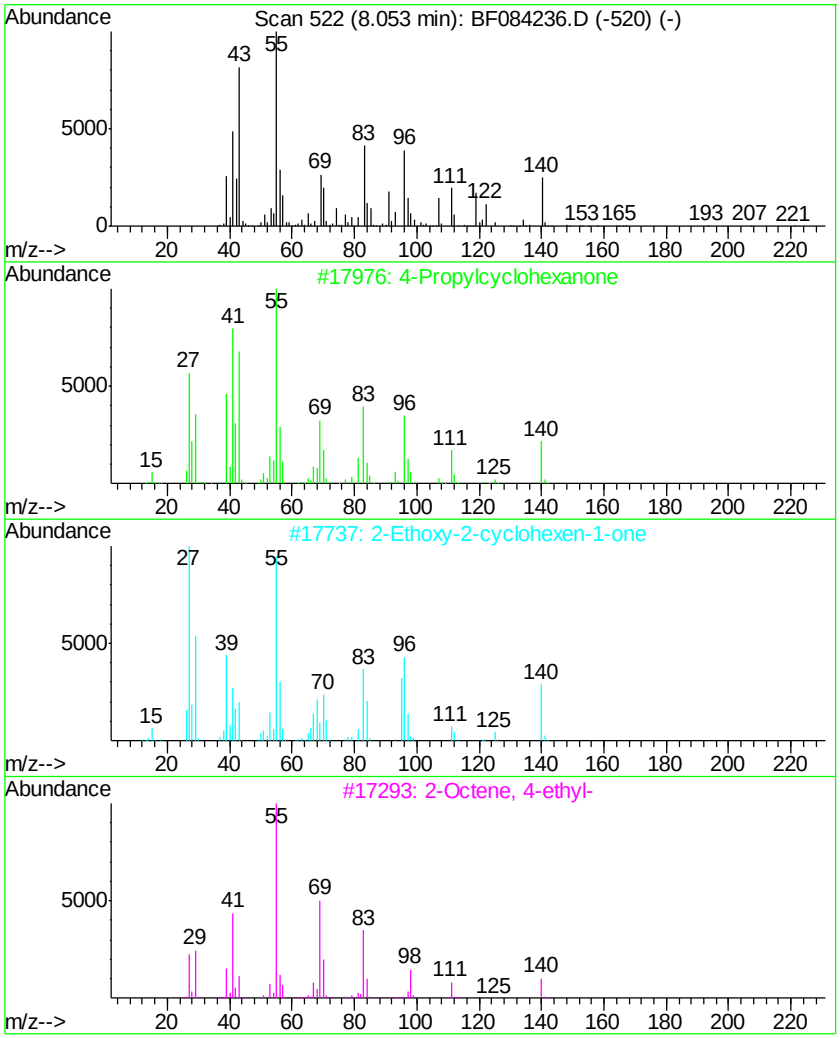
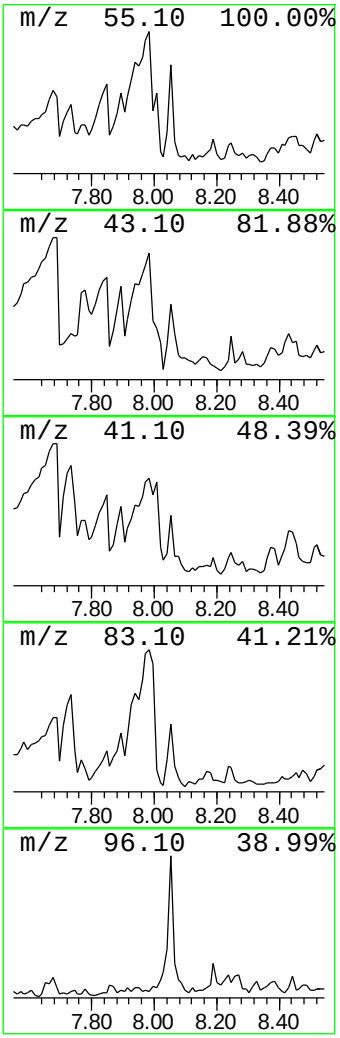
Peak Number 9 4-Propylcyclohexanone Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.05	22.14 ng	7836620	Naphthalene-d8	8.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Propylcyclohexanone	140	C9H16O	040649-36-3	81
2	2-Ethoxy-2-cyclohexen-1-one	140	C8H12O2	029941-82-0	47
3	2-Octene, 4-ethyl-	140	C10H20	053966-52-2	35
4	Cyclodecane	140	C10H20	000293-96-9	22
5	Cyclopentane, 1-methyl-3-(2-meth...	140	C10H20	029053-04-1	14





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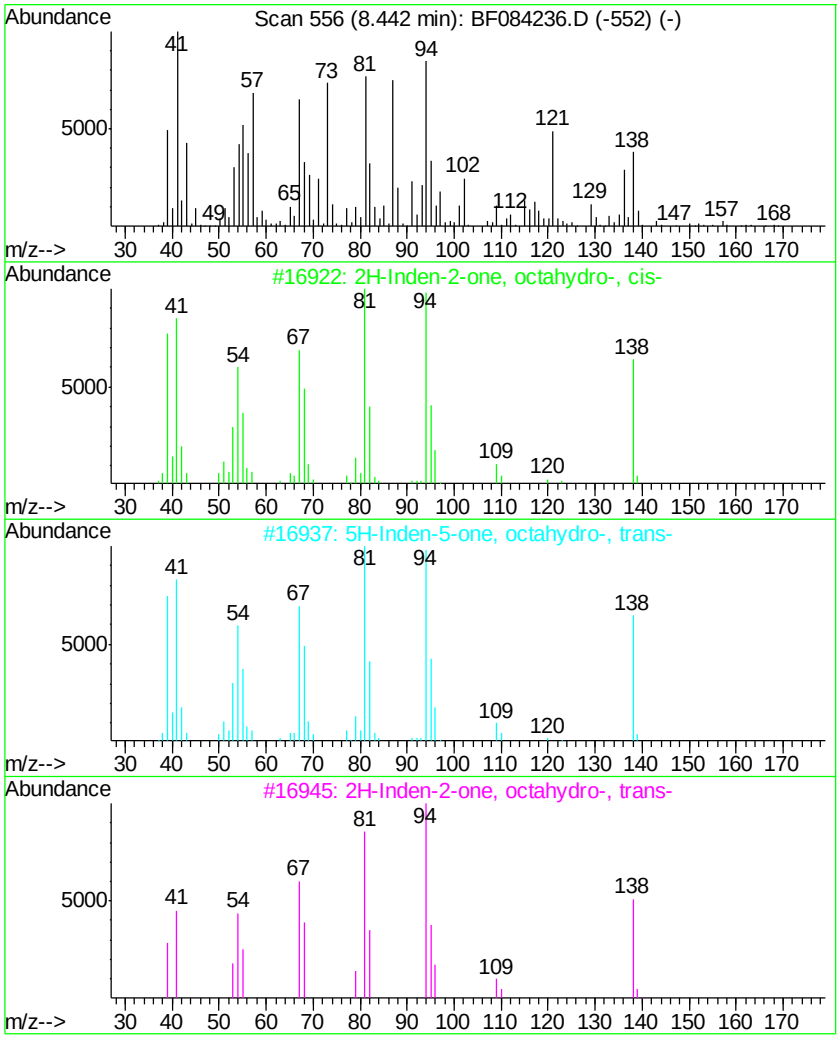
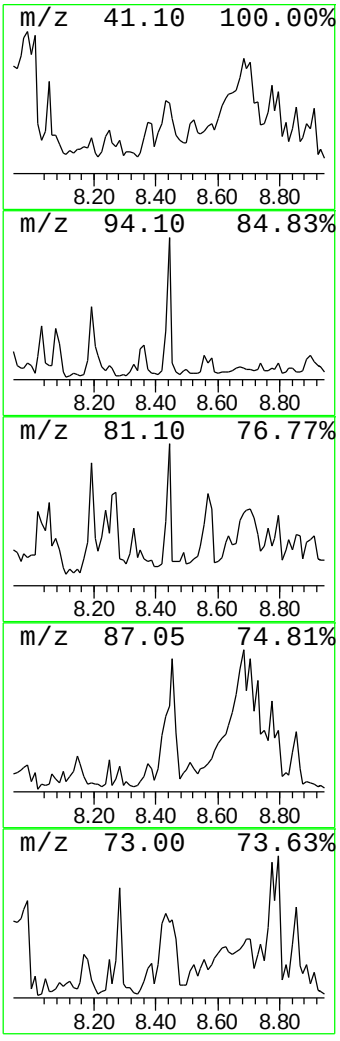
Peak Number 11 2H-Inden-2-one, octahydro-,... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.44	27.68 ng	9797100	Naphthalene-d8	8.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Inden-2-one, octahydro-, cis-	138	C9H14O	005689-04-3	90
2	5H-Inden-5-one, octahydro-, trans-	138	C9H14O	004668-81-9	90
3	2H-Inden-2-one, octahydro-, trans-	138	C9H14O	016484-17-6	78
4	2H-Inden-2-one, octahydro-	138	C9H14O	041894-93-3	49
5	3-Methyl-cis-3a,4,7,7a-tetrahydr...	136	C10H16	1000144-04-4	38





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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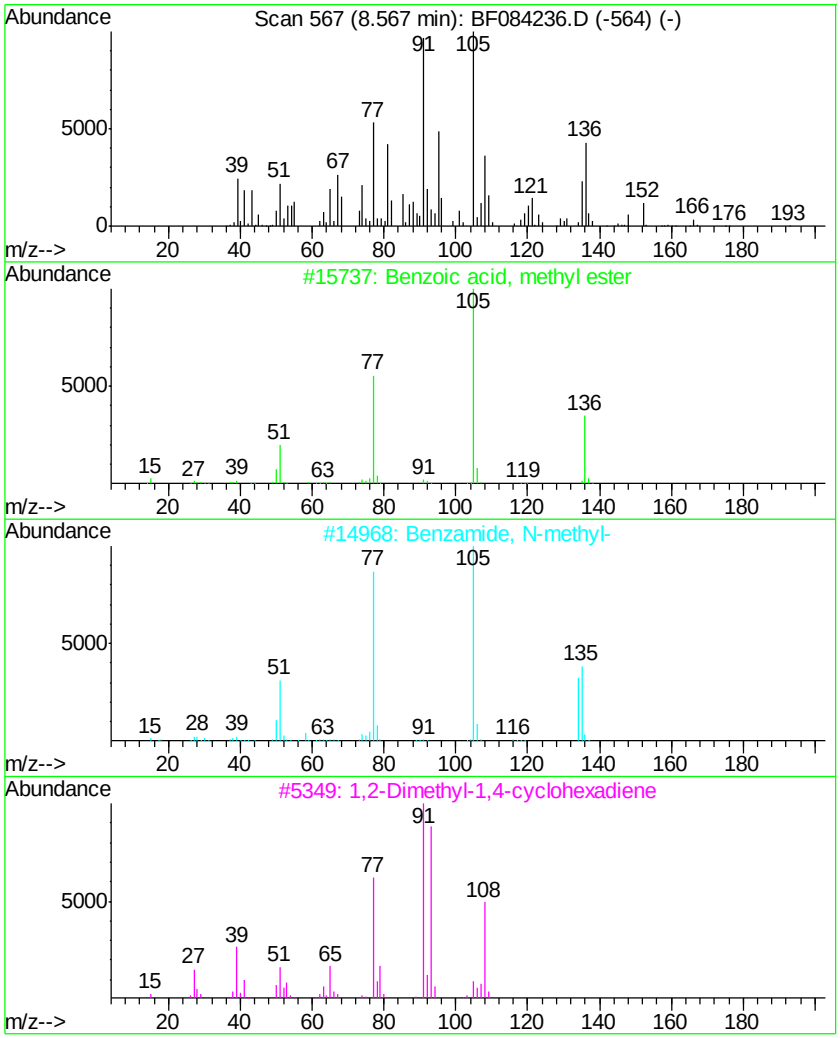
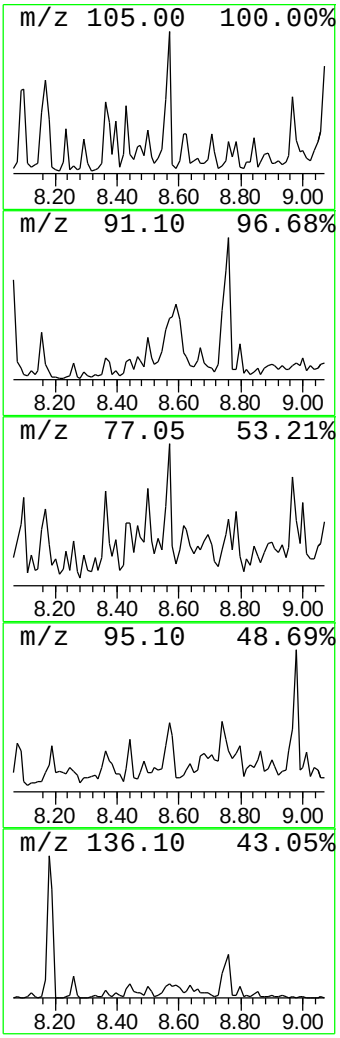
Peak Number 12 unknown8.57 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.57	20.23 ng	7159790	Naphthalene-d8	8.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, methyl ester	136	C8H8O2	000093-58-3	27
2	Benzamide, N-methyl-	135	C8H9NO	000613-93-4	18
3	1,2-Dimethyl-1,4-cyclohexadiene	108	C8H12	017351-28-9	14
4	Benzeneacetic acid	136	C8H8O2	000103-82-2	11
5	1,2-Propanedione, 1-phenyl-	148	C9H8O2	000579-07-7	11





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

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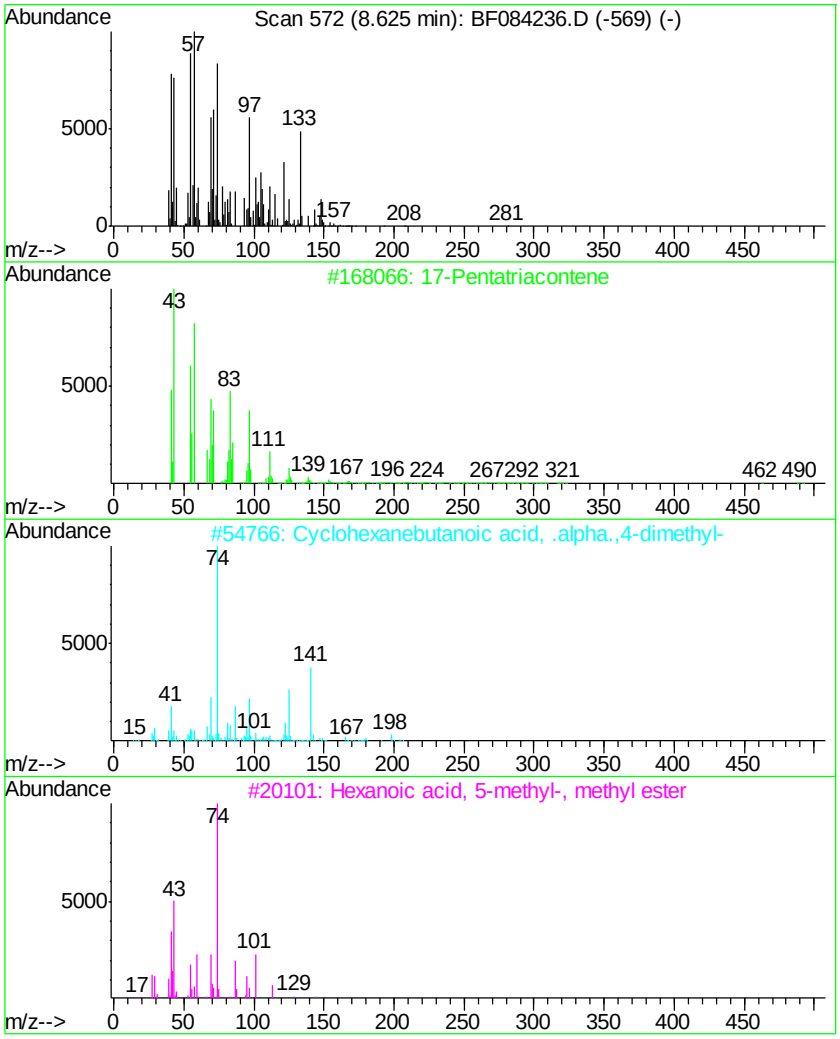
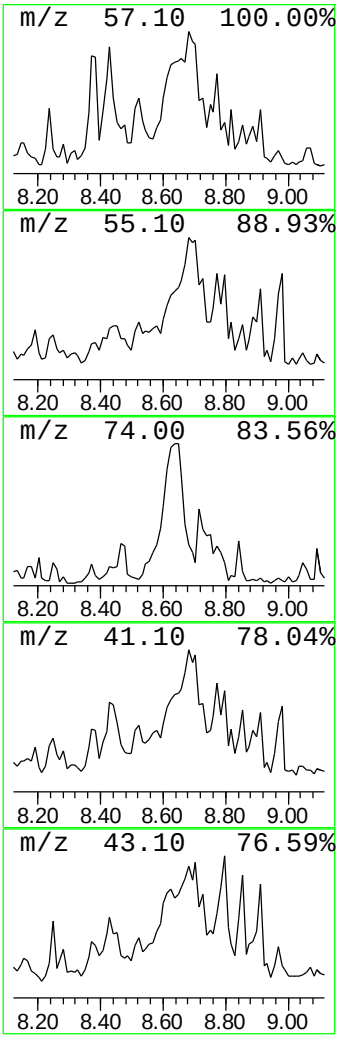
Peak Number 13 unknown8.62 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.62	32.42 ng	11474300	Naphthalene-d8	8.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	17-Pentatriacontene	491	C35H70	006971-40-0	22
2	Cyclohexanebutanoic acid, .alpha...	198	C12H22O2	054852-77-6	22
3	Hexanoic acid, 5-methyl-, methyl...	144	C8H16O2	002177-83-5	22
4	1,2,4-Triazole, 3,5-dithioxo-	133	C2H3N3S2	005650-03-3	18
5	Butanoic acid, methyl ester	102	C5H10O2	000623-42-7	16





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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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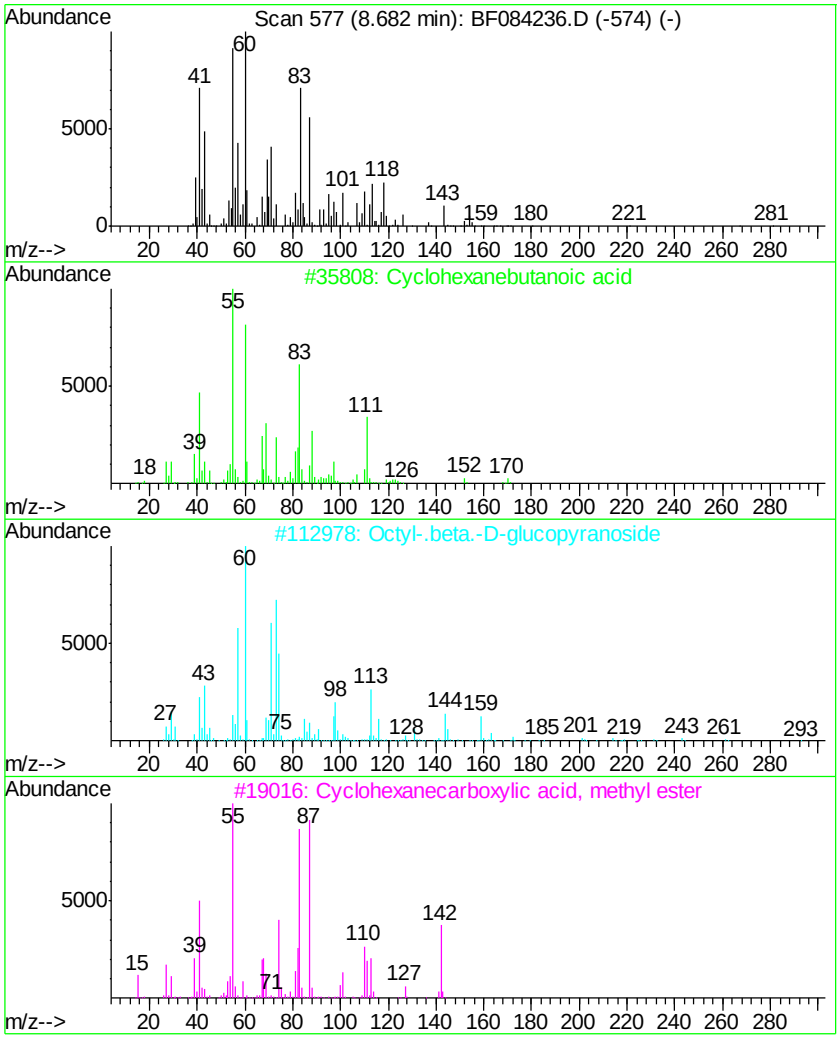
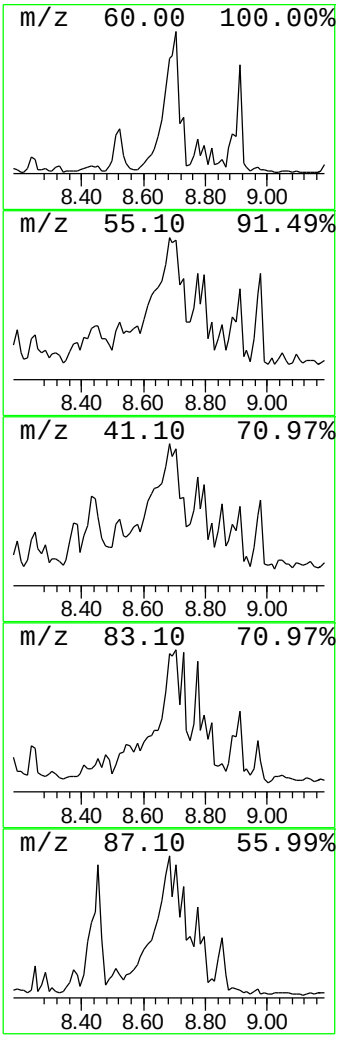
Peak Number 14 unknown8.68 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.68	65.55 ng	23202000	Naphthalene-d8	8.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanebutanoic acid	170	C10H18O2	004441-63-8	32
2	Octyl-.beta.-D-glucopyranoside	292	C14H28O6	029836-26-8	23
3	Cyclohexanecarboxylic acid, meth...	142	C8H14O2	004630-82-4	12
4	4-Chloro-2,4-dimethylhexane	148	C8H17Cl	054059-76-6	10
5	Cyclohexanecarboxaldehyde	112	C7H12O	002043-61-0	10





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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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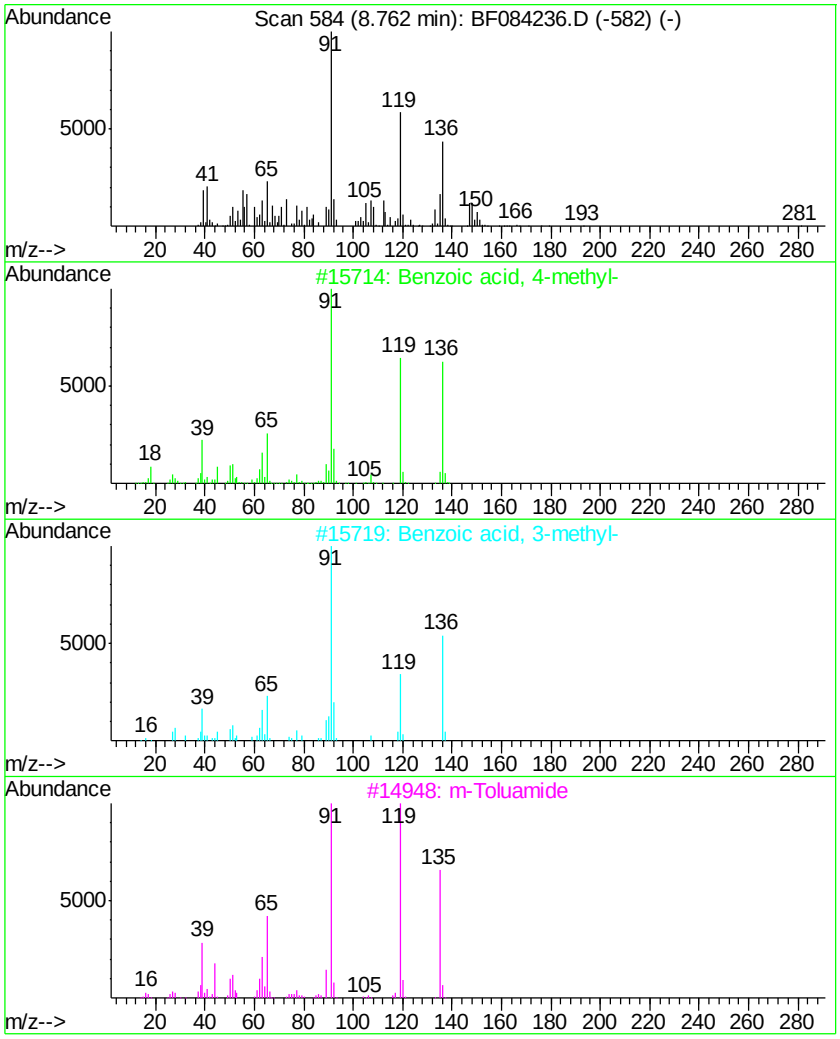
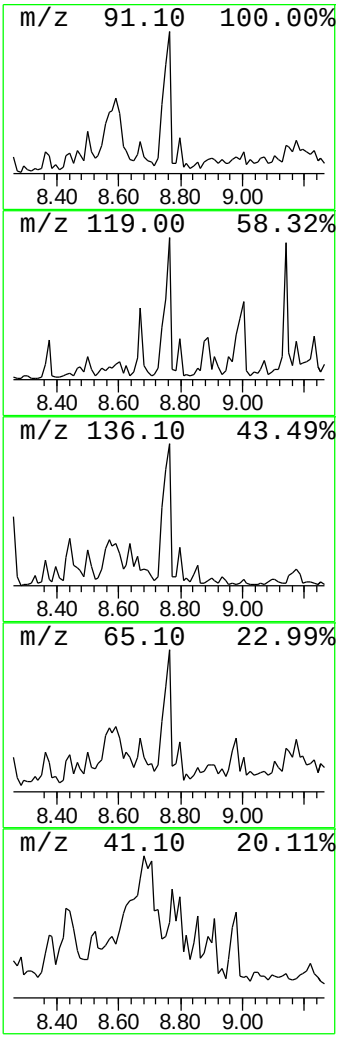
Peak Number 15 Benzoic acid, 4-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.76	27.55 ng	9752470	Naphthalene-d8	8.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 4-methyl-	136	C8H8O2	000099-94-5	95
2	Benzoic acid, 3-methyl-	136	C8H8O2	000099-04-7	55
3	m-Toluamide	135	C8H9NO	000618-47-3	46
4	Ethanone, 1-(3-methylphenyl)-	134	C9H10O	000585-74-0	42
5	Ethanone, 1-(4-methylphenyl)-	134	C9H10O	000122-00-9	42





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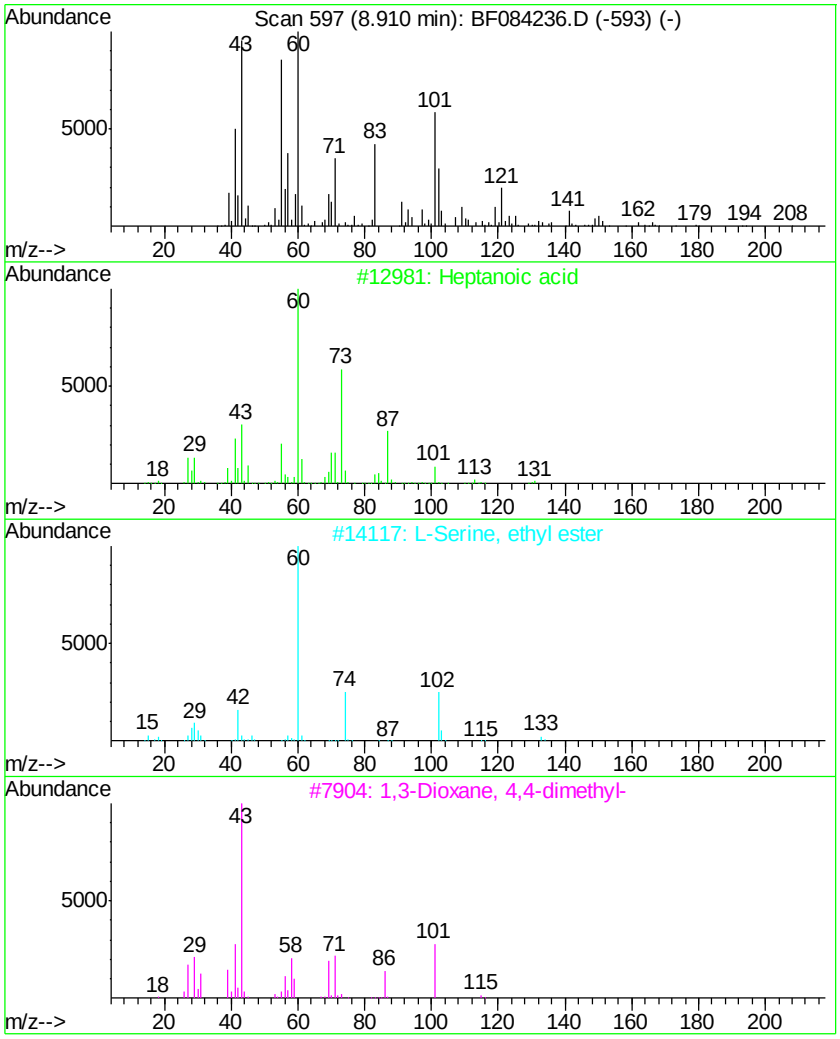
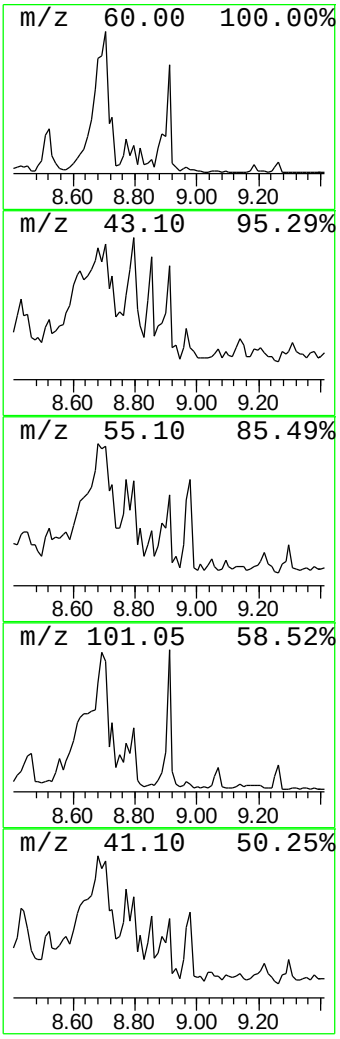
Peak Number 16 unknown8.91 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.91	19.42 ng	6875250	Naphthalene-d8	8.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptanoic acid	130	C7H14O2	000111-14-8	27
2	L-Serine, ethyl ester	133	C5H11NO3	004117-31-1	27
3	1,3-Dioxane, 4,4-dimethyl-	116	C6H12O2	000766-15-4	22
4	D-Allose	180	C6H12O6	002595-97-3	16
5	2-Methyl-1,3-oxathiolane-2-aceti...	190	C8H14O3S	033868-62-1	16





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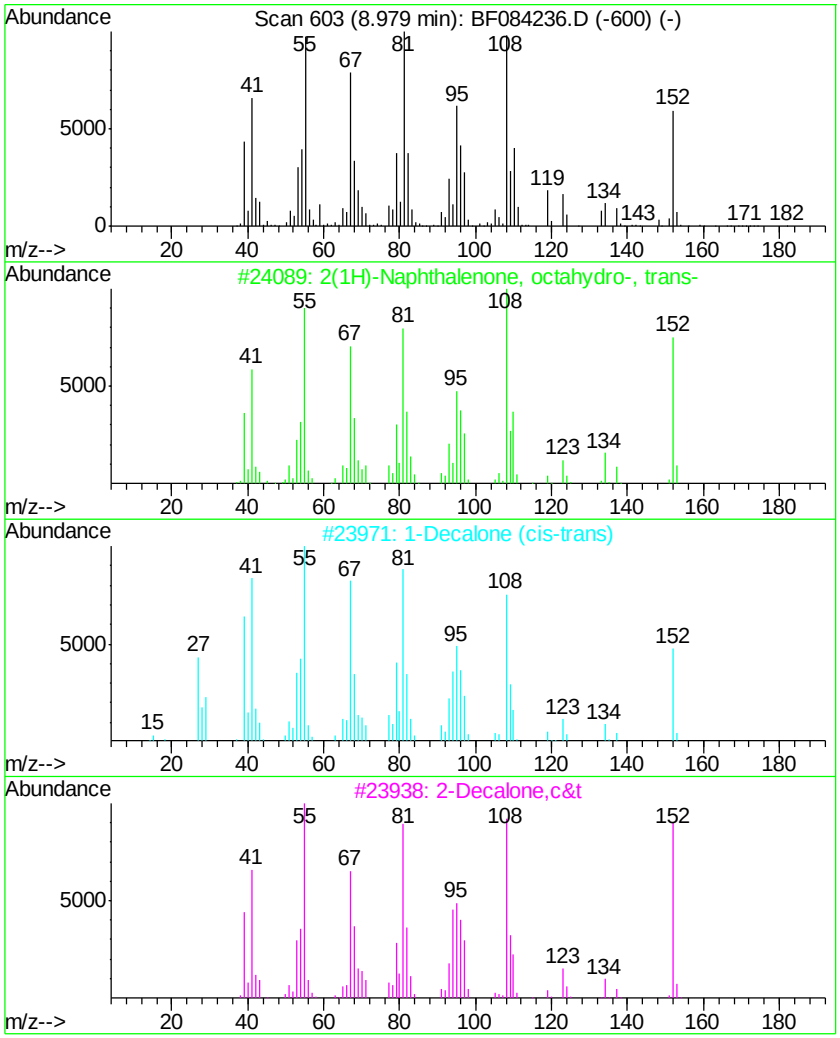
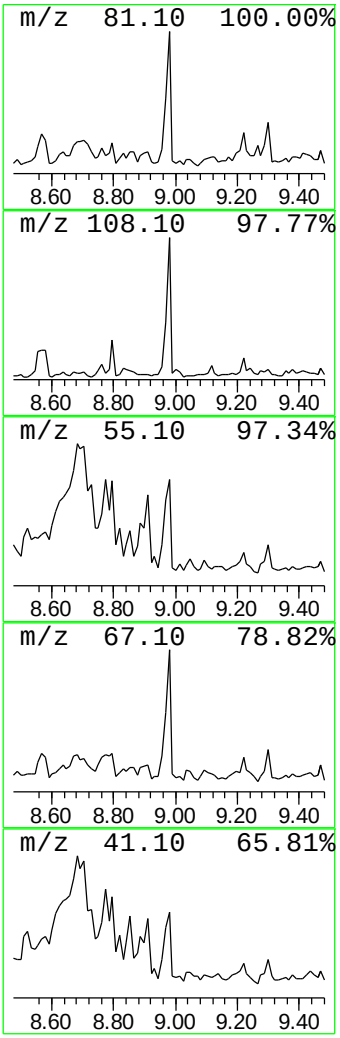
Peak Number 17 2(1H)-Naphthalenone, octahy... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.98	19.71 ng	6976570	Naphthalene-d8	8.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(1H)-Naphthalenone, octahydro-,...	152	C10H16O	016021-08-2	97
2	1-Decalone (cis-trans)	152	C10H16O	004832-16-0	94
3	2-Decalone,c&t	152	C10H16O	004832-17-1	93
4	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	91
5	Spiro[3.5]nonan-1-one, 5-methyl-...	152	C10H16O	065147-56-0	76





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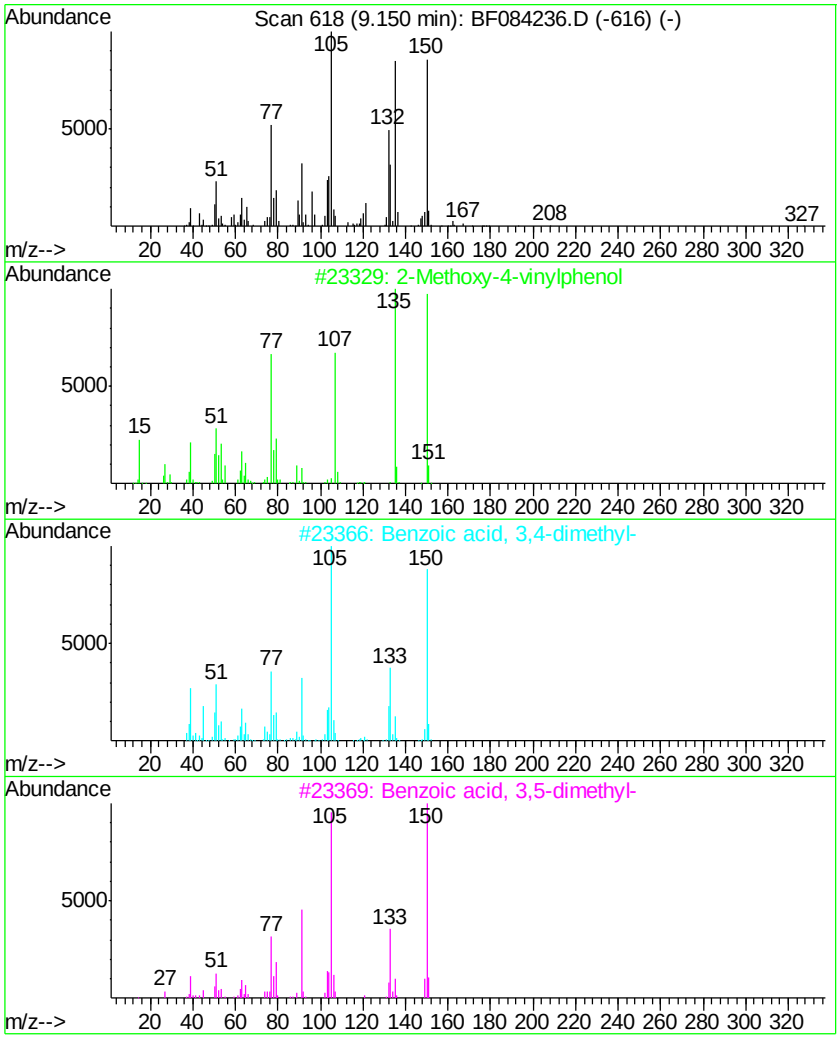
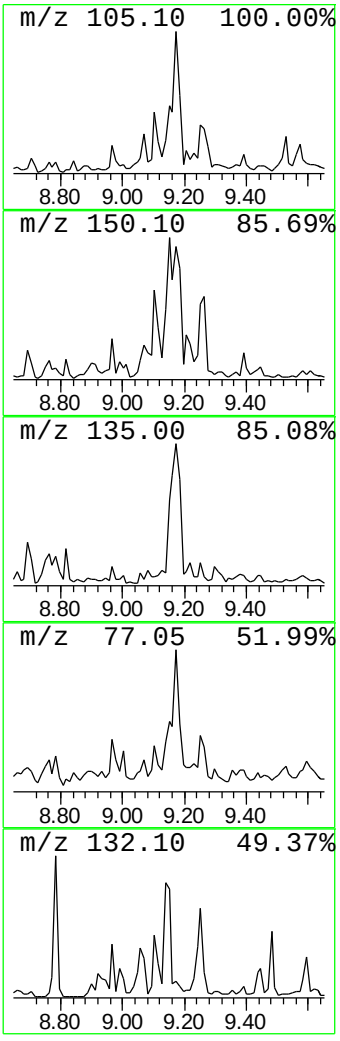
Peak Number 18 2-Methoxy-4-vinylphenol Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.15	13.66 ng	3561410	Acenaphthene-d10	9.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methoxy-4-vinylphenol	150	C9H10O2	007786-61-0	70
2	Benzoic acid, 3,4-dimethyl-	150	C9H10O2	000619-04-5	50
3	Benzoic acid, 3,5-dimethyl-	150	C9H10O2	000499-06-9	50
4	4-Hydroxy-3-methylacetophenone	150	C9H10O2	000876-02-8	49
5	4-Ethylbenzoic acid	150	C9H10O2	000619-64-7	49





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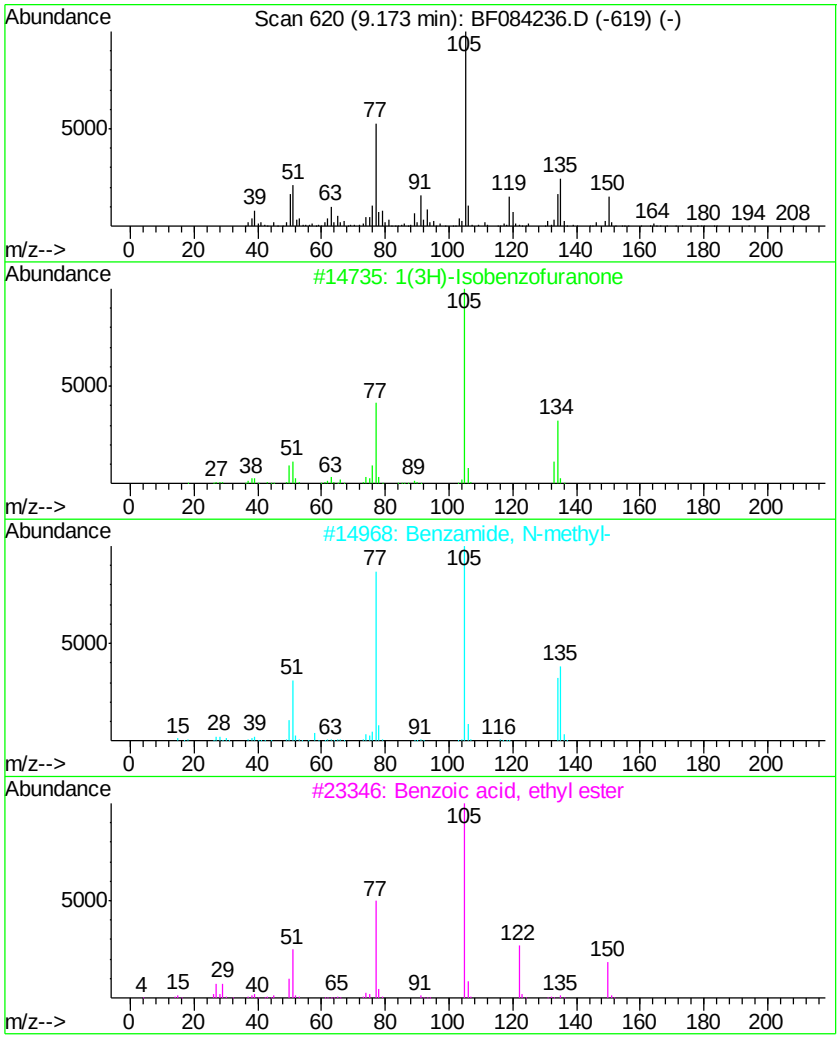
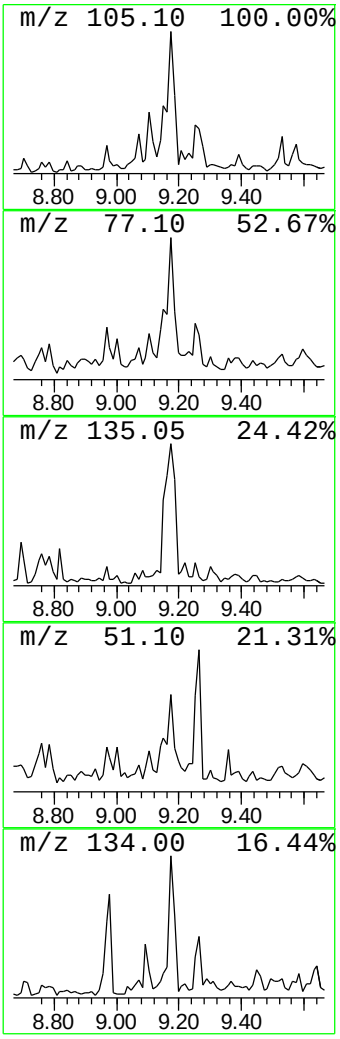
Peak Number 19 1(3H)-Isobenzofuranone Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.17	19.62 ng	5116810	Acenaphthene-d10	9.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(3H)-Isobenzofuranone	134	C8H6O2	000087-41-2	70
2	Benzamide, N-methyl-	135	C8H9NO	000613-93-4	58
3	Benzoic acid, ethyl ester	150	C9H10O2	000093-89-0	52
4	1-Propanone, 1-phenyl-	134	C9H10O	000093-55-0	52
5	1-Propanone, 3-hydroxy-1-phenyl-	150	C9H10O2	005650-41-9	52





Data Path : Z:\HPCHEM1\BNA F\DATA\BF010416\
Data File : BF084236.D
Acq On : 4 Jan 2016 14:00
Operator : UM/SJ
Sample : G4982-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-0536

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

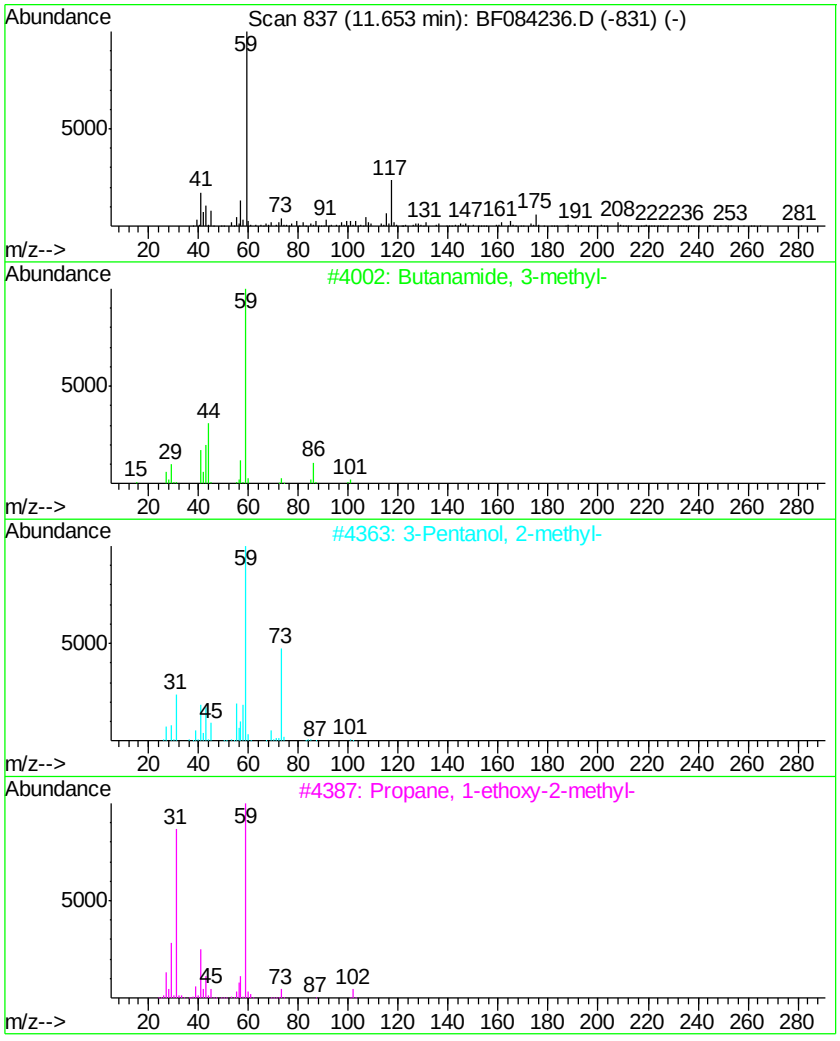
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

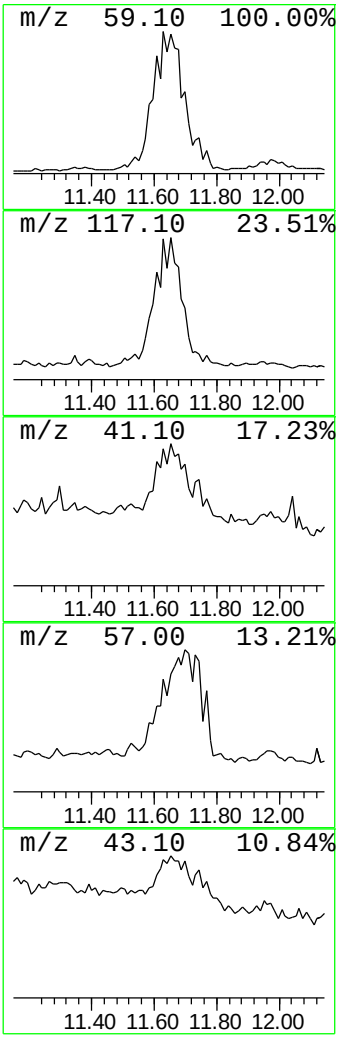
****

Peak Number 20 Butanamide, 3-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.65	22.37 ng	2998370	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanamide, 3-methyl-	101	C5H11NO	000541-46-8	53
2	3-Pentanol, 2-methyl-	102	C6H14O	000565-67-3	50
3	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	42
4	2,3-Butanediol, 2,3-dimethyl-	118	C6H14O2	000076-09-5	40
5	3-Hexanol, 4-ethyl-	130	C8H18O	019780-44-0	40





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010416\
Data File : BF084236.D
Acq On : 4 Jan 2016 14:00
Operator : UM/SJ
Sample : G4982-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-0536

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
unknown6.67	6.67	36.6	ng	9301760	1	6.89	5085790	20.0
Cyclohexene, 1-me...	7.40	18.1	ng	4602210	1	6.89	5085790	20.0
Phenol, 2,6-dimet...	7.60	81.9	ng	29003900	2	8.18	7079170	20.0
unknown7.68	7.68	79.3	ng	28063800	2	8.18	7079170	20.0
unknown7.73	7.73	39.1	ng	13846100	2	8.18	7079170	20.0
2,3,4-Trimethylpe...	7.78	24.9	ng	8812060	2	8.18	7079170	20.0
unknown7.98	7.98	85.1	ng	30117200	2	8.18	7079170	20.0
4-Propylcyclohexa...	8.05	22.1	ng	7836620	2	8.18	7079170	20.0
2H-Inden-2-one, o...	8.44	27.7	ng	9797100	2	8.18	7079170	20.0
unknown8.57	8.57	20.2	ng	7159790	2	8.18	7079170	20.0
unknown8.62	8.62	32.4	ng	11474300	2	8.18	7079170	20.0
unknown8.68	8.68	65.5	ng	23202000	2	8.18	7079170	20.0
Benzoic acid, 4-m...	8.76	27.6	ng	9752470	2	8.18	7079170	20.0
unknown8.91	8.91	19.4	ng	6875250	2	8.18	7079170	20.0
2(1H)-Naphthaleno...	8.98	19.7	ng	6976570	2	8.18	7079170	20.0
2-Methoxy-4-vinyl...	9.15	13.7	ng	3561410	3	9.94	5215780	20.0
1(3H)-Isobenzofur...	9.17	19.6	ng	5116810	3	9.94	5215780	20.0
Butanamide, 3-met...	11.65	22.4	ng	2998370	4	11.42	2680620	20.0