LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF123115\
Data File : BF084219.D
Acq On : 1 Jan 2016 2:30
Operator : UM/SJ
Sample : G4982-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-0530

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	2.155	4	6	8	rBV	749659	1205239	3.01%	0.458%
2	2.190	8	9	14	rVB	476861	670481	1.68%	0.255%
3	3.081	82	87	90	rVV3	227503	758086	1.90%	0.288%
4	3.515	116	125	127	rBV2	212930	534213	1.34%	0.203%
5	3.653	132	137	141	rVB	376008	709269	1.77%	0.270%
6	4.361	198	199	204	rVB2	362439	778699	1.95%	0.296%
7	4.464	204	208	210	rBV	689879	945112	2.36%	0.359%
8	4.990	251	254	256	rBV	917972	1214226	3.04%	0.462%
9	5.081	261	262	264	rVV2	1099920	1629800	4.08%	0.620%
10	5.116	264	265	266	rVV	972314	675372	1.69%	0.257%
11	5.150	266	268	272	rVB3	623774	1434509	3.59%	0.545%
12	5.367	285	287	289	rBV2	1281892	1509091	3.77%	0.574%
13	5.504	294	299	302	rVB2	4024753	5313513	13.29%	2.020%
14	5.641	307	311	312	rBV3	420564	909492	2.27%	0.346%
15	5.664	312	313	318	rVB5	324653	774389	1.94%	0.294%
16	5.767	318	322	324	rBV2	768677	1558030	3.90%	0.592%
17	5.813	324	326	328	rBV	1747528	1674885	4.19%	0.637%
18	5.916	332	335	337	rBV2	1021705	1776946	4.44%	0.676%
19	5.961	337	339	341	rVB	1736326	1670376	4.18%	0.635%
20	6.030	343	345	347	rBV2	2275768	2780944	6.95%	1.057%
21	6.064	347	348	350	rVB	2140610	1797363	4.49%	0.683%
22	6.110	350	352	354	rVB	2468434	2191285	5.48%	0.833%
23	6.144	354	355	359	rVB3	395891	857085	2.14%	0.326%
24	6.224	359	362	366	rBV5	662785	1698494	4.25%	0.646%
25	6.281	366	367	369	rBV2	833332	1184986	2.96%	0.451%
26	6.316	369	370	373	rVB3	948367	1182476	2.96%	0.450%
27	6.453	378	382	385	rVB2	3528064	4148011	10.37%	1.577%
28	6.556	388	391	393	rBV2	2233960	3234048	8.09%	1.230%
29	6.613	393	396	399	rVB2	1351111	2161343	5.41%	0.822%
30	6.681	399	402	404	rBV	5667151	7744230	19.37%	2.945%
31	6.750	404	408	409	rBV3	556320	989251	2.47%	0.376%
32	6.784	409	411	416	rVB3	494255	737245	1.84%	0.280%
33	6.899	419	421	426	rBV5	2052116	4757091	11.90%	1.809%
34	6.979	426	428	432	rVB	2004162	2242502	5.61%	0.853%

LSC Area Percent Report

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Sample : G4982-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-0530

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	7.059	432	435	437	rBV	6049052	6777488	16.95%	2.577%
36	7.116	437	440	442	rBV4	345768	899480	2.25%	0.342%
37	7.150	442	443	445	rBV2	680015	735887	1.84%	0.280%
38	7.207	445	448	450	rVB3	799207	1474069	3.69%	0.560%
39	7.344	454	460	464	rBV2	15797745	39987325	100.00%	15.205%
40	7.413	464	466	468	rBV	771835	1119906	2.80%	0.426%
41	7.470	468	471	473	rBV2	7235537	10858033	27.15%	4.129%
42	7.516	473	475	476	rVV2	488955	850891	2.13%	0.324%
43	7.550	476	478	479	rVV2	956357	1610825	4.03%	0.612%
44	7.584	479	481	483	rVB	1671332	2044946	5.11%	0.778%
45	7.664	486	488	491	rVB4	359300	697453	1.74%	0.265%
46	7.779	491	498	499	rBV	5700096	8912752	22.29%	3.389%
47	7.870	504	506	507	rVV2	417232	733948	1.84%	0.279%
48	7.893	507	508	509	rVV	818799	773971	1.94%	0.294%
49	7.962	509	514	515	rVV5	930529	2567050	6.42%	0.976%
50	8.019	515	519	521	rVV2	7926788	12957475	32.40%	4.927%
51	8.064	521	523	525	rVV	2113744	2338573	5.85%	0.889%
52	8.099	525	526	528	rVV2	681475	840755	2.10%	0.320%
53	8.190	528	534	537	rVV4	2577239	7280535	18.21%	2.768%
54	8.247	537	539	543	rVV3	393724	824673	2.06%	0.314%
55	8.316	543	545	547	rVB2	494347	651464	1.63%	0.248%
56	8.373	547	550	553	rBV3	568101	1164513	2.91%	0.443%
57	8.453	555	557	558	rVV	2437267	2383356	5.96%	0.906%
58	8.487	558	560	562	rVV3	2174886	3414683	8.54%	1.298%
59	8.533	562	564	565	rVV2	375609	636368	1.59%	0.242%
60	8.567	565	567	570	rVV2	1664062	2465010	6.16%	0.937%
61	8.636	570	573	579	rVV3	1669475	4314066	10.79%	1.640%
62	8.750	582	583	584	rVV	713163	772514	1.93%	0.294%
63	8.773	584	585	588	rVB2	801356	1106888	2.77%	0.421%
64	8.899	594	596	598	rVV	729555	917095	2.29%	0.349%
65	9.025	603	607	608	rVV2	939609	1667610	4.17%	0.634%
66	9.070	608	611	613	rVV3	2747097	6529812	16.33%	2.483%
67	9.105	613	614	617	rVV2	2932882	2925562	7.32%	1.112%
68	9.185	617	621	622	rVV	2540011	3209303	8.03%	1.220%
69	9.207	622	623	626	rVV2	1122121	1745328	4.36%	0.664%
70	9.276	626	629	630	rVV2	8686287	11926448	29.83%	4.535%
71	9.299	630	631	633	rVV2	994032	825419	2.06%	0.314%

LSC Area Percent Report

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Operator : UM/SJ
Sample : G4982-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-0530

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	9.379	634	638	641	rVB	3189040	3768850	9.43%	1.433%
73	9.493	646	648	649	rBV2	616526	682626	1.71%	0.260%
74	9.607	655	658	661	rBV3	2800745	5584460	13.97%	2.123%
75	9.653	661	662	665	rVV2	1550312	1845126	4.61%	0.702%
76	9.710	665	667	668	rVV	2423994	2045866	5.12%	0.778%
77	9.745	668	670	672	rVB2	708300	779450	1.95%	0.296%
78	9.802	672	675	676	rBV2	454323	602977	1.51%	0.229%
79	9.825	676	677	679	rVB2	678609	565924	1.42%	0.215%
80	9.859	679	680	681	rBV	918051	643406	1.61%	0.245%
81	9.950	685	688	689	rVB2	3446476	4000744	10.01%	1.521%
82	10.019	692	694	697	rBV3	568858	751432	1.88%	0.286%
83	10.076	697	699	701	rBV3	805150	1528866	3.82%	0.581%
84	10.110	701	702	705	rVV2	1280224	1623823	4.06%	0.617%
85	10.385	724	726	728	rVB3	466703	633475	1.58%	0.241%
86	10.579	739	743	746	rVB5	758603	1695756	4.24%	0.645%
87	10.670	747	751	752	rVV4	225154	556816	1.39%	0.212%
88	10.739	754	757	759	rVB	3823642	5042594	12.61%	1.917%
89	10.853	766	767	772	rVB	434354	579586	1.45%	0.220%
90	11.048	783	784	786	rVV2	570665	741447	1.85%	0.282%
91	11.425	815	817	820	rVB	2262095	2158200	5.40%	0.821%
92	11.596	831	832	834	rVV	782771	751310	1.88%	0.286%
93	13.014	954	956	958	rBV	5029213	4497753	11.25%	1.710%
94	13.905	1032	1034	1036	rVV2	379546	581345	1.45%	0.221%
95	13.939	1036	1037	1039	rVB	797143	577868	1.45%	0.220%
96	14.065	1045	1048	1050	rBV	1259640	1496767	3.74%	0.569%
97	15.505	1171	1174	1177	rBV	896645	1181927	2.96%	0.449%
98	16.145	1227	1230	1237	rVB	426432	926859	2.32%	0.352%
99	17.220	1319	1324	1339	rVB	639986	1685144	4.21%	0.641%
100	18.660	1445	1450	1464	rVB	304540	1075262	2.69%	0.409%

Sum of corrected areas: 262995215

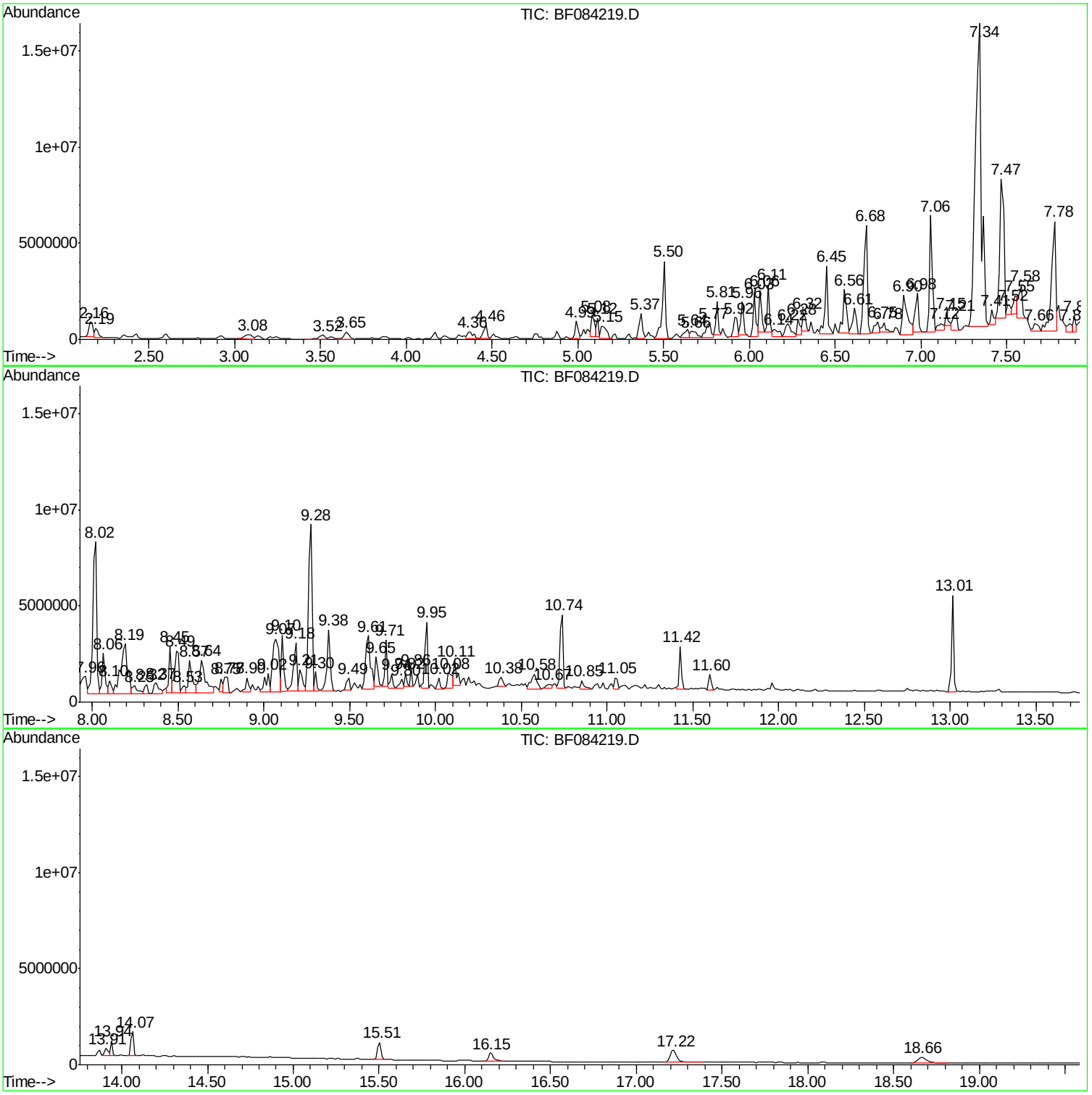
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF123115\
Data File : BF084219.D
Acq On : 1 Jan 2016 2:30
Operator : UM/SJ
Sample : G4982-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-0530

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\
Data File : BF084219.D
Acq On : 1 Jan 2016 2:30
Operator : UM/SJ
Sample : G4982-03
Misc :
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Instrument : BNA_F
ClientSampleId : S8-0530

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

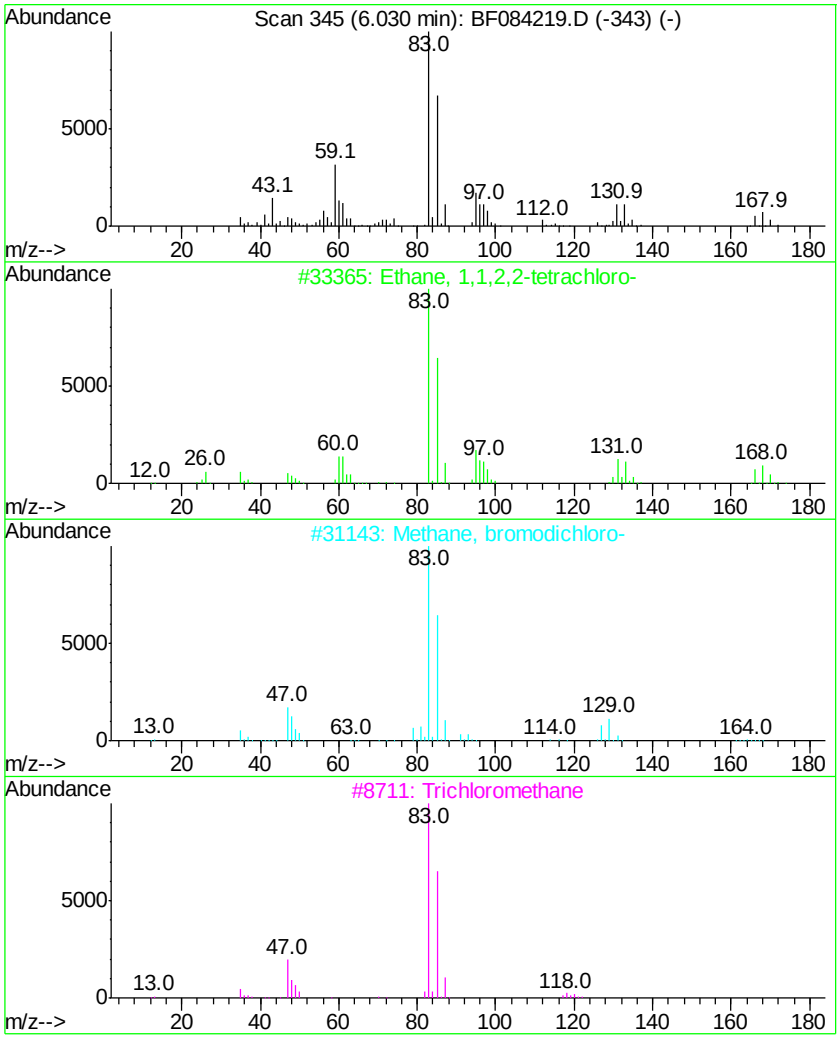
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

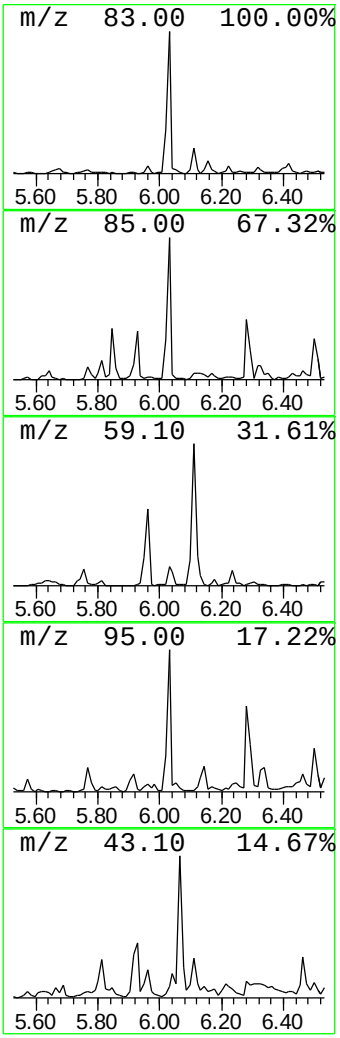
****

Peak Number 1 Ethane, 1,1,2,2-tetrachloro- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.03	11.69 ng	2780940	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethane, 1,1,2,2-tetrachloro-	166	C2H2Cl4	000079-34-5	98
2	Methane, bromodichloro-	162	CHBrCl2	000075-27-4	50
3	Trichloromethane	118	CHCl3	000067-66-3	50
4	Ethane, 1,1,2-trichloro-2-fluoro-	150	C2H2Cl3F	000359-28-4	50
5	Ethane, 2,2-dichloro-1,1,1-trifl...	152	C2HCl2F3	000306-83-2	40





Data Path : Z:\HPCHEM1\BNA F\DATA\BF123115\
Data File : BF084219.D
Acq On : 1 Jan 2016 2:30
Operator : UM/SJ
Sample : G4982-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-0530

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

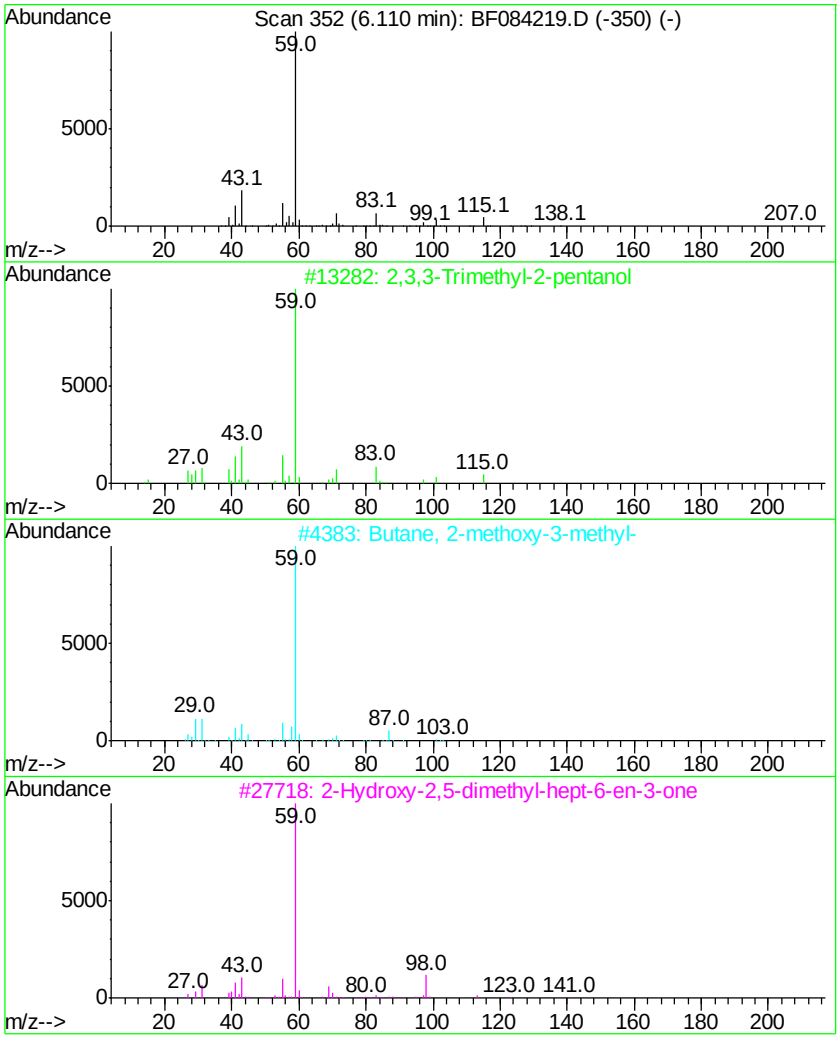
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

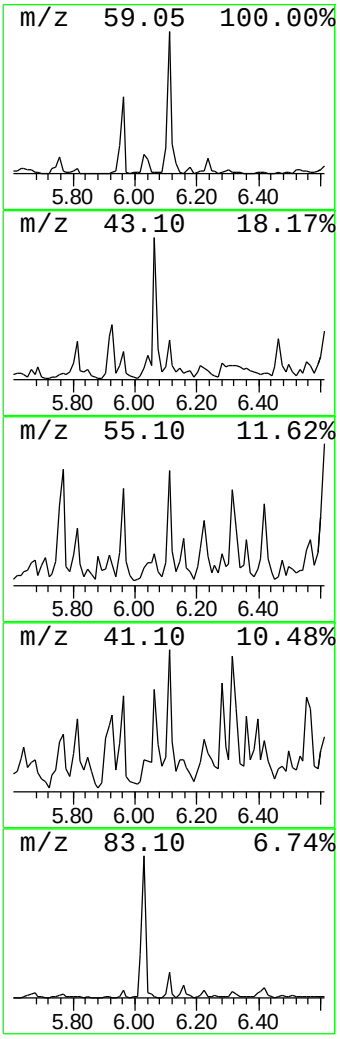
****

Peak Number 2 2,3,3-Trimethyl-2-pentanol Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.11	9.21 ng	2191290	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,3-Trimethyl-2-pentanol	130	C8H18O	023171-85-9	74
2	Butane, 2-methoxy-3-methyl-	102	C6H14O	062016-49-3	45
3	2-Hydroxy-2,5-dimethyl-hept-6-en...	156	C9H16O2	1000192-55-8	45
4	1-Butanol, 3-methoxy-	104	C5H12O2	002517-43-3	39
5	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	39





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

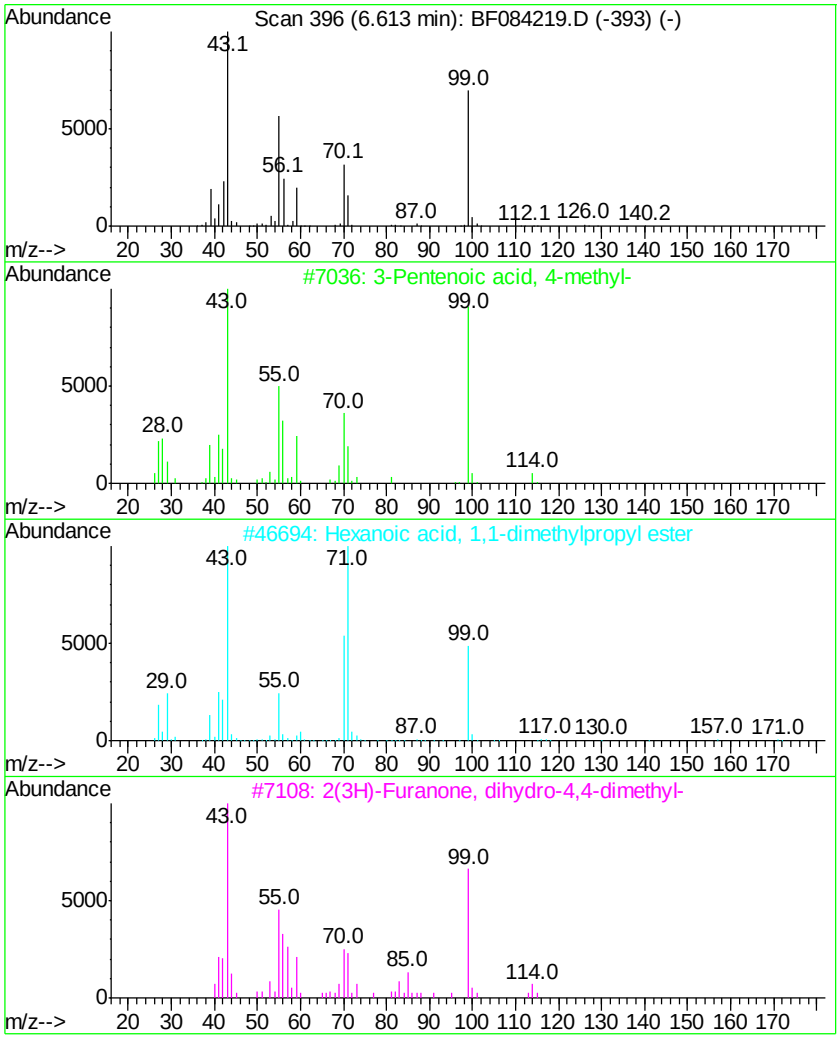
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

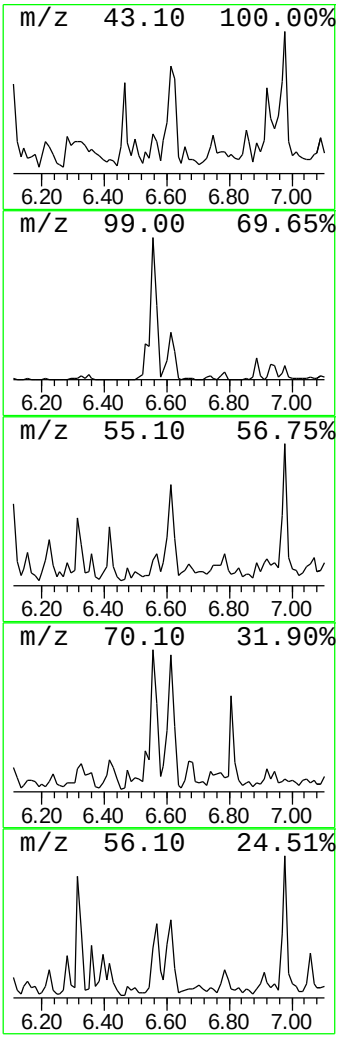
****

Peak Number 3 3-Pentenoic acid, 4-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.61	9.09 ng	2161340	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentenoic acid, 4-methyl-	114	C6H10O2	000504-85-8	72
2	Hexanoic acid, 1,1-dimethylpropy...	186	C11H22O2	116423-69-9	50
3	2(3H)-Furanone, dihydro-4,4-dime...	114	C6H10O2	013861-97-7	50
4	Hexanoyl chloride	134	C6H11ClO	000142-61-0	40
5	Hexanoic acid, 1-methylethyl ester	158	C9H18O2	002311-46-8	40





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ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-0530

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

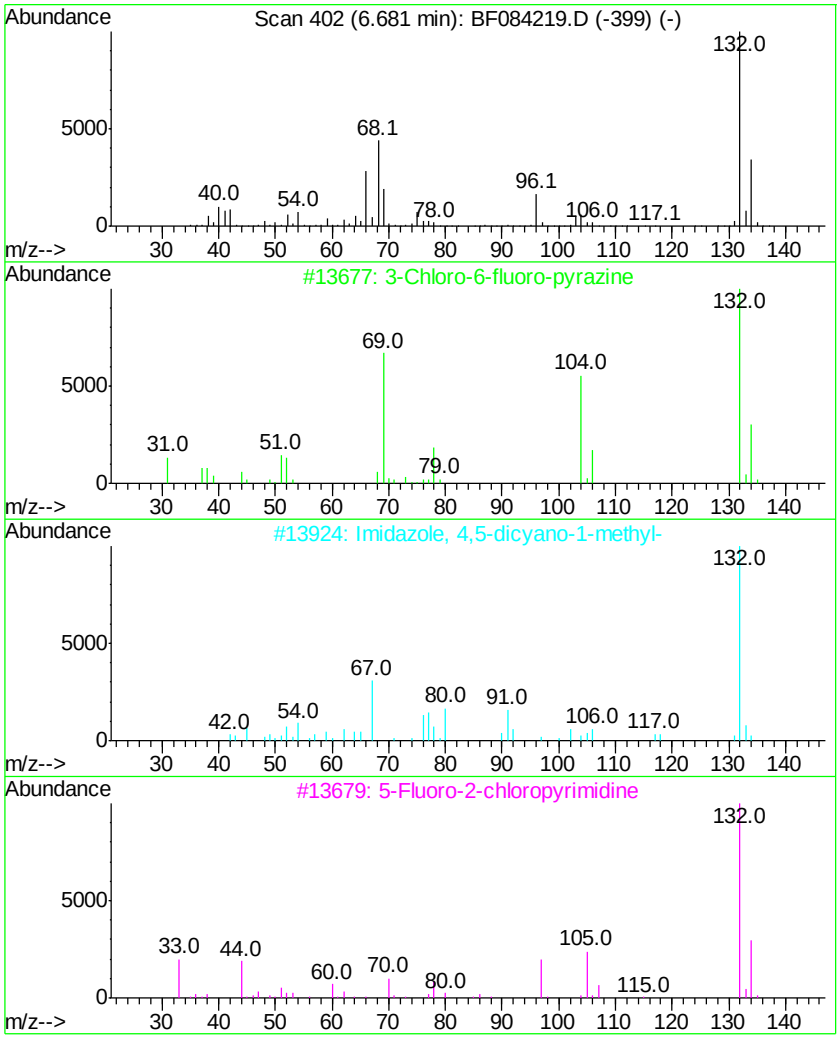
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

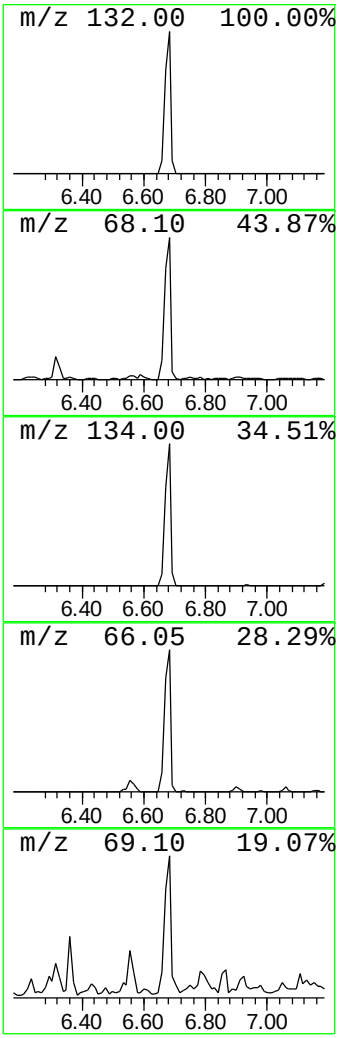
****

Peak Number 4 unknown6.68 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.68	32.56 ng	7744230	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	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	22
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF123115\
Data File : BF084219.D
Acq On : 1 Jan 2016 2:30
Operator : UM/SJ
Sample : G4982-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-0530

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

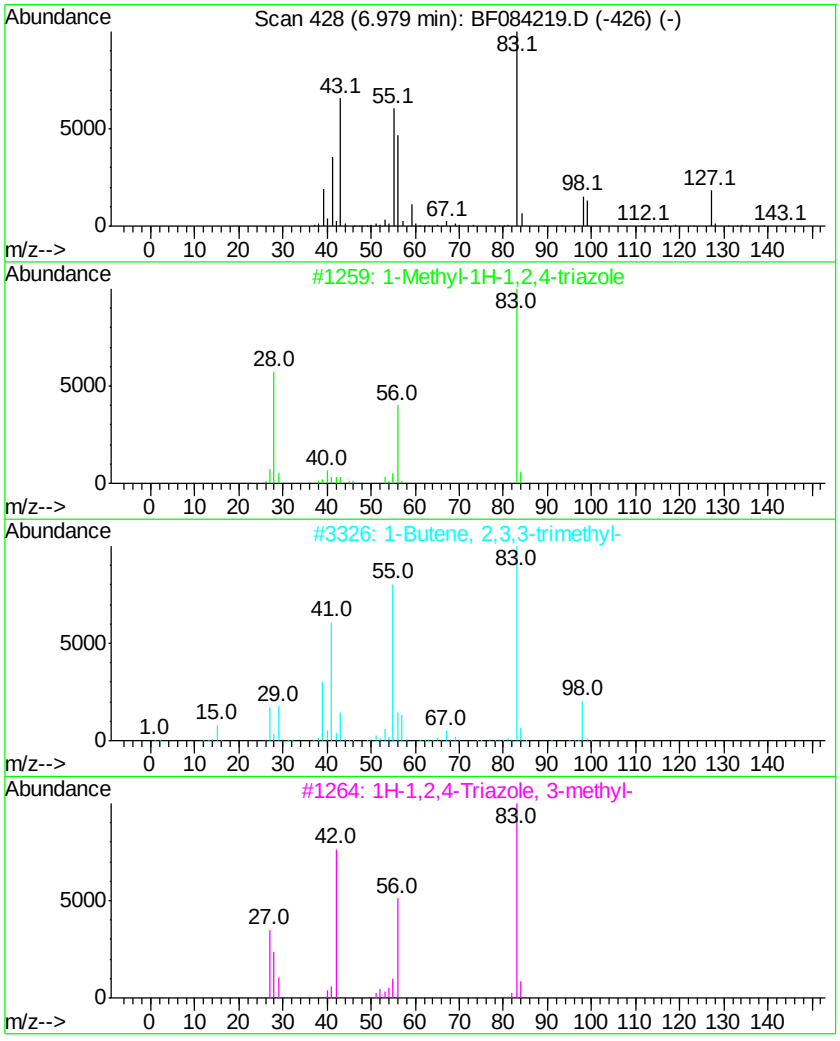
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

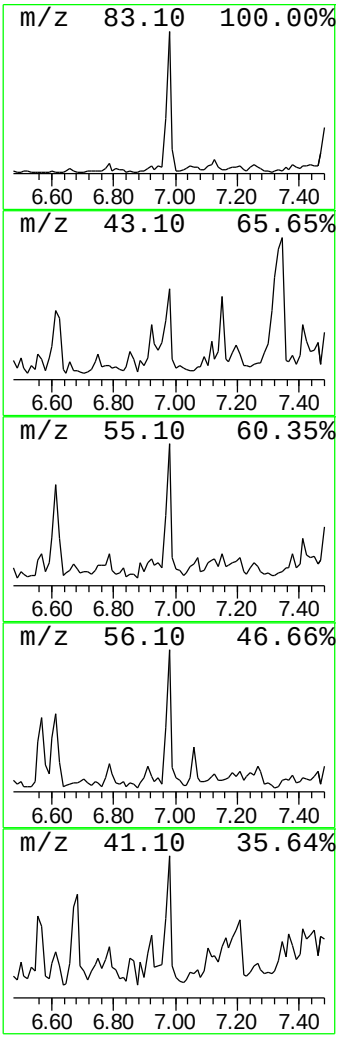
****

Peak Number 5 1-Methyl-1H-1,2,4-triazole Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.98	9.43 ng	2242500	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methyl-1H-1,2,4-triazole	83	C3H5N3	006086-21-1	53
2	1-Butene, 2,3,3-trimethyl-	98	C7H14	000594-56-9	50
3	1H-1,2,4-Triazole, 3-methyl-	83	C3H5N3	007170-01-6	42
4	Cyclohexanecarboxylic acid isopr...	170	C10H18O2	006553-80-6	33
5	2-Pentene, 4,4-dimethyl-, (E)-	98	C7H14	000690-08-4	30





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Sample : G4982-03
Misc :
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ClientSampleId : S8-0530

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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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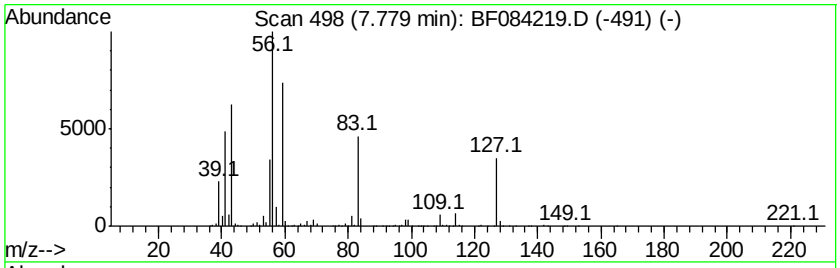
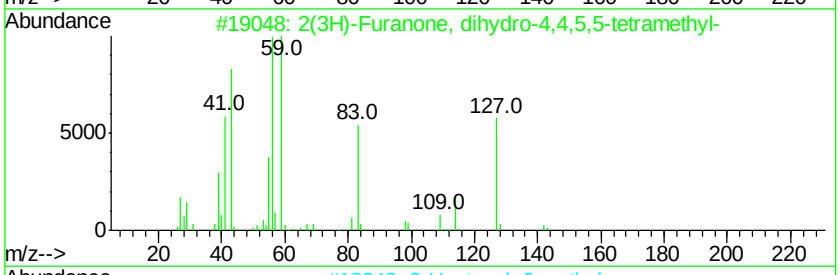
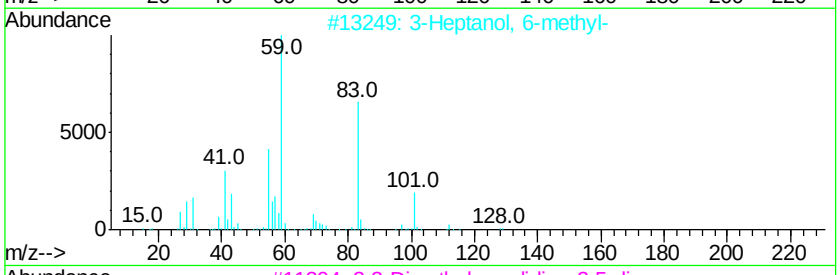
Peak Number 7 2(3H)-Furanone, dihydro-4,4... Concentration Rank 7

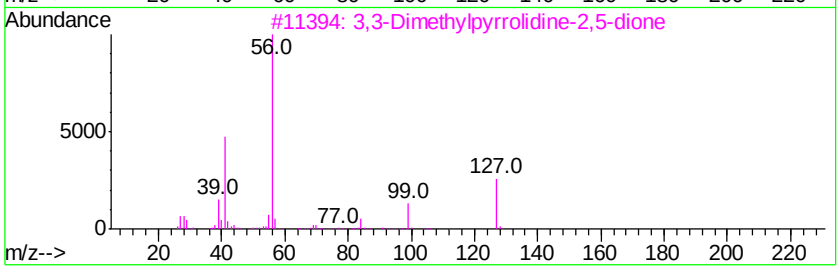
R.T.	EstConc	Area	Relative to ISTD	R.T.
7.78	24.48 ng	8912750	Naphthalene-d8	8.19

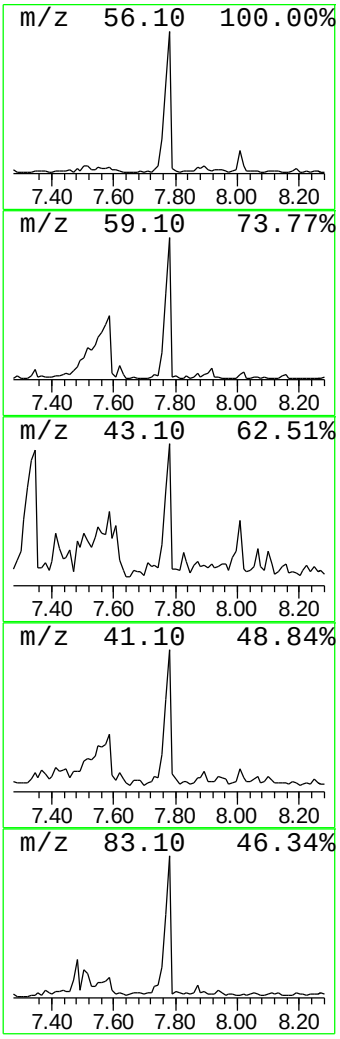
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(3H)-Furanone, dihydro-4,4,5,5-...	142	C8H14O2	016466-24-3	64
2	3-Heptanol, 6-methyl-	130	C8H18O	018720-66-6	37
3	3,3-Dimethylpyrrolidine-2,5-dione	127	C6H9NO2	003437-29-4	35
4	2,2,5,5-Tetramethyltetrahydro-3-...	142	C8H14O2	005455-94-7	33
5	3-Octanol	130	C8H18O	000589-98-0	25











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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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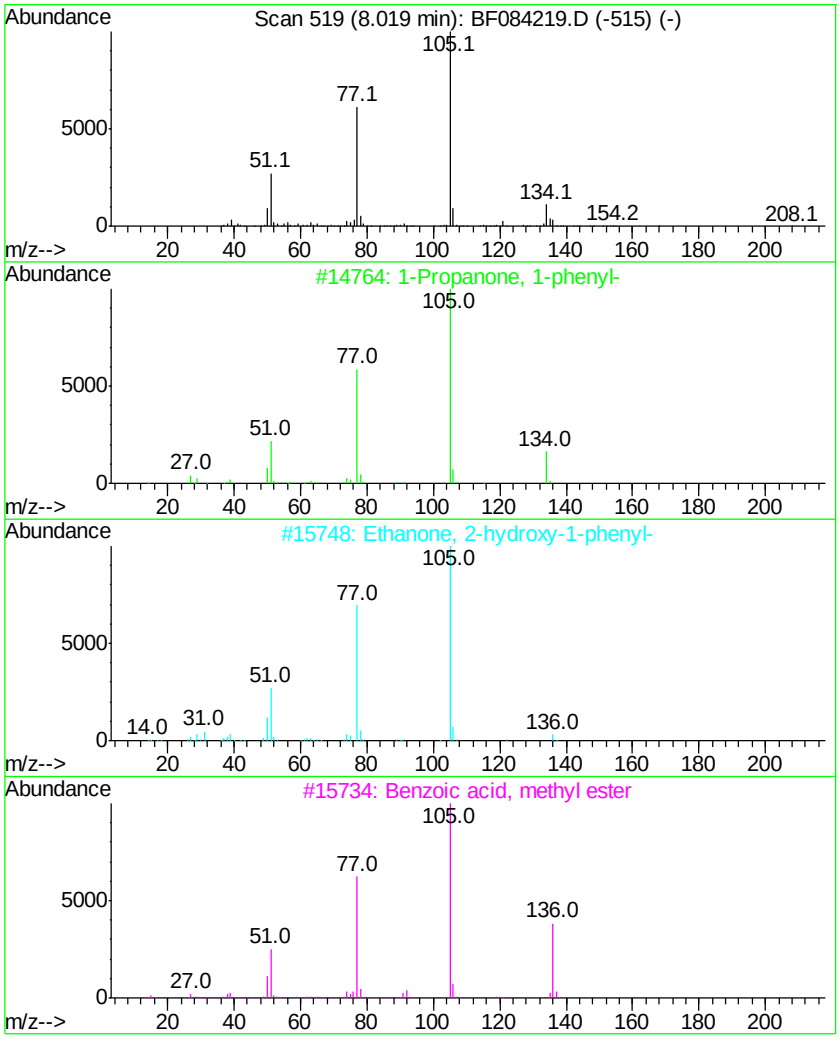
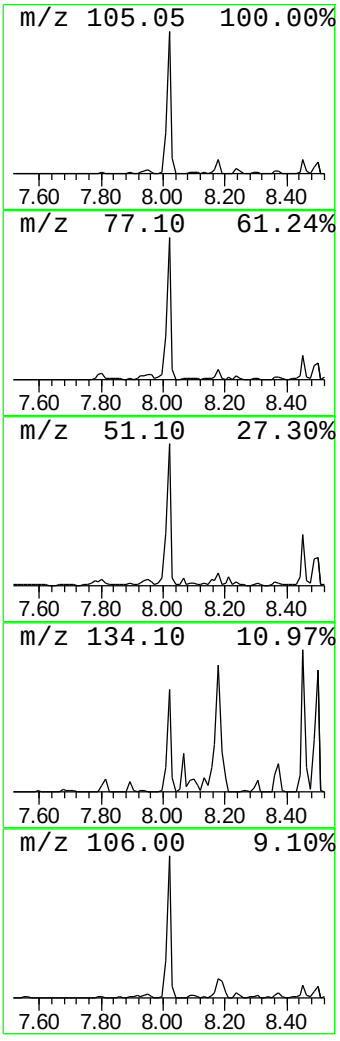
Peak Number 8 1-Propanone, 1-phenyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.02	35.59 ng	12957500	Naphthalene-d8	8.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propanone, 1-phenyl-	134	C9H10O	000093-55-0	90
2	Ethanone, 2-hydroxy-1-phenyl-	136	C8H8O2	000582-24-1	81
3	Benzoic acid, methyl ester	136	C8H8O2	000093-58-3	72
4	1,2-Propanedione, 1-phenyl-	148	C9H8O2	000579-07-7	64
5	Benzoic acid, 2-(benzoylthio)thi...	341	C17H11NO3S2	1000258-72-7	64





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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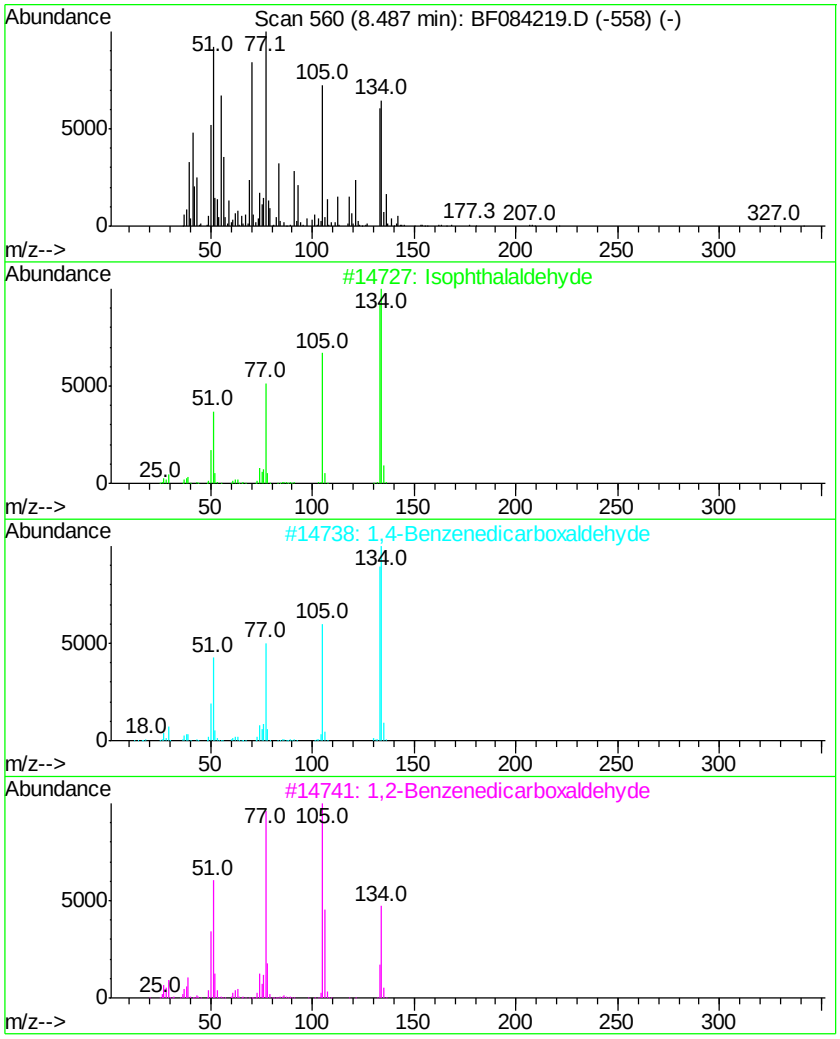
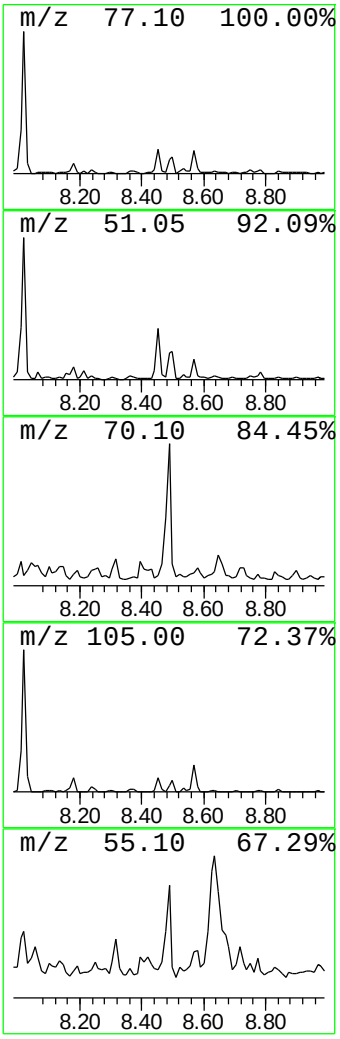
Peak Number 9 Isophthalaldehyde Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.49	9.38 ng	3414680	Naphthalene-d8	8.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isophthalaldehyde	134	C8H6O2	000626-19-7	96
2	1,4-Benzenedicarboxaldehyde	134	C8H6O2	000623-27-8	91
3	1,2-Benzenedicarboxaldehyde	134	C8H6O2	000643-79-8	90
4	Benzamide	121	C7H7NO	000055-21-0	70
5	Benzoyl isothiocyanate	163	C8H5NOS	000532-55-8	53





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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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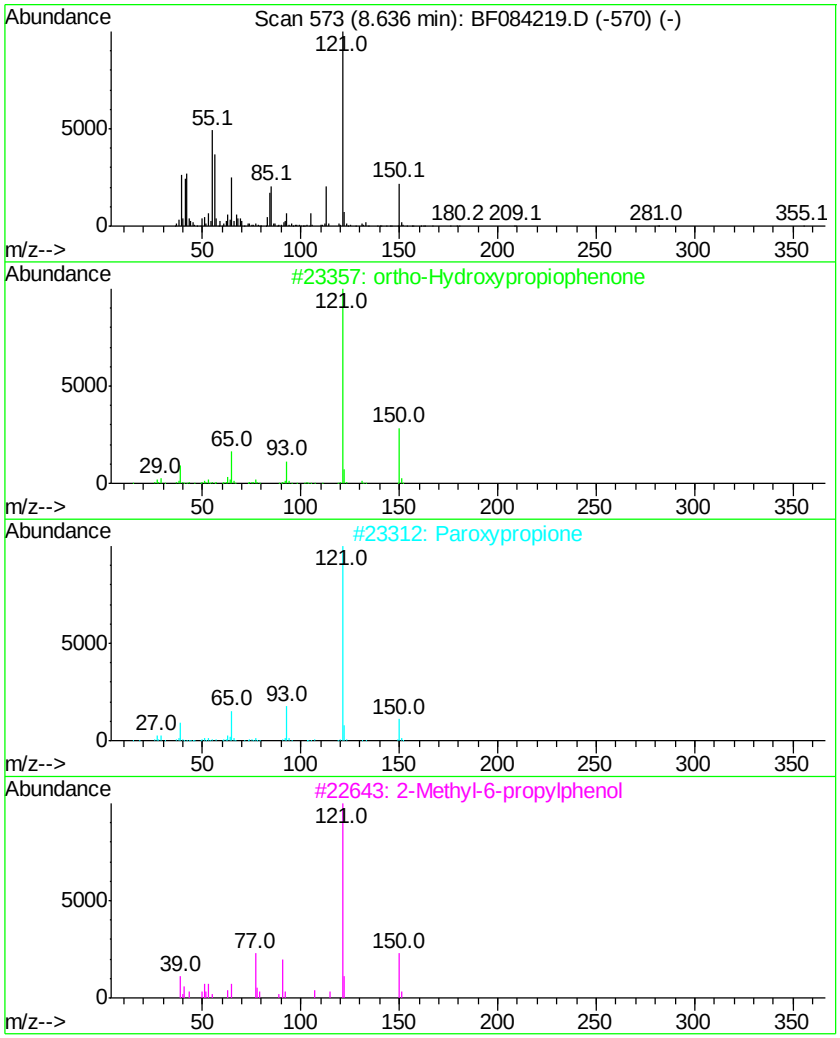
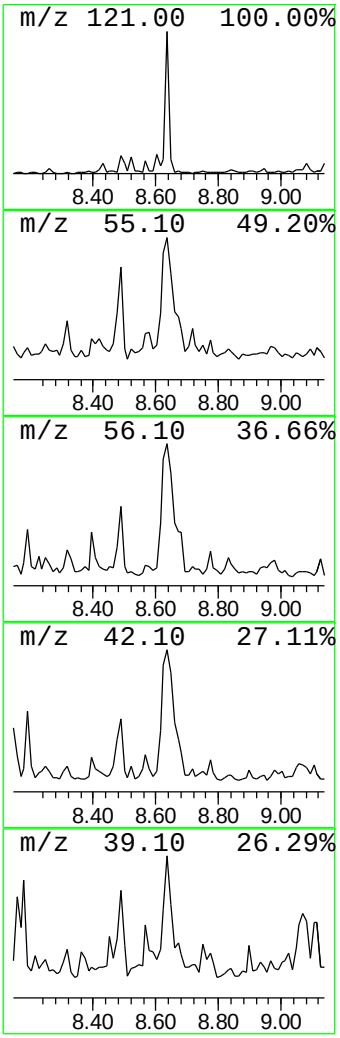
Peak Number 10 unknown8.64 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.64	11.85 ng	4314070	Naphthalene-d8	8.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	ortho-Hydroxypropiophenone	150	C9H10O2	000610-99-1	49
2	Paroxypropione	150	C9H10O2	000070-70-2	49
3	2-Methyl-6-propylphenol	150	C10H14O	003520-52-3	43
4	Phenol, 2-(1-methylpropyl)-	150	C10H14O	000089-72-5	38
5	2-Methyl-4-propylphenol	150	C10H14O	018441-56-0	38





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ClientSampleId : S8-0530

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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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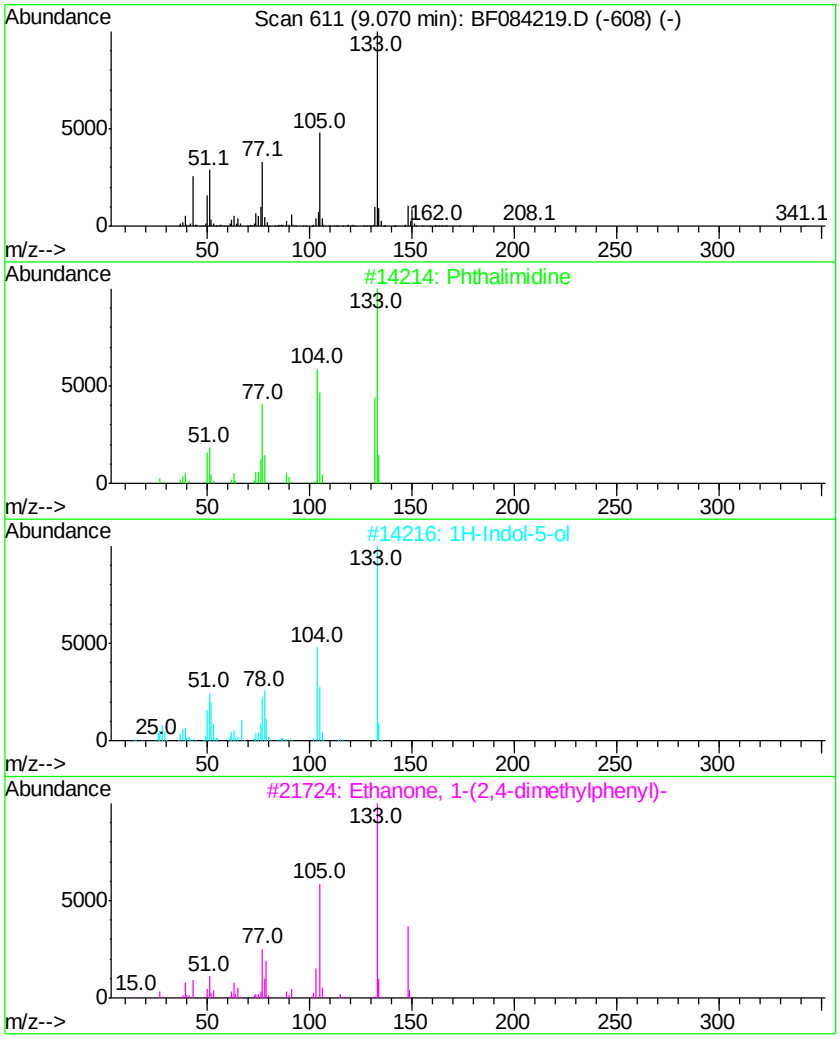
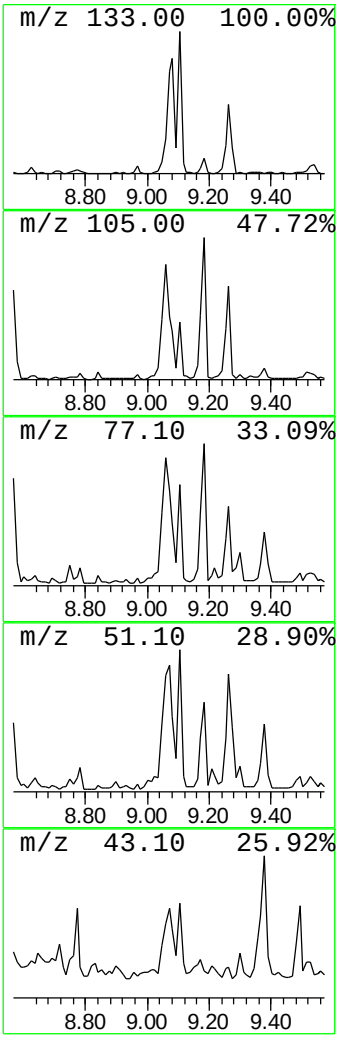
Peak Number 11 Phthalimidine Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.07	32.64 ng	6529810	Acenaphthene-d10	9.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalimidine	133	C8H7NO	000480-91-1	64
2	1H-Indol-5-ol	133	C8H7NO	001953-54-4	64
3	Ethanone, 1-(2,4-dimethylphenyl)-	148	C10H12O	000089-74-7	59
4	5-Aminoindazole	133	C7H7N3	019335-11-6	53
5	Benzene, 1-(1,1-dimethylethyl)-3...	148	C11H16	001075-38-3	53





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

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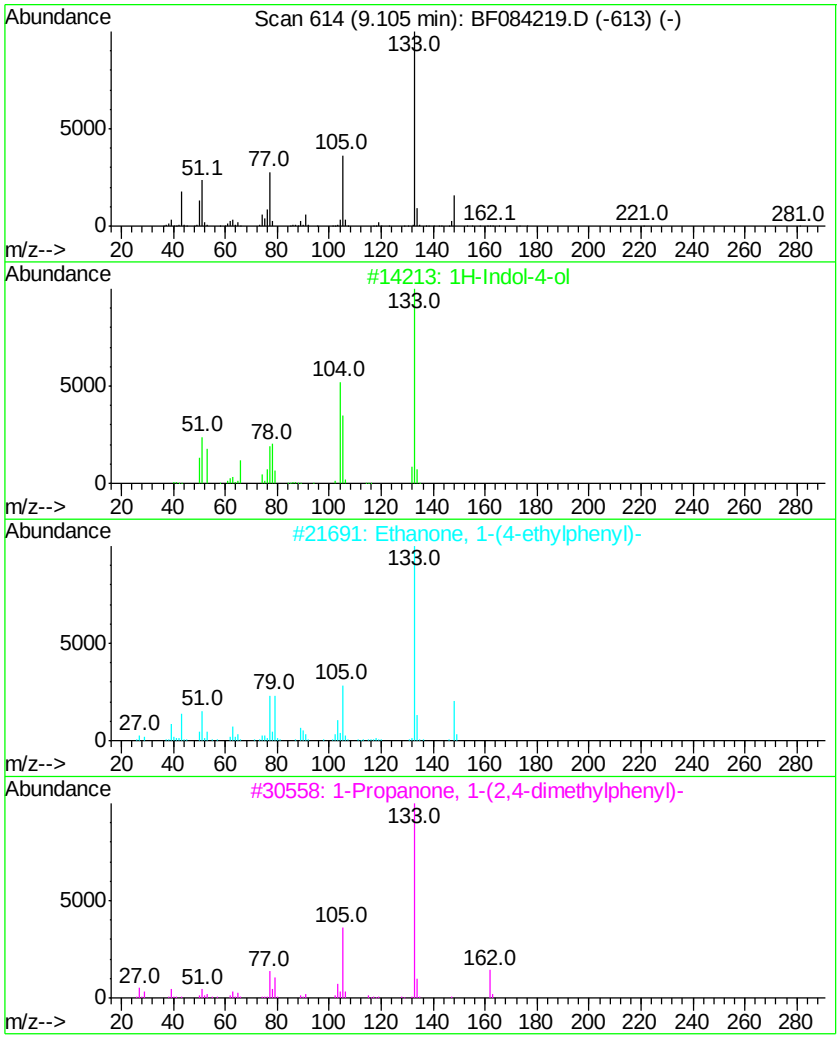
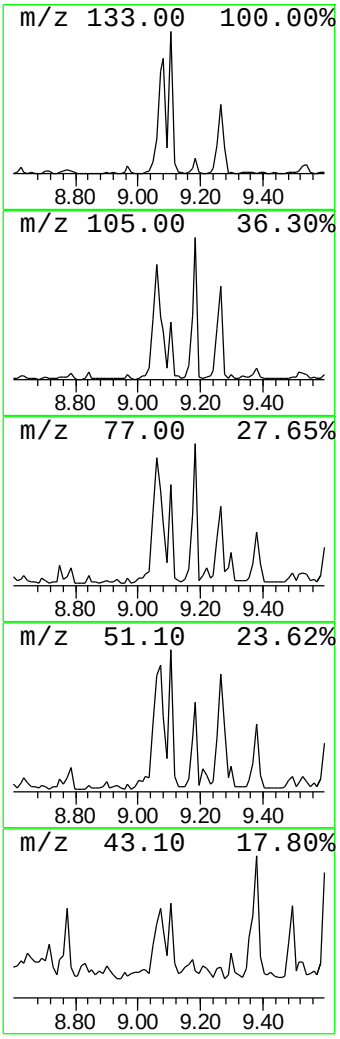
Peak Number 12 1H-Indol-4-ol Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.10	14.63 ng	2925560	Acenaphthene-d10	9.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indol-4-ol	133	C8H7NO	002380-94-1	86
2	Ethanone, 1-(4-ethylphenyl)-	148	C10H12O	000937-30-4	53
3	1-Propanone, 1-(2,4-dimethylphen...	162	C11H14O	035031-55-1	53
4	Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	50
5	Benzene, 1-(1,1-dimethylethyl)-3...	148	C11H16	001075-38-3	50





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Misc :
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Instrument : BNA_F
ClientSampleId : S8-0530

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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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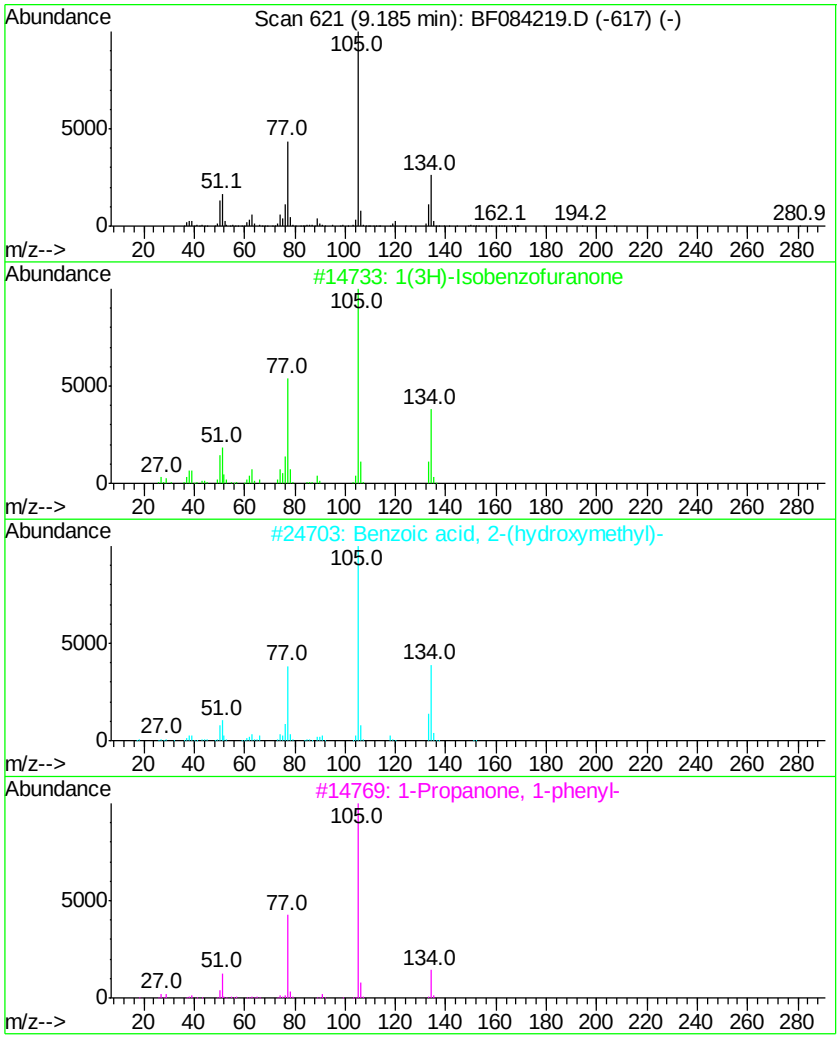
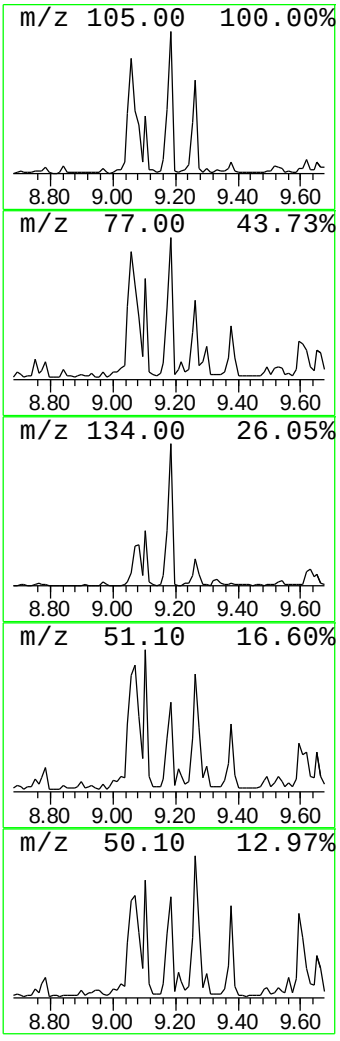
Peak Number 13 1(3H)-Isobenzofuranone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.18	16.04 ng	3209300	Acenaphthene-d10	9.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(3H)-Isobenzofuranone	134	C8H6O2	000087-41-2	95
2	Benzoic acid, 2-(hydroxymethyl)-	152	C8H8O3	000612-20-4	78
3	1-Propanone, 1-phenyl-	134	C9H10O	000093-55-0	64
4	1,2-Benzenedicarboxaldehyde	134	C8H6O2	000643-79-8	59
5	Benzamide, N-methyl-	135	C8H9NO	000613-93-4	53





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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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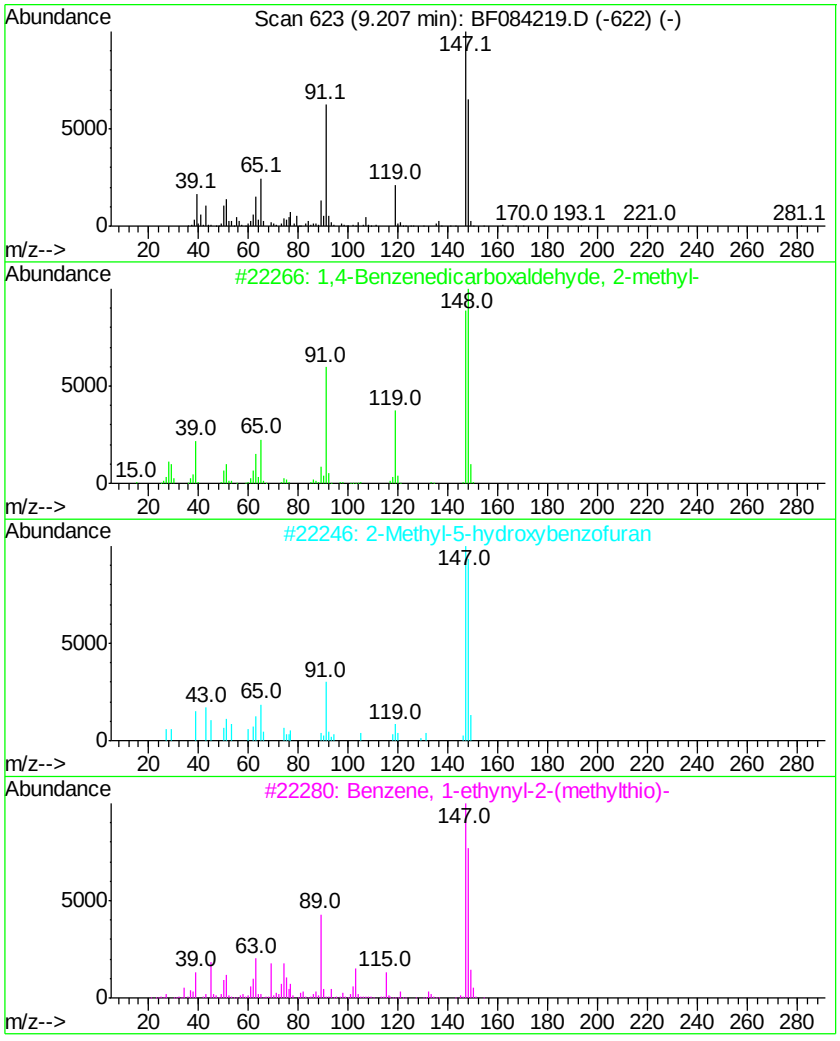
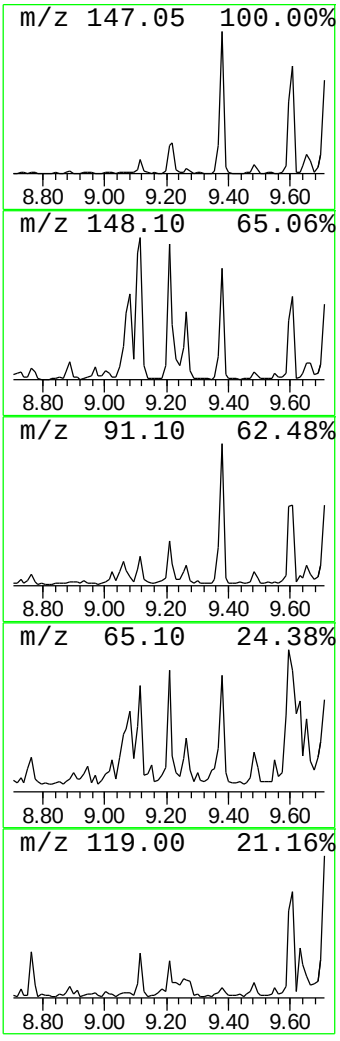
Peak Number 14 1,4-Benzenedicarboxaldehyde... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.21	8.73 ng	1745330	Acenaphthene-d10	9.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Benzenedicarboxaldehyde, 2-m...	148	C9H8O2	027587-17-3	58
2	2-Methyl-5-hydroxybenzofuran	148	C9H8O2	006769-56-8	56
3	Benzene, 1-ethynyl-2-(methylthio)-	148	C9H8S	078905-08-5	50
4	Benzo[b]furan-5-carboxylic acid,...	274	C15H11ClO3	1000268-06-4	50
5	Pyrido[2,3-d]pyrimidin-4(1H)-one	147	C7H5N3O	024410-19-3	47





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

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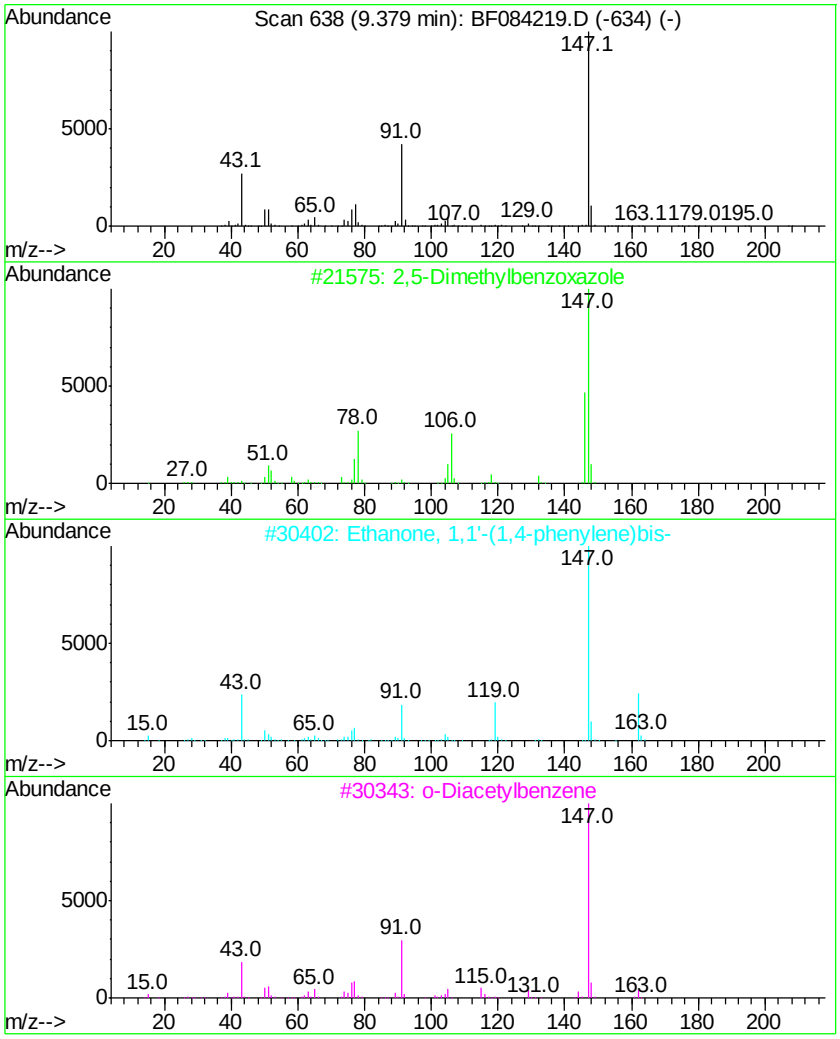
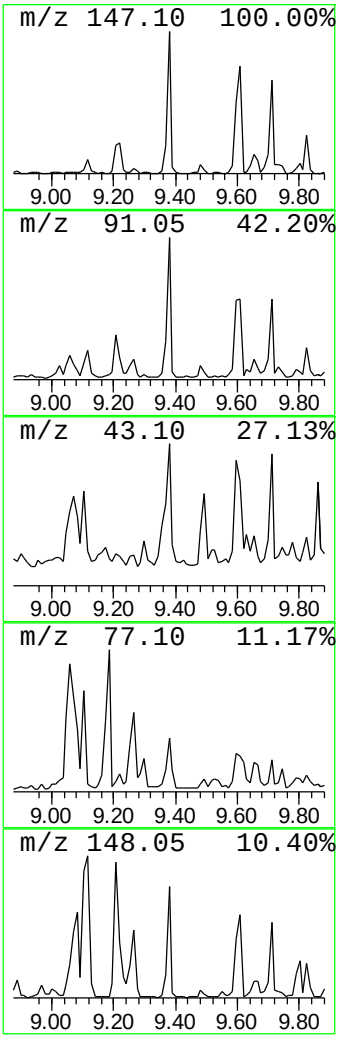
Peak Number 15 2,5-Dimethylbenzoxazole Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.38	18.84 ng	3768850	Acenaphthene-d10	9.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5-Dimethylbenzoxazole	147	C9H9NO	005676-58-4	64
2	Ethanone, 1,1'-(1,4-phenylene)bis-	162	C10H10O2	001009-61-6	56
3	o-Diacetylbenzene	162	C10H10O2	000704-00-7	56
4	Ethanone, 1,1'-(1,3-phenylene)bis-	162	C10H10O2	006781-42-6	43
5	6-Amino-2-methyl-2H-indazole	147	C8H9N3	050593-30-1	39





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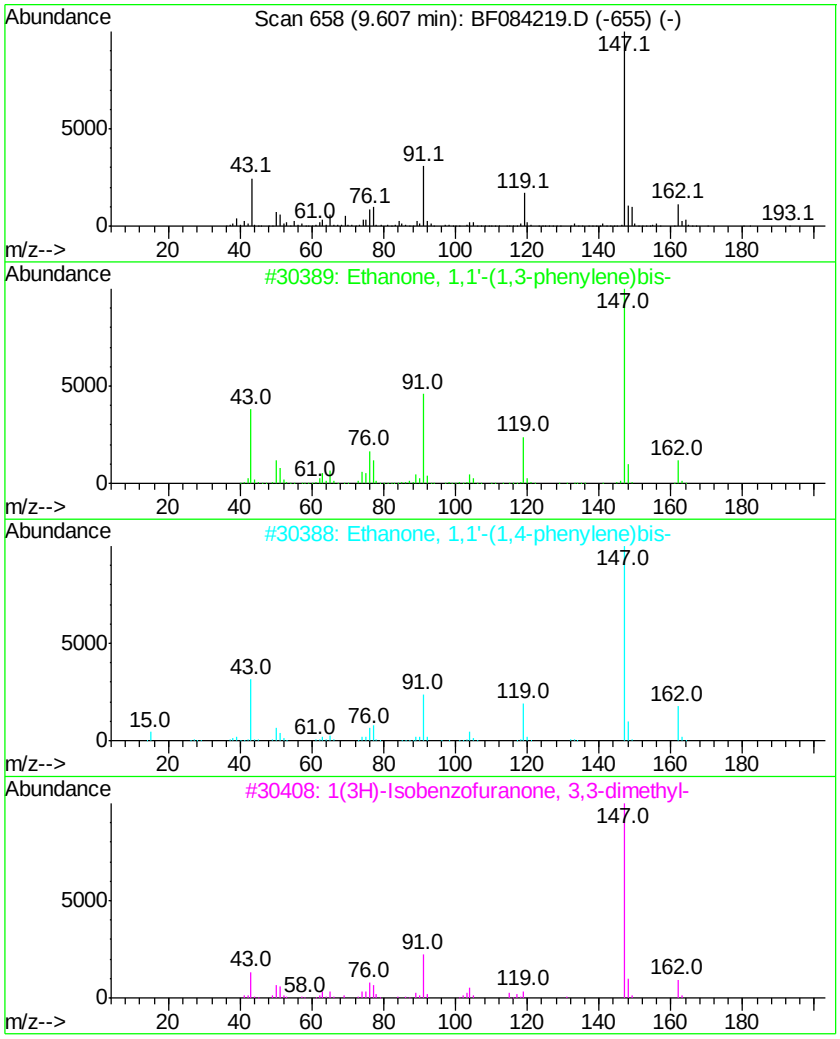
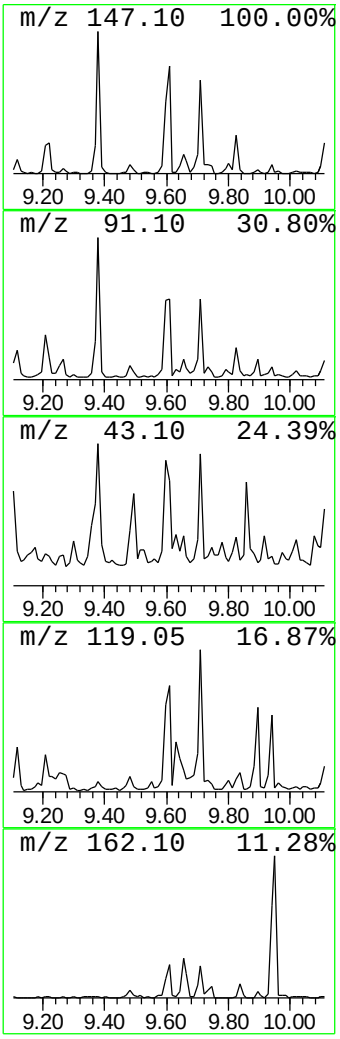
Peak Number 16 Ethanone, 1,1'-(1,3-phenyle... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.61	27.92 ng	5584460	Acenaphthene-d10	9.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1,1'-(1,3-phenylene)bis-	162	C10H10O2	006781-42-6	87
2	Ethanone, 1,1'-(1,4-phenylene)bis-	162	C10H10O2	001009-61-6	87
3	1(3H)-Isobenzofuranone, 3,3-dime...	162	C10H10O2	001689-09-4	64
4	Benzene, 1-(1,1-dimethylethyl)-3...	162	C12H18	000098-19-1	59
5	5-Hydroxy-3-methyl-1-indanone	162	C10H10O2	057878-30-5	59





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TIC Library : C:\DATABASE\NIST02.L
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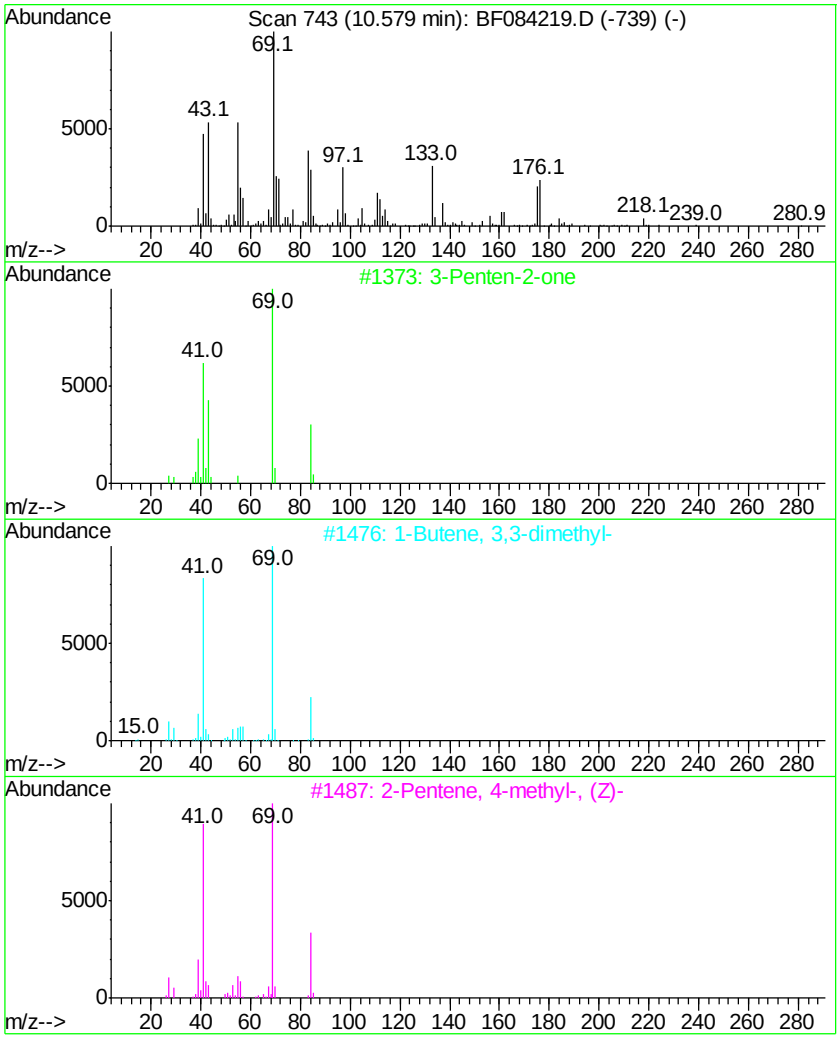
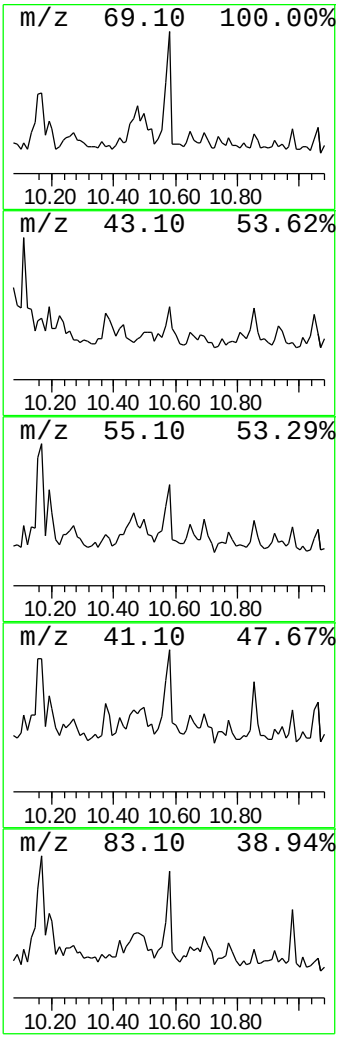
Peak Number 17 unknown10.58 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.58	8.48 ng	1695760	Acenaphthene-d10	9.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one	84	C5H8O	000625-33-2	30
2	1-Butene, 3,3-dimethyl-	84	C6H12	000558-37-2	30
3	2-Pentene, 4-methyl-, (Z)-	84	C6H12	000691-38-3	27
4	1-Pentene, 3,3-dimethyl-	98	C7H14	003404-73-7	25
5	2-Heptene, 4-methyl-, (E)-	112	C8H16	066225-17-0	25





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Data File : BF084219.D
Acq On : 1 Jan 2016 2:30
Operator : UM/SJ
Sample : G4982-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-0530

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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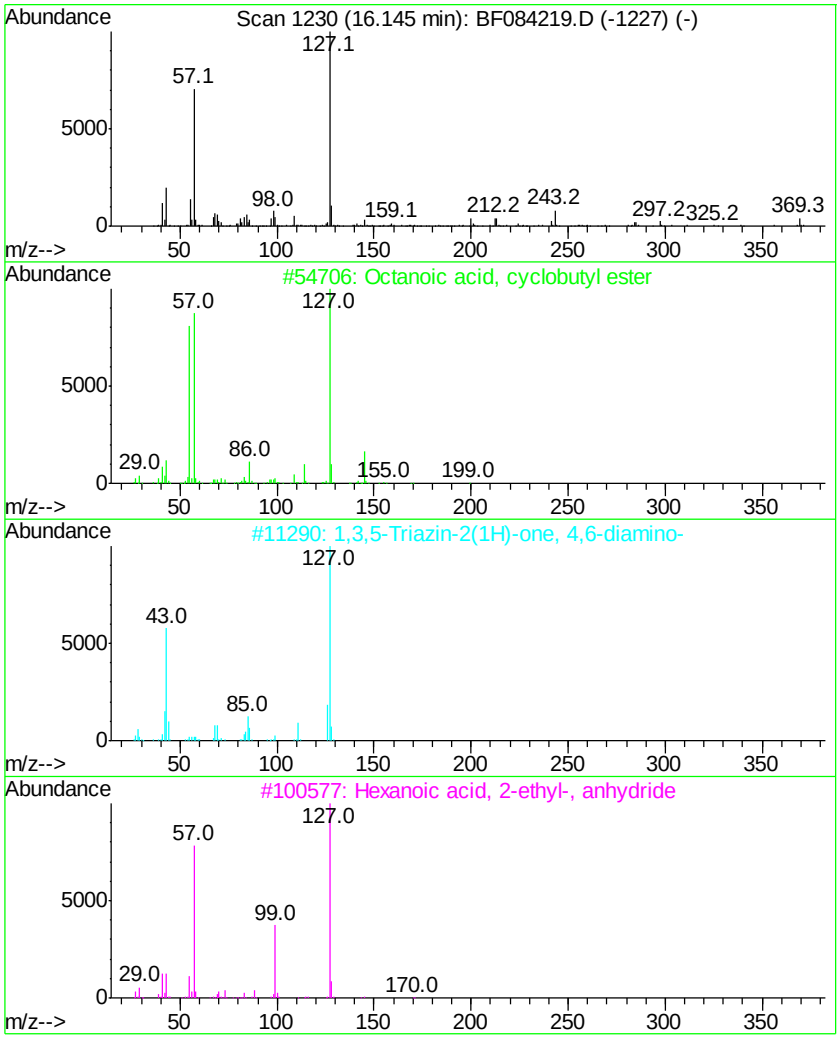
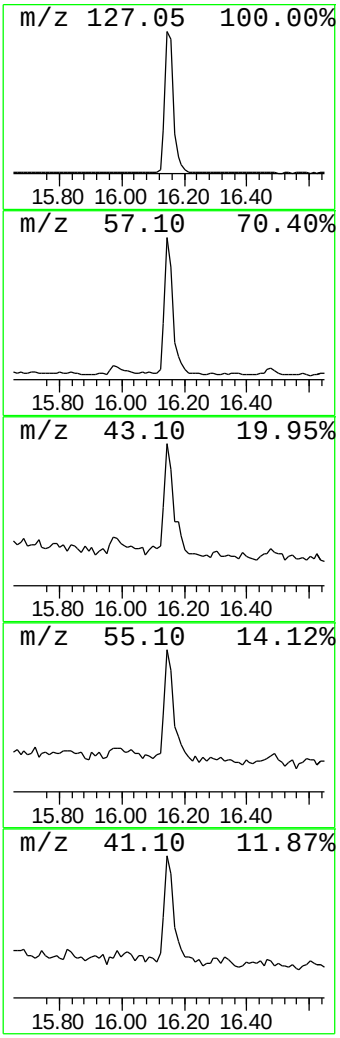
Peak Number 18 Octanoic acid, cyclobutyl e... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.15	15.68 ng	926859	Perylene-d12	15.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanoic acid, cyclobutyl ester	198	C12H22O2	1000282-86-6	53
2	1,3,5-Triazin-2(1H)-one, 4,6-dia...	127	C3H5N5O	000645-92-1	53
3	Hexanoic acid, 2-ethyl-, anhydride	270	C16H30O3	036765-89-6	53
4	Propylphosphonic acid, fluoroanh...	222	C10H20FO2P	1000273-52-9	50
5	Spiro[bicyclo[2.2.1]heptane-2,2'...	212	C12H20O3	035972-92-0	45





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Operator : UM/SJ
Sample : G4982-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-0530

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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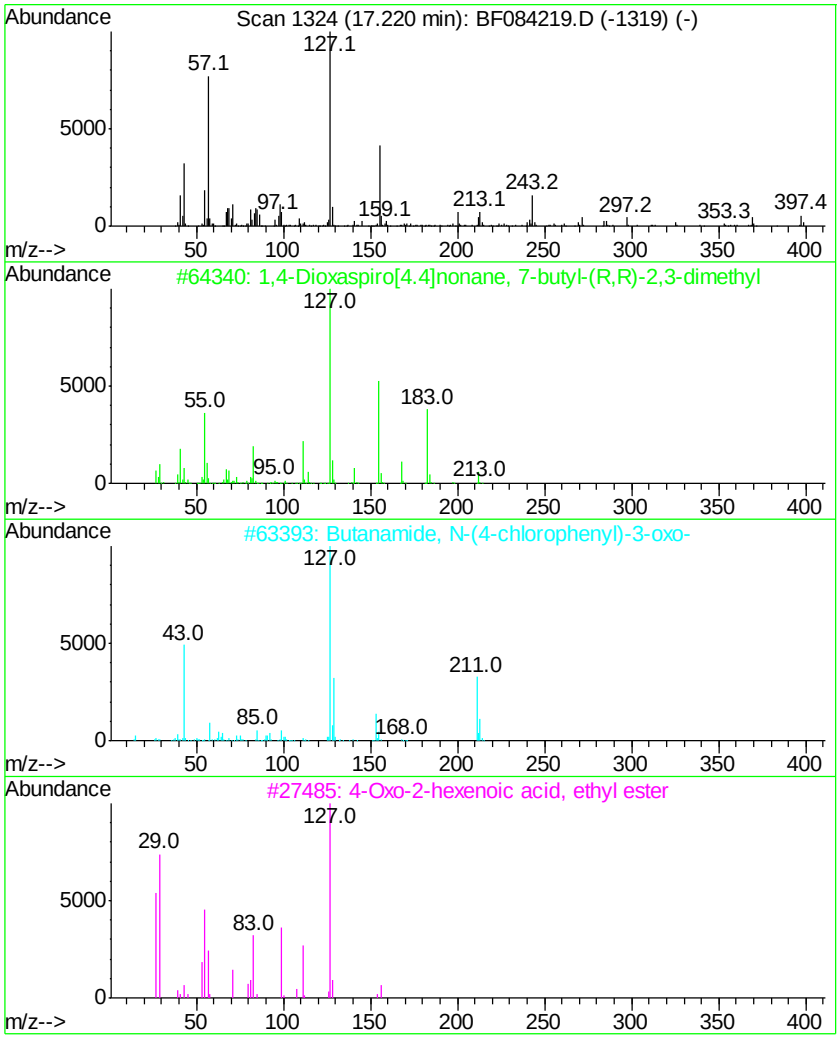
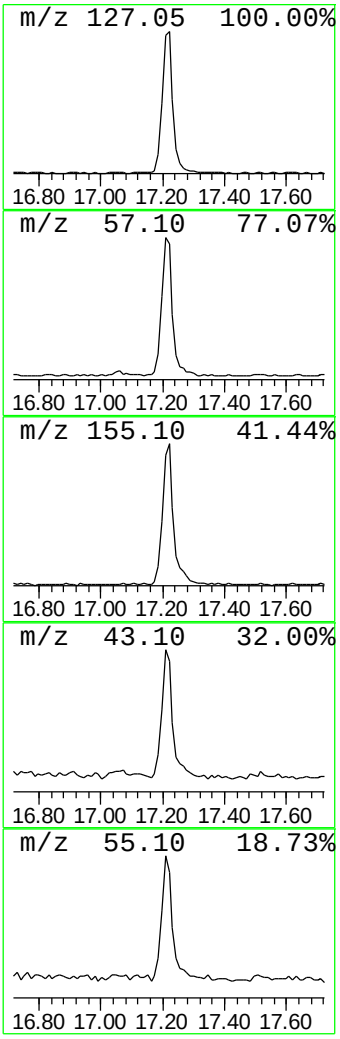
Peak Number 19 1,4-Dioxaspiro[4.4]nonane, ... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.22	28.52 ng	1685140	Perylene-d12	15.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Dioxaspiro[4.4]nonane, 7-but...	212	C13H24O2	104807-77-4	72
2	Butanamide, N-(4-chlorophenyl)-3...	211	C10H10ClNO2	000101-92-8	43
3	4-Oxo-2-hexenoic acid, ethyl ester	156	C8H12O3	061454-94-2	43
4	Urea, 1-(4-chlorophenyl)-3-propyl-	212	C10H13ClN2O	013208-64-5	43
5	Propylphosphonic acid, fluoroanh...	222	C10H20FO2P	1000273-52-9	38





Data Path : Z:\HPCHEM1\BNA F\DATA\BF123115\
Data File : BF084219.D
Acq On : 1 Jan 2016 2:30
Operator : UM/SJ
Sample : G4982-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-0530

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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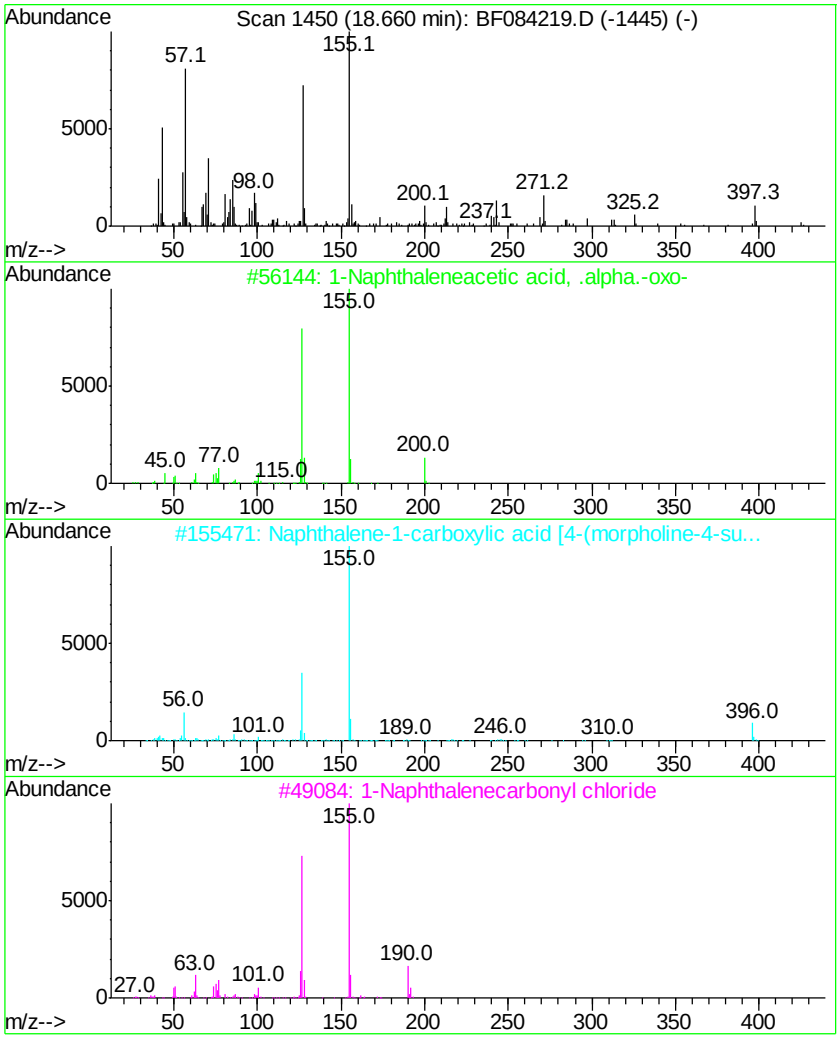
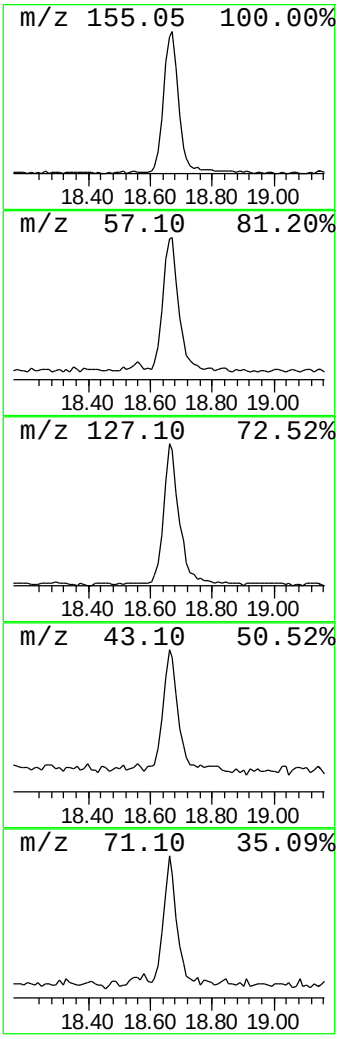
Peak Number 20 1-Naphthaleneacetic acid, ... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.66	18.20 ng	1075260	Perylene-d12	15.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Naphthaleneacetic acid, .alpha...	200	C12H8O3	026153-26-4	58
2	Naphthalene-1-carboxylic acid [4...	396	C21H20N2O4S	1000274-23-6	53
3	1-Naphthalenecarbonyl chloride	190	C11H7ClO	000879-18-5	53
4	4-Cyanocinnoline	155	C9H5N3	016470-90-9	53
5	5-Oxazolidinone, 2-(1,1-dimethyl...	297	C18H19NO3	119215-55-3	47





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF123115\
Data File : BF084219.D
Acq On : 1 Jan 2016 2:30
Operator : UM/SJ
Sample : G4982-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-0530

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
Ethane, 1,1,2,2-t...	6.03	11.7	ng	2780940	1	6.90	4757090	20.0
2,3,3-Trimethyl-2...	6.11	9.2	ng	2191290	1	6.90	4757090	20.0
3-Pentenoic acid,...	6.61	9.1	ng	2161340	1	6.90	4757090	20.0
unknown6.68	6.68	32.6	ng	7744230	1	6.90	4757090	20.0
1-Methyl-1H-1,2,4...	6.98	9.4	ng	2242500	1	6.90	4757090	20.0
2(3H)-Furanone, d...	7.78	24.5	ng	8912750	2	8.19	7280540	20.0
1-Propanone, 1-ph...	8.02	35.6	ng	12957500	2	8.19	7280540	20.0
Isophthalaldehyde	8.49	9.4	ng	3414680	2	8.19	7280540	20.0
unknown8.64	8.64	11.9	ng	4314070	2	8.19	7280540	20.0
Phthalimidine	9.07	32.6	ng	6529810	3	9.95	4000740	20.0
1H-Indol-4-ol	9.10	14.6	ng	2925560	3	9.95	4000740	20.0
1(3H)-Isobenzofur...	9.18	16.0	ng	3209300	3	9.95	4000740	20.0
1,4-Benzenedicarb...	9.21	8.7	ng	1745330	3	9.95	4000740	20.0
2,5-Dimethylbenzo...	9.38	18.8	ng	3768850	3	9.95	4000740	20.0
Ethanone, 1,1'-(1...	9.61	27.9	ng	5584460	3	9.95	4000740	20.0
unknown10.58	10.58	8.5	ng	1695760	3	9.95	4000740	20.0
Octanoic acid, cy...	16.15	15.7	ng	926859	6	15.51	1181930	20.0
1,4-Dioxaspiro[4....	17.22	28.5	ng	1685140	6	15.51	1181930	20.0
1-Naphthaleneacet...	18.66	18.2	ng	1075260	6	15.51	1181930	20.0