LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101116\
Data File : BF090521.D
Acq On : 12 Oct 2016 00:02
Operator : UM/SJ
Sample : H5146-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-0615

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-BF101116.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	3.034	51	61	66	rVB	120596	304837	1.10%	0.104%
2	3.205	72	76	80	rBV	456241	868545	3.14%	0.295%
3	3.994	141	145	148	rVB	5003777	7509878	27.15%	2.554%
4	4.543	189	193	195	rBV	508906	786711	2.84%	0.268%
5	5.160	245	247	250	rVV	438112	652779	2.36%	0.222%
6	5.240	250	254	256	rVB2	285851	377416	1.36%	0.128%
7	5.434	268	271	273	rVB	8227759	9288217	33.57%	3.159%
8	5.571	277	283	285	rVB2	8446760	19986267	72.24%	6.798%
9	5.731	295	297	300	rBV2	266790	337779	1.22%	0.115%
10	5.800	300	303	305	rBV	5502610	5252306	18.99%	1.787%
11	5.994	315	320	324	rBV3	570308	1087807	3.93%	0.370%
12	6.120	329	331	333	rBV	1529348	1350086	4.88%	0.459%
13	6.154	333	334	337	rBV2	163415	358002	1.29%	0.122%
14	6.223	337	340	342	rVB3	214588	507402	1.83%	0.173%
15	6.280	342	345	349	rBV3	359139	546058	1.97%	0.186%
16	6.417	354	357	358	rVB	919714	1127316	4.07%	0.383%
17	6.474	358	362	364	rBV	2655873	3962598	14.32%	1.348%
18	6.509	364	365	367	rVB	2001715	1568087	5.67%	0.533%
19	6.554	367	369	371	rBV	2909655	2441910	8.83%	0.831%
20	6.600	371	373	375	rVB	1453762	1944420	7.03%	0.661%
21	6.646	375	377	381	rVB2	1819789	2789455	10.08%	0.949%
22	6.726	381	384	387	rBV	3713162	5055376	18.27%	1.720%
23	6.783	387	389	391	rBV	6577654	6011641	21.73%	2.045%
24	6.829	391	393	396	rBV4	144438	288722	1.04%	0.098%
25	6.874	396	397	399	rBV	262408	418819	1.51%	0.142%
26	6.920	399	401	402	rBV2	348476	592334	2.14%	0.201%
27	6.954	402	404	408	rVB3	1696575	2359365	8.53%	0.803%
28	7.012	408	409	415	rVB	2607898	2656478	9.60%	0.904%
29	7.114	415	418	419	rBV	4899536	5161418	18.66%	1.756%
30	7.160	419	422	425	rVB2	1281638	1987916	7.19%	0.676%
31	7.229	425	428	430	rBV3	407455	950843	3.44%	0.323%
32	7.297	430	434	437	rBV4	948556	2617161	9.46%	0.890%
33	7.366	437	440	441	rVV	1266841	1942614	7.02%	0.661%
34	7.389	441	442	443	rVV	1433854	1636342	5.91%	0.557%

LSC Area Percent Report

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Data File : BF090521.D
Acq On : 12 Oct 2016 00:02
Operator : UM/SJ
Sample : H5146-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-0615

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-BF101116.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.515	446	453	455	rVB3	4531978	13600749	49.16%	4.626%
36	7.606	458	461	463	rBV2	1586850	3213333	11.62%	1.093%
37	7.709	465	470	471	rVV3	1661733	5408223	19.55%	1.840%
38	7.743	471	473	474	rVV2	2521945	5017215	18.14%	1.707%
39	7.857	476	483	487	rVV4	6016468	27665281	100.00%	9.410%
40	7.915	487	488	490	rVB2	2113905	2123113	7.67%	0.722%
41	7.960	490	492	493	rBV	1274634	1555704	5.62%	0.529%
42	8.017	495	497	498	rVB	2734087	3055152	11.04%	1.039%
43	8.063	498	501	505	rBV2	4586458	8849572	31.99%	3.010%
44	8.120	505	506	510	rVB3	2474156	5017348	18.14%	1.707%
45	8.177	510	511	512	rBV	781886	707477	2.56%	0.241%
46	8.223	512	515	516	rBV	2469025	3028035	10.95%	1.030%
47	8.269	516	519	525	rVB2	4275332	8646976	31.26%	2.941%
48	8.395	525	530	531	rBV4	383913	653584	2.36%	0.222%
49	8.452	531	535	537	rBV3	1411444	3026674	10.94%	1.030%
50	8.497	537	539	540	rBV	925935	968445	3.50%	0.329%
51	8.532	540	542	543	rBV	913514	1172520	4.24%	0.399%
52	8.555	543	544	546	rBV2	858823	794498	2.87%	0.270%
53	8.635	546	551	553	rVV3	2319798	6160363	22.27%	2.095%
54	8.737	557	560	563	rVV3	1576993	4747599	17.16%	1.615%
55	8.852	563	570	572	rVV2	2640158	10844670	39.20%	3.689%
56	8.909	572	575	577	rVB	2723704	4942284	17.86%	1.681%
57	8.955	577	579	581	rBV2	2138443	4067228	14.70%	1.383%
58	9.000	581	583	584	rVB	1626423	1823359	6.59%	0.620%
59	9.035	584	586	587	rBV	3518834	3480912	12.58%	1.184%
60	9.058	587	588	592	rVB2	1809223	2598550	9.39%	0.884%
61	9.126	592	594	598	rVB5	1033194	2191950	7.92%	0.746%
62	9.195	598	600	601	rBV2	975521	1654370	5.98%	0.563%
63	9.252	601	605	606	rBV3	1561994	3046479	11.01%	1.036%
64	9.320	606	611	613	rVB3	6156981	12784224	46.21%	4.349%
65	9.366	613	615	616	rBV	2007074	2304456	8.33%	0.784%
66	9.480	621	625	628	rBV2	1146905	3046960	11.01%	1.036%
67	9.549	628	631	632	rVV2	1592352	2778723	10.04%	0.945%
68	9.583	632	634	635	rVV2	843957	1512657	5.47%	0.515%
69	9.606	635	636	637	rVB	1018946	698487	2.52%	0.238%
70	9.629	637	638	640	rBV2	855620	1056156	3.82%	0.359%
71	9.675	640	642	644	rVV3	523400	1170530	4.23%	0.398%

LSC Area Percent Report

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Operator : UM/SJ
Sample : H5146-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-0615

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
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Start Thrs: 0.2 Max Peaks: 100
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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	9.709	644	645	648	rVB3	1182786	1263149	4.57%	0.430%
73	9.766	648	650	652	rBV3	592567	889189	3.21%	0.302%
74	9.823	652	655	657	rVB3	781240	1194143	4.32%	0.406%
75	9.880	657	660	663	rBV2	1343805	3147602	11.38%	1.071%
76	9.926	663	664	665	rVB	407834	279570	1.01%	0.095%
77	9.972	665	668	669	rBV2	531516	788139	2.85%	0.268%
78	10.006	669	671	672	rVB	2065449	1753734	6.34%	0.597%
79	10.063	672	676	677	rVB4	1187941	1618598	5.85%	0.551%
80	10.109	677	680	682	rBV2	765511	1730714	6.26%	0.589%
81	10.155	682	684	686	rVB3	898289	923788	3.34%	0.314%
82	10.269	691	694	699	rBV4	538069	1350952	4.88%	0.460%
83	10.349	699	701	702	rBV	389493	491098	1.78%	0.167%
84	10.452	707	710	712	rBV3	663009	972567	3.52%	0.331%
85	10.578	718	721	723	rBV3	462024	920409	3.33%	0.313%
86	10.749	735	736	738	rBV2	205537	325917	1.18%	0.111%
87	10.795	738	740	742	rVV2	2867385	4280679	15.47%	1.456%
88	11.023	756	760	761	rBV4	175700	412933	1.49%	0.140%
89	11.058	761	763	765	rVB2	259332	352146	1.27%	0.120%
90	11.492	799	801	803	rBV	2102018	1878354	6.79%	0.639%
91	11.812	826	829	831	rBV2	316037	425661	1.54%	0.145%
92	12.029	846	848	853	rVB3	359240	439707	1.59%	0.150%
93	12.818	915	917	919	rVB	411319	364724	1.32%	0.124%
94	13.081	937	940	942	rBV	5585609	5192132	18.77%	1.766%
95	13.126	942	944	947	rVB	295274	349504	1.26%	0.119%
96	14.132	1030	1032	1035	rVB	1425669	1317440	4.76%	0.448%
97	15.618	1159	1162	1167	rVB	790585	1184881	4.28%	0.403%

Sum of corrected areas: 293988491

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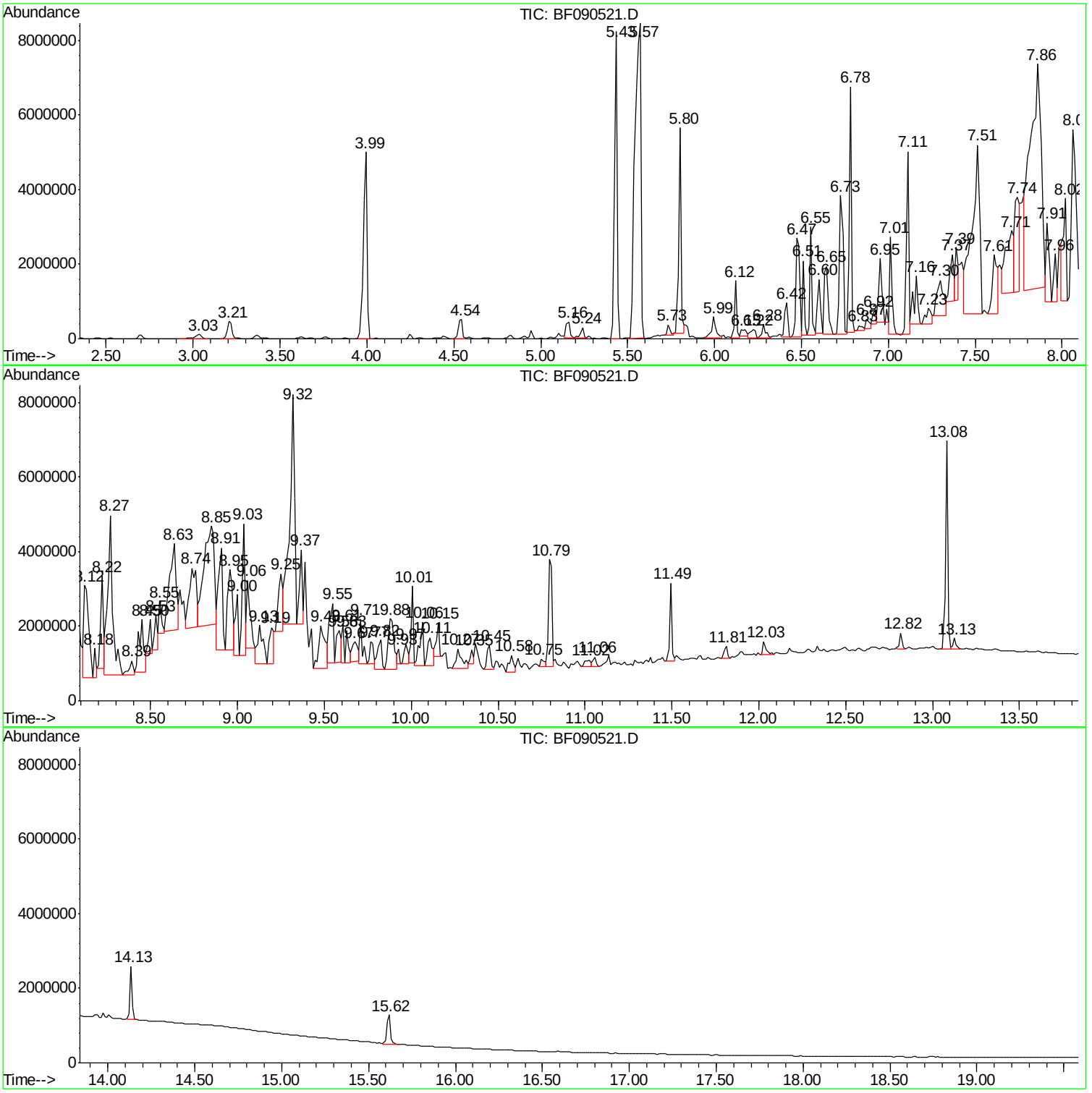
Instrument : BNA_F
ClientSampleId : S8-0615

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF101116\
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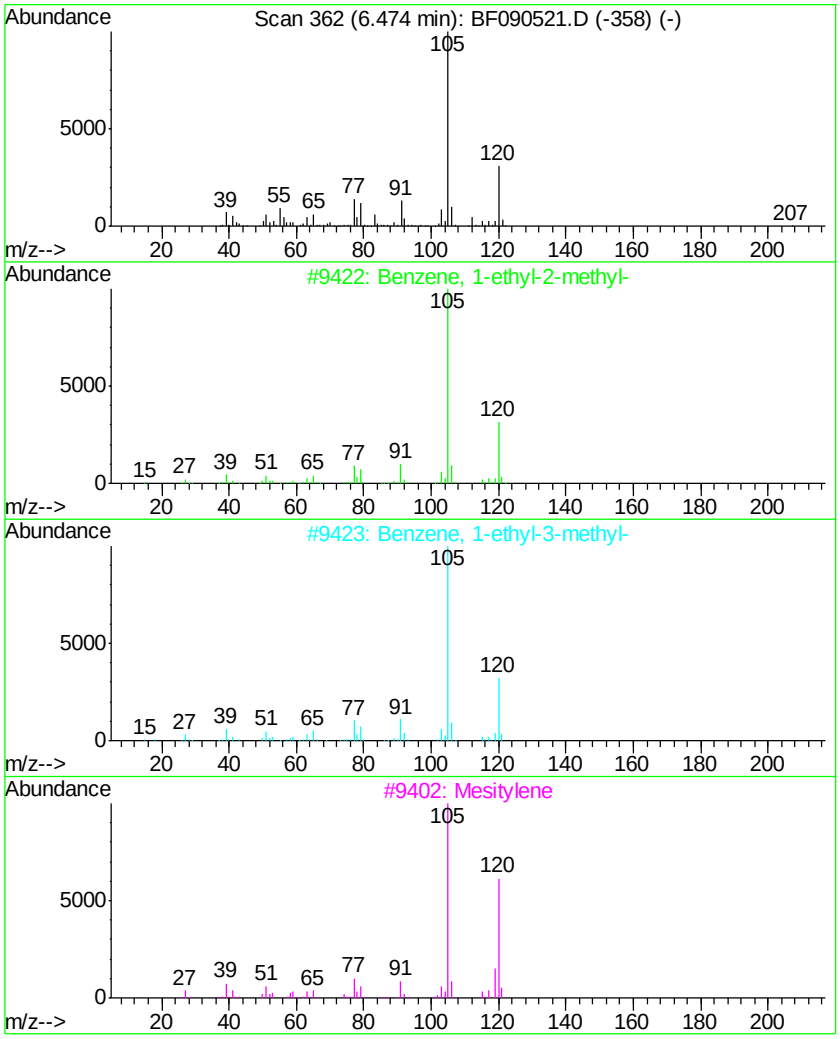
TIC Integration Parameters: LSCINT.P

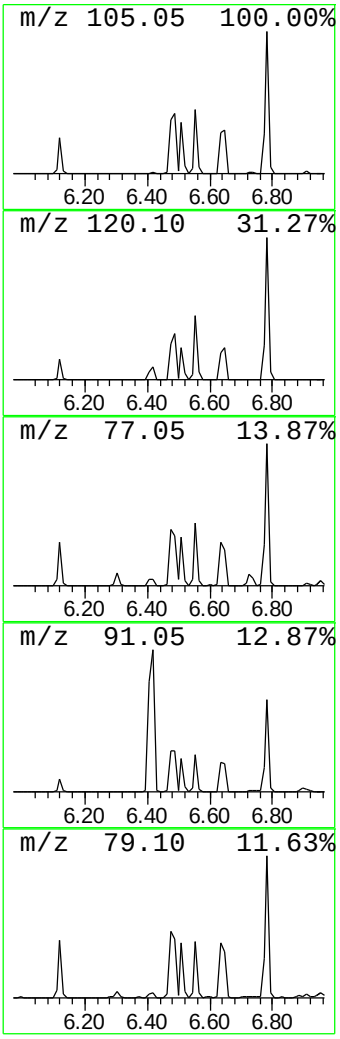
****

Peak Number 4 Benzene, 1-ethyl-2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.47	33.59 ng	3962600	1,4-Dichlorobenzene-d4	6.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
3	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	90





Data Path : Z:\HPCHEM1\BNA F\DATA\BF101116\
Data File : BF090521.D
Acq On : 12 Oct 2016 00:02
Operator : UM/SJ
Sample : H5146-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-0615

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

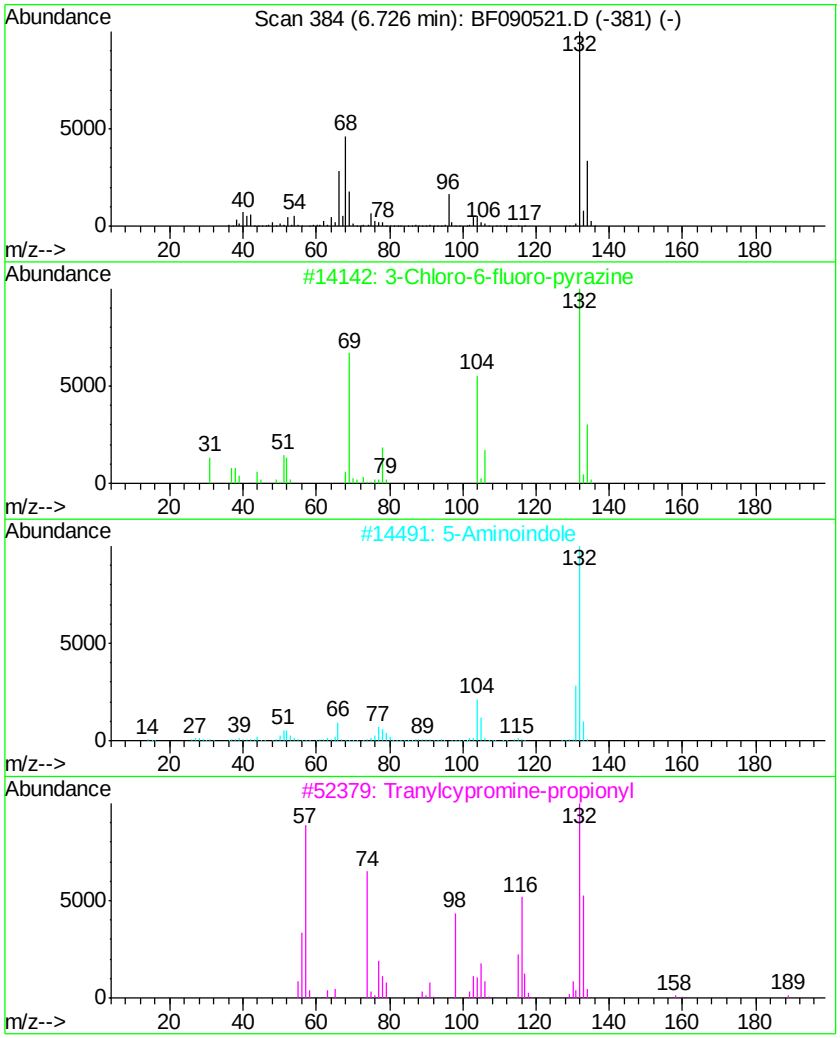
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

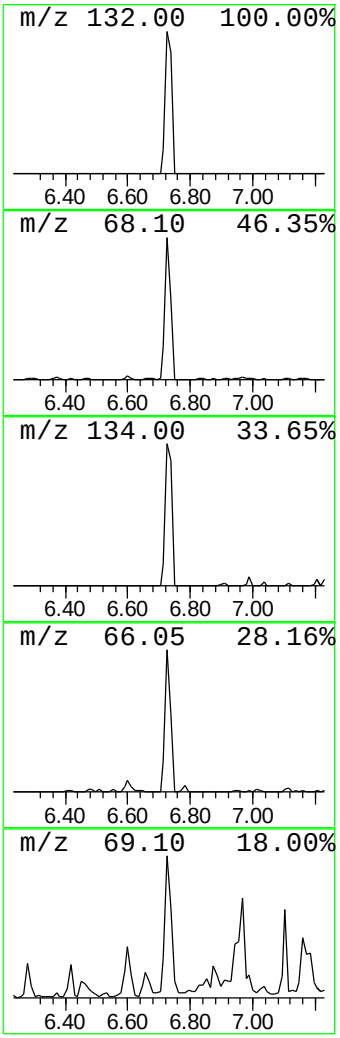
****

Peak Number 5 unknown6.73 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.73	42.85 ng	5055380	1,4-Dichlorobenzene-d4	6.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





Library Search Compound Report

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Instrument : BNA_F
ClientSampleId : S8-0615

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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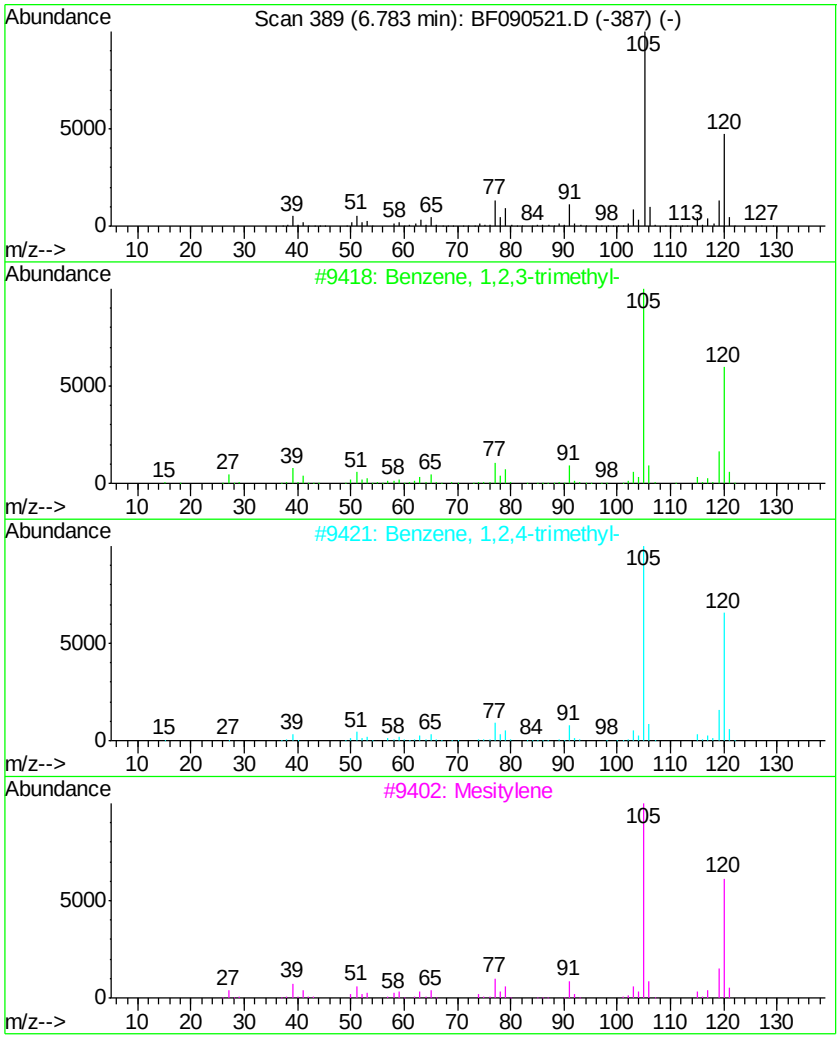
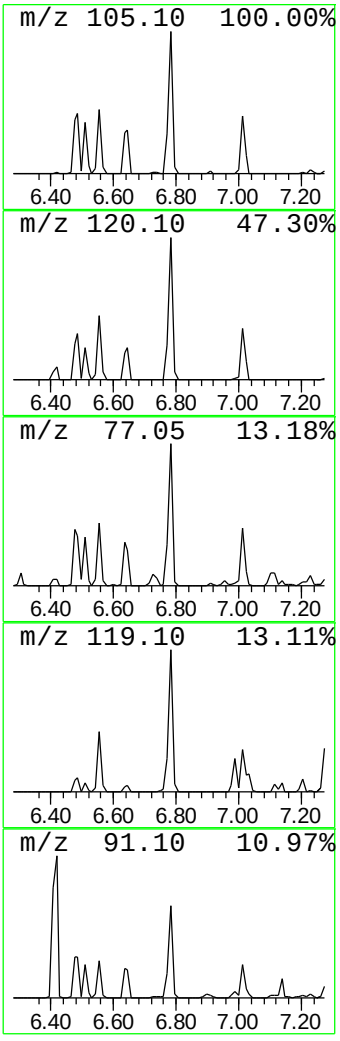
Peak Number 6 Benzene, 1,2,3-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.78	50.96 ng	6011640	1,4-Dichlorobenzene-d4	6.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
3	Mesitylene	120	C9H12	000108-67-8	94
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





Data Path : Z:\HPCHEM1\BNA F\DATA\BF101116\
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Sample : H5146-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-0615

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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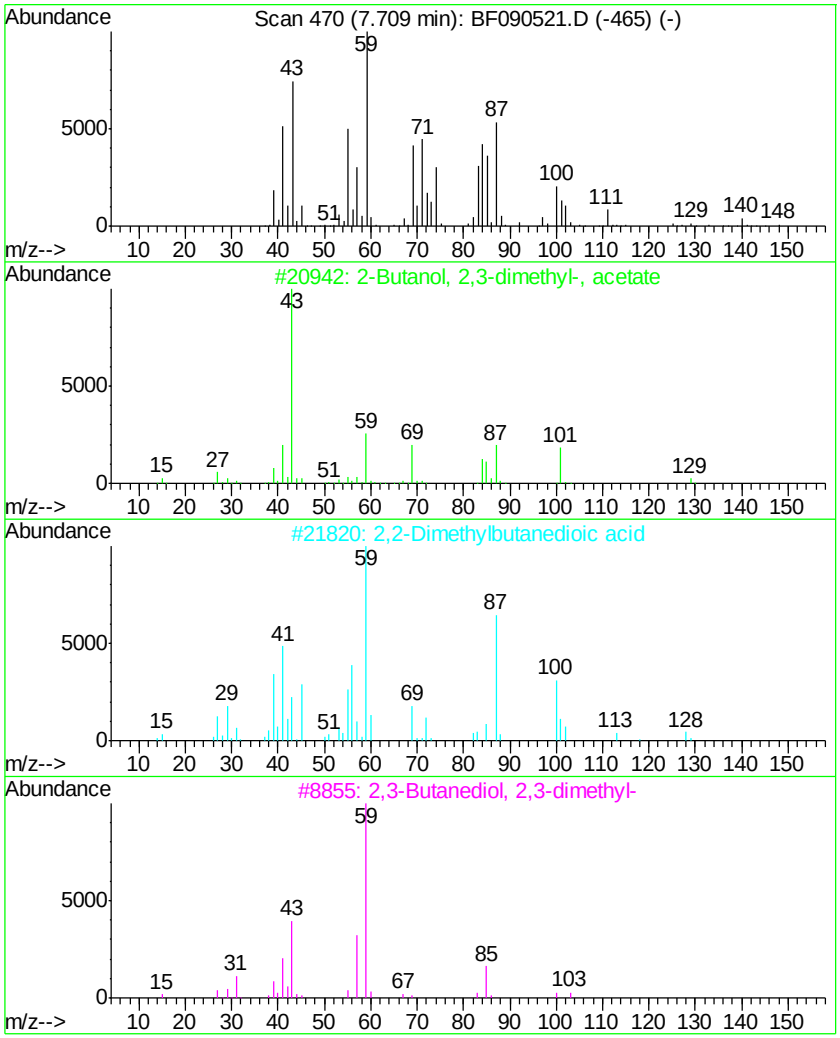
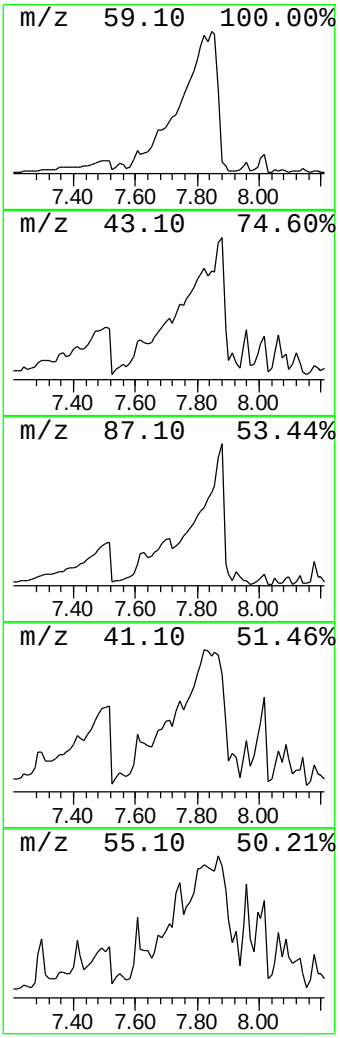
Peak Number 8 unknown7.71 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.71	35.72 ng	5408220	Naphthalene-d8	8.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butanol, 2,3-dimethyl-, acetate	144	C8H16O2	004806-33-1	47
2	2,2-Dimethylbutanedioic acid	146	C6H10O4	000597-43-3	38
3	2,3-Butanediol, 2,3-dimethyl-	118	C6H14O2	000076-09-5	22
4	Butanoic acid, 2-ethyl-, methyl ...	130	C7H14O2	000816-11-5	22
5	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	14





Library Search Compound Report

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Sample : H5146-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-0615

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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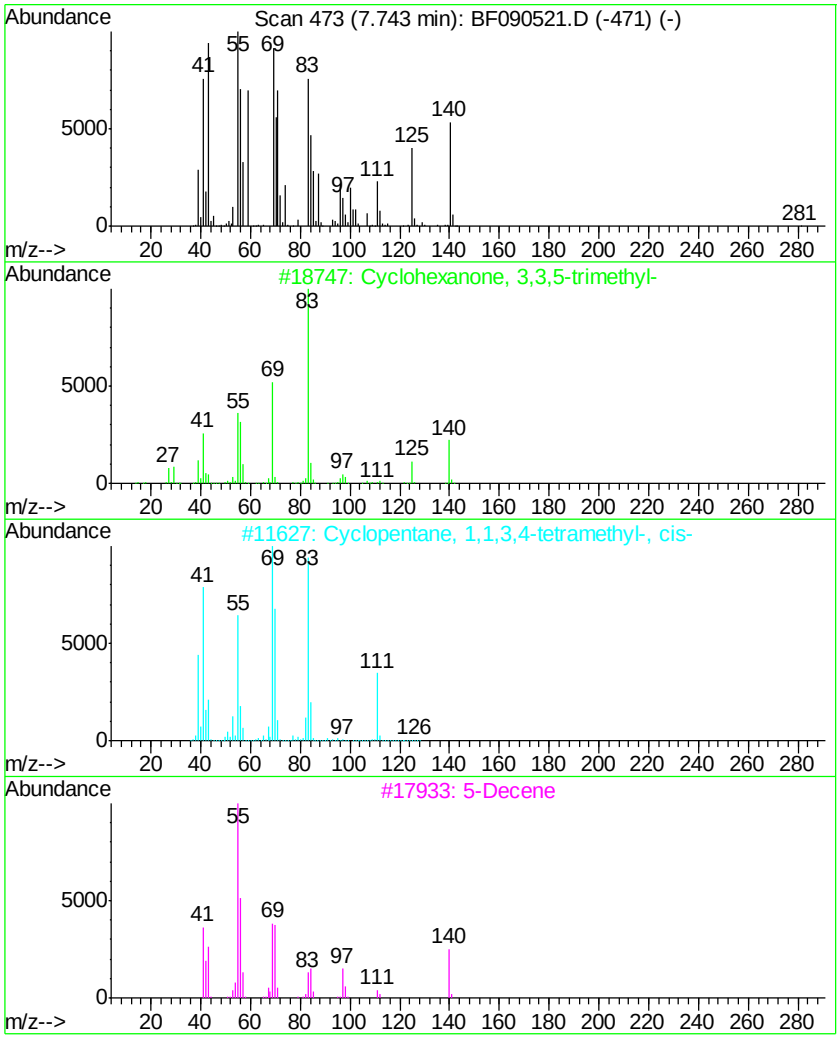
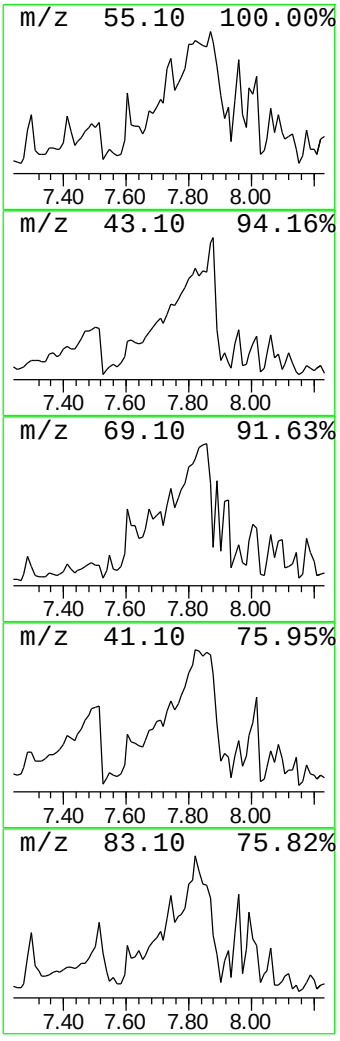
Peak Number 9 unknown7.74 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.74	33.14 ng	5017220	Naphthalene-d8	8.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	43
2	Cyclopentane, 1,1,3,4-tetramethy...	126	C9H18	053907-60-1	35
3	5-Decene	140	C10H20	019689-19-1	35
4	2-Ethoxy-2-cyclohexen-1-one	140	C8H12O2	029941-82-0	27
5	Cyclopropane, 1,1,2-trimethyl-3-...	140	C10H20	041977-43-9	27





Data Path : Z:\HPCHEM1\BNA F\DATA\BF101116\
Data File : BF090521.D
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Instrument : BNA_F
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TIC Integration Parameters: LSCINT.P

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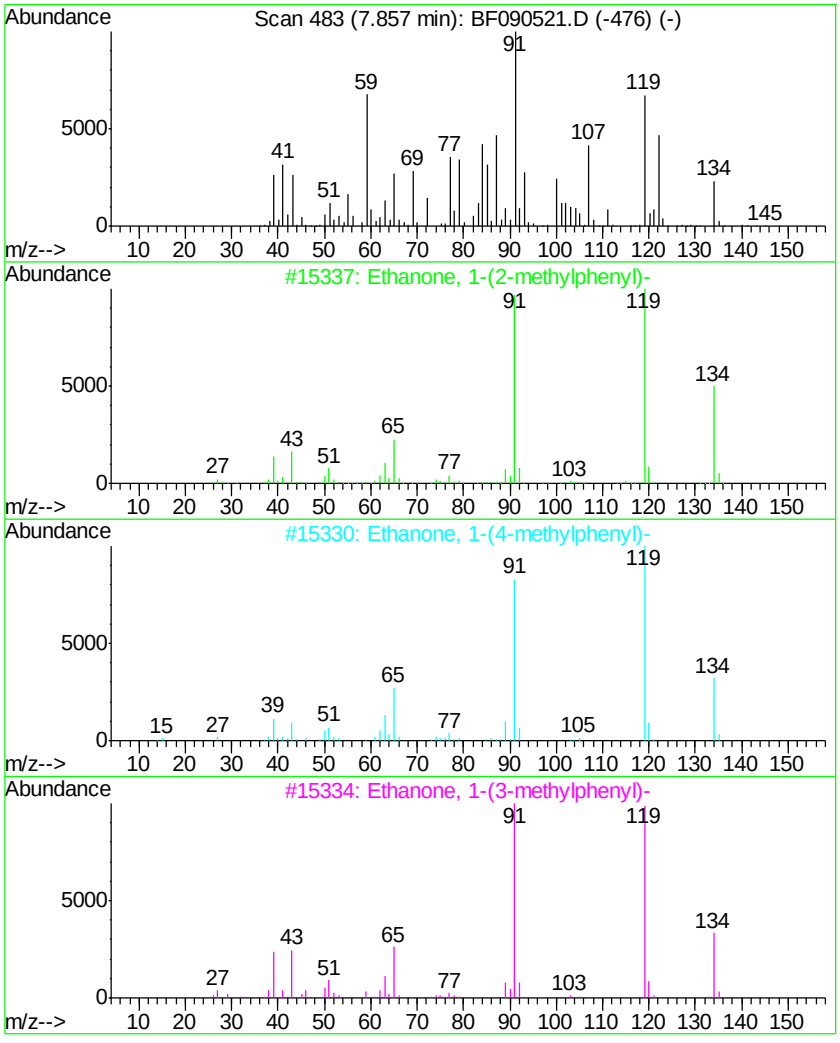
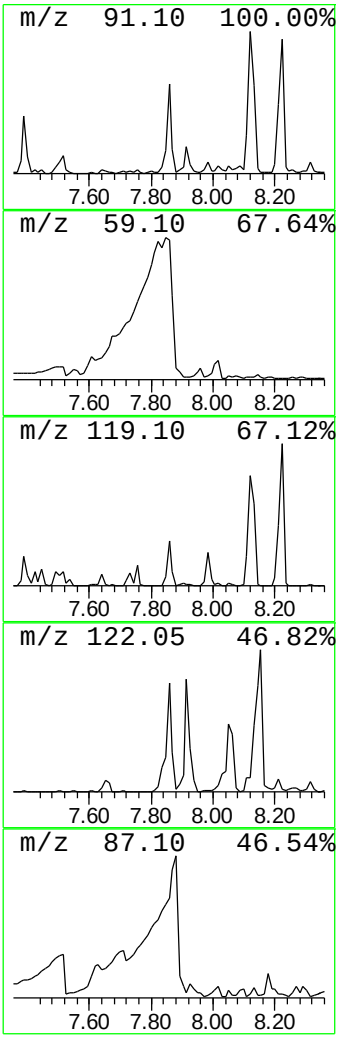
Peak Number 10 Ethanone, 1-(2-methylphenyl)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.86	182.73 ng	27665300	Naphthalene-d8	8.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-(2-methylphenyl)-	134	C9H10O	000577-16-2	53
2	Ethanone, 1-(4-methylphenyl)-	134	C9H10O	000122-00-9	25
3	Ethanone, 1-(3-methylphenyl)-	134	C9H10O	000585-74-0	25
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	15
5	o-Cymene	134	C10H14	000527-84-4	15





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Data File : BF090521.D
Acq On : 12 Oct 2016 00:02
Operator : UM/SJ
Sample : H5146-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-0615

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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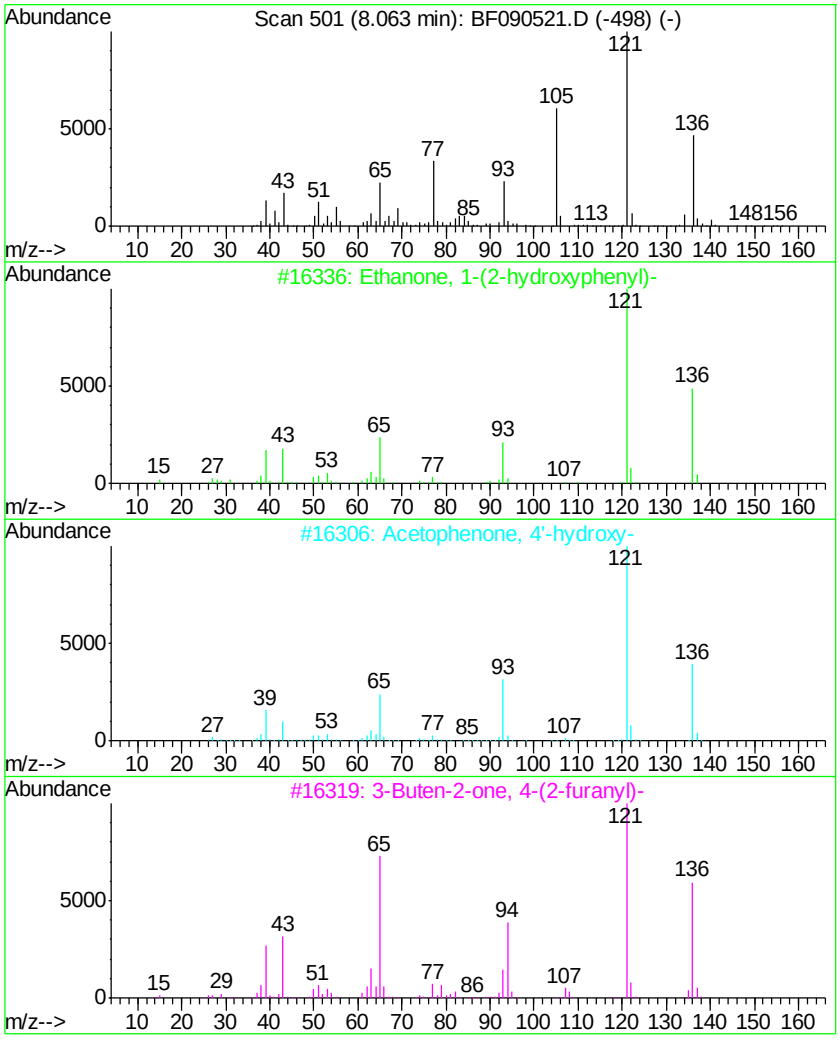
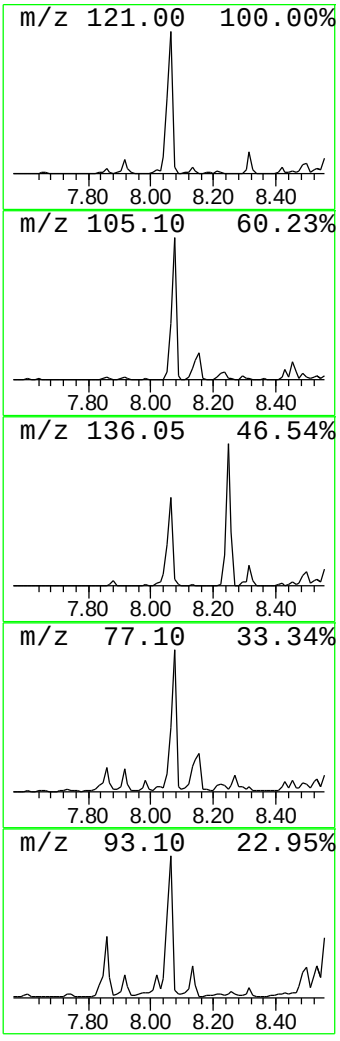
Peak Number 11 Ethanone, 1-(2-hydroxyphenyl)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.06	58.45 ng	8849570	Naphthalene-d8	8.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-(2-hydroxyphenyl)-	136	C8H8O2	000118-93-4	95
2	Acetophenone, 4'-hydroxy-	136	C8H8O2	000099-93-4	81
3	3-Buten-2-one, 4-(2-furanyl)-	136	C8H8O2	000623-15-4	53
4	Phenol, 2-ethyl-4-methyl-	136	C9H12O	003855-26-3	52
5	1-Butanone, 4-chloro-1-(4-hydrox...	198	C10H11ClO2	007150-55-2	50





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Sample : H5146-09
Misc :
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Instrument : BNA_F
ClientSampleId : S8-0615

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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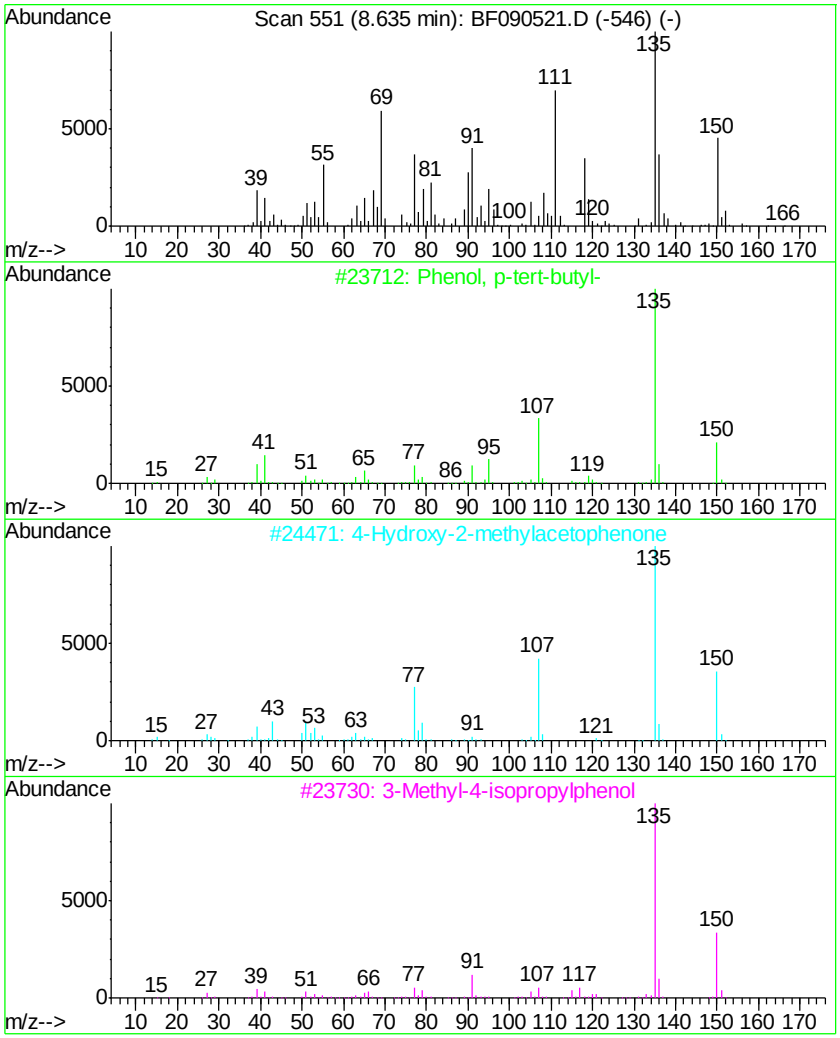
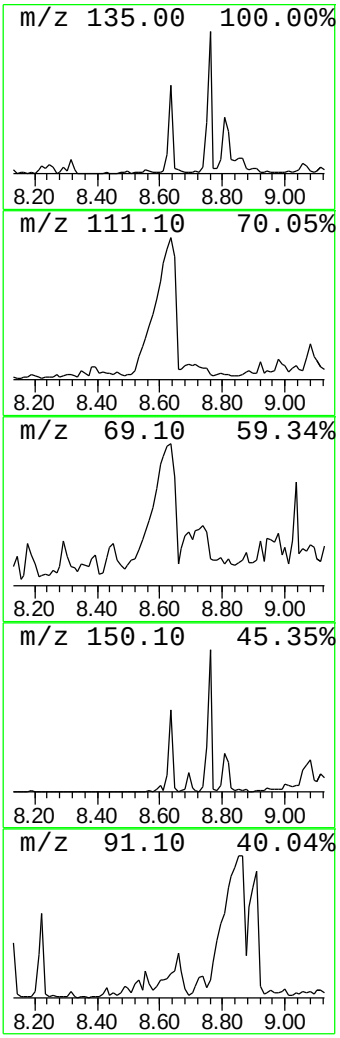
Peak Number 12 unknown8.63 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.63	40.69 ng	6160360	Naphthalene-d8	8.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	49
2	4-Hydroxy-2-methylacetophenone	150	C9H10O2	000875-59-2	45
3	3-Methyl-4-isopropylphenol	150	C10H14O	003228-02-2	45
4	4-Hydroxy-3-methylacetophenone	150	C9H10O2	000876-02-8	43
5	3-Methoxyacetophenone	150	C9H10O2	000586-37-8	43





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Sample : H5146-09
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Instrument : BNA_F
ClientSampleId : S8-0615

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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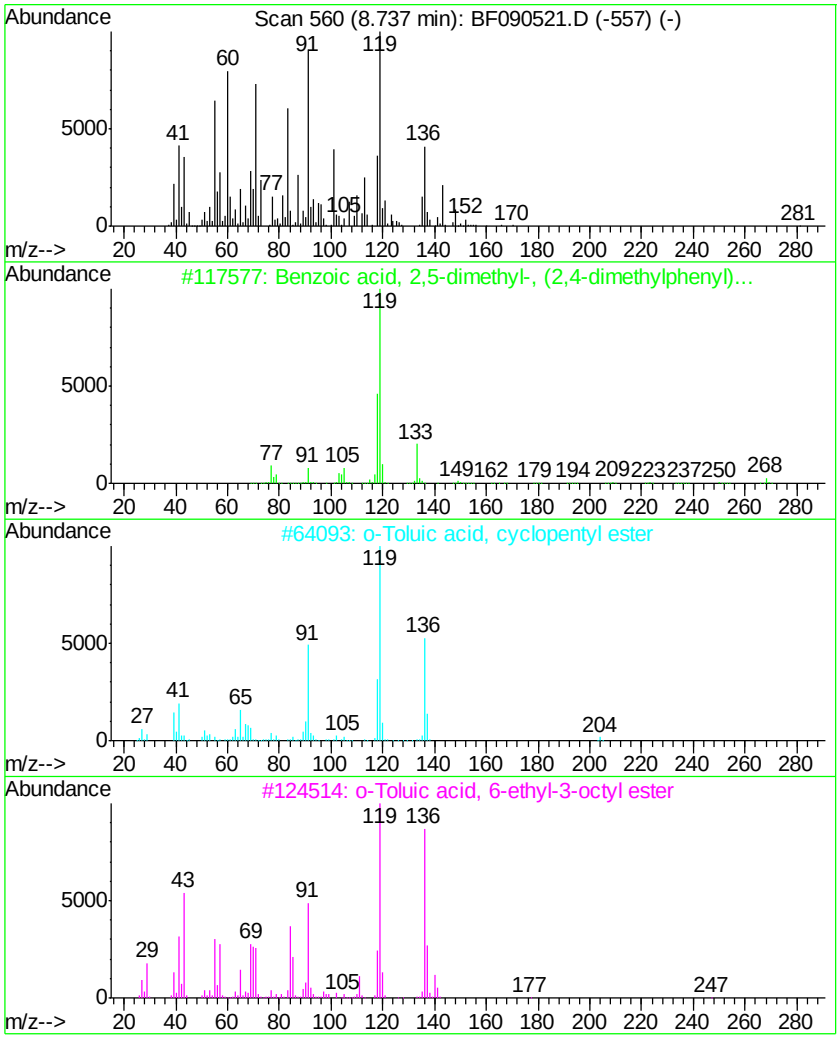
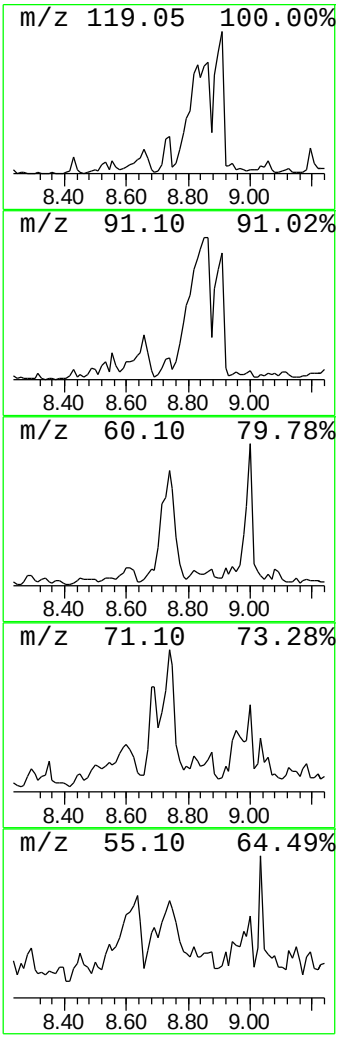
Peak Number 13 unknown8.74 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.74	31.36 ng	4747600	Naphthalene-d8	8.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 2,5-dimethyl-, (2,...	268	C18H20O2	055000-48-1	22
2	o-Toluic acid, cyclopentyl ester	204	C13H16O2	006640-83-1	14
3	o-Toluic acid, 6-ethyl-3-octyl e...	276	C18H28O2	1000293-34-9	12
4	Imidazo(1,5-a)pyrimidine	119	C6H5N3	000274-67-9	11
5	3,4-Dimethylpent-2-en-1-ol	114	C7H14O	1000195-06-9	11





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

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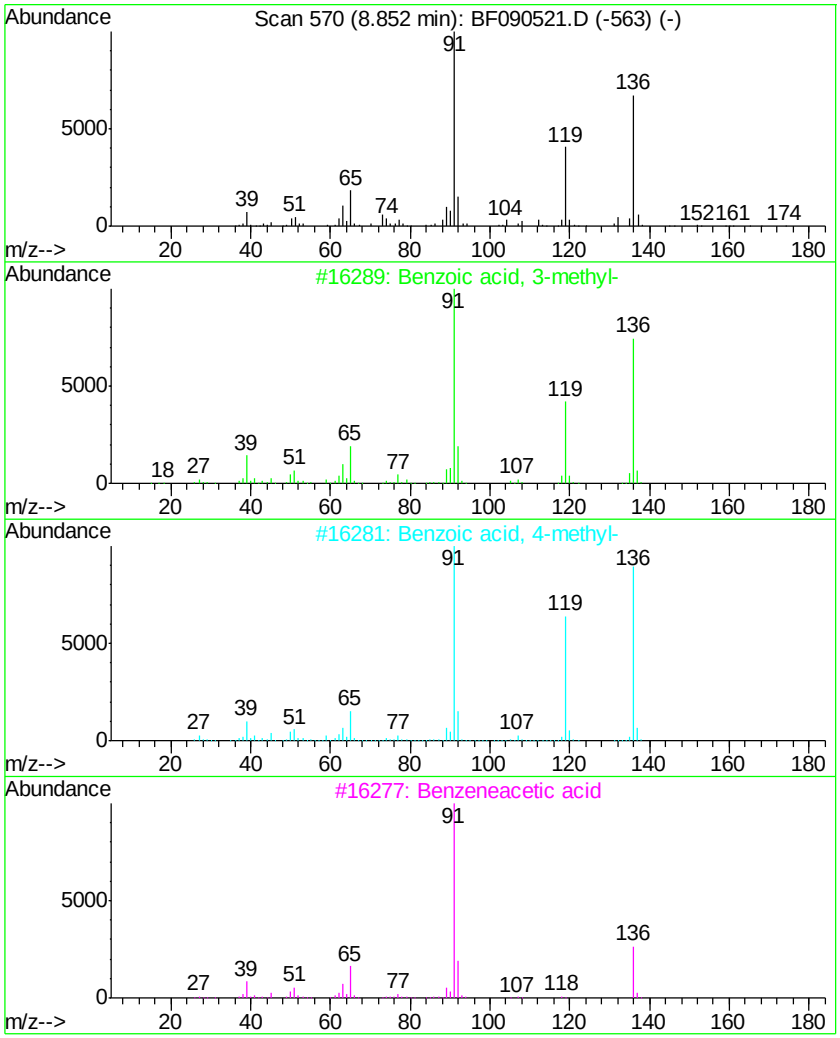
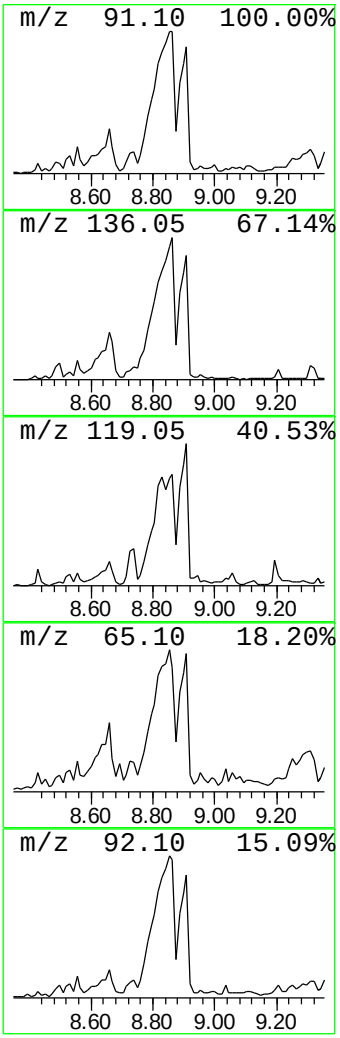
Peak Number 14 Benzoic acid, 3-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.85	71.63 ng	10844700	Naphthalene-d8	8.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 3-methyl-	136	C8H8O2	000099-04-7	96
2	Benzoic acid, 4-methyl-	136	C8H8O2	000099-94-5	90
3	Benzeneacetic acid	136	C8H8O2	000103-82-2	49
4	p-Methylbenzeneboronic acid	136	C7H9BO2	005720-05-8	46
5	m-Toluamide	135	C8H9NO	000618-47-3	35





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Sample : H5146-09
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ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-0615

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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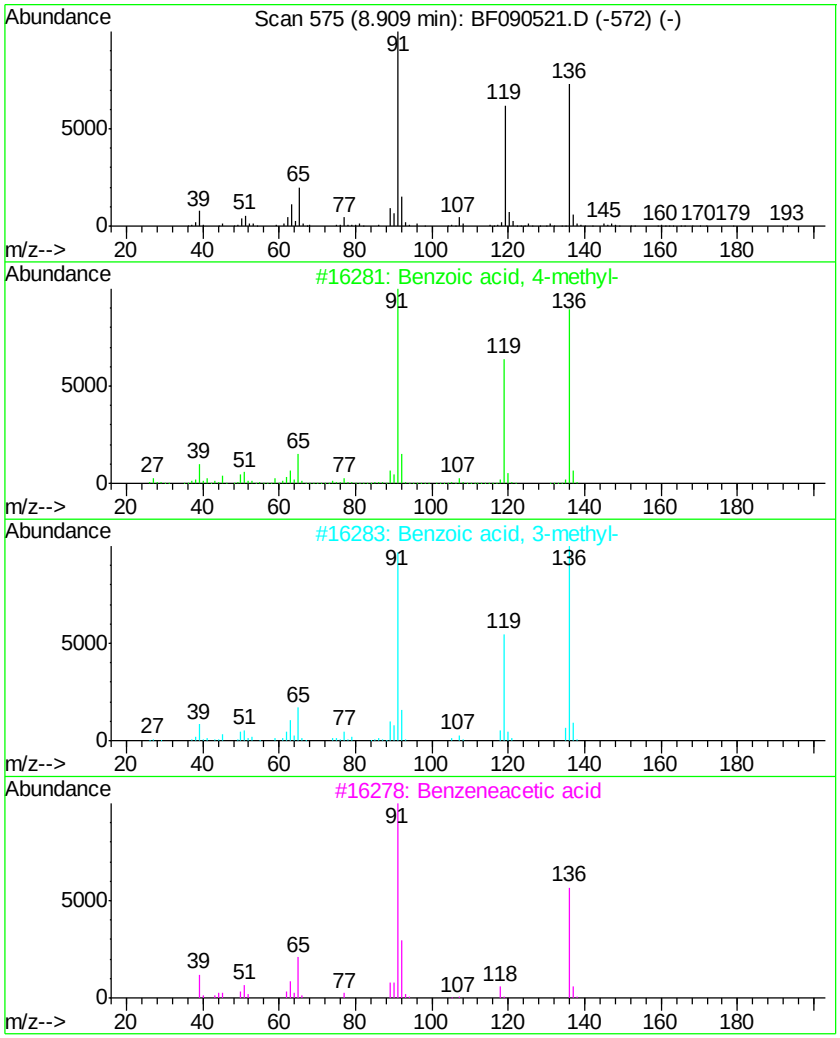
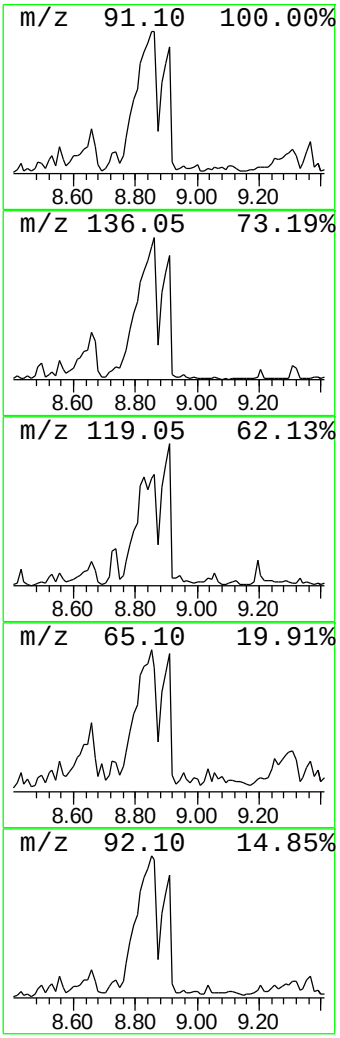
Peak Number 15 Benzoic acid, 4-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.91	32.64 ng	4942280	Naphthalene-d8	8.25

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	90
3	Benzeneacetic acid	136	C8H8O2	000103-82-2	64
4	p-Methylbenzeneboronic acid	136	C7H9BO2	005720-05-8	58
5	Benzamide, 2-amino-	136	C7H8N2O	000088-68-6	52





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Sample : H5146-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-0615

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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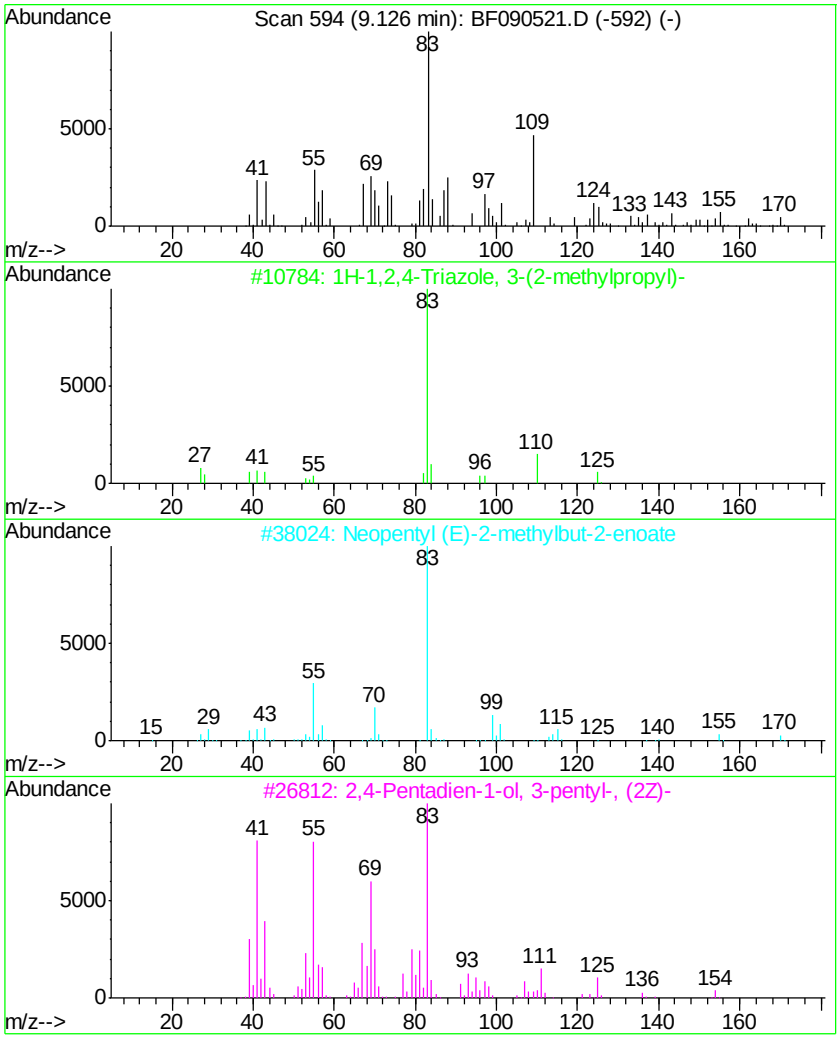
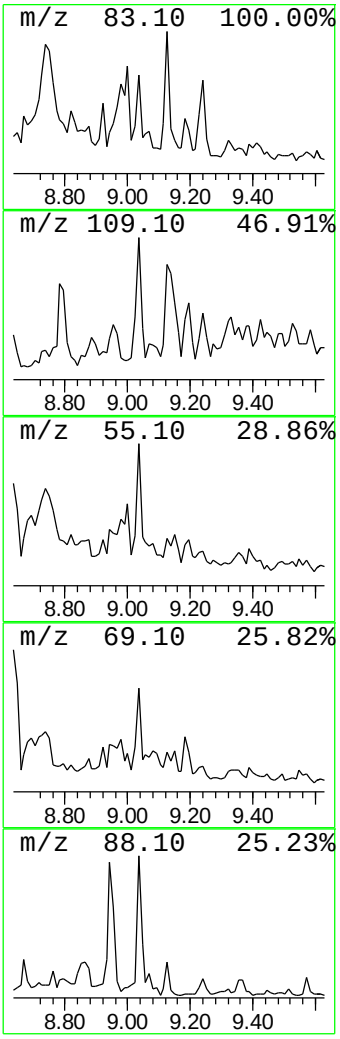
Peak Number 16 unknown9.13 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.13	25.00 ng	2191950	Acenaphthene-d10	10.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-1,2,4-Triazole, 3-(2-methylpr...	125	C6H11N3	040515-29-5	35
2	Neopentyl (E)-2-methylbut-2-enoate	170	C10H18O2	1000373-71-0	35
3	2,4-Pentadien-1-ol, 3-pentyl-, (...	154	C10H18O	1000142-19-7	30
4	3-Methyl-2-butenoic acid, 3-trid...	282	C18H34O2	1000279-25-3	27
5	Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	27





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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-0615

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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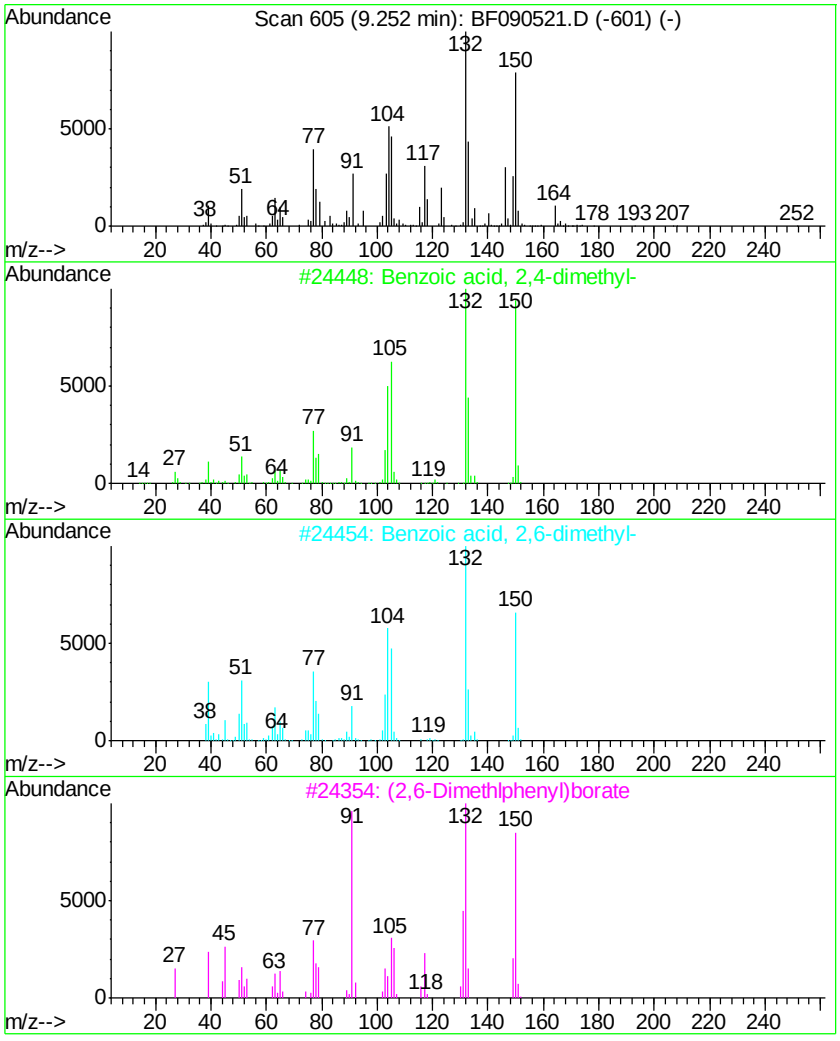
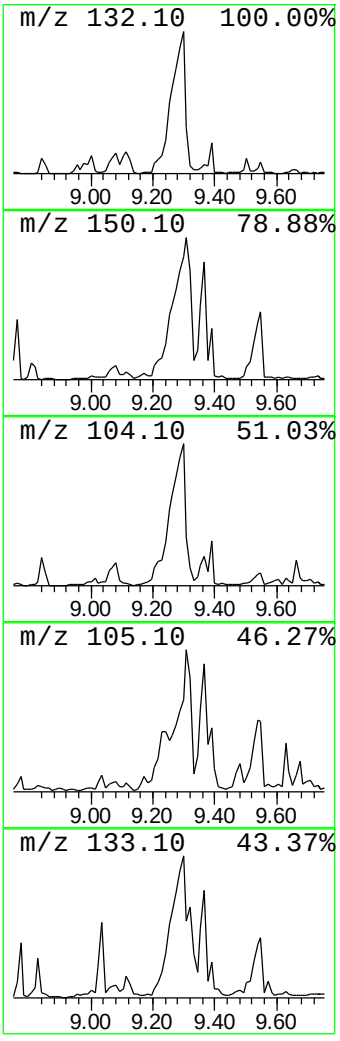
Peak Number 17 Benzoic acid, 2,4-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.25	34.74 ng	3046480	Acenaphthene-d10	10.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 2,4-dimethyl-	150	C9H10O2	000611-01-8	92
2	Benzoic acid, 2,6-dimethyl-	150	C9H10O2	000632-46-2	86
3	(2,6-Dimethlphenyl)borate	150	C8H11BO2	100379-00-8	58
4	Benzoic acid, 2,5-dimethyl-	150	C9H10O2	000610-72-0	50
5	Benzoic acid, 2,3-dimethyl-	150	C9H10O2	000603-79-2	38





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Instrument : BNA_F
ClientSampleId : S8-0615

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TIC Library : C:\DATABASE\NIST11.L
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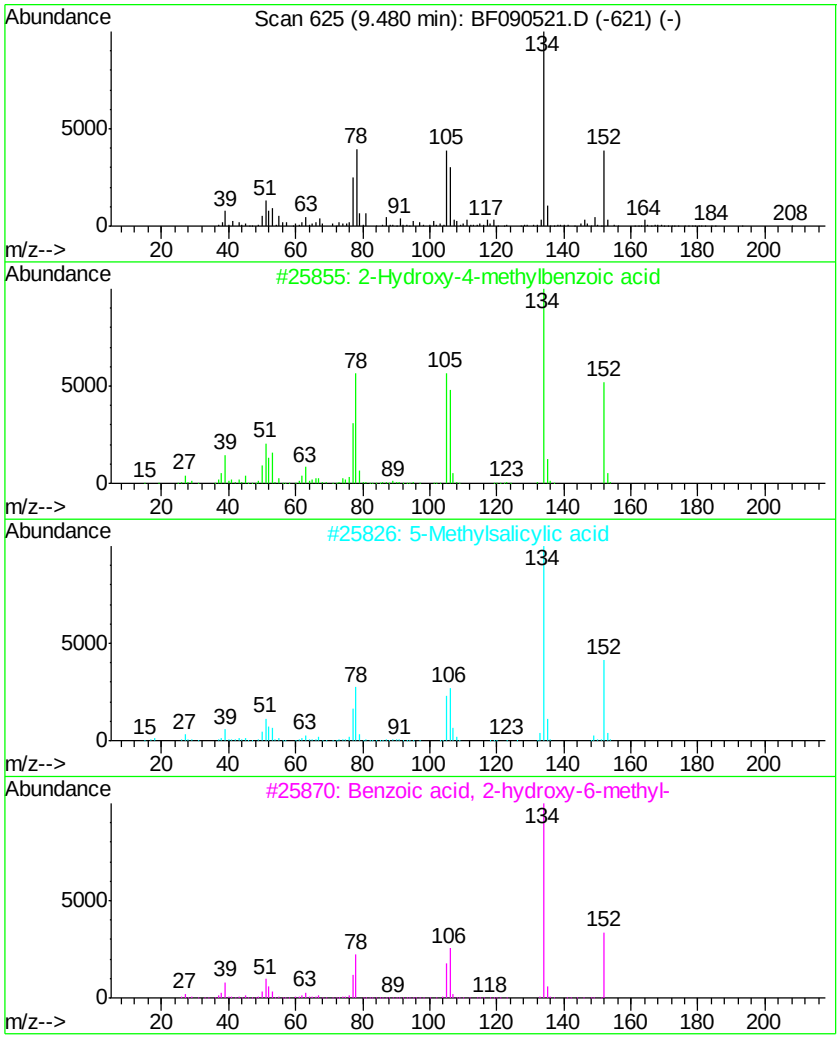
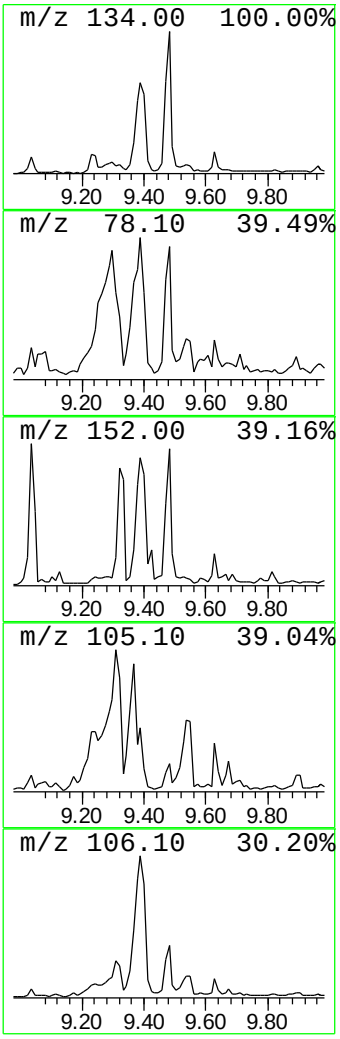
Peak Number 18 2-Hydroxy-4-methylbenzoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.48	34.75 ng	3046960	Acenaphthene-d10	10.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hydroxy-4-methylbenzoic acid	152	C8H8O3	000050-85-1	96
2	5-Methylsalicylic acid	152	C8H8O3	000089-56-5	91
3	Benzoic acid, 2-hydroxy-6-methyl-	152	C8H8O3	000567-61-3	81
4	4-Azaindol-2(3H)-one	134	C7H6N2O	032501-05-6	49
5	2,2'-Bifuran	134	C8H6O2	005905-00-0	47





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TIC Integration Parameters: LSCINT.P

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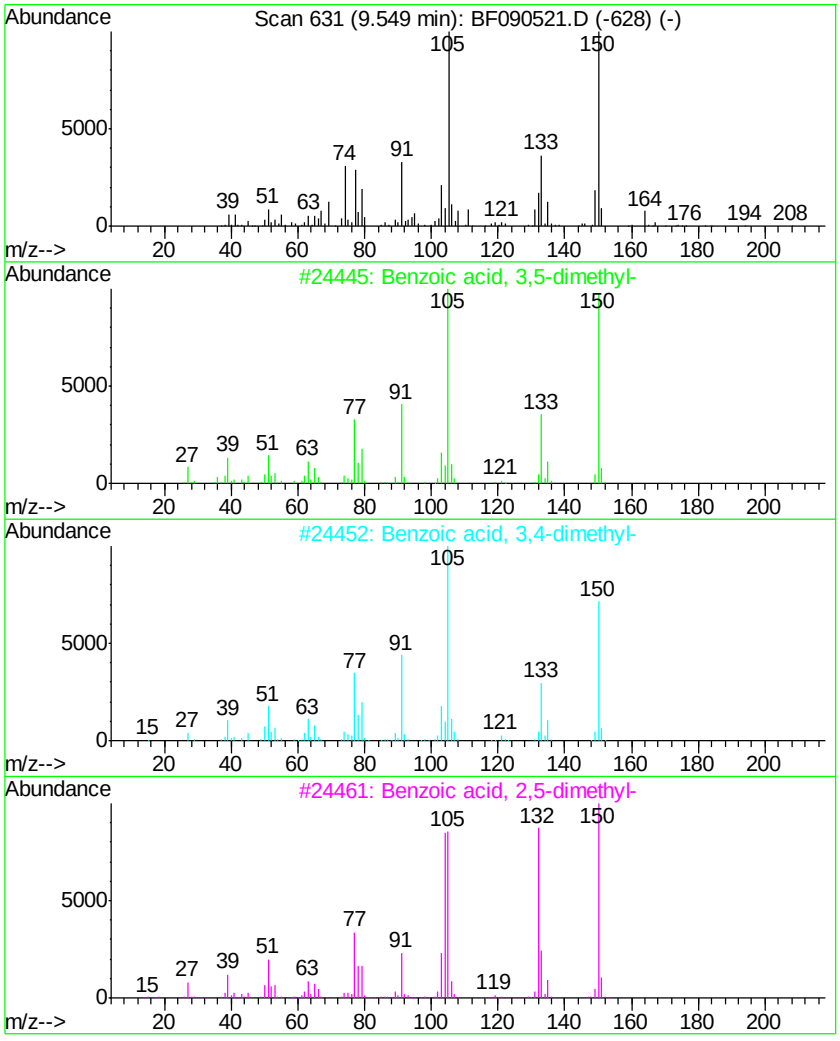
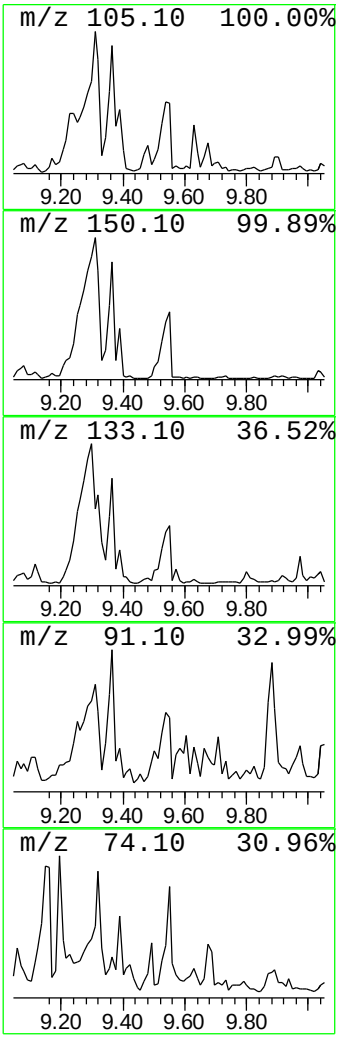
Peak Number 19 Benzoic acid, 3,5-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.55	31.69 ng	2778720	Acenaphthene-d10	10.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 3,5-dimethyl-	150	C9H10O2	000499-06-9	94
2	Benzoic acid, 3,4-dimethyl-	150	C9H10O2	000619-04-5	94
3	Benzoic acid, 2,5-dimethyl-	150	C9H10O2	000610-72-0	83
4	4-Carbamoyl-2,5-dimethylpyridine	150	C8H10N2O	007584-16-9	59
5	Benzamide, 2-(methylamino)-	150	C8H10N2O	007505-81-9	58





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Instrument : BNA_F
ClientSampleId : S8-0615

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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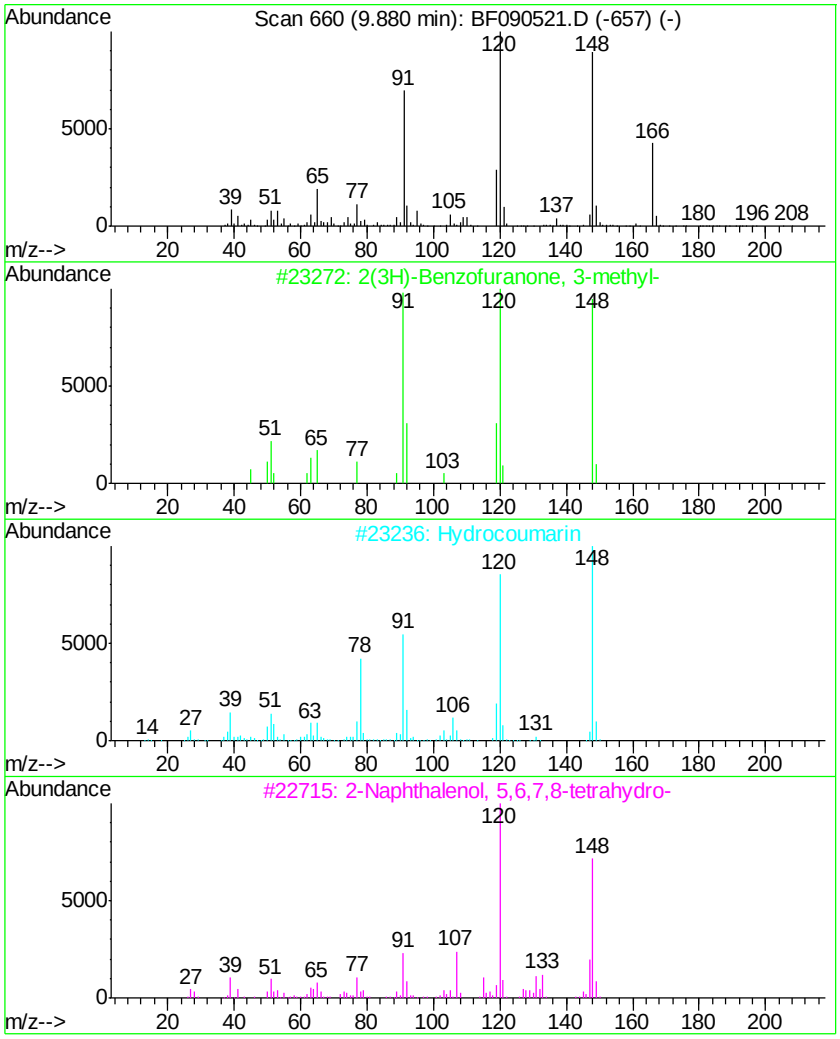
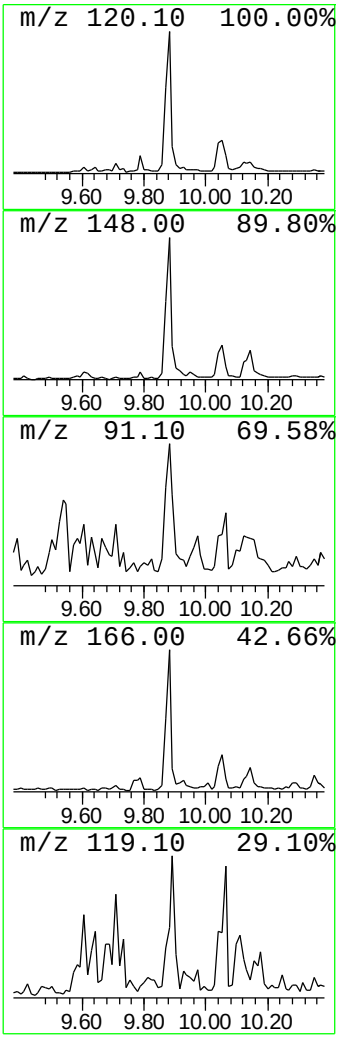
Peak Number 20 2(3H)-Benzofuranone, 3-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.88	35.90 ng	3147600	Acenaphthene-d10	10.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(3H)-Benzofuranone, 3-methyl-	148	C9H8O2	032267-71-3	70
2	Hydrocoumarin	148	C9H8O2	000119-84-6	62
3	2-Naphthalenol, 5,6,7,8-tetrahydro-	148	C10H12O	001125-78-6	53
4	dl-.beta.-Phenyllactic acid	166	C9H10O3	000828-01-3	53
5	2(3H)-Naphthalenone, 4,4a,5,6-te...	148	C10H12O	034545-87-4	53





Tentatively Identified Compound (LSC) summary

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Data File : BF090521.D
Acq On : 12 Oct 2016 00:02
Operator : UM/SJ
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, 1-ethyl-...	6.47	33.6	ng	3962600	1	6.95	2359370	20.0
unknown6.73	6.73	42.9	ng	5055380	1	6.95	2359370	20.0
Benzene, 1,2,3-tr...	6.78	51.0	ng	6011640	1	6.95	2359370	20.0
unknown7.71	7.71	35.7	ng	5408220	2	8.25	3028040	20.0
unknown7.74	7.74	33.1	ng	5017220	2	8.25	3028040	20.0
Ethanone, 1-(2-me...	7.86	182.7	ng	27665300	2	8.25	3028040	20.0
Ethanone, 1-(2-hy...	8.06	58.5	ng	8849570	2	8.25	3028040	20.0
unknown8.63	8.63	40.7	ng	6160360	2	8.25	3028040	20.0
unknown8.74	8.74	31.4	ng	4747600	2	8.25	3028040	20.0
Benzoic acid, 3-m...	8.85	71.6	ng	10844700	2	8.25	3028040	20.0
Benzoic acid, 4-m...	8.91	32.6	ng	4942280	2	8.25	3028040	20.0
unknown9.13	9.13	25.0	ng	2191950	3	10.01	1753730	20.0
Benzoic acid, 2,4...	9.25	34.7	ng	3046480	3	10.01	1753730	20.0
2-Hydroxy-4-methy...	9.48	34.8	ng	3046960	3	10.01	1753730	20.0
Benzoic acid, 3,5...	9.55	31.7	ng	2778720	3	10.01	1753730	20.0
2(3H)-Benzofurano...	9.88	35.9	ng	3147600	3	10.01	1753730	20.0