LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121816\
Data File : BF091760.D
Acq On : 19 Dec 2016 3:03
Operator : UM/SJ
Sample : H6091-06
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-19

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-BF121716.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	4.921	246	248	252	rVV2	930357	1350252	1.77%	0.257%
2	5.367	284	287	290	rVB	3134093	3391172	4.45%	0.645%
3	5.527	299	301	305	rVB2	1134553	1343927	1.77%	0.256%
4	5.642	308	311	312	rBV	767468	889028	1.17%	0.169%
5	5.802	319	325	327	rBV2	710485	1139125	1.50%	0.217%
6	5.927	330	336	338	rBV2	519935	815872	1.07%	0.155%
7	6.087	347	350	354	rBV2	332042	777289	1.02%	0.148%
8	6.167	354	357	359	rBV2	503083	894958	1.18%	0.170%
9	6.224	359	362	364	rVB	910074	1100504	1.45%	0.209%
10	6.259	364	365	370	rBV	738823	1043084	1.37%	0.198%
11	6.407	376	378	379	rBV2	1189600	1514613	1.99%	0.288%
12	6.430	379	380	382	rVB	795752	1024721	1.35%	0.195%
13	6.544	385	390	393	rBV	4918556	6662090	8.75%	1.268%
14	6.647	397	399	402	rBV	782696	824066	1.08%	0.157%
15	6.727	404	406	407	rBV	750305	907633	1.19%	0.173%
16	6.762	407	409	414	rVB4	2072827	4316241	5.67%	0.821%
17	6.853	415	417	421	rVB2	956650	1987681	2.61%	0.378%
18	6.922	421	423	427	rBV3	4722997	8679501	11.40%	1.651%
19	7.025	430	432	434	rVB	1256227	1183810	1.56%	0.225%
20	7.116	434	440	443	rVB4	1746073	3915373	5.14%	0.745%
21	7.185	443	446	447	rBV2	578828	1068578	1.40%	0.203%
22	7.299	452	456	458	rBV	3298770	7952083	10.45%	1.513%
23	7.345	458	460	462	rVB	3417210	3219710	4.23%	0.613%
24	7.413	464	466	468	rVB2	1860241	3112297	4.09%	0.592%
25	7.459	468	470	471	rBV	1561131	1401025	1.84%	0.267%
26	7.493	471	473	474	rBV2	547224	763318	1.00%	0.145%
27	7.550	475	478	480	rBV	2791375	3493124	4.59%	0.665%
28	7.630	482	485	486	rBV3	615186	1142228	1.50%	0.217%
29	7.676	487	489	490	rBV2	643279	772324	1.01%	0.147%
30	7.722	490	493	497	rVB5	1996122	6014940	7.90%	1.144%
31	7.802	497	500	504	rVB4	5257000	9675238	12.71%	1.841%
32	7.893	504	508	510	rBV3	3447698	7654508	10.05%	1.456%
33	7.950	510	513	516	rVB2	4932656	10147017	13.33%	1.931%
34	8.030	516	520	521	rBV	3015268	7167933	9.42%	1.364%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121816\
Data File : BF091760.D
Acq On : 19 Dec 2016 3:03
Operator : UM/SJ
Sample : H6091-06
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-19

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-BF121716.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.065	521	523	526	rVB4	3459142	7487633	9.84%	1.425%
36	8.225	530	537	540	rBV6	3618519	14700192	19.31%	2.797%
37	8.282	540	542	543	rVB	719769	794659	1.04%	0.151%
38	8.316	543	545	549	rVB4	4019465	5981965	7.86%	1.138%
39	8.419	549	554	556	rBV3	2866846	8783483	11.54%	1.671%
40	8.488	558	560	562	rBV2	1134780	1835293	2.41%	0.349%
41	8.533	562	564	569	rVB5	2254226	6804187	8.94%	1.295%
42	8.602	569	570	572	rBV2	1020121	1544679	2.03%	0.294%
43	8.670	572	576	577	rBV3	2221514	4652059	6.11%	0.885%
44	8.705	577	579	582	rVB3	2832042	6047135	7.94%	1.151%
45	8.762	582	584	586	rBV2	1380019	2332979	3.06%	0.444%
46	8.808	586	588	589	rVB2	1248804	1285995	1.69%	0.245%
47	8.853	589	592	593	rVB2	2250812	2368757	3.11%	0.451%
48	8.888	593	595	598	rBV3	4077032	5494887	7.22%	1.046%
49	8.945	598	600	601	rBV	1194066	1954542	2.57%	0.372%
50	8.979	601	603	605	rBV2	818132	1270645	1.67%	0.242%
51	9.070	605	611	612	rBV5	3198551	10455308	13.73%	1.989%
52	9.139	615	617	622	rVB3	3759320	8746580	11.49%	1.664%
53	9.333	632	634	637	rVB3	2439326	4830242	6.34%	0.919%
54	9.390	637	639	642	rBV4	1439403	3505450	4.60%	0.667%
55	9.539	650	652	654	rBV2	1153323	2025346	2.66%	0.385%
56	9.596	654	657	659	rBV3	2430825	5002502	6.57%	0.952%
57	9.813	675	676	677	rBV	1251485	1254727	1.65%	0.239%
58	9.893	681	683	687	rBV4	1552857	4099261	5.38%	0.780%
59	10.031	687	695	698	rBV	4623090	23538580	30.92%	4.479%
60	10.476	714	734	735	rBV3	7365366	76128000	100.00%	14.485%
61	10.591	742	744	747	rBV3	3323011	7834046	10.29%	1.491%
62	10.648	747	749	753	rVB3	5441143	13398830	17.60%	2.549%
63	10.751	753	758	759	rBV5	2200785	5143936	6.76%	0.979%
64	10.796	759	762	765	rBV3	3328924	12136677	15.94%	2.309%
65	10.853	765	767	770	rVV3	4782677	9302473	12.22%	1.770%
66	10.911	770	772	775	rVB3	4148017	7130195	9.37%	1.357%
67	10.968	775	777	778	rBV2	1241320	1592981	2.09%	0.303%
68	11.036	781	783	784	rBV2	989608	1649168	2.17%	0.314%
69	11.059	784	785	791	rVB2	2203450	4497206	5.91%	0.856%
70	11.185	791	796	800	rBV3	4728075	15405462	20.24%	2.931%
71	11.425	805	817	821	rBV2	7861267	39860462	52.36%	7.584%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121816\
Data File : BF091760.D
Acq On : 19 Dec 2016 3:03
Operator : UM/SJ
Sample : H6091-06
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-19

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-BF121716.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	11.562	825	829	833	rVB	4829333	9785236	12.85%	1.862%
73	11.825	844	852	855	rBV	6708237	25601065	33.63%	4.871%
74	12.145	873	880	887	rBV2	5473075	20489934	26.92%	3.899%
75	12.294	887	893	895	rVV	6676376	16849984	22.13%	3.206%
76	12.362	898	899	901	rVV	632763	767746	1.01%	0.146%
77	12.419	902	904	907	rVV	1042052	1565969	2.06%	0.298%
78	12.476	907	909	914	rVV2	713561	1444855	1.90%	0.275%
79	12.557	914	916	921	rVV	722708	1251391	1.64%	0.238%
80	12.648	921	924	927	rVV	1004387	1241564	1.63%	0.236%
81	12.717	928	930	935	rVB2	692892	981711	1.29%	0.187%
82	12.888	942	945	948	rBV	3811197	4911737	6.45%	0.935%
83	13.928	1033	1036	1039	rVB	1205615	1338437	1.76%	0.255%
84	15.322	1155	1158	1160	rBV	900211	1103235	1.45%	0.210%

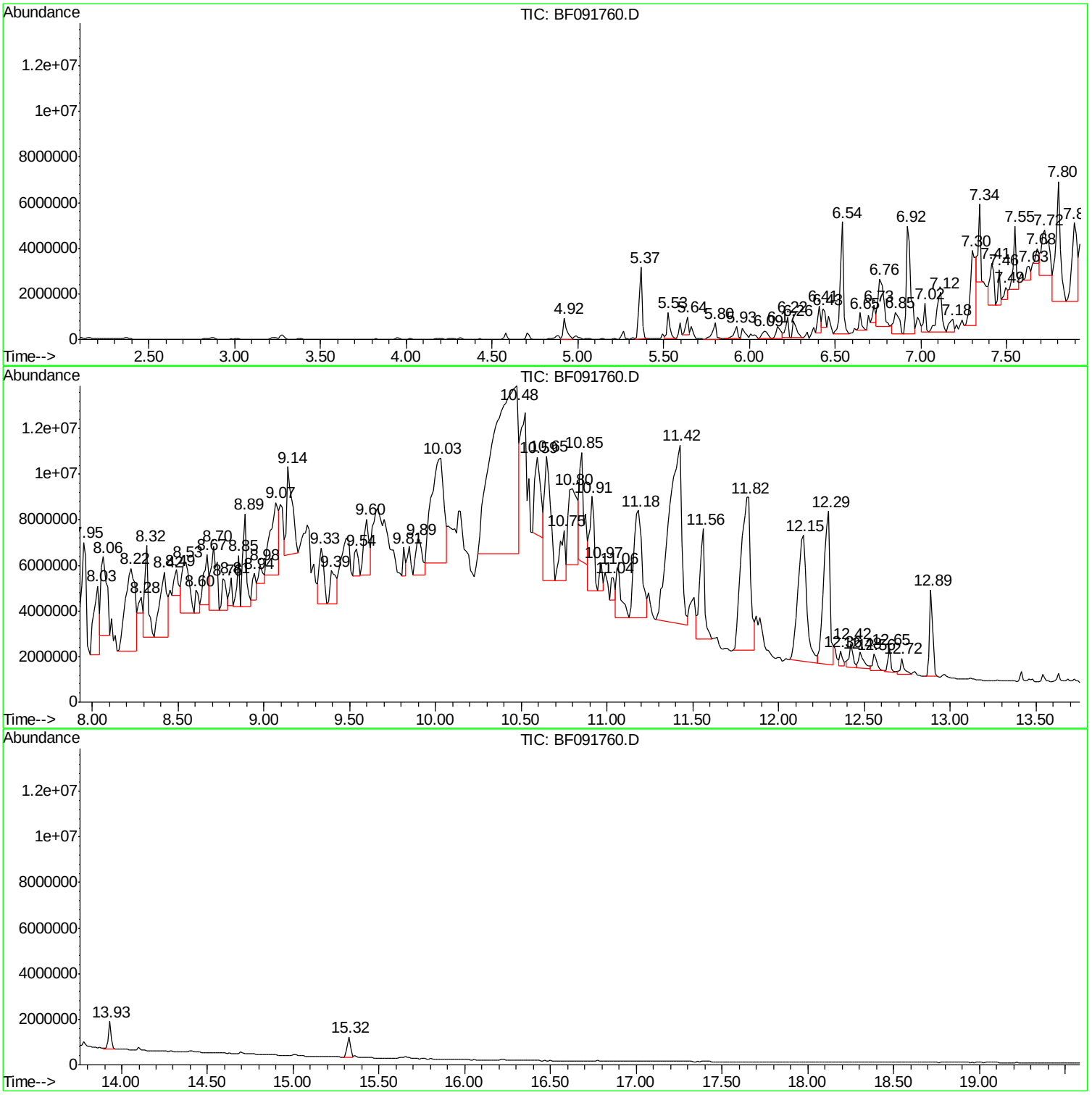
Sum of corrected areas: 525554649

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121816\
Data File : BF091760.D
Acq On : 19 Dec 2016 3:03
Operator : UM/SJ
Sample : H6091-06
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-19

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121716.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\BF121816\
Data File : BF091760.D
Acq On : 19 Dec 2016 3:03
Operator : UM/SJ
Sample : H6091-06
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-19

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121716.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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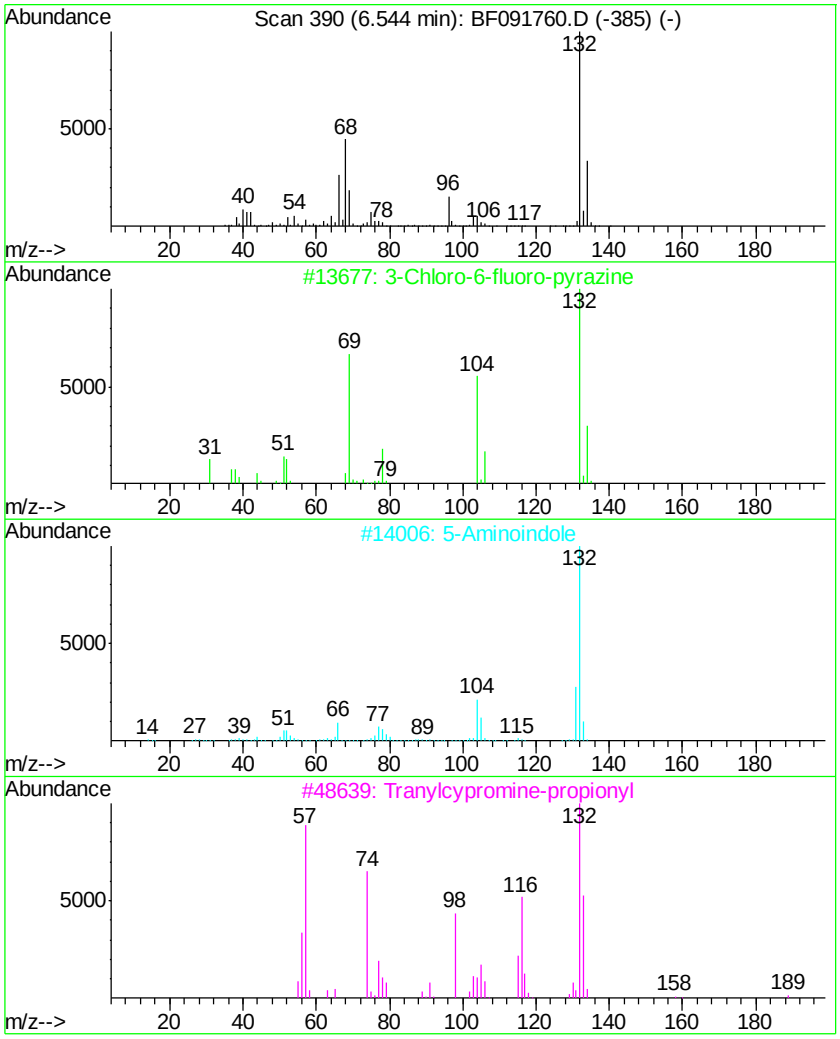
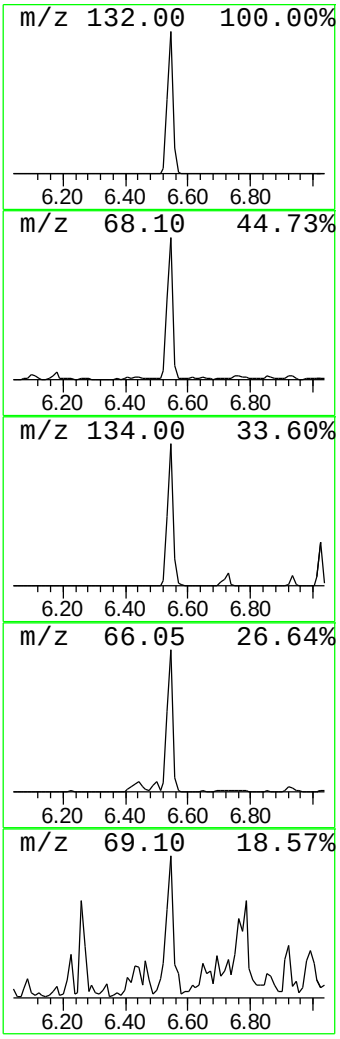
Peak Number 1 unknown6.54 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.54	30.87 ng	6662090	1,4-Dichlorobenzene-d4	6.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF121816\
Data File : BF091760.D
Acq On : 19 Dec 2016 3:03
Operator : UM/SJ
Sample : H6091-06
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-19

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

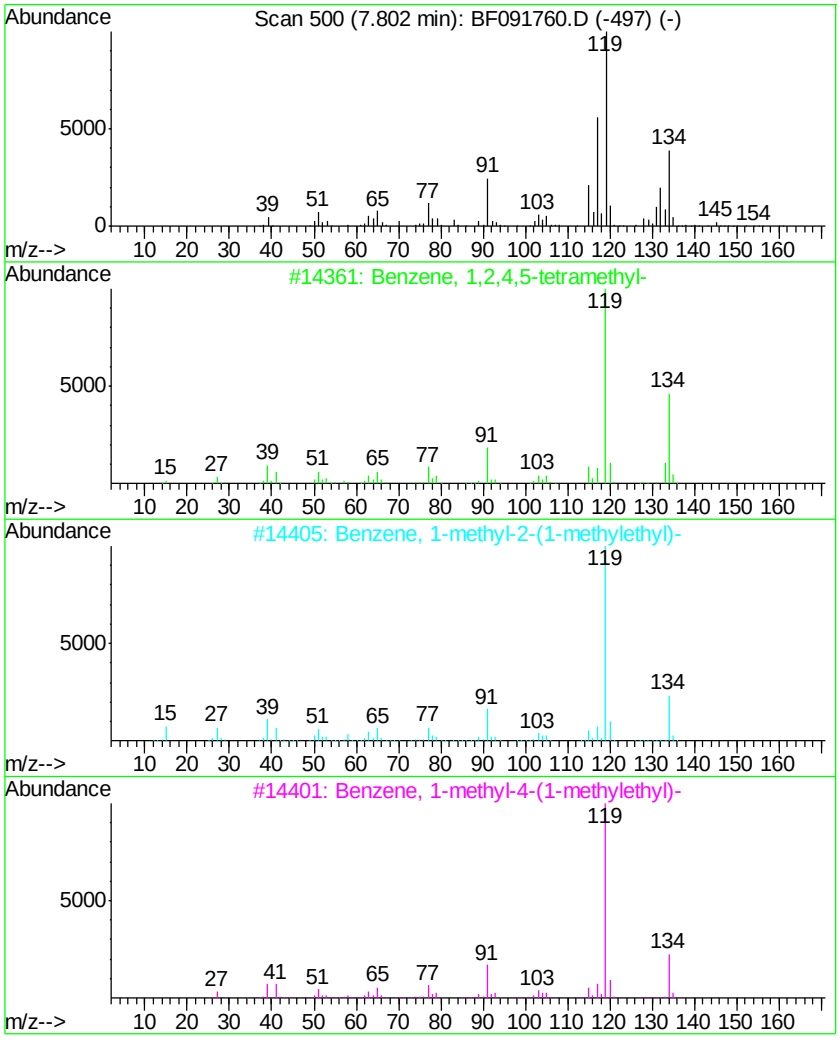
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

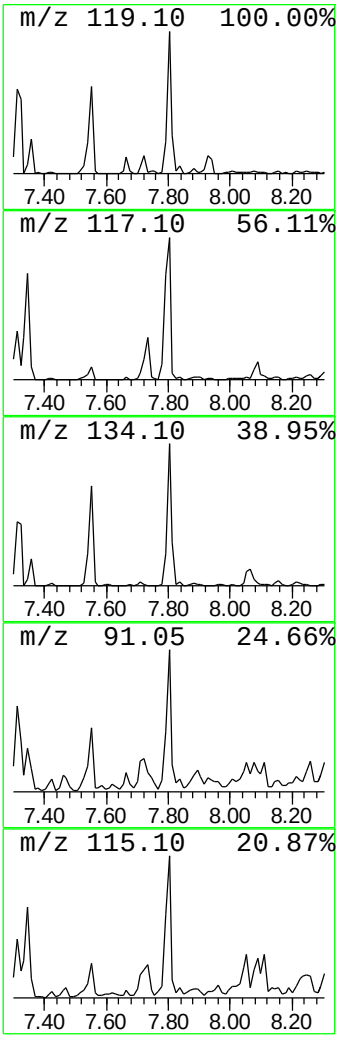
****

Peak Number 3 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.80	25.84 ng	9675240	Naphthalene-d8	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	60
2	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	60
3	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	60
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	60
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	60





Data Path : Z:\HPCHEM1\BNA F\DATA\BF121816\
Data File : BF091760.D
Acq On : 19 Dec 2016 3:03
Operator : UM/SJ
Sample : H6091-06
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-19

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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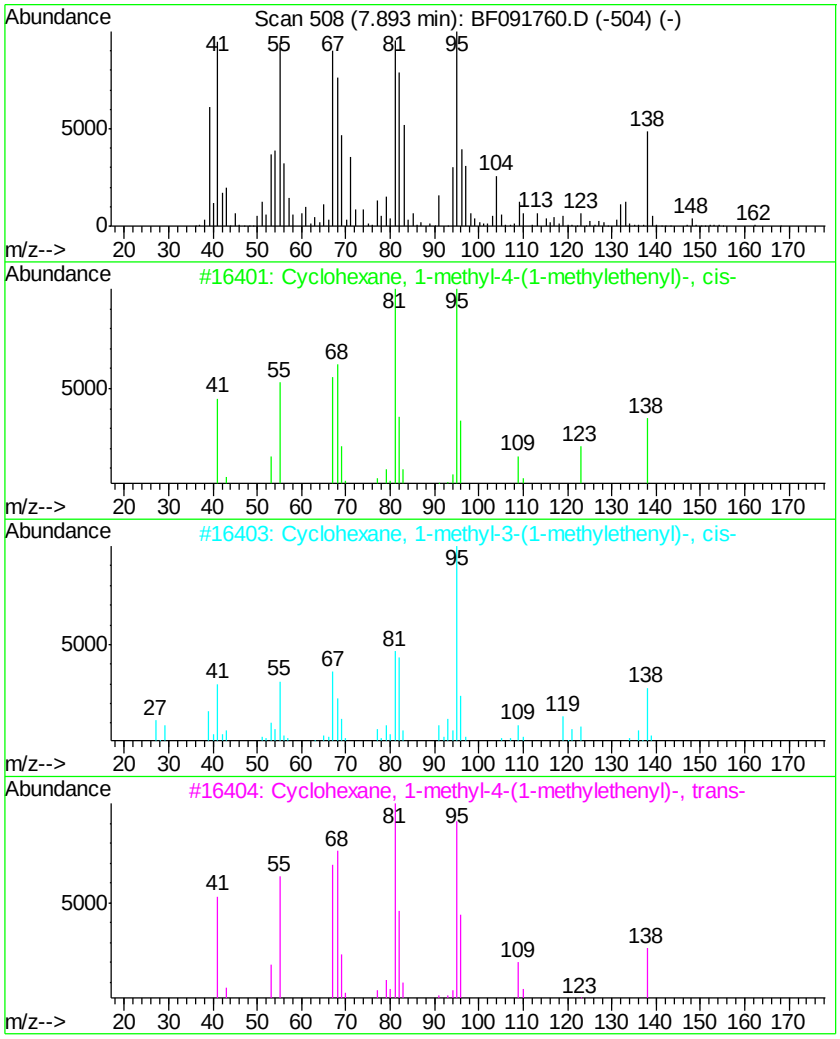
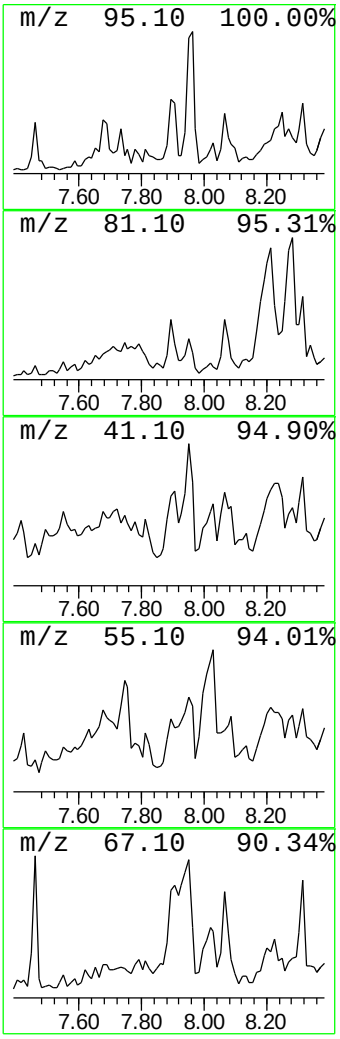
Peak Number 4 Cyclohexane, 1-methyl-4-(1-... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.89	20.45 ng	7654510	Naphthalene-d8	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-methyl-4-(1-methy...	138	C10H18	001879-07-8	89
2	Cyclohexane, 1-methyl-3-(1-methy...	138	C10H18	024399-15-3	87
3	Cyclohexane, 1-methyl-4-(1-methy...	138	C10H18	001124-25-0	81
4	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	49
5	Cyclohexene, 1-butyl-	138	C10H18	003282-53-9	49





Data Path : Z:\HPCHEM1\BNA F\DATA\BF121816\
Data File : BF091760.D
Acq On : 19 Dec 2016 3:03
Operator : UM/SJ
Sample : H6091-06
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-19

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121716.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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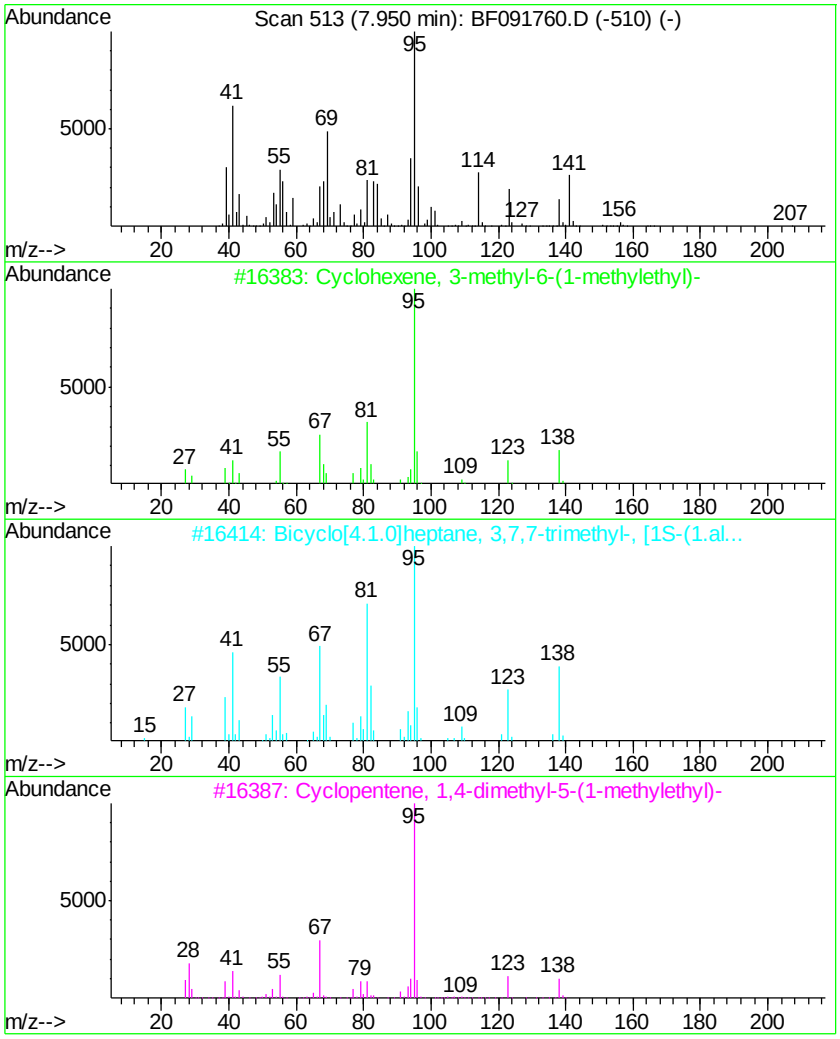
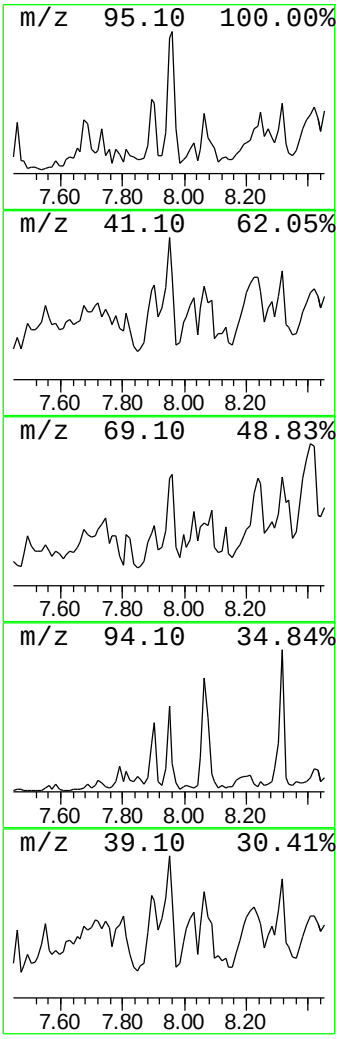
Peak Number 5 unknown7.95 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.95	27.10 ng	10147000	Naphthalene-d8	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 3-methyl-6-(1-methy...	138	C10H18	005256-65-5	43
2	Bicyclo[4.1.0]heptane, 3,7,7-tri...	138	C10H18	002778-68-9	43
3	Cyclopentene, 1,4-dimethyl-5-(1-...	138	C10H18	061142-33-4	38
4	Cyclohexene, 4-methyl-1-(1-methy...	138	C10H18	000500-00-5	37
5	Nona-3,5-dien-2-one	138	C9H14O	080387-31-1	35





Data Path : Z:\HPCHEM1\BNA F\DATA\BF121816\
Data File : BF091760.D
Acq On : 19 Dec 2016 3:03
Operator : UM/SJ
Sample : H6091-06
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-19

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121716.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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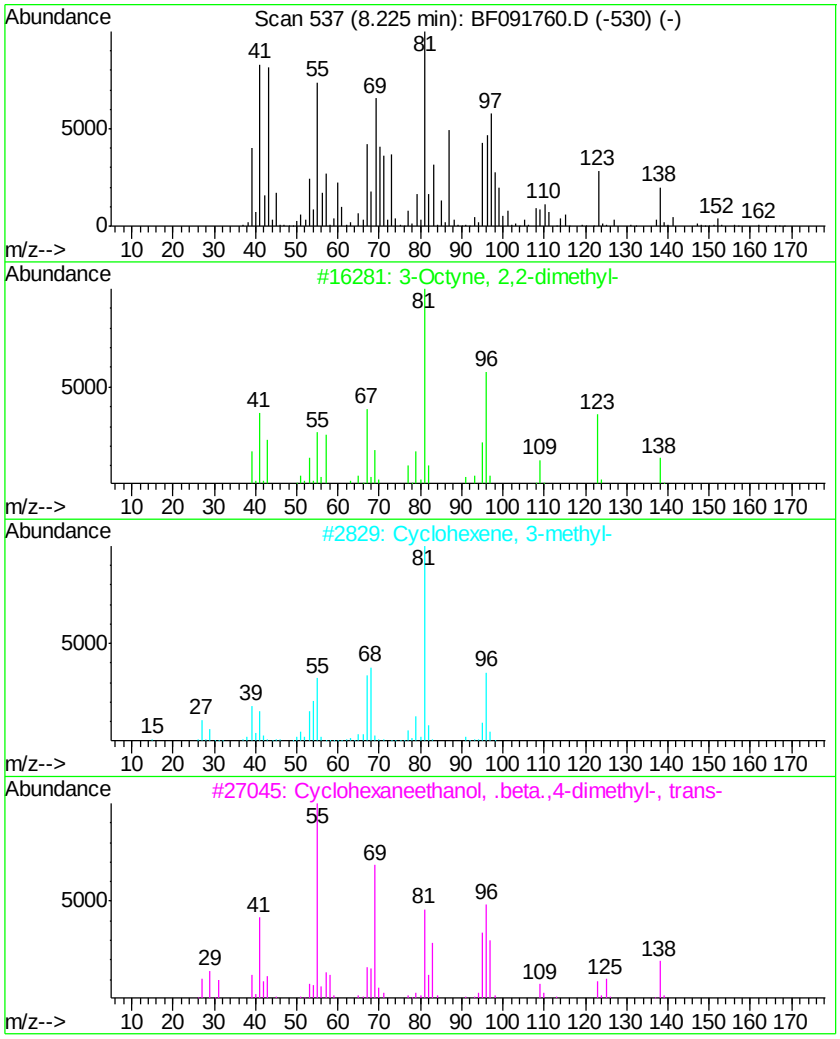
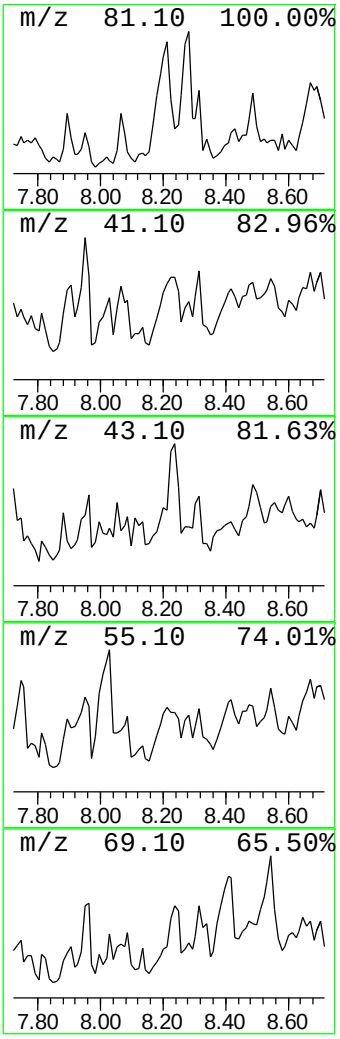
Peak Number 6 unknown8.22 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.22	39.27 ng	14700200	Naphthalene-d8	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Octyne, 2,2-dimethyl-	138	C10H18	019482-57-6	41
2	Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	30
3	Cyclohexaneethanol, .beta.,4-dim...	156	C10H20O	005113-94-0	27
4	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	25
5	Cyclobutane, (1-methylethylidene)-	96	C7H12	001528-22-9	25





Data Path : Z:\HPCHEM1\BNA F\DATA\BF121816\
Data File : BF091760.D
Acq On : 19 Dec 2016 3:03
Operator : UM/SJ
Sample : H6091-06
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-19

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121716.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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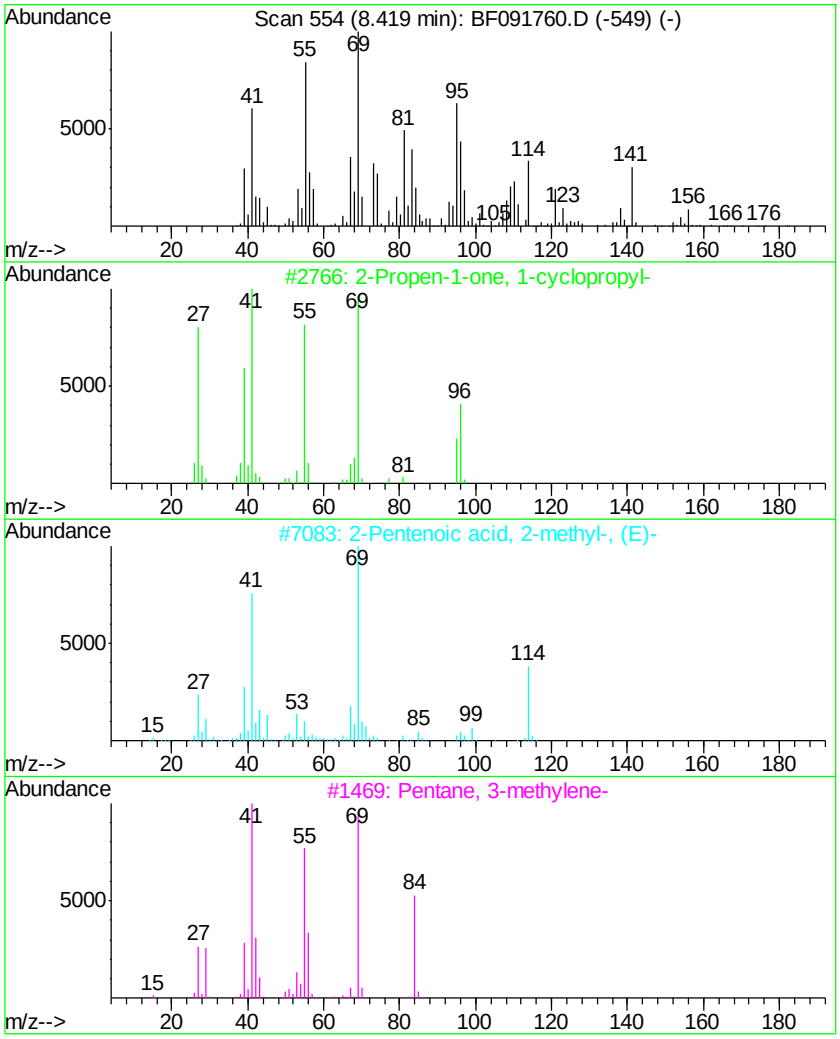
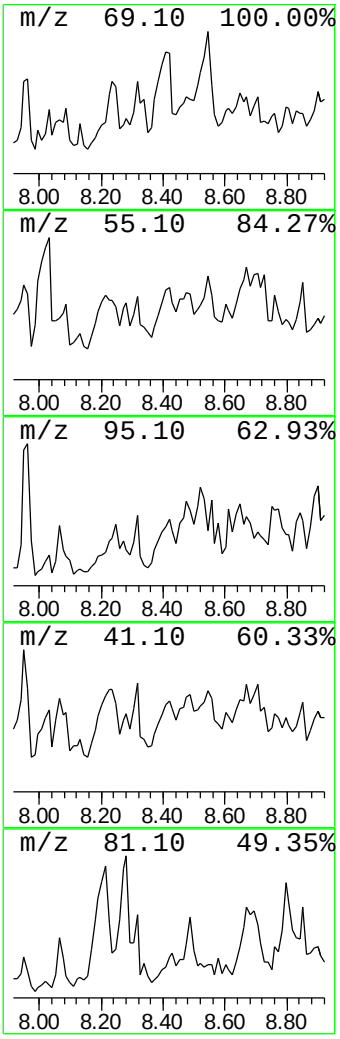
Peak Number 7 unknown8.42 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.42	23.46 ng	8783480	Naphthalene-d8	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propen-1-one, 1-cyclopropyl-	96	C6H8O	059819-62-4	27
2	2-Pentenoic acid, 2-methyl-, (E)-	114	C6H10O2	016957-70-3	18
3	Pentane, 3-methylene-	84	C6H12	000760-21-4	18
4	2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	18
5	2-Pentenoic acid, 2-methyl-	114	C6H10O2	003142-72-1	18





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Acq On : 19 Dec 2016 3:03
Operator : UM/SJ
Sample : H6091-06
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-19

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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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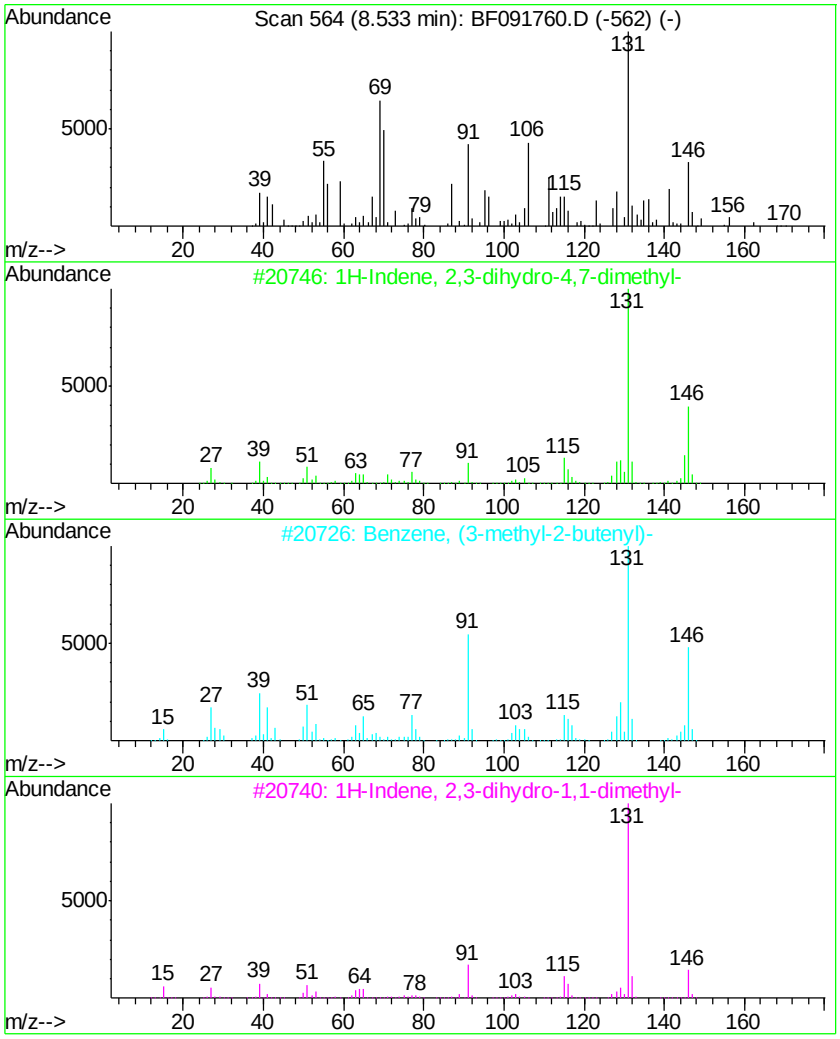
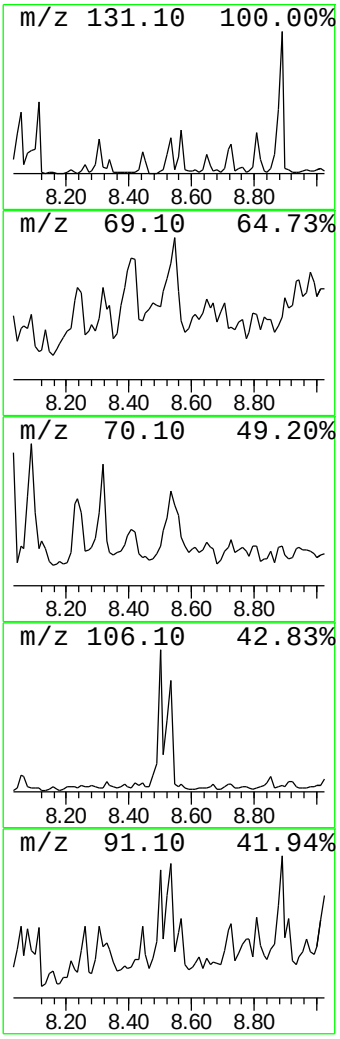
Peak Number 8 unknown8.53 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.53	18.17 ng	6804190	Naphthalene-d8	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	30
2	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	30
3	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	25
4	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	25
5	Benzene, 1-methyl-3-(1-methyl-2-...	146	C11H14	052161-57-6	25





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Sample : H6091-06
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ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-19

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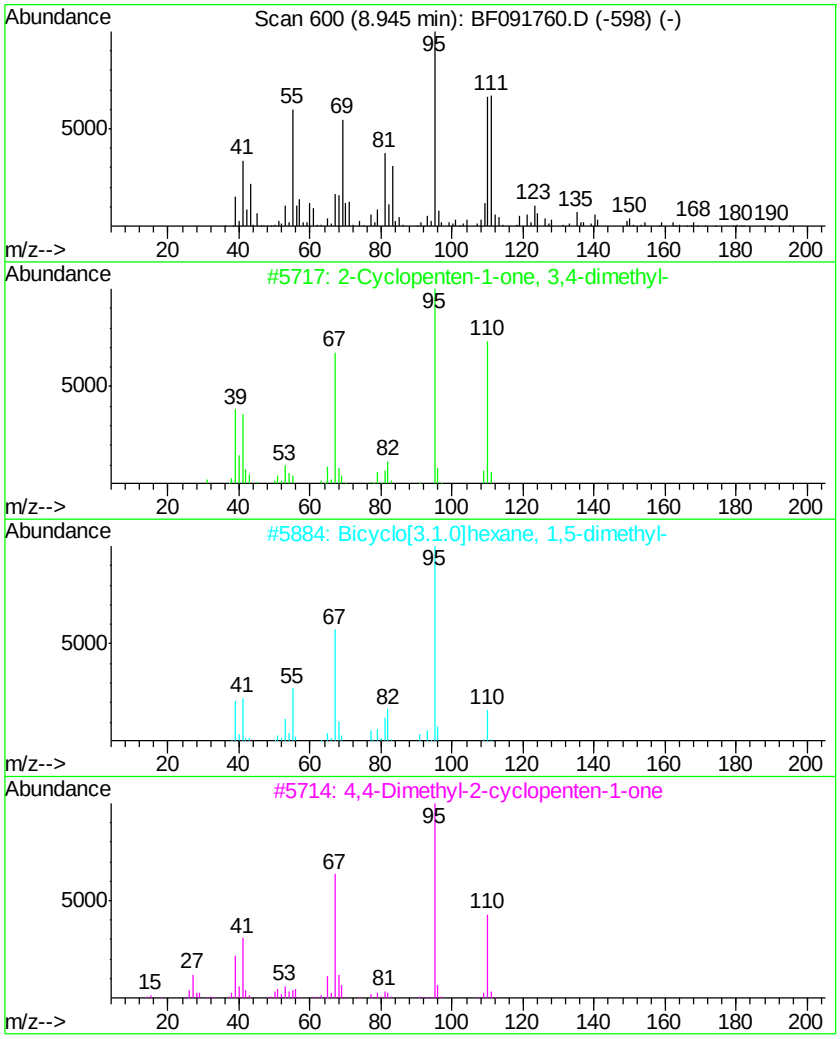
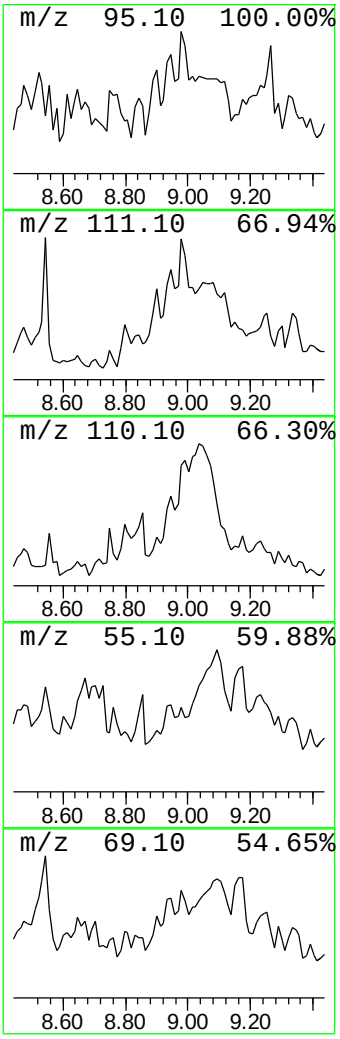
Peak Number 9 unknown8.94 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.94	31.15 ng	1954540	Acenaphthene-d10	9.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclopenten-1-one, 3,4-dimethyl-	110	C7H10O	030434-64-1	46
2	Bicyclo[3.1.0]hexane, 1,5-dimethyl-	110	C8H14	1000142-17-5	43
3	4,4-Dimethyl-2-cyclopenten-1-one	110	C7H10O	022748-16-9	43
4	Cyclopentane, 1,2-dimethyl-3-met...	110	C8H14	091884-67-2	43
5	1H-Imidazole, 2-ethyl-4-methyl-	110	C6H10N2	000931-36-2	38





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Sample : H6091-06
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ALS Vial : 47 Sample Multiplier: 1

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ClientSampleId : MW-19

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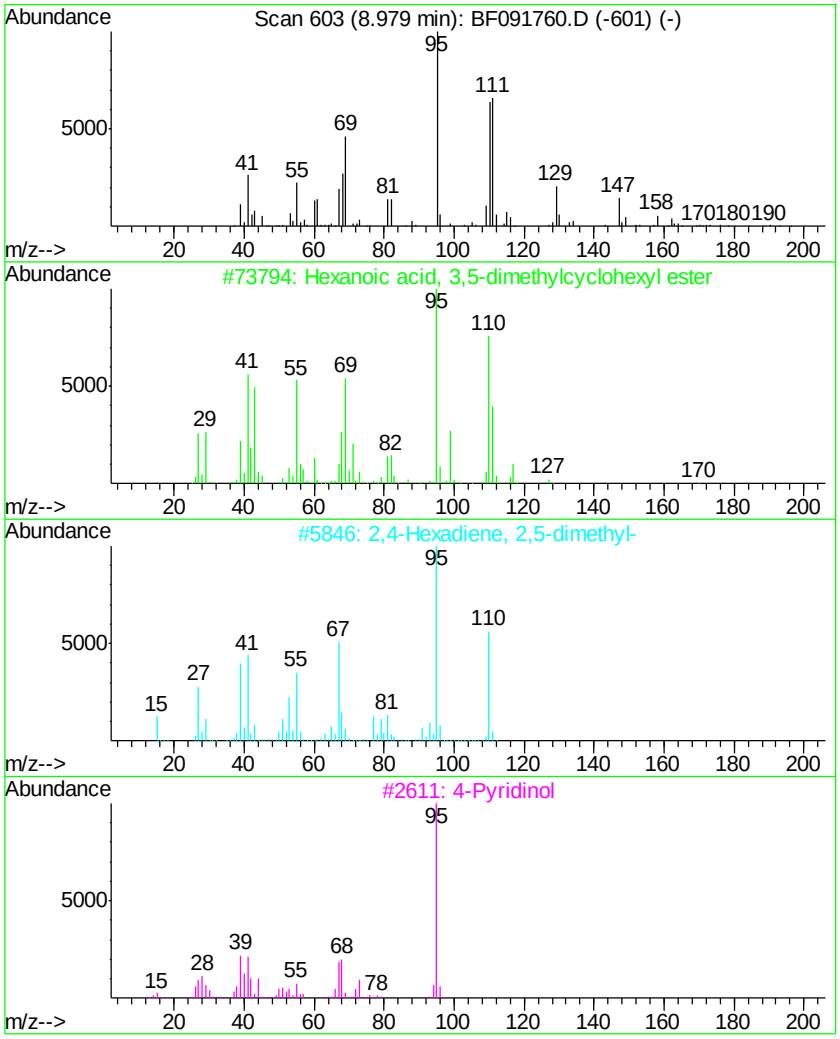
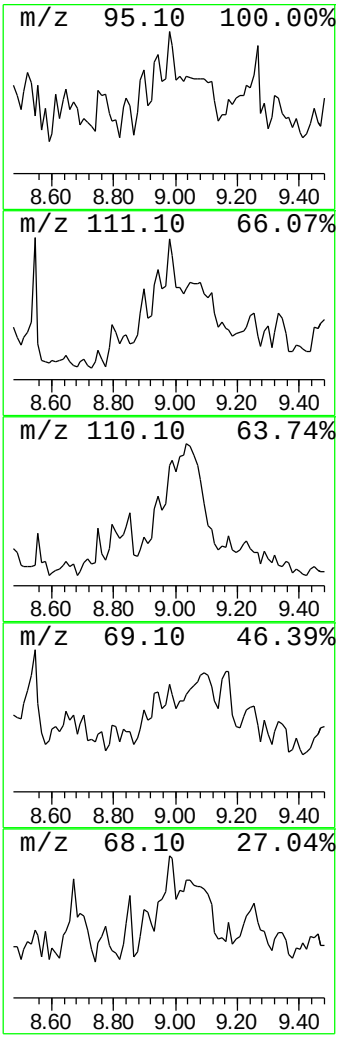
Peak Number 10 Hexanoic acid, 3,5-dimethyl... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.98	20.25 ng	1270650	Acenaphthene-d10	9.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 3,5-dimethylcyclo...	226	C14H26O2	1000279-28-3	53
2	2,4-Hexadiene, 2,5-dimethyl-	110	C8H14	000764-13-6	43
3	4-Pyridinol	95	C5H5NO	000626-64-2	38
4	Cyclopropane, 2-(1,1-dimethyl-2-...	166	C12H22	074663-76-6	37
5	3-Cyclopenten-1-one, 2,2,5,5-tet...	138	C9H14O	081396-36-3	37





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TIC Library : C:\DATABASE\NIST02.L
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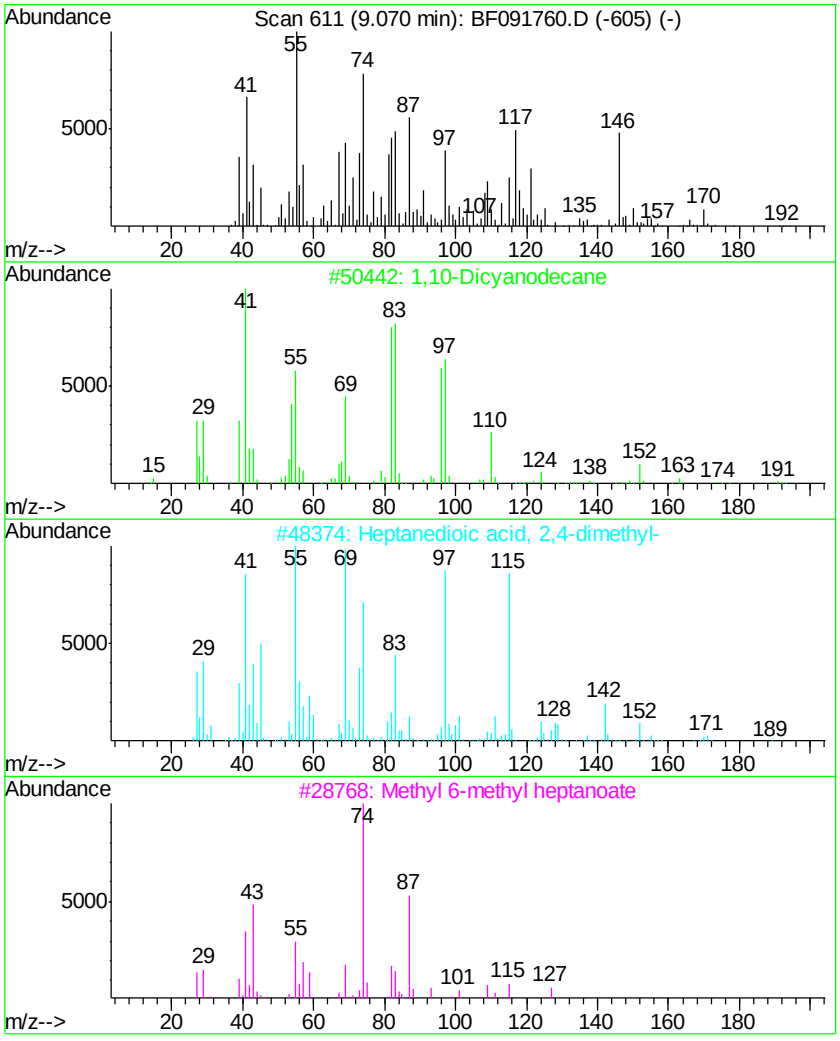
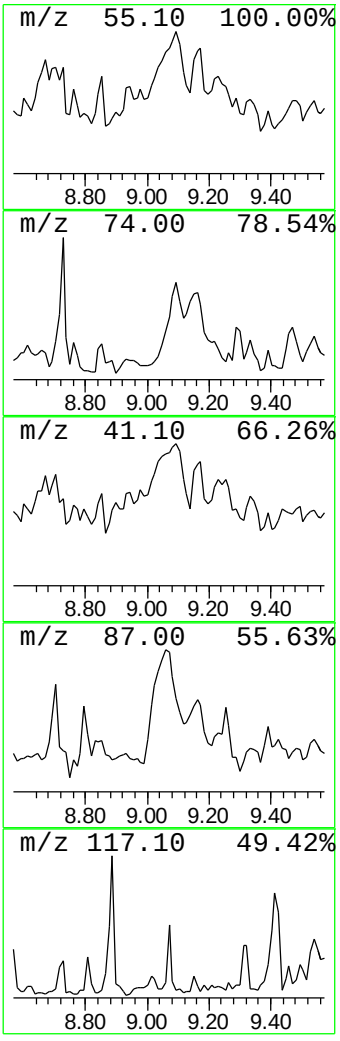
Peak Number 11 unknown9.07 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.07	166.66 ng	10455300	Acenaphthene-d10	9.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,10-Dicyanodecane	192	C12H20N2	004543-66-2	18
2	Heptanedioic acid, 2,4-dimethyl-	188	C9H16O4	002624-26-2	16
3	Methyl 6-methyl heptanoate	158	C9H18O2	002519-37-1	16
4	L-Glucose, 6-deoxy-3-O-methyl-	178	C7H14O5	018546-09-3	14
5	Cyclododecanemethanol	198	C13H26O	001892-12-2	12





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Instrument : BNA_F
ClientSampleId : MW-19

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TIC Library : C:\DATABASE\NIST02.L
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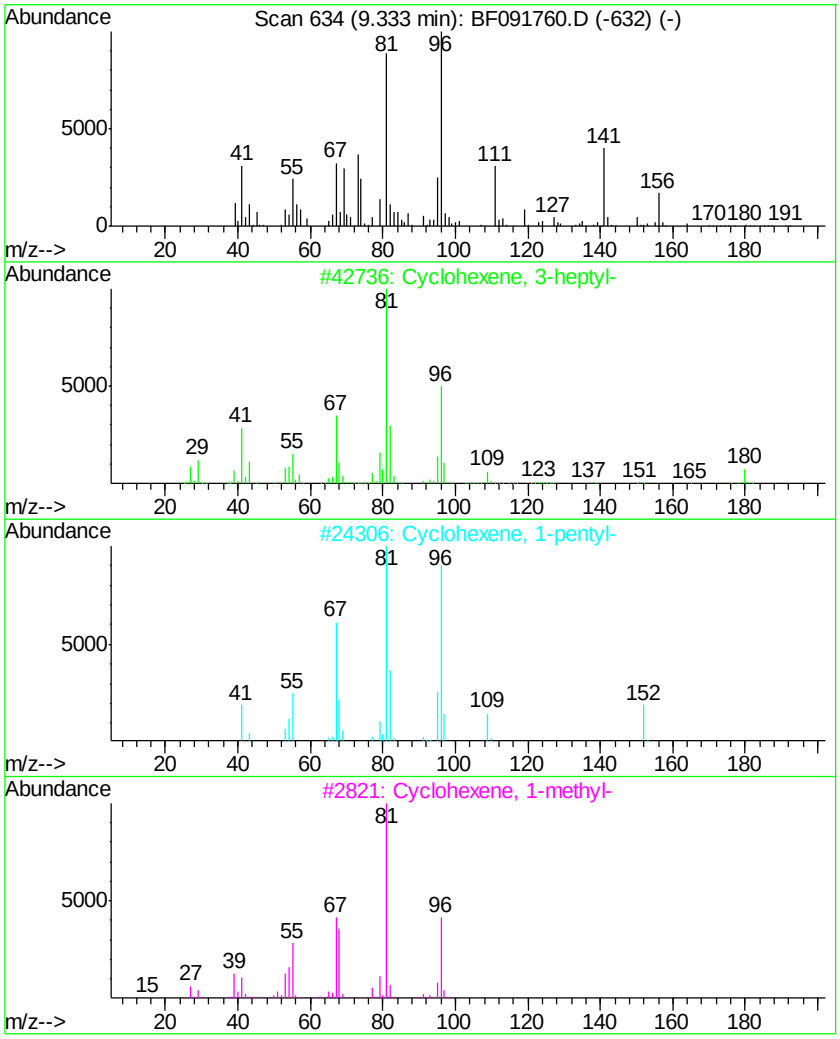
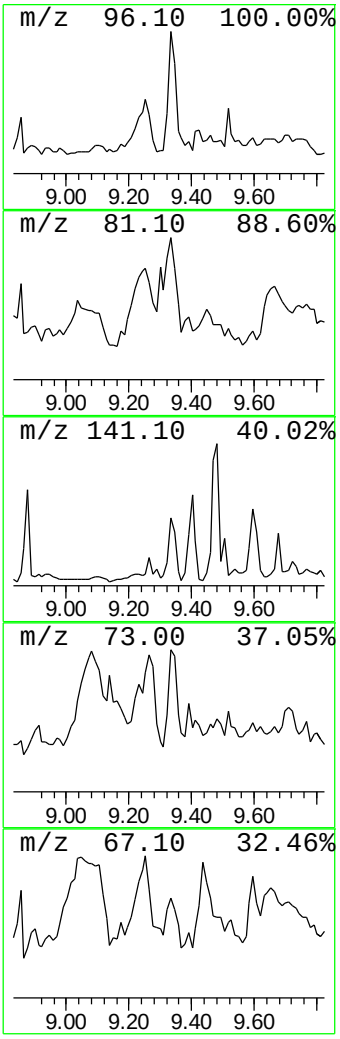
Peak Number 12 unknown9.33 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.33	76.99 ng	4830240	Acenaphthene-d10	9.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 3-heptyl-	180	C13H24	015232-93-6	47
2	Cyclohexene, 1-pentyl-	152	C11H20	015232-85-6	47
3	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	37
4	1,3-Pentadiene, 2,4-dimethyl-	96	C7H12	001000-86-8	37
5	1-Propanoic acid, 1H-1,2,4-triaz...	141	C5H7N3O2	076686-84-5	35





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ClientSampleId : MW-19

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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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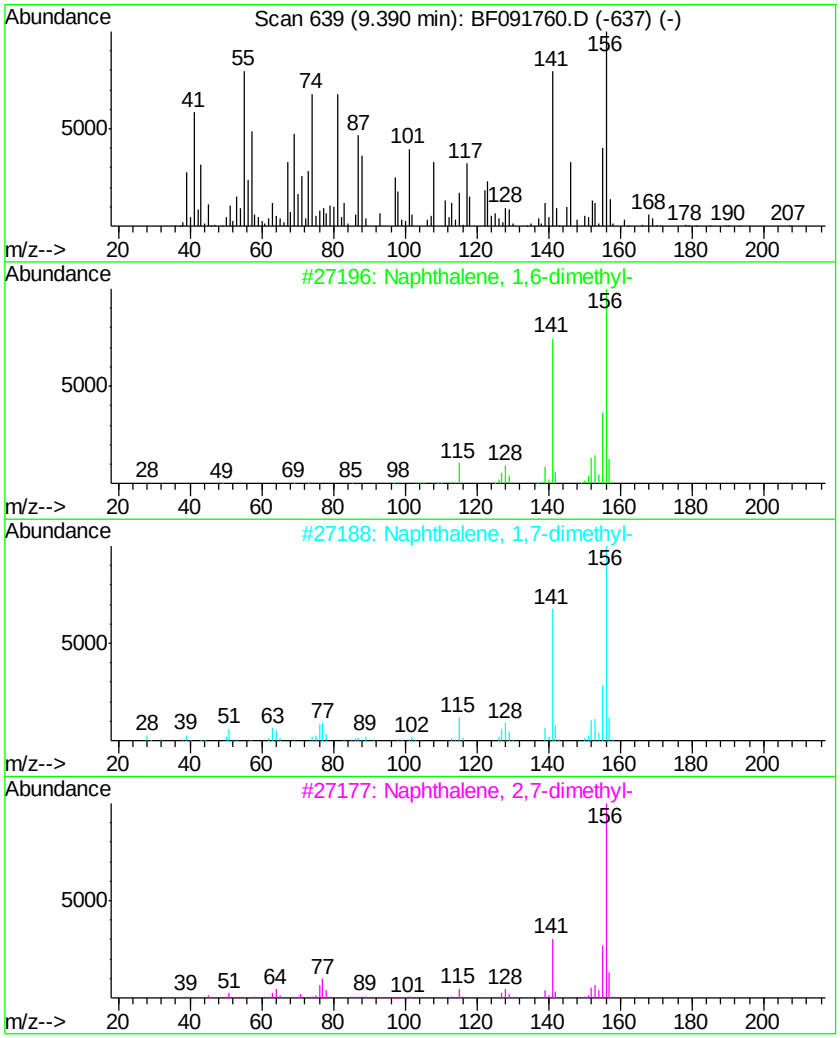
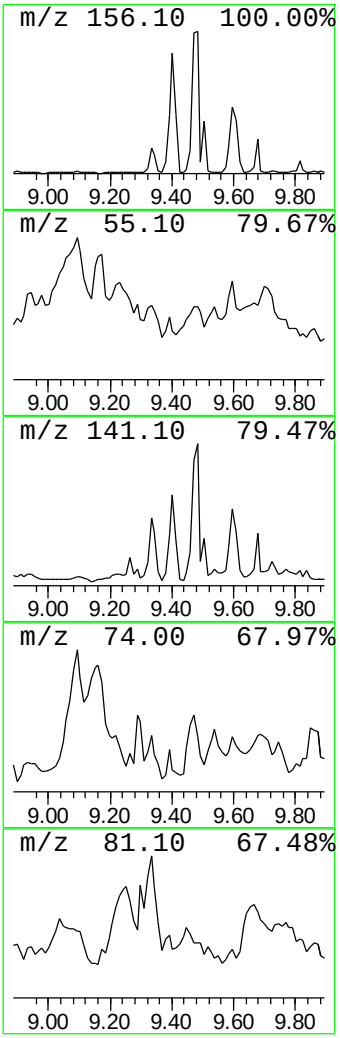
Peak Number 13 Naphthalene, 1,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.39	55.88 ng	3505450	Acenaphthene-d10	9.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	78
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	64
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	64
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	64
5	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	64





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Misc :
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Instrument : BNA_F
ClientSampleId : MW-19

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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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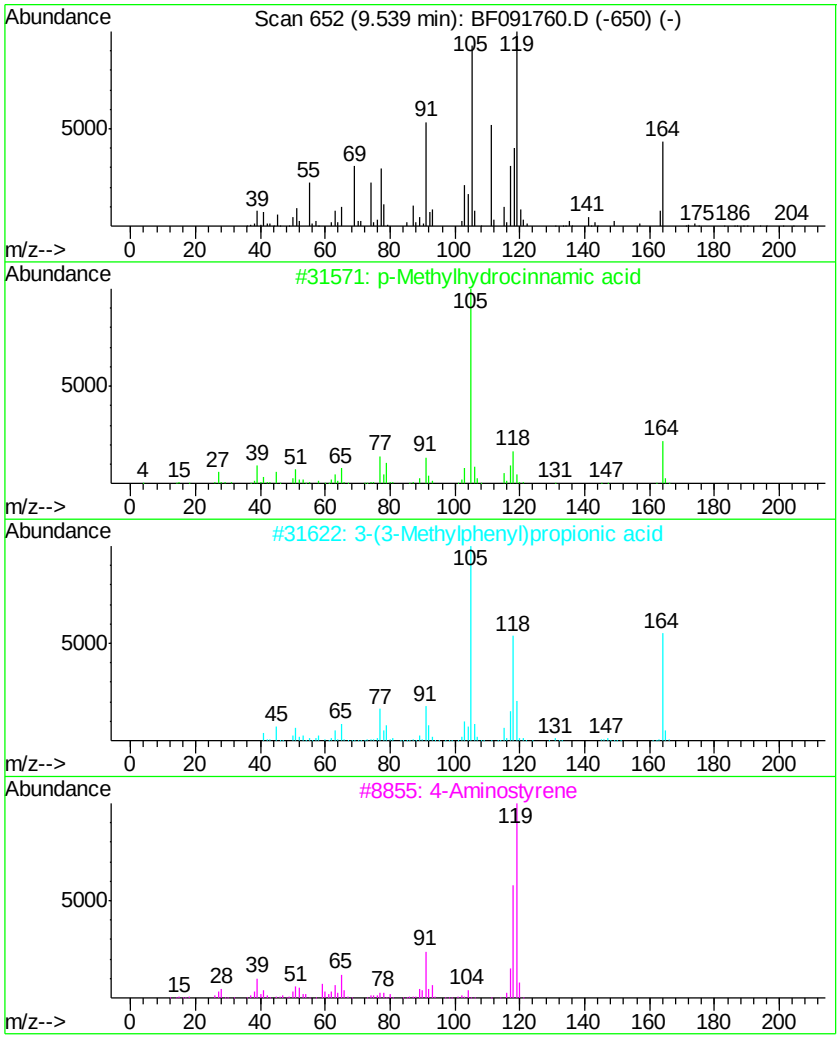
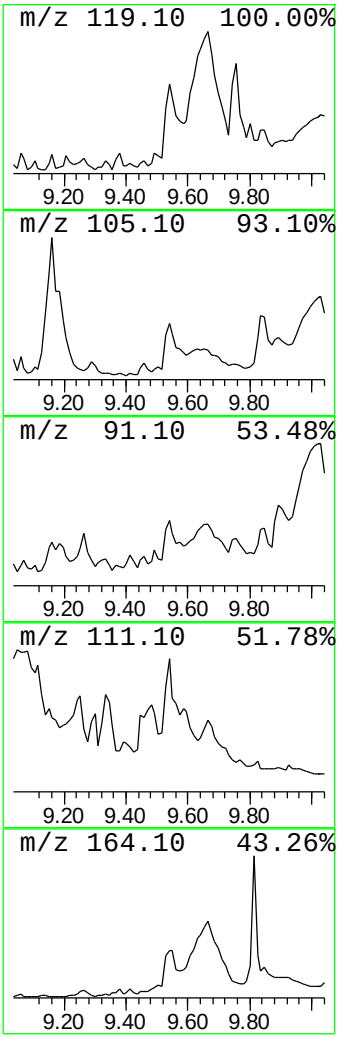
Peak Number 14 unknown9.54 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.54	32.28 ng	2025350	Acenaphthene-d10	9.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Methylhydrocinnamic acid	164	C10H12O2	001505-50-6	35
2	3-(3-Methylphenyl)propionic acid	164	C10H12O2	003751-48-2	35
3	4-Aminostyrene	119	C8H9N	001520-21-4	35
4	Hexane, 3,4-diphenyl-	238	C18H22	005789-31-1	35
5	3,4-Dimethylbenzyl isothiocyanate	177	C10H11NS	206559-59-3	27





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Instrument : BNA_F
ClientSampleId : MW-19

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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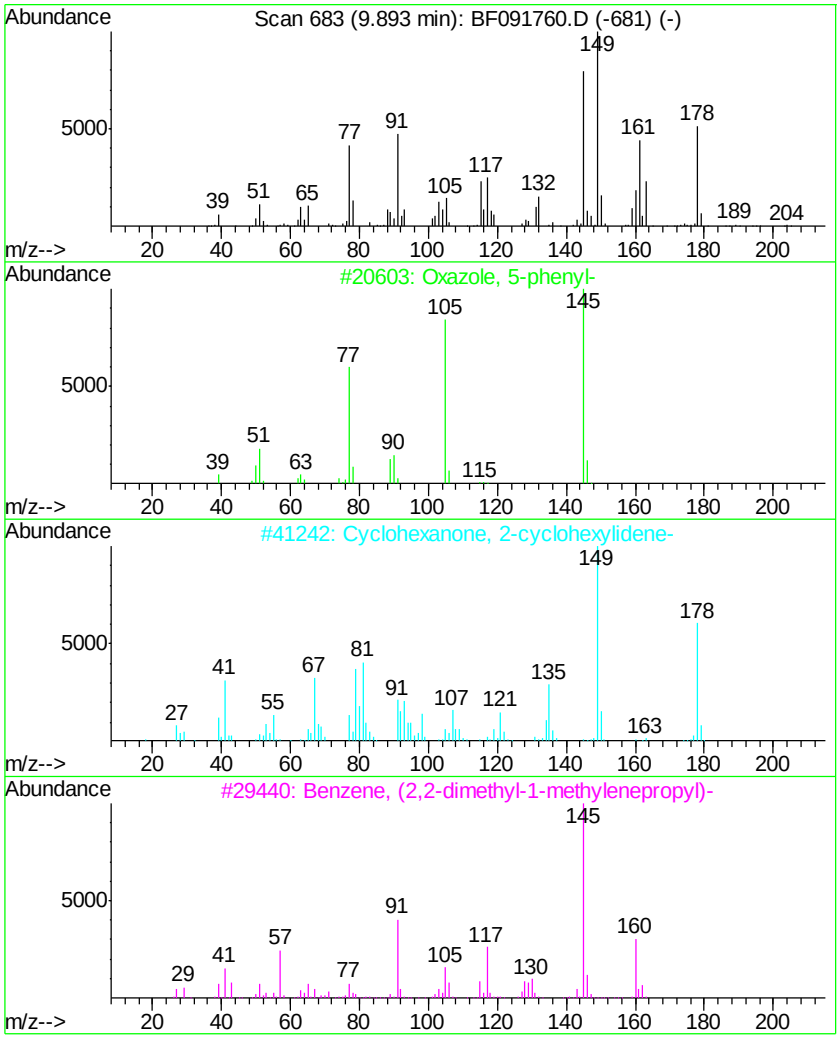
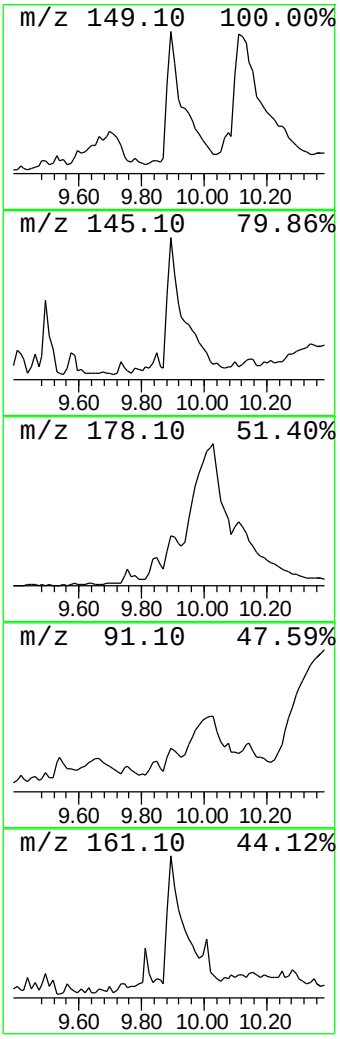
Peak Number 16 unknown9.89 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.89	65.34 ng	4099260	Acenaphthene-d10	9.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxazole, 5-phenyl-	145	C9H7NO	001006-68-4	22
2	Cyclohexanone, 2-cyclohexylidene-	178	C12H18O	001011-12-7	22
3	Benzene, (2,2-dimethyl-1-methyle...	160	C12H16	005676-29-9	14
4	Oxazole, 2-phenyl-	145	C9H7NO	020662-88-8	14
5	Benzene, 1-(1-methylethenyl)-2-(...	160	C12H16	005557-93-7	14





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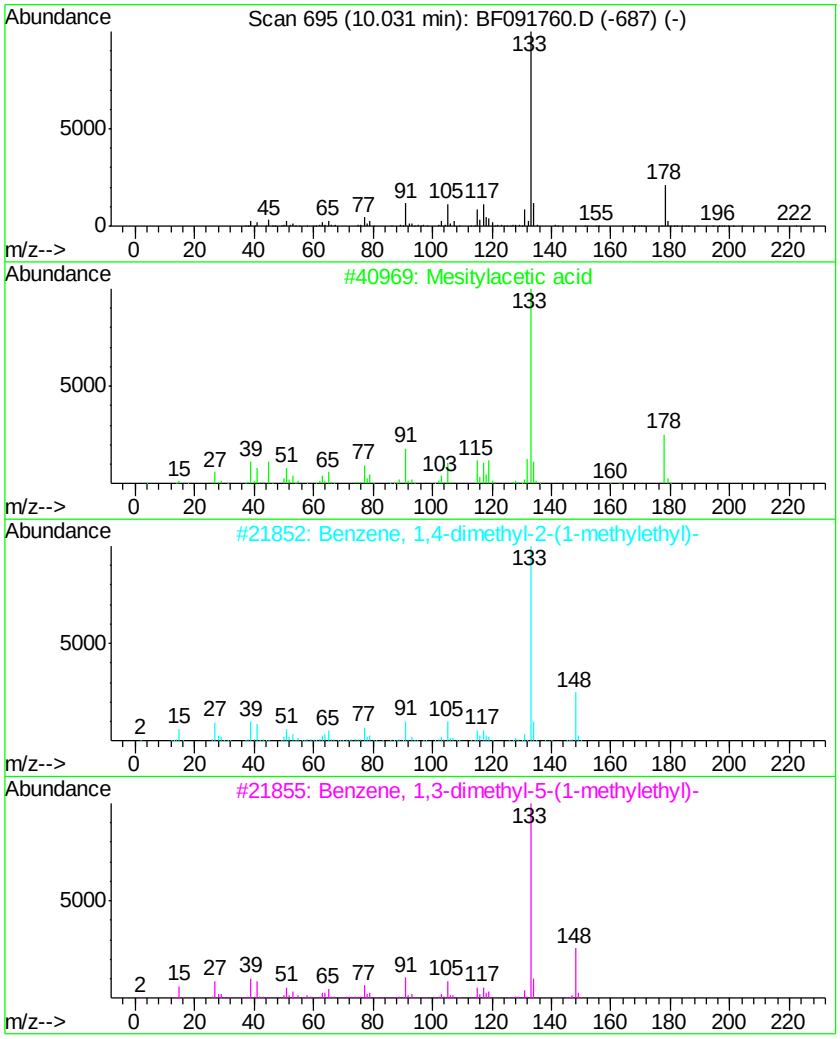
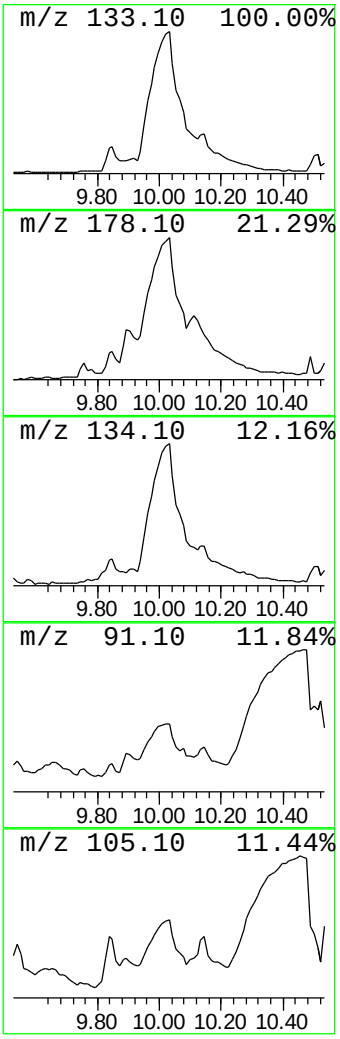
Peak Number 17 Mesitylacetic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.03	375.20 ng	23538600	Acenaphthene-d10	9.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylacetic acid	178	C11H14O2	004408-60-0	90
2	Benzene, 1,4-dimethyl-2-(1-methy...	148	C11H16	004132-72-3	72
3	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	64
4	Benzene, 2-(chloromethyl)-1,3,5-...	168	C10H13Cl	001585-16-6	64
5	Benzene, 2,4-dimethyl-1-(1-methy...	148	C11H16	004706-89-2	64





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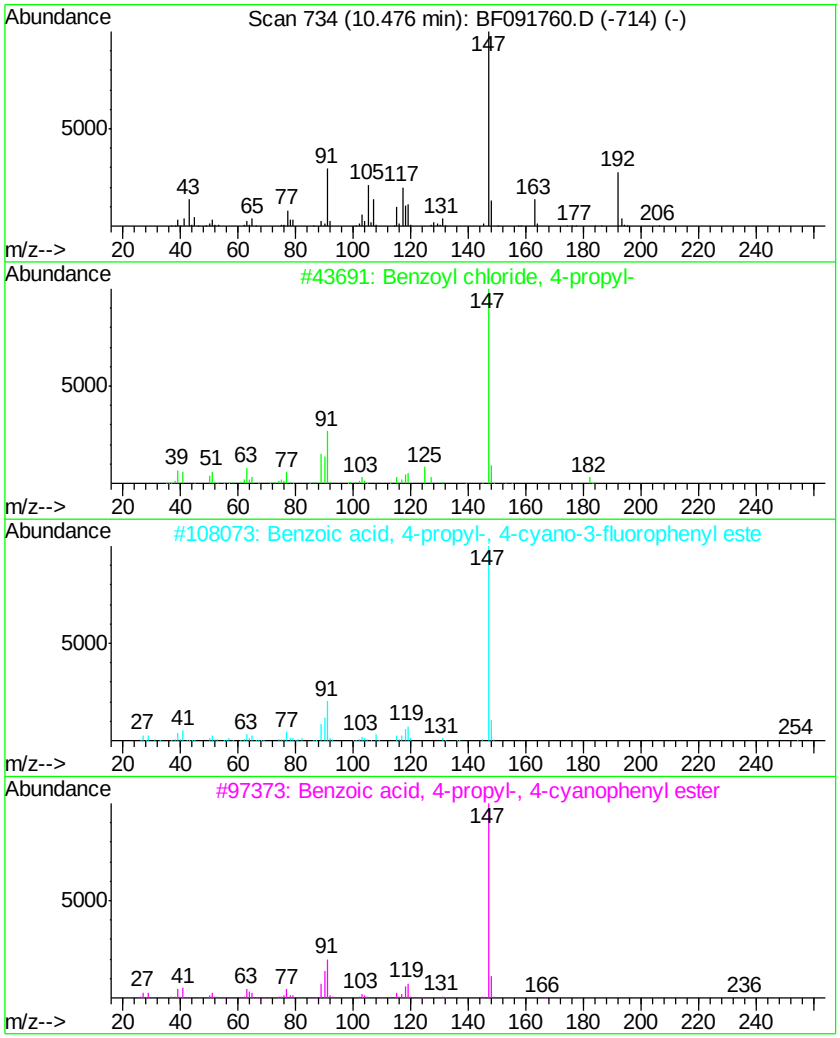
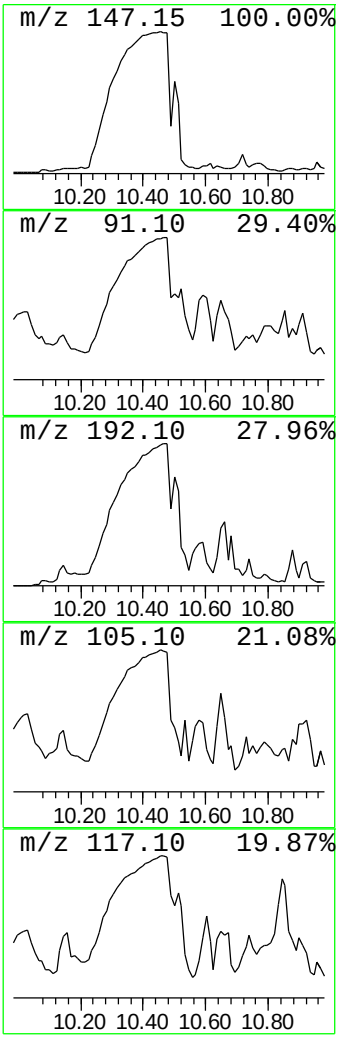
Peak Number 18 unknown10.48 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.48	1213.46 ng	76128000	Acenaphthene-d10	9.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoyl chloride, 4-propyl-	182	C10H11ClO	052710-27-7	43
2	Benzoic acid, 4-propyl-, 4-cyano...	283	C17H14FNO2	086776-51-4	43
3	Benzoic acid, 4-propyl-, 4-cyano...	265	C17H15NO2	056131-49-8	43
4	2-Indolizinemethanol	147	C9H9NO	022320-21-4	43
5	1-Hydroxyinden-3-one-1-carboxyli...	192	C10H8O4	1000215-33-8	43





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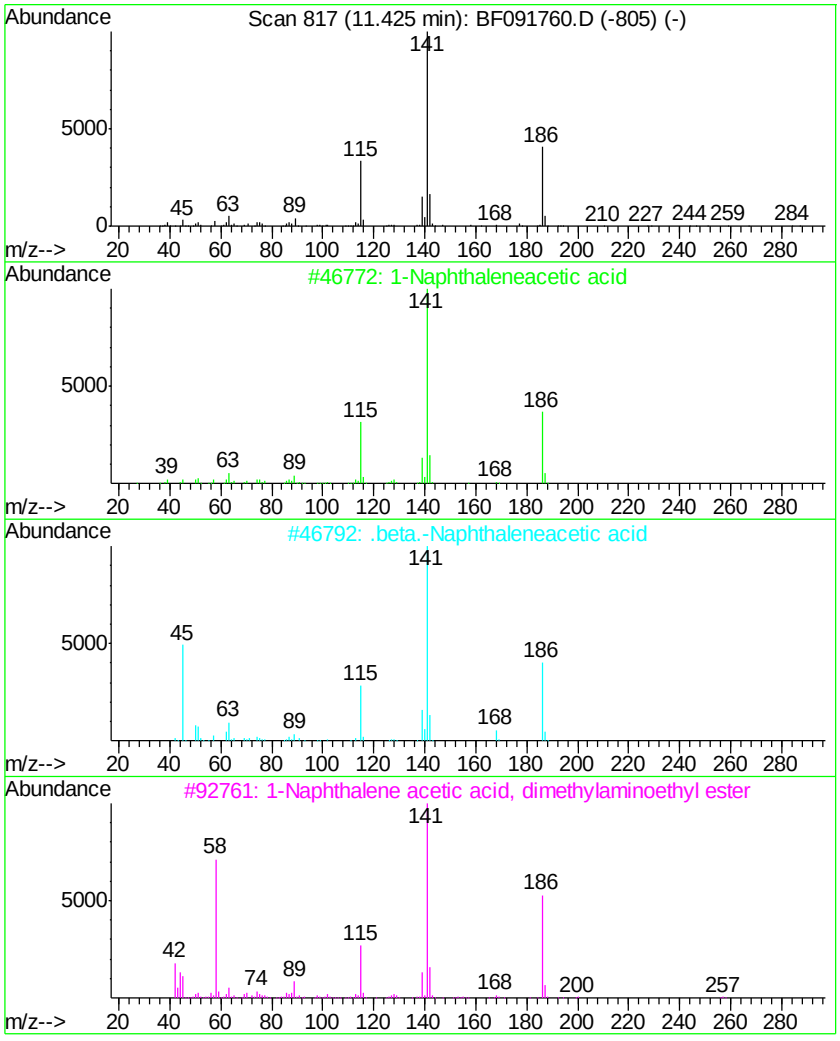
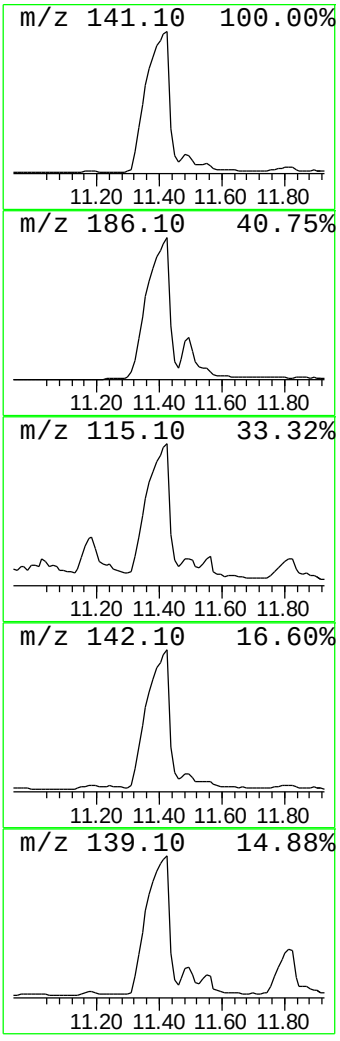
Peak Number 19 1-Naphthaleneacetic acid Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.43	20.00 ng	39860500	Phenanthrene-d10	11.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Naphthaleneacetic acid	186	C12H10O2	000086-87-3	94
2	.beta.-Naphthaleneacetic acid	186	C12H10O2	000581-96-4	91
3	1-Naphthalene acetic acid, dimet...	257	C16H19NO2	010593-16-5	83
4	3-Chloro-4-hydroxyphenylacetic acid	186	C8H7ClO3	033697-81-3	59
5	2-Fluoro-3,4-dihydroxyphenylacet...	186	C8H7FO4	117722-94-8	59





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ClientSampleId : MW-19

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

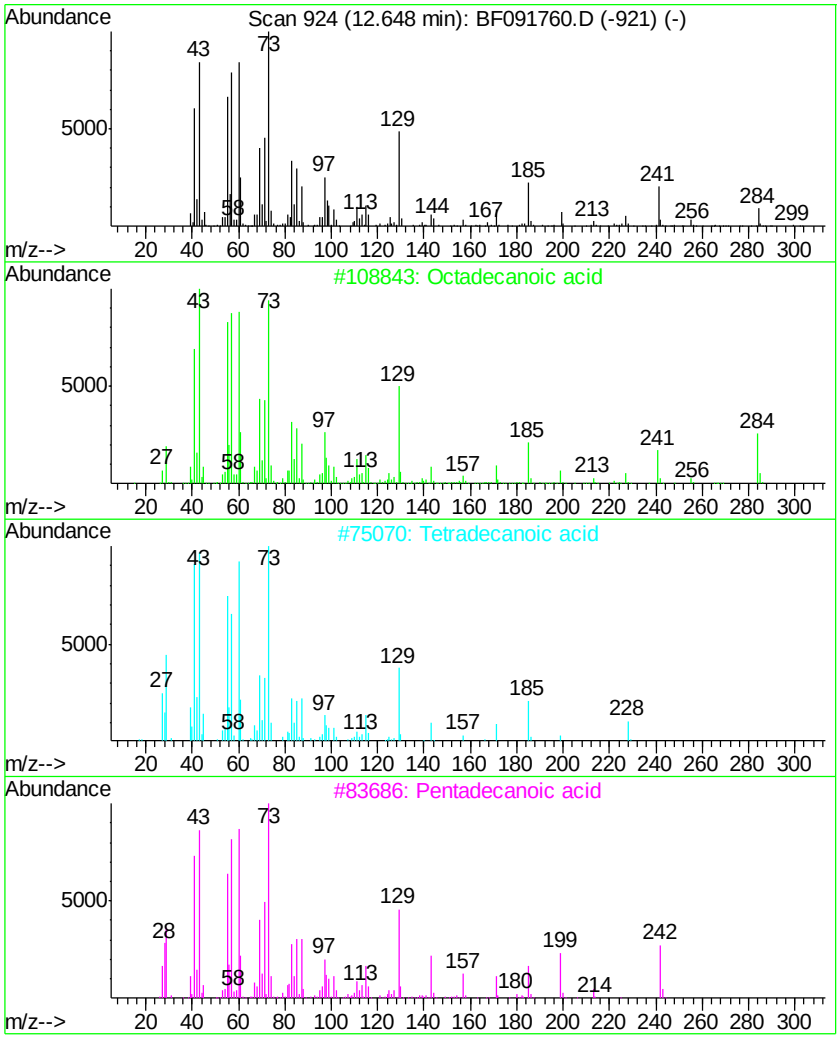
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

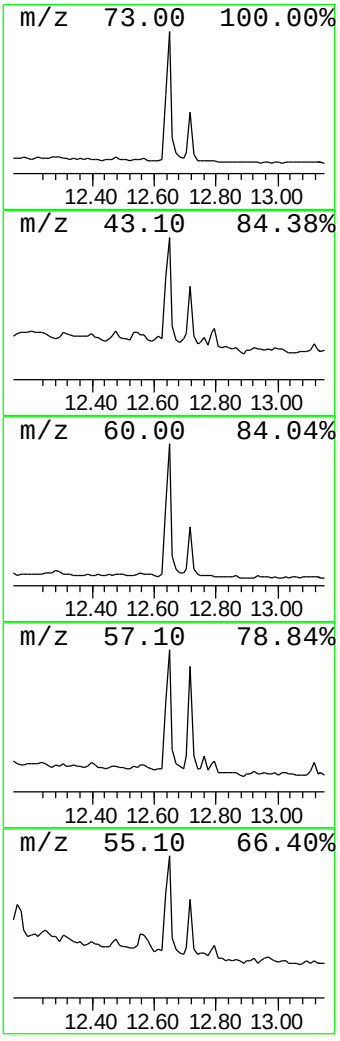
****

Peak Number 20 Octadecanoic acid Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.65	18.55 ng	1241560	Chrysene-d12	13.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4	Ethanol, 2-(dodecyloxy)-	230	C14H30O2	004536-30-5	44
5	Ethanone, 1-(4,5-dihydro-2-thiaz...	129	C5H7NOS	029926-41-8	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121816\
Data File : BF091760.D
Acq On : 19 Dec 2016 3:03
Operator : UM/SJ
Sample : H6091-06
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-19

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121716.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
unknown6.54	6.54	30.9	ng	6662090	1	6.77	4316240	20.0
Benzene, 1,2,4,5-...	7.80	25.8	ng	9675240	2	8.06	7487630	20.0
Cyclohexane, 1-me...	7.89	20.4	ng	7654510	2	8.06	7487630	20.0
unknown7.95	7.95	27.1	ng	10147000	2	8.06	7487630	20.0
unknown8.22	8.22	39.3	ng	14700200	2	8.06	7487630	20.0
unknown8.42	8.42	23.5	ng	8783480	2	8.06	7487630	20.0
unknown8.53	8.53	18.2	ng	6804190	2	8.06	7487630	20.0
unknown8.94	8.94	31.1	ng	1954540	3	9.81	1254730	20.0
Hexanoic acid, 3,...	8.98	20.3	ng	1270650	3	9.81	1254730	20.0
unknown9.07	9.07	166.7	ng	10455300	3	9.81	1254730	20.0
unknown9.33	9.33	77.0	ng	4830240	3	9.81	1254730	20.0
Naphthalene, 1,6-...	9.39	55.9	ng	3505450	3	9.81	1254730	20.0
unknown9.54	9.54	32.3	ng	2025350	3	9.81	1254730	20.0
unknown9.89	9.89	65.3	ng	4099260	3	9.81	1254730	20.0
Mesitylacetic acid	10.03	375.2	ng	23538600	3	9.81	1254730	20.0
unknown10.48	10.48	1213.5	ng	76128000	3	9.81	1254730	20.0
1-Naphthaleneacet...	11.43	20.0	ng	39860500	4	11.31	39860500	20.0
Octadecanoic acid	12.65	18.6	ng	1241560	5	13.93	1338440	20.0