LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121916\
Data File : BF091788.D
Acq On : 19 Dec 2016 22:15
Operator : UM/SJ
Sample : H6011-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-08

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	4.910	245	247	252	rBV	532649	808897	6.21%	0.786%
2	5.355	283	286	288	rBV	3323065	3122322	23.98%	3.032%
3	6.396	375	377	381	rVB	2022158	2068287	15.89%	2.009%
4	6.533	386	389	390	rBV	4267250	5589910	42.94%	5.429%
5	6.716	399	405	406	rBV3	126387	263063	2.02%	0.255%
6	6.761	406	409	411	rBV	1316862	1546917	11.88%	1.502%
7	6.910	420	422	425	rBV	3735845	4908887	37.71%	4.767%
8	7.104	436	439	441	rBV	365300	381567	2.93%	0.371%
9	7.321	451	458	461	rBV	3127925	5362112	41.19%	5.208%
10	7.367	461	462	464	rVV2	215245	323153	2.48%	0.314%
11	7.413	464	466	467	rVV	334346	476550	3.66%	0.463%
12	7.447	467	469	471	rVV2	448285	734913	5.65%	0.714%
13	7.539	471	477	478	rVB3	701470	1085237	8.34%	1.054%
14	7.573	478	480	482	rVB2	102816	137854	1.06%	0.134%
15	7.619	482	484	486	rBV2	110464	195839	1.50%	0.190%
16	7.699	488	491	495	rBV	619146	980933	7.54%	0.953%
17	7.767	495	497	498	rBV	249208	296719	2.28%	0.288%
18	7.790	498	499	503	rVB3	124287	196266	1.51%	0.191%
19	7.859	503	505	509	rBV5	133241	371992	2.86%	0.361%
20	7.984	512	516	519	rBV4	480512	1049423	8.06%	1.019%
21	8.041	519	521	528	rVB	2414201	2953190	22.69%	2.868%
22	8.167	528	532	534	rBV4	255049	360585	2.77%	0.350%
23	8.236	534	538	541	rBV4	324881	918547	7.06%	0.892%
24	8.293	541	543	545	rVB	545527	572223	4.40%	0.556%
25	8.396	549	552	553	rBV3	232855	400656	3.08%	0.389%
26	8.430	553	555	556	rVB2	206272	269645	2.07%	0.262%
27	8.464	556	558	560	rBV3	419288	542553	4.17%	0.527%
28	8.579	567	568	569	rBV	251031	189155	1.45%	0.184%
29	8.613	569	571	572	rVB	334389	428427	3.29%	0.416%
30	8.647	572	574	577	rBV2	93045	191017	1.47%	0.186%
31	8.704	577	579	581	rBV2	168608	257020	1.97%	0.250%
32	8.739	581	582	585	rBV3	251729	389867	2.99%	0.379%
33	8.796	585	587	588	rVV	318055	385267	2.96%	0.374%
34	8.853	588	592	598	rVB5	1002689	2553316	19.61%	2.480%

LSC Area Percent Report

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Misc :
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Instrument : BNA_F
ClientSampleId : MW-08

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	8.933	598	599	601	rBV2	381351	433755	3.33%	0.421%
36	9.013	602	606	607	rVV4	361629	464605	3.57%	0.451%
37	9.127	613	616	617	rBV	6744207	7259932	55.77%	7.051%
38	9.150	617	618	621	rVB3	265073	214504	1.65%	0.208%
39	9.264	625	628	629	rBV3	221134	521796	4.01%	0.507%
40	9.299	629	631	634	rVB3	425700	666911	5.12%	0.648%
41	9.413	640	641	642	rBV	202247	141114	1.08%	0.137%
42	9.459	642	645	647	rBV3	1075815	1318653	10.13%	1.281%
43	9.493	647	648	649	rVB	322575	235953	1.81%	0.229%
44	9.573	654	655	656	rVV	496574	418524	3.21%	0.406%
45	9.653	660	662	667	rVB2	619805	1018424	7.82%	0.989%
46	9.744	667	670	672	rBV3	385299	827787	6.36%	0.804%
47	9.802	672	675	676	rVV	1917433	3556574	27.32%	3.454%
48	9.882	680	682	684	rBV2	169933	261077	2.01%	0.254%
49	9.927	684	686	688	rVB	246986	306080	2.35%	0.297%
50	9.973	688	690	691	rBV	201480	249904	1.92%	0.243%
51	10.042	694	696	697	rBV	180208	294438	2.26%	0.286%
52	10.076	697	699	700	rVB2	198519	163895	1.26%	0.159%
53	10.179	700	708	711	rBV2	4072070	13017886	100.00%	12.643%
54	10.236	711	713	714	rVV	2185207	2709618	20.81%	2.632%
55	10.259	714	715	717	rVV2	375638	510015	3.92%	0.495%
56	10.339	720	722	723	rBV	345106	281035	2.16%	0.273%
57	10.419	724	729	730	rBV2	598446	1151153	8.84%	1.118%
58	10.453	730	732	735	rVB3	238169	382927	2.94%	0.372%
59	10.499	735	736	737	rBV	269256	255385	1.96%	0.248%
60	10.533	737	739	740	rVB2	240223	222333	1.71%	0.216%
61	10.590	740	744	746	rBV2	3909882	6334529	48.66%	6.152%
62	10.636	746	748	752	rVV2	2005497	3467218	26.63%	3.367%
63	10.705	752	754	755	rVV2	257440	503279	3.87%	0.489%
64	10.773	758	760	762	rBV3	202343	343833	2.64%	0.334%
65	10.933	771	774	777	rVB5	383178	796870	6.12%	0.774%
66	10.990	777	779	780	rBV2	146178	267139	2.05%	0.259%
67	11.025	780	782	786	rVB	498935	645201	4.96%	0.627%
68	11.116	788	790	791	rBV	234541	245174	1.88%	0.238%
69	11.150	791	793	796	rVB2	283273	408446	3.14%	0.397%
70	11.219	796	799	802	rBV	524472	717090	5.51%	0.696%
71	11.276	802	804	806	rBV	1991030	1739330	13.36%	1.689%

LSC Area Percent Report

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Data File : BF091788.D
Acq On : 19 Dec 2016 22:15
Operator : UM/SJ
Sample : H6011-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-08

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	11.676	837	839	842	rBV	648727	901320	6.92%	0.875%
73	11.825	850	852	856	rVB	489819	564987	4.34%	0.549%
74	12.179	881	883	886	rBV	152317	224020	1.72%	0.218%
75	12.602	918	920	926	rVV	211975	265549	2.04%	0.258%
76	12.693	926	928	931	rVB	273295	254039	1.95%	0.247%
77	12.865	940	943	945	rBV	5047982	5042200	38.73%	4.897%
78	13.391	987	989	991	rBV	100971	139030	1.07%	0.135%
79	13.768	1020	1022	1029	rVB	168444	225841	1.73%	0.219%
80	13.905	1032	1034	1037	rBV	1586557	1448496	11.13%	1.407%
81	15.311	1154	1157	1159	rBV	787453	1238204	9.51%	1.203%

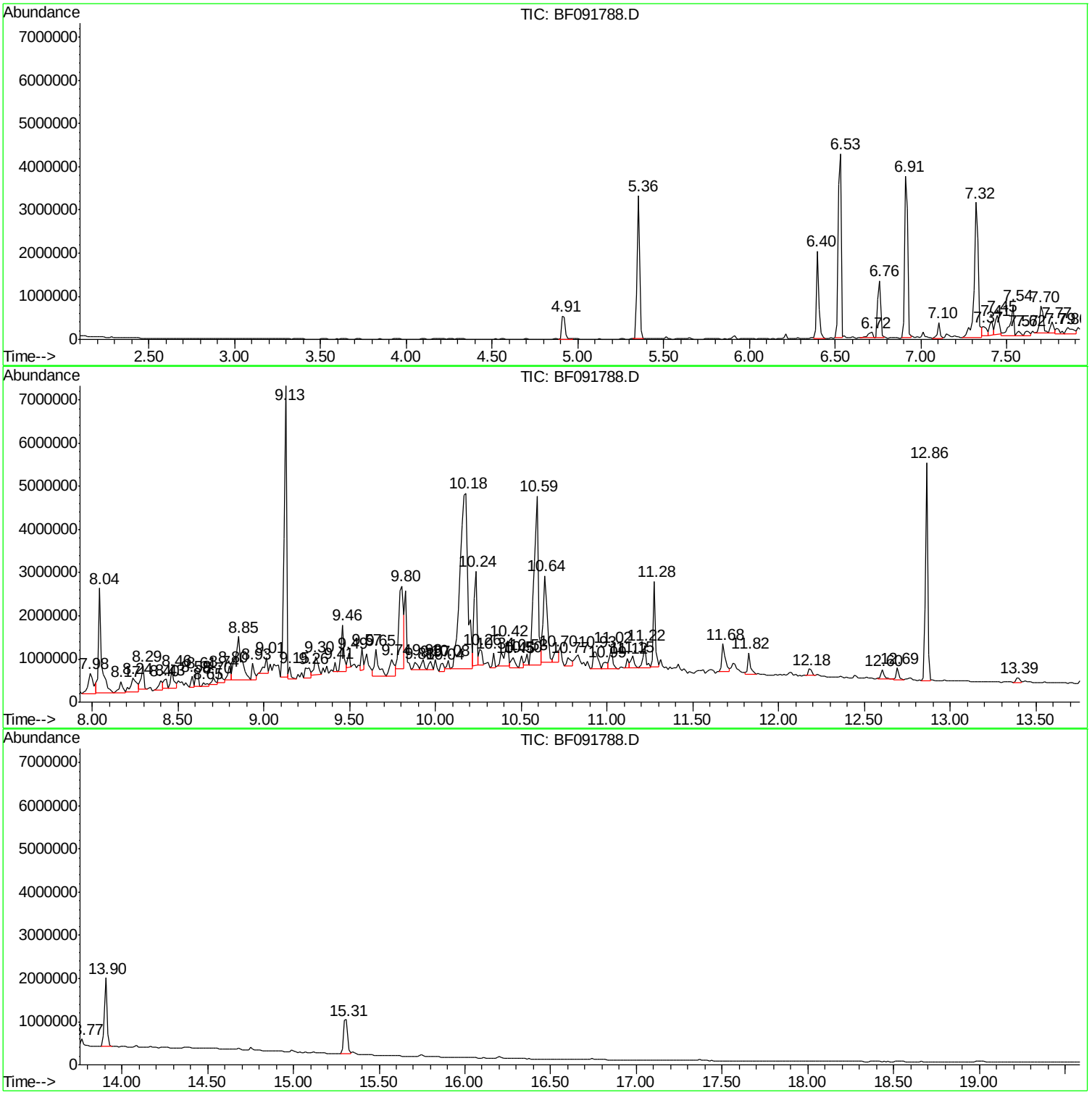
Sum of corrected areas: 102968382

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121916\
Data File : BF091788.D
Acq On : 19 Dec 2016 22:15
Operator : UM/SJ
Sample : H6011-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-08

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\BF121916\
Data File : BF091788.D
Acq On : 19 Dec 2016 22:15
Operator : UM/SJ
Sample : H6011-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-08

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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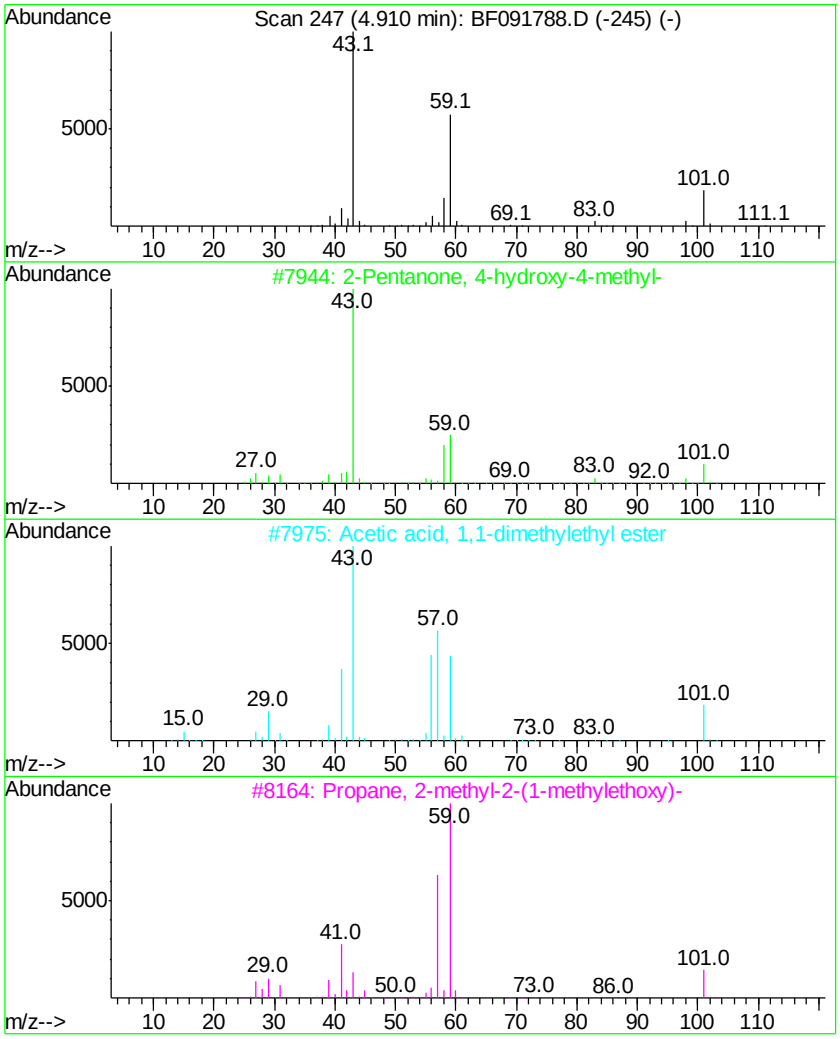
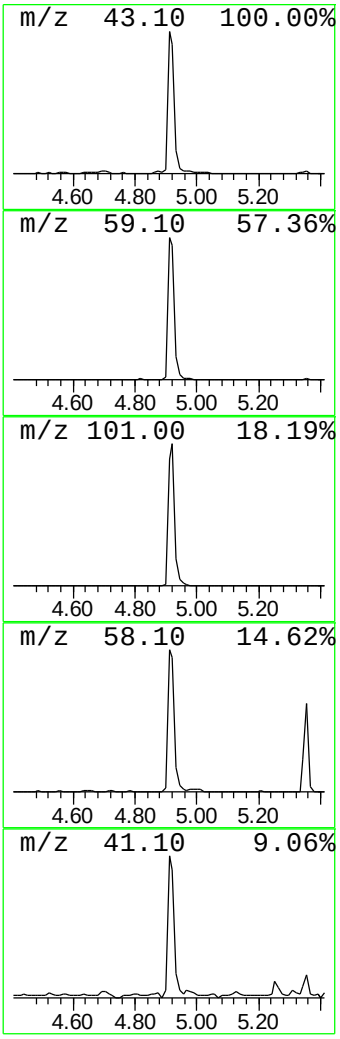
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.91	10.46 ng	808897	1,4-Dichlorobenzene-d4	6.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32





Data Path : Z:\HPCHEM1\BNA F\DATA\BF121916\
Data File : BF091788.D
Acq On : 19 Dec 2016 22:15
Operator : UM/SJ
Sample : H6011-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-08

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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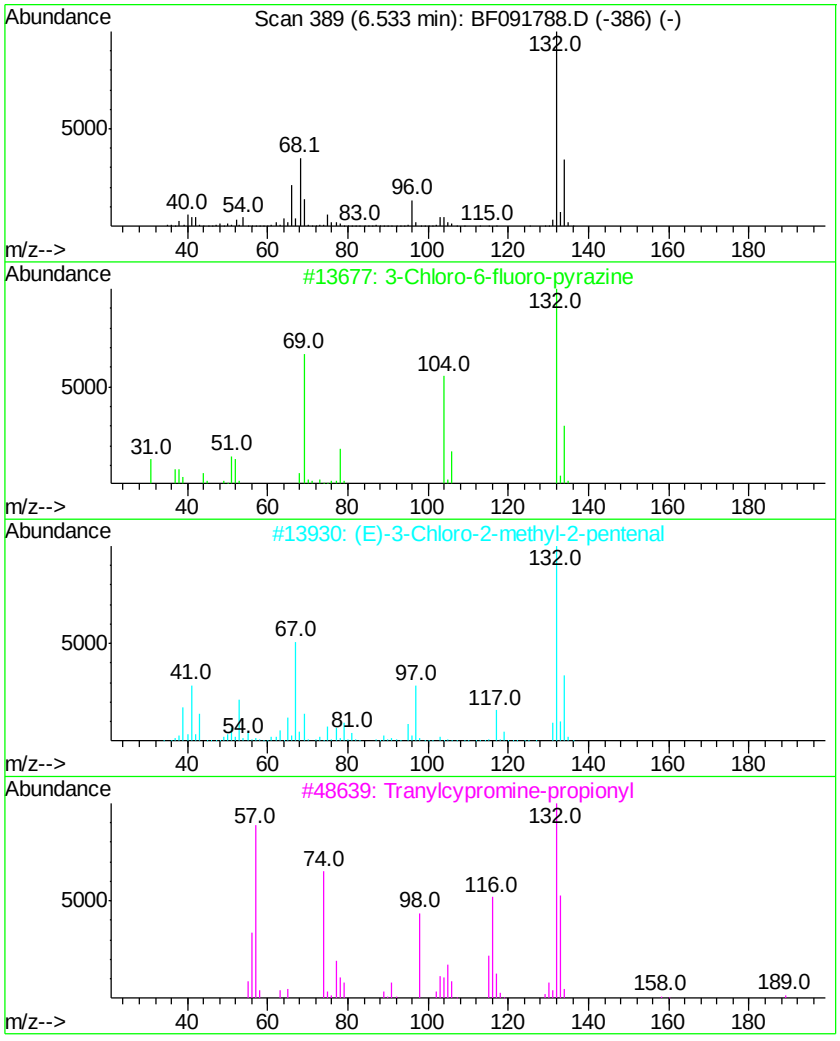
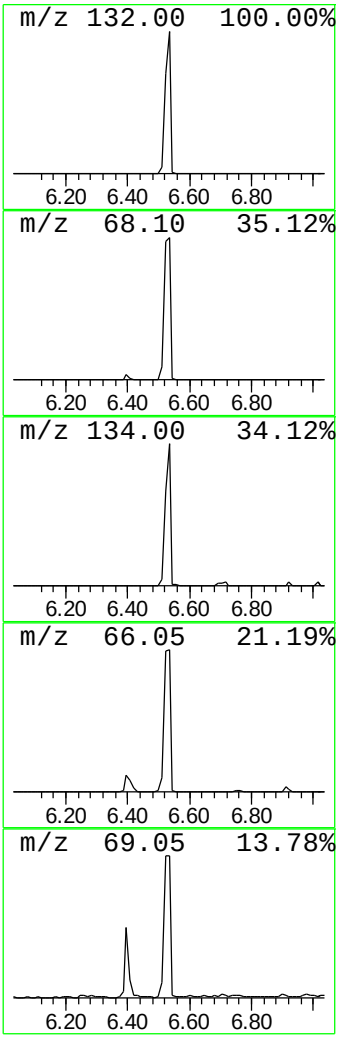
Peak Number 2 unknown6.53 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.53	72.27 ng	5589910	1,4-Dichlorobenzene-d4	6.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	16
4	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5	Xenon	132	Xe	007440-63-3	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF121916\
Data File : BF091788.D
Acq On : 19 Dec 2016 22:15
Operator : UM/SJ
Sample : H6011-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-08

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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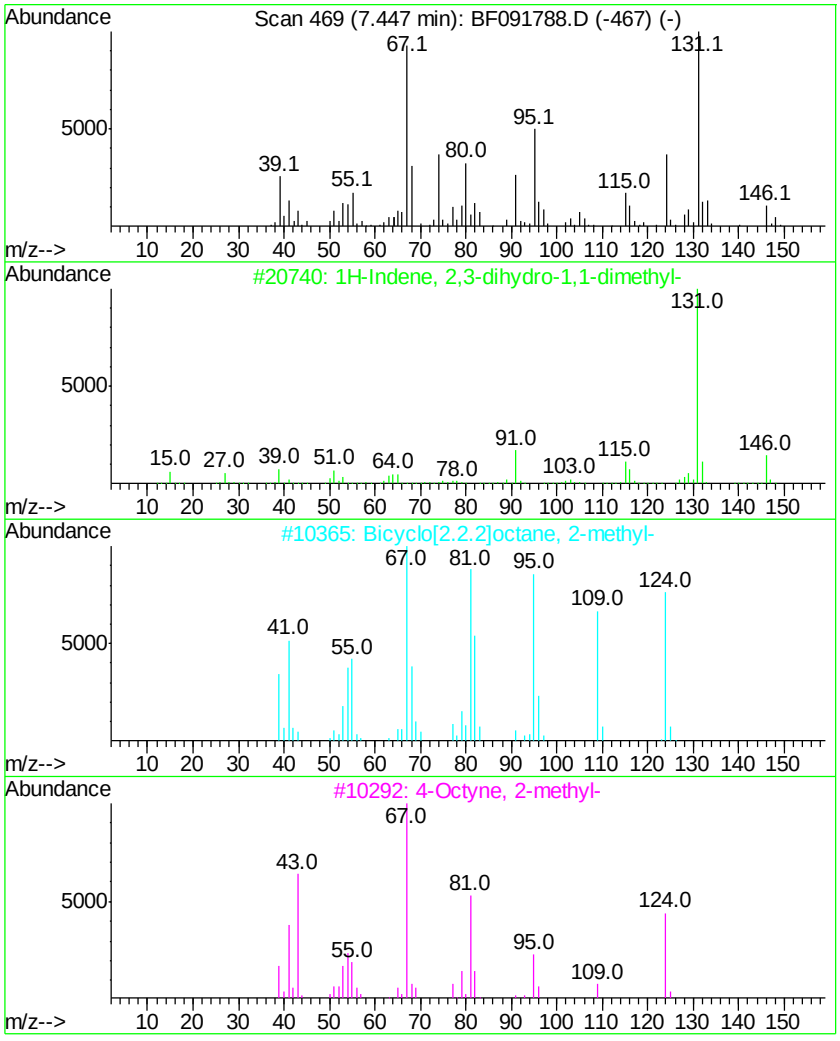
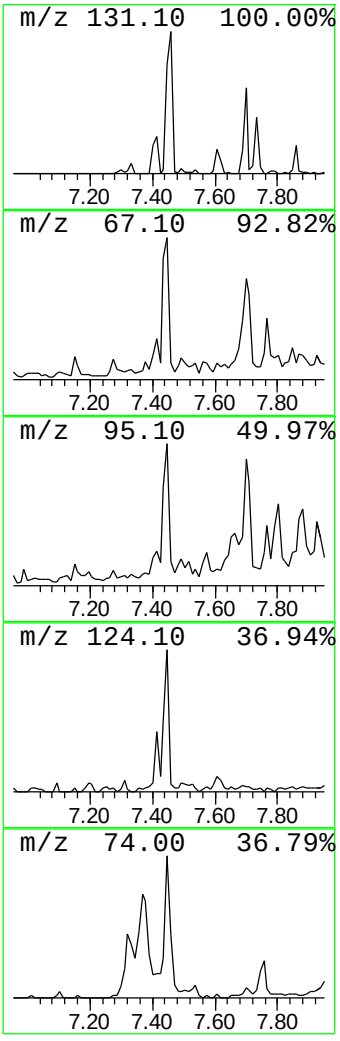
Peak Number 4 unknown7.45 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.45	4.98 ng	734913	Naphthalene-d8	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	38
2	Bicyclo[2.2.2]octane, 2-methyl-	124	C9H16	000766-53-0	35
3	4-Octyne, 2-methyl-	124	C9H16	010306-94-2	30
4	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	30
5	2-Ethylidenecyclohexanone	124	C8H12O	001122-24-3	27





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Data File : BF091788.D
Acq On : 19 Dec 2016 22:15
Operator : UM/SJ
Sample : H6011-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-08

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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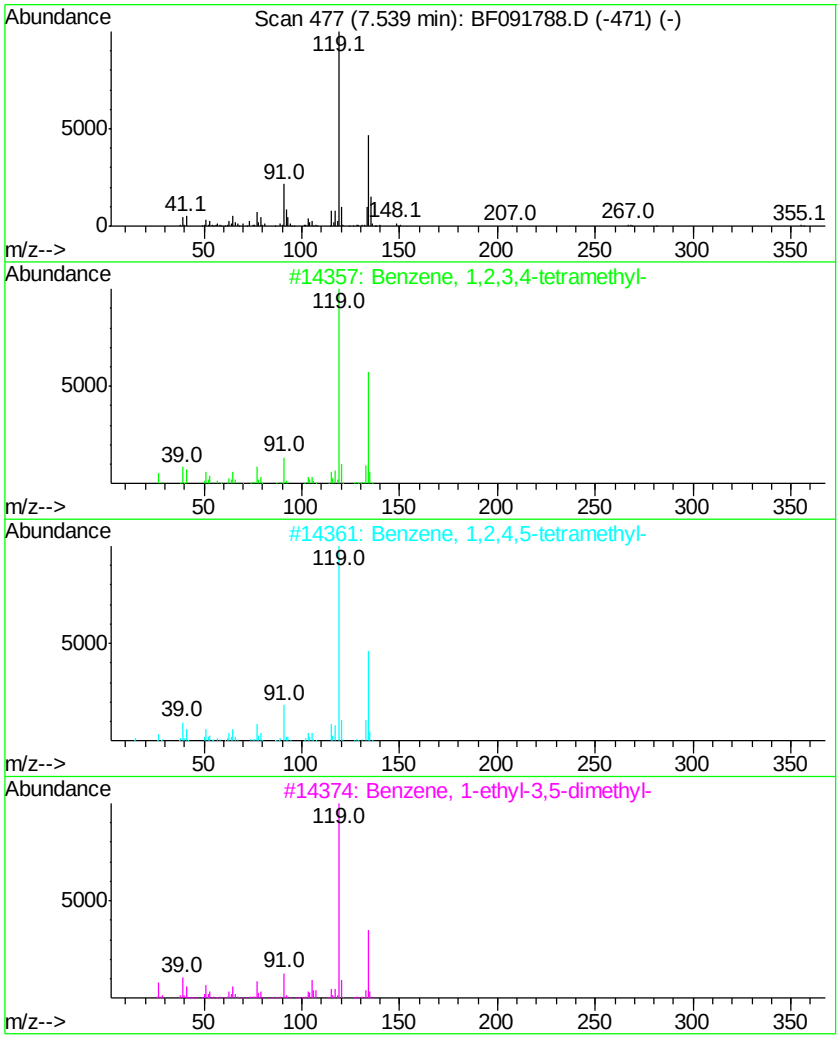
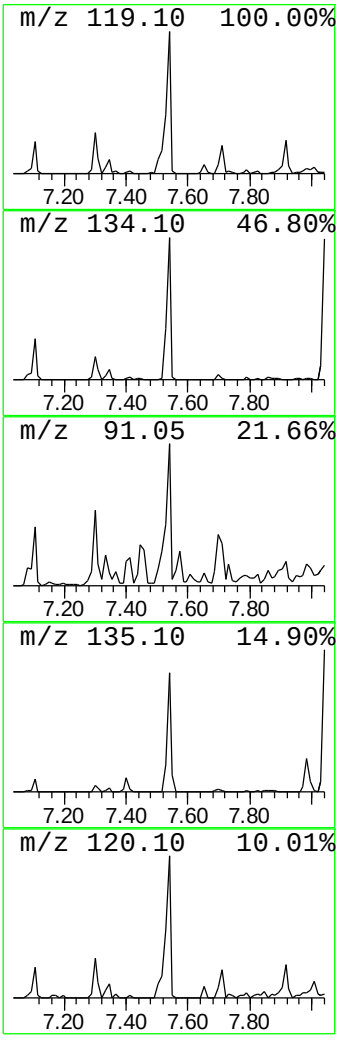
Peak Number 5 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.54	7.35 ng	1085240	Naphthalene-d8	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	90
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	90
3	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	90
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	90
5	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	87





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Sample : H6011-05
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ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-08

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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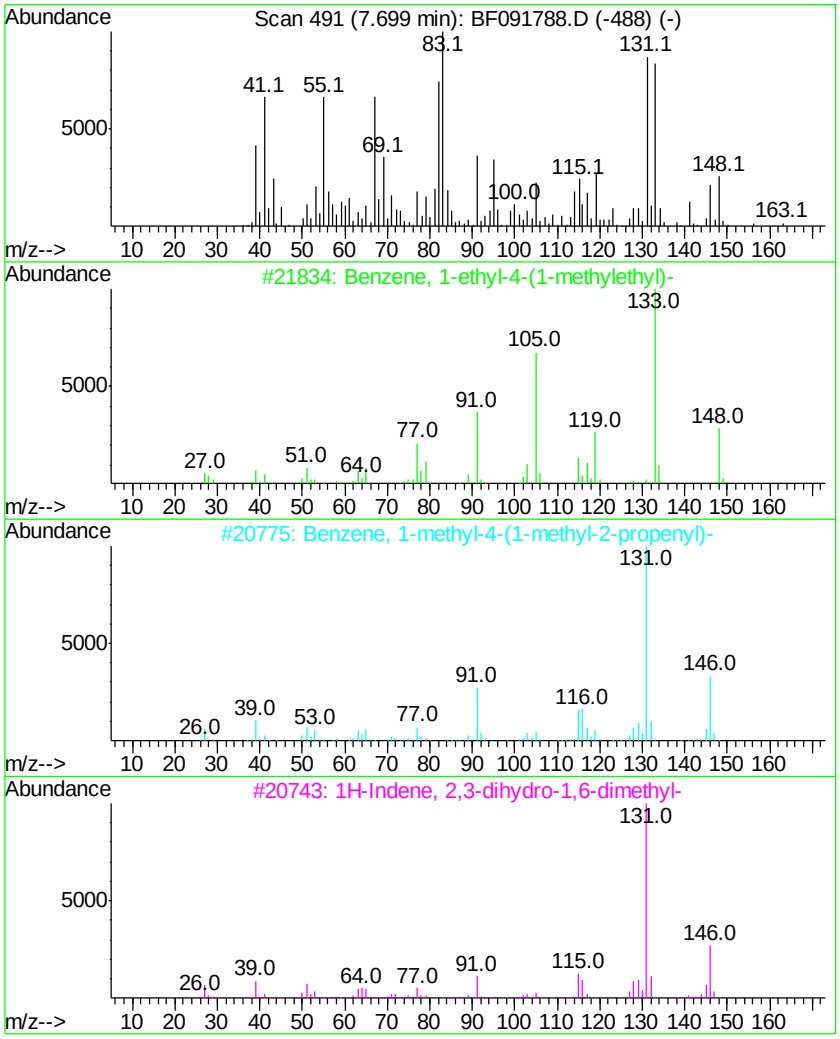
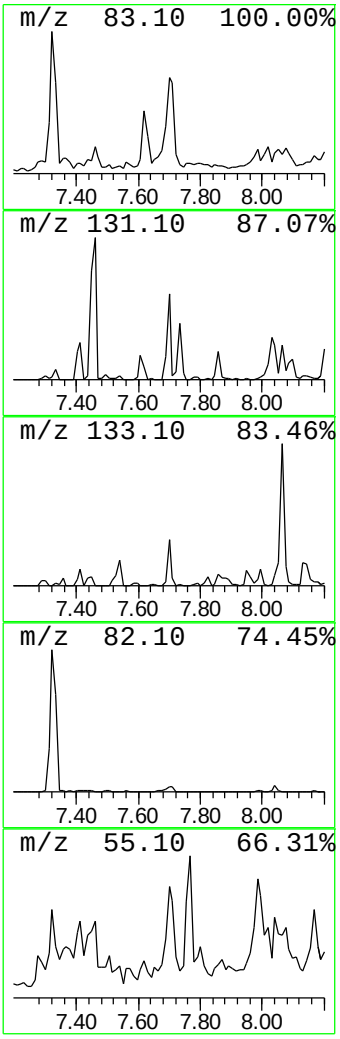
Peak Number 6 unknown7.70 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.70	6.64 ng	980933	Naphthalene-d8	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	44
2	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	25
3	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	25
4	Ethanone, 1-(4-ethylphenyl)-	148	C10H12O	000937-30-4	25
5	Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	25





Data Path : Z:\HPCHEM1\BNA F\DATA\BF121916\
Data File : BF091788.D
Acq On : 19 Dec 2016 22:15
Operator : UM/SJ
Sample : H6011-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-08

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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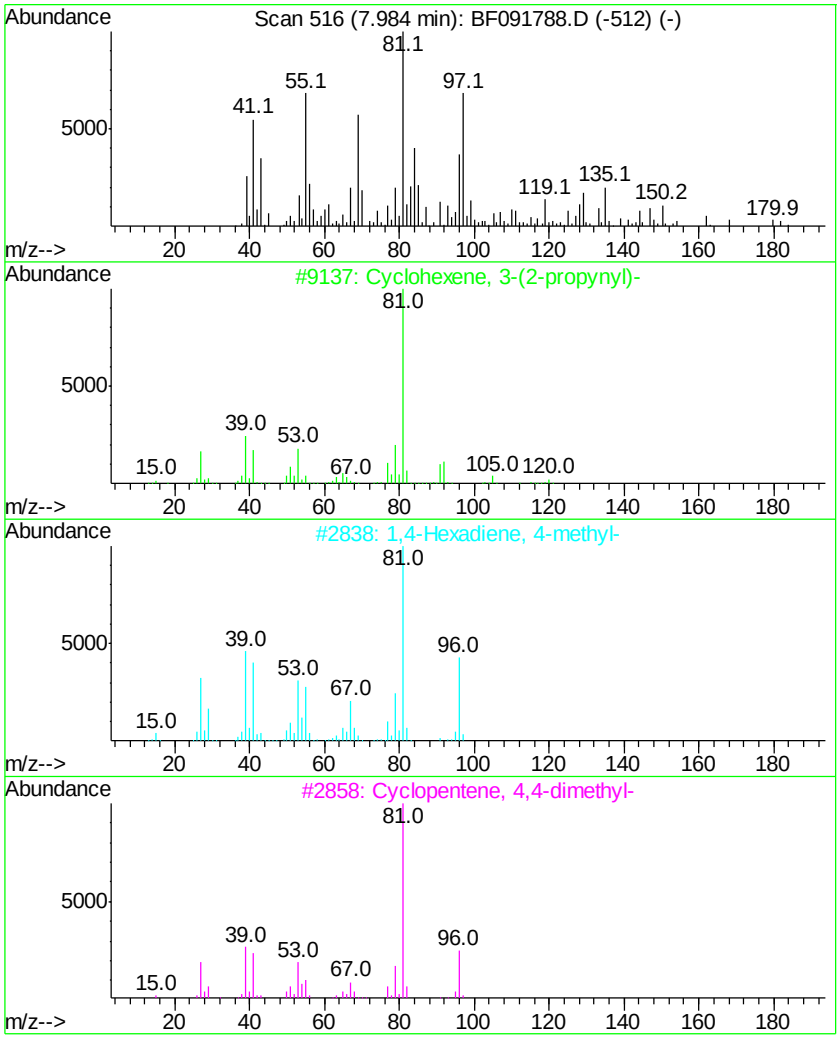
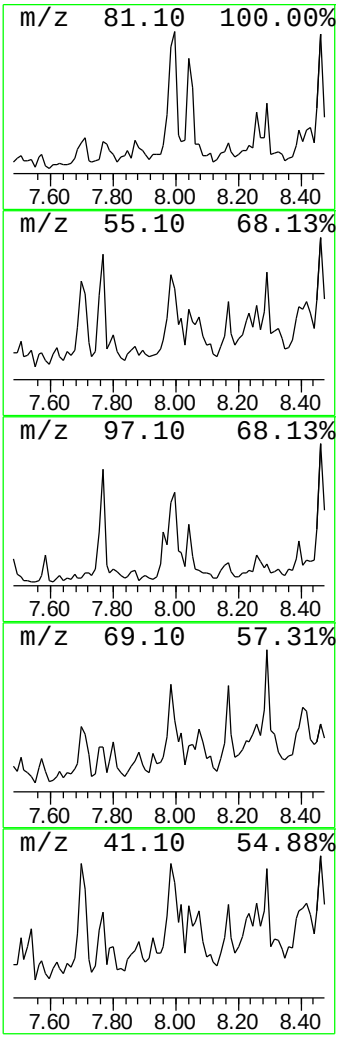
Peak Number 7 unknown7.98 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.98	7.11 ng	1049420	Naphthalene-d8	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 3-(2-propynyl)-	120	C9H12	055956-43-9	35
2	1,4-Hexadiene, 4-methyl-	96	C7H12	001116-90-1	30
3	Cyclopentene, 4,4-dimethyl-	96	C7H12	019037-72-0	30
4	Furan, 2-ethyl-	96	C6H8O	003208-16-0	27
5	2,4-Hexadiene, 2-methyl-	96	C7H12	028823-41-8	27





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121916\
Data File : BF091788.D
Acq On : 19 Dec 2016 22:15
Operator : UM/SJ
Sample : H6011-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-08

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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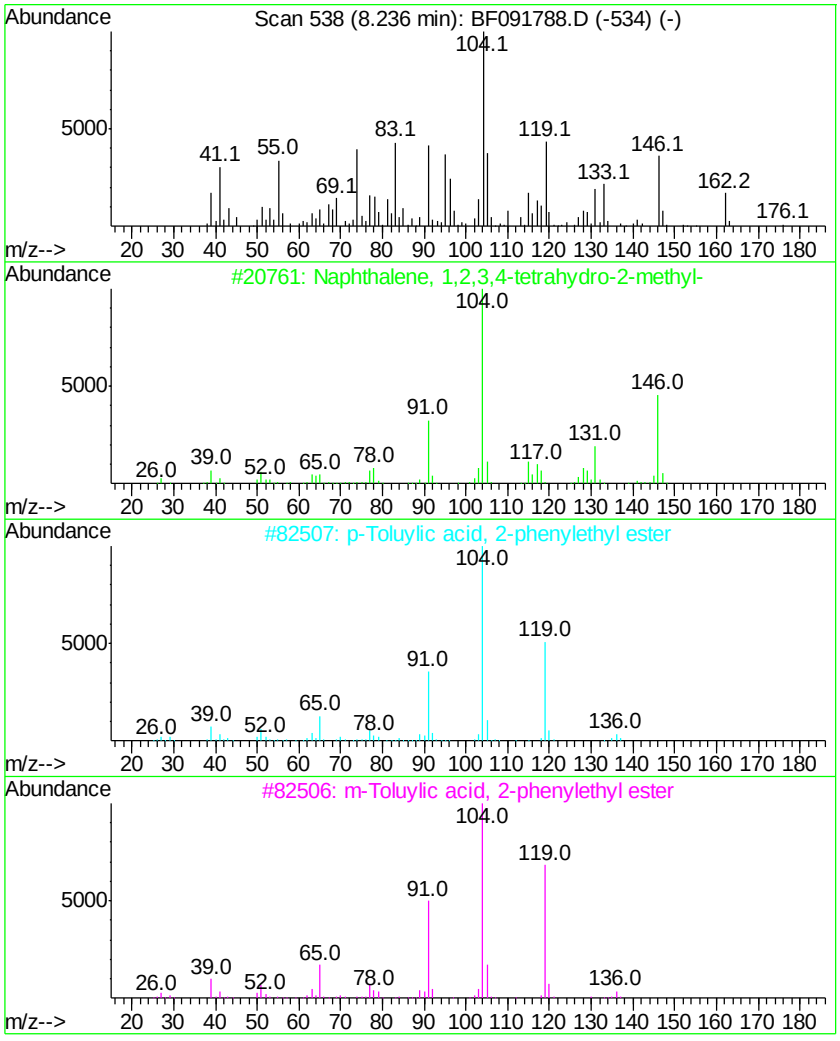
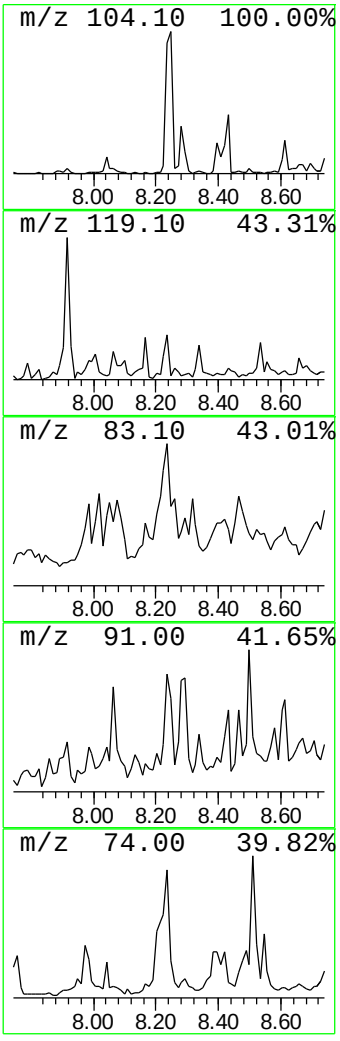
Peak Number 8 unknown8.24 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.24	6.22 ng	918547	Naphthalene-d8	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	38
2	p-Toluylic acid, 2-phenylethyl e...	240	C16H16O2	203587-50-2	22
3	m-Toluylic acid, 2-phenylethyl e...	240	C16H16O2	006641-74-3	22
4	2-Furanone, 4-phenyltetrahydro	162	C10H10O2	1000197-38-4	20
5	Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	18





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121916\
Data File : BF091788.D
Acq On : 19 Dec 2016 22:15
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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-08

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121716.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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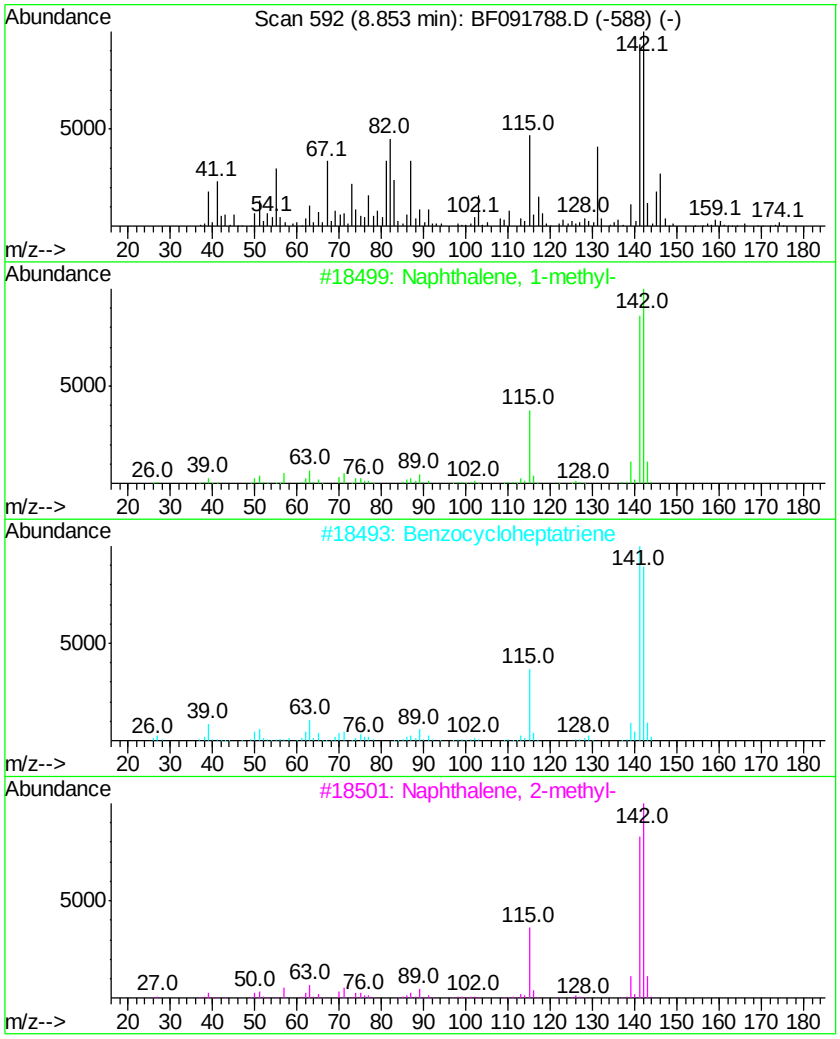
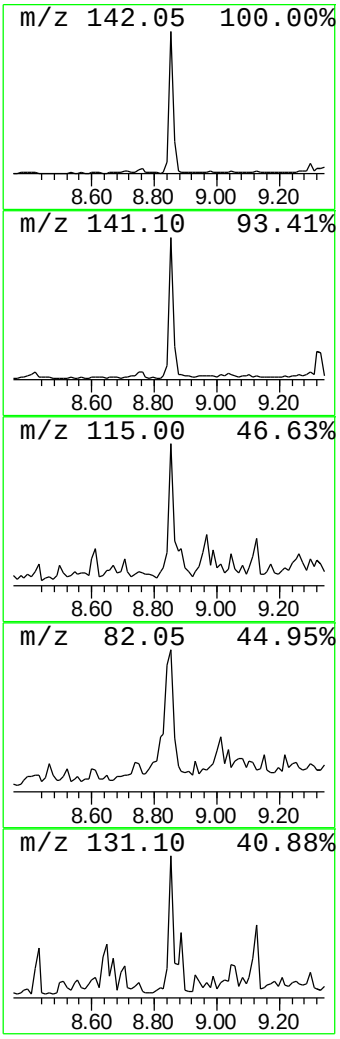
Peak Number 9 Naphthalene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.85	17.29 ng	2553320	Naphthalene-d8	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	78
2	Benzocycloheptatriene	142	C11H10	000264-09-5	64
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	60
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	53
5	Benzeneacetonitrile, 4-cyano-	142	C9H6N2	000876-31-3	38





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Data File : BF091788.D
Acq On : 19 Dec 2016 22:15
Operator : UM/SJ
Sample : H6011-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-08

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121716.M
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TIC Library : C:\DATABASE\NIST02.L
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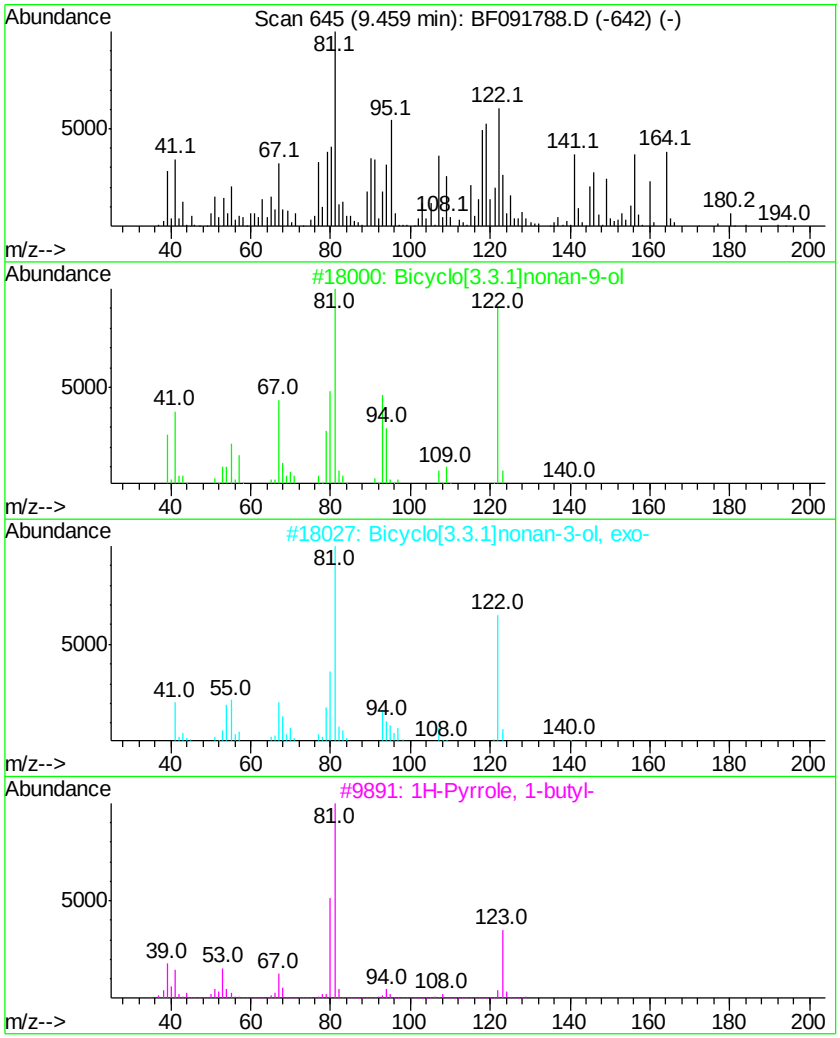
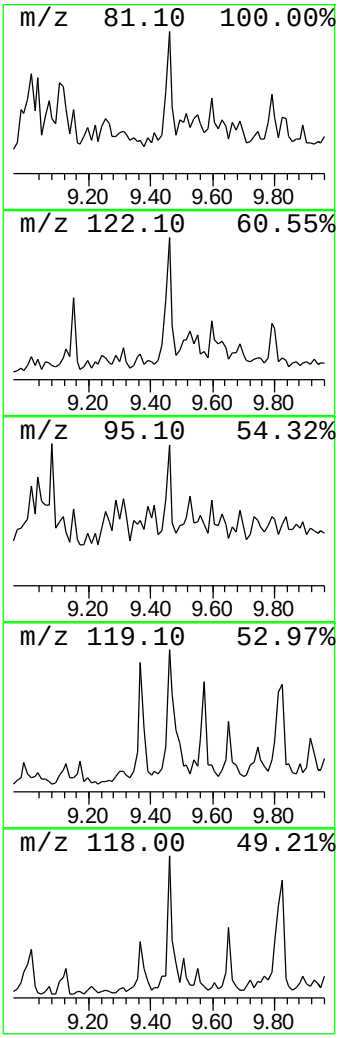
Peak Number 10 unknown9.46 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.46	7.42 ng	1318650	Acenaphthene-d10	9.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.3.1]nonan-9-ol	140	C9H16O	015598-80-8	27
2	Bicyclo[3.3.1]nonan-3-ol, exo-	140	C9H16O	010036-08-5	22
3	1H-Pyrrole, 1-butyl-	123	C8H13N	000589-33-3	18
4	Ethyl o-methylbenzoate	164	C10H12O2	000087-24-1	14
5	3-Oxatricyclo[3.2.1.0(2,4)]octan...	110	C7H10O	003146-39-2	12





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ClientSampleId : MW-08

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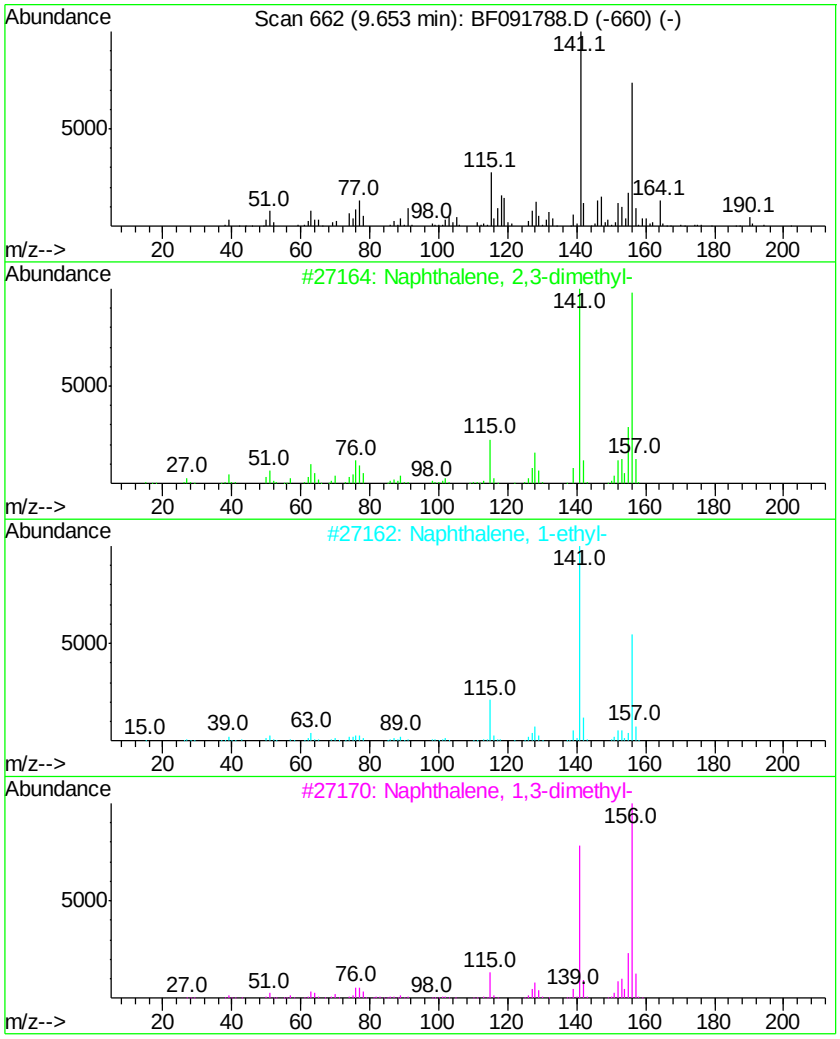
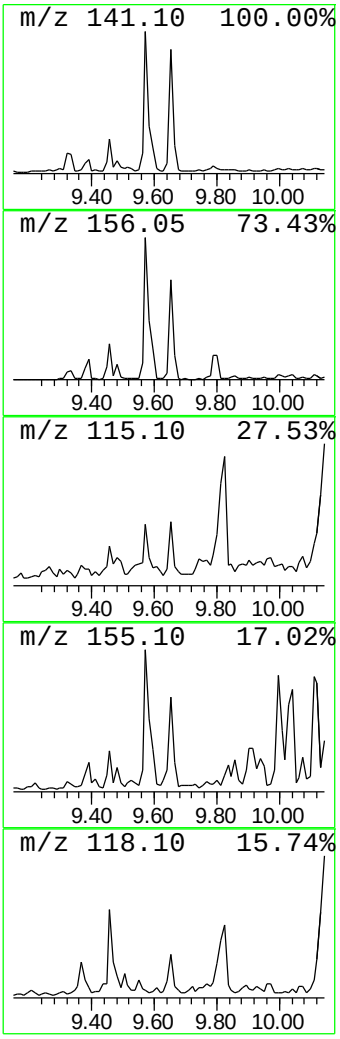
Peak Number 11 Naphthalene, 2,3-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.65	5.73 ng	1018420	Acenaphthene-d10	9.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
2	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	95
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
4	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	93
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	92





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Sample : H6011-05
Misc :
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Instrument : BNA_F
ClientSampleId : MW-08

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121716.M
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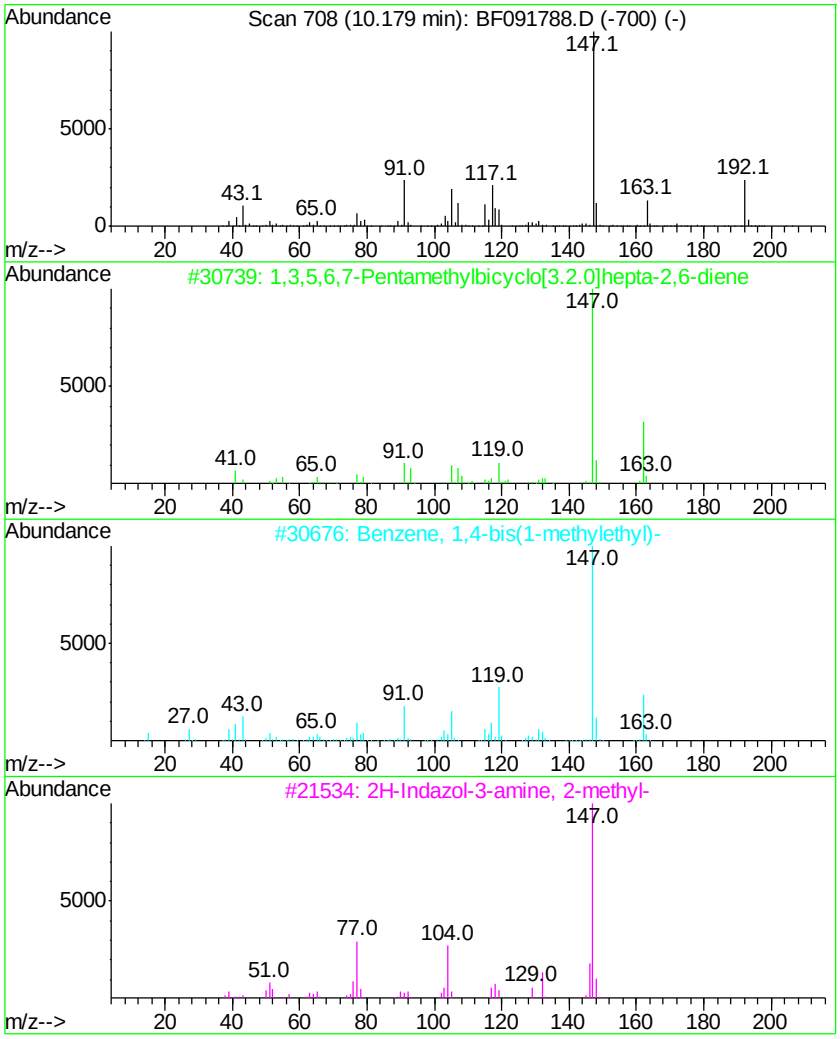
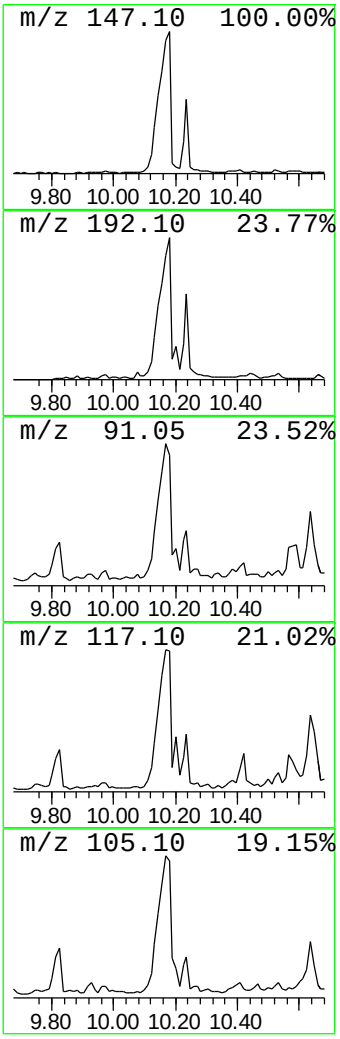
Peak Number 12 unknown10.18 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.18	73.20 ng	13017900	Acenaphthene-d10	9.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,5,6,7-Pentamethylbicyclo[3.2...	162	C12H18	003099-00-1	47
2	Benzene, 1,4-bis(1-methylethyl)-	162	C12H18	000100-18-5	47
3	2H-Indazol-3-amine, 2-methyl-	147	C8H9N3	097990-19-7	43
4	Benzene, 1-(1,1-dimethylethyl)-3...	162	C12H18	000098-19-1	43
5	Benzoic acid, 4-propyl-, 4-cyano...	265	C17H15NO2	056131-49-8	43





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Sample : H6011-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-08

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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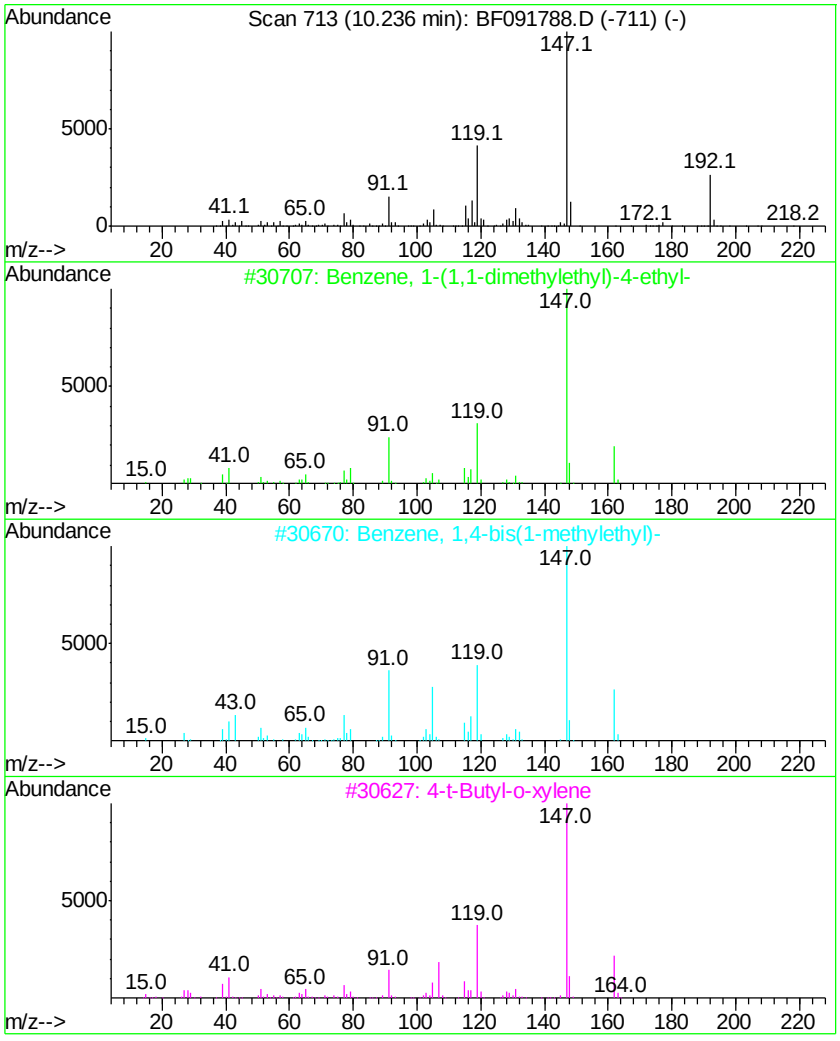
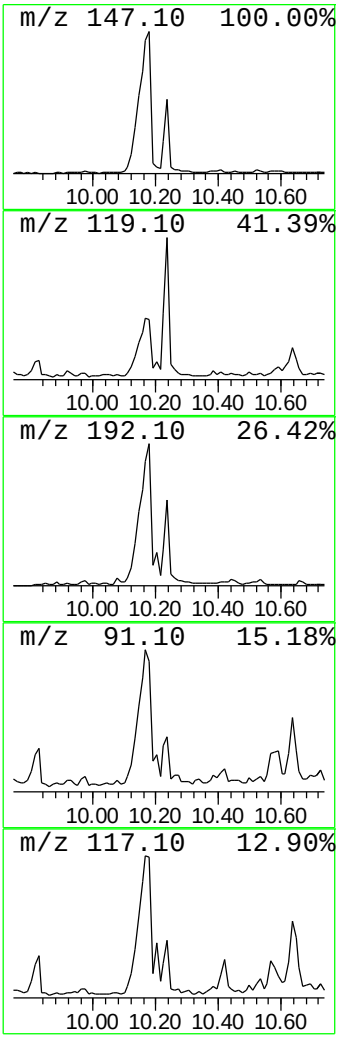
Peak Number 13 Benzene, 1-(1,1-dimethyleth... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.24	15.24 ng	2709620	Acenaphthene-d10	9.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-(1,1-dimethylethyl)-4...	162	C12H18	007364-19-4	80
2	Benzene, 1,4-bis(1-methylethyl)-	162	C12H18	000100-18-5	72
3	4-t-Butyl-o-xylene	162	C12H18	007397-06-0	64
4	1,3,5-Cycloheptatriene, 2,4-diet...	176	C13H20	1000156-99-6	64
5	2,6-Dimethylphenyl isocyanate	147	C9H9NO	028556-81-2	62





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Sample : H6011-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-08

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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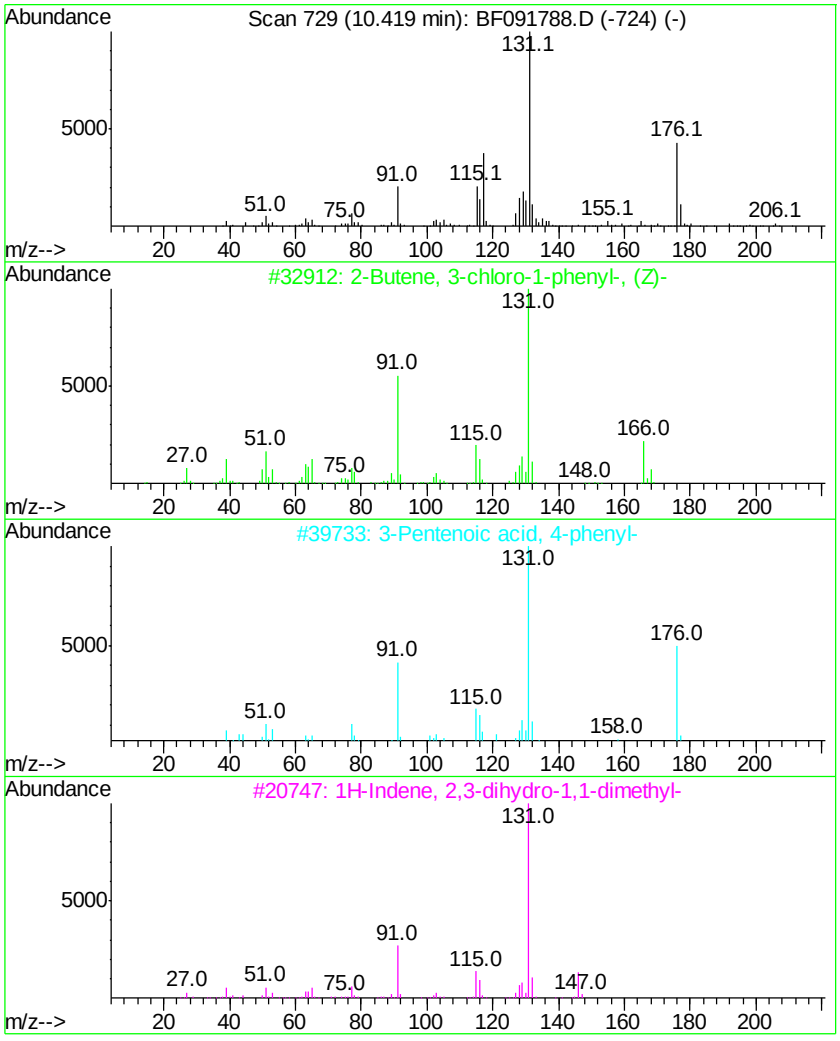
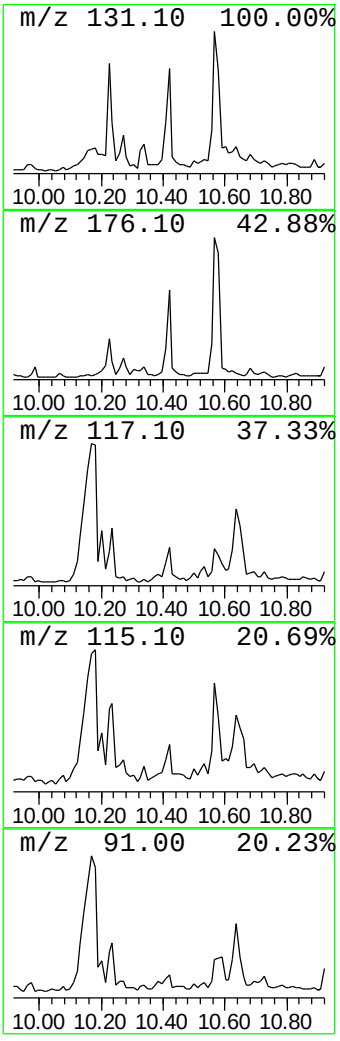
Peak Number 14 2-Butene, 3-chloro-1-phenyl... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.42	6.47 ng	1151150	Acenaphthene-d10	9.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butene, 3-chloro-1-phenyl-, (Z)-	166	C10H11Cl	016608-68-7	64
2	3-Pentenoic acid, 4-phenyl-	176	C11H12O2	053774-19-9	64
3	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	58
4	1-Naphthalenecarboxylic acid, 5,...	176	C11H12O2	004242-18-6	53
5	1H-Indene, 2,3-dihydro-4-propyl-	160	C12H16	092013-16-6	53





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Operator : UM/SJ
Sample : H6011-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-08

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121716.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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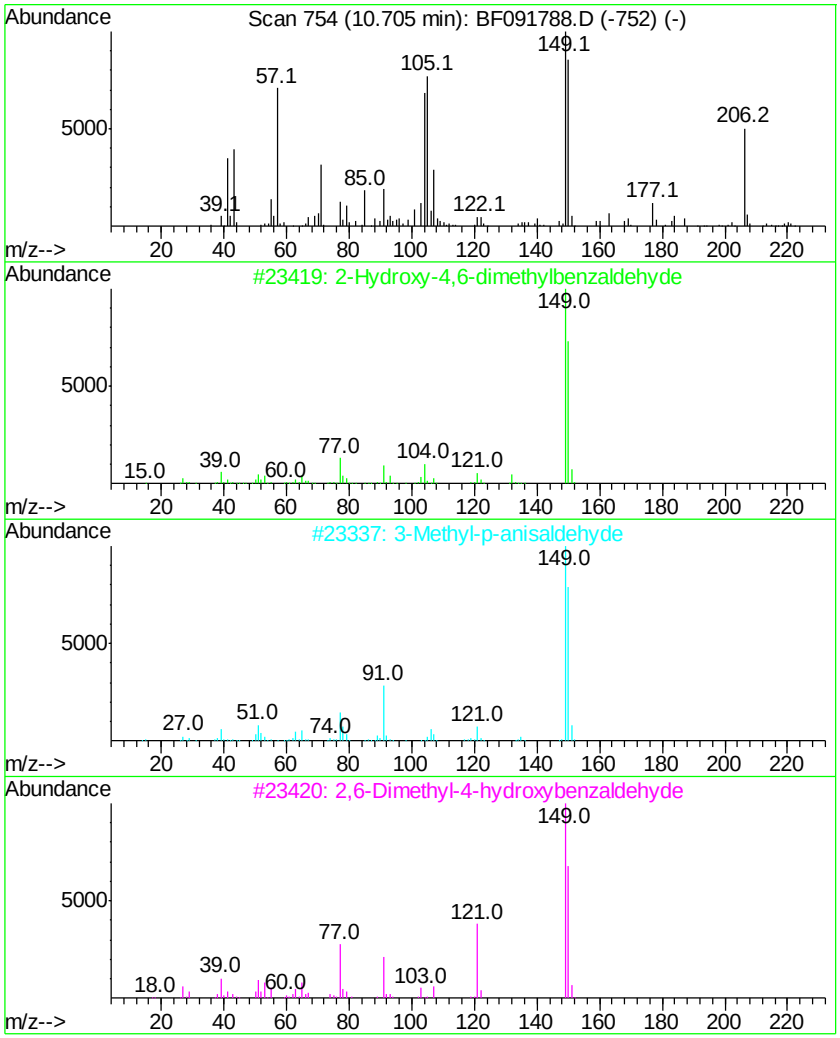
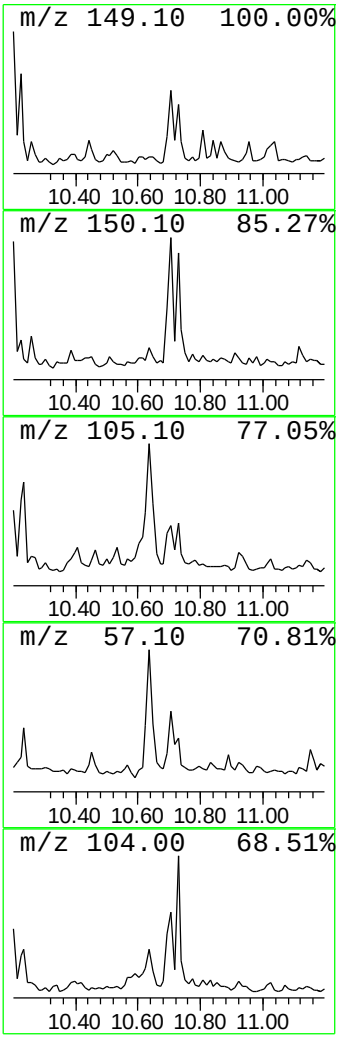
Peak Number 15 unknown10.70 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.70	5.79 ng	503279	Phenanthrene-d10	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hydroxy-4,6-dimethylbenzaldehyde	150	C9H10O2	001666-02-0	47
2	3-Methyl-p-anisaldehyde	150	C9H10O2	032723-67-4	38
3	2,6-Dimethyl-4-hydroxybenzaldehyde	150	C9H10O2	070547-87-4	38
4	Pyrazine, 3,5-diethyl-2-methyl-	150	C9H14N2	018138-05-1	32
5	5H-PYRROLO(3,2-D)PYRIMIDINE-2,4-...	149	C6H7N5	1000244-21-4	22





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Sample : H6011-05
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Instrument : BNA_F
ClientSampleId : MW-08

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TIC Library : C:\DATABASE\NIST02.L
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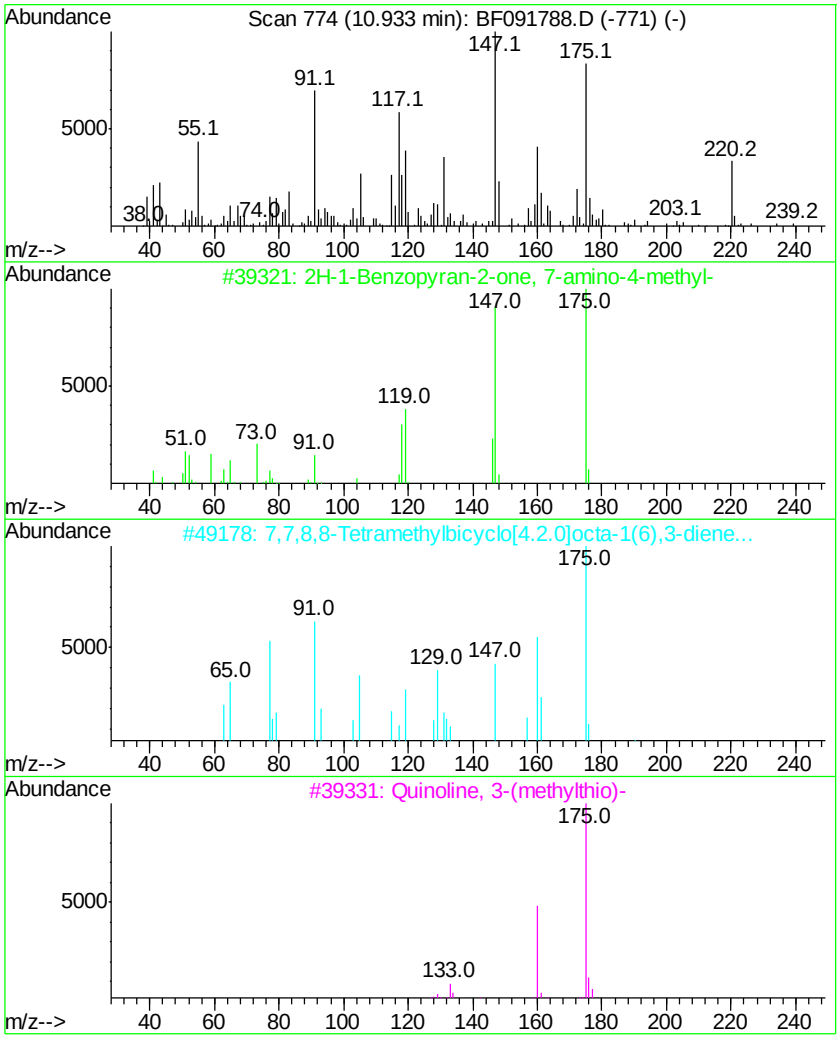
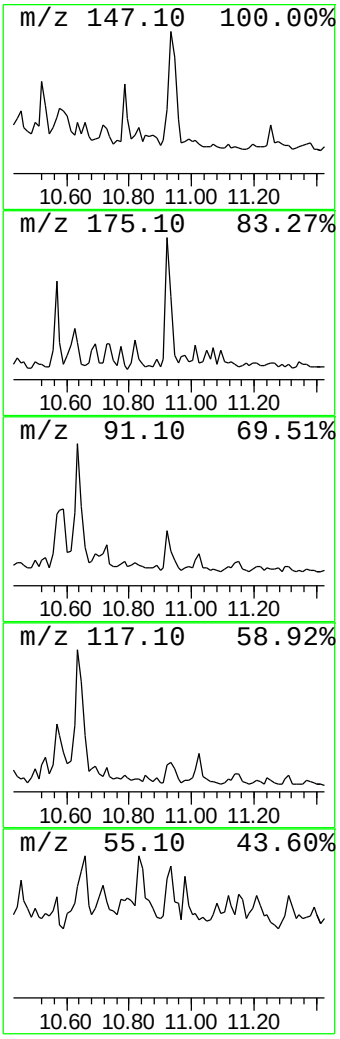
Peak Number 16 unknown10.93 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.93	9.16 ng	796870	Phenanthrene-d10	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-1-Benzopyran-2-one, 7-amino-4...	175	C10H9NO2	026093-31-2	49
2	7,7,8,8-Tetramethylbicyclo[4.2.0...	190	C12H14O2	077627-51-1	38
3	Quinoline, 3-(methylthio)-	175	C10H9NS	051934-46-4	38
4	1H-Inden-1-one, 5-amino-2,3-dihy...	147	C9H9NO	003470-54-0	30
5	2,4,6-Trimethylpropiophenone	176	C12H16O	002040-15-5	22





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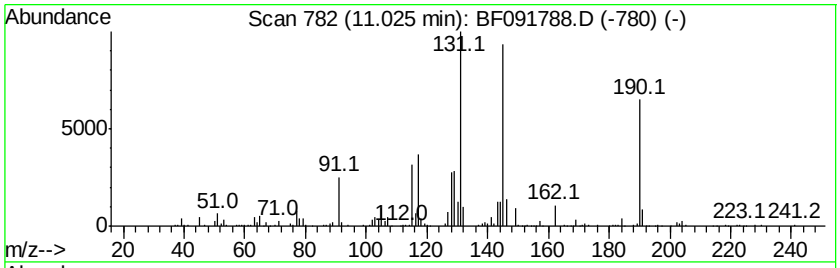
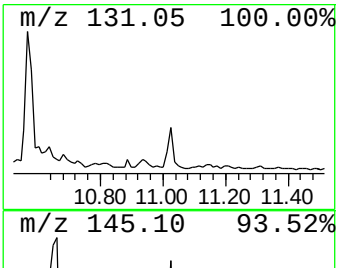
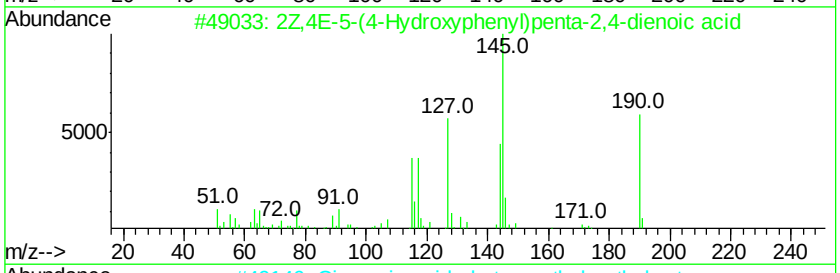
Peak Number 17 unknown11.02 Concentration Rank 10

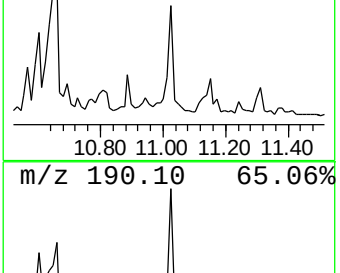
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.02	7.42 ng	645201	Phenanthrene-d10	11.28

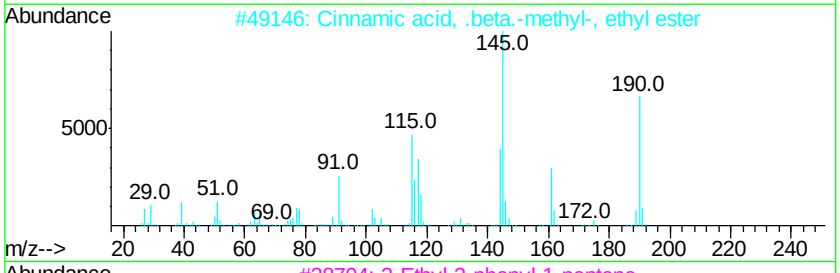
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2Z,4E-5-(4-Hydroxyphenyl)penta-2...	190	C11H10O3	1000137-43-2	46
2	Cinnamic acid, .beta.-methyl-, e...	190	C12H14O2	000945-93-7	46
3	3-Ethyl-3-phenyl-1-pentene	174	C13H18	019781-34-1	35
4	4-(3-Hydroxy-2-oxo-propylamino)-...	190	C10H10N2O2	1000187-59-1	27
5	Benzene, 1-(1,1-dimethylethyl)-4...	160	C12H16	001746-23-2	27

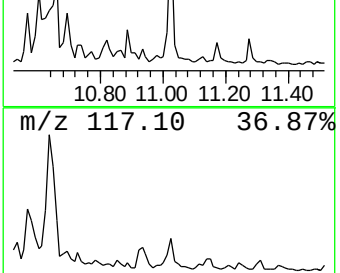


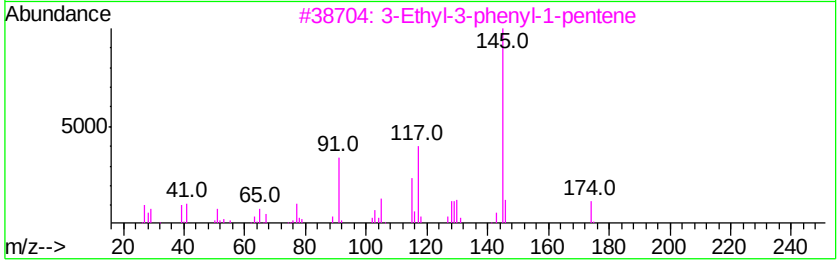


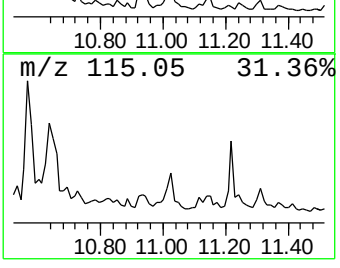












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Instrument : BNA_F
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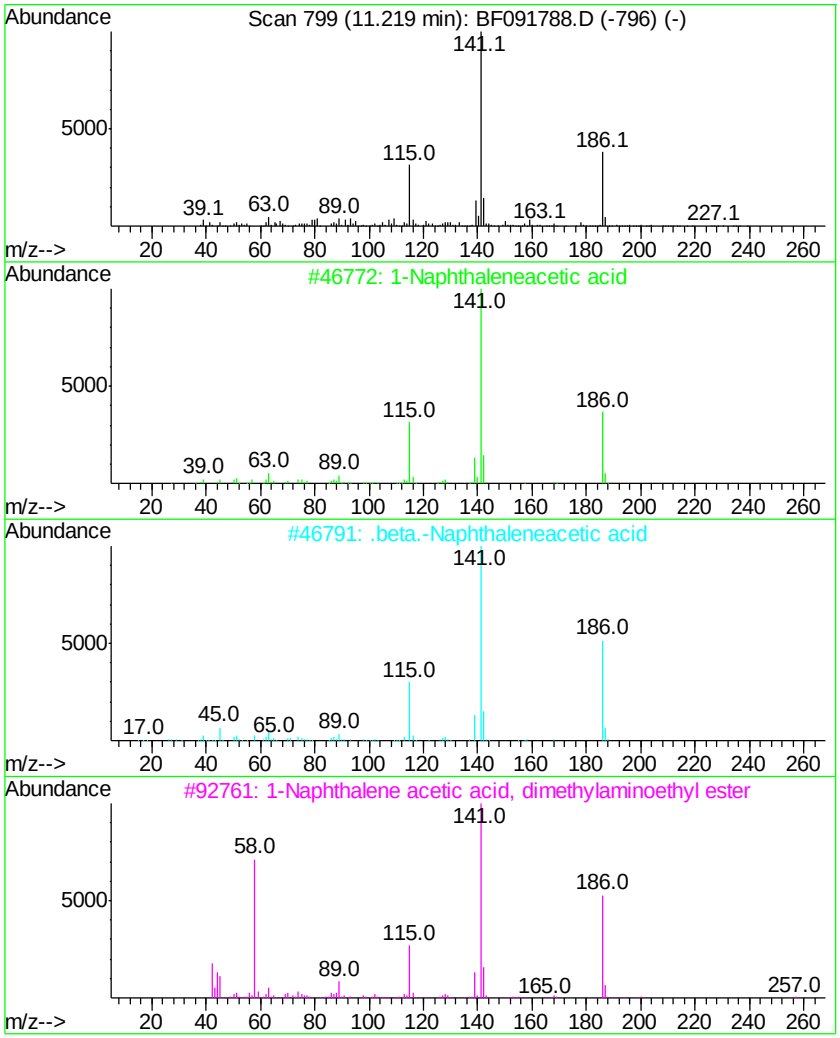
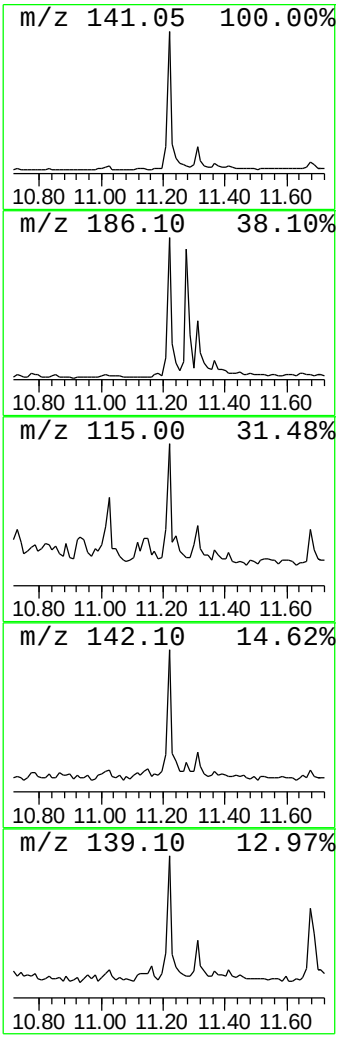
Peak Number 18 1-Naphthaleneacetic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.22	8.25 ng	717090	Phenanthrene-d10	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Naphthaleneacetic acid	186	C12H10O2	000086-87-3	97
2	.beta.-Naphthaleneacetic acid	186	C12H10O2	000581-96-4	93
3	1-Naphthalene acetic acid, dimet...	257	C16H19NO2	010593-16-5	78
4	1-Naphthaleneacetic acid, methyl...	200	C13H12O2	002876-78-0	70
5	2-Thiophenecarboxylic acid, 4-hy...	186	C8H10O3S	005556-09-2	53





Data Path : Z:\HPCHEM1\BNA F\DATA\BF121916\
Data File : BF091788.D
Acq On : 19 Dec 2016 22:15
Operator : UM/SJ
Sample : H6011-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-08

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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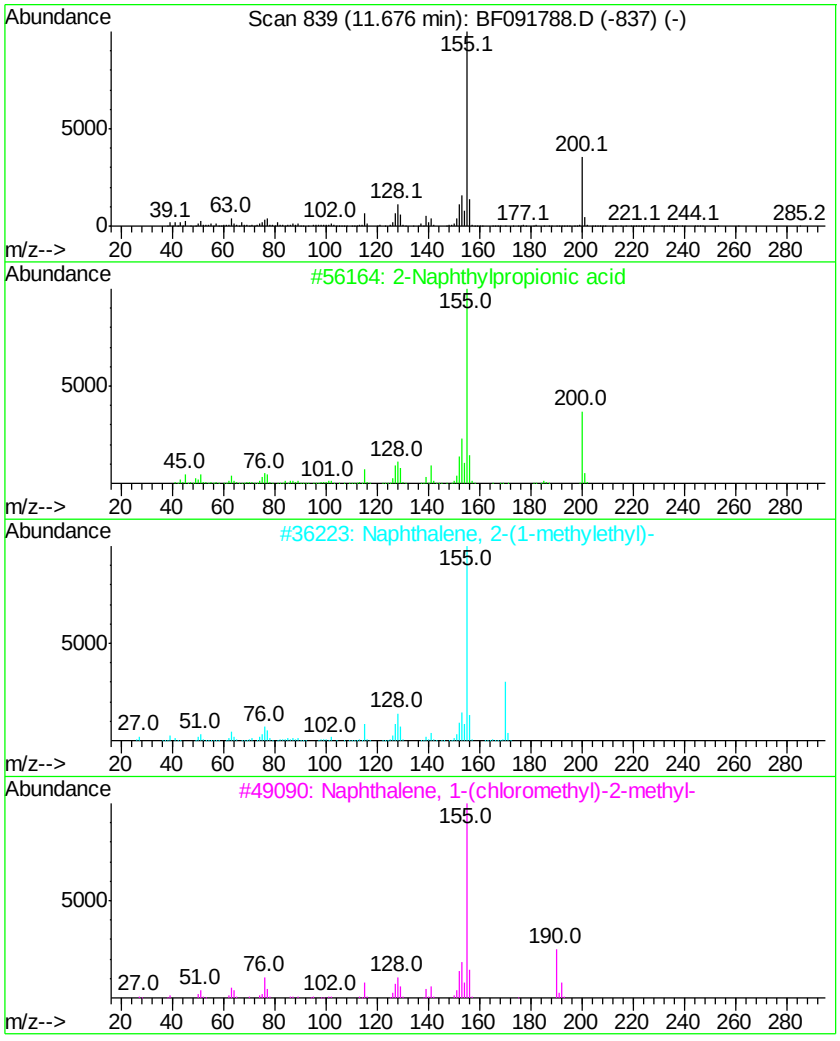
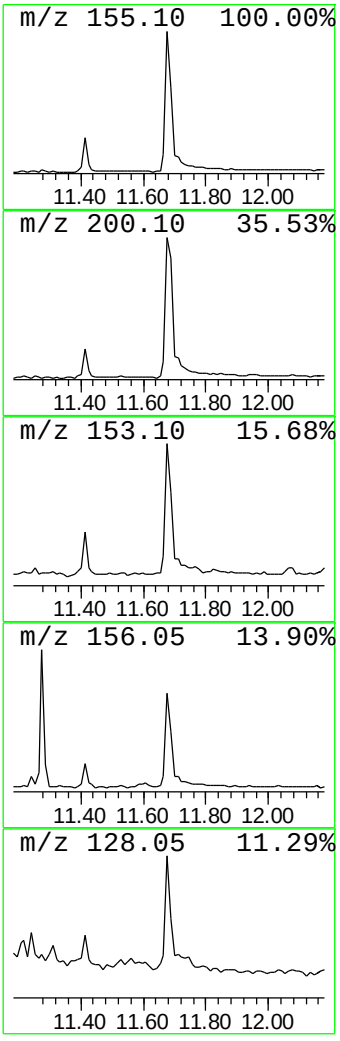
Peak Number 19 2-Naphthylpropionic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.68	10.36 ng	901320	Phenanthrene-d10	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Naphthylpropionic acid	200	C13H12O2	1000129-24-1	90
2	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	72
3	Naphthalene, 1-(chloromethyl)-2-...	190	C12H11Cl	006626-23-9	72
4	1-Naphthaleneacetic acid, 2-methyl-	200	C13H12O2	000085-08-5	70
5	Benzeneacetic acid, 3-fluoro-4-h...	200	C9H9FO4	114669-81-7	59





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121916\
Data File : BF091788.D
Acq On : 19 Dec 2016 22:15
Operator : UM/SJ
Sample : H6011-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-08

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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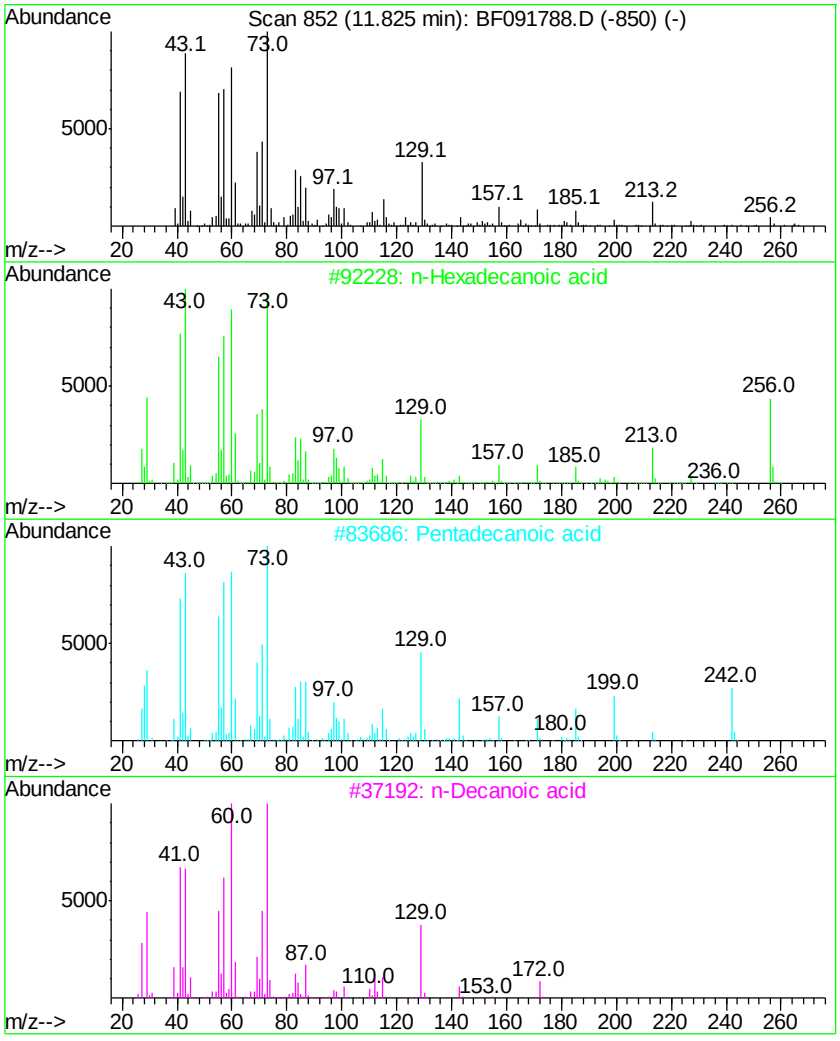
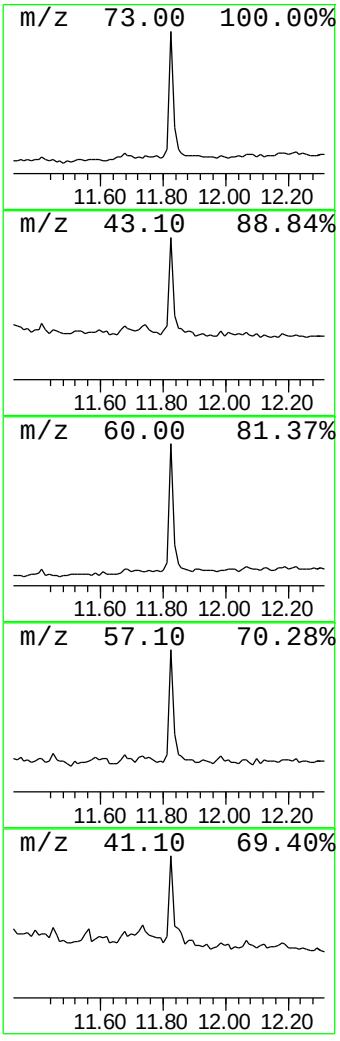
Peak Number 20 n-Hexadecanoic acid Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.82	6.50 ng	564987	Phenanthrene-d10	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
3	n-Decanoic acid	172	C10H20O2	000334-48-5	59
4	Tridecanoic acid	214	C13H26O2	000638-53-9	59
5	Undecanoic acid	186	C11H22O2	000112-37-8	47





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121916\
Data File : BF091788.D
Acq On : 19 Dec 2016 22:15
Operator : UM/SJ
Sample : H6011-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-08

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
2-Pentanone, 4-hy...	4.91	10.5	ng	808897	1	6.76	1546920	20.0
unknown6.53	6.53	72.3	ng	5589910	1	6.76	1546920	20.0
unknown7.45	7.45	5.0	ng	734913	2	8.04	2953190	20.0
Benzene, 1,2,3,4-...	7.54	7.3	ng	1085240	2	8.04	2953190	20.0
unknown7.70	7.70	6.6	ng	980933	2	8.04	2953190	20.0
unknown7.98	7.98	7.1	ng	1049420	2	8.04	2953190	20.0
unknown8.24	8.24	6.2	ng	918547	2	8.04	2953190	20.0
Naphthalene, 1-me...	8.85	17.3	ng	2553320	2	8.04	2953190	20.0
unknown9.46	9.46	7.4	ng	1318650	3	9.80	3556570	20.0
Naphthalene, 2,3-...	9.65	5.7	ng	1018420	3	9.80	3556570	20.0
unknown10.18	10.18	73.2	ng	13017900	3	9.80	3556570	20.0
Benzene, 1-(1,1-d...	10.24	15.2	ng	2709620	3	9.80	3556570	20.0
2-Butene, 3-chlor...	10.42	6.5	ng	1151150	3	9.80	3556570	20.0
unknown10.70	10.70	5.8	ng	503279	4	11.28	1739330	20.0
unknown10.93	10.93	9.2	ng	796870	4	11.28	1739330	20.0
unknown11.02	11.02	7.4	ng	645201	4	11.28	1739330	20.0
1-Naphthaleneacet...	11.22	8.3	ng	717090	4	11.28	1739330	20.0
2-Naphthylpropion...	11.68	10.4	ng	901320	4	11.28	1739330	20.0
n-Hexadecanoic acid	11.82	6.5	ng	564987	4	11.28	1739330	20.0