LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010417\
Data File : BF092088.D
Acq On : 5 Jan 2017 00:37
Operator : UM/SJ
Sample : I1004-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-03

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-BF122116.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.458	42	50	54	rVB	338068	722408	9.70%	0.399%
2	4.264	205	208	213	rVB2	214287	354007	4.75%	0.196%
3	4.721	245	248	251	rVB	286938	486313	6.53%	0.269%
4	4.790	251	254	258	rBV2	602944	1019964	13.70%	0.563%
5	5.007	270	273	275	rBV2	243067	370008	4.97%	0.204%
6	5.190	286	289	290	rBV	258089	351849	4.73%	0.194%
7	5.259	293	295	297	rBV	2413767	2326890	31.25%	1.285%
8	5.384	304	306	309	rBV2	213517	481305	6.46%	0.266%
9	5.476	312	314	319	rBV5	197651	436395	5.86%	0.241%
10	5.647	323	329	331	rBV2	302587	560005	7.52%	0.309%
11	5.807	339	343	345	rBV2	1043926	1566341	21.04%	0.865%
12	5.899	349	351	354	rVB	956746	1284492	17.25%	0.709%
13	5.956	354	356	357	rBV	465113	479259	6.44%	0.265%
14	6.104	364	369	372	rVB2	1131186	2085262	28.00%	1.152%
15	6.173	372	375	377	rBV3	605951	968733	13.01%	0.535%
16	6.264	381	383	384	rBV	213788	377366	5.07%	0.208%
17	6.299	384	386	387	rBV2	376894	690407	9.27%	0.381%
18	6.322	387	388	393	rVB	2070276	2400036	32.23%	1.325%
19	6.402	393	395	396	rBV2	455901	746936	10.03%	0.413%
20	6.436	396	398	400	rVB	4507580	4395026	59.02%	2.427%
21	6.619	410	414	416	rBV2	821886	1692858	22.73%	0.935%
22	6.664	416	418	419	rBV	1162785	1306379	17.54%	0.721%
23	6.813	429	431	436	rVB3	3548784	7402850	99.42%	4.088%
24	6.916	436	440	445	rVB4	1437615	2389855	32.09%	1.320%
25	7.007	445	448	451	rBV3	886970	1887499	25.35%	1.042%
26	7.053	451	452	454	rBV2	704178	692363	9.30%	0.382%
27	7.156	458	461	462	rBV2	215966	397386	5.34%	0.219%
28	7.213	462	466	467	rBV2	3317749	5739384	77.08%	3.170%
29	7.236	467	468	472	rVB2	4096664	4396243	59.04%	2.428%
30	7.316	472	475	477	rVB3	1330124	1924910	25.85%	1.063%
31	7.362	477	479	480	rBV	662196	773704	10.39%	0.427%
32	7.384	480	481	483	rVB2	352815	408219	5.48%	0.225%
33	7.442	483	486	487	rBV2	2392726	2690534	36.13%	1.486%
34	7.476	487	489	491	rVB	955496	1162018	15.61%	0.642%

LSC Area Percent Report

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Acq On : 5 Jan 2017 00:37
Operator : UM/SJ
Sample : I1004-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-03

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-BF122116.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.522	491	493	495	rBV2	418325	714912	9.60%	0.395%
36	7.590	495	499	500	rBV3	1063169	2808245	37.71%	1.551%
37	7.625	500	502	505	rVB2	1473065	2368311	31.81%	1.308%
38	7.693	505	508	510	rBV2	4300327	5989137	80.43%	3.308%
39	7.727	510	511	513	rVB2	565074	574291	7.71%	0.317%
40	7.785	513	516	518	rBV3	1268062	1959899	26.32%	1.082%
41	7.842	518	521	524	rBV2	896378	2026518	27.22%	1.119%
42	7.945	524	530	532	rBV3	2846414	7446325	100.00%	4.112%
43	8.002	534	535	536	rVV	1325167	955529	12.83%	0.528%
44	8.047	538	539	541	rVB	827853	701368	9.42%	0.387%
45	8.116	543	545	546	rBV	870059	1073897	14.42%	0.593%
46	8.150	546	548	550	rVB3	824722	1097690	14.74%	0.606%
47	8.196	550	552	553	rBV	1061676	1023364	13.74%	0.565%
48	8.242	553	556	558	rVB4	1250211	3010813	40.43%	1.663%
49	8.287	558	560	561	rBV2	462354	647104	8.69%	0.357%
50	8.333	562	564	566	rVB3	716691	1197994	16.09%	0.662%
51	8.390	566	569	571	rBV	3433012	4349963	58.42%	2.402%
52	8.459	573	575	577	rVB3	1437831	1406115	18.88%	0.777%
53	8.619	586	589	590	rBV2	899196	1487128	19.97%	0.821%
54	8.642	590	591	594	rVB3	1358852	2350680	31.57%	1.298%
55	8.699	594	596	597	rBV	392285	630277	8.46%	0.348%
56	8.733	597	599	600	rBV	988593	1450339	19.48%	0.801%
57	8.767	600	602	607	rVB	4762855	5758968	77.34%	3.180%
58	8.870	609	611	612	rVB	1012923	1159050	15.57%	0.640%
59	8.905	612	614	615	rBV	566673	644485	8.66%	0.356%
60	8.985	618	621	623	rVV	2876847	3736820	50.18%	2.064%
61	9.030	623	625	627	rVV	4331787	4428304	59.47%	2.446%
62	9.076	627	629	631	rVV3	480775	734326	9.86%	0.406%
63	9.110	631	632	635	rVV3	550958	897486	12.05%	0.496%
64	9.179	636	638	641	rVV4	681223	1404419	18.86%	0.776%
65	9.225	641	642	645	rVB3	638632	864187	11.61%	0.477%
66	9.293	645	648	650	rBV	1560272	2301859	30.91%	1.271%
67	9.362	650	654	656	rBV	2119020	4430692	59.50%	2.447%
68	9.396	656	657	659	rVV2	2004212	2267878	30.46%	1.252%
69	9.442	659	661	662	rVV	2476245	2668231	35.83%	1.474%
70	9.476	662	664	669	rVB3	986226	2369017	31.81%	1.308%
71	9.556	669	671	675	rBV4	512668	1589476	21.35%	0.878%

LSC Area Percent Report

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Misc :
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Instrument : BNA_F
ClientSampleId : MW-03

Integration Parameters: rteint.p
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	9.613	675	676	678	rVB2	759175	622070	8.35%	0.344%
73	9.705	678	684	685	rBV3	1436808	4205959	56.48%	2.323%
74	9.819	690	694	695	rBV3	874816	1437269	19.30%	0.794%
75	9.853	695	697	700	rVV3	1058967	2303463	30.93%	1.272%
76	9.910	700	702	704	rVV2	884207	1615641	21.70%	0.892%
77	9.968	704	707	710	rVV2	985492	2102732	28.24%	1.161%
78	10.025	710	712	713	rVV	754297	1285754	17.27%	0.710%
79	10.048	713	714	716	rVV	1035826	1733202	23.28%	0.957%
80	10.093	716	718	720	rVV2	1386614	2140183	28.74%	1.182%
81	10.162	722	724	726	rVV2	835223	1205142	16.18%	0.666%
82	10.242	730	731	732	rVV	642494	501375	6.73%	0.277%
83	10.299	733	736	740	rVV6	572902	1551617	20.84%	0.857%
84	10.368	740	742	744	rVB2	692447	1007507	13.53%	0.556%
85	10.493	749	753	755	rVV2	3427670	5429917	72.92%	2.999%
86	10.528	755	756	760	rVB4	537239	951181	12.77%	0.525%
87	10.631	762	765	767	rVB	1039305	1373829	18.45%	0.759%
88	10.825	780	782	785	rVB3	346538	663723	8.91%	0.367%
89	10.893	785	788	795	rVV6	363682	1239106	16.64%	0.684%
90	11.088	803	805	808	rVV4	327754	570907	7.67%	0.315%
91	11.179	811	813	814	rVV	1667302	1777559	23.87%	0.982%
92	11.202	814	815	820	rVB4	256418	506539	6.80%	0.280%
93	11.659	850	855	858	rBV6	223093	572445	7.69%	0.316%
94	11.728	859	861	865	rVB2	544586	637305	8.56%	0.352%
95	11.934	877	879	885	rVB	237790	363744	4.88%	0.201%
96	12.459	923	925	927	rVB	607471	577702	7.76%	0.319%
97	12.505	927	929	935	rBV	439120	648475	8.71%	0.358%
98	12.768	949	952	954	rVB	3973818	5551888	74.56%	3.066%
99	13.797	1040	1042	1045	rBV	1327513	1716474	23.05%	0.948%
100	15.168	1160	1162	1165	rBV	851394	1288998	17.31%	0.712%

Sum of corrected areas: 181074007

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010417\
Data File : BF092088.D
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Sample : I1004-12
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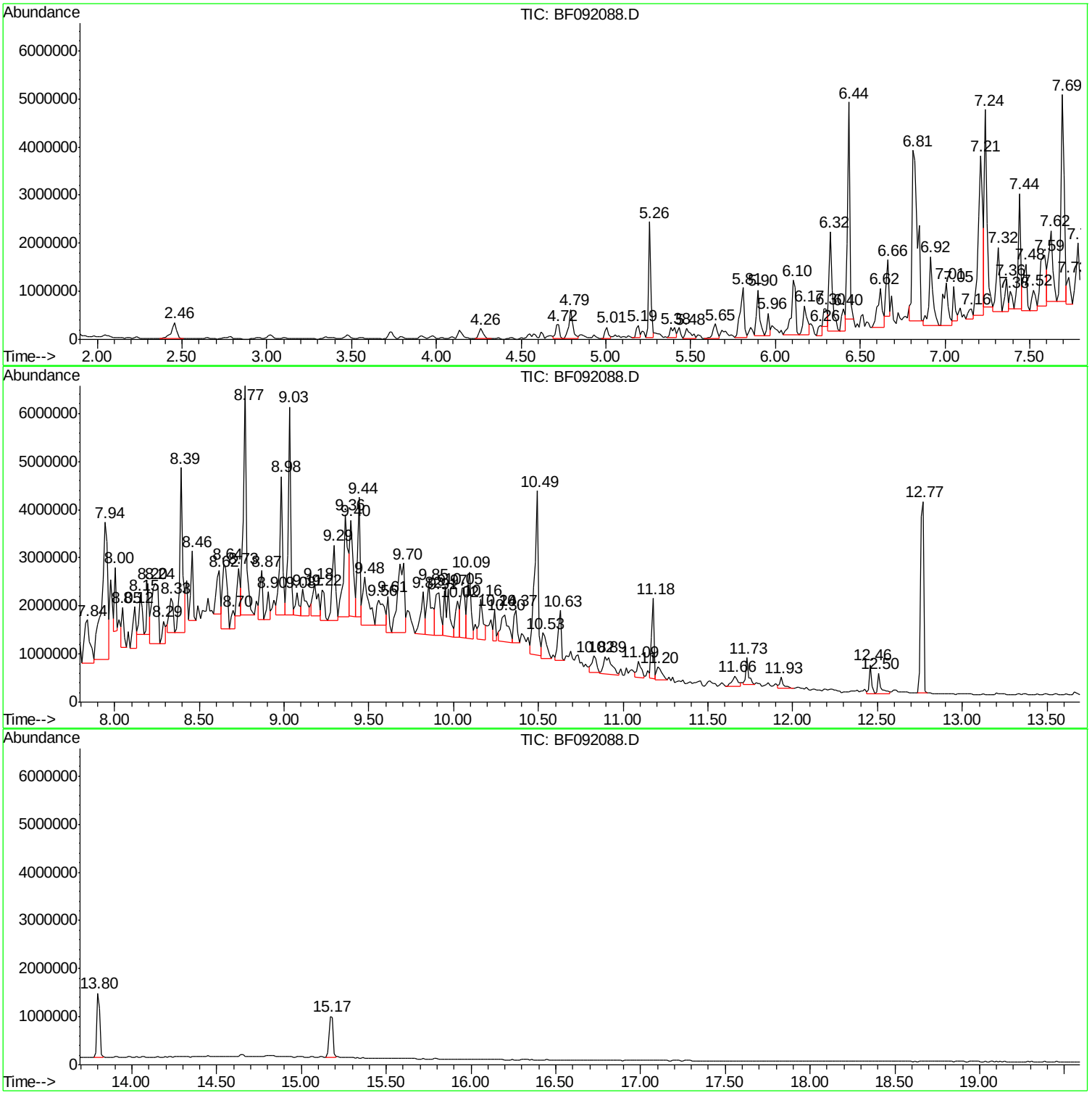
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-03

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.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\BF010417\
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Acq On : 5 Jan 2017 00:37
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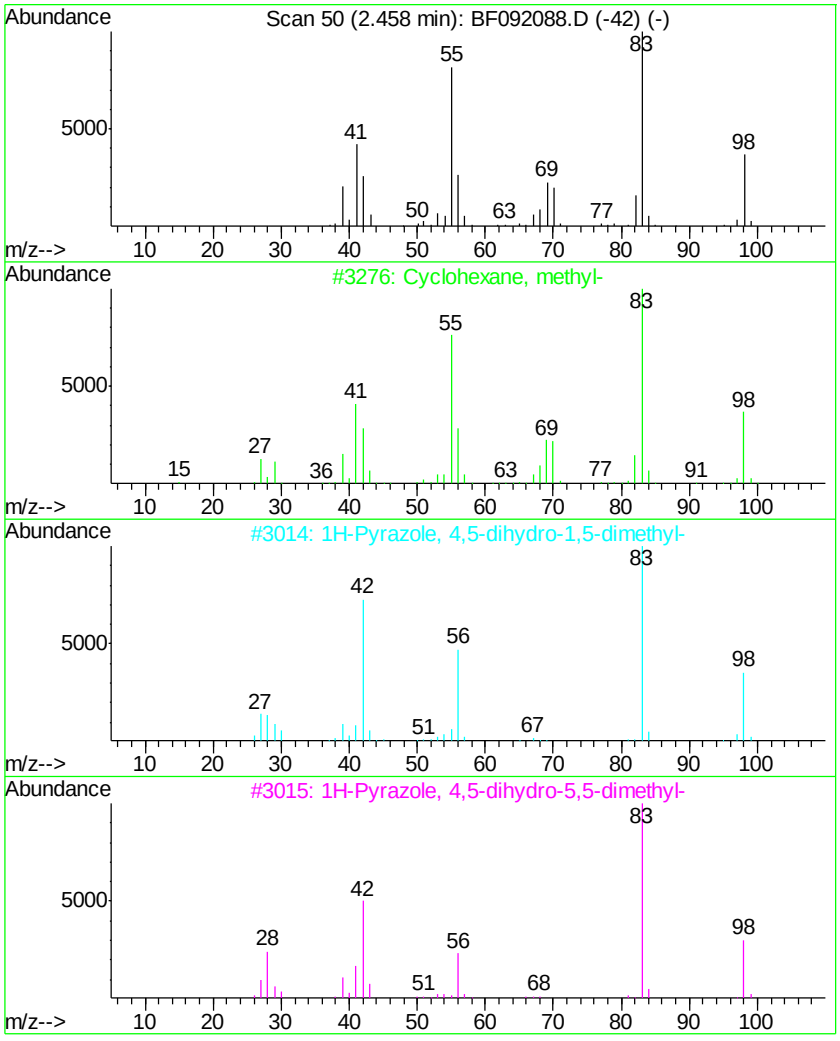
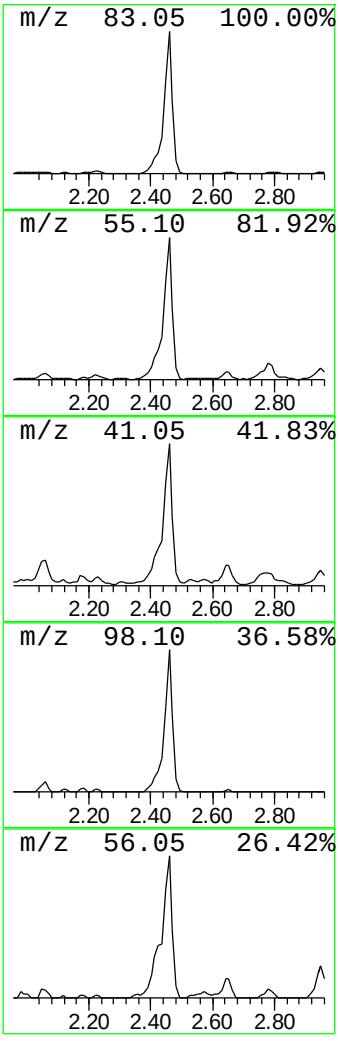
****

Peak Number 1 Cyclohexane, methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.46	11.06 ng	722408	1,4-Dichlorobenzene-d4	6.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, methyl-	98	C7H14	000108-87-2	96
2	1H-Pyrazole, 4,5-dihydro-1,5-dim...	98	C5H10N2	005775-96-2	64
3	1H-Pyrazole, 4,5-dihydro-5,5-dim...	98	C5H10N2	004320-85-8	58
4	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	58
5	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	52





Data Path : Z:\HPCHEM1\BNA F\DATA\BF010417\
Data File : BF092088.D
Acq On : 5 Jan 2017 00:37
Operator : UM/SJ
Sample : I1004-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-03

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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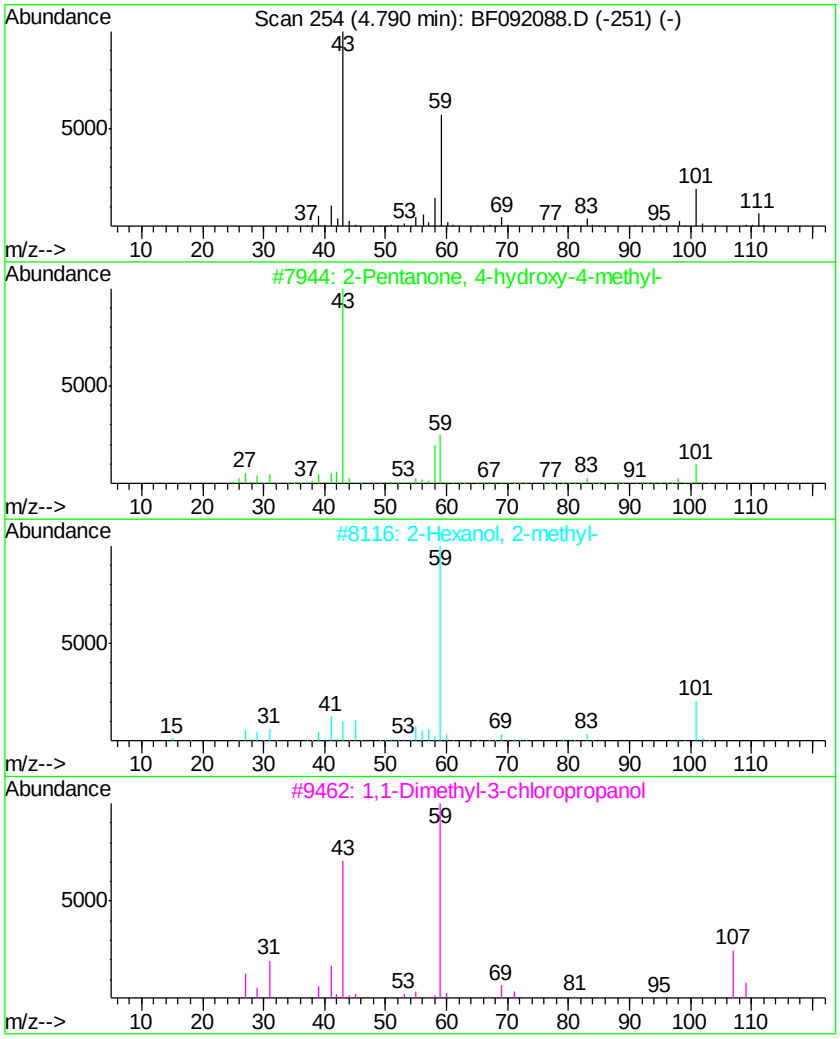
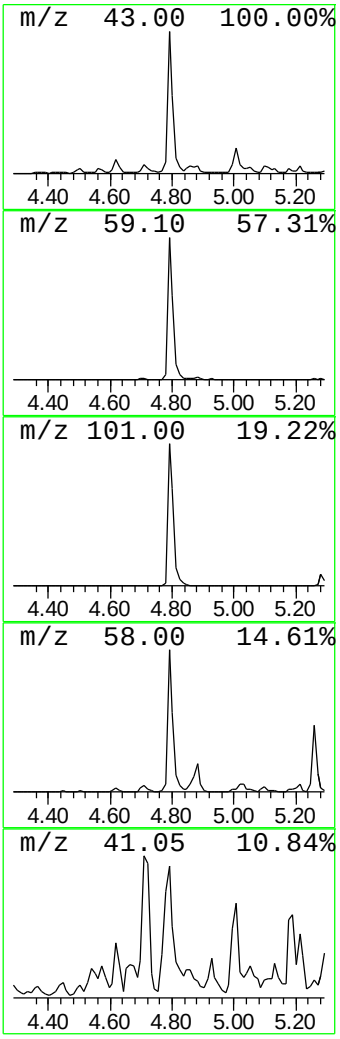
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.79	15.62 ng	1019960	1,4-Dichlorobenzene-d4	6.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	50
3	1,1-Dimethyl-3-chloropropanol	122	C5H11ClO	001985-88-2	23
4	3-Pentanol, 2-methyl-	102	C6H14O	000565-67-3	17
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	12





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Operator : UM/SJ
Sample : I1004-12
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ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-03

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

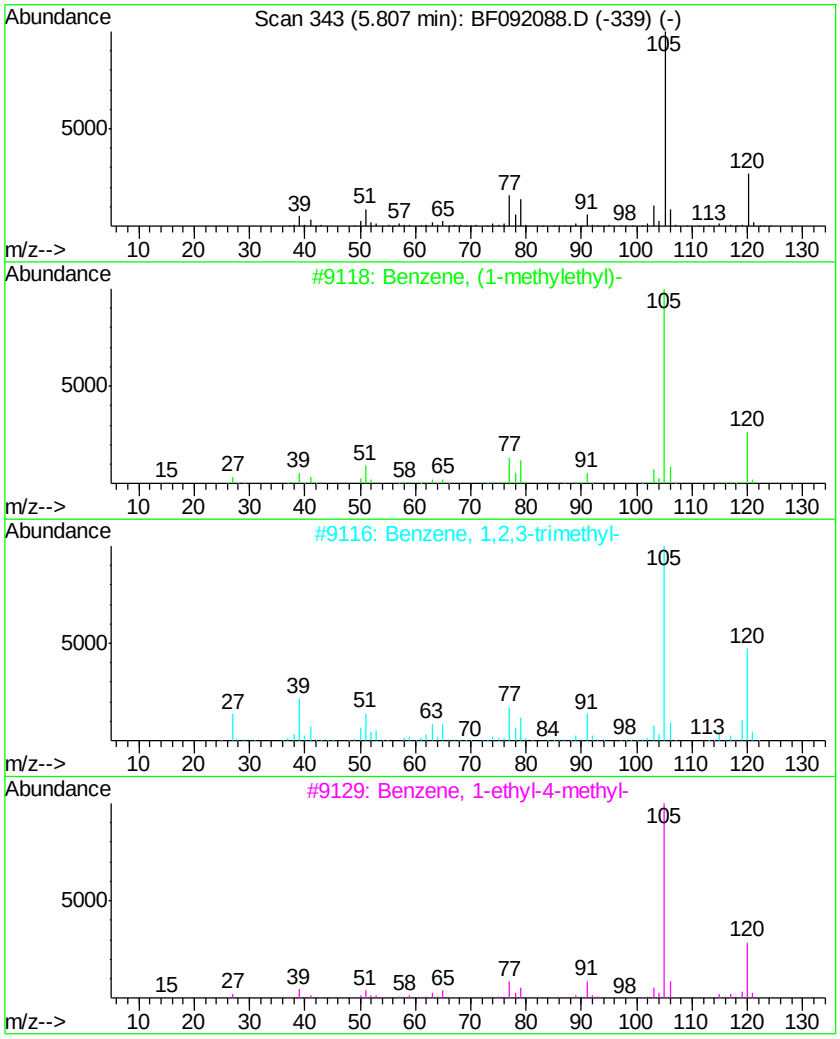
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

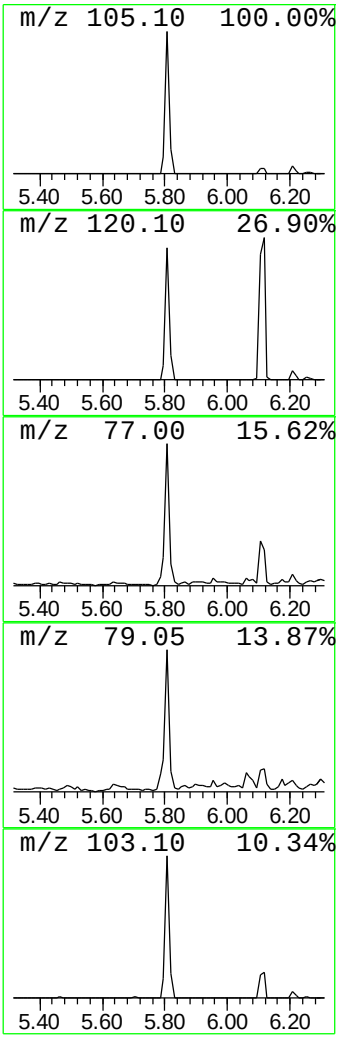
****

Peak Number 3 Benzene, (1-methylethyl)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.81	23.98 ng	1566340	1,4-Dichlorobenzene-d4	6.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	94
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	78
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	78
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	72





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Operator : UM/SJ
Sample : I1004-12
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ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-03

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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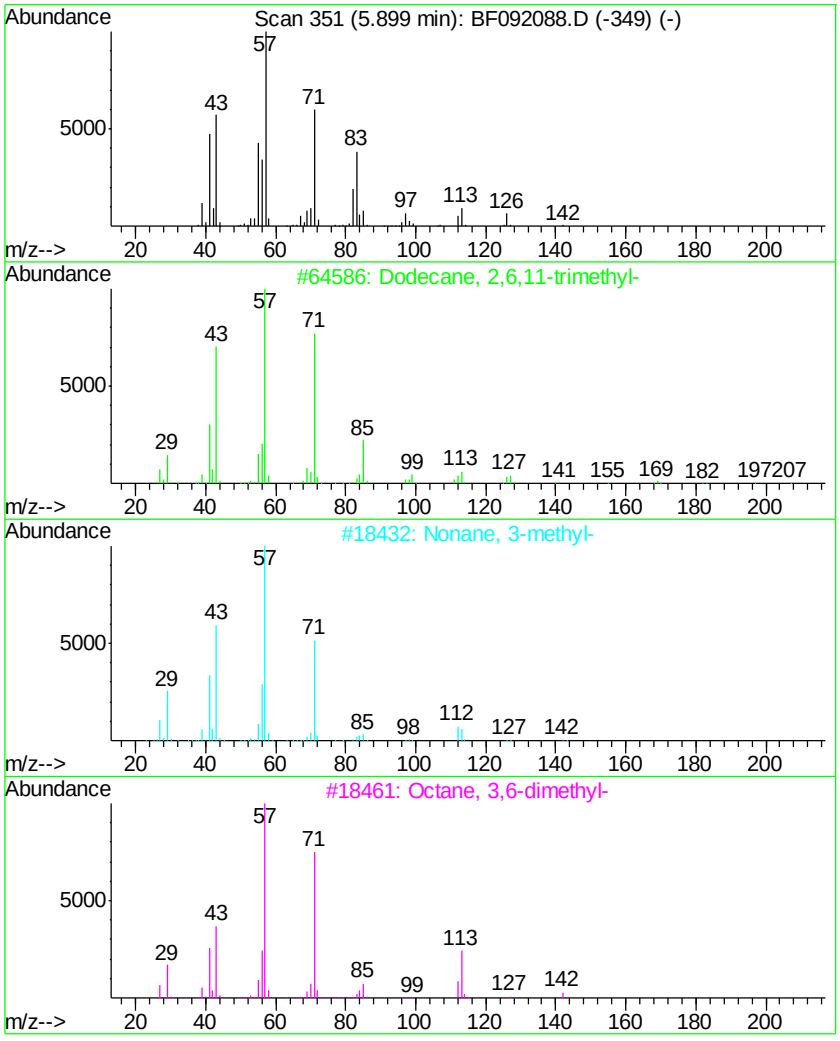
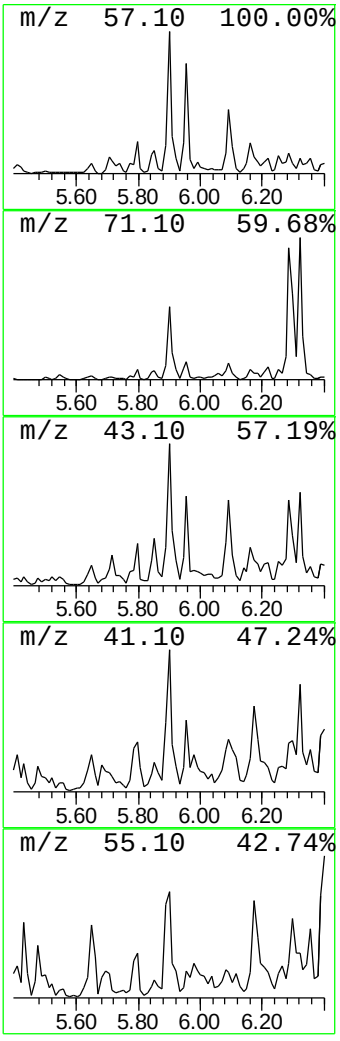
Peak Number 4 unknown5.90 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.90	19.66 ng	1284490	1,4-Dichlorobenzene-d4	6.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	47
2	Nonane, 3-methyl-	142	C10H22	005911-04-6	46
3	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	46
4	Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	43
5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	43





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Data File : BF092088.D
Acq On : 5 Jan 2017 00:37
Operator : UM/SJ
Sample : I1004-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-03

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

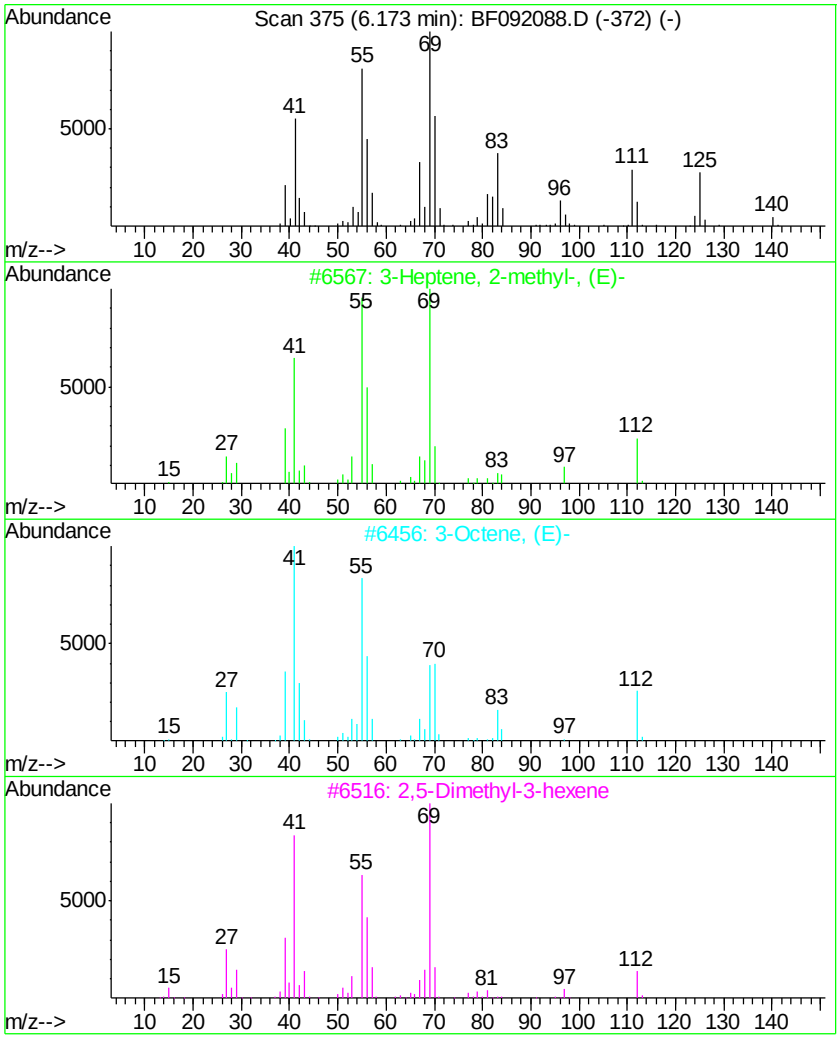
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

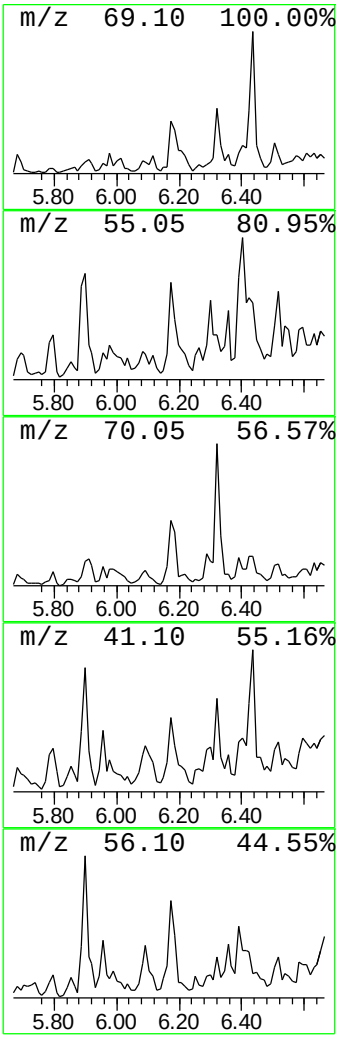
****

Peak Number 6 unknown6.17 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.17	14.83 ng	968733	1,4-Dichlorobenzene-d4	6.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Heptene, 2-methyl-, (E)-	112	C8H16	000692-96-6	49
2	3-Octene, (E)-	112	C8H16	014919-01-8	46
3	2,5-Dimethyl-3-hexene	112	C8H16	1000118-16-2	46
4	Heptane, 4-methylene-	112	C8H16	015918-08-8	46
5	1-Hexene, 3,3,5-trimethyl-	126	C9H18	013427-43-5	43





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Acq On : 5 Jan 2017 00:37
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Misc :
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Instrument : BNA_F
ClientSampleId : MW-03

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.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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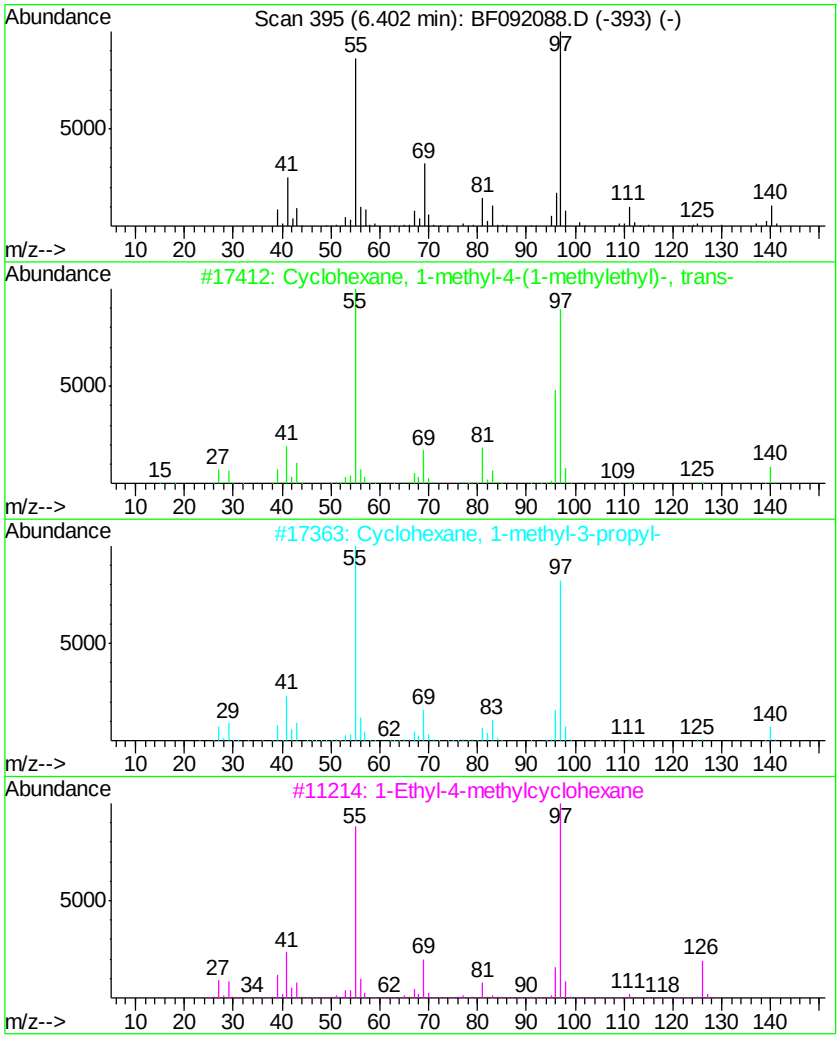
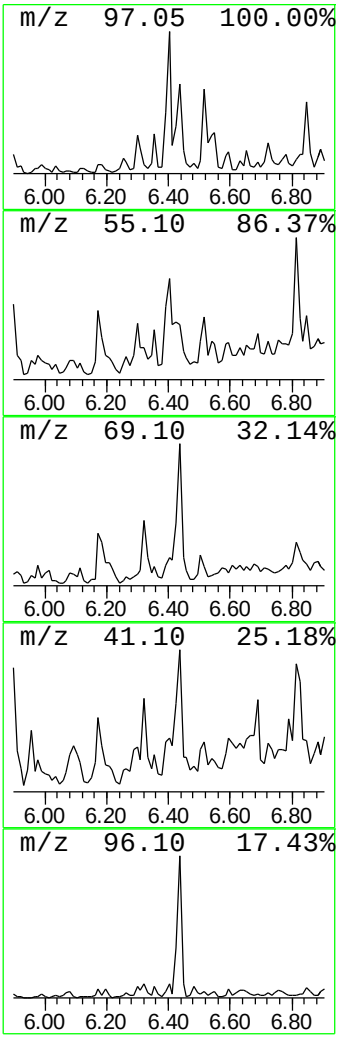
Peak Number 7 Cyclohexane, 1-methyl-4-(1-... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.40	11.44 ng	746936	1,4-Dichlorobenzene-d4	6.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	83
2	Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	83
3	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	64
4	Cyclohexane, 1-methyl-3-(1-methy...	140	C10H20	016580-24-8	64
5	Ethanone, 1-(1-methylcyclohexyl)-	140	C9H16O	002890-62-2	64





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Sample : I1004-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-03

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.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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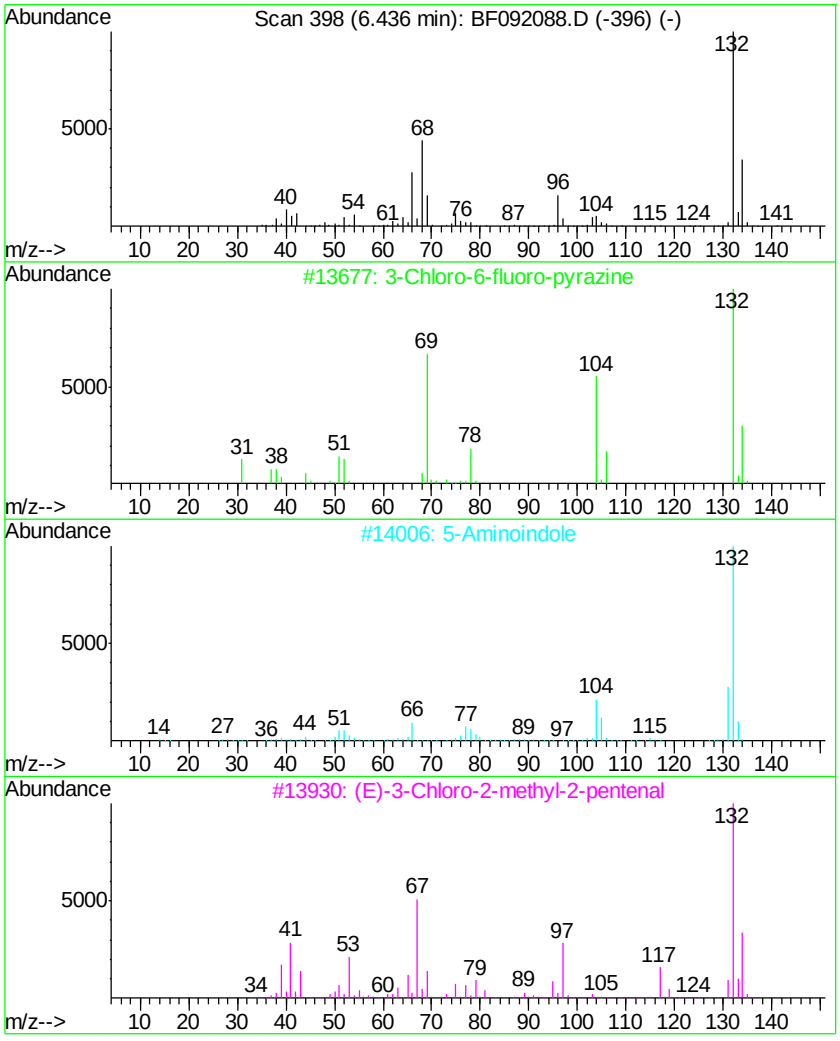
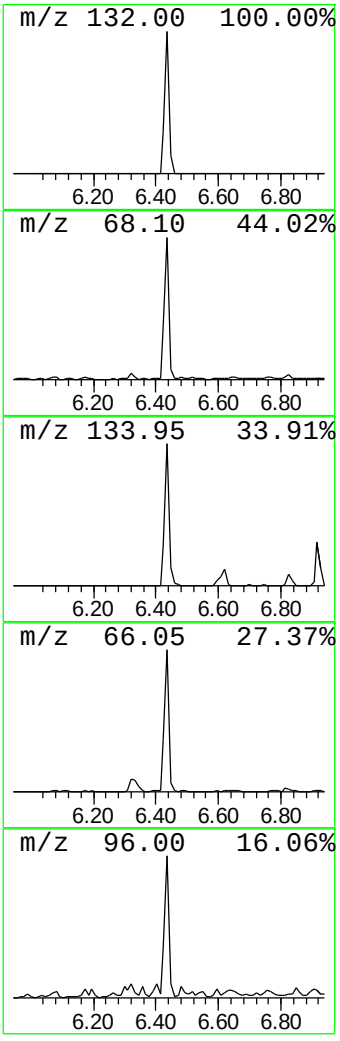
Peak Number 8 unknown6.44 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.44	67.29 ng	4395030	1,4-Dichlorobenzene-d4	6.66

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	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





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ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-03

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.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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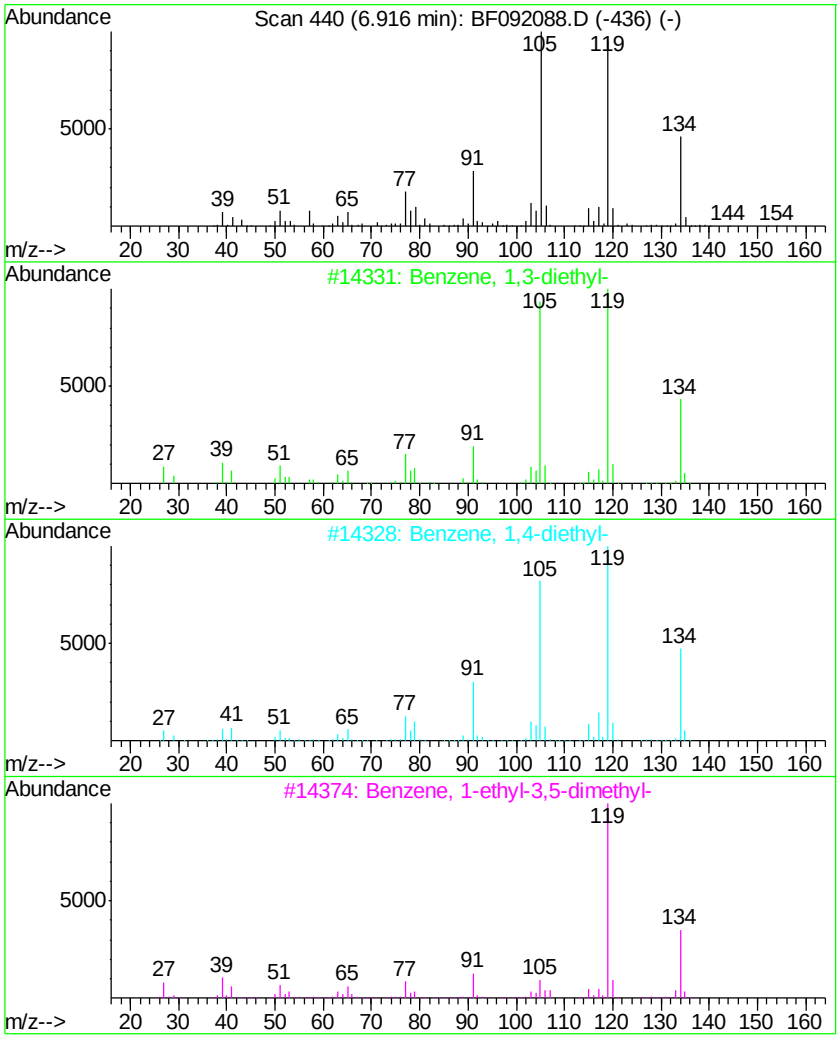
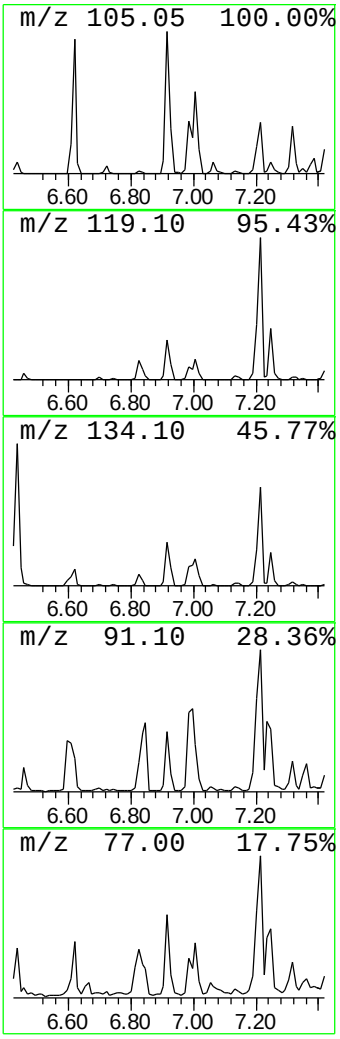
Peak Number 10 Benzene, 1,3-diethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.92	36.59 ng	2389860	1,4-Dichlorobenzene-d4	6.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	97
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	97
3	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
4	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	83
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	83





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ClientSampleId : MW-03

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.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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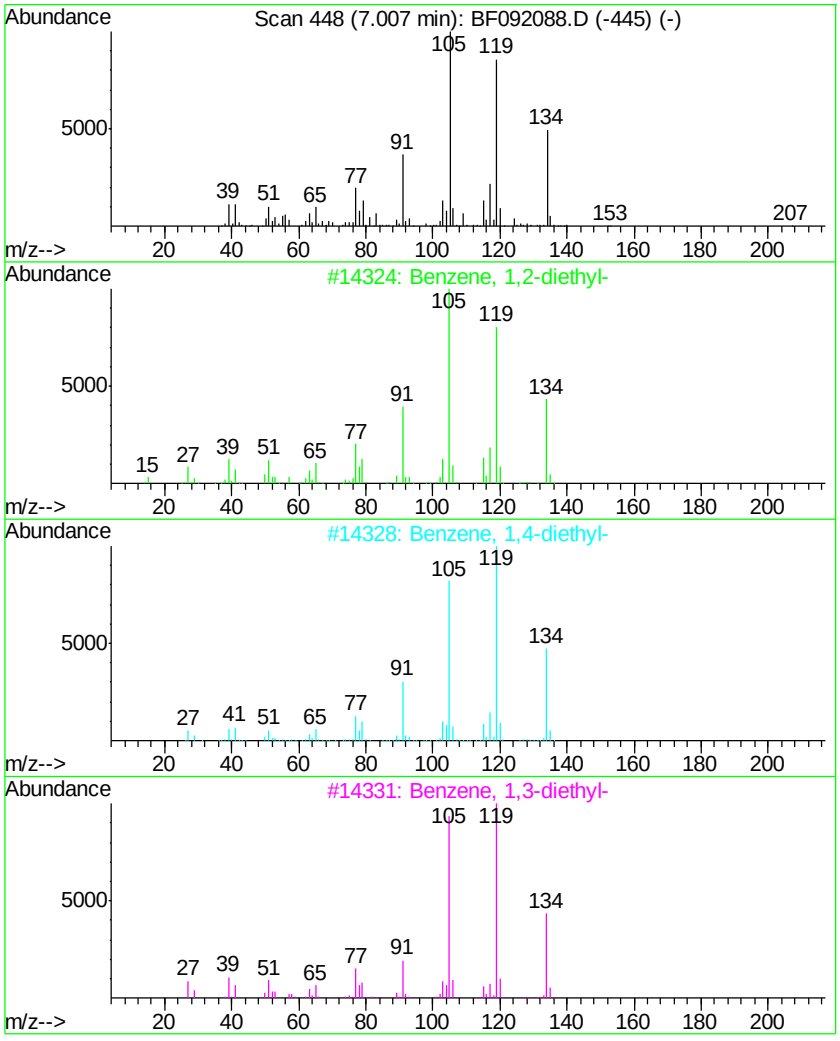
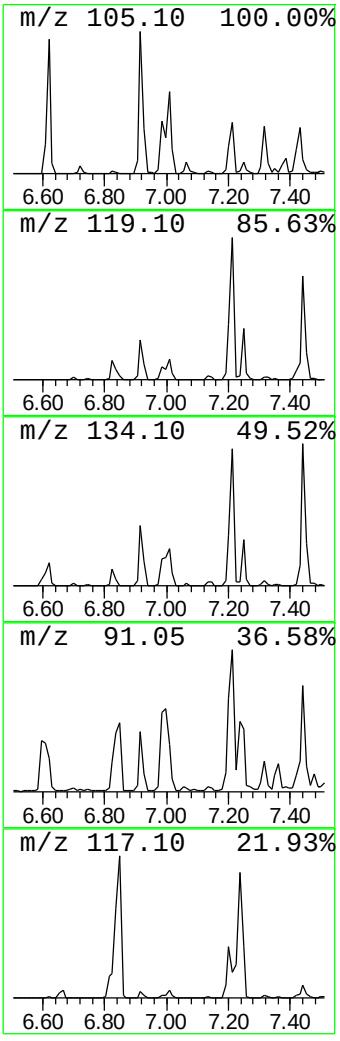
Peak Number 11 Benzene, 1,2-diethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.01	28.90 ng	1887500	1,4-Dichlorobenzene-d4	6.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	98
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	87
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	87
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	72
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	68





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Sample : I1004-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-03

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.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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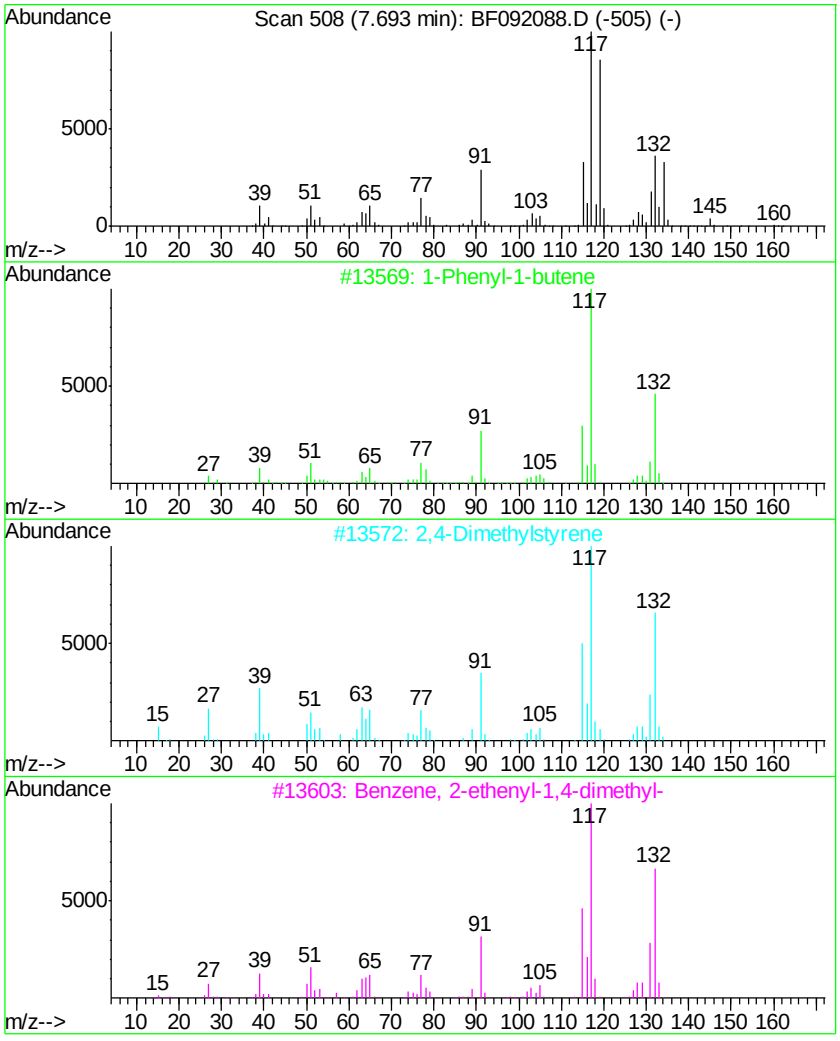
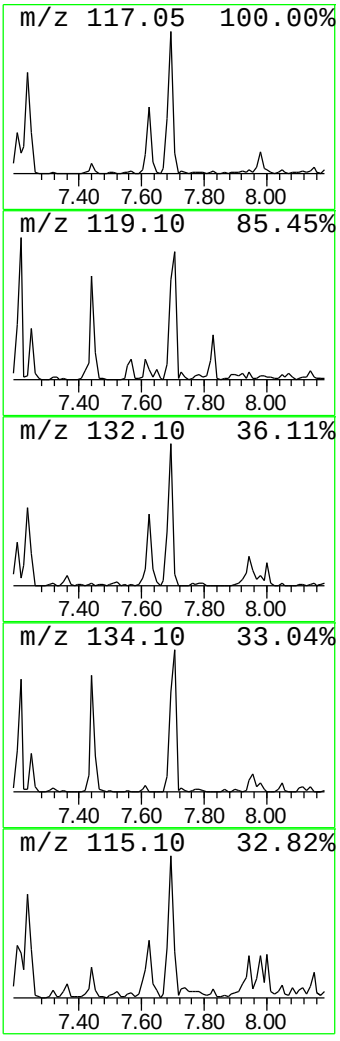
Peak Number 12 1-Phenyl-1-butene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.69	16.09 ng	5989140	Naphthalene-d8	7.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	87
2	2,4-Dimethylstyrene	132	C10H12	002234-20-0	86
3	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	80
4	Benzene, 2-butenyl-	132	C10H12	001560-06-1	70
5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	55





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Acq On : 5 Jan 2017 00:37
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Sample : I1004-12
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ClientSampleId : MW-03

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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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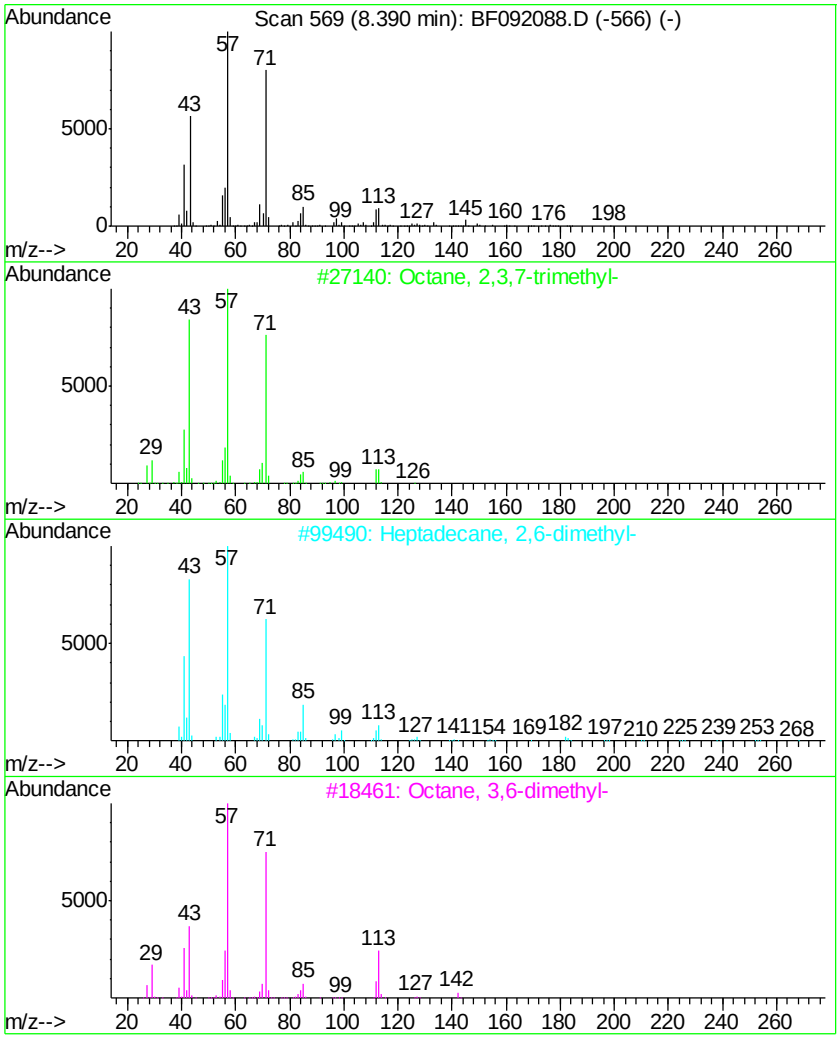
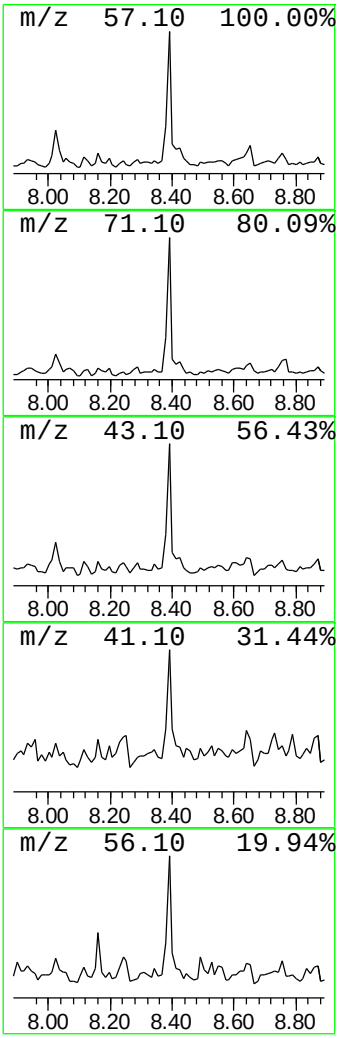
Peak Number 13 Octane, 2,3,7-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.39	11.68 ng	4349960	Naphthalene-d8	7.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	83
2	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	78
3	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	78
4	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
5	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	64





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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-03

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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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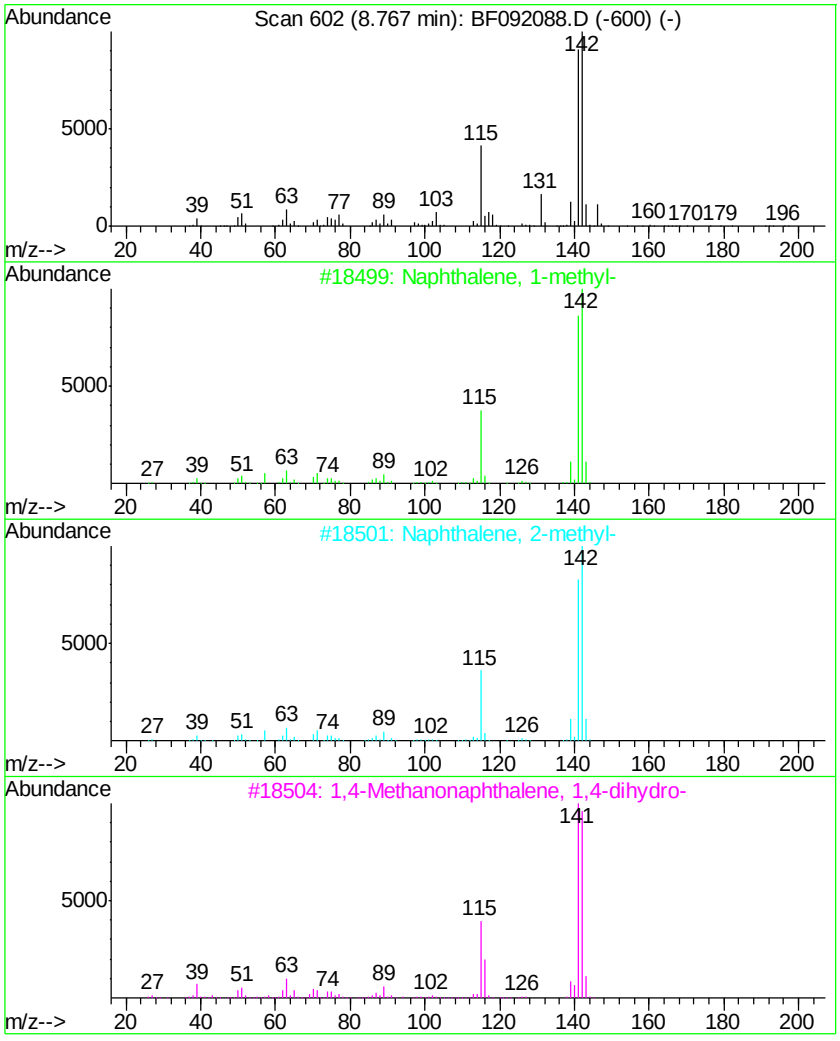
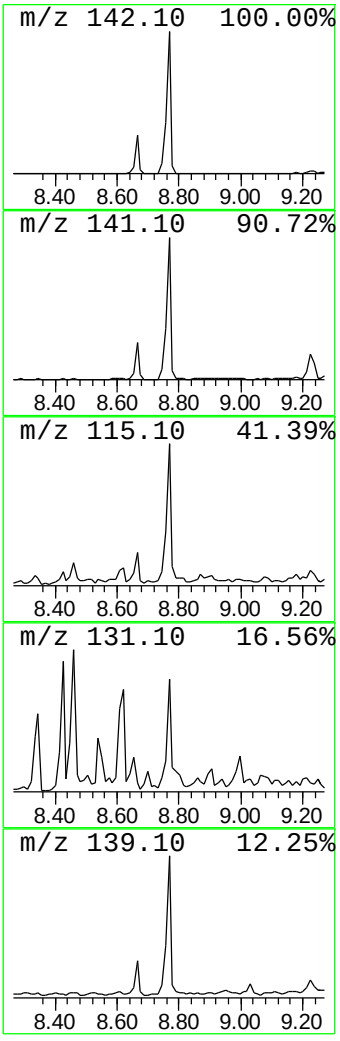
Peak Number 14 Naphthalene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.77	15.47 ng	5758970	Naphthalene-d8	7.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
3	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
4	Benzocycloheptatriene	142	C11H10	000264-09-5	87
5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	87





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Sample : I1004-12
Misc :
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Instrument : BNA_F
ClientSampleId : MW-03

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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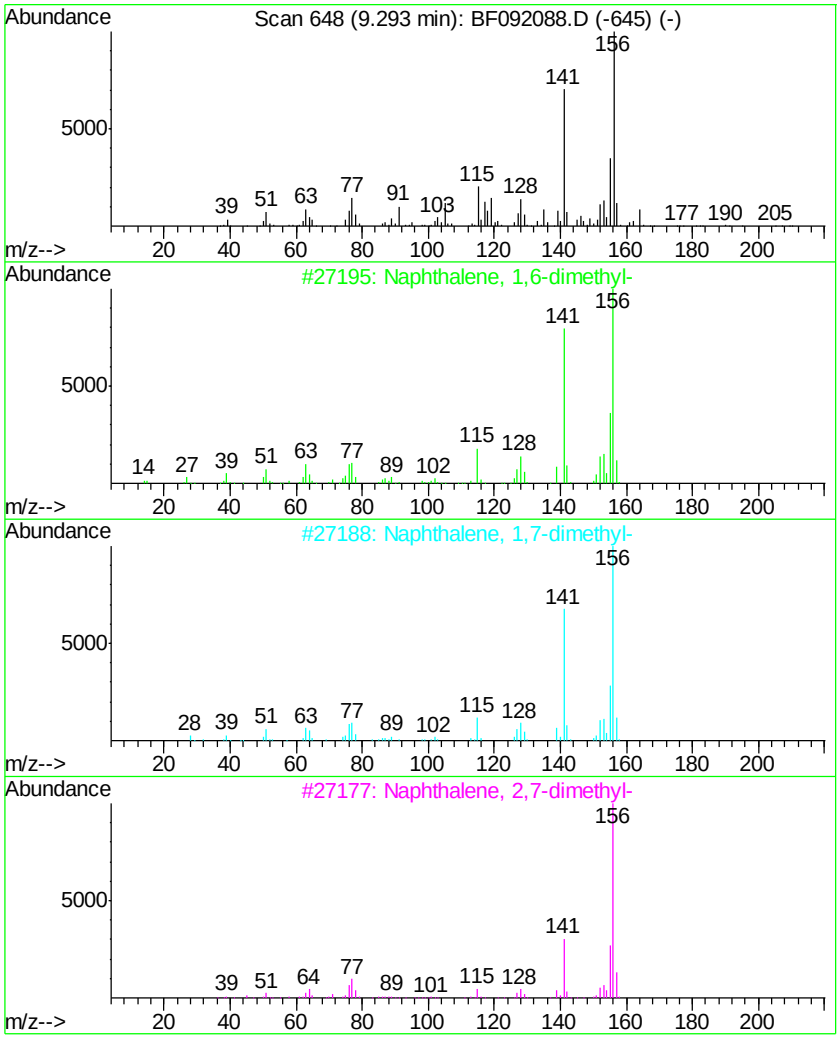
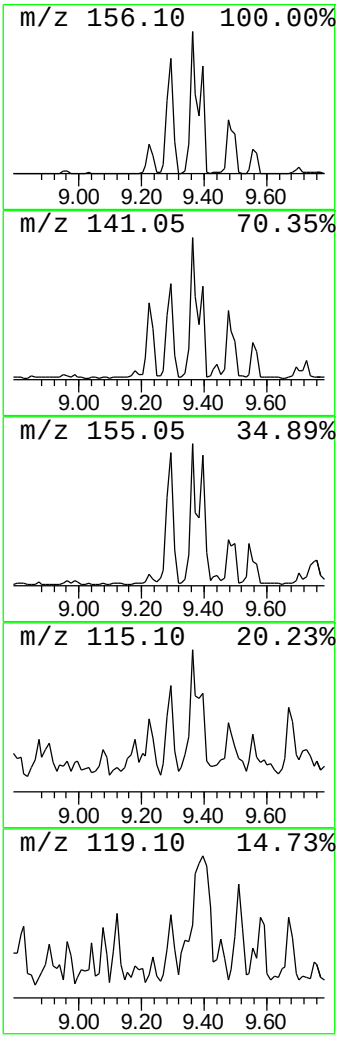
Peak Number 15 Naphthalene, 1,6-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.29	10.95 ng	2301860	Acenaphthene-d10	9.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95





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Sample : I1004-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-03

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.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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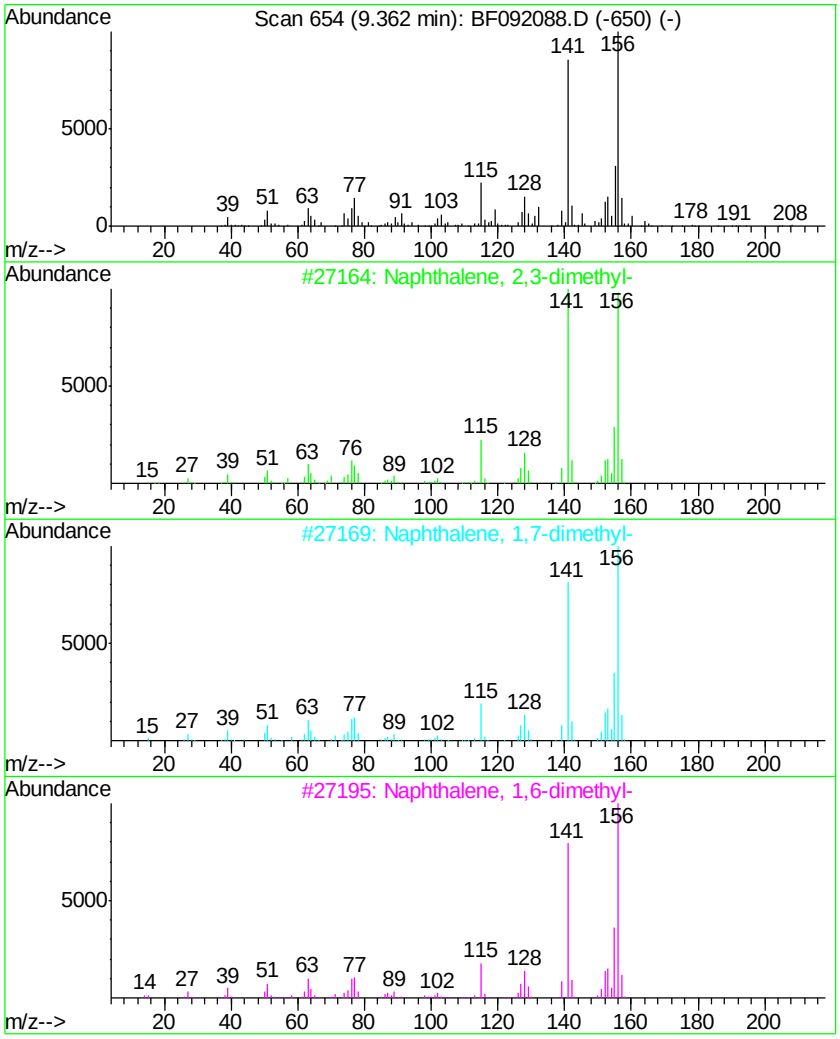
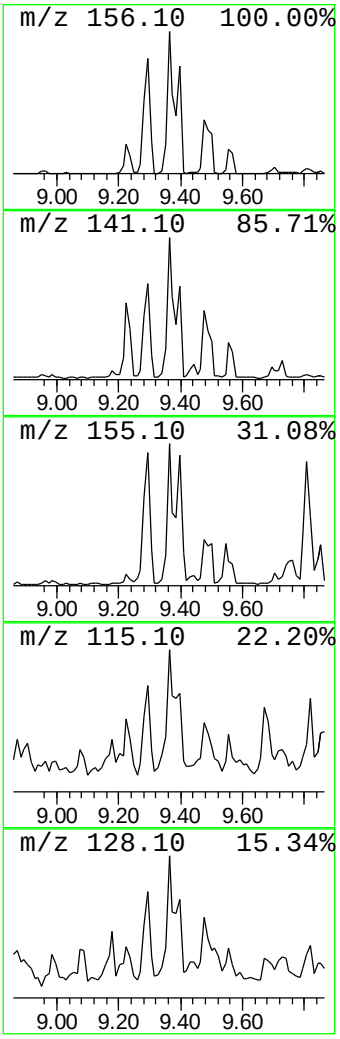
Peak Number 16 Naphthalene, 2,3-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.36	21.07 ng	4430690	Acenaphthene-d10	9.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96





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

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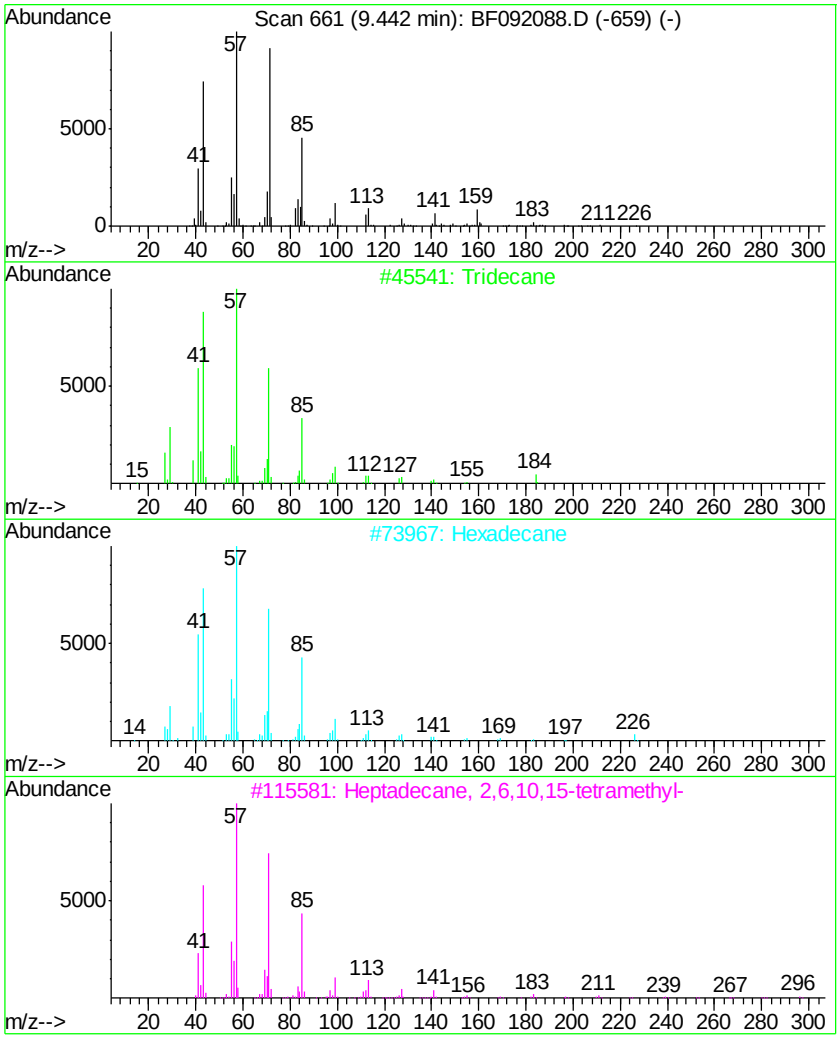
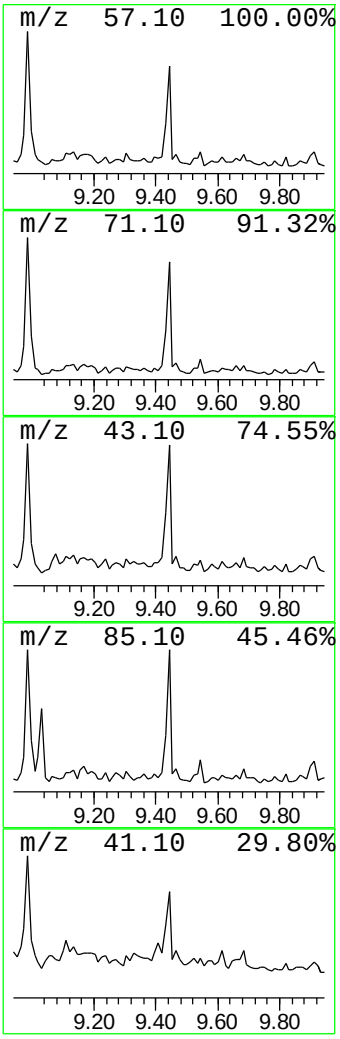
Peak Number 17 Tridecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.44	12.69 ng	2668230	Acenaphthene-d10	9.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	91
2	Hexadecane	226	C16H34	000544-76-3	90
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
4	Tritetracontane	605	C43H88	007098-21-7	83
5	Undecane, 3,8-dimethyl-	184	C13H28	017301-30-3	78





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TIC Integration Parameters: LSCINT.P

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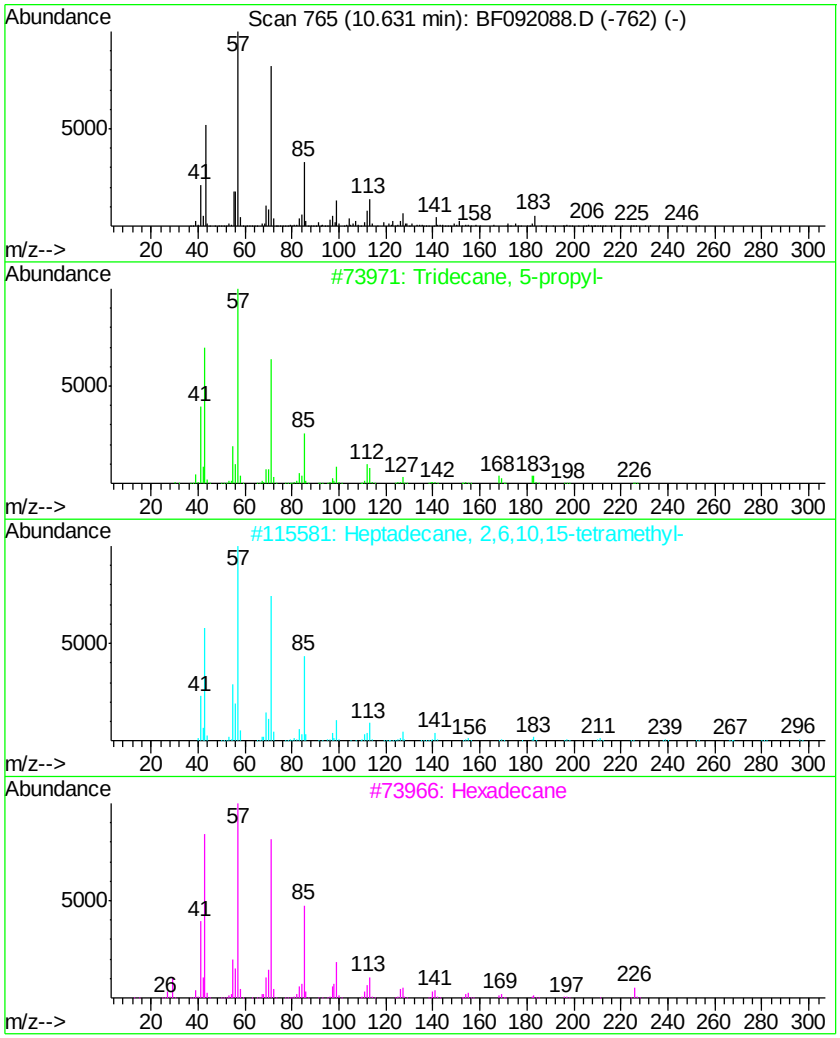
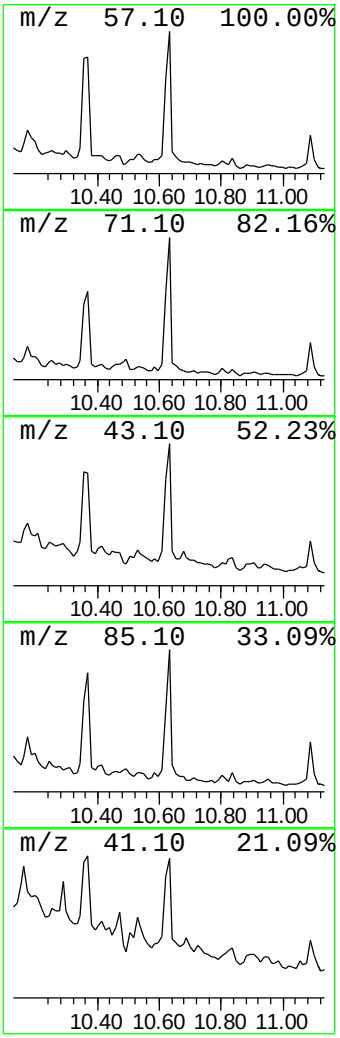
Peak Number 19 Tridecane, 5-propyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.63	15.46 ng	1373830	Phenanthrene-d10	11.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 5-propyl-	226	C16H34	055045-11-9	90
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
3	Hexadecane	226	C16H34	000544-76-3	86
4	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	86
5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	86





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Sample : I1004-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-03

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.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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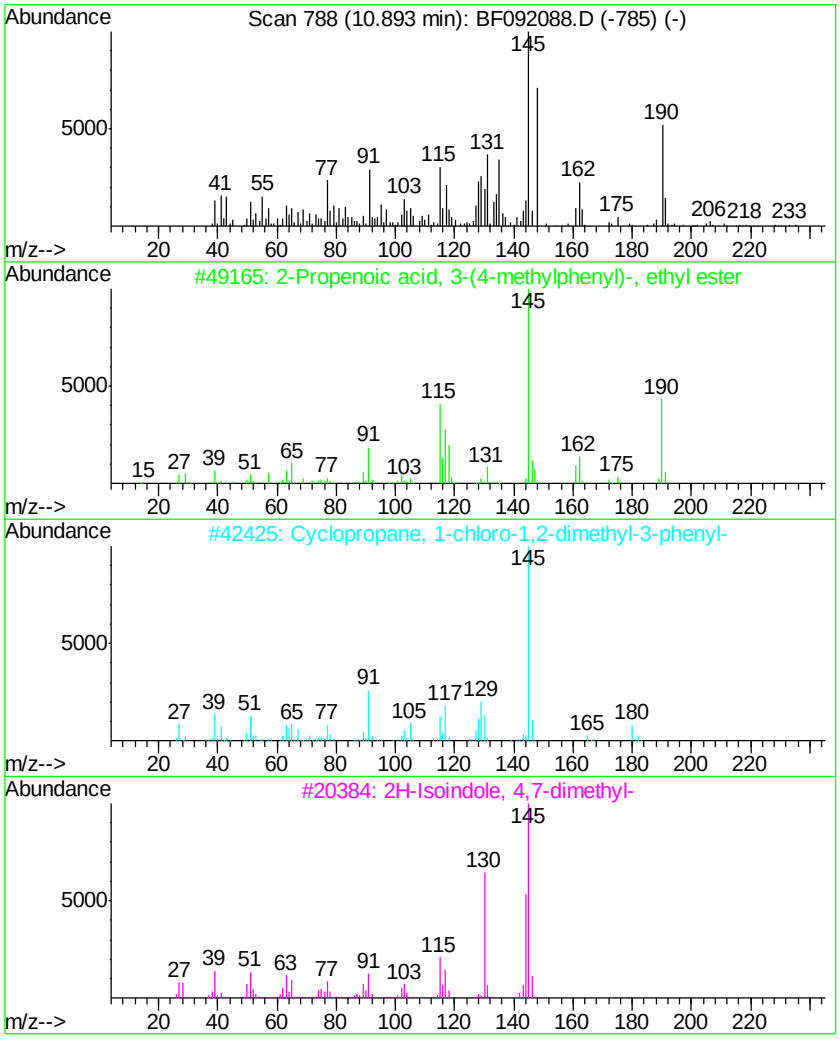
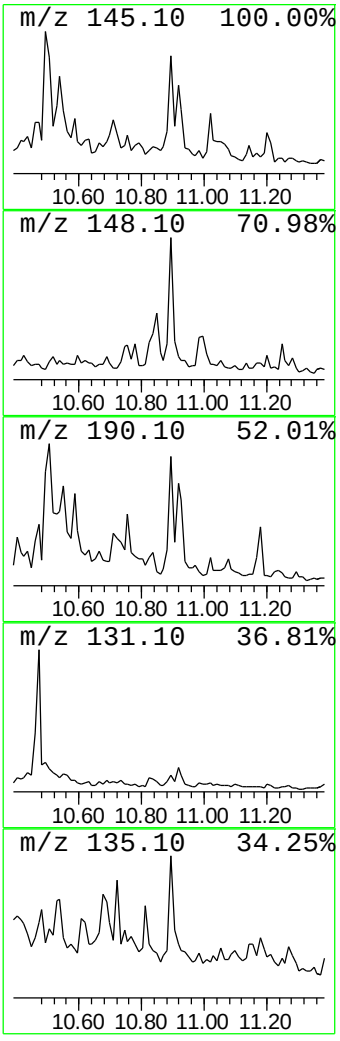
Peak Number 20 2-Propenoic acid, 3-(4-meth... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.89	13.94 ng	1239110	Phenanthrene-d10	11.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propenoic acid, 3-(4-methylphe...	190	C12H14O2	020511-20-0	50
2	Cyclopropane, 1-chloro-1,2-dimet...	180	C11H13Cl	1000154-03-9	41
3	2H-Isoindole, 4,7-dimethyl-	145	C10H11N	070187-62-1	30
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	27
5	2H-Isoindole, 5,6-dimethyl-	145	C10H11N	070187-63-2	25





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010417\
Data File : BF092088.D
Acq On : 5 Jan 2017 00:37
Operator : UM/SJ
Sample : I1004-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-03

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.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
Cyclohexane, methyl-	2.46	11.1	ng	722408	1	6.66	1306380	20.0
2-Pentanone, 4-hy...	4.79	15.6	ng	1019960	1	6.66	1306380	20.0
Benzene, (1-methy...	5.81	24.0	ng	1566340	1	6.66	1306380	20.0
unknown5.90	5.90	19.7	ng	1284490	1	6.66	1306380	20.0
unknown6.17	6.17	14.8	ng	968733	1	6.66	1306380	20.0
Cyclohexane, 1-me...	6.40	11.4	ng	746936	1	6.66	1306380	20.0
unknown6.44	6.44	67.3	ng	4395030	1	6.66	1306380	20.0
Benzene, 1,3-diet...	6.92	36.6	ng	2389860	1	6.66	1306380	20.0
Benzene, 1,2-diet...	7.01	28.9	ng	1887500	1	6.66	1306380	20.0
1-Phenyl-1-butene	7.69	16.1	ng	5989140	2	7.96	7446330	20.0
Octane, 2,3,7-tri...	8.39	11.7	ng	4349960	2	7.96	7446330	20.0
Naphthalene, 1-me...	8.77	15.5	ng	5758970	2	7.96	7446330	20.0
Naphthalene, 1,6-...	9.29	10.9	ng	2301860	3	9.70	4205960	20.0
Naphthalene, 2,3-...	9.36	21.1	ng	4430690	3	9.70	4205960	20.0
Tridecane	9.44	12.7	ng	2668230	3	9.70	4205960	20.0
Tridecane, 5-propyl-	10.63	15.5	ng	1373830	4	11.18	1777560	20.0
2-Propenoic acid,...	10.89	13.9	ng	1239110	4	11.18	1777560	20.0