LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122916\
Data File : BF092034.D
Acq On : 29 Dec 2016 19:57
Operator : UM/SJ
Sample : H6301-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11

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	2.498	29	36	42	rVB	122415	336183	6.90%	0.559%
2	3.070	82	86	91	rVB	56683	122712	2.52%	0.204%
3	3.538	122	127	130	rBV	107132	209482	4.30%	0.348%
4	3.790	144	149	152	rBV2	77627	152913	3.14%	0.254%
5	3.961	160	164	167	rBV3	34774	75295	1.55%	0.125%
6	4.190	181	184	191	rVB3	92079	209305	4.30%	0.348%
7	4.304	191	194	201	rVB2	126191	225599	4.63%	0.375%
8	4.590	216	219	220	rBV	74532	115111	2.36%	0.191%
9	4.613	220	221	224	rVV	69366	83860	1.72%	0.139%
10	4.704	227	229	231	rVV2	33144	75247	1.55%	0.125%
11	4.750	231	233	237	rVB2	114507	189095	3.88%	0.314%
12	4.830	237	240	244	rBV	652461	826537	16.98%	1.373%
13	4.887	244	245	249	rVB3	67735	112642	2.31%	0.187%
14	5.047	256	259	261	rBV2	41919	75719	1.56%	0.126%
15	5.116	263	265	267	rVB	196115	265600	5.46%	0.441%
16	5.219	272	274	279	rVB3	155429	366842	7.53%	0.610%
17	5.299	279	281	283	rBV	2389870	2658030	54.59%	4.417%
18	5.356	283	286	290	rVB3	44376	88982	1.83%	0.148%
19	5.676	312	314	316	rBV2	44895	77183	1.59%	0.128%
20	5.836	325	328	331	rBV	309420	437369	8.98%	0.727%
21	5.927	334	336	339	rVB3	61211	94372	1.94%	0.157%
22	6.110	347	352	353	rBV2	70255	139651	2.87%	0.232%
23	6.144	353	355	357	rVB	279659	354131	7.27%	0.588%
24	6.202	357	360	362	rBV2	67013	101612	2.09%	0.169%
25	6.236	362	363	366	rVB	183230	176926	3.63%	0.294%
26	6.282	366	367	369	rBV	199225	226243	4.65%	0.376%
27	6.350	371	373	377	rVV2	1736521	2206891	45.33%	3.667%
28	6.464	380	383	385	rBV	4460213	3955638	81.24%	6.573%
29	6.510	385	387	391	rVB	662261	666441	13.69%	1.107%
30	6.647	395	399	401	rBV2	125088	212092	4.36%	0.352%
31	6.693	401	403	404	rBV	914789	927295	19.05%	1.541%
32	6.750	404	408	409	rVV2	354878	335163	6.88%	0.557%
33	6.842	414	416	421	rBV2	2392147	4158495	85.41%	6.910%
34	6.945	423	425	427	rVV	457584	398513	8.18%	0.662%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122916\
Data File : BF092034.D
Acq On : 29 Dec 2016 19:57
Operator : UM/SJ
Sample : H6301-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11

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	7.013	429	431	435	rBV	425478	635981	13.06%	1.057%
36	7.093	435	438	440	rBV	188459	208814	4.29%	0.347%
37	7.162	442	444	448	rBV	268025	284307	5.84%	0.472%
38	7.265	448	453	455	rVV	3628772	4862357	99.87%	8.079%
39	7.345	455	460	462	rVV3	186424	212332	4.36%	0.353%
40	7.379	462	463	465	rVV2	186383	221678	4.55%	0.368%
41	7.470	468	471	472	rBV	631322	598950	12.30%	0.995%
42	7.493	472	473	475	rVB	588035	487271	10.01%	0.810%
43	7.550	475	478	479	rBV2	68030	97240	2.00%	0.162%
44	7.585	479	481	484	rVV2	64267	160466	3.30%	0.267%
45	7.653	484	487	490	rVB2	660573	895673	18.40%	1.488%
46	7.722	490	493	495	rBV	1273294	1592076	32.70%	2.645%
47	7.756	495	496	498	rVV2	168832	217055	4.46%	0.361%
48	7.813	498	501	503	rVB3	182338	376352	7.73%	0.625%
49	7.859	503	505	507	rBV2	72655	128333	2.64%	0.213%
50	7.916	508	510	512	rBV2	86006	149160	3.06%	0.248%
51	7.973	512	515	519	rVV2	1579320	2334908	47.96%	3.880%
52	8.030	519	520	522	rVB	343509	244681	5.03%	0.407%
53	8.076	522	524	526	rVB2	84867	103715	2.13%	0.172%
54	8.133	526	529	530	rBV3	61838	89921	1.85%	0.149%
55	8.225	535	537	538	rBV	78887	84063	1.73%	0.140%
56	8.259	538	540	543	rVB3	121902	171628	3.53%	0.285%
57	8.362	547	549	551	rVB	165437	184329	3.79%	0.306%
58	8.453	551	557	558	rBV2	124157	259466	5.33%	0.431%
59	8.499	558	561	563	rVB4	53337	121463	2.49%	0.202%
60	8.568	566	567	569	rVB2	100086	94361	1.94%	0.157%
61	8.636	572	573	575	rVB2	75182	91260	1.87%	0.152%
62	8.693	575	578	579	rBV	294080	317580	6.52%	0.528%
63	8.785	584	586	588	rVB	793426	820952	16.86%	1.364%
64	8.865	591	593	597	rVB4	39367	81504	1.67%	0.135%
65	8.979	600	603	605	rBV3	79642	125901	2.59%	0.209%
66	9.059	607	610	612	rBV	5097510	4868827	100.00%	8.090%
67	9.150	615	618	619	rBV3	48901	88888	1.83%	0.148%
68	9.242	622	626	630	rVB4	86079	203729	4.18%	0.339%
69	9.322	630	633	634	rBV	188120	272073	5.59%	0.452%
70	9.390	634	639	640	rBV	305047	365210	7.50%	0.607%
71	9.413	640	641	643	rVB2	146225	152444	3.13%	0.253%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122916\
Data File : BF092034.D
Acq On : 29 Dec 2016 19:57
Operator : UM/SJ
Sample : H6301-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11

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

72	9.459	643	645	648	rBV	263680	303930	6.24%	0.505%
73	9.505	648	649	654	rVB	137053	196344	4.03%	0.326%
74	9.585	654	656	658	rVB2	103352	132616	2.72%	0.220%
75	9.733	666	669	670	rBV	1016700	1438084	29.54%	2.390%
76	9.756	670	671	673	rVB	101010	98426	2.02%	0.164%
77	9.928	684	686	688	rVB2	110281	122014	2.51%	0.203%
78	9.973	688	690	691	rBV2	76751	98966	2.03%	0.164%
79	10.042	694	696	698	rVV3	54760	75787	1.56%	0.126%
80	10.145	702	705	706	rVV2	48704	100495	2.06%	0.167%
81	10.168	706	707	711	rVB	80387	84548	1.74%	0.140%
82	10.339	720	722	725	rBV3	46577	78026	1.60%	0.130%
83	10.522	735	738	740	rVB	2788193	3022918	62.09%	5.023%
84	10.648	747	749	753	rVB2	104537	201731	4.14%	0.335%
85	10.739	753	757	758	rBV4	44858	96363	1.98%	0.160%
86	11.059	783	785	786	rBV	53724	83062	1.71%	0.138%
87	11.082	786	787	789	rBV2	142227	144721	2.97%	0.240%
88	11.208	796	798	800	rBV	1610533	1381549	28.38%	2.296%
89	11.516	823	825	828	rBV3	52266	94428	1.94%	0.157%
90	11.756	844	846	858	rVB	544907	935252	19.21%	1.554%
91	12.545	913	915	921	rBV	724371	834292	17.14%	1.386%
92	12.797	934	937	940	rBV	4264282	4731383	97.18%	7.862%
93	13.368	985	987	989	rVB	104691	105649	2.17%	0.176%
94	13.699	1013	1016	1026	rVB3	221724	307297	6.31%	0.511%
95	13.837	1026	1028	1031	rBV	1345295	1298967	26.68%	2.158%
96	15.220	1146	1149	1151	rBV	784676	993084	20.40%	1.650%
97	15.265	1151	1153	1156	rVB	56572	78750	1.62%	0.131%
98	15.654	1184	1187	1189	rBV	49986	86786	1.78%	0.144%
99	16.088	1222	1225	1232	rVB2	61630	119363	2.45%	0.198%
100	17.220	1320	1324	1329	rVB2	30549	76469	1.57%	0.127%

Sum of corrected areas: 60183417

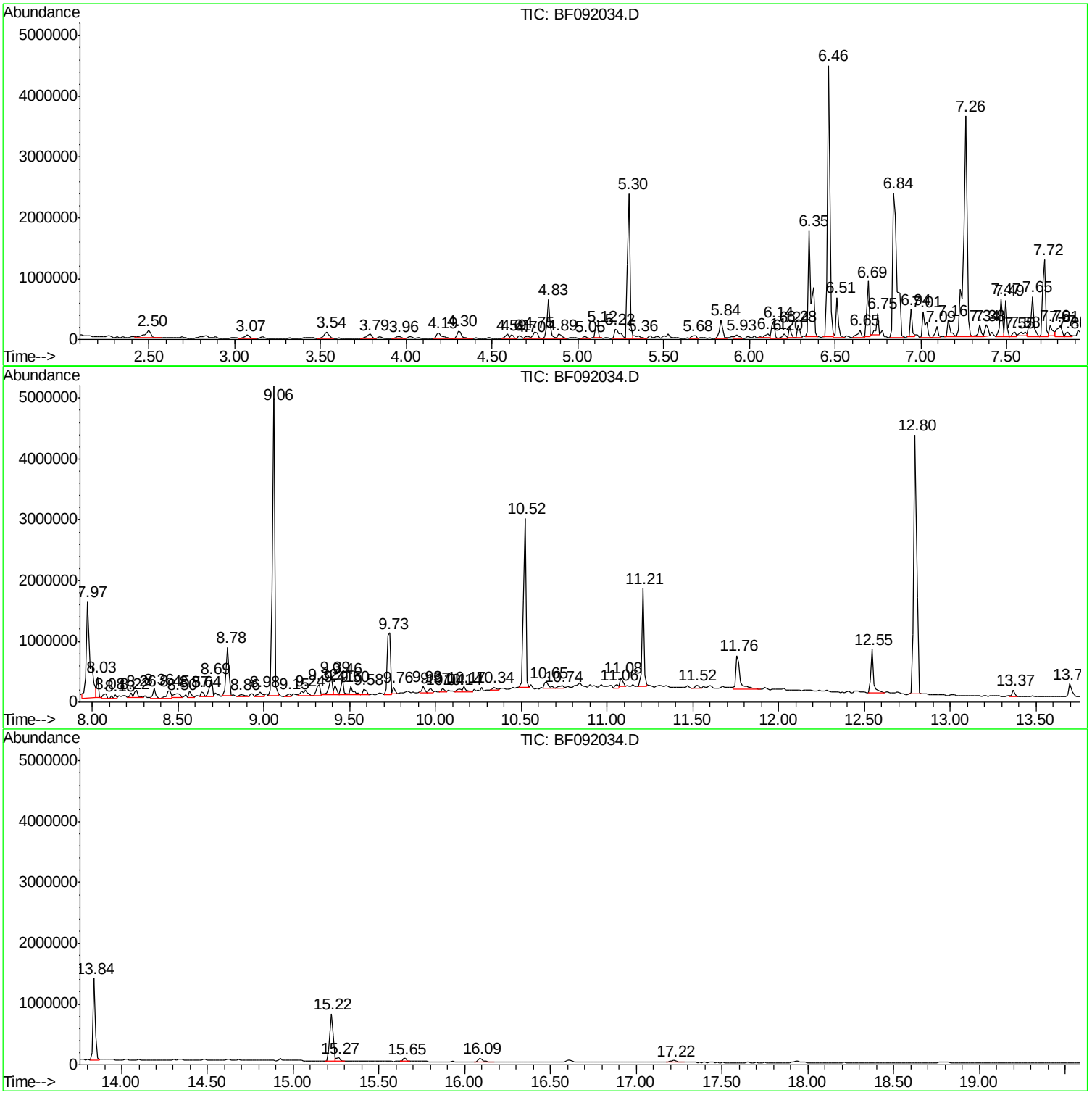
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122916\
Data File : BF092034.D
Acq On : 29 Dec 2016 19:57
Operator : UM/SJ
Sample : H6301-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122916\
Data File : BF092034.D
Acq On : 29 Dec 2016 19:57
Operator : UM/SJ
Sample : H6301-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11

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

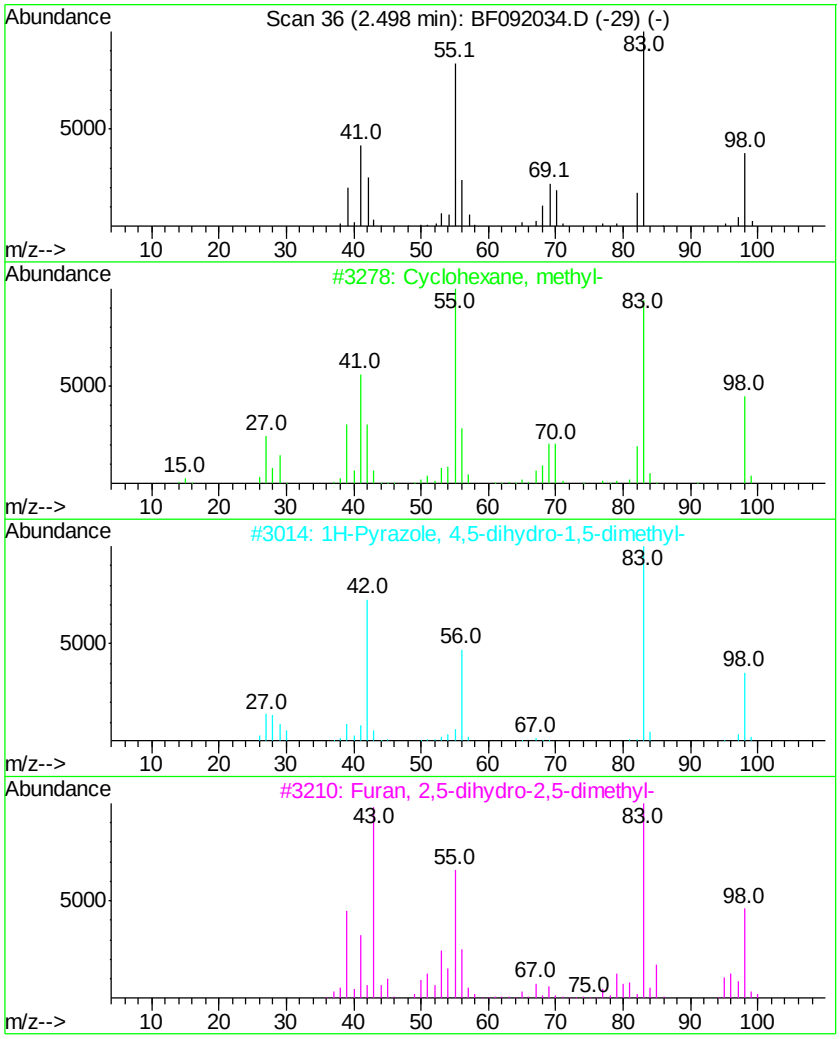
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

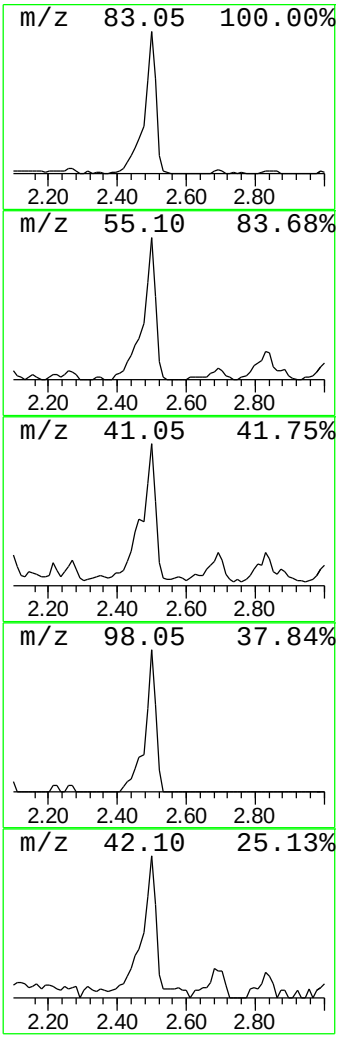
****

Peak Number 1 Cyclohexane, methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.50	7.25 ng	336183	1,4-Dichlorobenzene-d4	6.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, methyl-	98	C7H14	000108-87-2	95
2	1H-Pyrazole, 4,5-dihydro-1,5-dim...	98	C5H10N2	005775-96-2	59
3	Furan, 2,5-dihydro-2,5-dimethyl-	98	C6H10O	059242-27-2	53
4	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	53
5	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	53





Data Path : Z:\HPCHEM1\BNA F\DATA\BF122916\
Data File : BF092034.D
Acq On : 29 Dec 2016 19:57
Operator : UM/SJ
Sample : H6301-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11

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

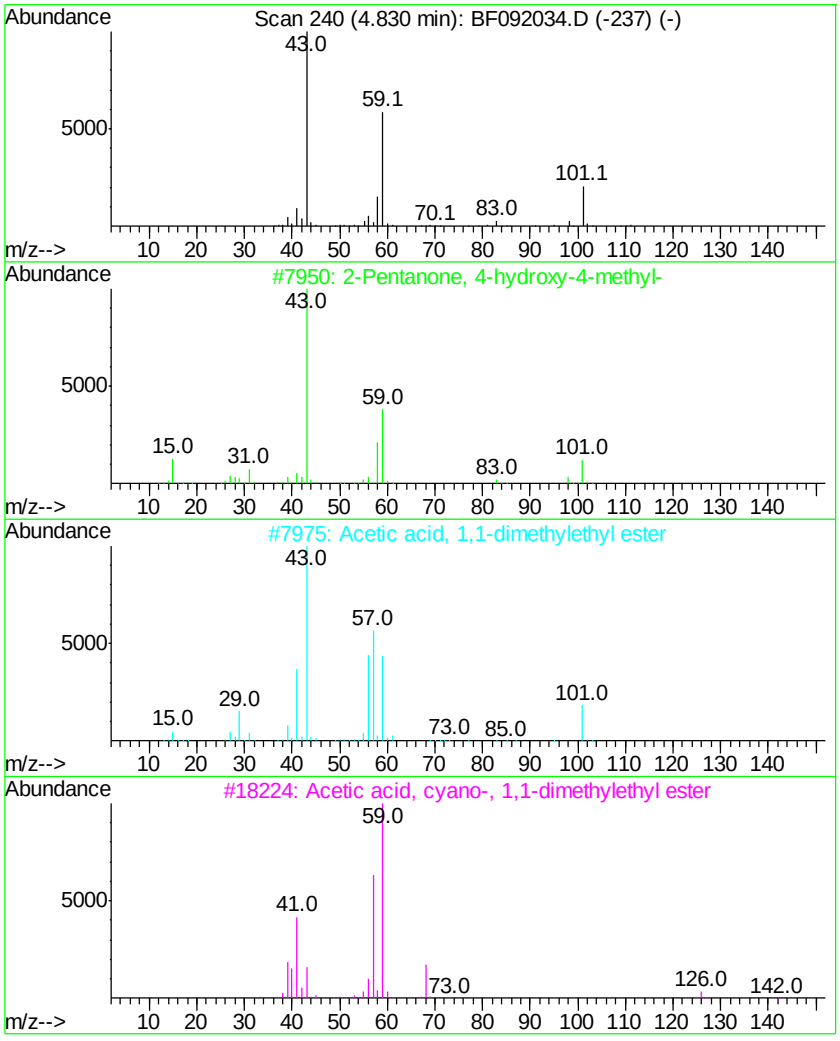
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

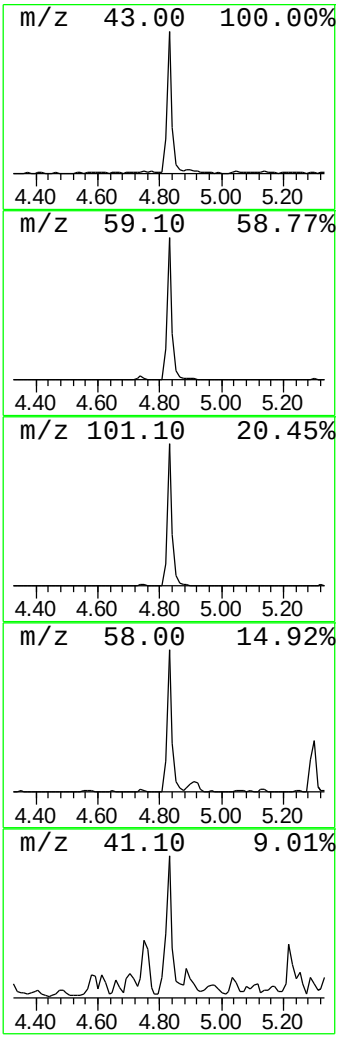
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.83	17.83 ng	826537	1,4-Dichlorobenzene-d4	6.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122916\
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Acq On : 29 Dec 2016 19:57
Operator : UM/SJ
Sample : H6301-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11

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

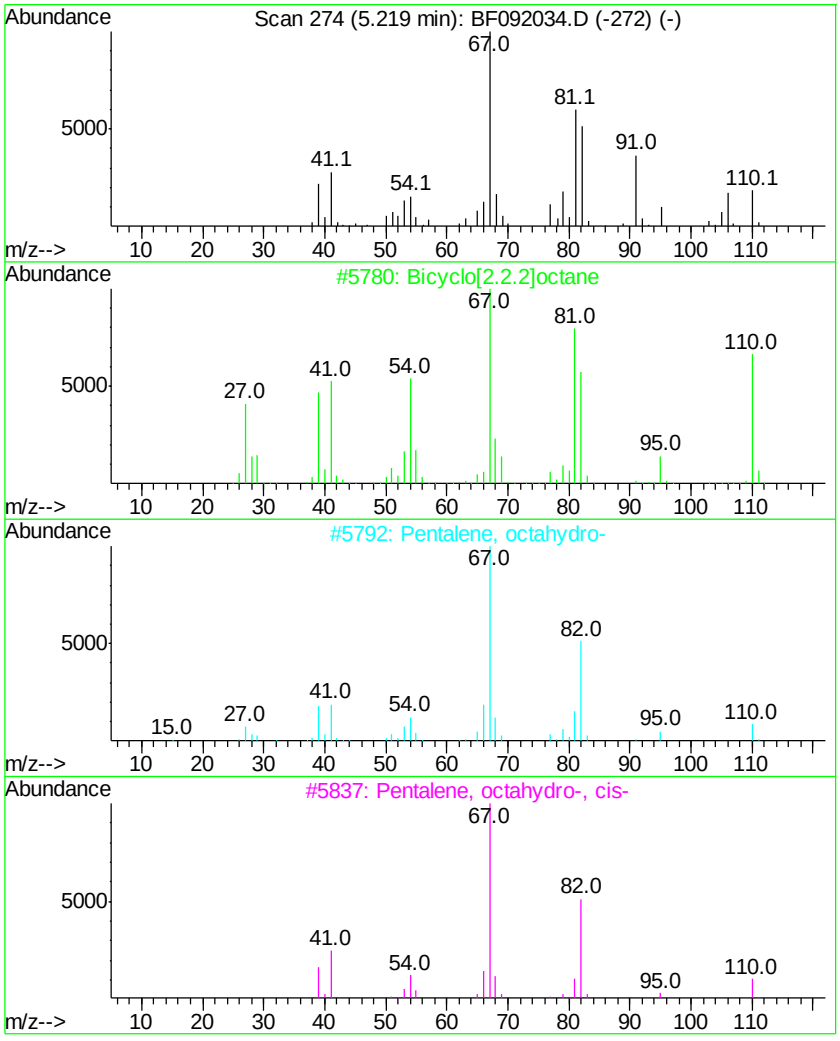
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

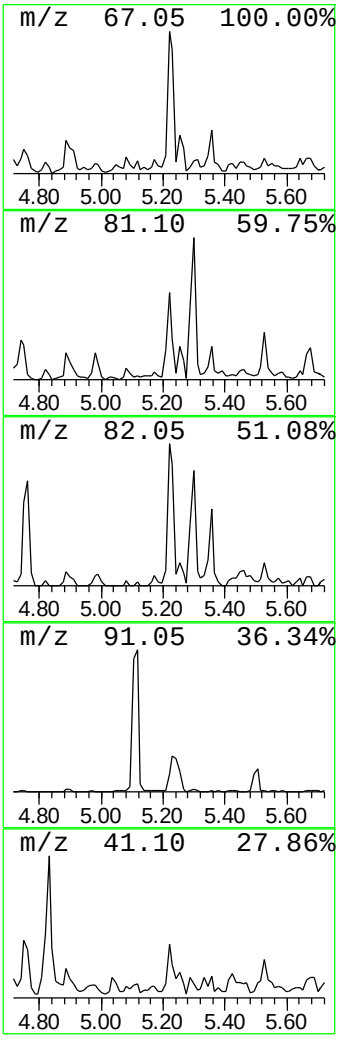
****

Peak Number 4 Bicyclo[2.2.2]octane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.22	7.91 ng	366842	1,4-Dichlorobenzene-d4	6.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.2]octane	110	C8H14	000280-33-1	83
2	Pentalene, octahydro-	110	C8H14	000694-72-4	74
3	Pentalene, octahydro-, cis-	110	C8H14	001755-05-1	72
4	Bicyclo[2.2.1]heptane, 2-methyl-...	110	C8H14	000872-78-6	72
5	1,4-Hexadiene, (Z)-	82	C6H10	007318-67-4	58





Data Path : Z:\HPCHEM1\BNA F\DATA\BF122916\
Data File : BF092034.D
Acq On : 29 Dec 2016 19:57
Operator : UM/SJ
Sample : H6301-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11

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

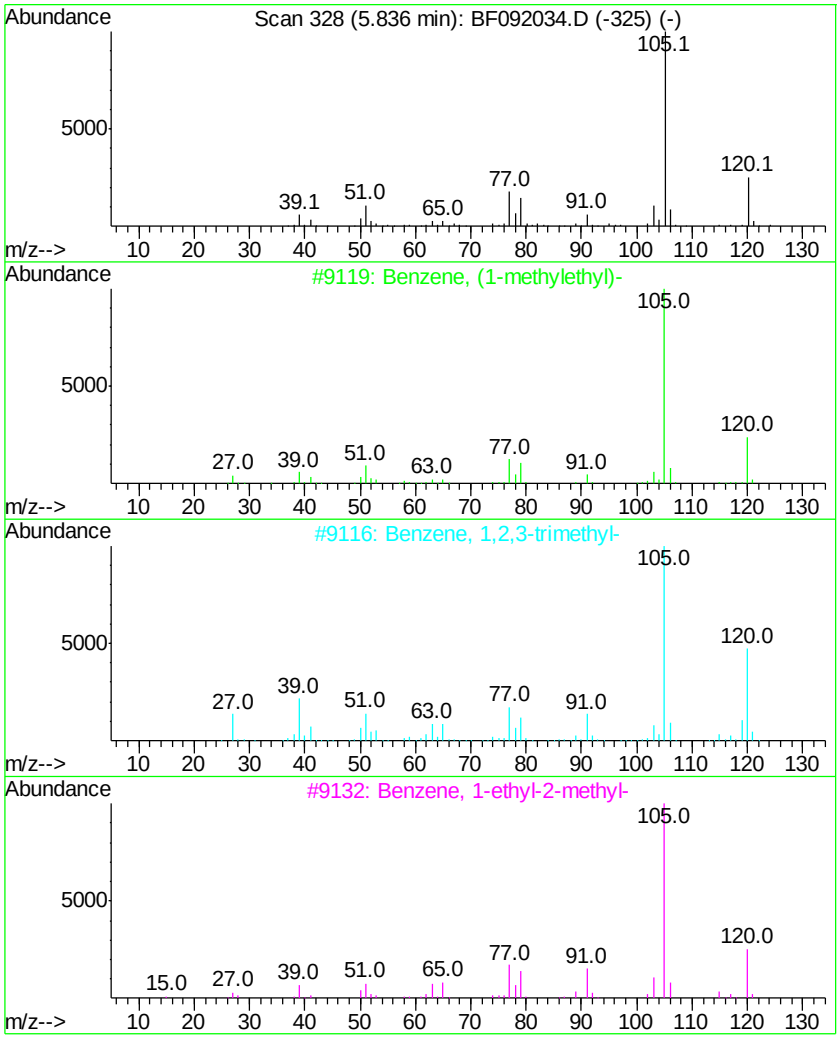
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

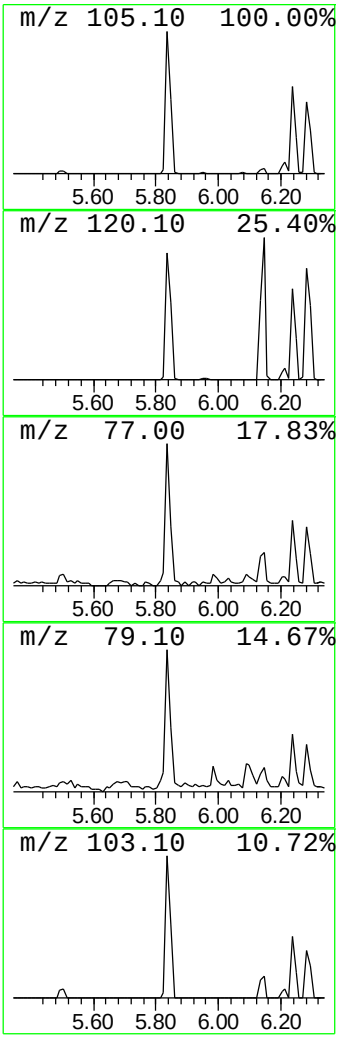
****

Peak Number 5 Benzene, (1-methylethyl)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.84	9.43 ng	437369	1,4-Dichlorobenzene-d4	6.69

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-2-methyl-	120	C9H12	000611-14-3	83
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	83
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	72





Data Path : Z:\HPCHEM1\BNA F\DATA\BF122916\
Data File : BF092034.D
Acq On : 29 Dec 2016 19:57
Operator : UM/SJ
Sample : H6301-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11

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

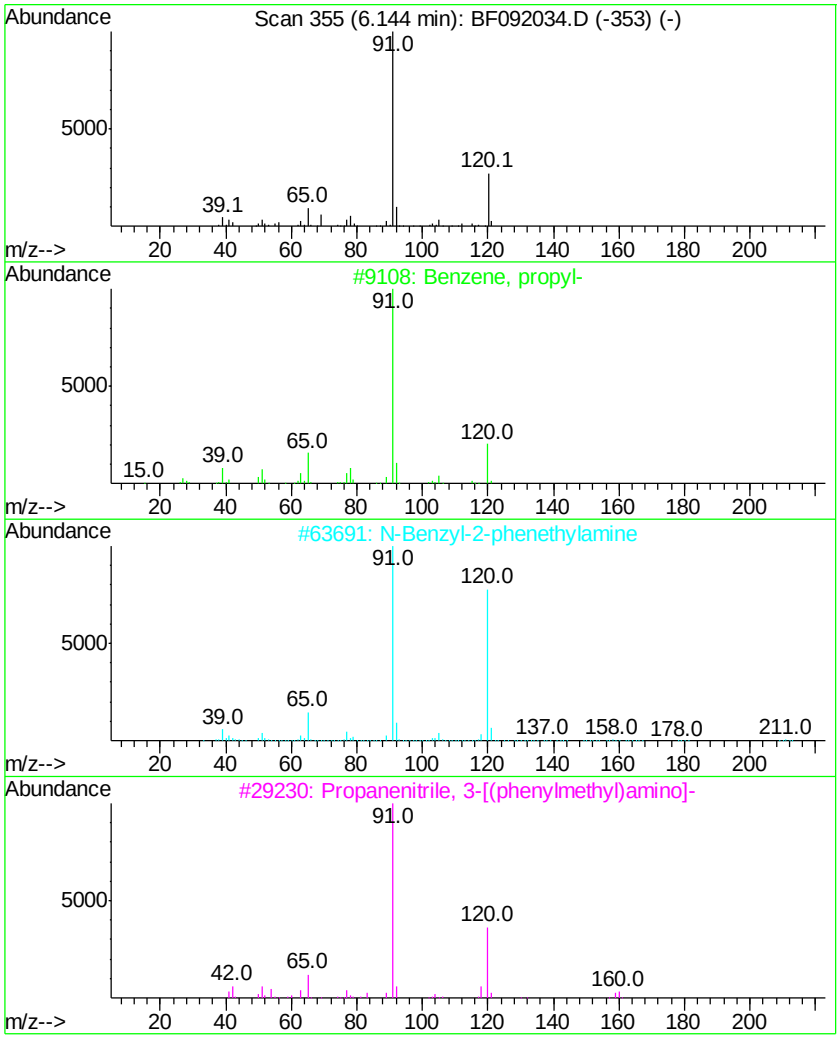
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

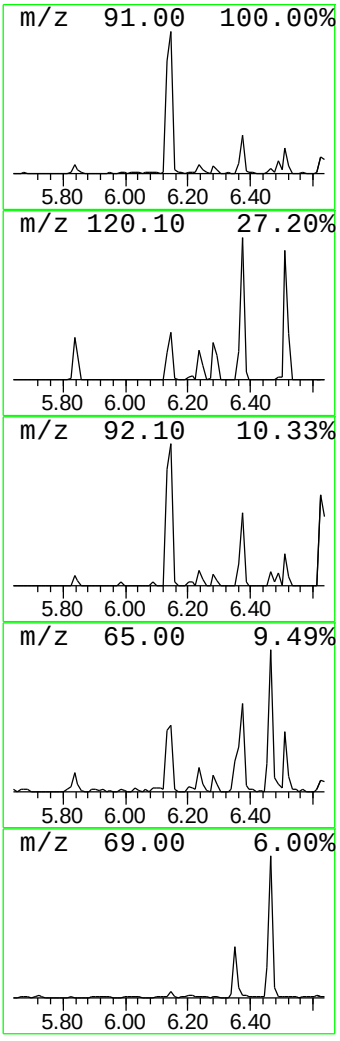
****

Peak Number 6 Benzene, propyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.14	7.64 ng	354131	1,4-Dichlorobenzene-d4	6.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	91
2	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	64
3	Propanenitrile, 3-[(phenylmethyl...	160	C10H12N2	000706-03-6	64
4	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	64
5	1,2-Ethanediamine, N-(phenylmeth...	150	C9H14N2	004152-09-4	59





Data Path : Z:\HPCHEM1\BNA F\DATA\BF122916\
Data File : BF092034.D
Acq On : 29 Dec 2016 19:57
Operator : UM/SJ
Sample : H6301-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11

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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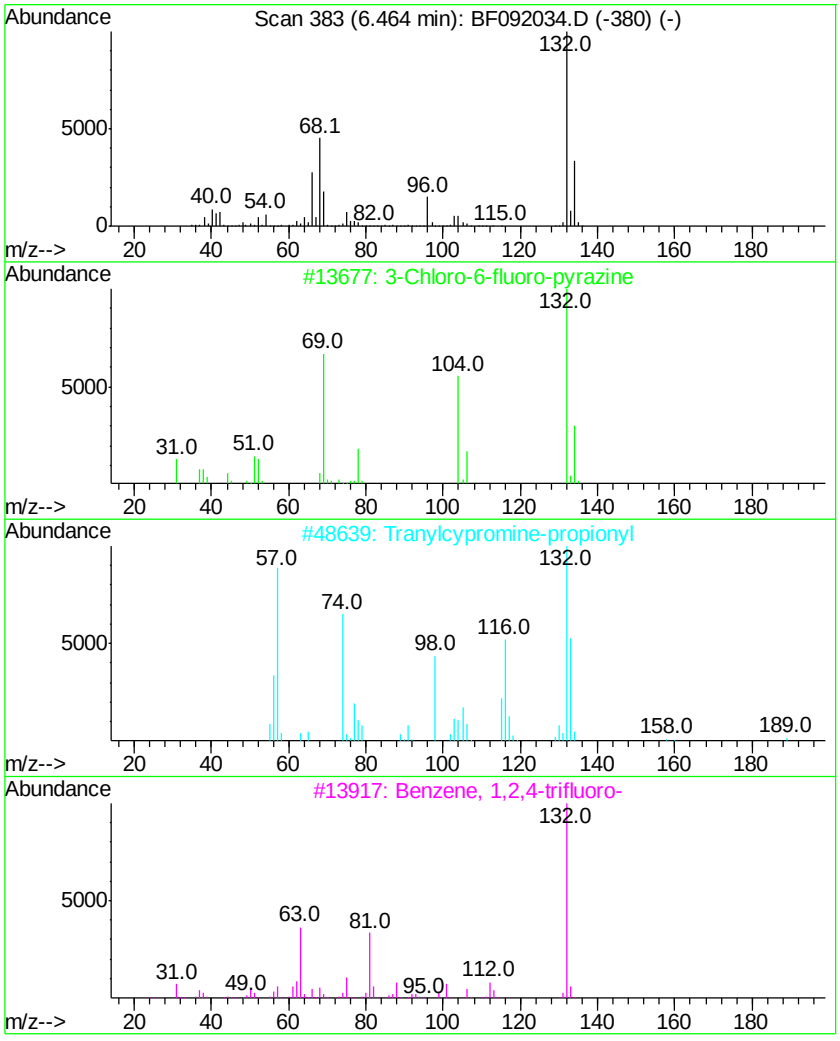
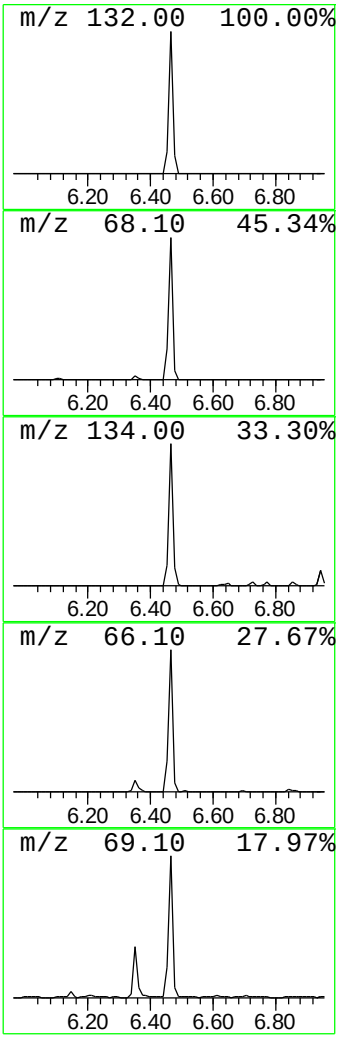
Peak Number 7 unknown6.46 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.46	85.32 ng	3955640	1,4-Dichlorobenzene-d4	6.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	9
4	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





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Data File : BF092034.D
Acq On : 29 Dec 2016 19:57
Operator : UM/SJ
Sample : H6301-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11

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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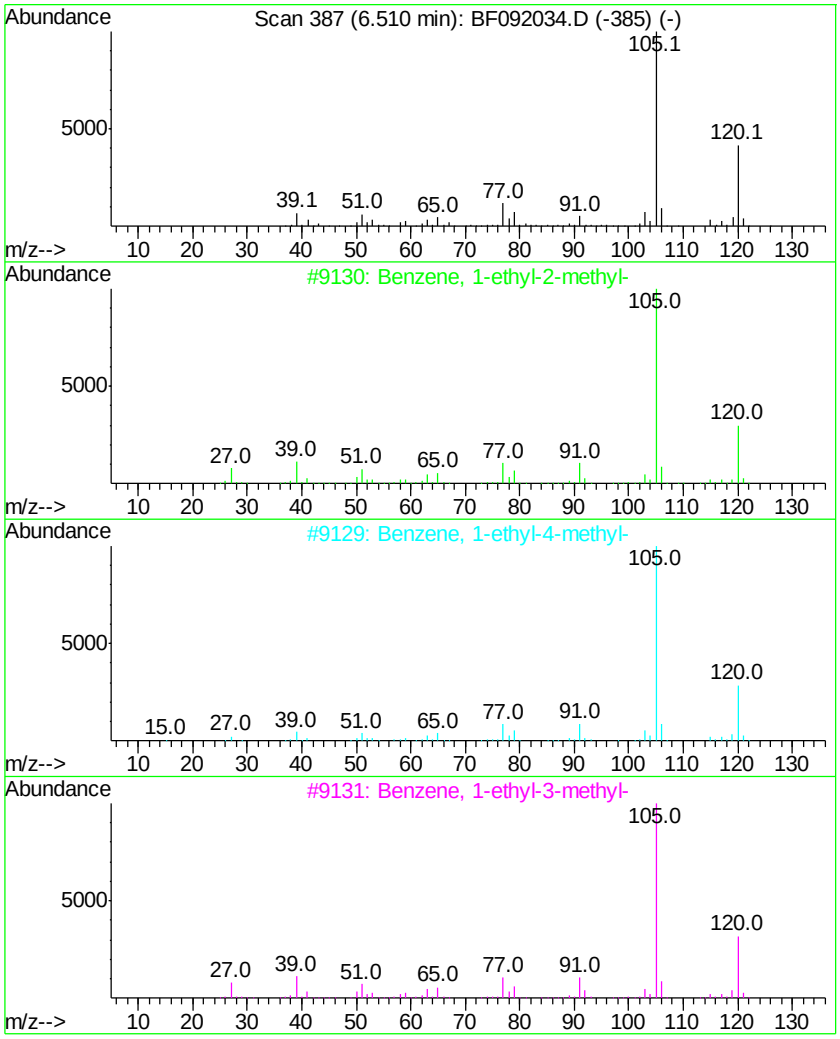
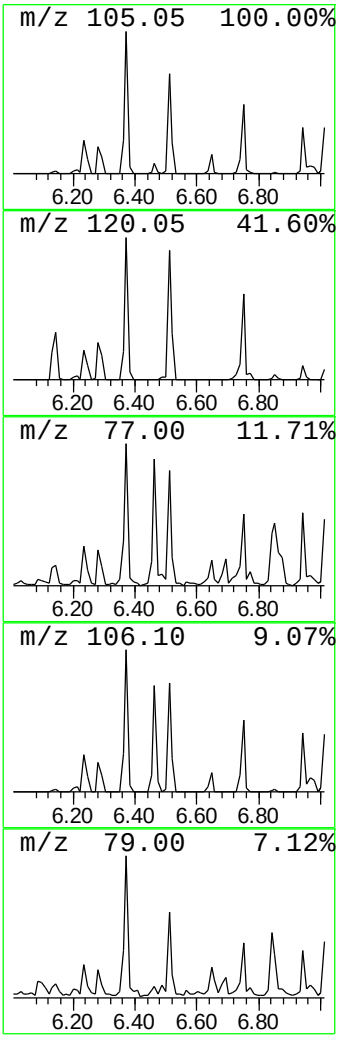
Peak Number 8 Benzene, 1-ethyl-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.51	14.37 ng	666441	1,4-Dichlorobenzene-d4	6.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





Library Search Compound Report

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Acq On : 29 Dec 2016 19:57
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Sample : H6301-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11

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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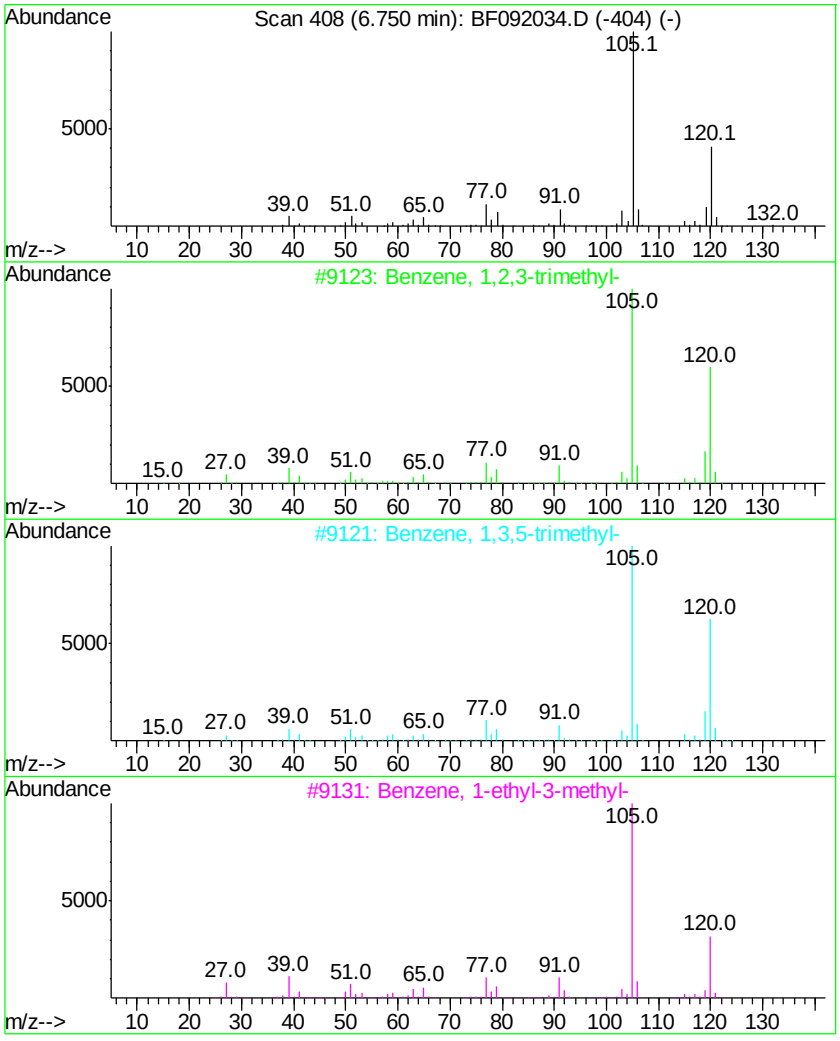
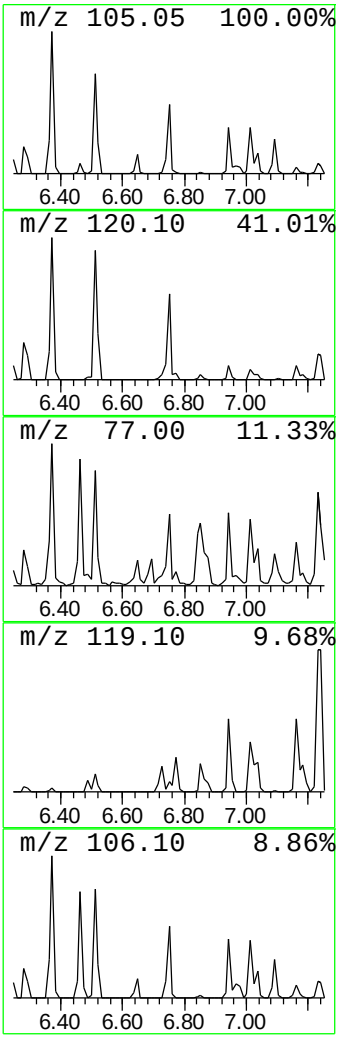
Peak Number 9 Benzene, 1,2,3-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.75	7.23 ng	335163	1,4-Dichlorobenzene-d4	6.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	94
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90





Library Search Compound Report

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Sample : H6301-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11

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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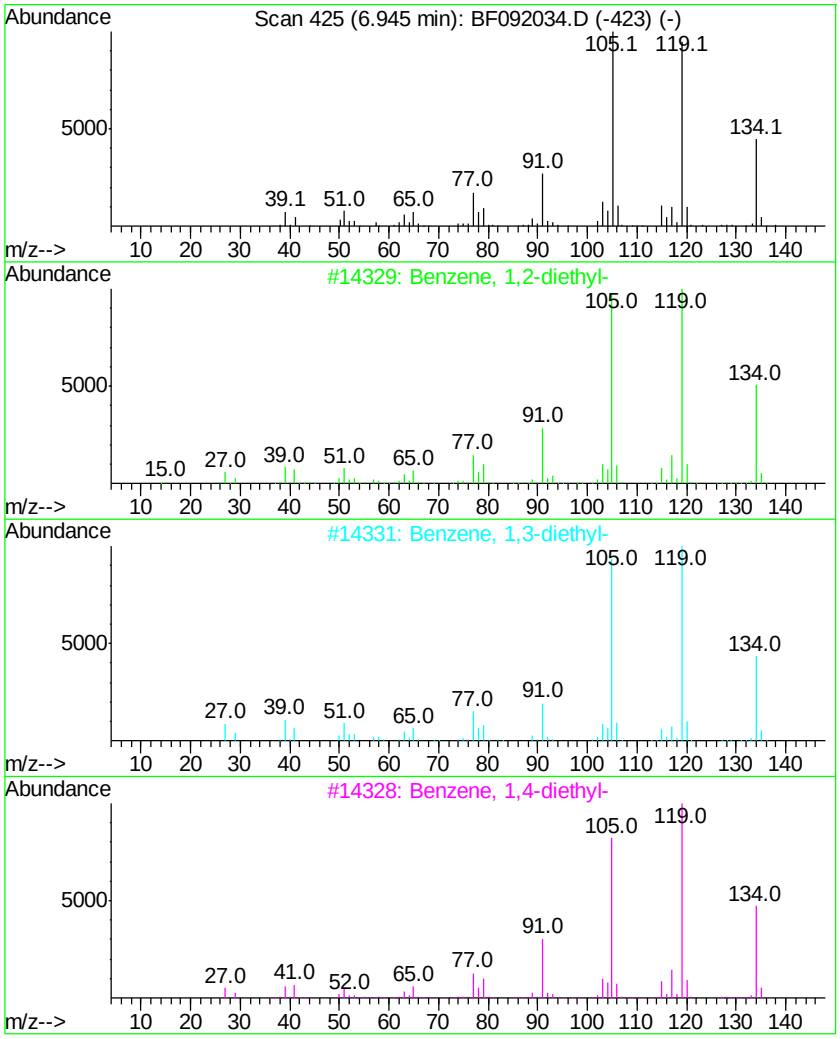
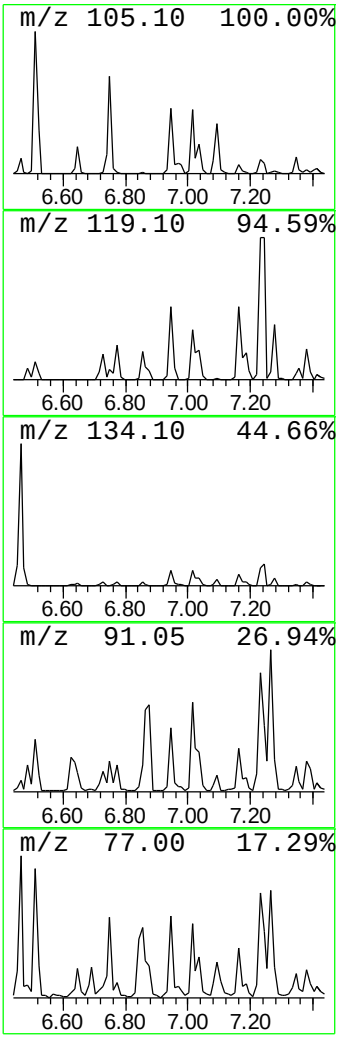
Peak Number 11 Benzene, 1,2-diethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.94	8.60 ng	398513	1,4-Dichlorobenzene-d4	6.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
2	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	95
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91





Library Search Compound Report

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Acq On : 29 Dec 2016 19:57
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Sample : H6301-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11

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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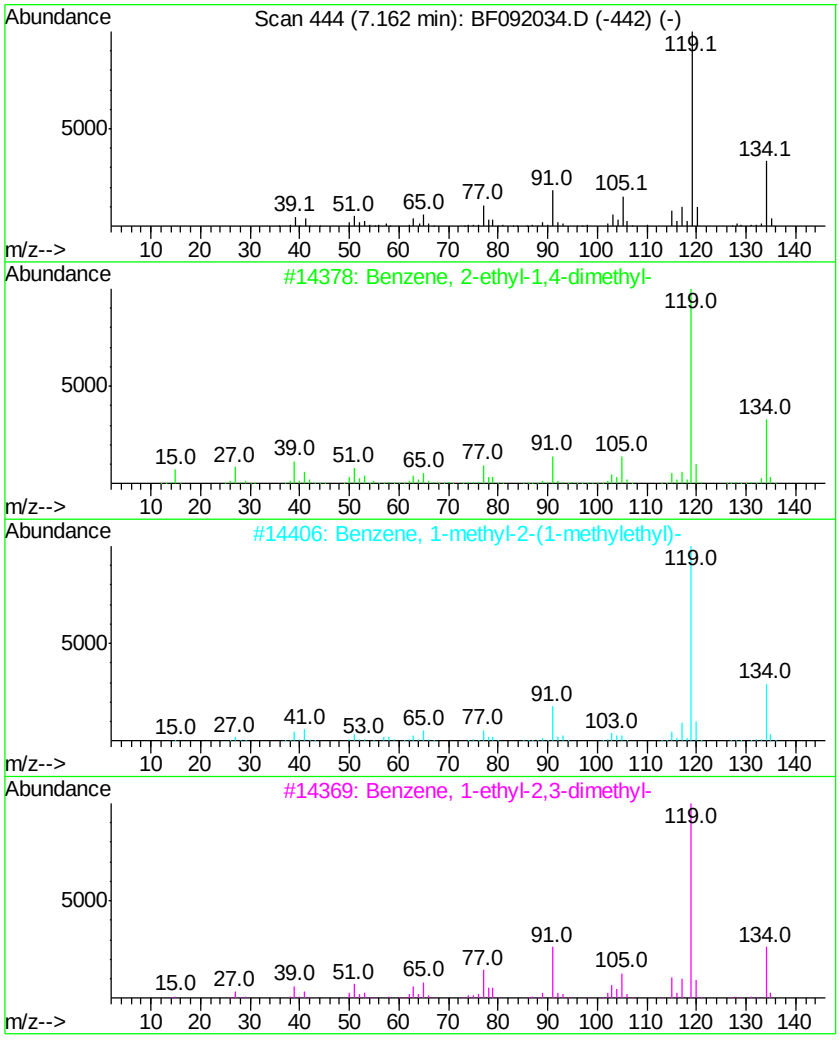
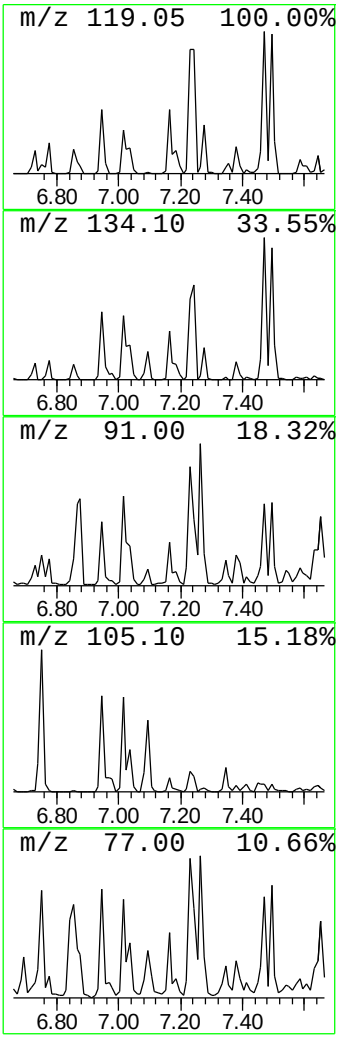
Peak Number 13 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.16	6.13 ng	284307	1,4-Dichlorobenzene-d4	6.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	97
2	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	95
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94





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Sample : H6301-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11

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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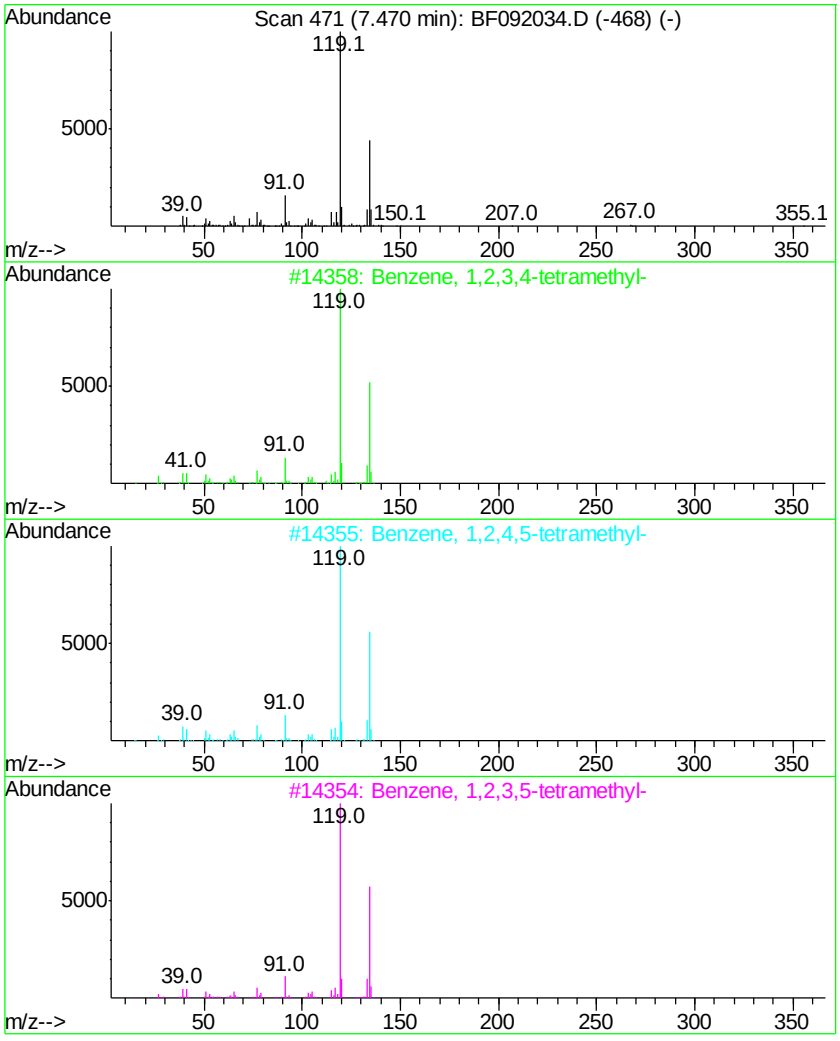
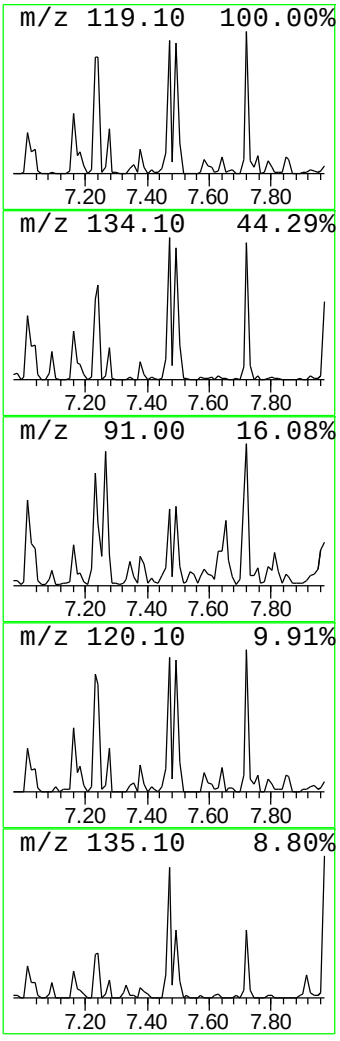
Peak Number 14 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.47	5.13 ng	598950	Naphthalene-d8	7.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
5	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	93





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Acq On : 29 Dec 2016 19:57
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Sample : H6301-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11

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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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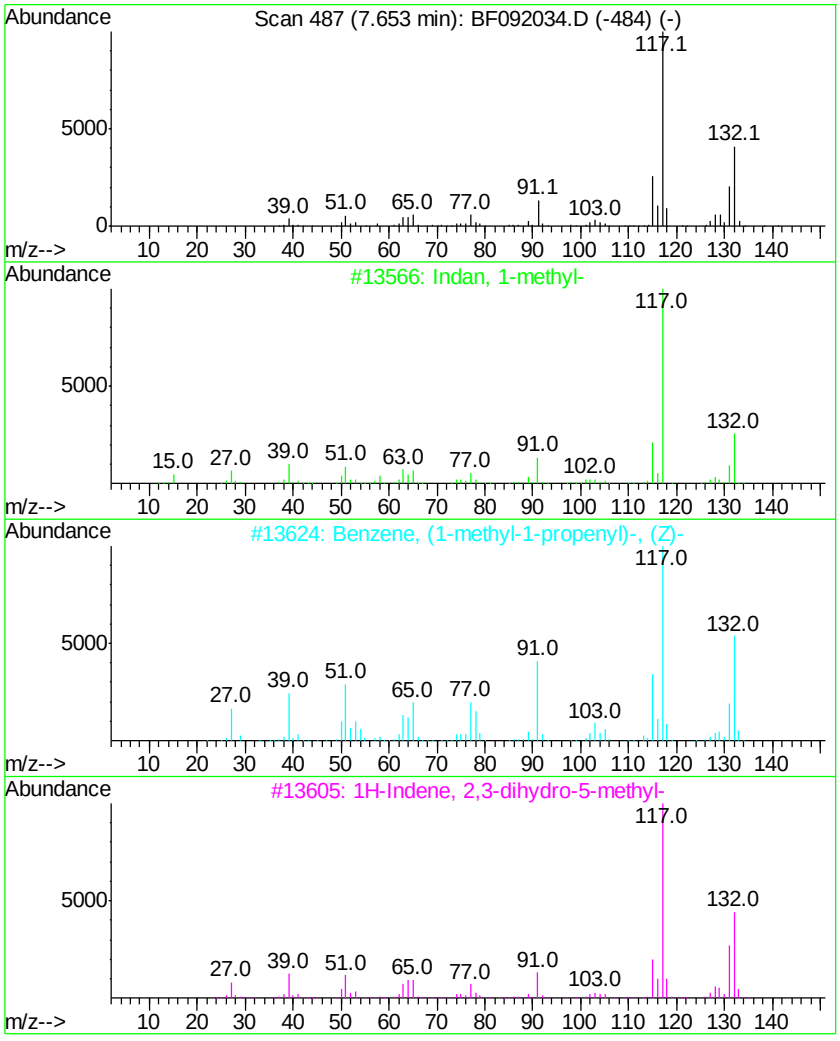
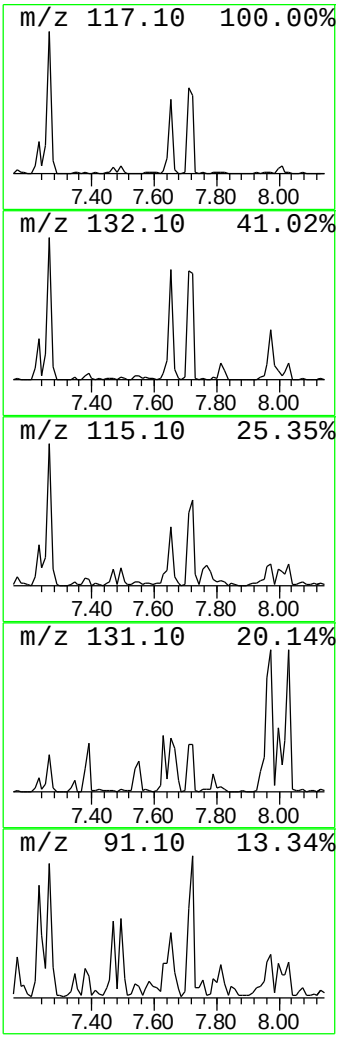
Peak Number 15 Indan, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.65	7.67 ng	895673	Naphthalene-d8	7.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	90
2	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	86
3	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	86
4	1-Phenyl-1-butene	132	C10H12	000824-90-8	83
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	83





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Acq On : 29 Dec 2016 19:57
Operator : UM/SJ
Sample : H6301-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11

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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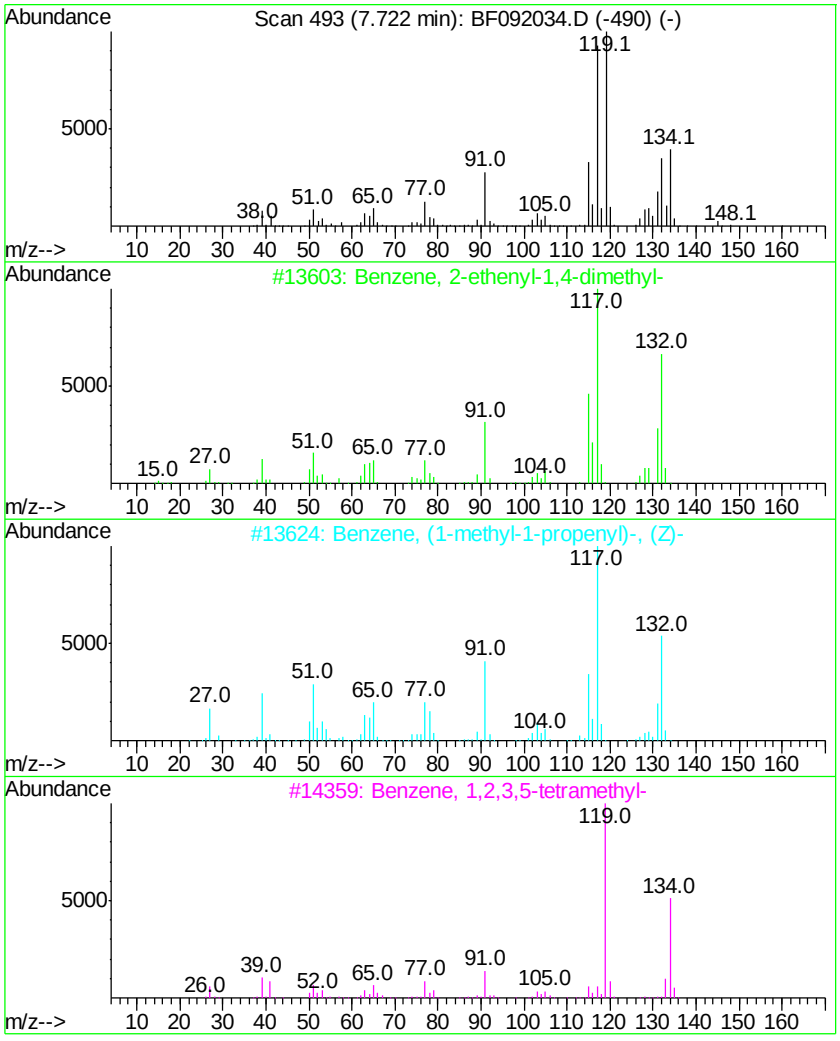
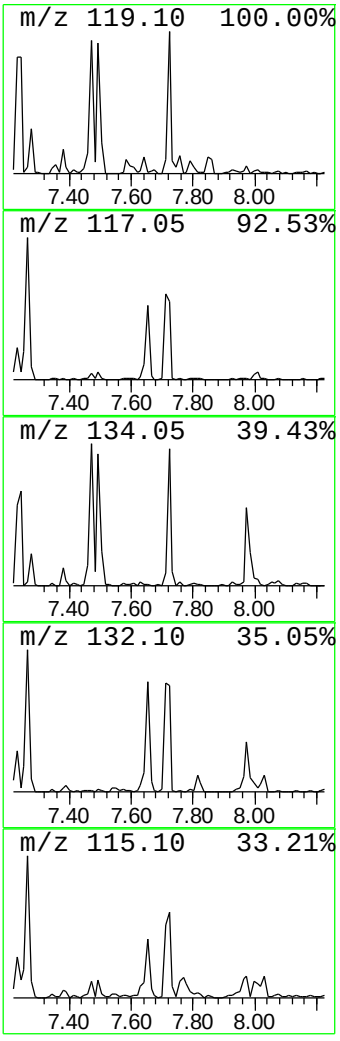
Peak Number 16 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.72	13.64 ng	1592080	Naphthalene-d8	7.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	80
2	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	50
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	50
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	50
5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	50





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Sample : H6301-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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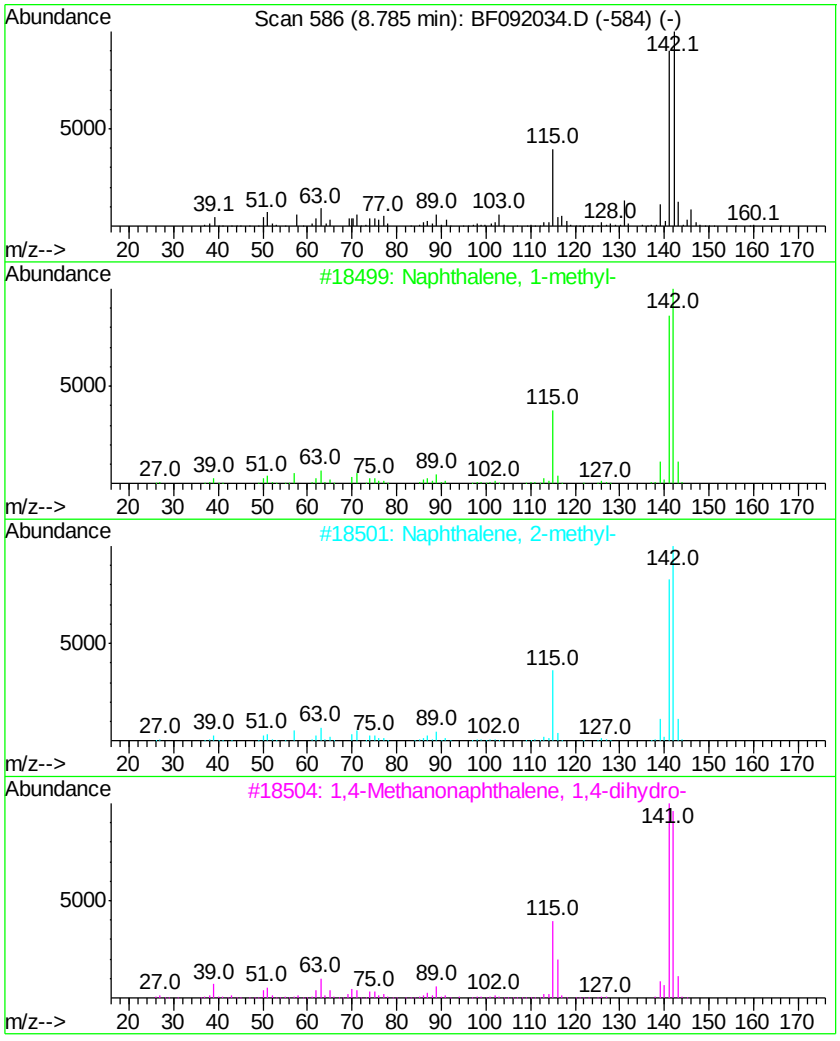
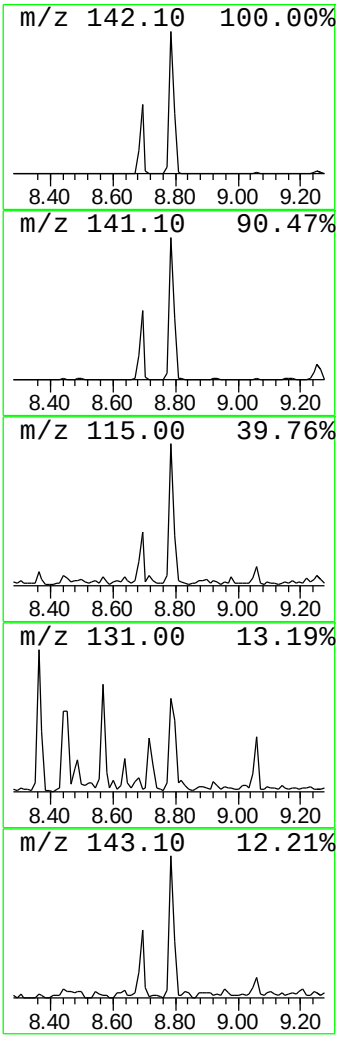
Peak Number 17 Naphthalene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.78	7.03 ng	820952	Naphthalene-d8	7.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
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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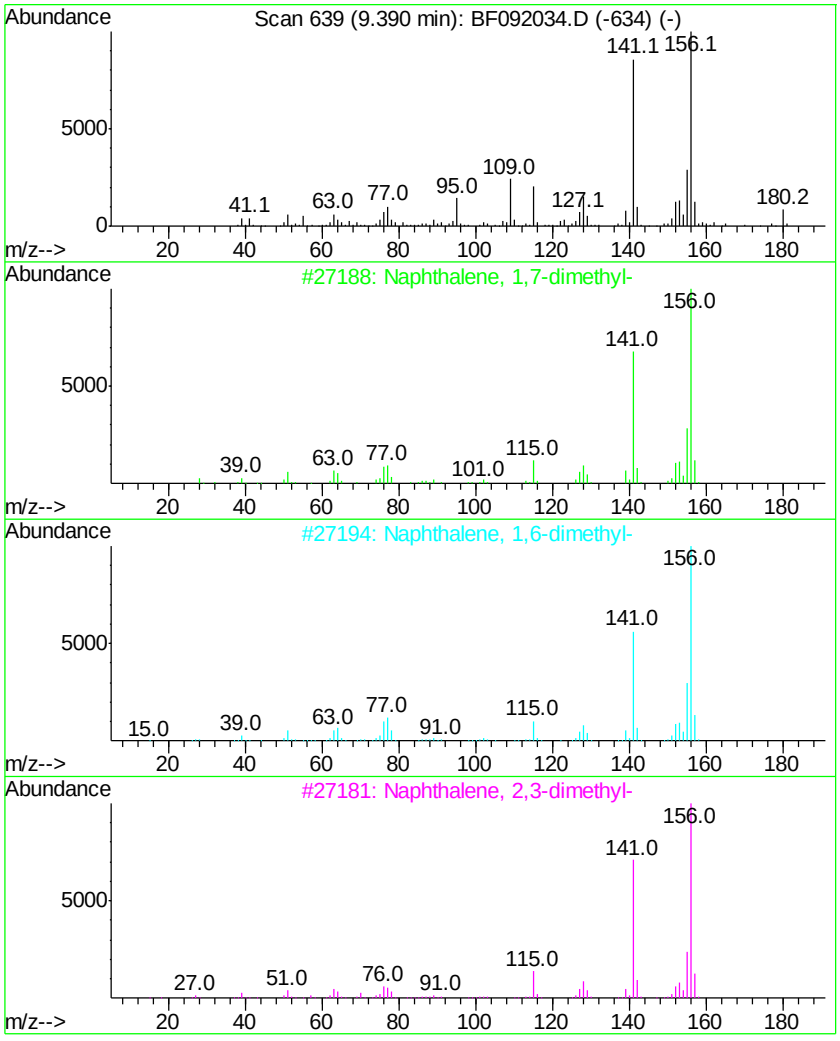
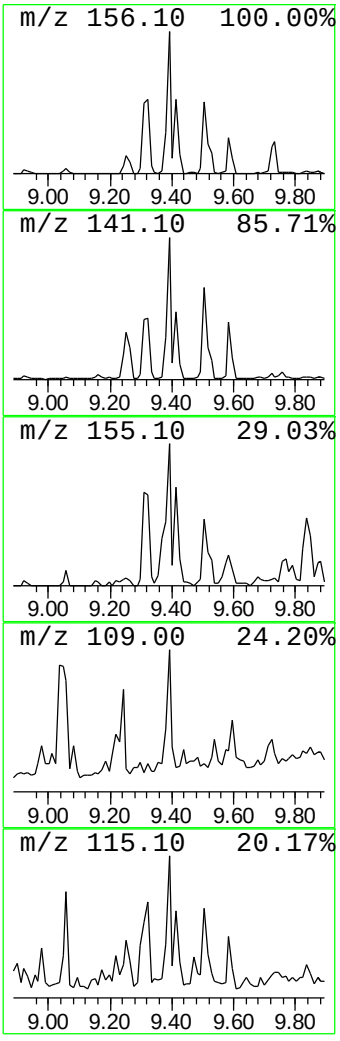
Peak Number 18 Naphthalene, 1,7-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.39	5.08 ng	365210	Acenaphthene-d10	9.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96





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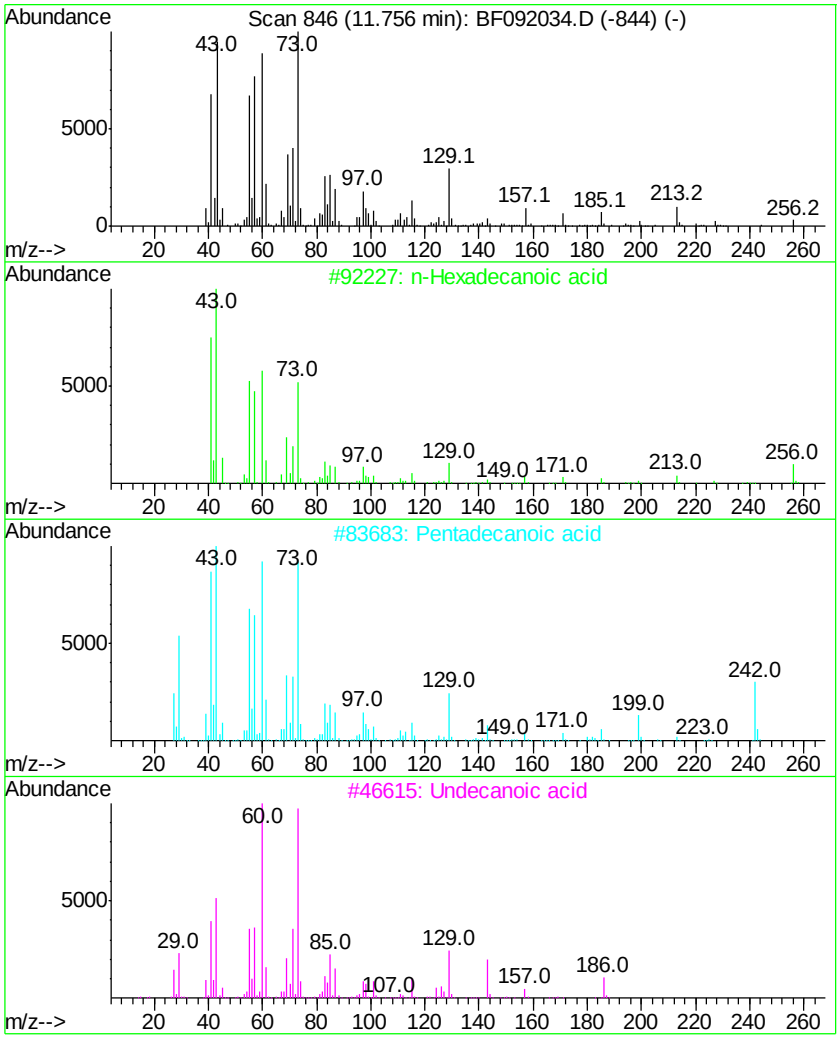
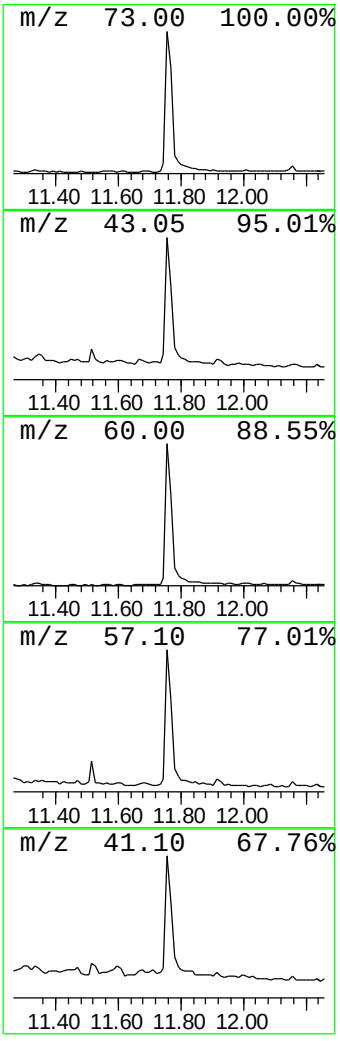
Peak Number 19 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.76	13.54 ng	935252	Phenanthrene-d10	11.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3	Undecanoic acid	186	C11H22O2	000112-37-8	86
4	Tridecanoic acid	214	C13H26O2	000638-53-9	72
5	Tridecane	184	C13H28	000629-50-5	11





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Instrument : BNA_F
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TIC Library : C:\DATABASE\NIST02.L
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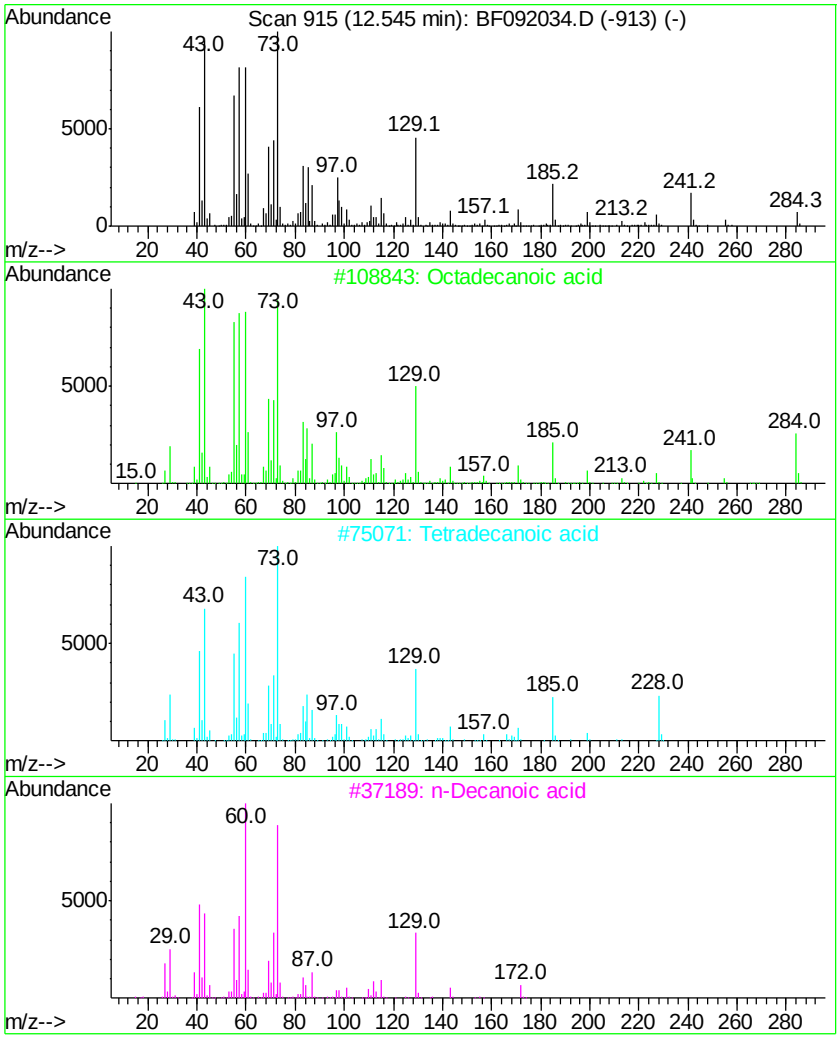
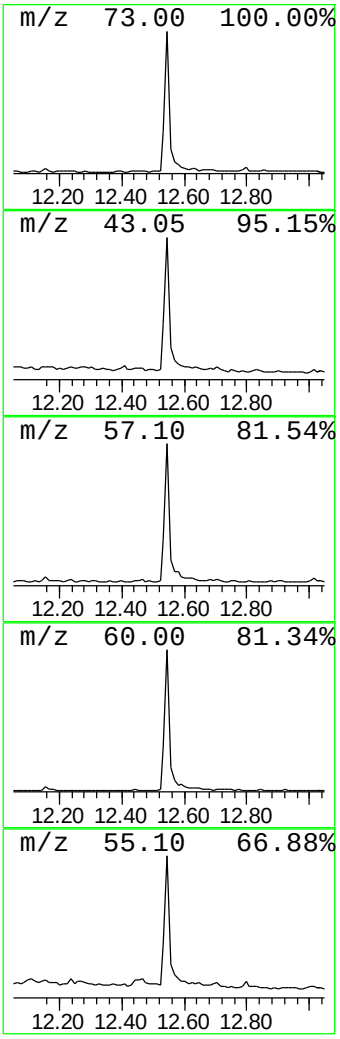
Peak Number 20 Octadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.55	12.85 ng	834292	Chrysene-d12	13.84

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	91
3	n-Decanoic acid	172	C10H20O2	000334-48-5	76
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	62
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\BF122916\
Data File : BF092034.D
Acq On : 29 Dec 2016 19:57
Operator : UM/SJ
Sample : H6301-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11

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-	2.50	7.3	ng	336183	1	6.69	927295	20.0
2-Pentanone, 4-hy...	4.83	17.8	ng	826537	1	6.69	927295	20.0
Bicyclo[2.2.2]octane	5.22	7.9	ng	366842	1	6.69	927295	20.0
Benzene, (1-methy...	5.84	9.4	ng	437369	1	6.69	927295	20.0
Benzene, propyl-	6.14	7.6	ng	354131	1	6.69	927295	20.0
unknown6.46	6.46	85.3	ng	3955640	1	6.69	927295	20.0
Benzene, 1-ethyl-...	6.51	14.4	ng	666441	1	6.69	927295	20.0
Benzene, 1,2,3-tr...	6.75	7.2	ng	335163	1	6.69	927295	20.0
Benzene, 1,2-diet...	6.94	8.6	ng	398513	1	6.69	927295	20.0
Benzene, 2-ethyl-...	7.16	6.1	ng	284307	1	6.69	927295	20.0
Benzene, 1,2,3,4-...	7.47	5.1	ng	598950	2	7.97	2334910	20.0
Indan, 1-methyl-	7.65	7.7	ng	895673	2	7.97	2334910	20.0
Benzene, 2-etheny...	7.72	13.6	ng	1592080	2	7.97	2334910	20.0
Naphthalene, 1-me...	8.78	7.0	ng	820952	2	7.97	2334910	20.0
Naphthalene, 1,7-...	9.39	5.1	ng	365210	3	9.73	1438080	20.0
n-Hexadecanoic acid	11.76	13.5	ng	935252	4	11.21	1381550	20.0
Octadecanoic acid	12.55	12.9	ng	834292	5	13.84	1298970	20.0