LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012517\
Data File : BF092494.D
Acq On : 25 Jan 2017 23:19
Operator : SJ/MA
Sample : I1398-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-3A-012017

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-BF012417.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	2.533	36	39	44	rVB3	29927	89932	1.50%	0.120%
2	2.978	71	78	79	rBV6	28385	82424	1.37%	0.110%
3	3.024	79	82	88	rVB	88585	182025	3.03%	0.242%
4	3.127	88	91	94	rBV	81102	146237	2.43%	0.195%
5	3.184	94	96	98	rVV	86304	154014	2.56%	0.205%
6	3.230	98	100	107	rVB	157531	292695	4.87%	0.389%
7	3.744	141	145	149	rBV	57737	104991	1.75%	0.140%
8	3.973	161	165	168	rVV	626626	883821	14.70%	1.176%
9	4.041	168	171	173	rVB	53234	84523	1.41%	0.112%
10	4.430	203	205	206	rVV	67961	97552	1.62%	0.130%
11	4.464	206	208	210	rVV2	144744	197388	3.28%	0.263%
12	4.510	210	212	216	rVV2	111032	188254	3.13%	0.250%
13	4.681	224	227	232	rVB2	66117	106020	1.76%	0.141%
14	5.047	257	259	261	rBV2	59982	100454	1.67%	0.134%
15	5.093	261	263	265	rVB	198437	234592	3.90%	0.312%
16	5.139	265	267	271	rBV	498284	714444	11.88%	0.951%
17	5.219	271	274	277	rVB	257160	459744	7.65%	0.612%
18	5.276	277	279	284	rVB3	57807	89740	1.49%	0.119%
19	5.424	290	292	295	rVB	505384	484119	8.05%	0.644%
20	5.550	299	303	306	rBV2	3095991	6012592	100.00%	8.000%
21	5.630	306	310	312	rVB3	53356	86235	1.43%	0.115%
22	5.676	312	314	316	rBV	110301	106265	1.77%	0.141%
23	5.733	316	319	322	rBV2	74986	79108	1.32%	0.105%
24	5.802	322	325	327	rBV	1784857	1822491	30.31%	2.425%
25	5.870	328	331	333	rVB2	106959	150818	2.51%	0.201%
26	5.904	333	334	338	rVB2	54463	67747	1.13%	0.090%
27	5.996	338	342	345	rBV	136854	207933	3.46%	0.277%
28	6.179	355	358	360	rVB2	45717	69116	1.15%	0.092%
29	6.293	365	368	369	rBV	48372	83746	1.39%	0.111%
30	6.373	374	375	381	rVB4	35355	75076	1.25%	0.100%
31	6.487	382	385	386	rBV	1191101	1019378	16.95%	1.356%
32	6.522	386	388	389	rVV	708239	681262	11.33%	0.906%
33	6.579	389	393	397	rVB3	1472365	2802808	46.62%	3.729%
34	6.647	397	399	401	rBV	1249180	1145031	19.04%	1.524%

LSC Area Percent Report

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Data File : BF092494.D
Acq On : 25 Jan 2017 23:19
Operator : SJ/MA
Sample : I1398-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-3A-012017

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-BF012417.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	6.727	404	406	410	rVV	3216943	3623249	60.26%	4.821%
36	6.796	410	412	414	rVB	1429678	1921657	31.96%	2.557%
37	6.967	425	427	428	rBV	1104301	1006571	16.74%	1.339%
38	7.002	428	430	431	rVV	636096	927091	15.42%	1.234%
39	7.025	431	432	434	rVV	1445529	1155027	19.21%	1.537%
40	7.127	437	441	442	rBV	3309568	3829077	63.68%	5.095%
41	7.150	442	443	447	rVB3	470588	464453	7.72%	0.618%
42	7.242	447	451	453	rBV4	580028	1045076	17.38%	1.391%
43	7.287	453	455	460	rBV	1085400	1259351	20.95%	1.676%
44	7.367	460	462	464	rBV	548386	588243	9.78%	0.783%
45	7.436	464	468	469	rBV	479490	533983	8.88%	0.711%
46	7.539	472	477	479	rVV2	2470434	4847582	80.62%	6.450%
47	7.619	479	484	486	rVV5	101525	208431	3.47%	0.277%
48	7.653	486	487	489	rVV2	392358	417269	6.94%	0.555%
49	7.688	489	490	492	rVB2	93600	84785	1.41%	0.113%
50	7.745	492	495	496	rBV	616776	647340	10.77%	0.861%
51	7.768	496	497	500	rVV	852182	867926	14.44%	1.155%
52	7.848	502	504	508	rVV4	358190	555763	9.24%	0.739%
53	7.928	508	511	514	rVB2	438106	671642	11.17%	0.894%
54	7.996	514	517	519	rBV	1100579	1311044	21.80%	1.744%
55	8.030	519	520	522	rVV2	143620	188449	3.13%	0.251%
56	8.076	522	524	527	rVV3	232764	396438	6.59%	0.527%
57	8.122	527	528	530	rVV	394740	452053	7.52%	0.601%
58	8.156	530	531	534	rVV3	103790	152686	2.54%	0.203%
59	8.225	534	537	538	rVV	666245	810731	13.48%	1.079%
60	8.259	538	540	543	rVV2	1498204	2739300	45.56%	3.645%
61	8.305	543	544	545	rVV	235222	195885	3.26%	0.261%
62	8.350	545	548	549	rVB2	108741	214034	3.56%	0.285%
63	8.385	549	551	552	rBV2	85106	144964	2.41%	0.193%
64	8.465	556	558	560	rVV3	93986	192115	3.20%	0.256%
65	8.533	560	564	567	rVV4	99235	262956	4.37%	0.350%
66	8.625	569	572	575	rVV4	209013	520973	8.66%	0.693%
67	8.670	575	576	579	rVV2	207391	292356	4.86%	0.389%
68	8.728	579	581	583	rVV2	152028	214931	3.57%	0.286%
69	8.773	583	585	587	rVV2	74304	142676	2.37%	0.190%
70	8.853	587	592	594	rVB2	712574	820286	13.64%	1.091%
71	8.922	594	598	600	rBV4	69658	140499	2.34%	0.187%

LSC Area Percent Report

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Acq On : 25 Jan 2017 23:19
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Sample : I1398-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-3A-012017

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 >
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	8.979	600	603	606	rVV	622226	836761	13.92%	1.113%
73	9.036	606	608	609	rVV2	119792	142381	2.37%	0.189%
74	9.070	609	611	614	rVV2	410212	582230	9.68%	0.775%
75	9.116	614	615	619	rVB	178502	176537	2.94%	0.235%
76	9.219	619	624	625	rBV4	81988	215084	3.58%	0.286%
77	9.345	632	635	637	rBV	4620844	4567322	75.96%	6.077%
78	9.425	637	642	644	rVV	317474	499125	8.30%	0.664%
79	9.459	644	645	647	rVB	82879	96239	1.60%	0.128%
80	9.539	650	652	654	rVB2	116468	155678	2.59%	0.207%
81	9.608	654	658	659	rBV	249520	414180	6.89%	0.551%
82	9.779	670	673	675	rVB4	54203	100402	1.67%	0.134%
83	9.825	675	677	679	rVB2	73506	93174	1.55%	0.124%
84	9.871	679	681	683	rBV2	52517	82049	1.36%	0.109%
85	10.019	691	694	697	rBV	1409402	1554693	25.86%	2.069%
86	10.111	701	702	707	rVB5	61747	84597	1.41%	0.113%
87	10.453	729	732	733	rBV3	50769	71744	1.19%	0.095%
88	10.545	738	740	742	rBV	106808	124165	2.07%	0.165%
89	10.808	760	763	765	rBV2	2057136	2692441	44.78%	3.583%
90	10.945	770	775	778	rVB3	103235	195519	3.25%	0.260%
91	10.991	778	779	781	rBV2	52270	85614	1.42%	0.114%
92	11.174	793	795	797	rVB	96767	97629	1.62%	0.130%
93	11.505	822	824	827	rBV	1380025	1378197	22.92%	1.834%
94	12.042	869	871	875	rBV2	282248	325806	5.42%	0.434%
95	12.831	938	940	946	rBV	121569	185710	3.09%	0.247%
96	13.105	961	964	966	rBV	4148288	4975821	82.76%	6.621%
97	13.997	1039	1042	1045	rBV	66403	97518	1.62%	0.130%
98	14.145	1052	1055	1058	rVB	1398362	1270206	21.13%	1.690%
99	15.014	1128	1131	1138	rVB	65462	112364	1.87%	0.150%
100	15.620	1181	1184	1187	rBV	761819	992660	16.51%	1.321%

Sum of corrected areas: 75155313

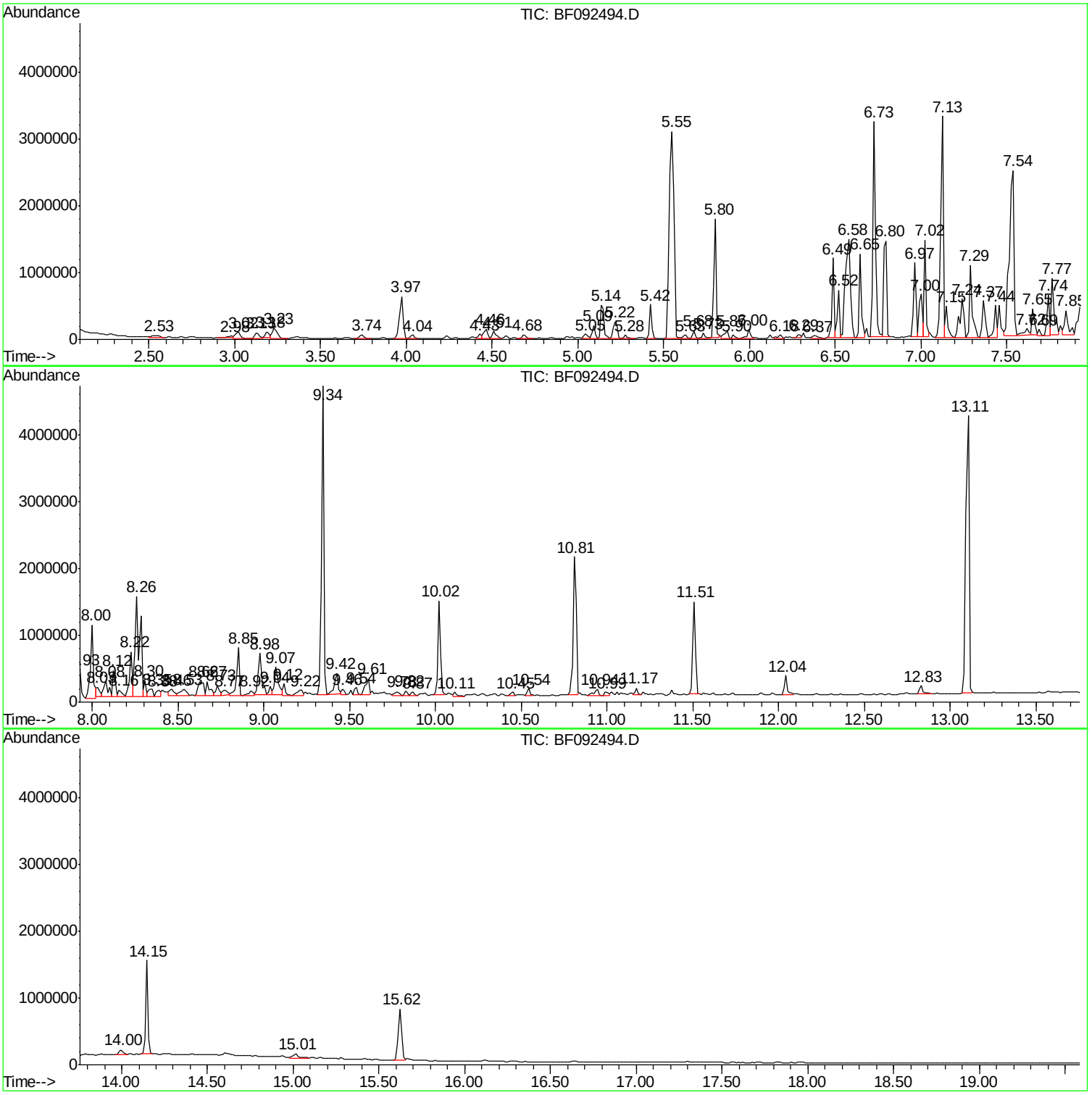
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012517\
Data File : BF092494.D
Acq On : 25 Jan 2017 23:19
Operator : SJ/MA
Sample : I1398-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-3A-012017

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.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\BF012517\
Data File : BF092494.D
Acq On : 25 Jan 2017 23:19
Operator : SJ/MA
Sample : I1398-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-3A-012017

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

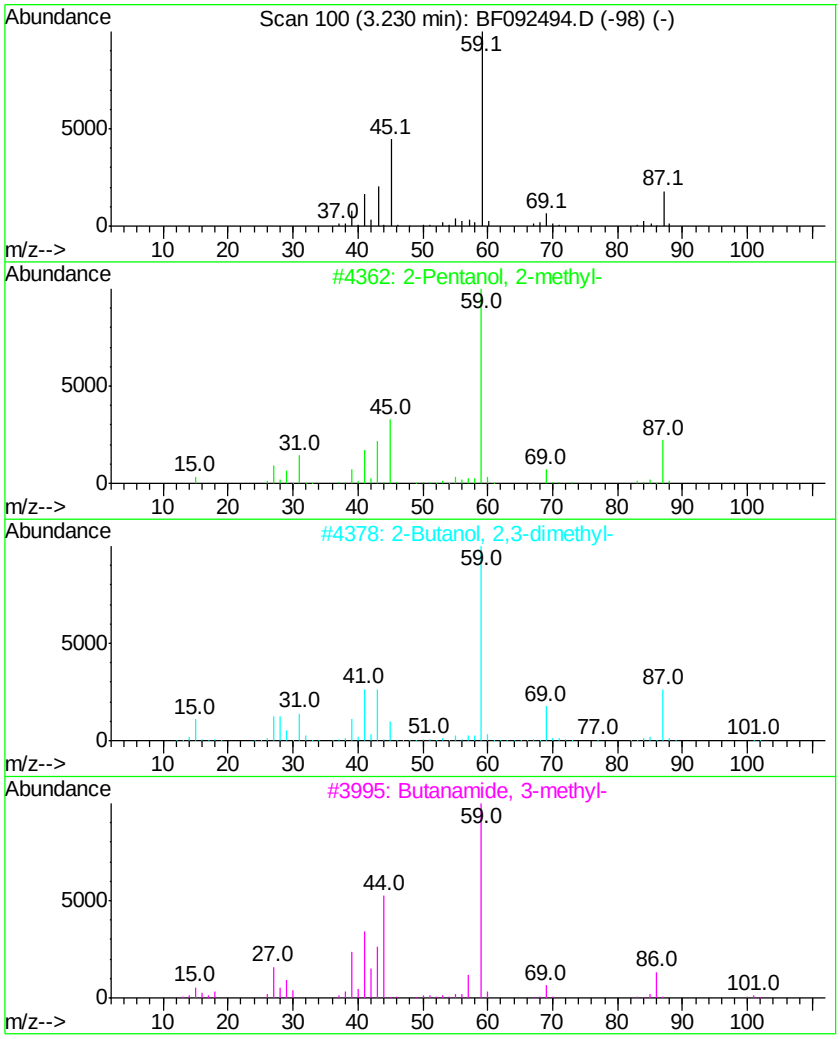
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

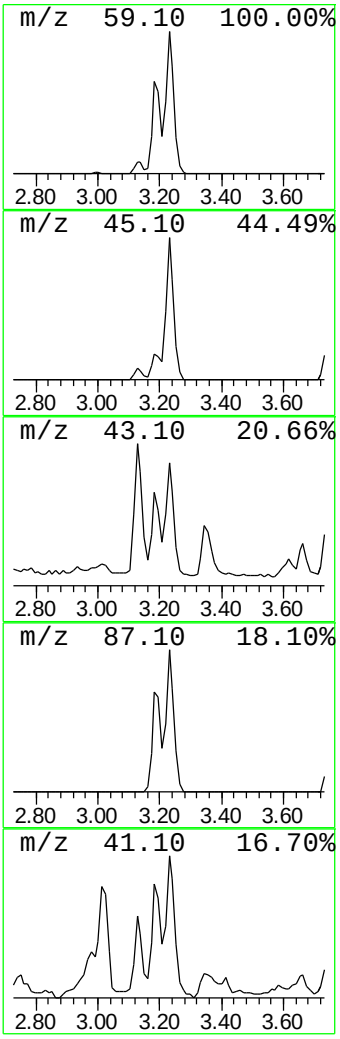
****

Peak Number 1 2-Pentanol, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.23	5.82 ng	292695	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanol, 2-methyl-	102	C6H14O	000590-36-3	64
2	2-Butanol, 2,3-dimethyl-	102	C6H14O	000594-60-5	40
3	Butanamide, 3-methyl-	101	C5H11NO	000541-46-8	28
4	2-Hydroxy-2-methylhept-6-en-3-one	142	C8H14O2	000996-61-2	25
5	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	22





Data Path : Z:\HPCHEM1\BNA F\DATA\BF012517\
Data File : BF092494.D
Acq On : 25 Jan 2017 23:19
Operator : SJ/MA
Sample : I1398-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-3A-012017

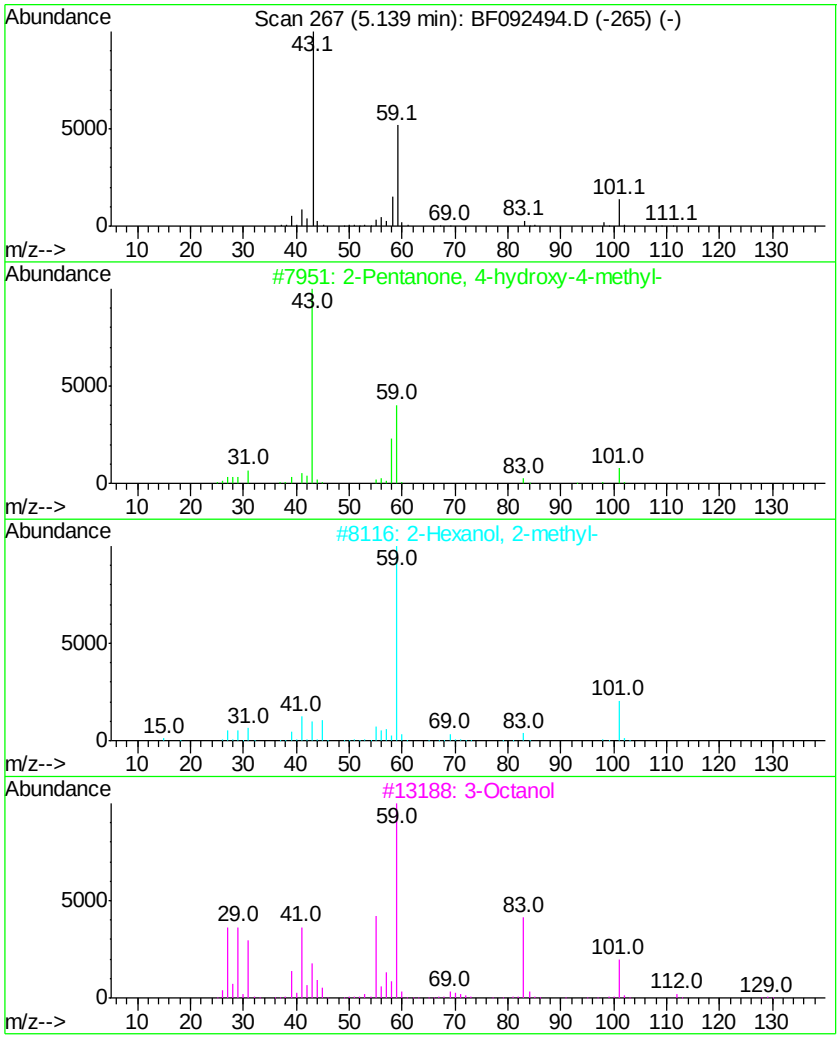
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

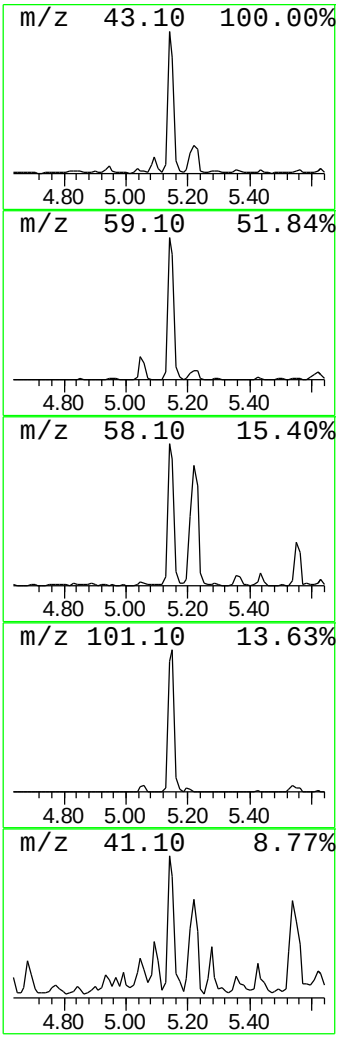
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.14	14.20 ng	714444	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	38
3	3-Octanol	130	C8H18O	000589-98-0	33
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25





Library Search Compound Report

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Sample : I1398-04
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ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-3A-012017

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

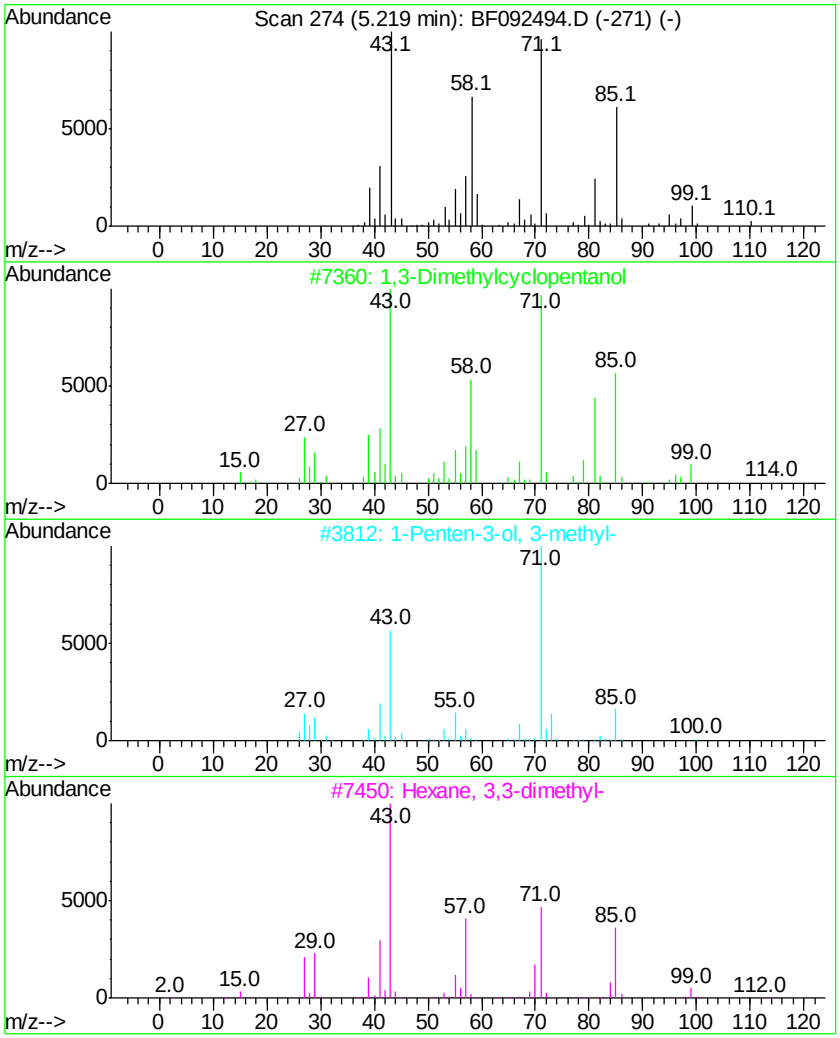
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

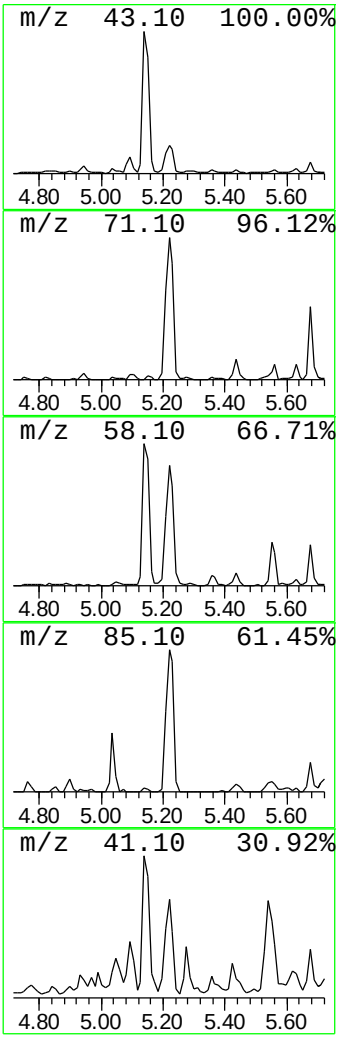
****

Peak Number 4 1,3-Dimethylcyclopentanol Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.22	9.13 ng	459744	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dimethylcyclopentanol	114	C7H14O	019550-46-0	83
2	1-Penten-3-ol, 3-methyl-	100	C6H12O	000918-85-4	43
3	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	40
4	3-Buten-2-ol, 2-methyl-	86	C5H10O	000115-18-4	32
5	Propanoic acid, 2-methyl-, anhyd...	158	C8H14O3	000097-72-3	27





Data Path : Z:\HPCHEM1\BNA F\DATA\BF012517\
Data File : BF092494.D
Acq On : 25 Jan 2017 23:19
Operator : SJ/MA
Sample : I1398-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-3A-012017

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

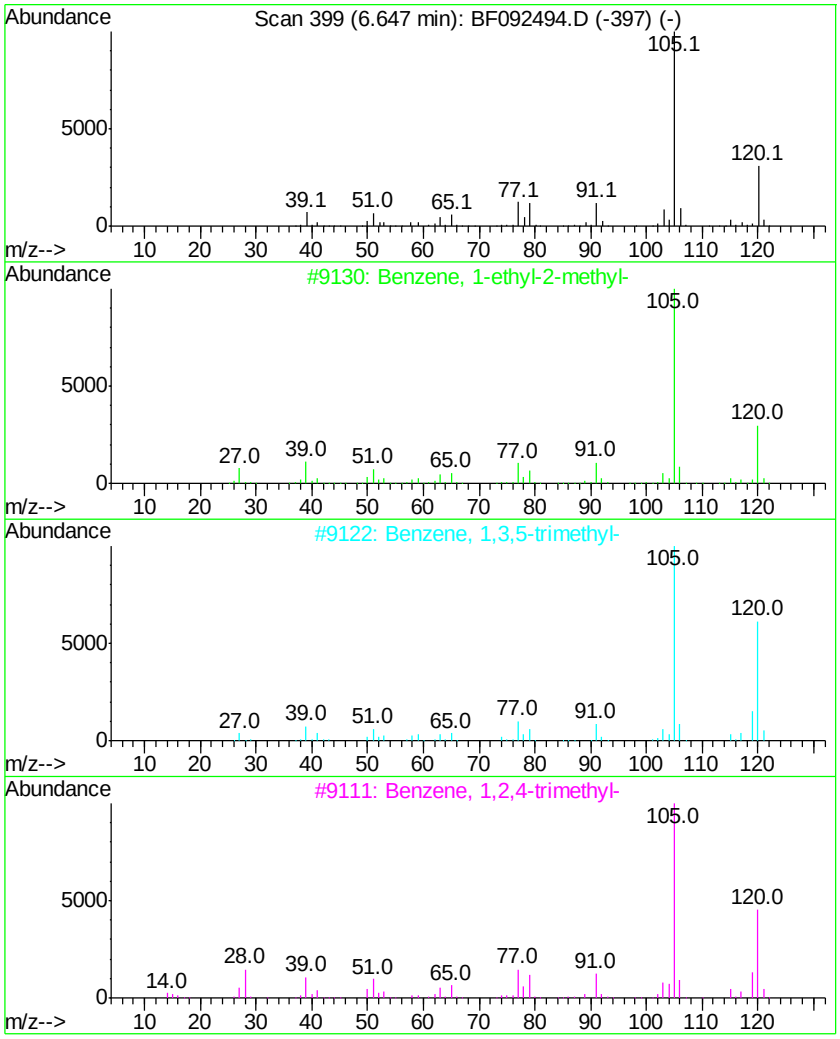
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

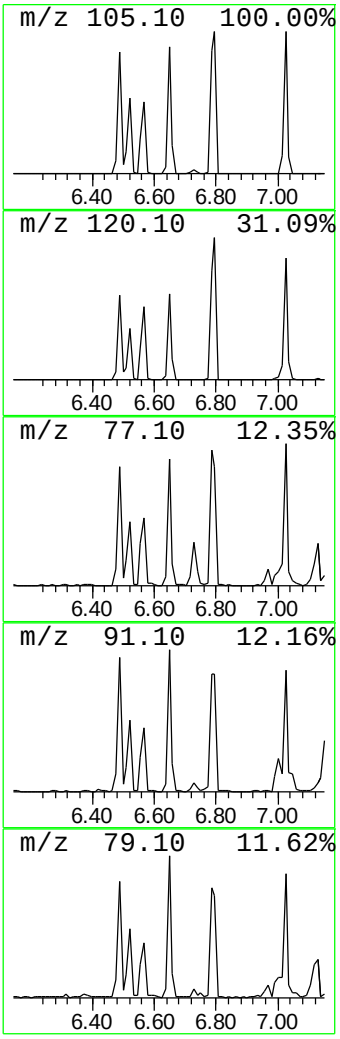
****

Peak Number 7 Benzene, 1-ethyl-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	22.75 ng	1145030	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





Data Path : Z:\HPCHEM1\BNA F\DATA\BF012517\
Data File : BF092494.D
Acq On : 25 Jan 2017 23:19
Operator : SJ/MA
Sample : I1398-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-3A-012017

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

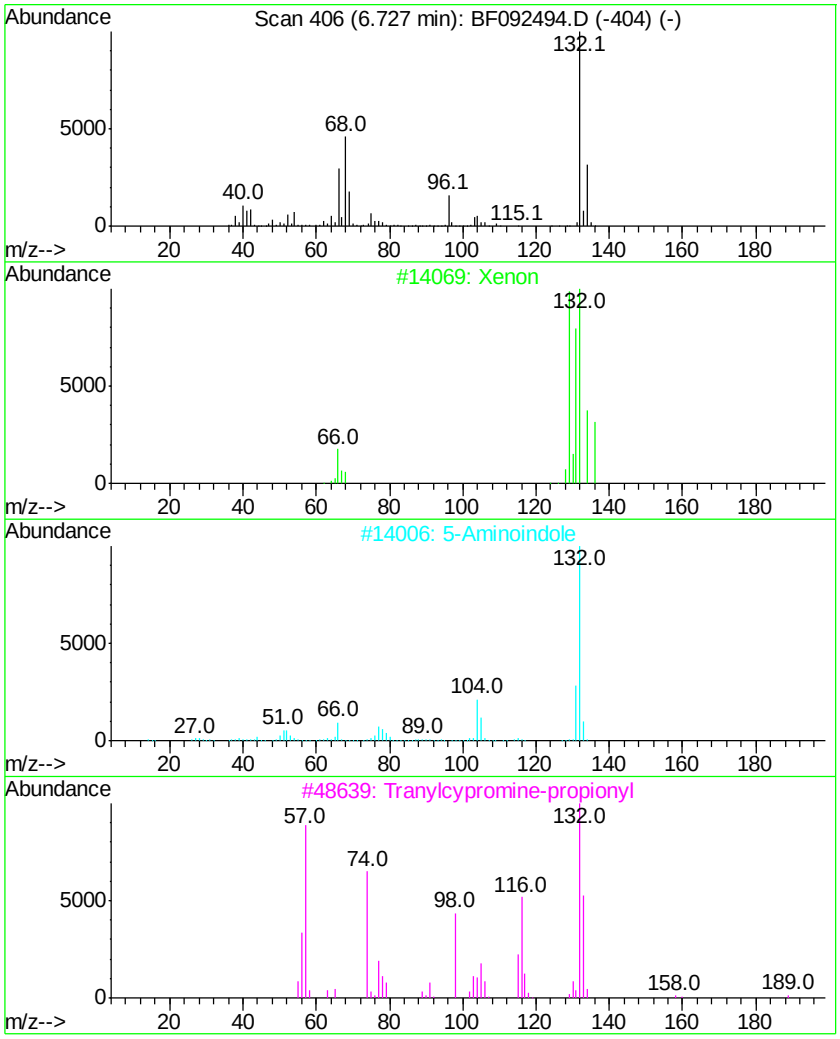
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

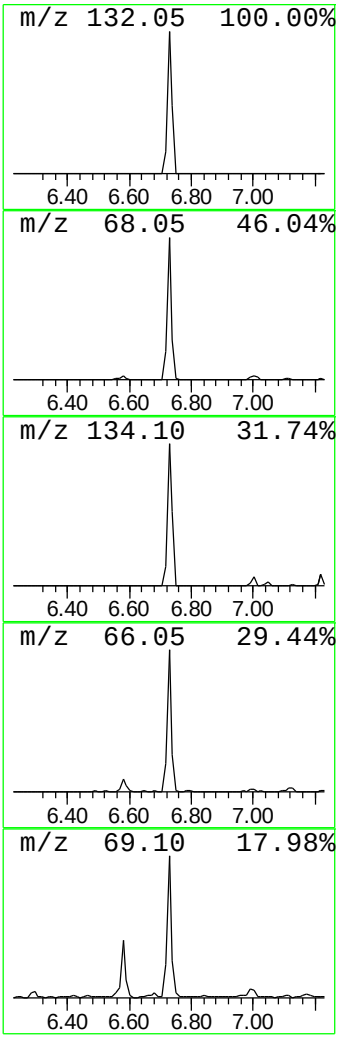
****

Peak Number 8 unknown6.73 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.73	71.99 ng	3623250	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Xenon	132	Xe	007440-63-3	25
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF012517\
Data File : BF092494.D
Acq On : 25 Jan 2017 23:19
Operator : SJ/MA
Sample : I1398-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-3A-012017

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.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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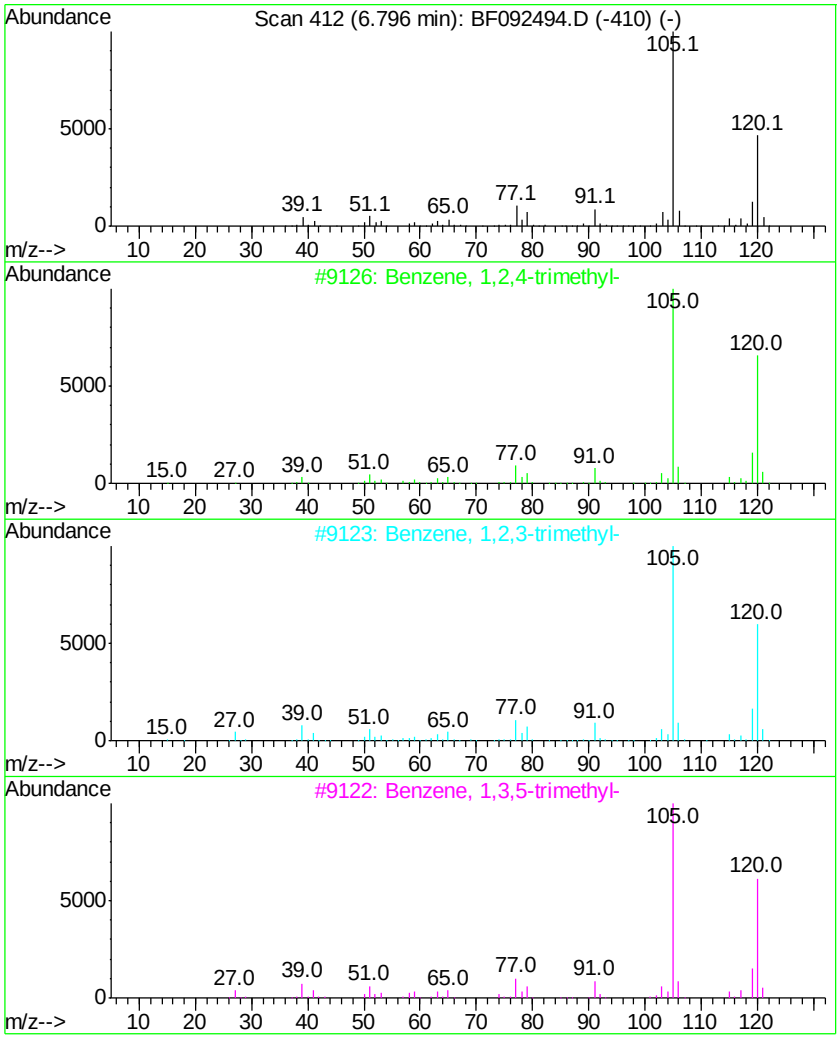
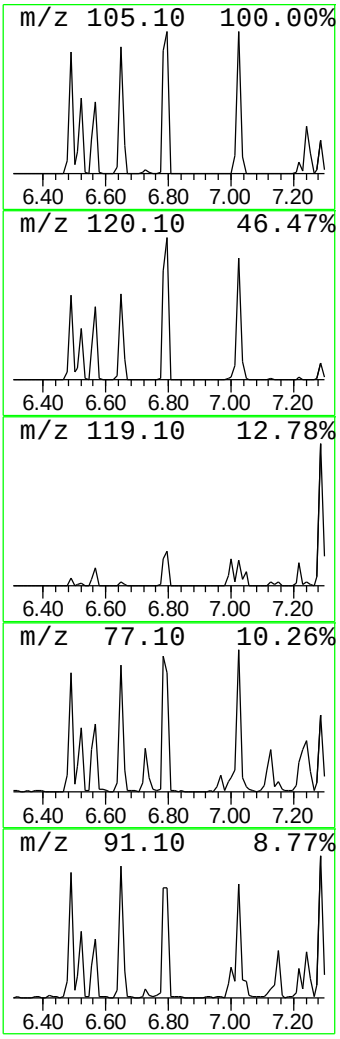
Peak Number 9 Benzene, 1,2,4-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.80	38.18 ng	1921660	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	90
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	87
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	87





Data Path : Z:\HPCHEM1\BNA F\DATA\BF012517\
Data File : BF092494.D
Acq On : 25 Jan 2017 23:19
Operator : SJ/MA
Sample : I1398-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-3A-012017

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.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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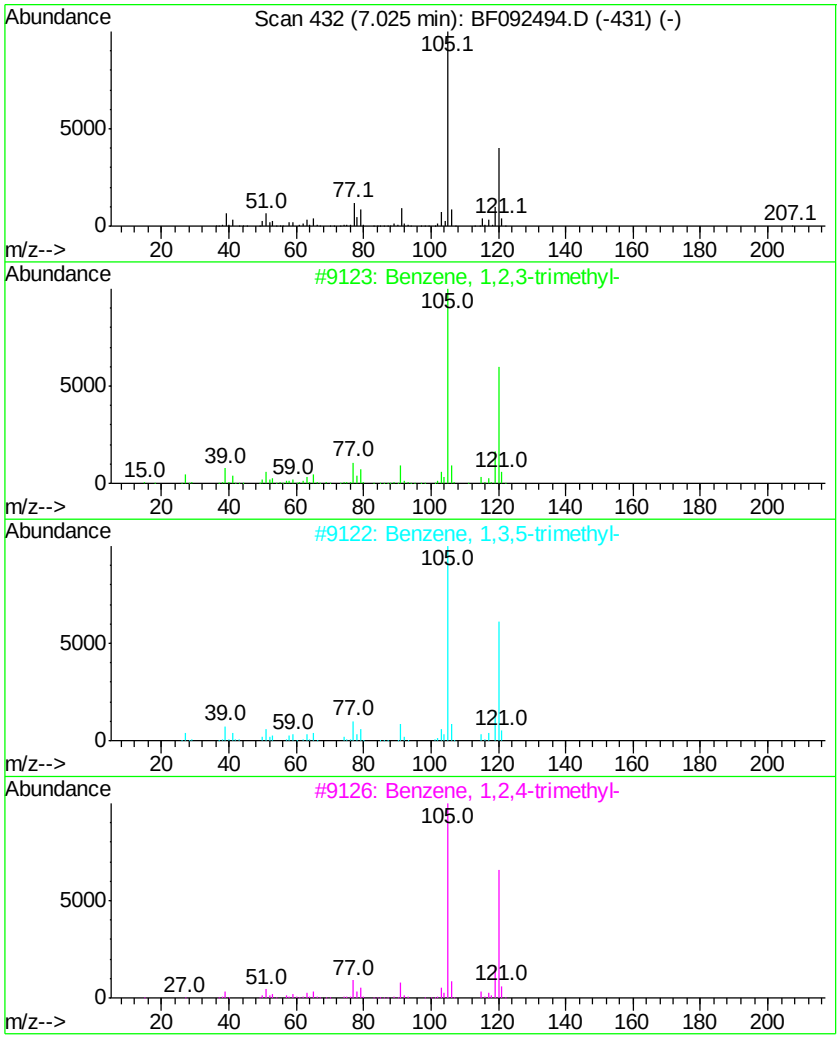
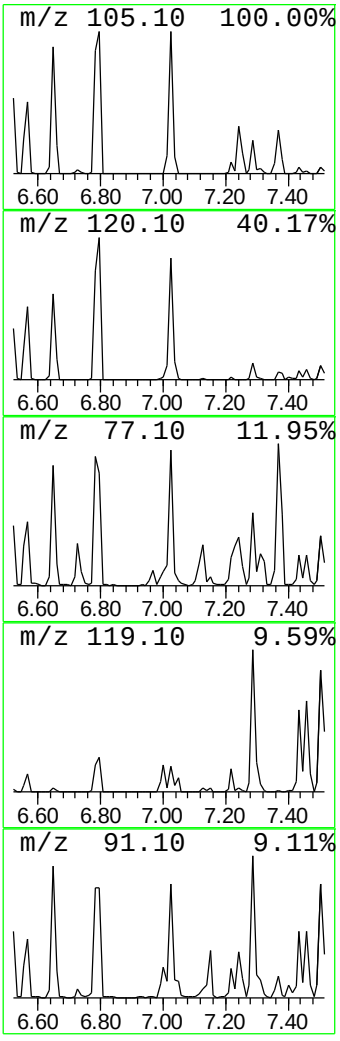
Peak Number 10 Benzene, 1,2,3-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.02	22.95 ng	1155030	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	93
2	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	87





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Operator : SJ/MA
Sample : I1398-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-3A-012017

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.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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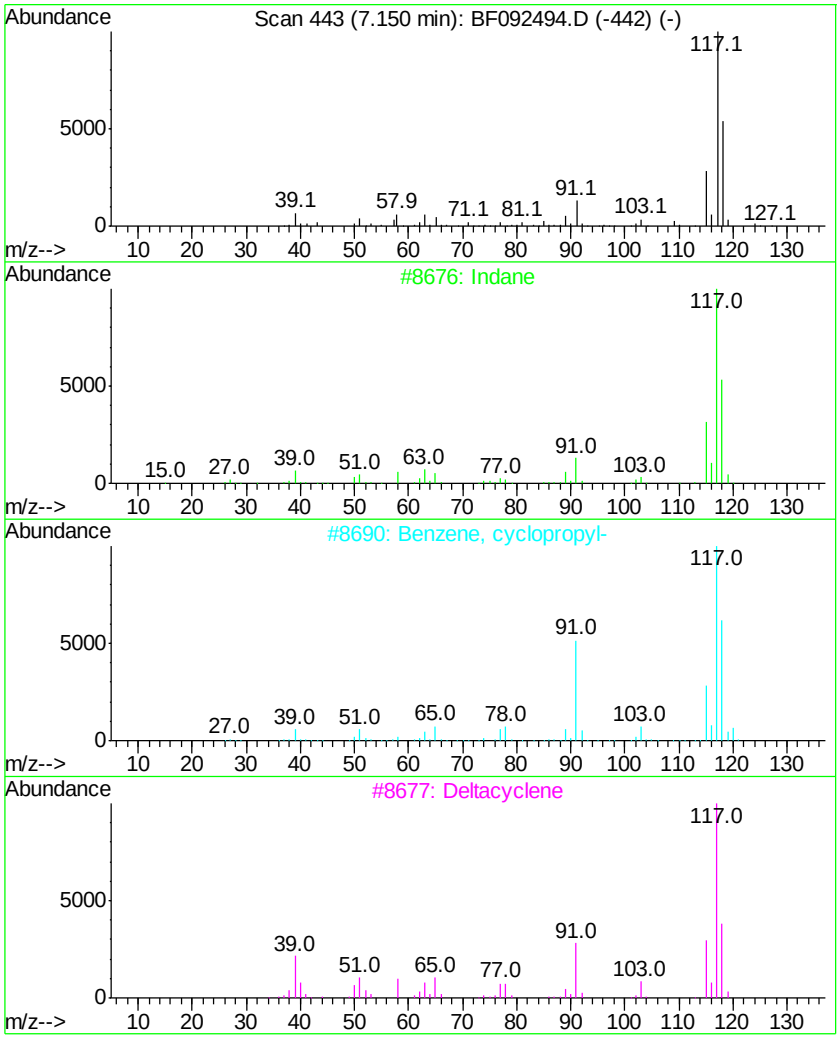
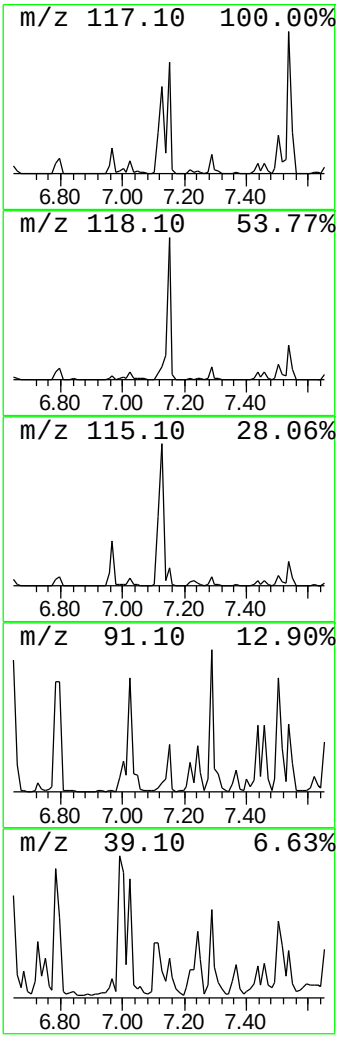
Peak Number 12 Indane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.15	9.23 ng	464453	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	72
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	64
3	Deltacyclene	118	C9H10	007785-10-6	59
4	Benzene, 1-propenyl-	118	C9H10	000637-50-3	49
5	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	49





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Operator : SJ/MA
Sample : I1398-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-3A-012017

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TIC Library : C:\DATABASE\NIST02.L
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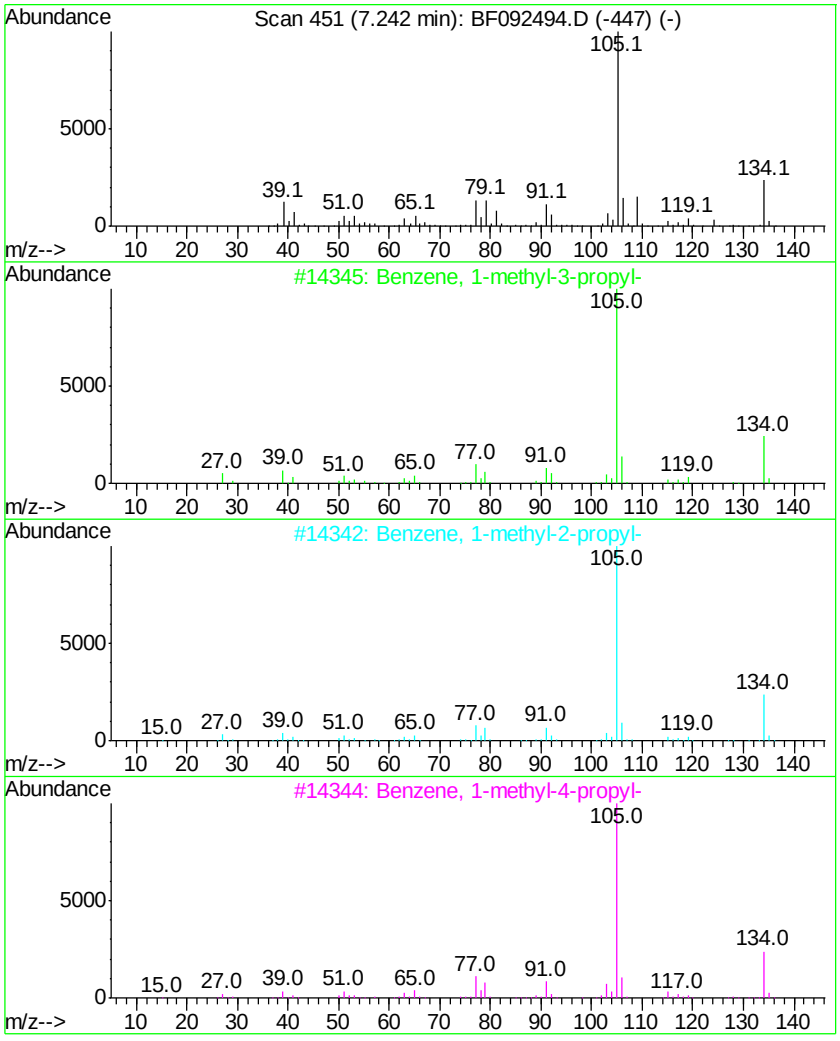
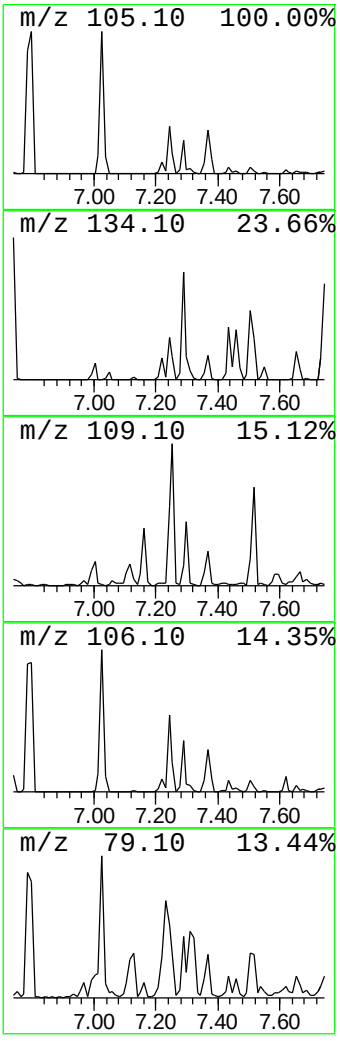
Peak Number 13 Benzene, 1-methyl-3-propyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.24	20.77 ng	1045080	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	93
2	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	87
3	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	81
4	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	70
5	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	70





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Operator : SJ/MA
Sample : I1398-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-3A-012017

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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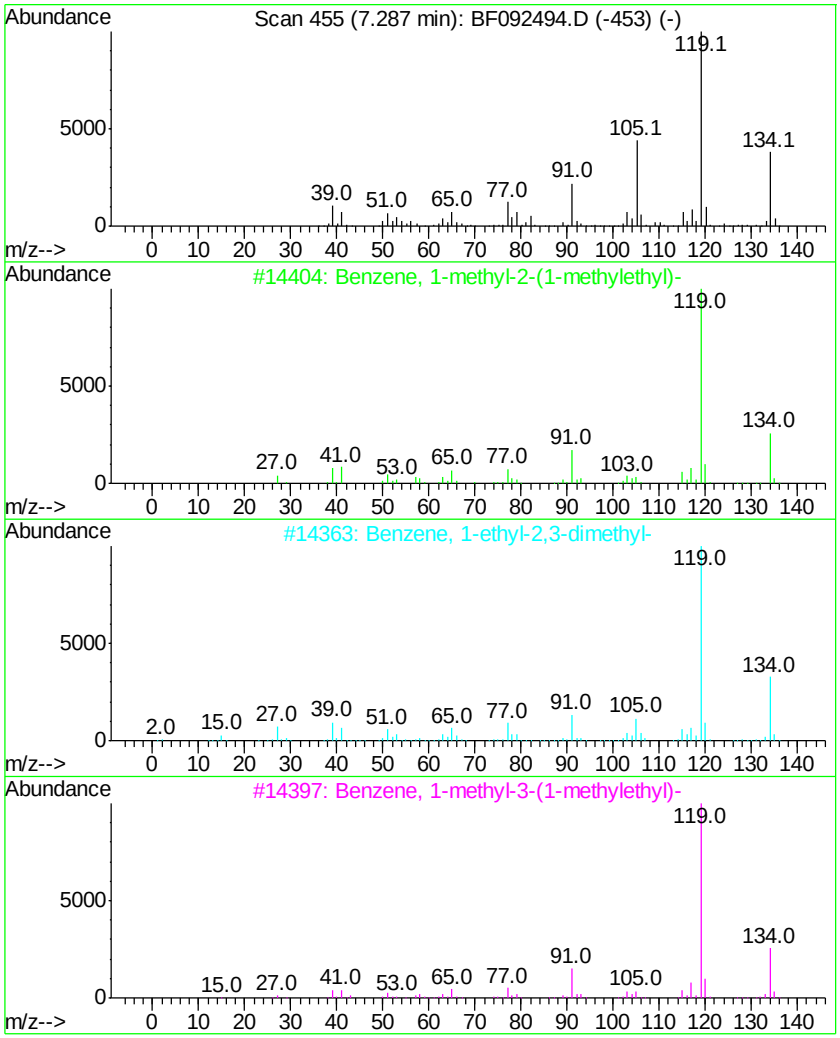
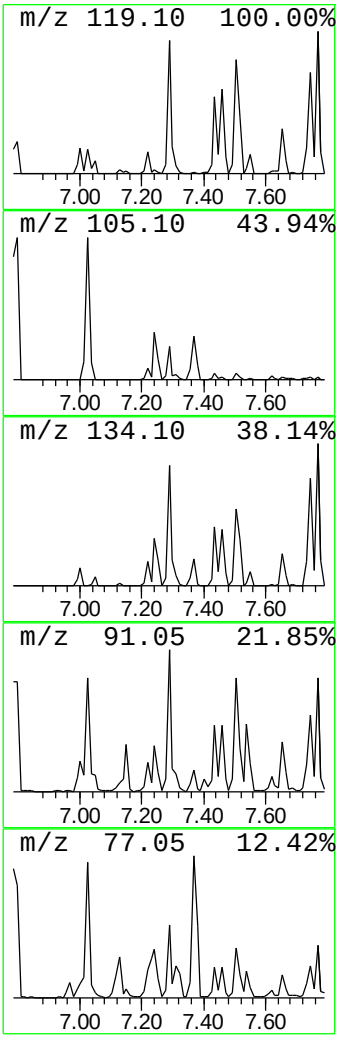
Peak Number 14 Benzene, 1-methyl-2-(1-meth... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.29	25.02 ng	1259350	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	95
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	93
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91





Library Search Compound Report

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Data File : BF092494.D
Acq On : 25 Jan 2017 23:19
Operator : SJ/MA
Sample : I1398-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-3A-012017

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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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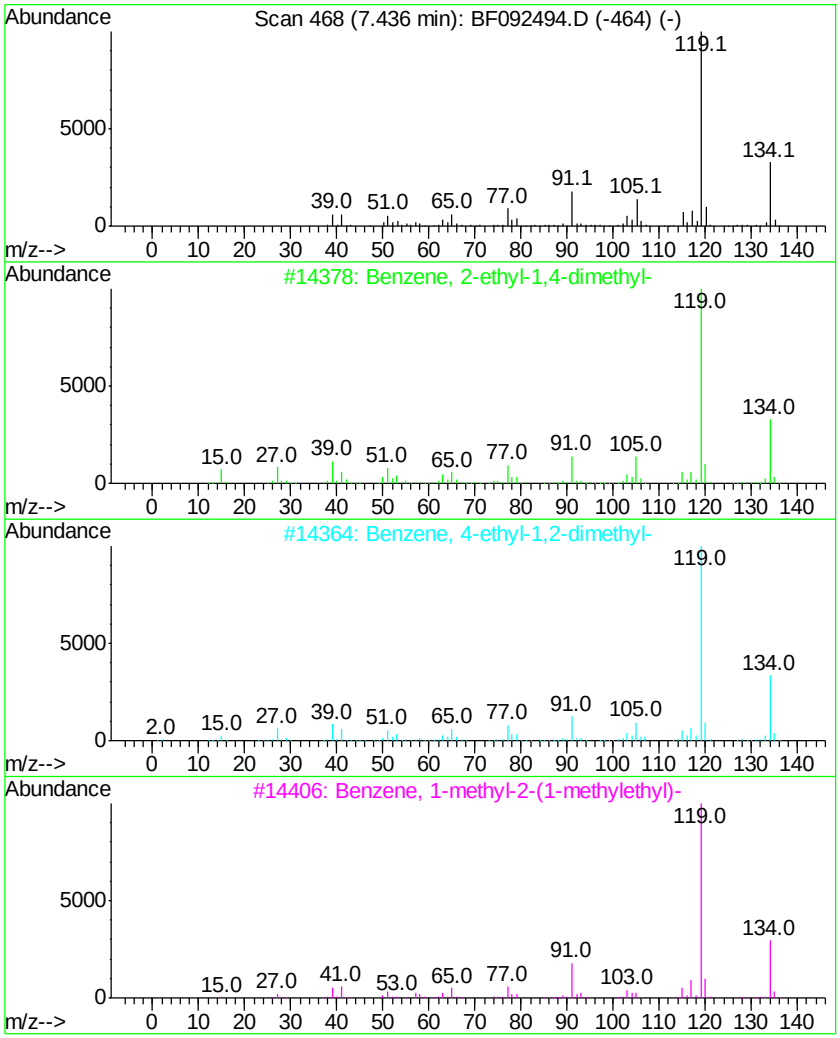
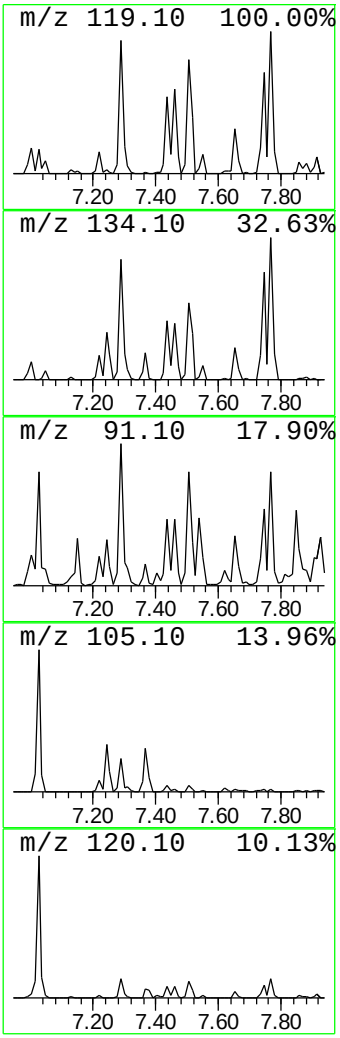
Peak Number 15 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.44	10.61 ng	533983	1,4-Dichlorobenzene-d4	6.97

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





Library Search Compound Report

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Acq On : 25 Jan 2017 23:19
Operator : SJ/MA
Sample : I1398-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-3A-012017

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.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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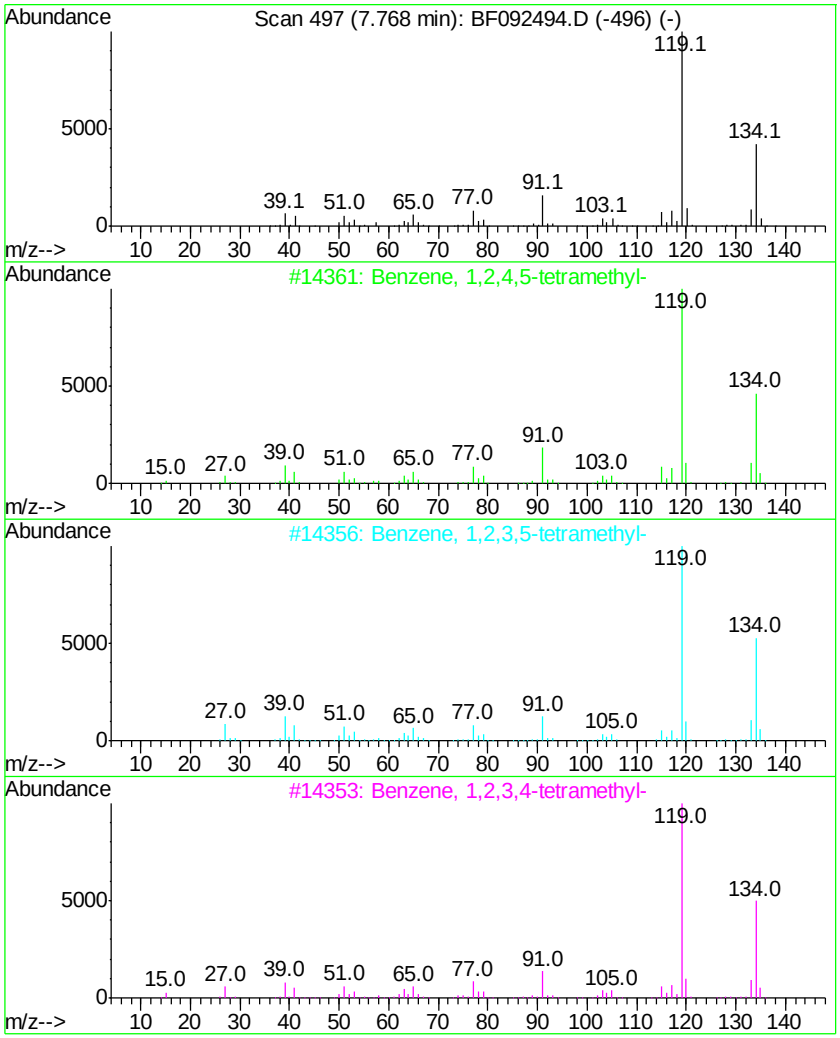
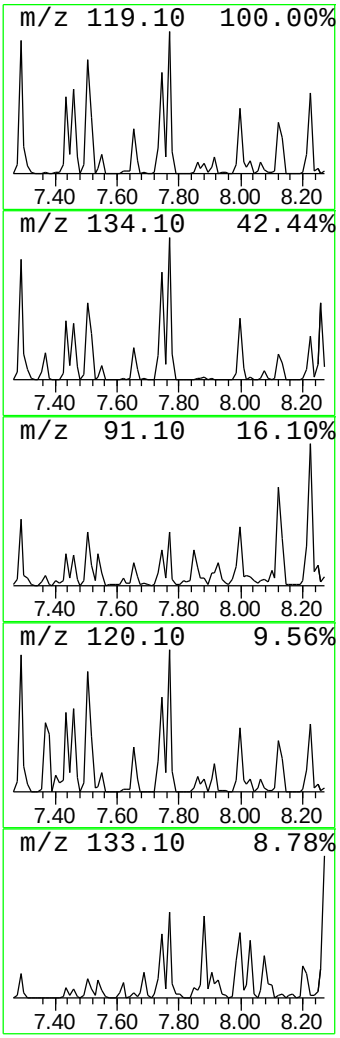
Peak Number 16 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.77	6.34 ng	867926	Naphthalene-d8	8.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	97
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
4	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	94
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91





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Operator : SJ/MA
Sample : I1398-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-3A-012017

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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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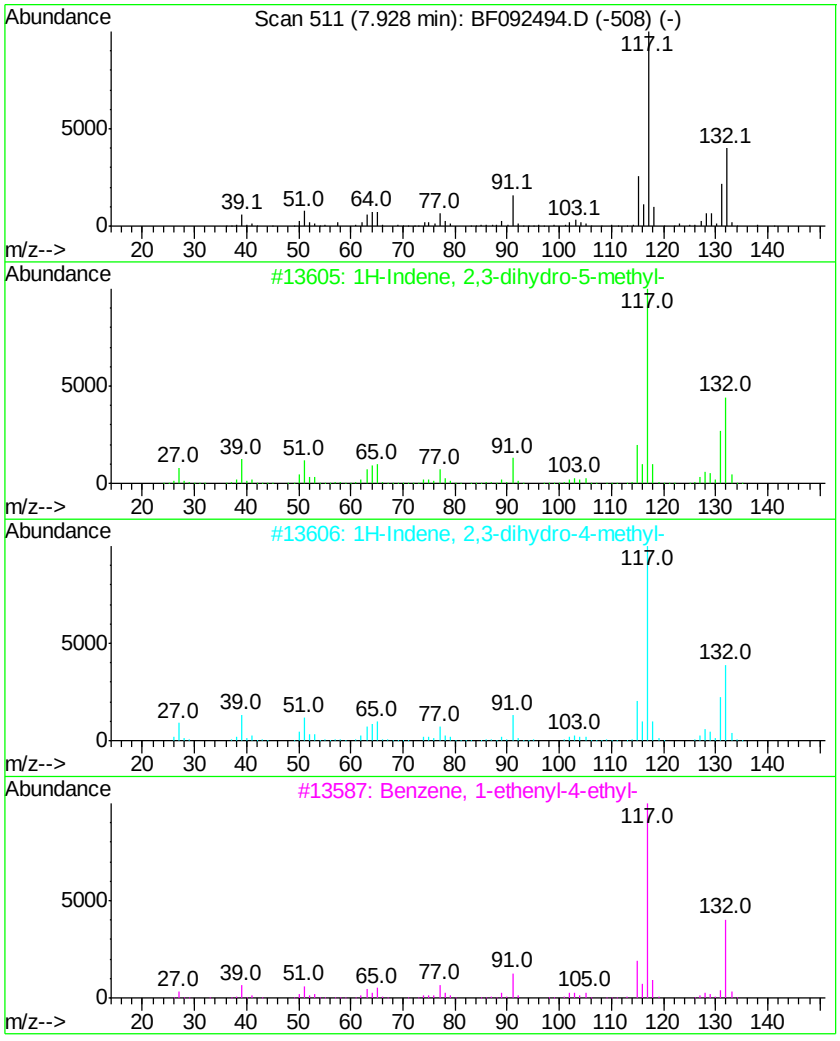
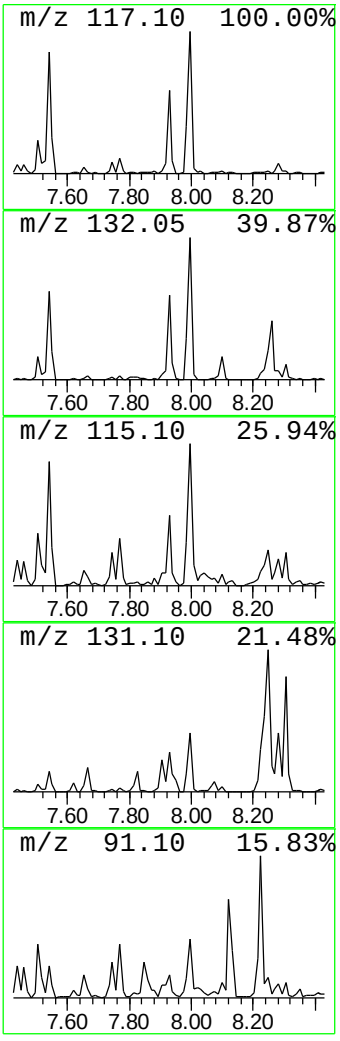
Peak Number 17 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.93	4.90 ng	671642	Naphthalene-d8	8.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	94
2	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	94
3	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	87
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	86
5	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	83





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Sample : I1398-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-3A-012017

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.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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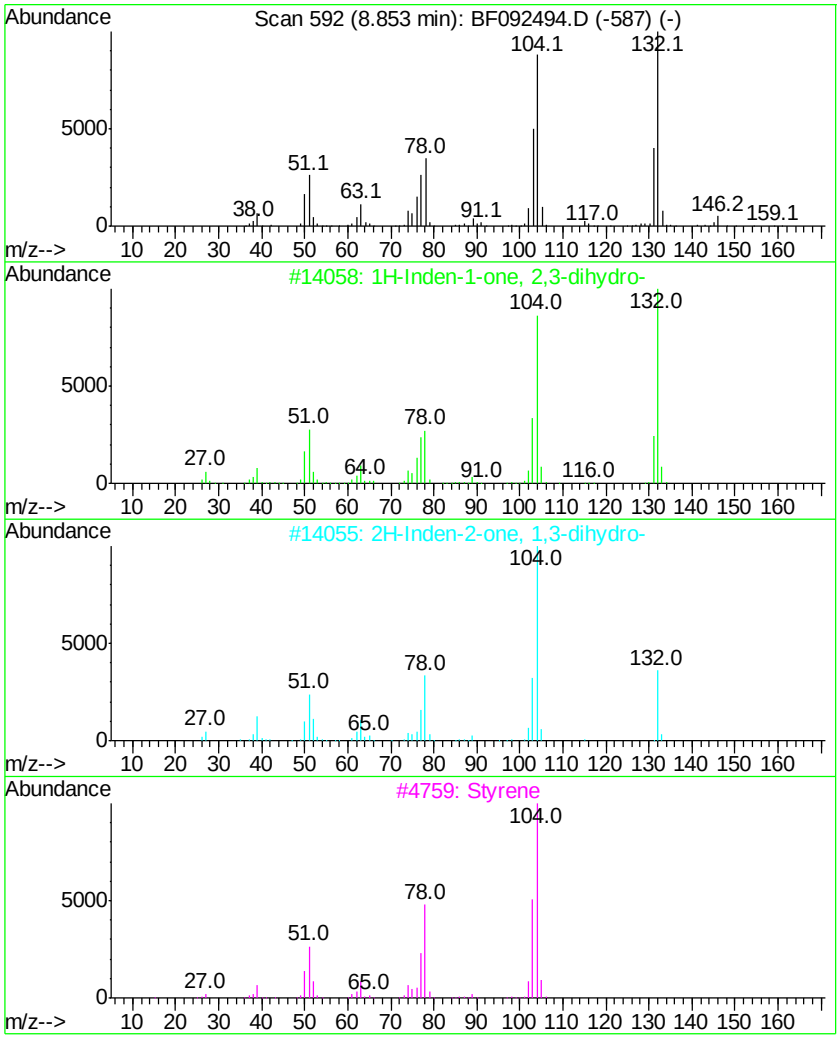
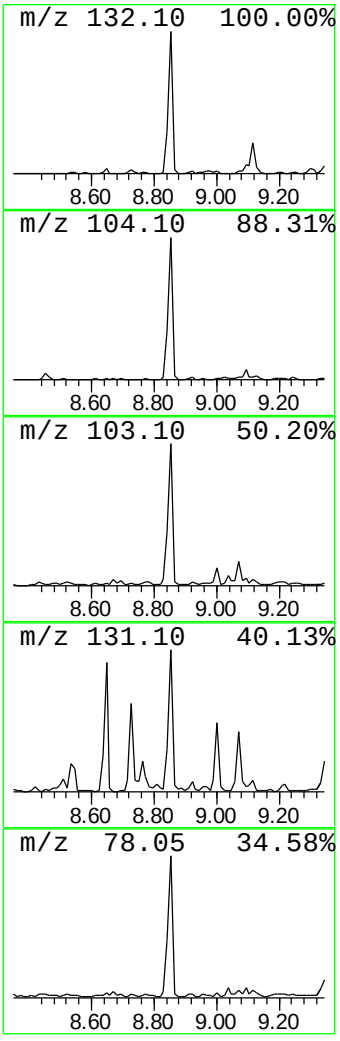
Peak Number 18 1H-Inden-1-one, 2,3-dihydro- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.85	5.99 ng	820286	Naphthalene-d8	8.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	94
2	2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	70
3	Styrene	104	C8H8	000100-42-5	64
4	5-Aminoindole	132	C8H8N2	005192-03-0	64
5	Isoquinoline, 1,2,3,4-tetrahydro-	133	C9H11N	000091-21-4	59





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Instrument : BNA_F
ClientSampleId : MW-3A-012017

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

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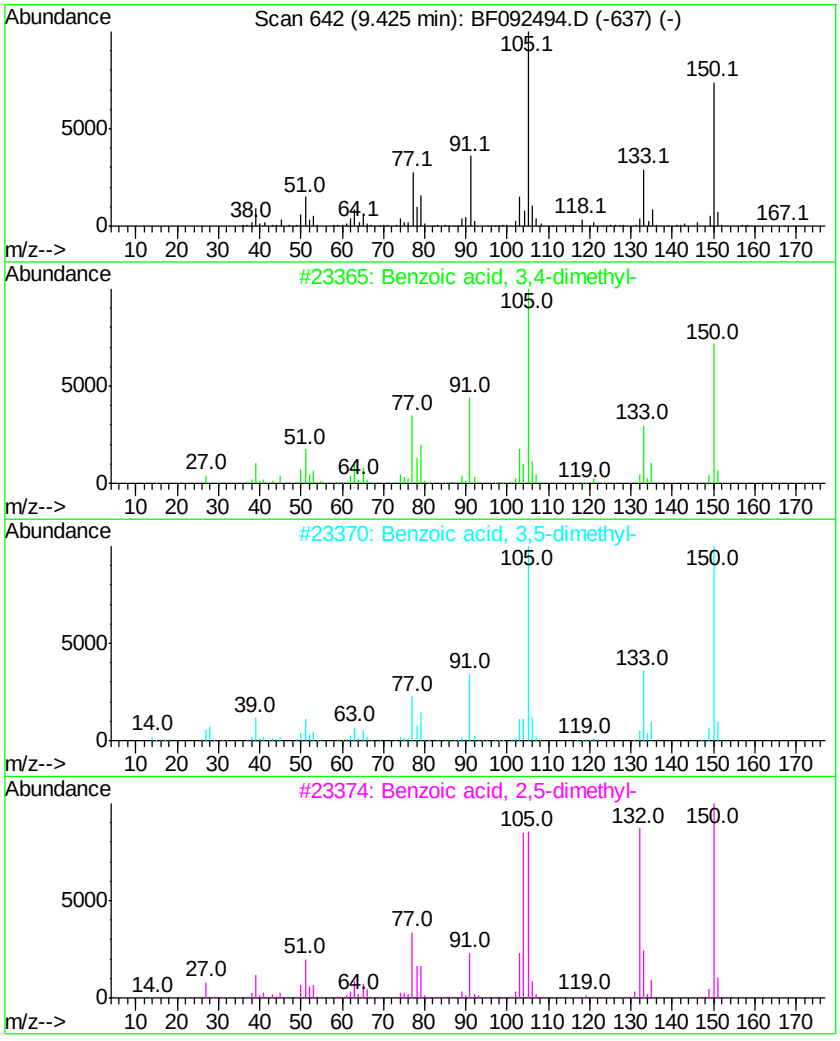
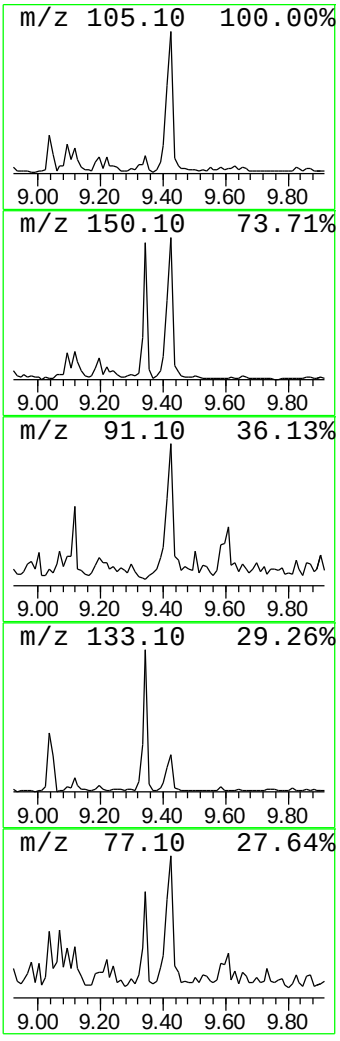
Peak Number 19 Benzoic acid, 3,4-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.42	6.42 ng	499125	Acenaphthene-d10	10.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 3,4-dimethyl-	150	C9H10O2	000619-04-5	97
2	Benzoic acid, 3,5-dimethyl-	150	C9H10O2	000499-06-9	97
3	Benzoic acid, 2,5-dimethyl-	150	C9H10O2	000610-72-0	87
4	m-Tolylacetic acid	150	C9H10O2	000621-36-3	81
5	Benzeneacetic acid, .alpha.-methyl-	150	C9H10O2	000492-37-5	81





Library Search Compound Report

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Misc :
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TIC Library : C:\DATABASE\NIST02.L
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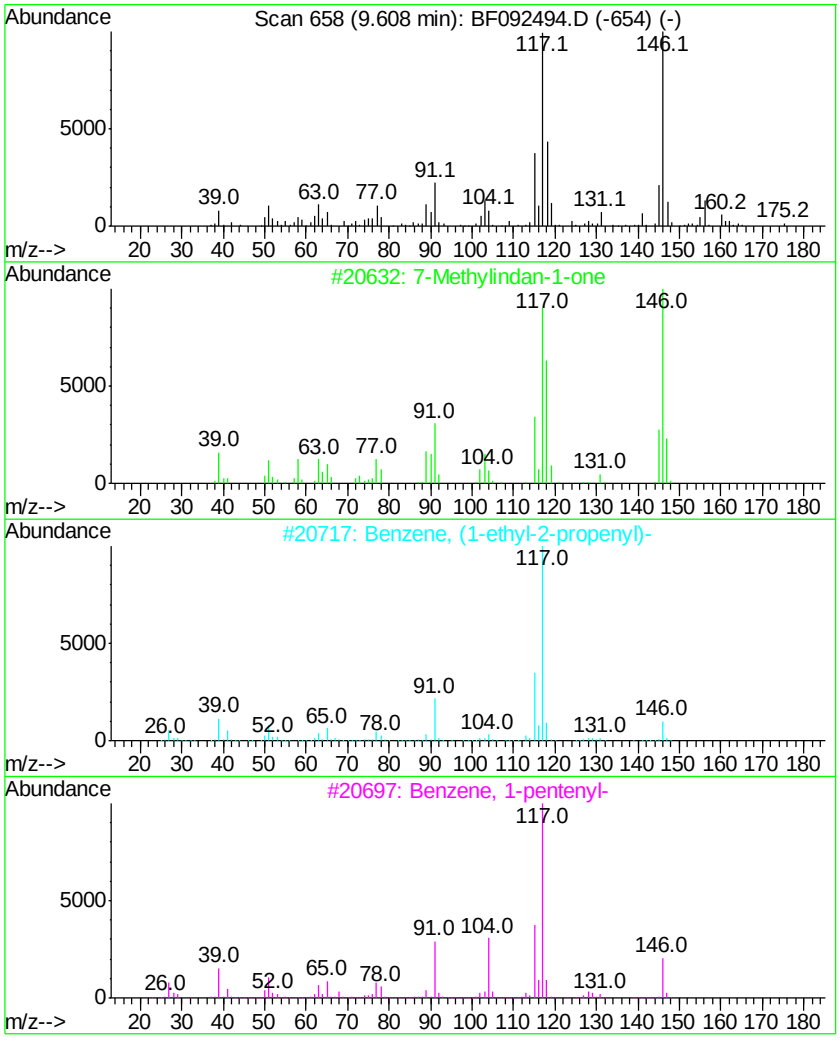
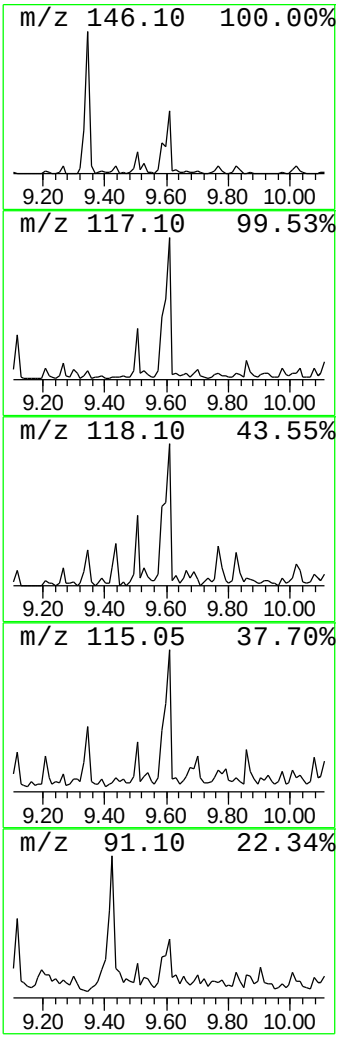
Peak Number 20 7-Methylindan-1-one Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.61	5.33 ng	414180	Acenaphthene-d10	10.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Methylindan-1-one	146	C10H10O	039627-61-7	72
2	Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	70
3	Benzene, 1-pentenyl-	146	C11H14	000826-18-6	62
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	50
5	Benzeneethanol, .beta.-ethenyl-	148	C10H12O	006052-63-7	49





Tentatively Identified Compound (LSC) summary

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Data File : BF092494.D
Acq On : 25 Jan 2017 23:19
Operator : SJ/MA
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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-Pentanol, 2-met...	3.23	5.8	ng	292695	1	6.97	1006570	20.0
2-Pentanone, 4-hy...	5.14	14.2	ng	714444	1	6.97	1006570	20.0
1,3-Dimethylcyclo...	5.22	9.1	ng	459744	1	6.97	1006570	20.0
Benzene, 1-ethyl-...	6.65	22.8	ng	1145030	1	6.97	1006570	20.0
unknown6.73	6.73	72.0	ng	3623250	1	6.97	1006570	20.0
Benzene, 1,2,4-tr...	6.80	38.2	ng	1921660	1	6.97	1006570	20.0
Benzene, 1,2,3-tr...	7.02	22.9	ng	1155030	1	6.97	1006570	20.0
Indane	7.15	9.2	ng	464453	1	6.97	1006570	20.0
Benzene, 1-methyl...	7.24	20.8	ng	1045080	1	6.97	1006570	20.0
Benzene, 1-methyl...	7.29	25.0	ng	1259350	1	6.97	1006570	20.0
Benzene, 2-ethyl-...	7.44	10.6	ng	533983	1	6.97	1006570	20.0
Benzene, 1,2,4,5-...	7.77	6.3	ng	867926	2	8.26	2739300	20.0
1H-Indene, 2,3-di...	7.93	4.9	ng	671642	2	8.26	2739300	20.0
1H-Inden-1-one, 2...	8.85	6.0	ng	820286	2	8.26	2739300	20.0
Benzoic acid, 3,4...	9.42	6.4	ng	499125	3	10.02	1554690	20.0
7-Methylindan-1-one	9.61	5.3	ng	414180	3	10.02	1554690	20.0