LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121815\
Data File : BF083894.D
Acq On : 18 Dec 2015 3:52
Operator : UM/SJ
Sample : G4680-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K200-(0-2)

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-BF121815.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	3.241	97	101	105	rBV3	24275	72995	4.89%	0.269%
2	3.424	115	117	122	rVB	28606	52267	3.50%	0.193%
3	3.619	131	134	138	rBV	18794	34313	2.30%	0.127%
4	3.836	150	153	156	rVB	43237	61682	4.13%	0.227%
5	4.510	210	212	215	rVB2	35422	47946	3.21%	0.177%
6	5.059	258	260	265	rBV	171599	213147	14.28%	0.786%
7	5.447	292	294	295	rBV	31934	44320	2.97%	0.163%
8	5.482	295	297	300	rVB	933327	1057318	70.83%	3.899%
9	5.699	314	316	324	rBV	563929	722379	48.39%	2.664%
10	5.813	324	326	330	rVB3	21114	44522	2.98%	0.164%
11	6.510	385	387	390	rVV	905424	1092809	73.21%	4.030%
12	6.590	390	394	396	rVB2	64571	67609	4.53%	0.249%
13	6.647	396	399	401	rVB	1307941	1319091	88.36%	4.865%
14	6.716	402	405	407	rBV	764048	993802	66.57%	3.665%
15	6.750	407	408	416	rVB	443895	467596	31.32%	1.725%
16	6.876	416	419	421	rBV	375437	331361	22.20%	1.222%
17	7.036	430	433	435	rBV	944619	1039043	69.60%	3.832%
18	7.139	440	442	446	rBV	304988	340550	22.81%	1.256%
19	7.276	452	454	456	rBV3	21734	36648	2.46%	0.135%
20	7.390	461	464	465	rVB2	52681	57777	3.87%	0.213%
21	7.436	465	468	471	rBV	775937	861943	57.74%	3.179%
22	7.493	471	473	476	rBV	281743	378649	25.37%	1.396%
23	7.539	476	477	480	rVB	234039	204907	13.73%	0.756%
24	7.642	484	486	488	rBV2	46673	57447	3.85%	0.212%
25	7.676	488	489	491	rBV	41590	52707	3.53%	0.194%
26	7.733	491	494	497	rBV	781398	973402	65.21%	3.590%
27	7.916	506	510	511	rBV	207414	280089	18.76%	1.033%
28	7.962	511	514	516	rBV	295004	316746	21.22%	1.168%
29	8.030	518	520	522	rVB3	60123	70149	4.70%	0.259%
30	8.076	522	524	526	rBV	34688	52043	3.49%	0.192%
31	8.156	529	531	535	rBV2	488676	548292	36.73%	2.022%
32	8.236	535	538	540	rVB3	20027	37724	2.53%	0.139%
33	8.282	540	542	544	rBV2	30296	51824	3.47%	0.191%
34	8.316	544	545	548	rVB2	20188	33081	2.22%	0.122%

LSC Area Percent Report

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Data File : BF083894.D
Acq On : 18 Dec 2015 3:52
Operator : UM/SJ
Sample : G4680-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K200-(0-2)

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-BF121815.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.373	548	550	554	rBV	612511	672648	45.06%	2.481%
36	8.430	554	555	558	rBV	636891	749608	50.22%	2.765%
37	8.533	561	564	565	rBV2	25112	41386	2.77%	0.153%
38	8.613	567	571	574	rBV2	72407	139985	9.38%	0.516%
39	8.670	574	576	578	rBV2	63850	100538	6.73%	0.371%
40	8.728	578	581	582	rBV2	34664	67102	4.50%	0.247%
41	8.750	582	583	585	rVB2	32194	38232	2.56%	0.141%
42	8.808	586	588	591	rVB3	26189	51161	3.43%	0.189%
43	8.865	591	593	596	rBV2	190869	257999	17.28%	0.952%
44	8.933	596	599	601	rBV	275877	233181	15.62%	0.860%
45	8.979	601	603	604	rBV2	121299	163601	10.96%	0.603%
46	9.048	606	609	613	rBV2	182012	248475	16.65%	0.916%
47	9.116	613	615	616	rBV	49930	51329	3.44%	0.189%
48	9.150	616	618	621	rBV	224284	241127	16.15%	0.889%
49	9.208	621	623	624	rBV	153505	190740	12.78%	0.703%
50	9.230	624	625	628	rVB	1158883	1492788	100.00%	5.505%
51	9.299	628	631	635	rVB4	49695	109746	7.35%	0.405%
52	9.368	635	637	638	rBV	82176	127451	8.54%	0.470%
53	9.436	641	643	645	rVB3	32077	51390	3.44%	0.190%
54	9.471	645	646	647	rBV	30763	34432	2.31%	0.127%
55	9.528	650	651	653	rVB2	54279	52269	3.50%	0.193%
56	9.573	653	655	656	rBV	99114	82441	5.52%	0.304%
57	9.631	658	660	662	rVB	379086	378427	25.35%	1.396%
58	9.733	667	669	670	rVB	71471	63092	4.23%	0.233%
59	9.768	670	672	676	rBV2	167878	261494	17.52%	0.964%
60	9.848	678	679	681	rBV2	53979	103641	6.94%	0.382%
61	9.916	682	685	687	rVB	345966	494874	33.15%	1.825%
62	10.076	697	699	701	rVV3	42735	54714	3.67%	0.202%
63	10.111	701	702	705	rVB3	34770	45220	3.03%	0.167%
64	10.248	712	714	716	rVB2	98633	86940	5.82%	0.321%
65	10.305	718	719	720	rBV	41901	48966	3.28%	0.181%
66	10.522	736	738	740	rBV3	18740	38993	2.61%	0.144%
67	10.568	740	742	744	rVV2	79362	92541	6.20%	0.341%
68	10.636	744	748	751	rVV4	40088	106745	7.15%	0.394%
69	10.694	751	753	755	rVV2	608060	761674	51.02%	2.809%
70	10.774	758	760	763	rVB3	56907	64118	4.30%	0.236%
71	10.819	763	764	767	rBV	127927	168537	11.29%	0.622%

LSC Area Percent Report

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Acq On : 18 Dec 2015 3:52
Operator : UM/SJ
Sample : G4680-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K200-(0-2)

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-BF121815.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	10.922	772	773	776	rVB	57781	58654	3.93%	0.216%
73	11.196	795	797	800	rVB3	39248	56751	3.80%	0.209%
74	11.391	812	814	819	rBV2	331770	570497	38.22%	2.104%
75	11.471	819	821	823	rVB	89150	76441	5.12%	0.282%
76	11.516	823	825	826	rBV2	28452	51830	3.47%	0.191%
77	11.894	856	858	860	rBV	79647	117096	7.84%	0.432%
78	11.928	860	861	863	rVV2	135656	144718	9.69%	0.534%
79	11.974	863	865	866	rVV2	53498	54250	3.63%	0.200%
80	12.008	866	868	872	rVV	123190	204095	13.67%	0.753%
81	12.454	904	907	908	rBV	118703	184002	12.33%	0.679%
82	12.488	908	910	913	rVV2	91264	158479	10.62%	0.584%
83	12.534	913	914	916	rVV2	82551	79362	5.32%	0.293%
84	12.614	918	921	922	rVB	280823	378206	25.34%	1.395%
85	12.705	927	929	931	rBV	77342	97554	6.54%	0.360%
86	12.842	939	941	944	rVB	351609	464889	31.14%	1.715%
87	12.979	951	953	957	rVB	1113956	1061994	71.14%	3.917%
88	13.059	958	960	963	rBV2	74687	139347	9.33%	0.514%
89	13.677	1012	1014	1016	rVB	101834	118024	7.91%	0.435%
90	13.780	1021	1023	1024	rBV2	71779	91383	6.12%	0.337%
91	13.882	1030	1032	1035	rVB	127686	161828	10.84%	0.597%
92	14.031	1042	1045	1047	rBV2	451787	734320	49.19%	2.708%
93	14.420	1077	1079	1081	rBV	88237	108581	7.27%	0.400%
94	15.071	1133	1136	1139	rBV	229315	468943	31.41%	1.729%
95	15.357	1159	1161	1164	rVV	196100	257340	17.24%	0.949%
96	15.425	1164	1167	1169	rVV	195651	289644	19.40%	1.068%
97	15.483	1169	1172	1179	rVB2	194657	396540	26.56%	1.462%
98	15.917	1208	1210	1212	rBV2	64973	114422	7.66%	0.422%
99	16.911	1294	1297	1301	rVB	117876	254698	17.06%	0.939%
100	17.346	1332	1335	1341	rVB	106530	237151	15.89%	0.875%

Sum of corrected areas: 27114822

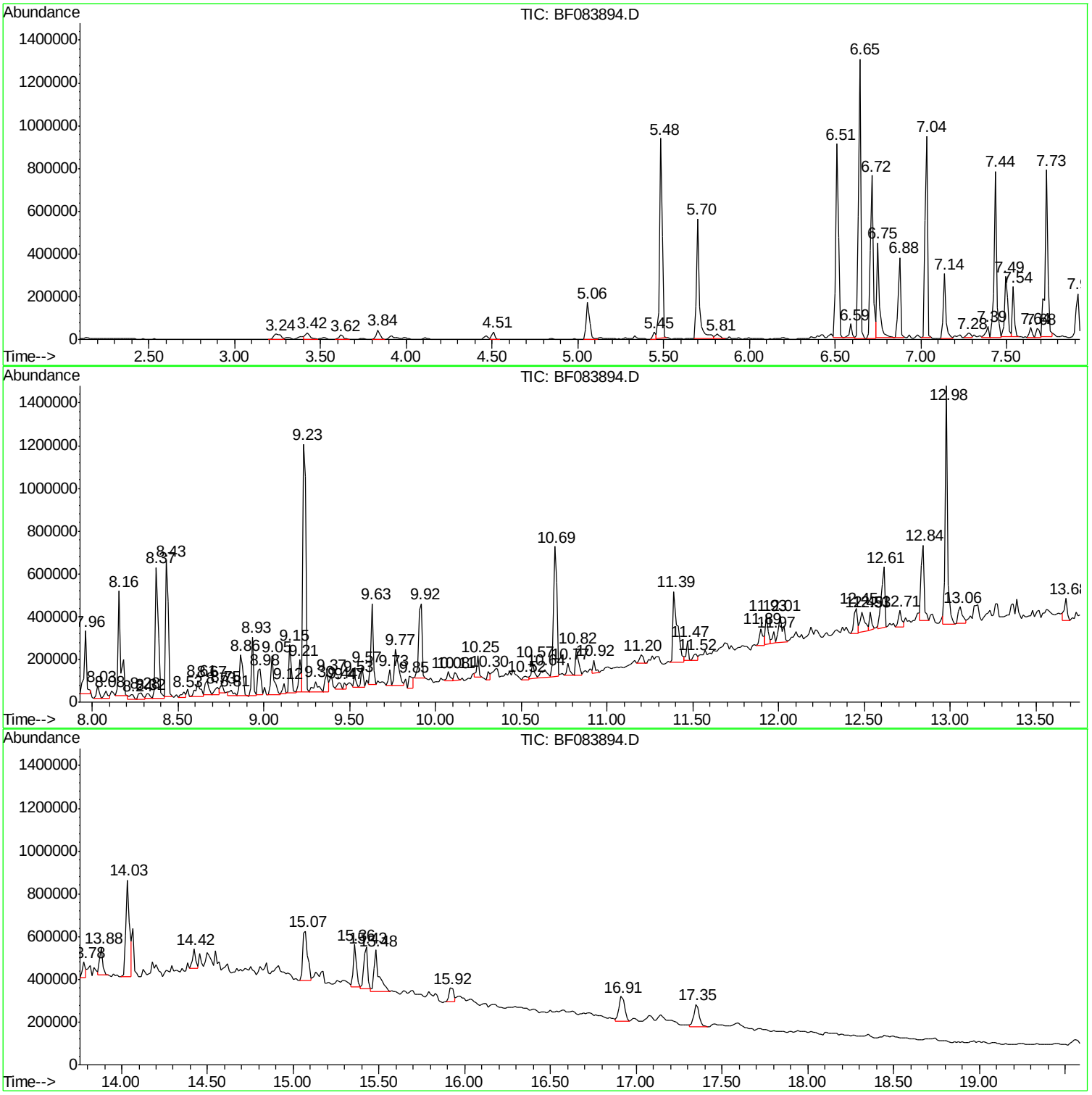
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121815\
Data File : BF083894.D
Acq On : 18 Dec 2015 3:52
Operator : UM/SJ
Sample : G4680-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
K200-(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.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\BF121815\
Data File : BF083894.D
Acq On : 18 Dec 2015 3:52
Operator : UM/SJ
Sample : G4680-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K200-(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

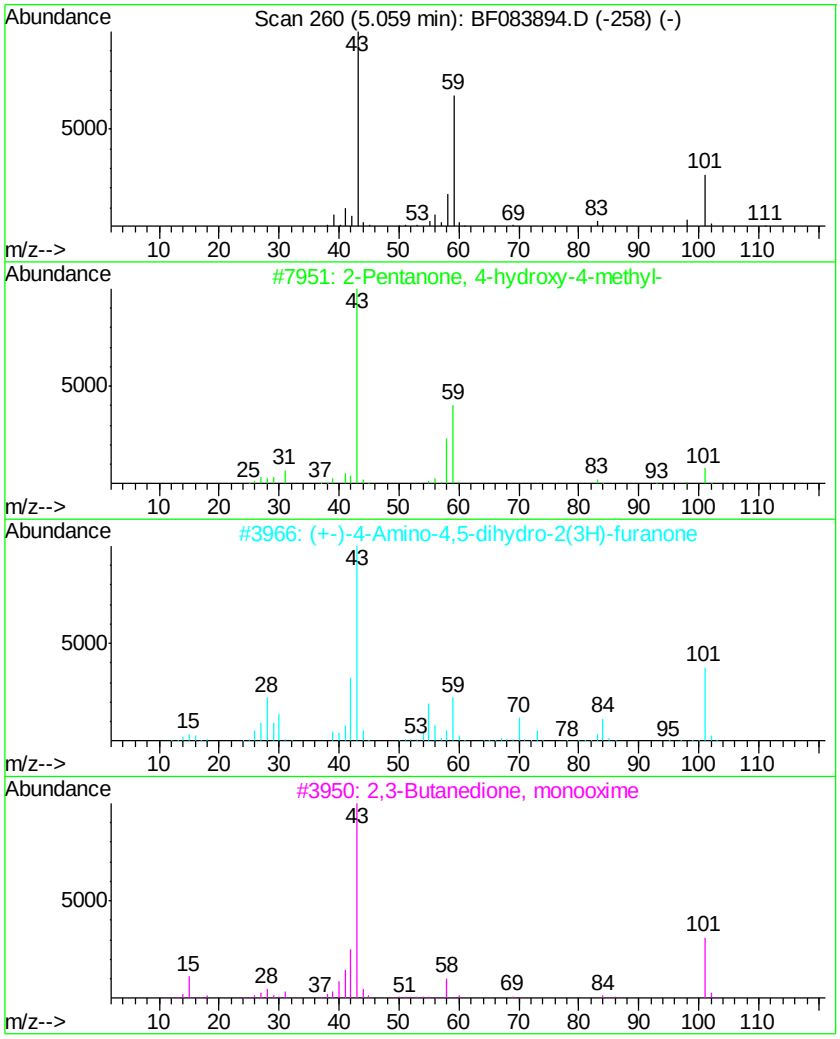
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

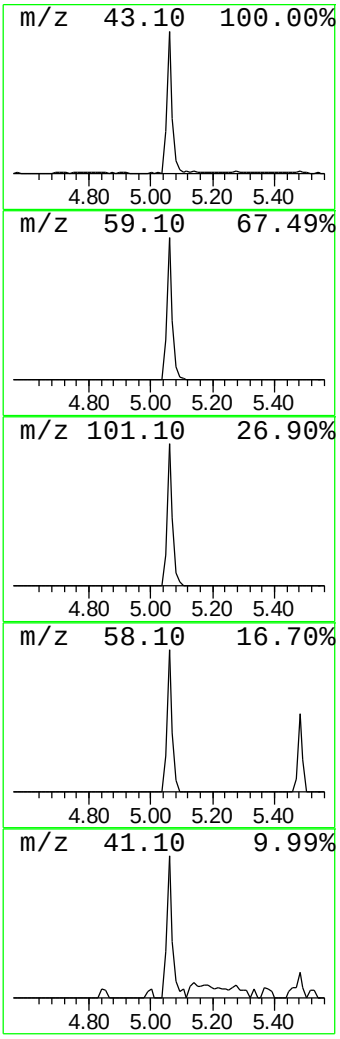
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.06	12.86 ng	213147	1,4-Dichlorobenzene-d4	6.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	43
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
4	4-Hydroxy-3-hexanone	116	C6H12O2	004984-85-4	23
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121815\
Data File : BF083894.D
Acq On : 18 Dec 2015 3:52
Operator : UM/SJ
Sample : G4680-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K200-(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

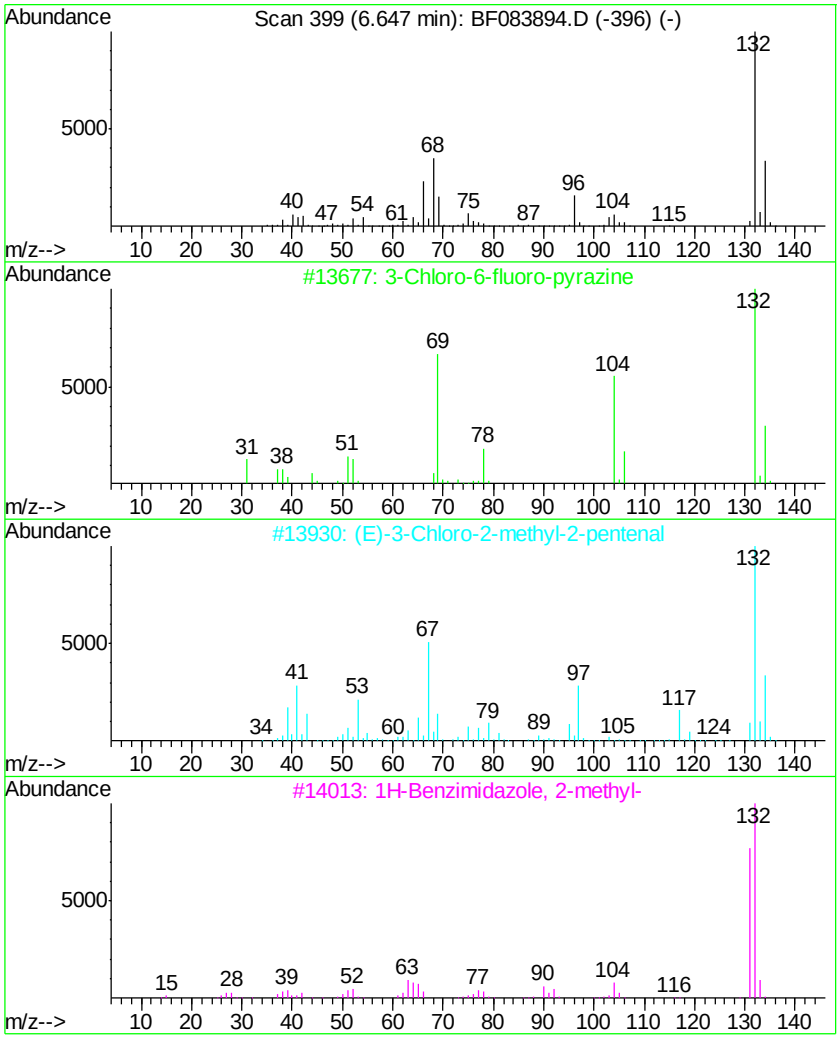
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

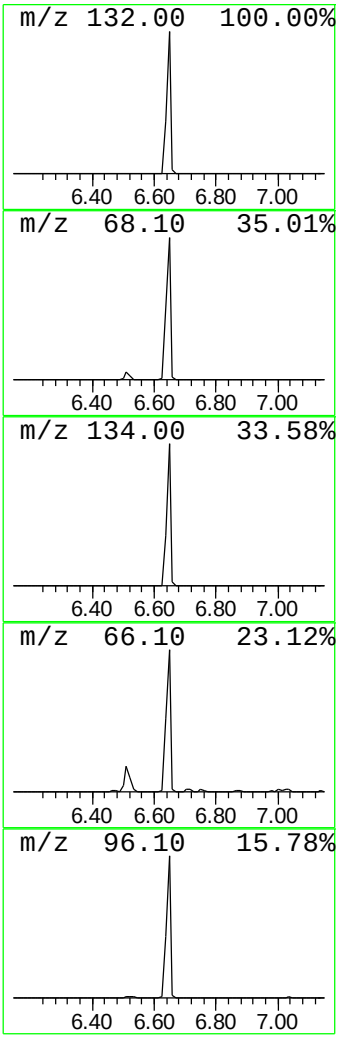
****

Peak Number 3 unknown6.65 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	79.62 ng	1319090	1,4-Dichlorobenzene-d4	6.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121815\
Data File : BF083894.D
Acq On : 18 Dec 2015 3:52
Operator : UM/SJ
Sample : G4680-04
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ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K200-(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

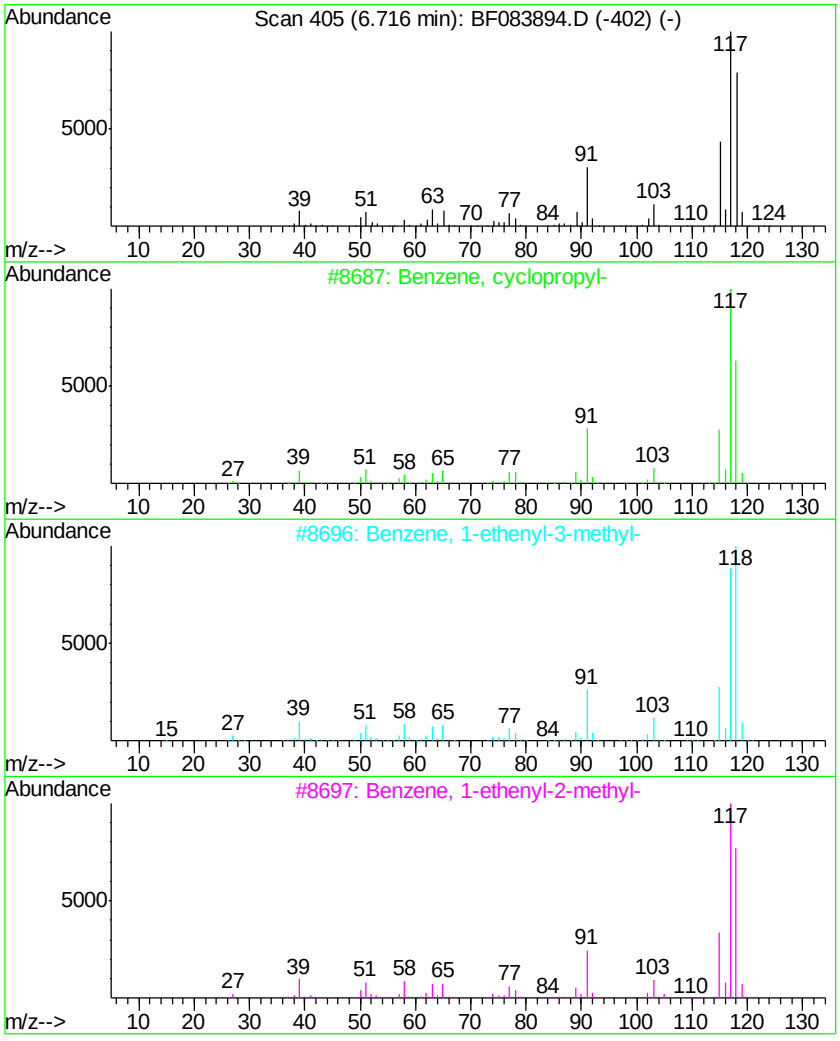
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

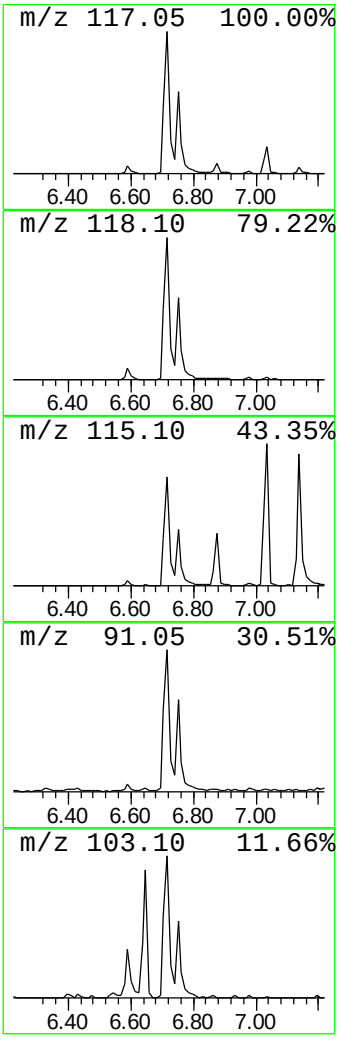
****

Peak Number 4 Benzene, cyclopropyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.72	59.98 ng	993802	1,4-Dichlorobenzene-d4	6.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, cyclopropyl-	118	C9H10	000873-49-4	94
2	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	94
3	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	94
4	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	94
5	Benzene, 1,1'-(1-ethenyl-1,3-pro...	222	C17H18	061141-97-7	90





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121815\
Data File : BF083894.D
Acq On : 18 Dec 2015 3:52
Operator : UM/SJ
Sample : G4680-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K200-(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

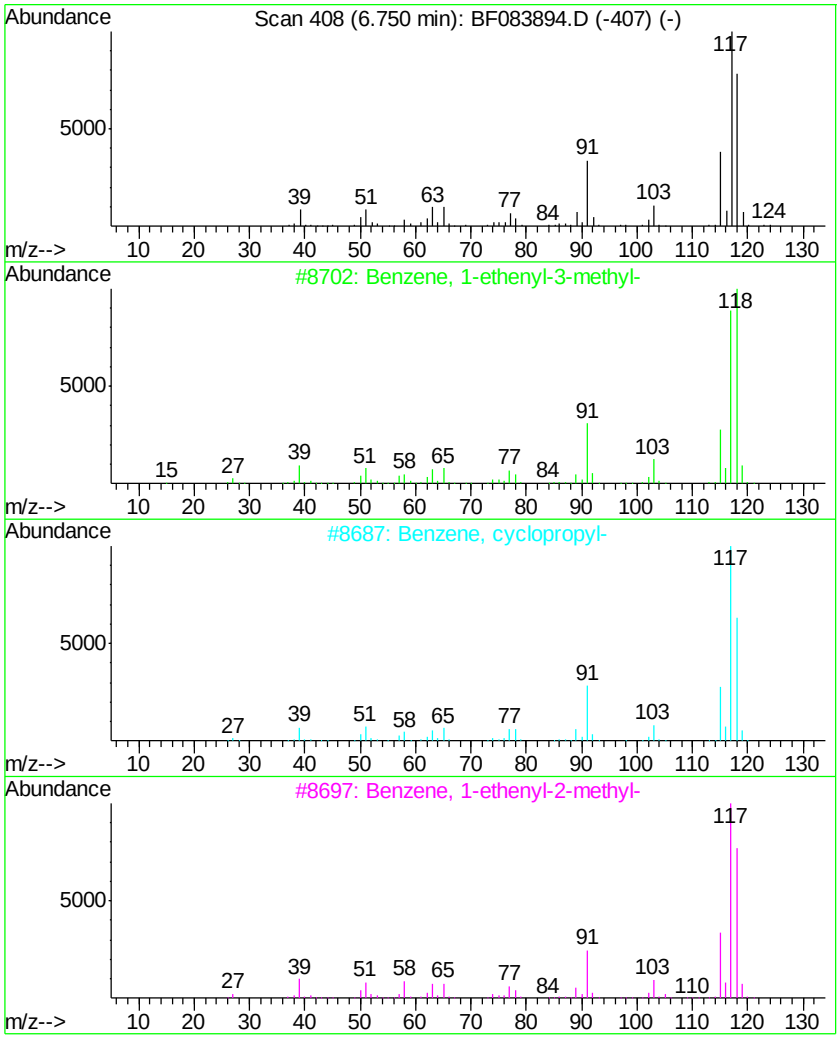
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

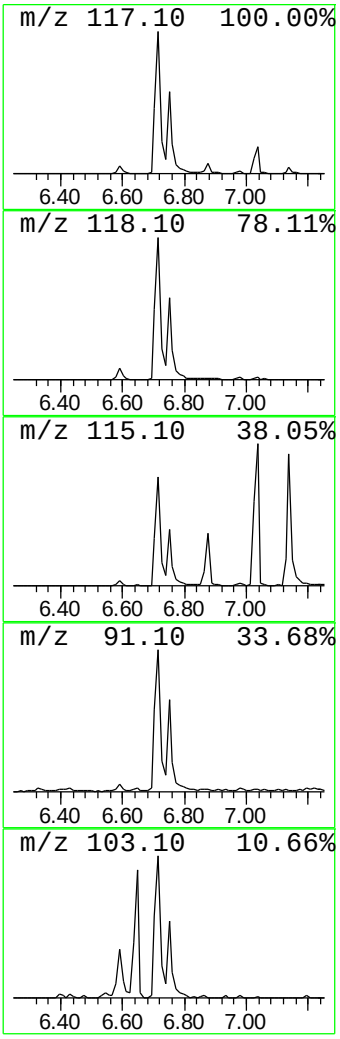
****

Peak Number 5 Benzene, 1-ethenyl-3-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.75	28.22 ng	467596	1,4-Dichlorobenzene-d4	6.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	96
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	94
3	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	94
4	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	93
5	Benzene, 1,1'-(1-ethenyl-1,3-pro...	222	C17H18	061141-97-7	90





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121815\
Data File : BF083894.D
Acq On : 18 Dec 2015 3:52
Operator : UM/SJ
Sample : G4680-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K200-(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

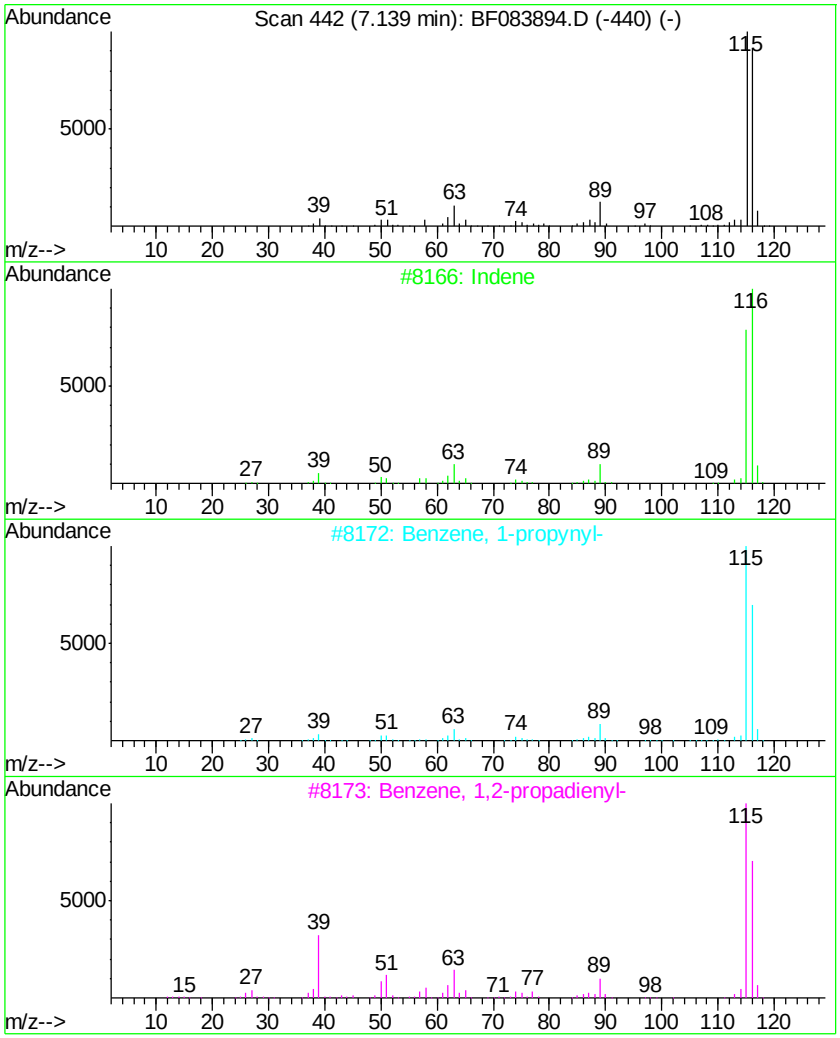
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

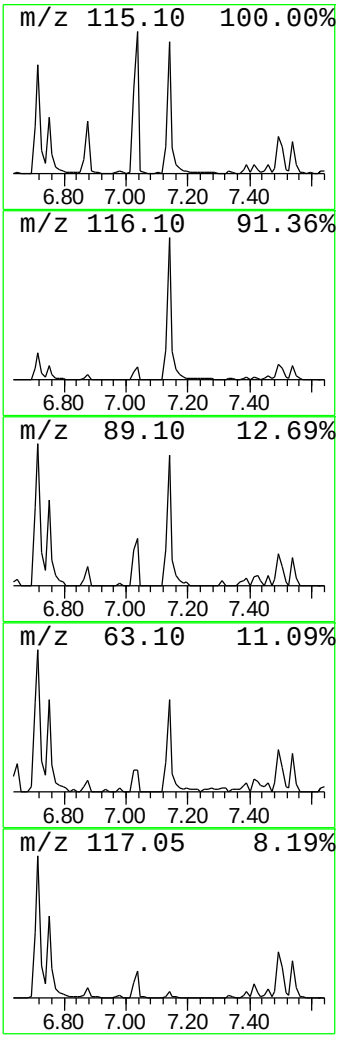
****

Peak Number 7 Indene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.14	20.55 ng	340550	1,4-Dichlorobenzene-d4	6.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	97
2	Benzene, 1-propynyl-	116	C9H8	000673-32-5	95
3	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	91
4	Benzene,1-ethynyl-2-methyl-	116	C9H8	000766-47-2	91
5	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	90





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121815\
Data File : BF083894.D
Acq On : 18 Dec 2015 3:52
Operator : UM/SJ
Sample : G4680-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K200-(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.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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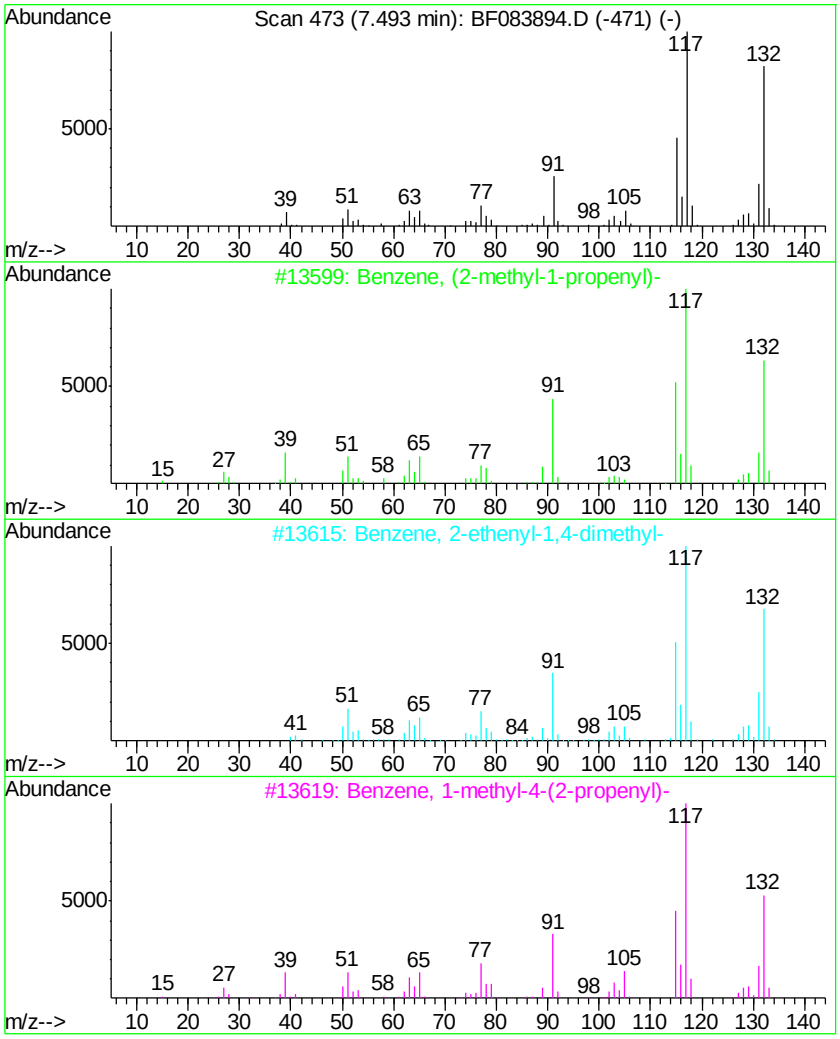
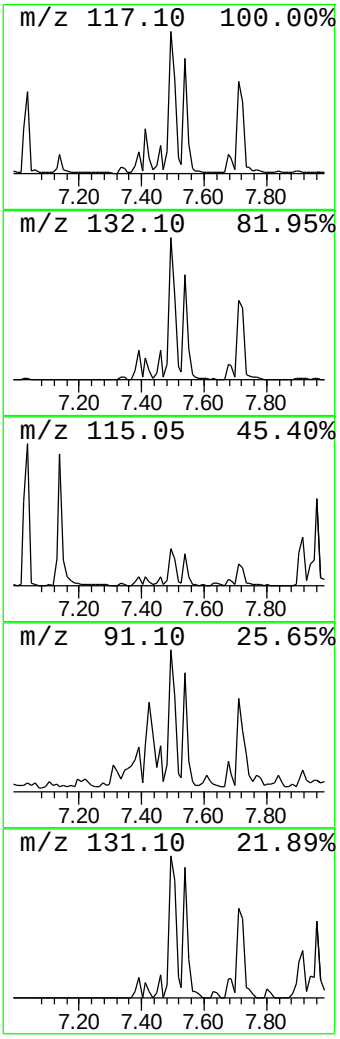
Peak Number 8 Benzene, (2-methyl-1-propen... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.49	22.85 ng	378649	1,4-Dichlorobenzene-d4	6.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	97
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	97
3	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	96
4	2,4-Dimethylstyrene	132	C10H12	002234-20-0	96
5	Benzene, 1-butenyl-, (E)-	132	C10H12	001005-64-7	95





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Acq On : 18 Dec 2015 3:52
Operator : UM/SJ
Sample : G4680-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K200-(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.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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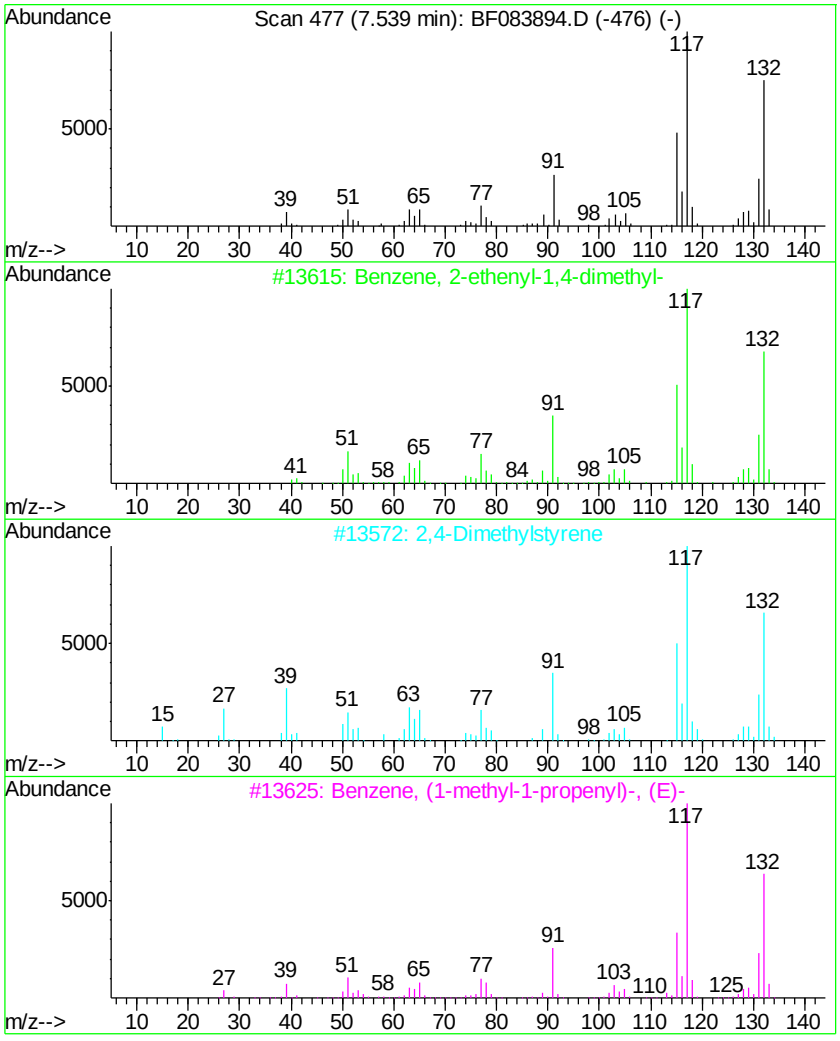
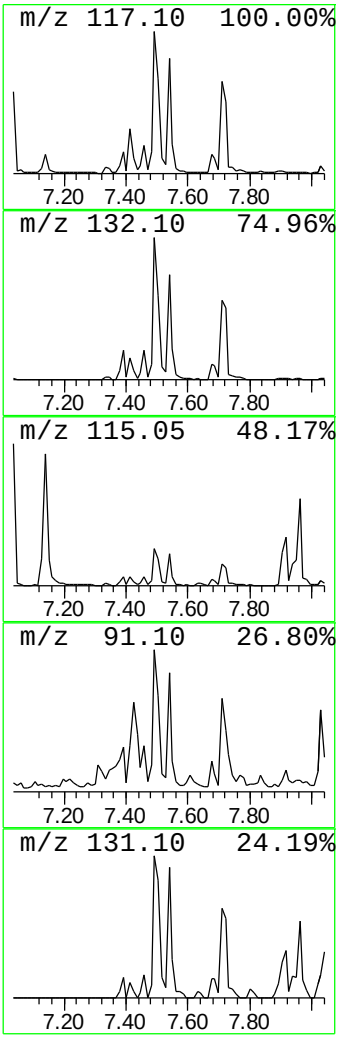
Peak Number 9 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.54	7.47 ng	204907	Naphthalene-d8	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	96
2	2,4-Dimethylstyrene	132	C10H12	002234-20-0	96
3	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	95
4	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	95
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	94





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Acq On : 18 Dec 2015 3:52
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Sample : G4680-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K200-(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.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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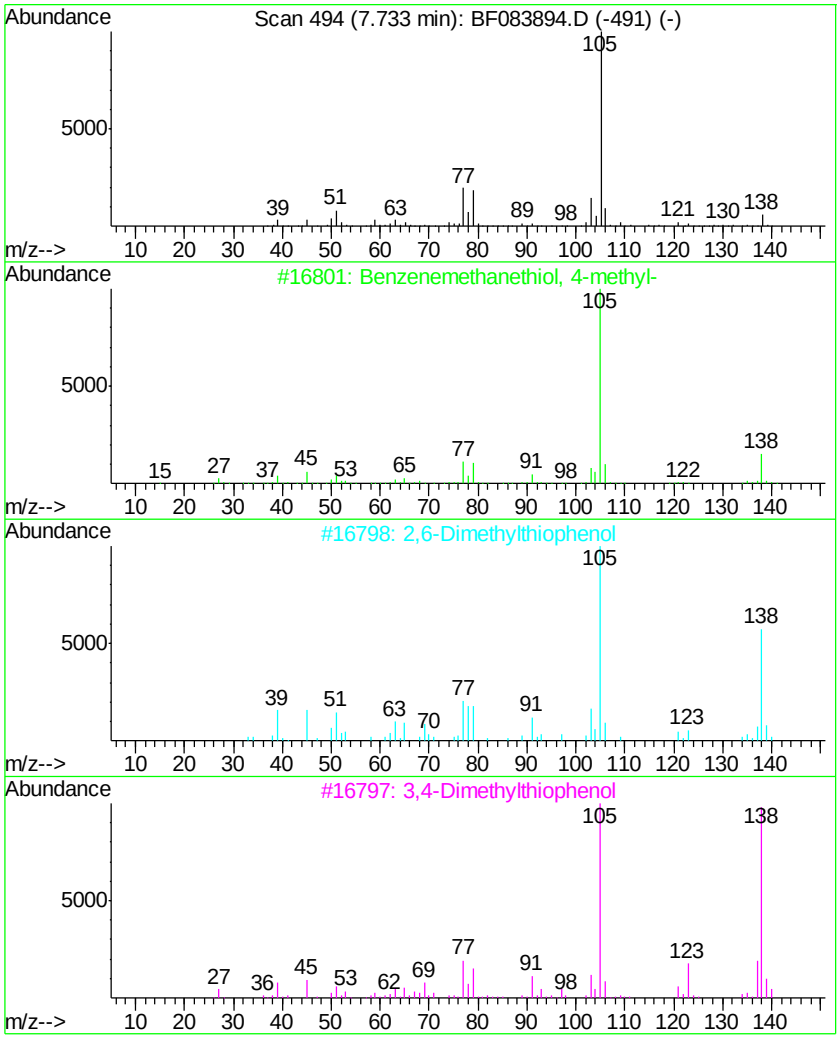
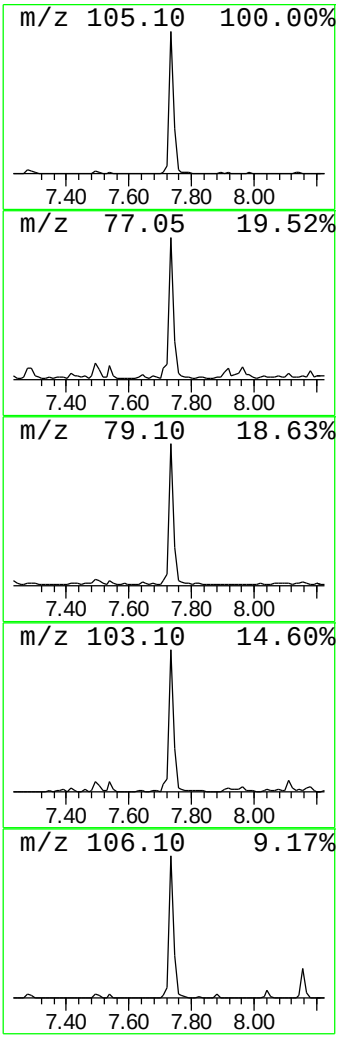
Peak Number 10 Benzenemethanethiol, 4-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.73	35.51 ng	973402	Naphthalene-d8	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenemethanethiol, 4-methyl-	138	C8H10S	004498-99-1	86
2	2,6-Dimethylthiophenol	138	C8H10S	000118-72-9	83
3	3,4-Dimethylthiophenol	138	C8H10S	018800-53-8	78
4	Ether, p-methylbenzyl vinyl	148	C10H12O	026437-10-5	72
5	3,5-Dimethylthiophenol	138	C8H10S	038360-81-5	72





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Acq On : 18 Dec 2015 3:52
Operator : UM/SJ
Sample : G4680-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K200-(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.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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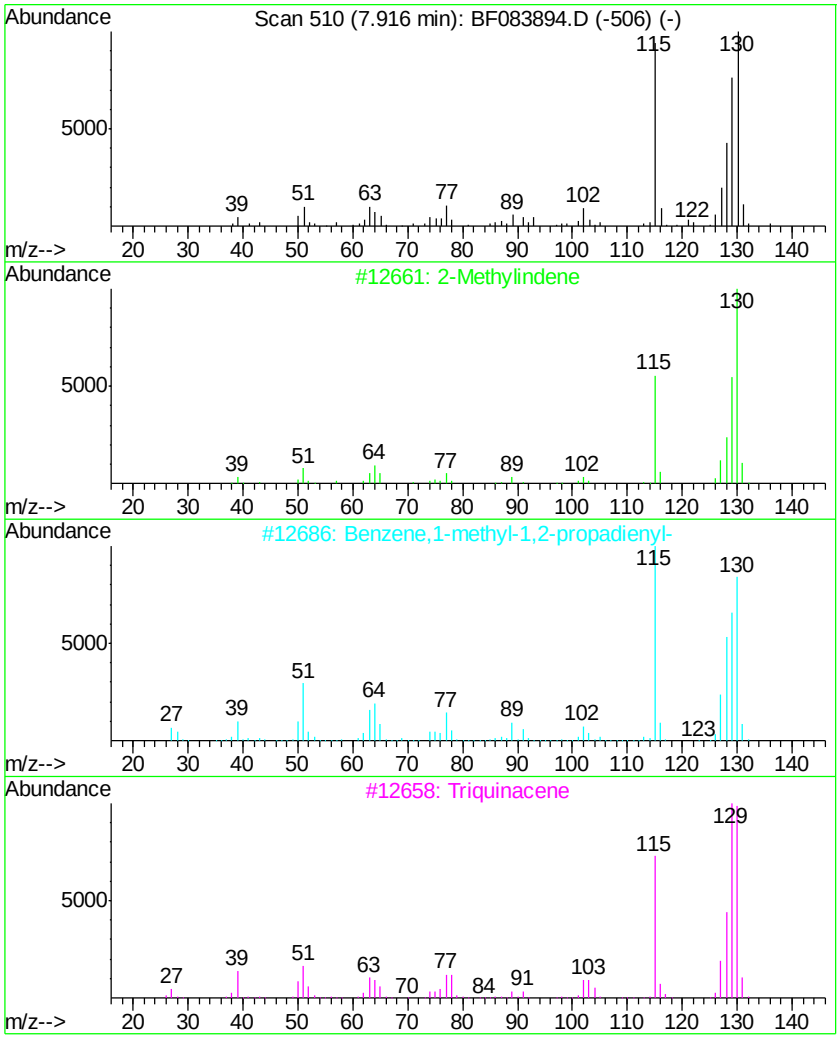
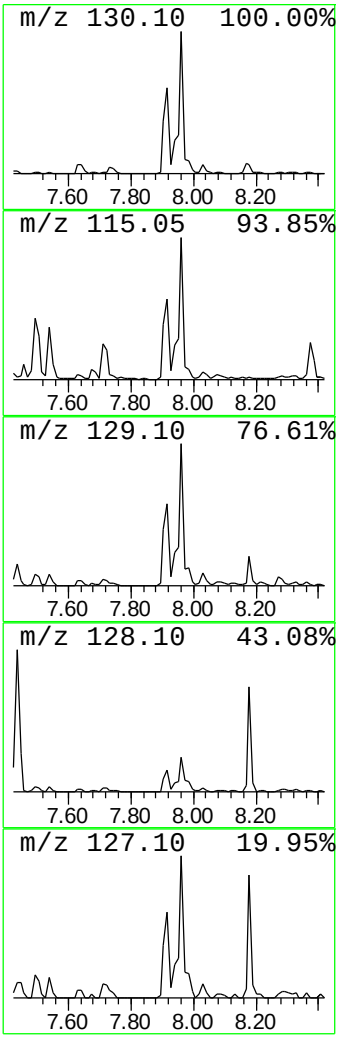
Peak Number 11 2-Methylindene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.92	10.22 ng	280089	Naphthalene-d8	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylindene	130	C10H10	002177-47-1	93
2	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	93
3	Triquinacene	130	C10H10	006053-74-3	91
4	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	91
5	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	90





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Acq On : 18 Dec 2015 3:52
Operator : UM/SJ
Sample : G4680-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K200-(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.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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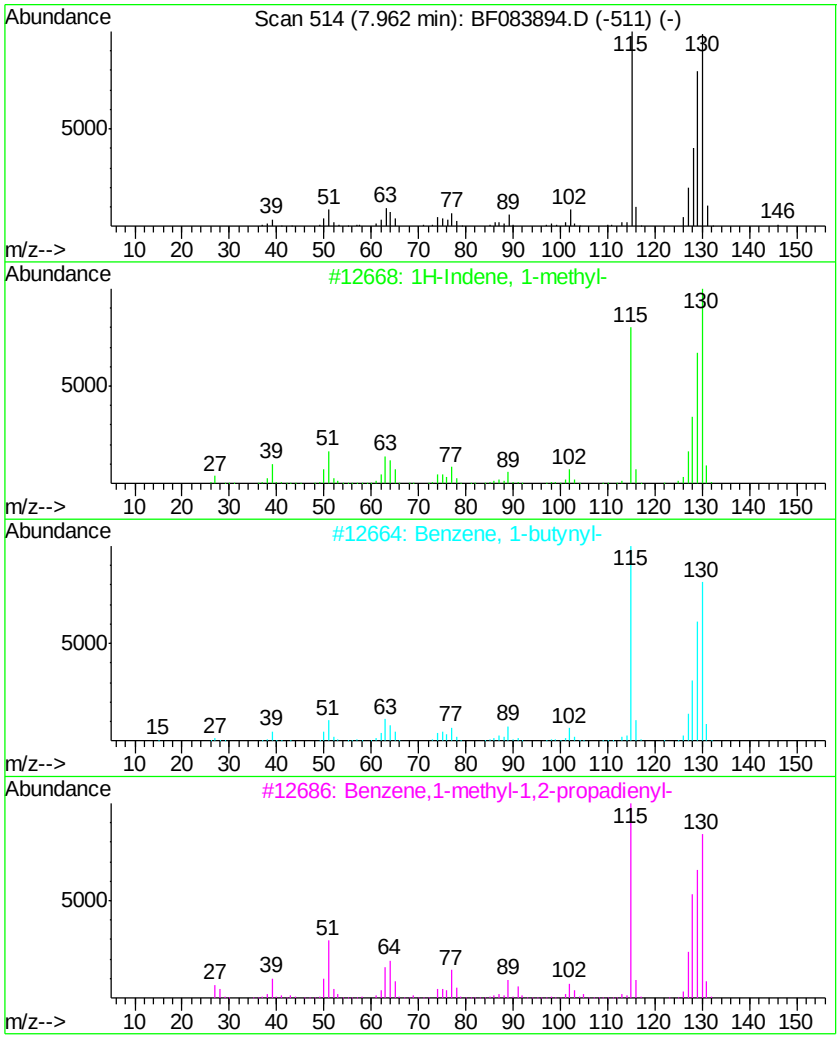
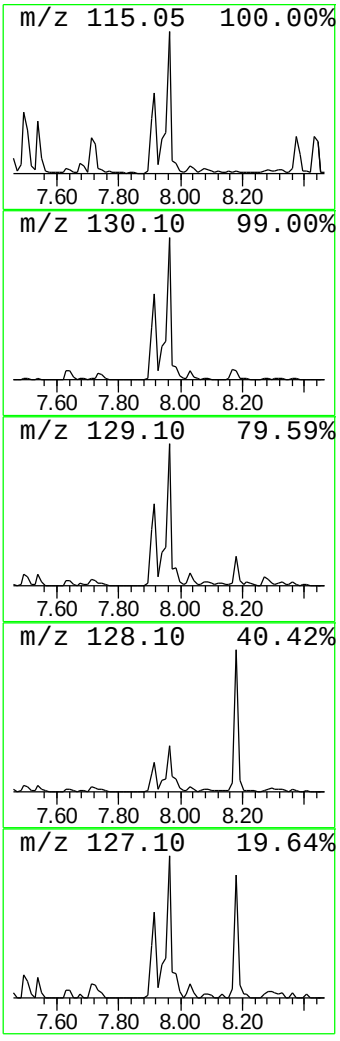
Peak Number 12 1H-Indene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.96	11.55 ng	316746	Naphthalene-d8	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	95
2	Benzene, 1-butynyl-	130	C10H10	000622-76-4	93
3	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	93
4	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	91
5	2-Methylindene	130	C10H10	002177-47-1	91





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Sample : G4680-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K200-(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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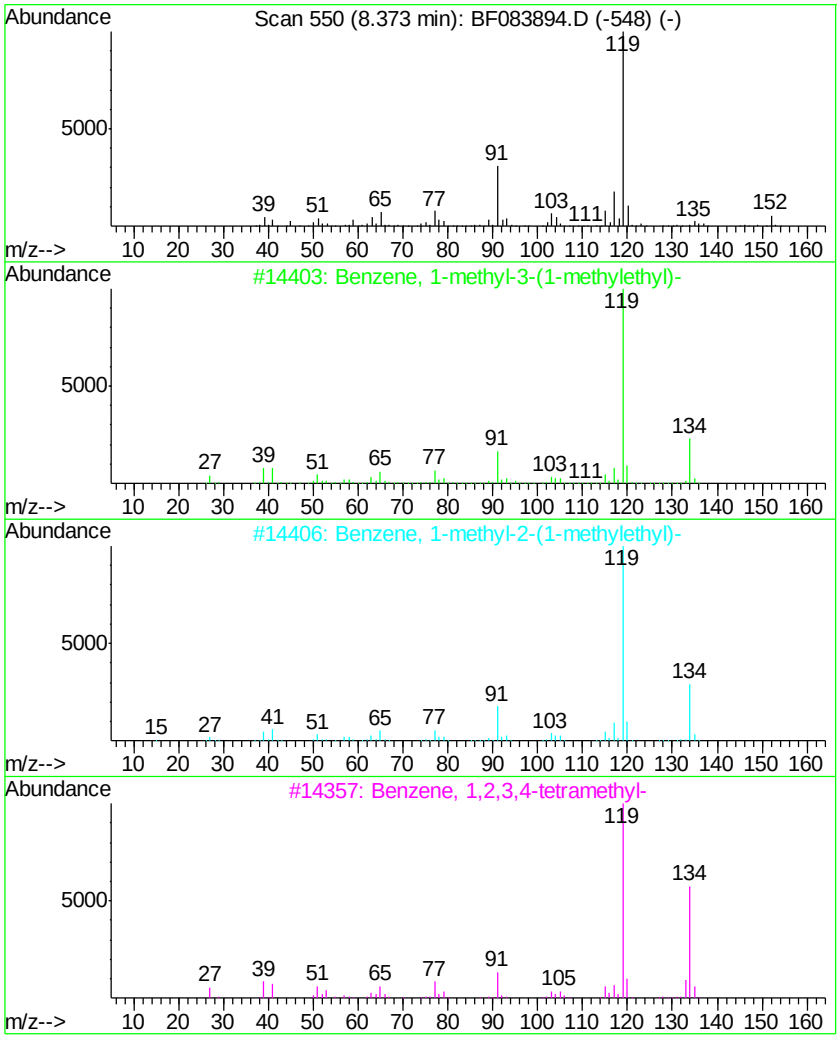
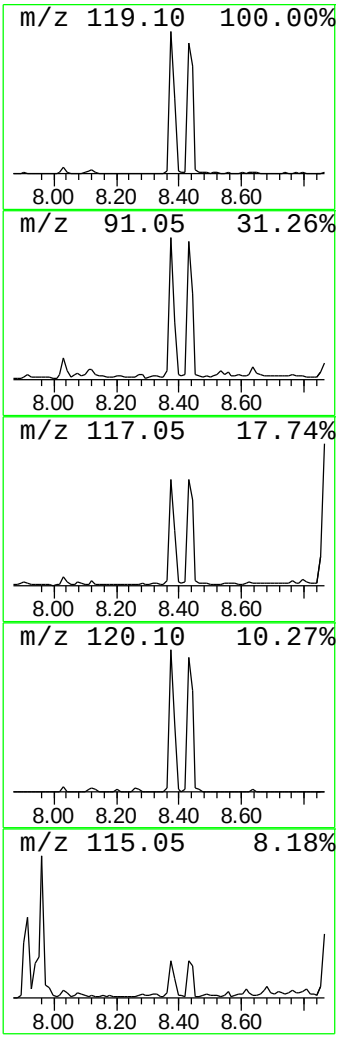
Peak Number 13 Benzene, 1-methyl-3-(1-meth... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.37	24.54 ng	672648	Naphthalene-d8	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	90
2	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	87
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	80
4	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	80
5	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	80





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Operator : UM/SJ
Sample : G4680-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K200-(0-2)

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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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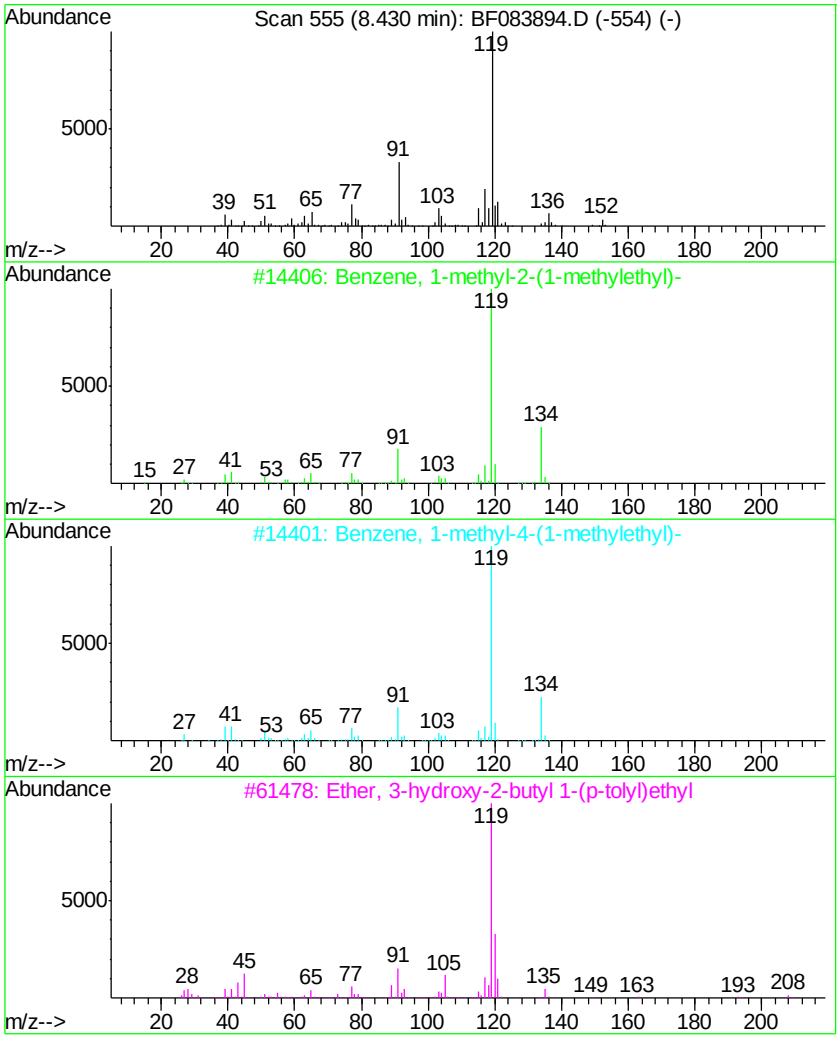
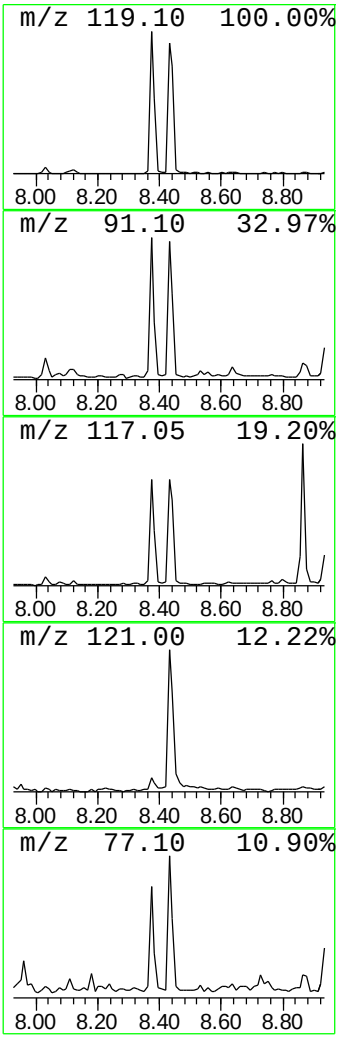
Peak Number 14 Benzene, 1-methyl-2-(1-meth... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.43	27.34 ng	749608	Naphthalene-d8	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	76
2	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	70
3	Ether, 3-hydroxy-2-butyl 1-(p-to...	208	C13H20O2	1000149-41-9	64
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	58
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	58





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Operator : UM/SJ
Sample : G4680-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K200-(0-2)

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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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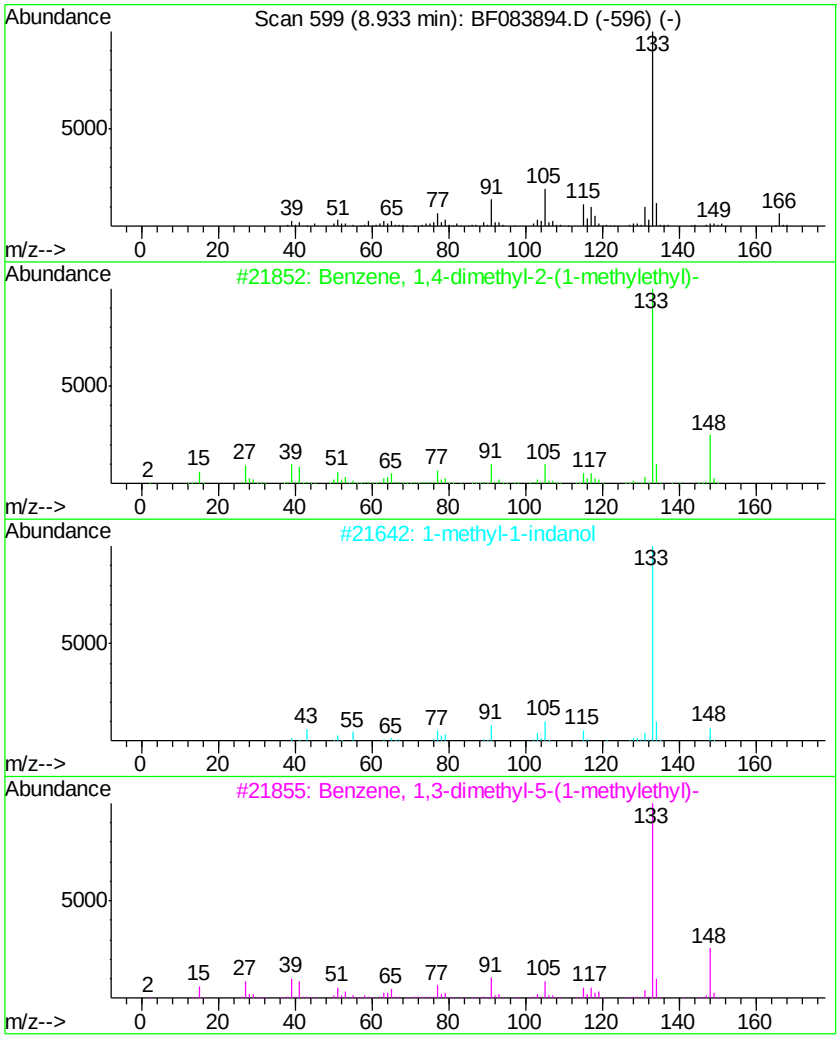
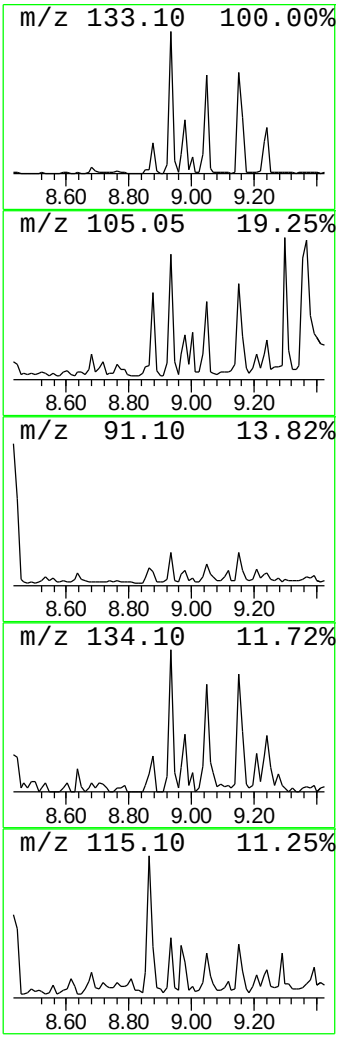
Peak Number 15 Benzene, 1,4-dimethyl-2-(1-... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.93	8.51 ng	233181	Naphthalene-d8	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-dimethyl-2-(1-methy...	148	C11H16	004132-72-3	78
2	1-methyl-1-indanol	148	C10H12O	064666-42-8	64
3	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	64
4	Benzene, 2,4-dimethyl-1-(1-methy...	148	C11H16	004706-89-2	64
5	3-Chloro-N-isochroman-1-ylmethyl...	253	C13H16ClNO2	1000297-29-7	53





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Sample : G4680-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K200-(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.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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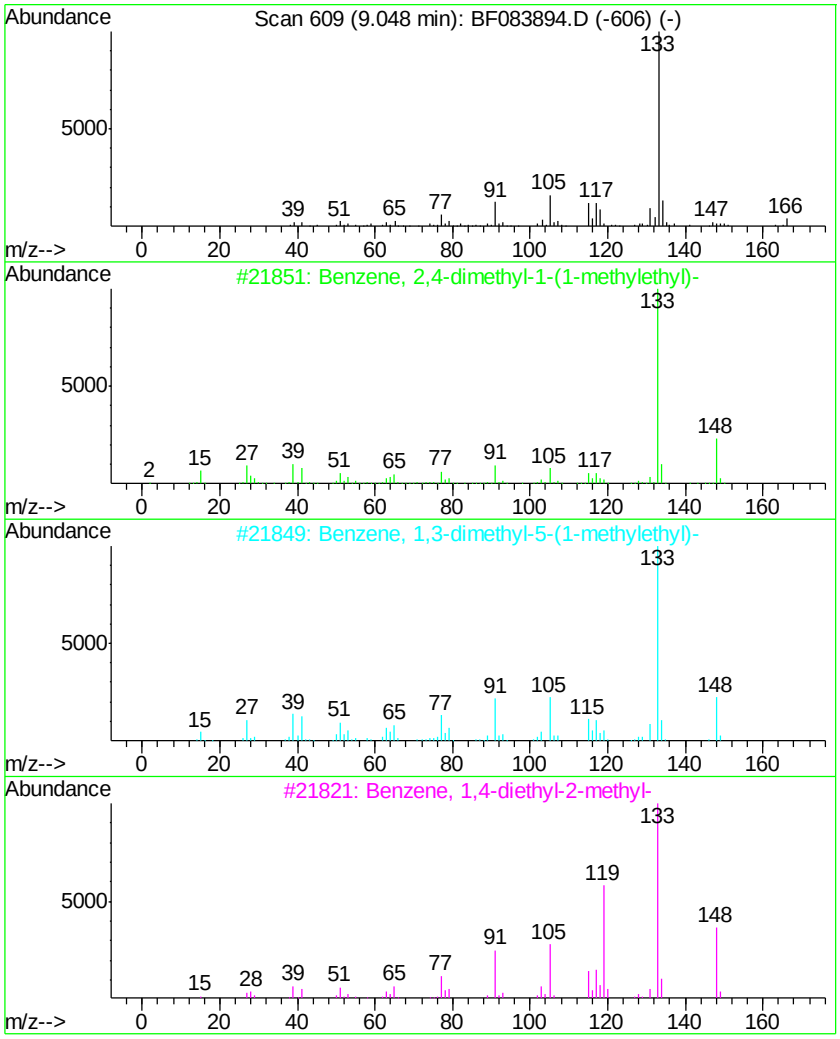
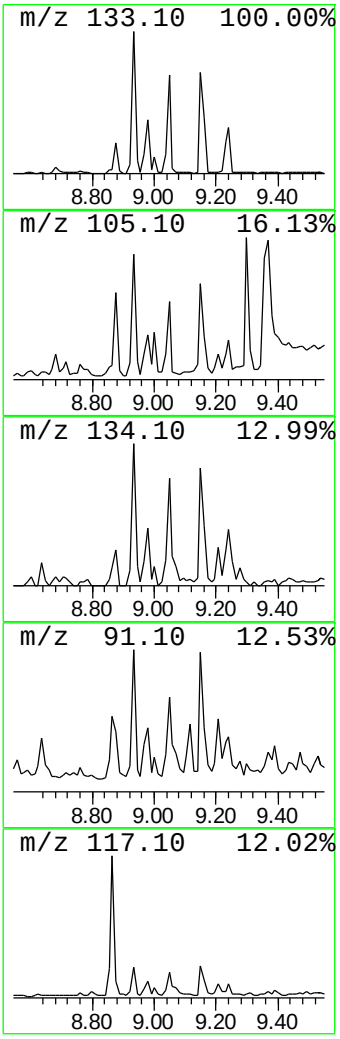
Peak Number 16 Benzene, 2,4-dimethyl-1-(1-... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.05	10.04 ng	248475	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2,4-dimethyl-1-(1-methy...	148	C11H16	004706-89-2	72
2	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	64
3	Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	64
4	1-methyl-1-indanol	148	C10H12O	064666-42-8	59
5	1H-Benzimidazol-2-amine	133	C7H7N3	000934-32-7	53





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ClientSampleId : K200-(0-2)

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

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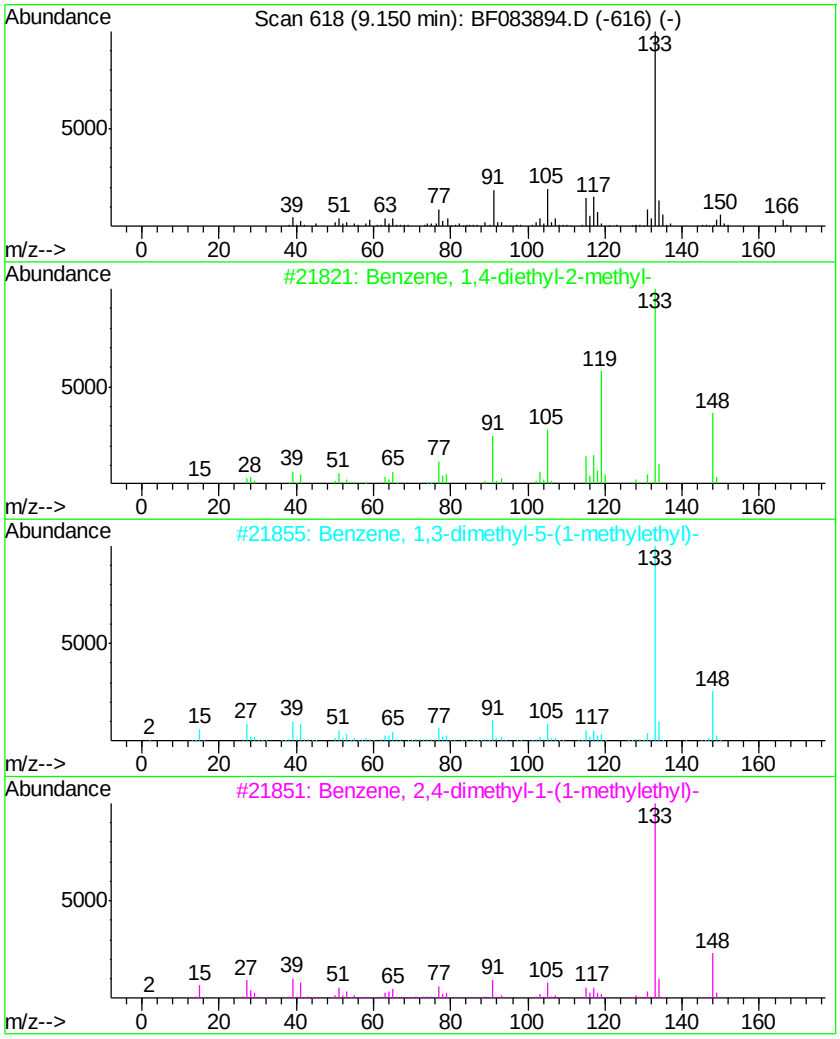
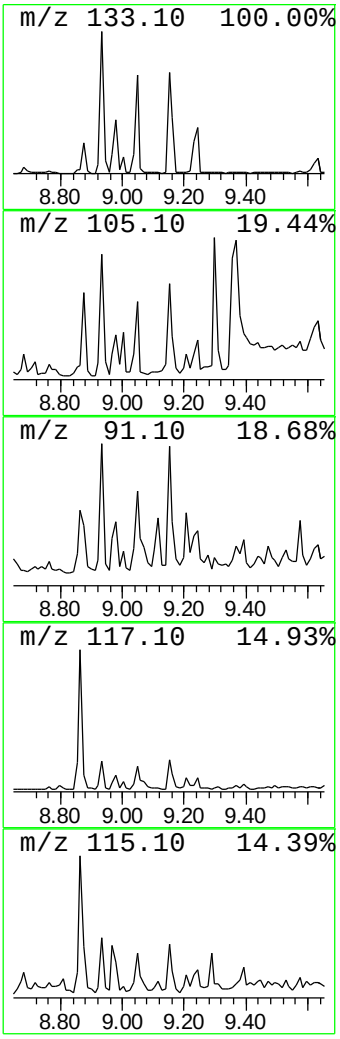
Peak Number 17 Benzene, 1,4-diethyl-2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.15	9.74 ng	241127	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	72
2	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	64
3	Benzene, 2,4-dimethyl-1-(1-methy...	148	C11H16	004706-89-2	64
4	Benzoxazole, 2-methyl-	133	C8H7NO	000095-21-6	59
5	Benzene, (1-ethyl-1-methylpropyl)-	162	C12H18	001985-97-3	59





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Sample : G4680-04
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ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K200-(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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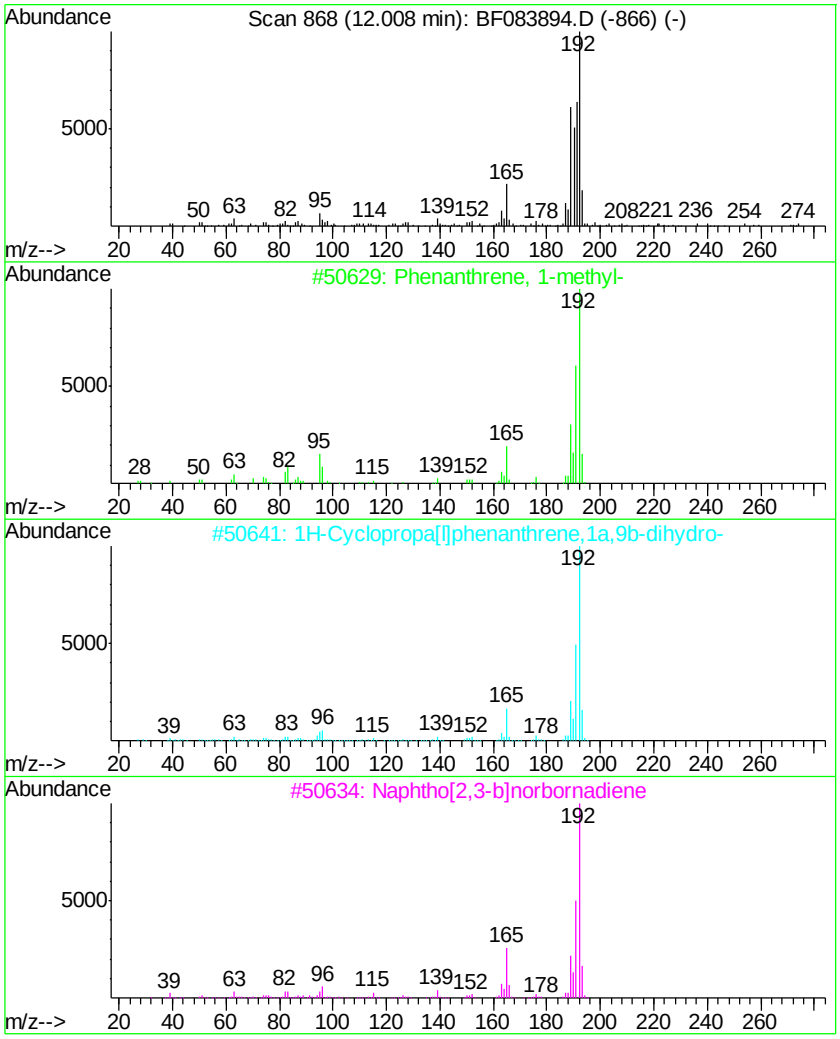
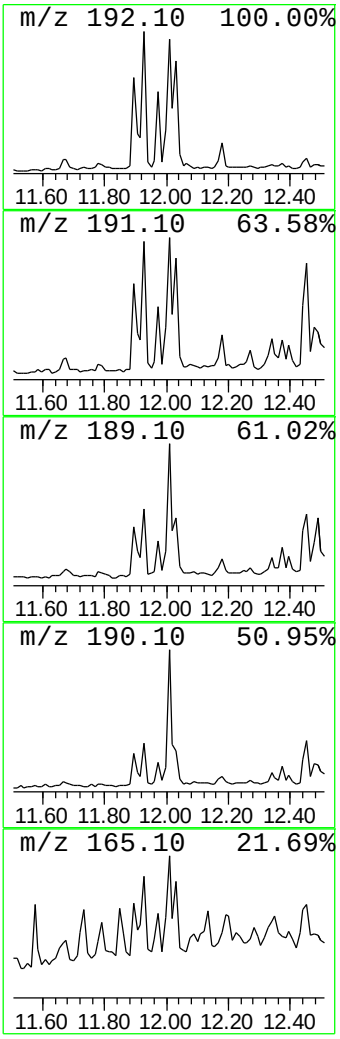
Peak Number 18 Phenanthrene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.01	7.15 ng	204095	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	78
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	64
3	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	64
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	64
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	60





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Operator : UM/SJ
Sample : G4680-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K200-(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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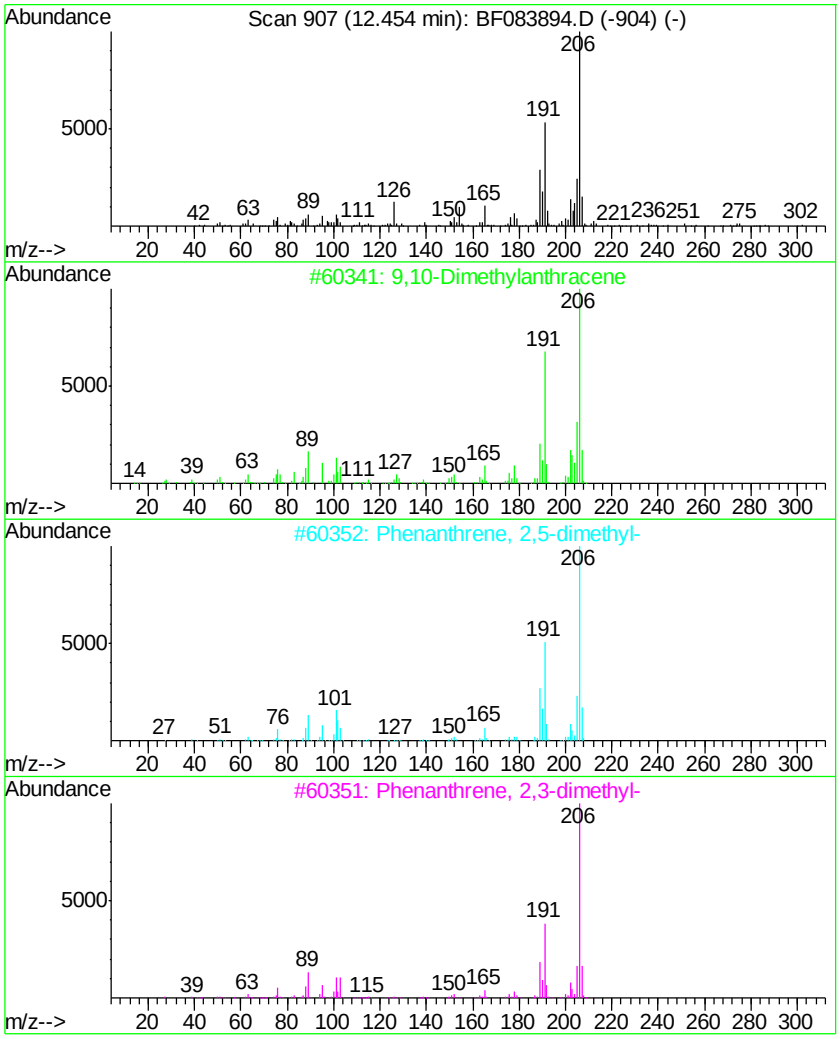
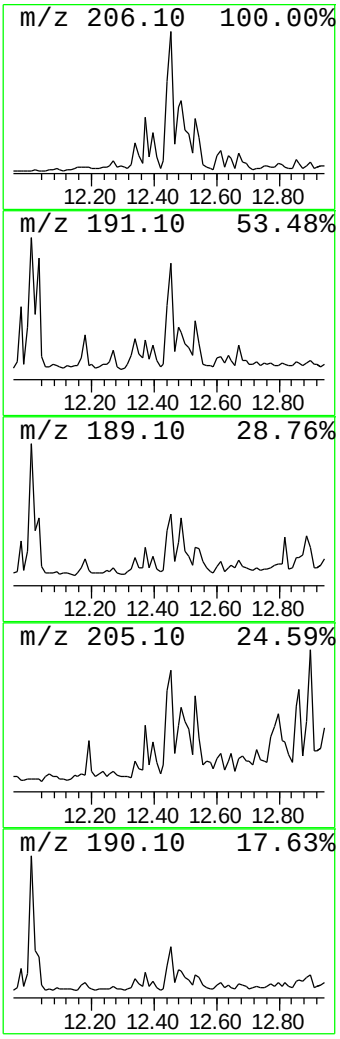
Peak Number 19 9,10-Dimethylanthracene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.45	6.45 ng	184002	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	97
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87
4	3-Methyl-1-phenyl-1H-indene	206	C16H14	022360-63-0	81
5	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121815\
Data File : BF083894.D
Acq On : 18 Dec 2015 3:52
Operator : UM/SJ
Sample : G4680-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K200-(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.06	12.9	ng	213147	1	6.88	331361	20.0
unknown6.65	6.65	79.6	ng	1319090	1	6.88	331361	20.0
Benzene, cyclopro...	6.72	60.0	ng	993802	1	6.88	331361	20.0
Benzene, 1-etheny...	6.75	28.2	ng	467596	1	6.88	331361	20.0
Indene	7.14	20.6	ng	340550	1	6.88	331361	20.0
Benzene, (2-methy...	7.49	22.9	ng	378649	1	6.88	331361	20.0
Benzene, 2-etheny...	7.54	7.5	ng	204907	2	8.16	548292	20.0
Benzenemethanethi...	7.73	35.5	ng	973402	2	8.16	548292	20.0
2-Methylindene	7.92	10.2	ng	280089	2	8.16	548292	20.0
1H-Indene, 1-methyl-	7.96	11.6	ng	316746	2	8.16	548292	20.0
Benzene, 1-methyl...	8.37	24.5	ng	672648	2	8.16	548292	20.0
Benzene, 1-methyl...	8.43	27.3	ng	749608	2	8.16	548292	20.0
Benzene, 1,4-dime...	8.93	8.5	ng	233181	2	8.16	548292	20.0
Benzene, 2,4-dime...	9.05	10.0	ng	248475	3	9.92	494874	20.0
Benzene, 1,4-diet...	9.15	9.7	ng	241127	3	9.92	494874	20.0
Phenanthrene, 1-m...	12.01	7.2	ng	204095	4	11.39	570497	20.0
9,10-Dimethylanth...	12.45	6.5	ng	184002	4	11.39	570497	20.0