LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100717\
Data File : BF099217.D
Acq On : 8 Oct 2017 3:23
Operator : SJ/JU
Sample : I5530-10 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LB-34(0-0.5)

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-BF092317.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	3.893	302	307	310	rBV	25267	40570	3.51%	0.259%
2	3.928	310	313	319	rVB	48071	64877	5.62%	0.414%
3	4.034	326	331	337	rVB	30737	44070	3.82%	0.281%
4	4.499	404	410	417	rVB	99075	126638	10.97%	0.808%
5	4.916	478	481	486	rVB	19461	20004	1.73%	0.128%
6	4.998	486	495	497	rBV2	22088	39761	3.44%	0.254%
7	5.022	497	499	503	rVB	29309	26948	2.33%	0.172%
8	5.075	505	508	517	rBV	102762	113488	9.83%	0.724%
9	5.269	537	541	544	rBV3	22676	27503	2.38%	0.175%
10	5.346	551	554	558	rVV2	96907	137227	11.88%	0.876%
11	5.381	558	560	562	rVV	62322	51169	4.43%	0.326%
12	5.451	566	572	574	rBV	263138	281974	24.42%	1.799%
13	5.475	574	576	586	rVB	681124	691858	59.91%	4.414%
14	5.628	597	602	608	rBV3	18400	33578	2.91%	0.214%
15	5.710	613	616	622	rBV2	82216	92236	7.99%	0.588%
16	5.769	622	626	633	rVB	111087	107723	9.33%	0.687%
17	5.887	640	646	649	rVB5	17818	26875	2.33%	0.171%
18	5.928	649	653	656	rBV3	15112	20094	1.74%	0.128%
19	6.004	661	666	668	rBV	25456	30544	2.64%	0.195%
20	6.028	668	670	673	rVV2	28663	29014	2.51%	0.185%
21	6.104	678	683	690	rBV3	48991	87320	7.56%	0.557%
22	6.163	690	693	696	rVB	19661	18878	1.63%	0.120%
23	6.298	710	716	718	rBV3	35552	49290	4.27%	0.314%
24	6.322	718	720	724	rVV	163160	156506	13.55%	0.999%
25	6.357	724	726	728	rVV	82087	61691	5.34%	0.394%
26	6.387	728	731	734	rVV	304477	257741	22.32%	1.644%
27	6.422	734	737	739	rVV	116278	106797	9.25%	0.681%
28	6.445	739	741	742	rVV	64248	50779	4.40%	0.324%
29	6.463	742	744	746	rVV	125116	108039	9.36%	0.689%
30	6.487	746	748	755	rVV	680395	655212	56.74%	4.180%
31	6.545	755	758	763	rVB	74479	80971	7.01%	0.517%
32	6.634	769	773	776	rVV	772569	646841	56.01%	4.127%
33	6.687	779	782	786	rBV2	353344	296979	25.72%	1.895%
34	6.798	799	801	803	rBV2	24215	23502	2.04%	0.150%

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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
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Start Thrs: 0.2 Max Peaks: 100
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	6.816	803	804	807	rVB	28125	17111	1.48%	0.109%
36	6.863	809	812	816	rVB	822887	692376	59.96%	4.417%
37	6.922	818	822	824	rBV	96696	87554	7.58%	0.559%
38	6.981	828	832	834	rBV2	26146	35783	3.10%	0.228%
39	7.022	834	839	841	rBV	578800	538019	46.59%	3.433%
40	7.045	841	843	846	rVB	183780	138209	11.97%	0.882%
41	7.110	851	854	856	rBV	245390	189770	16.43%	1.211%
42	7.134	856	858	861	rVB2	171233	133728	11.58%	0.853%
43	7.181	863	866	873	rVB2	353101	358104	31.01%	2.285%
44	7.257	873	879	881	rBV2	51813	75447	6.53%	0.481%
45	7.292	881	885	886	rBV2	22767	22661	1.96%	0.145%
46	7.328	889	891	893	rVB	26074	18355	1.59%	0.117%
47	7.351	893	895	897	rVB	25039	18446	1.60%	0.118%
48	7.392	897	902	905	rBV	525638	470186	40.72%	3.000%
49	7.428	905	908	911	rVV2	456274	428972	37.15%	2.737%
50	7.451	911	912	917	rVB	54437	39969	3.46%	0.255%
51	7.504	917	921	924	rBV3	52193	57824	5.01%	0.369%
52	7.545	924	928	930	rBV2	28295	36930	3.20%	0.236%
53	7.610	936	939	940	rBV	27646	26052	2.26%	0.166%
54	7.628	940	942	945	rVV	240617	218303	18.90%	1.393%
55	7.657	945	947	951	rVB2	46938	42623	3.69%	0.272%
56	7.745	957	962	966	rBV	117931	110657	9.58%	0.706%
57	7.792	966	970	972	rVV3	54755	68232	5.91%	0.435%
58	7.816	972	974	978	rVV2	161985	167308	14.49%	1.067%
59	7.857	978	981	982	rVV2	38308	36764	3.18%	0.235%
60	7.881	982	985	988	rVV2	354777	324115	28.07%	2.068%
61	7.910	988	990	992	rVV	79229	64723	5.60%	0.413%
62	7.963	995	999	1001	rVV	70181	73176	6.34%	0.467%
63	7.987	1001	1003	1005	rVV2	29665	23553	2.04%	0.150%
64	8.010	1005	1007	1011	rVB	125221	101653	8.80%	0.649%
65	8.145	1017	1030	1033	rBV	1051970	1154798	100.00%	7.368%
66	8.169	1033	1034	1036	rVV	256123	136681	11.84%	0.872%
67	8.192	1036	1038	1041	rVB2	70078	79725	6.90%	0.509%
68	8.228	1041	1044	1047	rBV2	68223	58692	5.08%	0.374%
69	8.345	1061	1064	1066	rVB4	20220	18108	1.57%	0.116%
70	8.422	1074	1077	1083	rVB4	44522	67095	5.81%	0.428%
71	8.492	1083	1089	1091	rBV6	17063	29137	2.52%	0.186%

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Integrator: RTE
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72	8.528	1091	1095	1097	rVB2	44967	40093	3.47%	0.256%
73	8.557	1097	1100	1102	rBV3	42688	33124	2.87%	0.211%
74	8.610	1106	1109	1113	rVB3	27977	25681	2.22%	0.164%
75	8.651	1113	1116	1118	rBV	29538	29167	2.53%	0.186%
76	8.728	1127	1129	1133	rBV3	46878	40147	3.48%	0.256%
77	8.816	1141	1144	1148	rVB4	13278	19407	1.68%	0.124%
78	8.857	1148	1151	1155	rBV	219060	169389	14.67%	1.081%
79	8.957	1163	1168	1172	rVB	104855	89719	7.77%	0.572%
80	9.157	1195	1202	1204	rBV6	14963	26129	2.26%	0.167%
81	9.216	1209	1212	1217	rVV	856183	684006	59.23%	4.364%
82	9.292	1221	1225	1228	rVB	26754	21637	1.87%	0.138%
83	9.486	1253	1258	1261	rVB2	29725	40039	3.47%	0.255%
84	9.557	1267	1270	1272	rBV	29927	27488	2.38%	0.175%
85	9.610	1276	1279	1287	rVB	119760	105258	9.11%	0.672%
86	9.904	1325	1329	1333	rBV	829487	760623	65.87%	4.853%
87	10.322	1393	1400	1403	rBV2	22302	21745	1.88%	0.139%
88	10.686	1459	1462	1473	rBV	278368	246620	21.36%	1.573%
89	10.792	1478	1480	1486	rVB4	21213	29411	2.55%	0.188%
90	11.386	1578	1581	1584	rBV	769453	650345	56.32%	4.149%
91	11.410	1584	1585	1588	rVV	42935	29450	2.55%	0.188%
92	11.998	1682	1685	1688	rBV2	15130	16908	1.46%	0.108%
93	12.439	1756	1760	1762	rBV	17955	17616	1.53%	0.112%
94	12.463	1762	1764	1768	rVV3	13367	17403	1.51%	0.111%
95	12.598	1784	1787	1790	rBV	60943	55982	4.85%	0.357%
96	12.833	1821	1827	1829	rBV	72395	76828	6.65%	0.490%
97	12.969	1846	1850	1853	rBV	593867	480597	41.62%	3.066%
98	13.533	1943	1946	1948	rBV4	15183	18292	1.58%	0.117%
99	14.027	2026	2030	2033	rBV	690323	630472	54.60%	4.022%
100	15.504	2277	2281	2290	rVB	372697	502670	43.53%	3.207%

Sum of corrected areas: 15673782

LSC Report - Integrated Chromatogram

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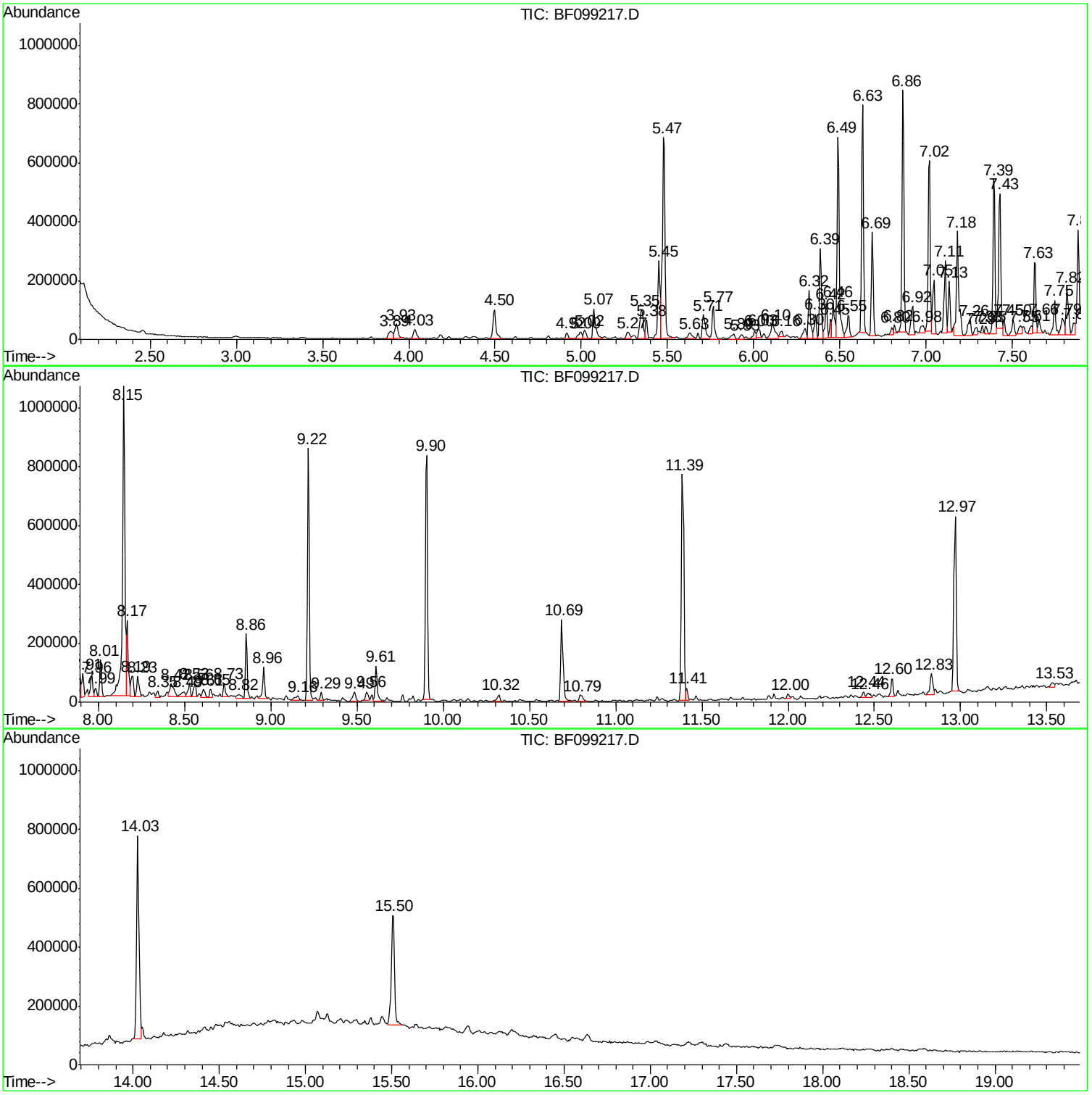
Sample : I5530-10 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LB-34(0-0.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100717\
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Misc :
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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

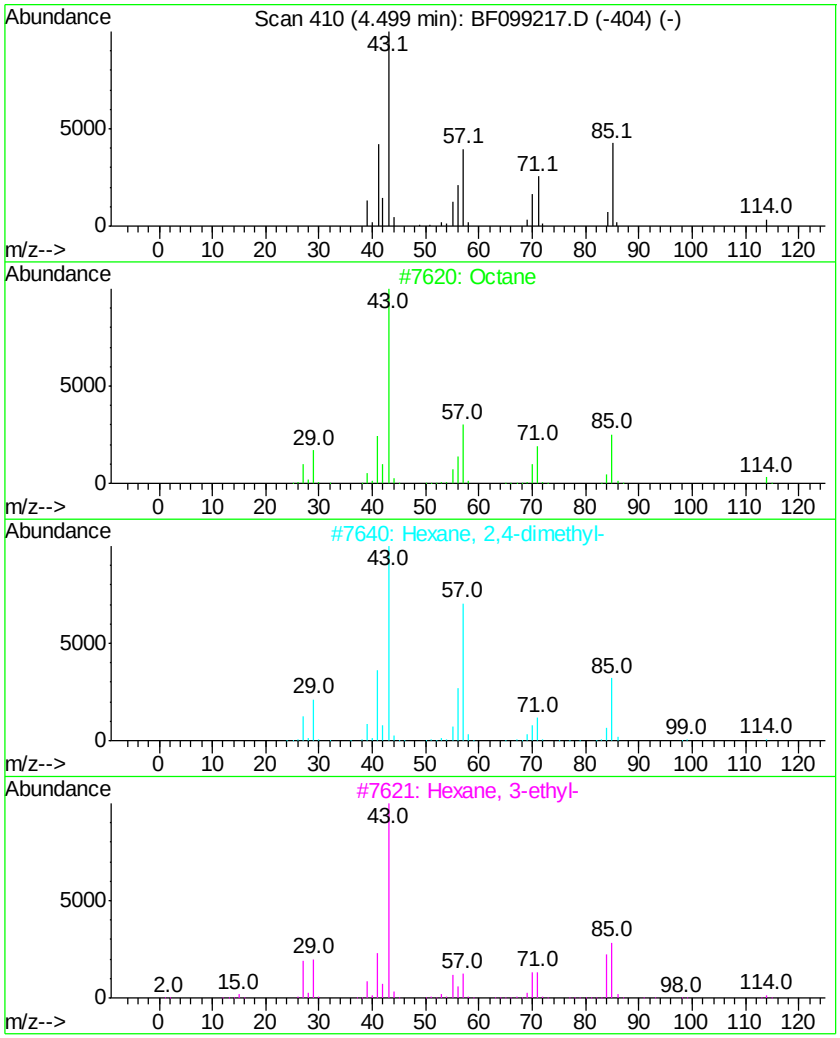
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

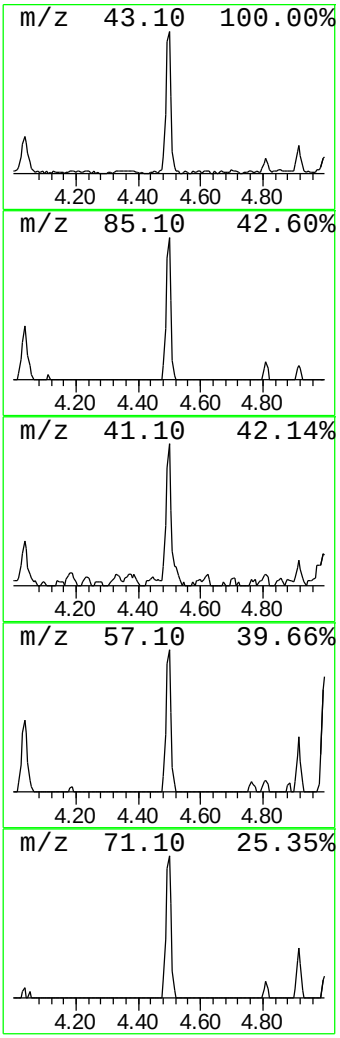
****

Peak Number 1 Octane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.50	3.66 ng	126638	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane	114	C8H18	000111-65-9	91
2	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	64
3	Hexane, 3-ethyl-	114	C8H18	000619-99-8	64
4	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	64
5	Hexane, 2,3,3-trimethyl-	128	C9H20	016747-28-7	59





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Instrument : BNA_F
ClientSampleId : LB-34(0-0.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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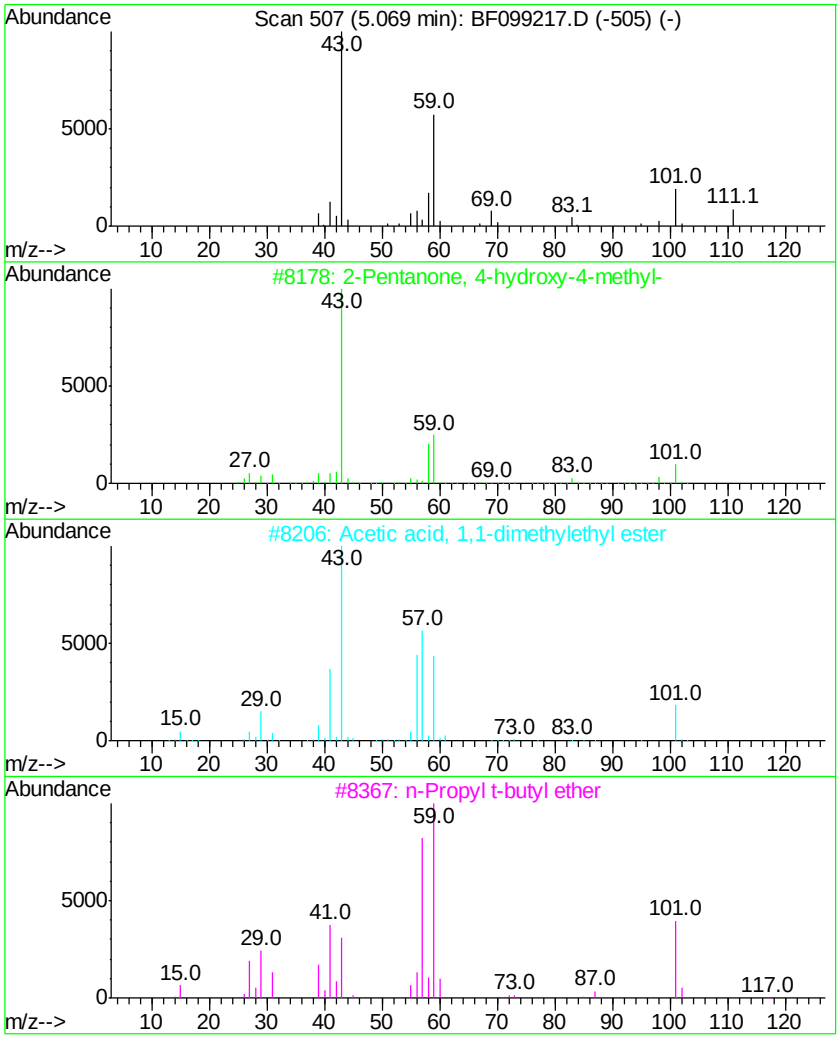
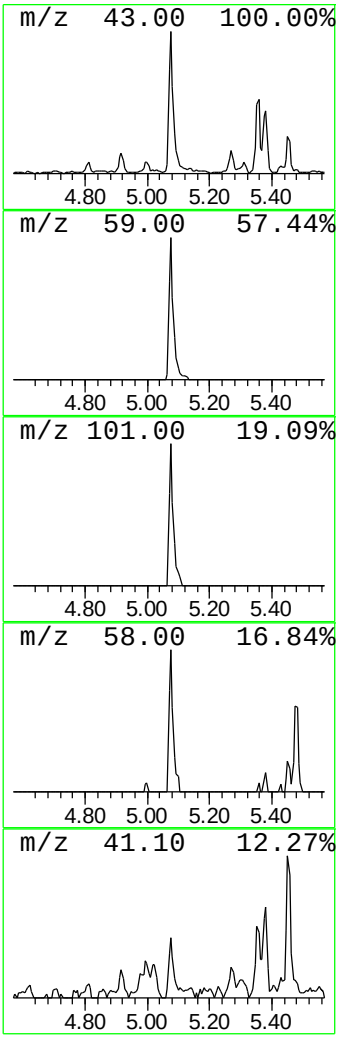
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.07	3.28 ng	113488	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	36
3	n-Propyl t-butyl ether	116	C7H16O	1000334-81-9	25
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	23
5	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	16





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Instrument : BNA_F
ClientSampleId : LB-34(0-0.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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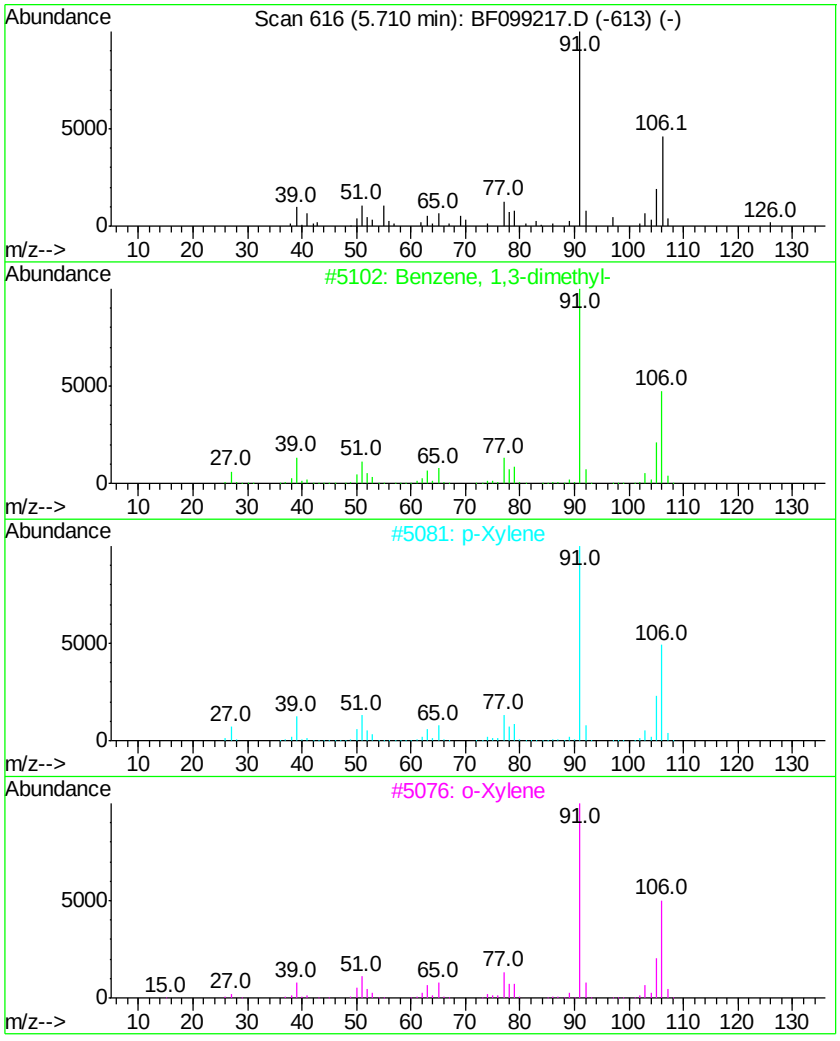
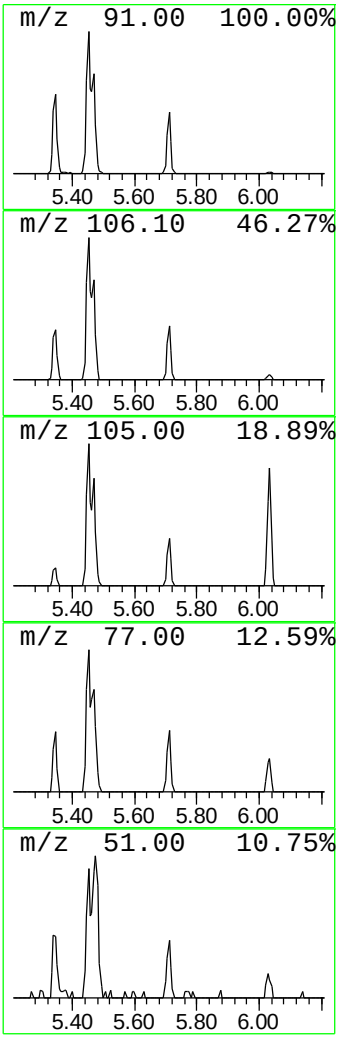
Peak Number 4 Benzene, 1,3-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.71	2.66 ng	92236	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	95
2	p-Xylene	106	C8H10	000106-42-3	94
3	o-Xylene	106	C8H10	000095-47-6	94
4	1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	87
5	Ethylbenzene	106	C8H10	000100-41-4	83





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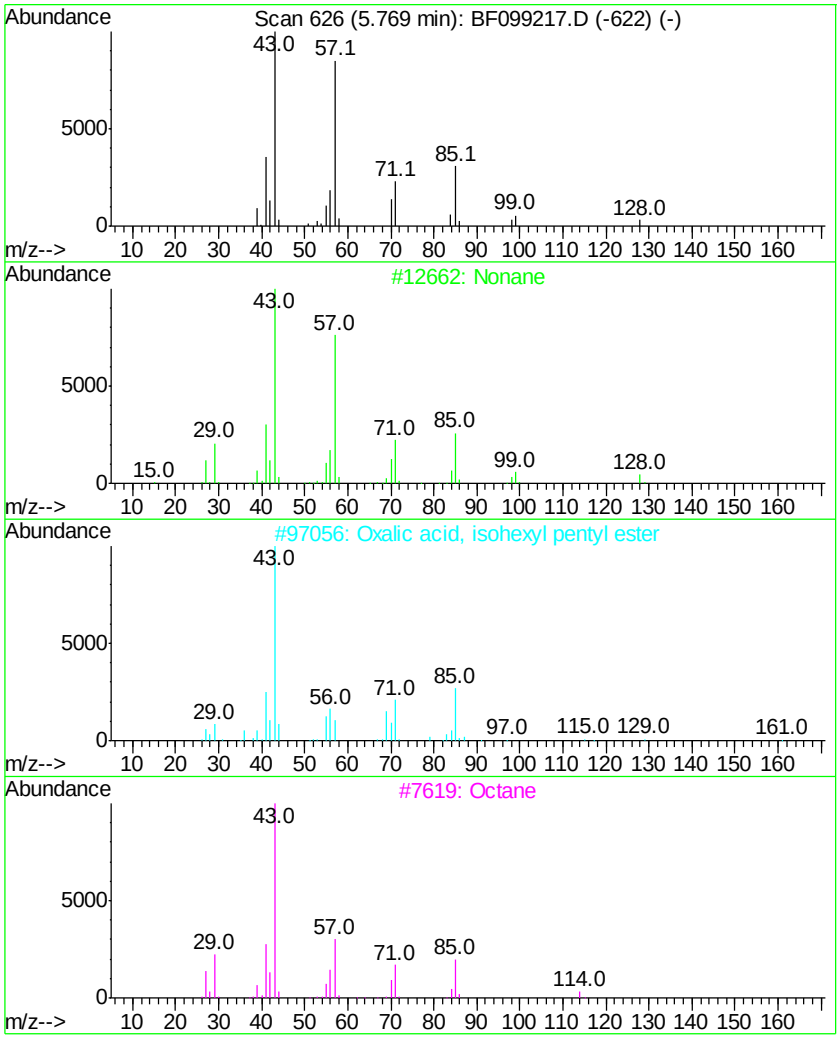
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

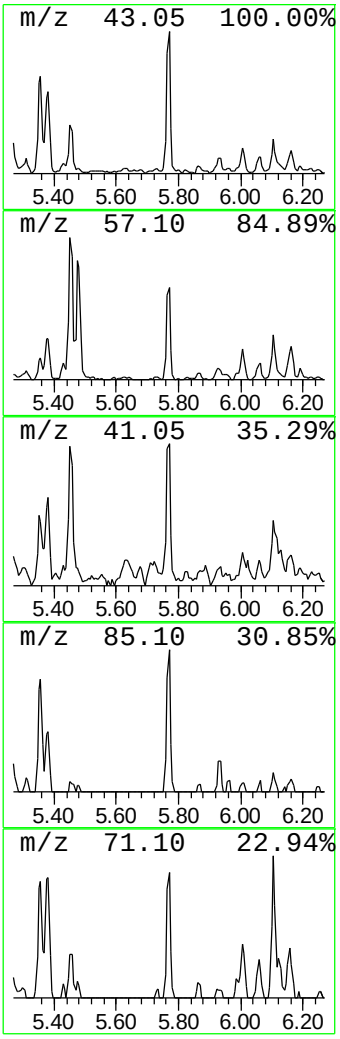
****

Peak Number 5 Nonane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.77	3.11 ng	107723	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane	128	C9H20	000111-84-2	91
2	Oxalic acid, isohexyl pentyl ester	244	C13H24O4	1000309-32-8	64
3	Octane	114	C8H18	000111-65-9	64
4	Hexadecane	226	C16H34	000544-76-3	64
5	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	53





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Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LB-34(0-0.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

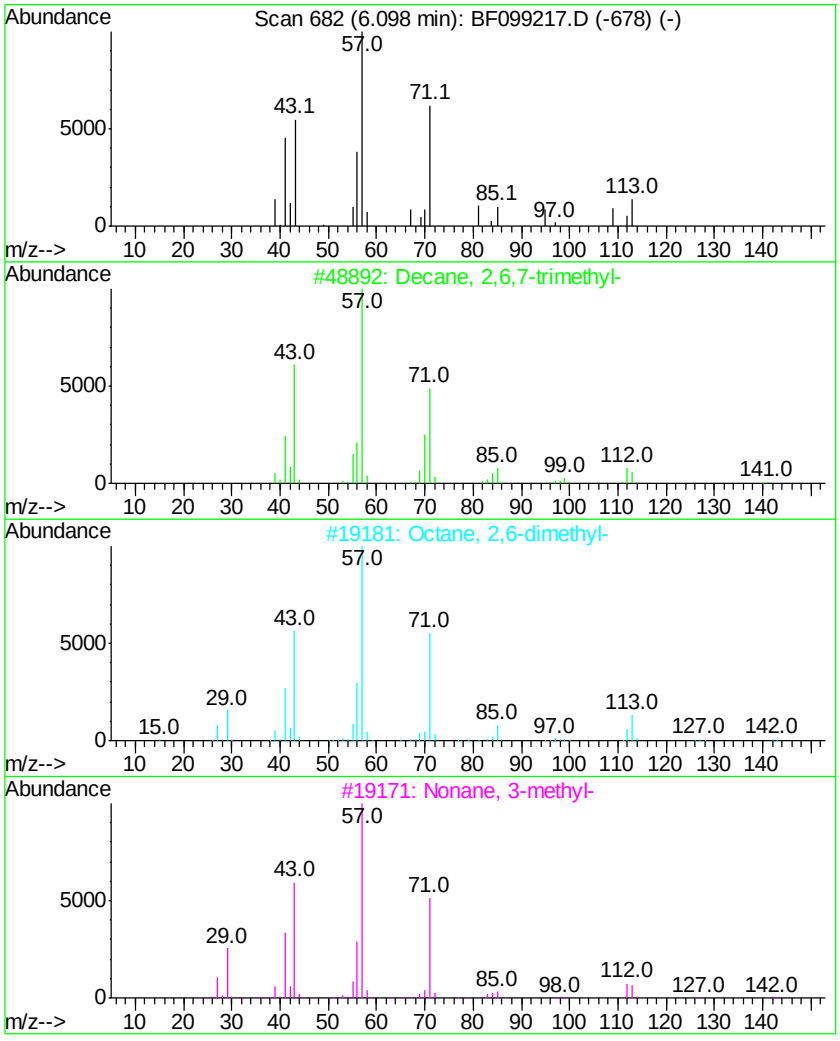
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

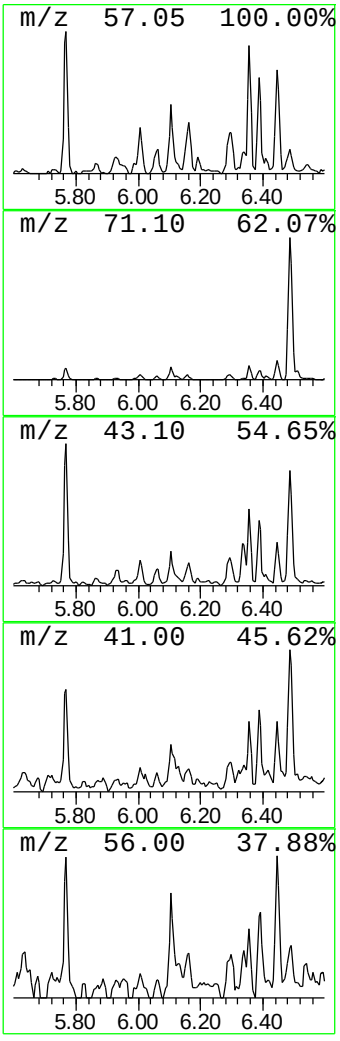
****

Peak Number 6 Decane, 2,6,7-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.10	2.52 ng	87320	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	59
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	53
3	Nonane, 3-methyl-	142	C10H22	005911-04-6	53
4	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	53
5	Undecane, 5-methyl-	170	C12H26	001632-70-8	50





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Data Path : Z:\HPCHEM1\BNA F\DATA\BF100717\
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Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LB-34(0-0.5)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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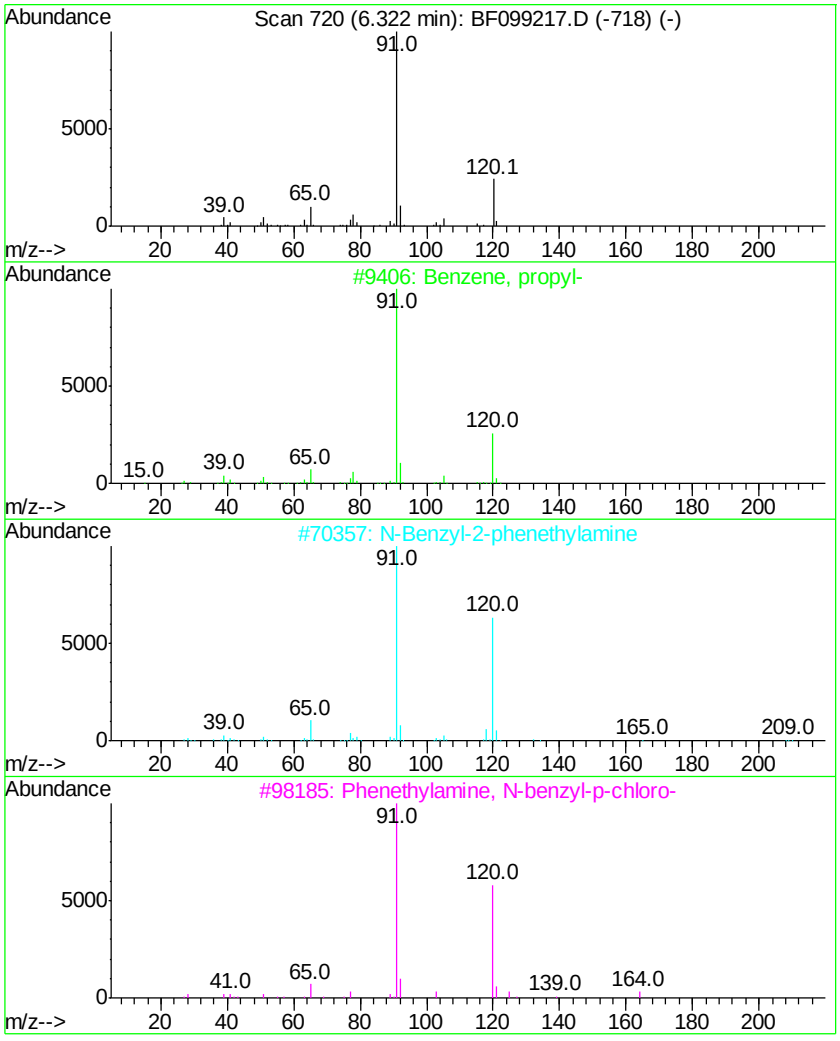
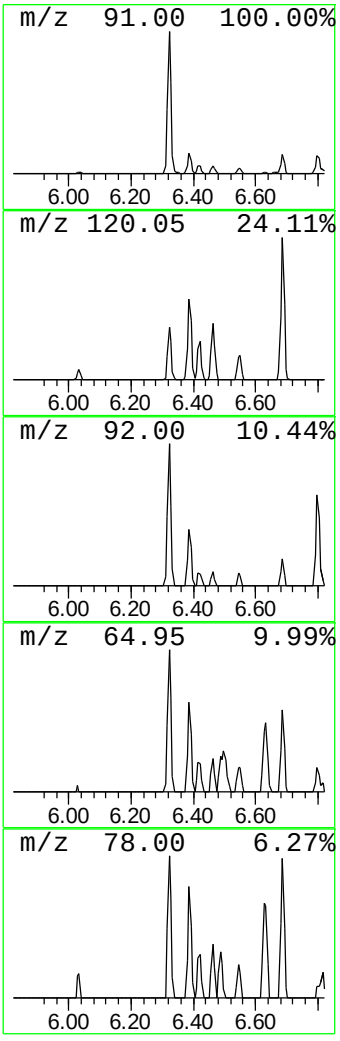
Peak Number 7 Benzene, propyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.32	4.52 ng	156506	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	90
2	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	78
3	Phenethylamine, N-benzyl-p-chloro-	245	C15H16ClN	013622-43-0	72
4	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	64
5	N-(Benzyloxy)-2,2,2-trifluoroace...	219	C9H8F3NO2	174075-91-3	50





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Acq On : 8 Oct 2017 3:23
Operator : SJ/JU
Sample : I5530-10 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LB-34(0-0.5)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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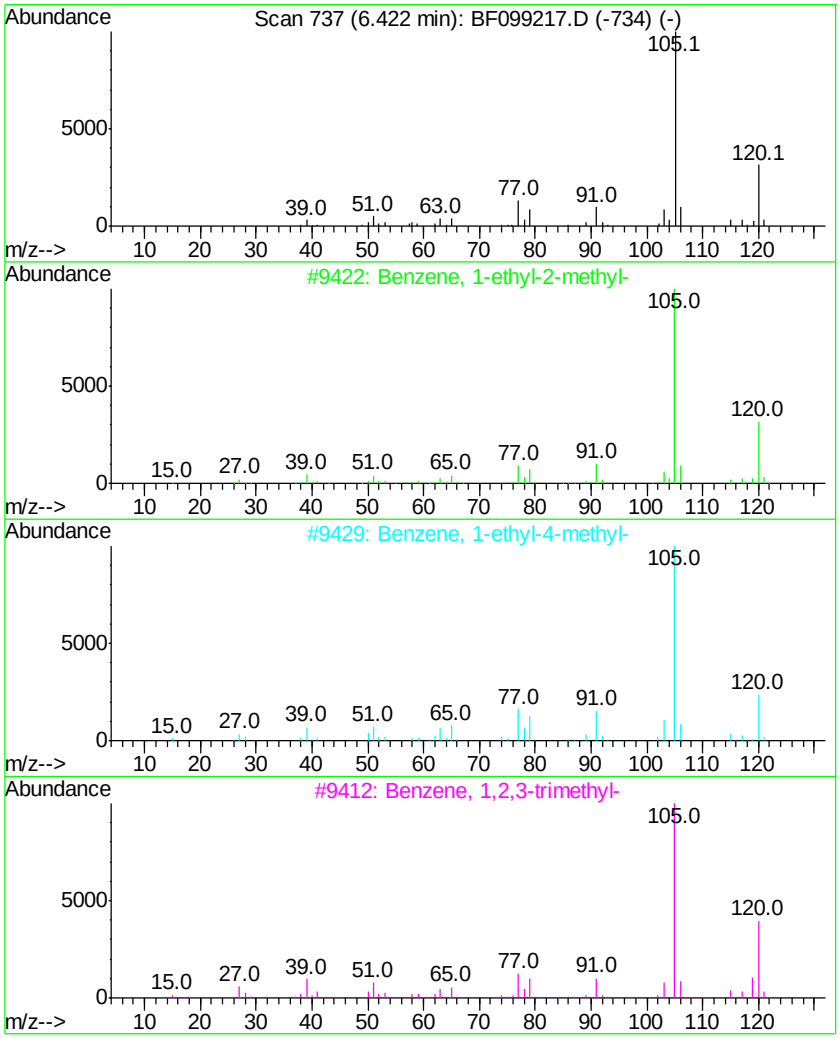
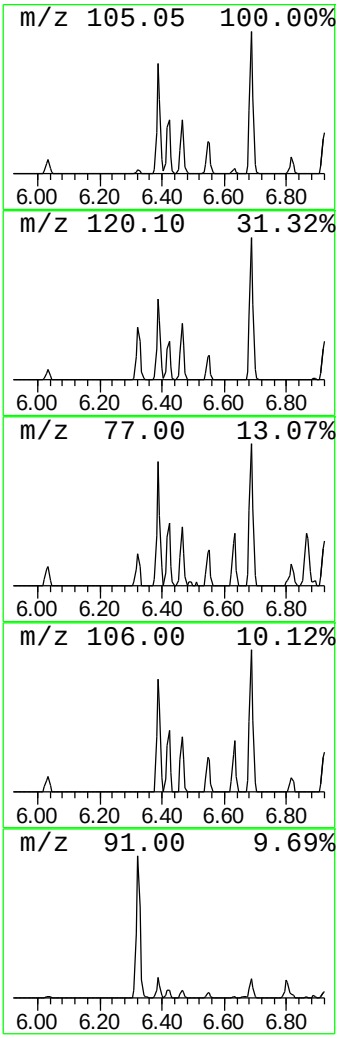
Peak Number 9 Benzene, 1-ethyl-2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.42	3.08 ng	106797	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	93
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Mesitylene	120	C9H12	000108-67-8	91





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Sample : I5530-10 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

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ClientSampleId : LB-34(0-0.5)

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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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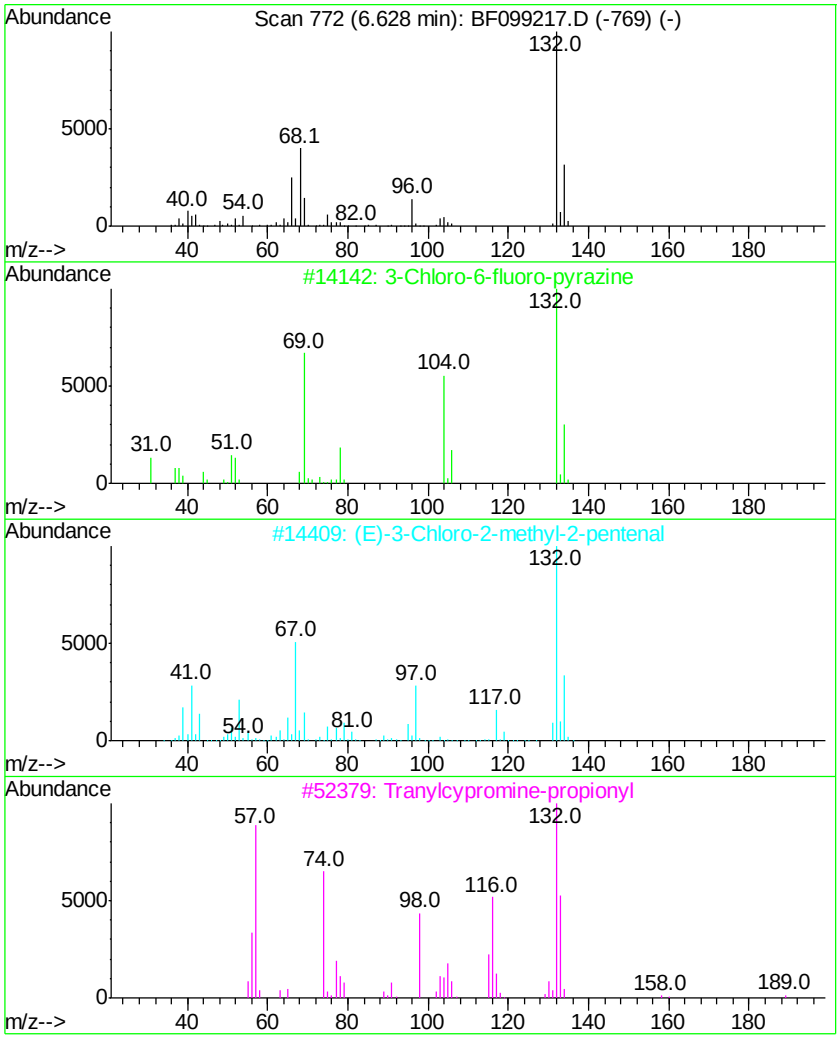
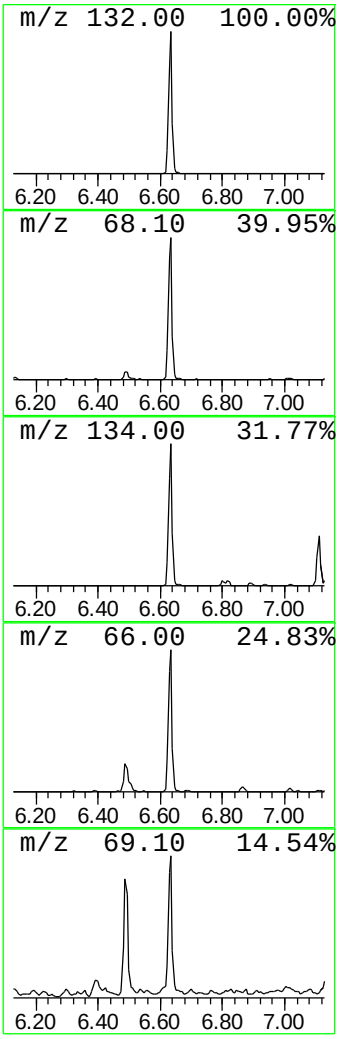
Peak Number 10 unknown6.63 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.63	18.68 ng	646841	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	5-Aminoindole	132	C8H8N2	005192-03-0	12
5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9





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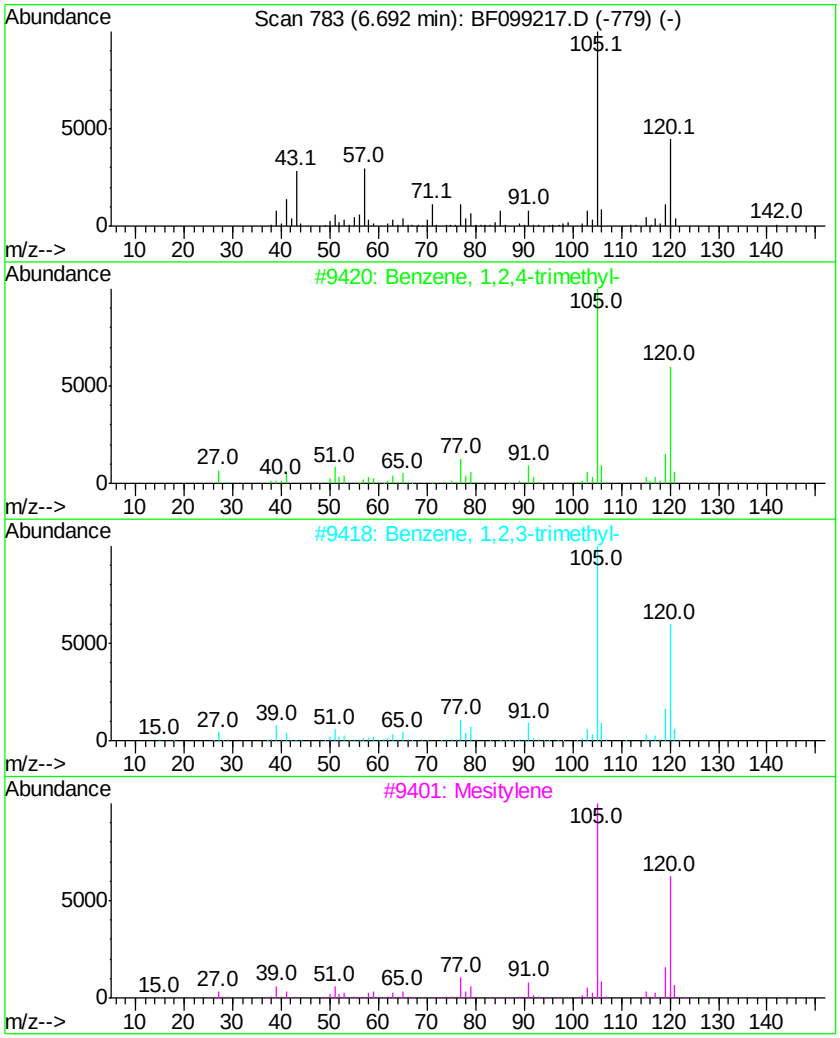
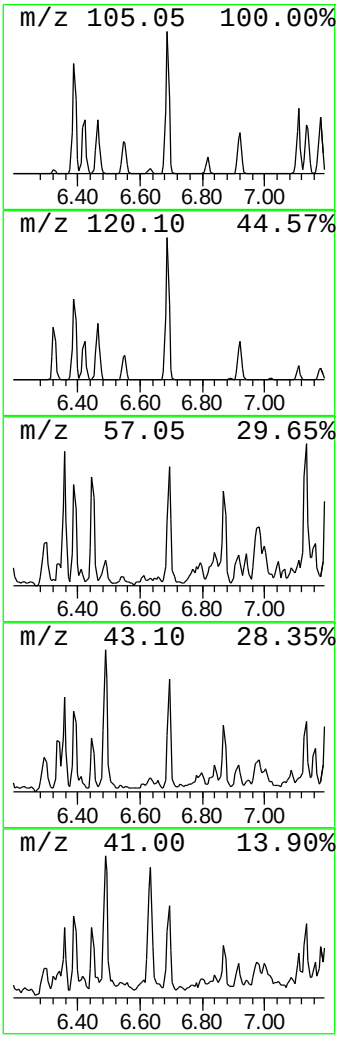
Peak Number 11 Benzene, 1,2,4-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.69	8.58 ng	296979	1,4-Dichlorobenzene-d4	6.86

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	Mesitylene	120	C9H12	000108-67-8	93
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	87
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	87





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Sample : I5530-10 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LB-34(0-0.5)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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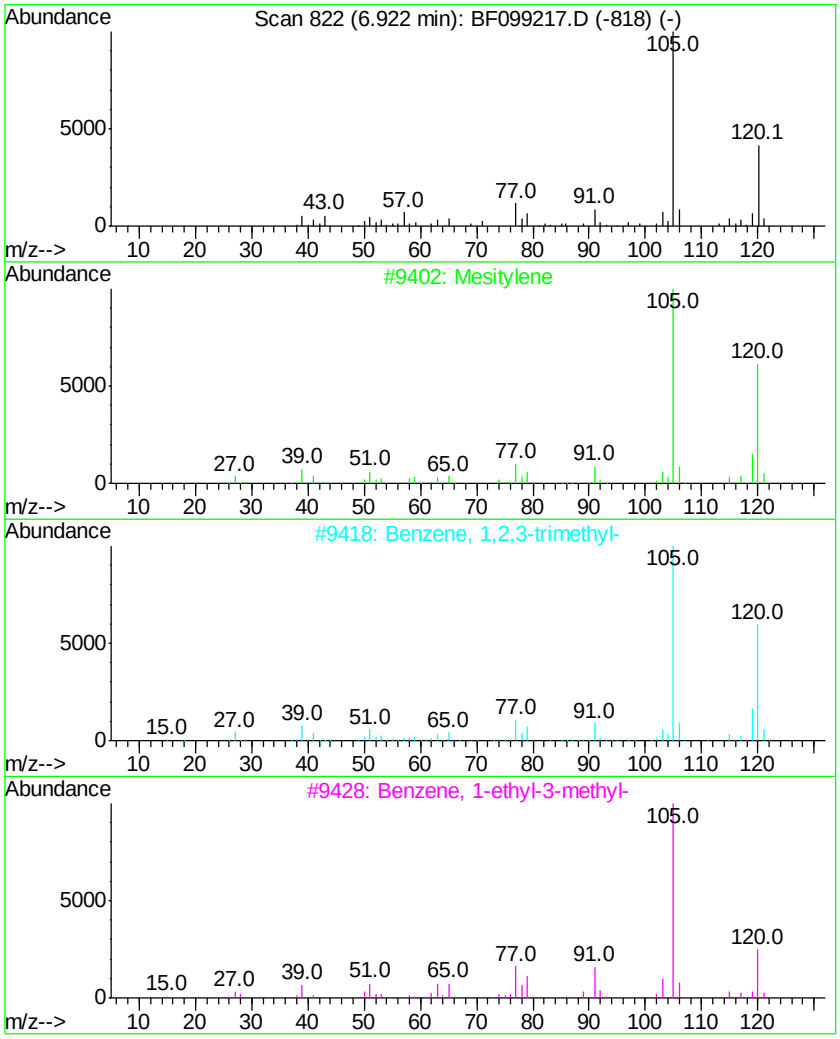
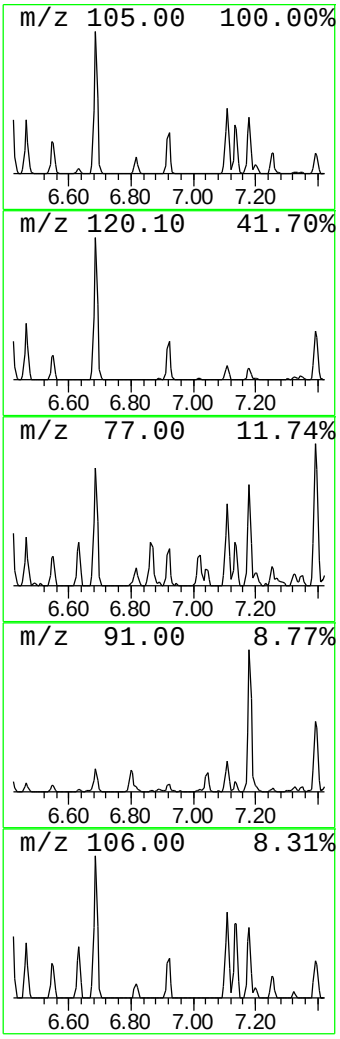
Peak Number 12 Mesitylene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.92	2.53 ng	87554	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	91
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	90
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90





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Sample : I5530-10 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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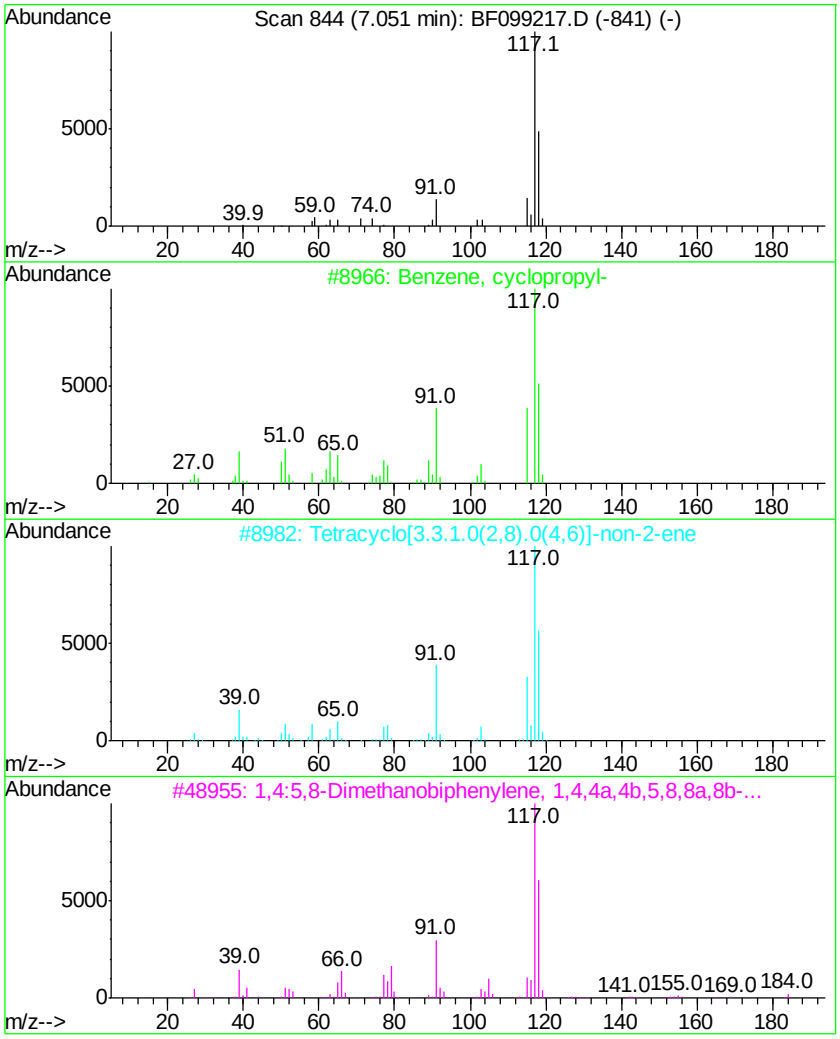
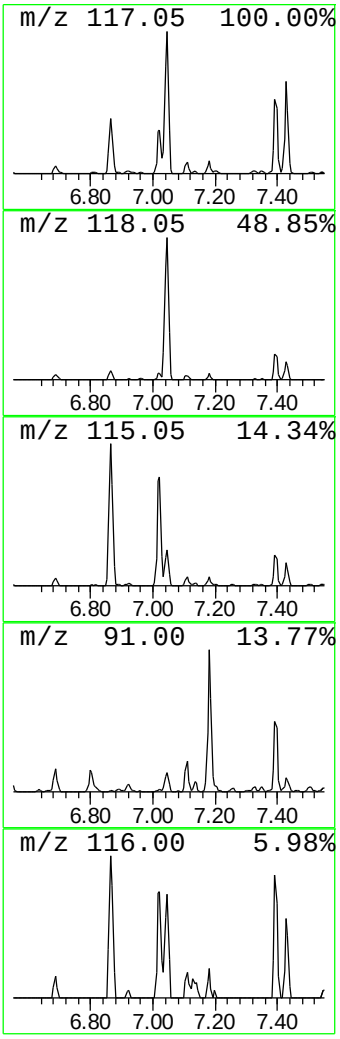
Peak Number 14 Benzene, cyclopropyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.05	3.99 ng	138209	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, cyclopropyl-	118	C9H10	000873-49-4	87
2	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	80
3	1,4:5,8-Dimethanobiphenylene, 1,...	184	C14H16	001624-13-1	72
4	Indane	118	C9H10	000496-11-7	64
5	Deltacyclene	118	C9H10	007785-10-6	53





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Instrument : BNA_F
ClientSampleId : LB-34(0-0.5)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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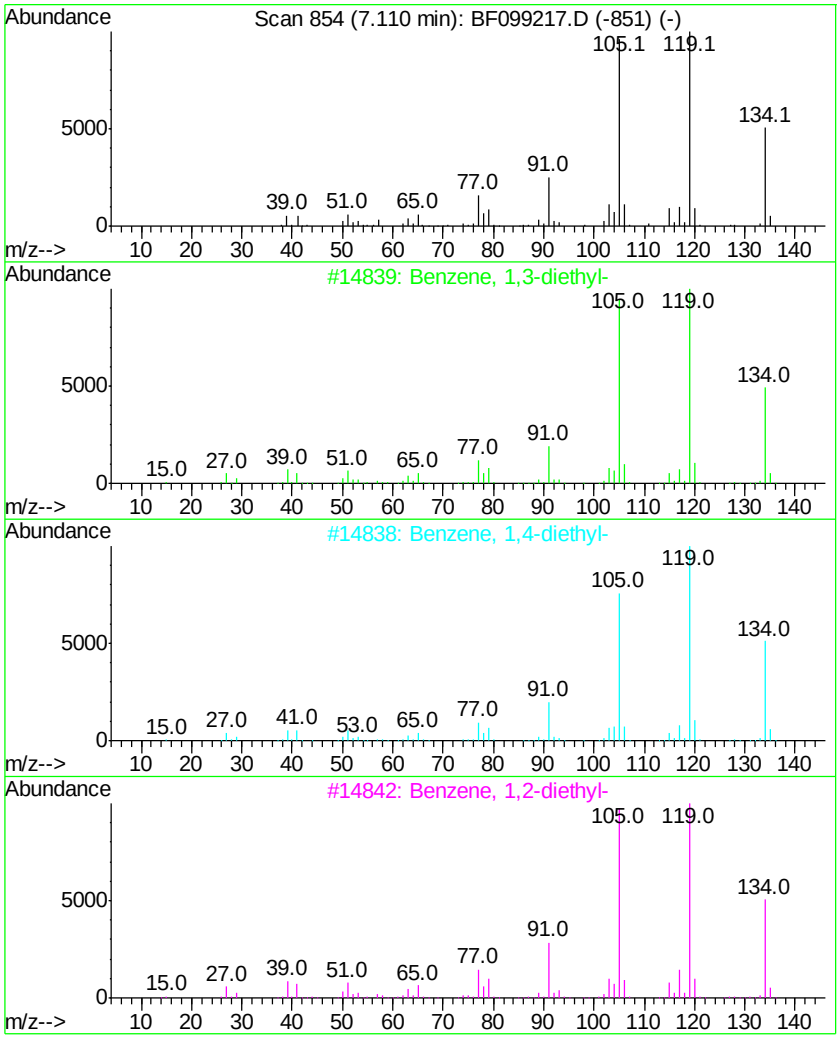
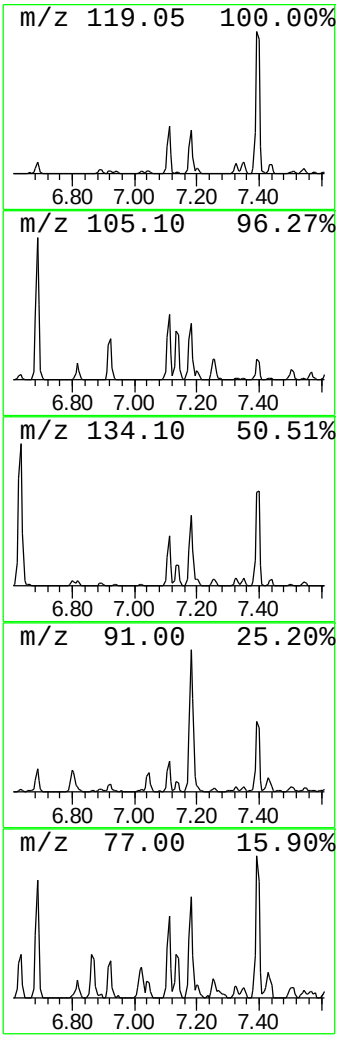
Peak Number 15 Benzene, 1,3-diethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.11	5.48 ng	189770	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	97
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
3	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	94
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	83





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Sample : I5530-10 5X
Misc :
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Instrument : BNA_F
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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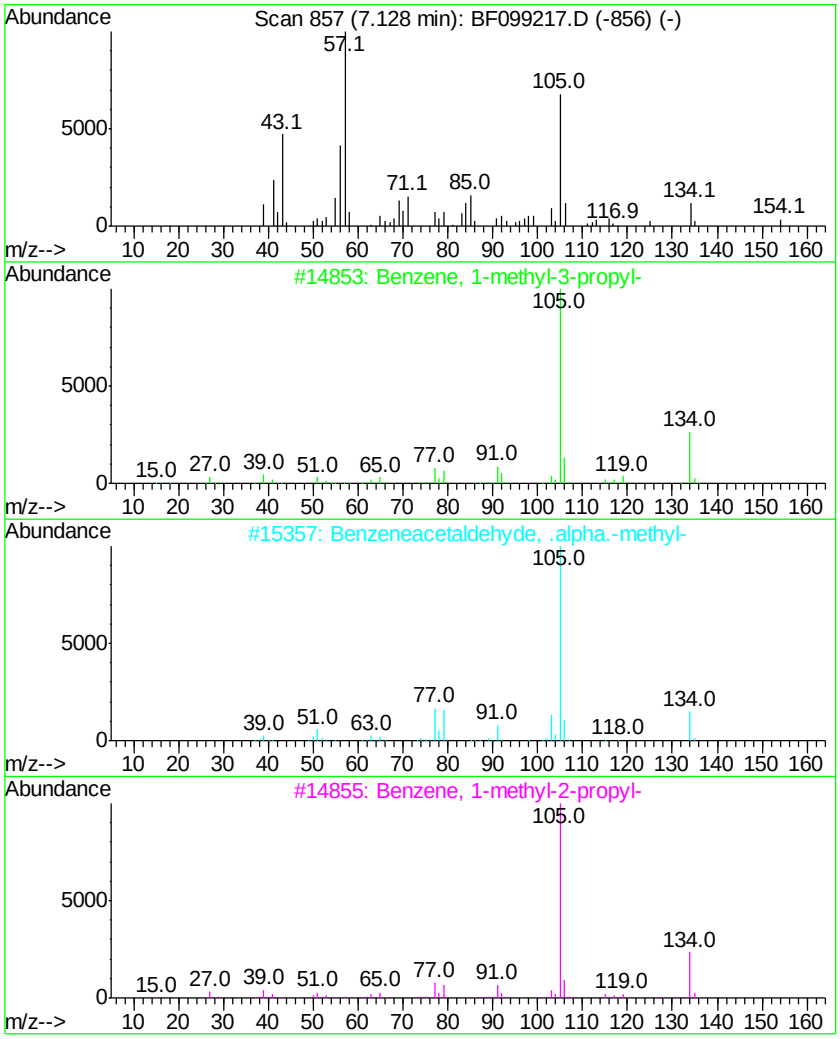
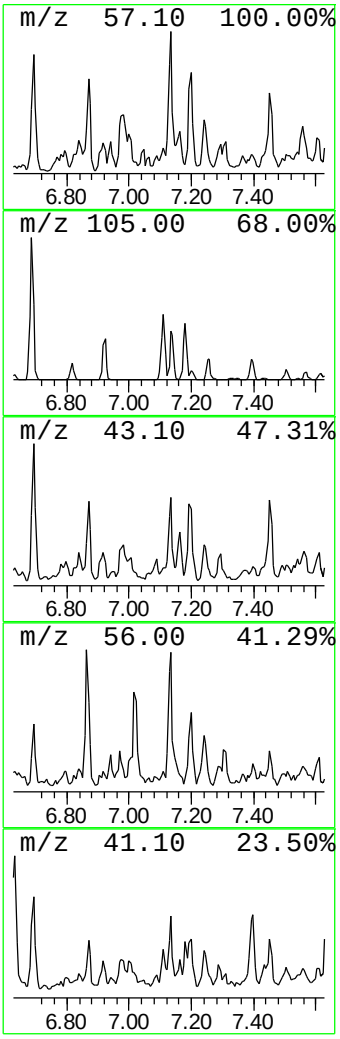
Peak Number 16 Benzene, 1-methyl-3-propyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.13	3.86 ng	133728	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	81
2	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	81
3	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	81
4	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	81
5	Oxirane, 2-methyl-2-phenyl-	134	C9H10O	002085-88-3	72





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Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LB-34(0-0.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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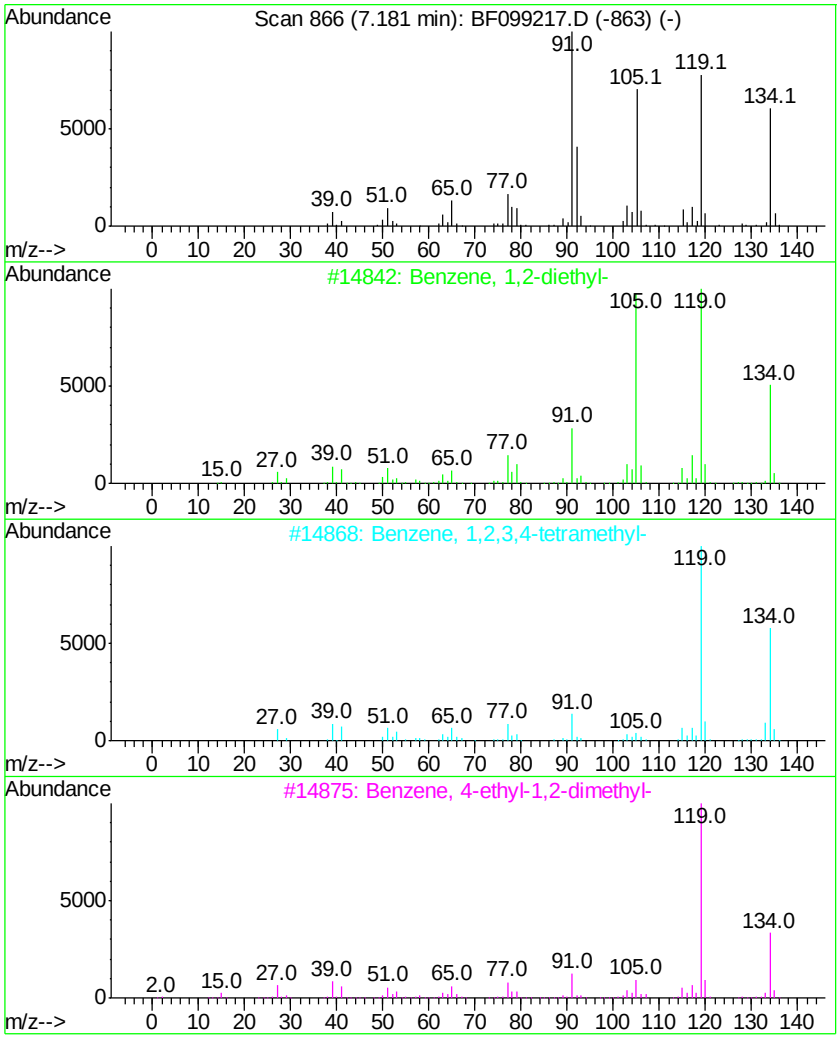
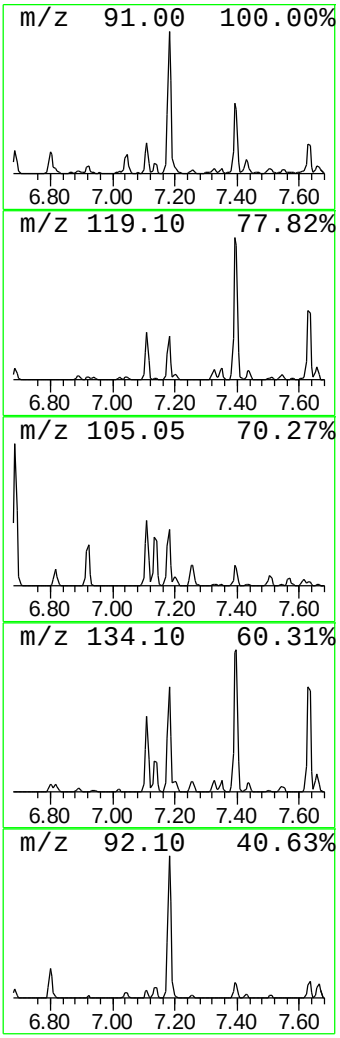
Peak Number 17 Benzene, 1,2-diethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.18	10.34 ng	358104	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	93
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	87
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	87
4	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	87
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	83





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Misc :
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Instrument : BNA_F
ClientSampleId : LB-34(0-0.5)

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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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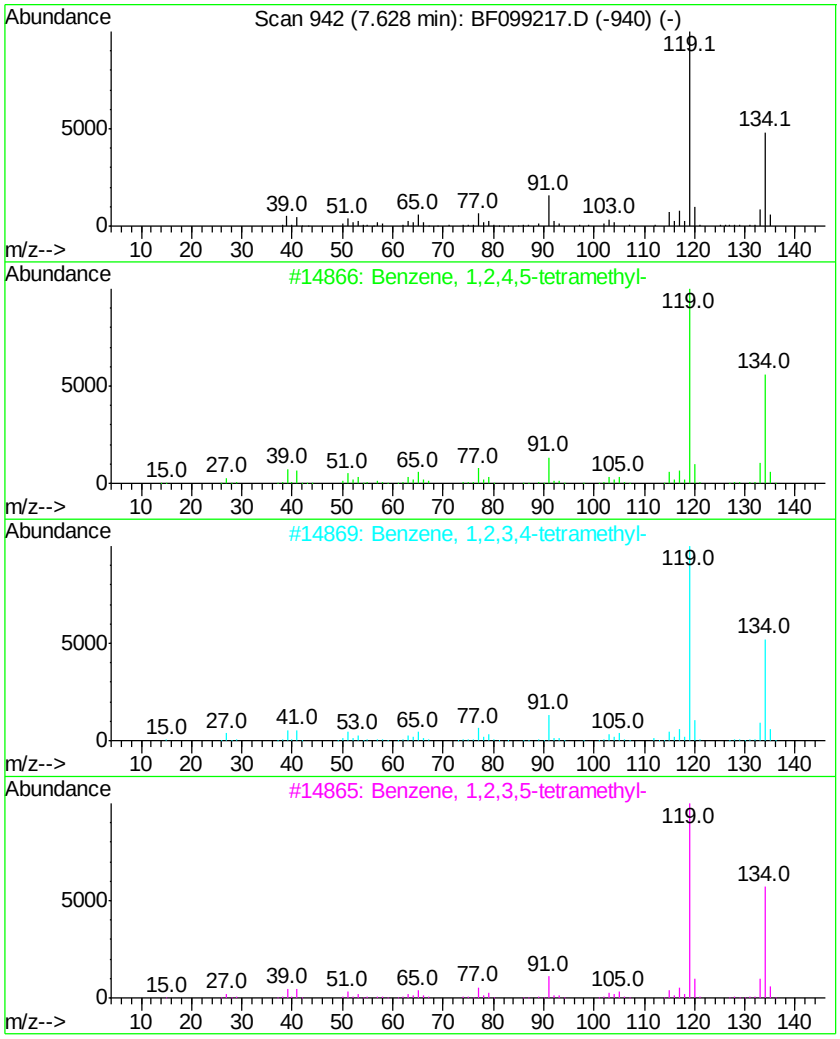
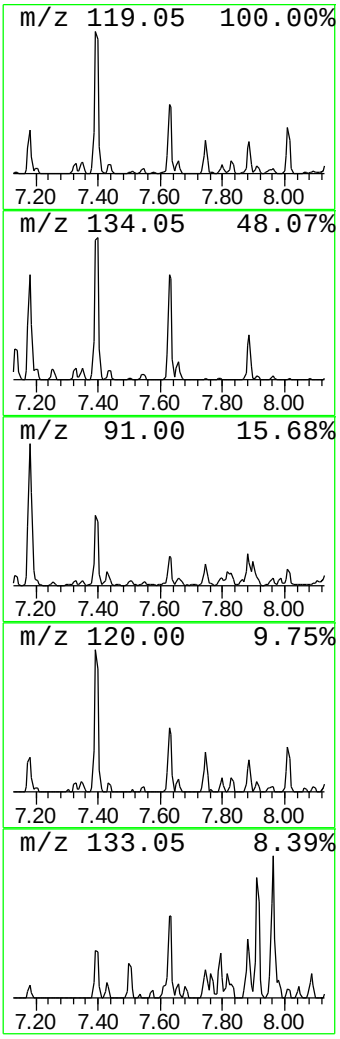
Peak Number 18 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.63	3.78 ng	218303	Naphthalene-d8	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
4	p-Cymene	134	C10H14	000099-87-6	91
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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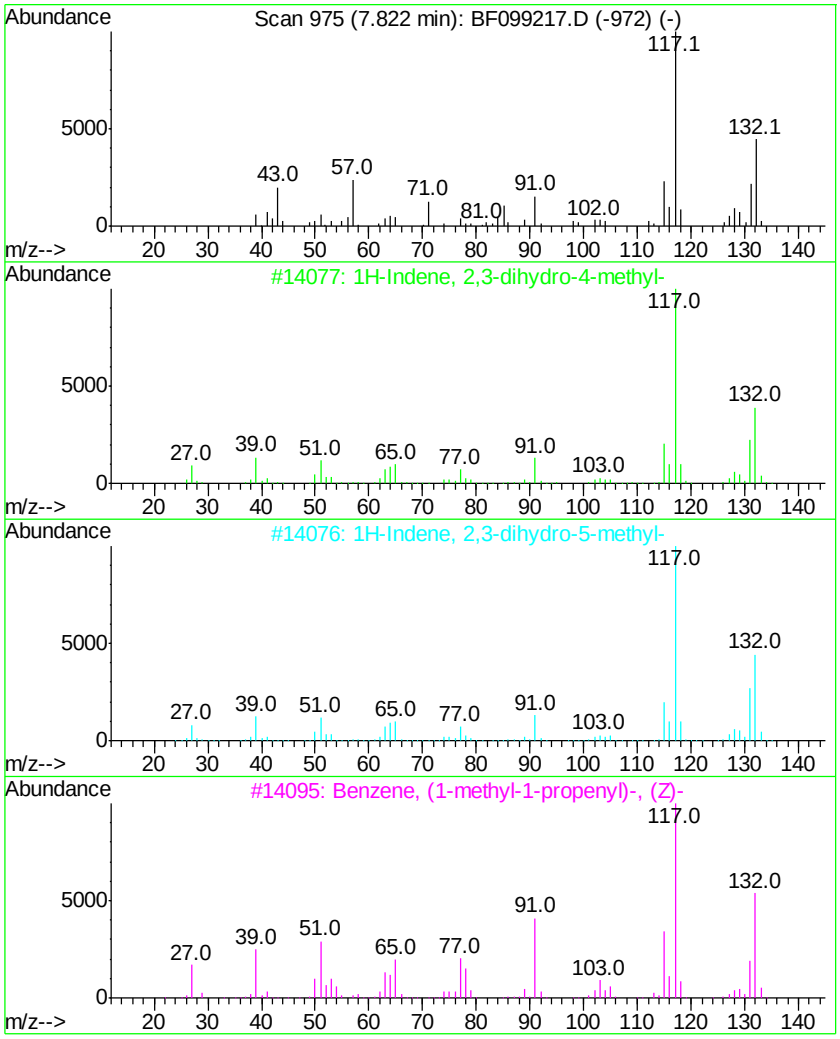
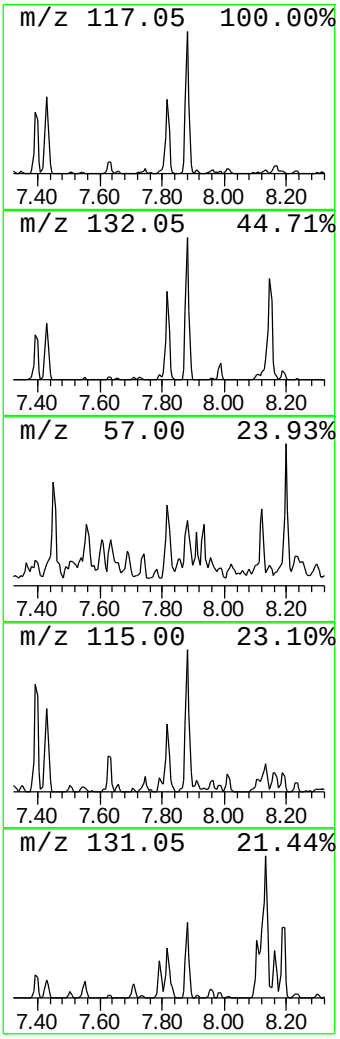
Peak Number 19 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.82	2.90 ng	167308	Naphthalene-d8	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	94
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	90
3	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	86
4	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	86
5	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	86





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Misc :
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ClientSampleId : LB-34(0-0.5)

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TIC Integration Parameters: LSCINT.P

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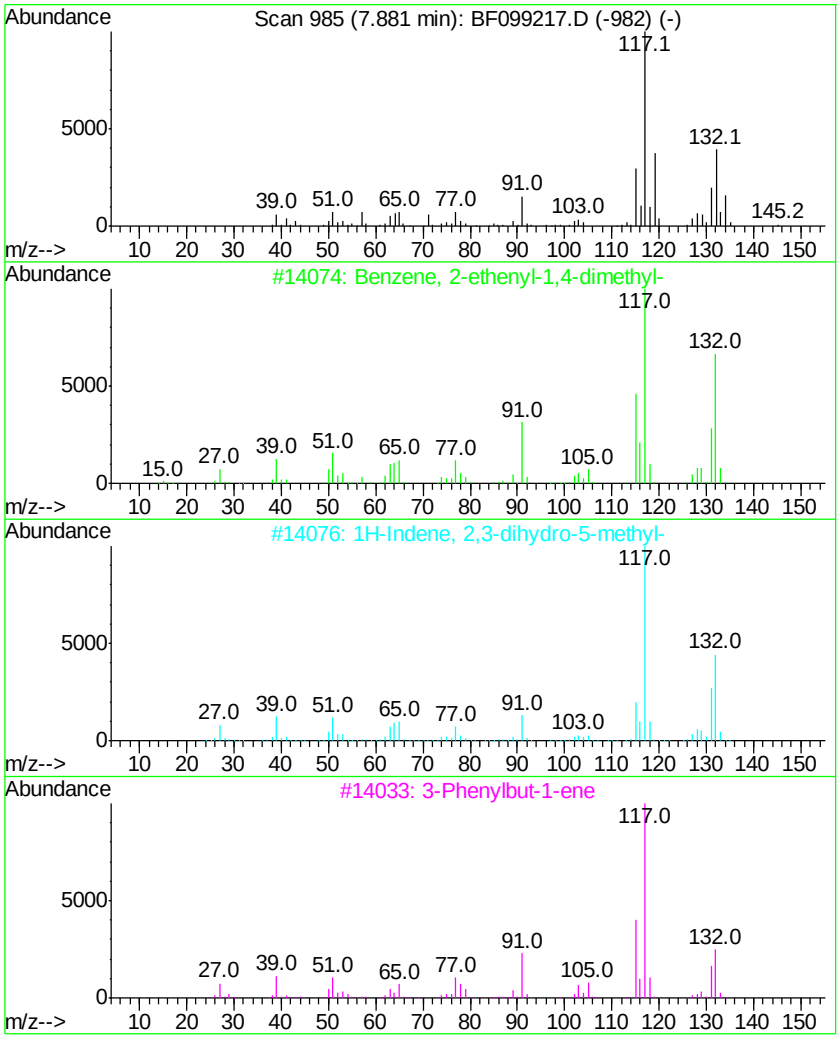
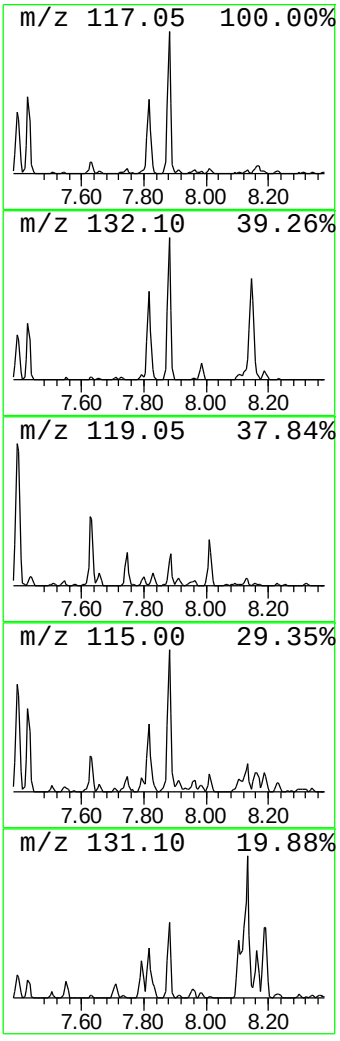
Peak Number 20 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.88	5.61 ng	324115	Naphthalene-d8	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	91
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	90
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	87
4	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	81
5	1-Phenyl-1-butene	132	C10H12	000824-90-8	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100717\
Data File : BF099217.D
Acq On : 8 Oct 2017 3:23
Operator : SJ/JU
Sample : I5530-10 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LB-34(0-0.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Octane	4.50	3.7	ng	126638	1	6.86	692376	20.0
2-Pentanone, 4-hy...	5.07	3.3	ng	113488	1	6.86	692376	20.0
Benzene, 1,3-dime...	5.71	2.7	ng	92236	1	6.86	692376	20.0
Nonane	5.77	3.1	ng	107723	1	6.86	692376	20.0
Decane, 2,6,7-tri...	6.10	2.5	ng	87320	1	6.86	692376	20.0
Benzene, propyl-	6.32	4.5	ng	156506	1	6.86	692376	20.0
Benzene, 1-ethyl-...	6.42	3.1	ng	106797	1	6.86	692376	20.0
unknown6.63	6.63	18.7	ng	646841	1	6.86	692376	20.0
Benzene, 1,2,4-tr...	6.69	8.6	ng	296979	1	6.86	692376	20.0
Mesitylene	6.92	2.5	ng	87554	1	6.86	692376	20.0
Benzene, cyclopro...	7.05	4.0	ng	138209	1	6.86	692376	20.0
Benzene, 1,3-diet...	7.11	5.5	ng	189770	1	6.86	692376	20.0
Benzene, 1-methyl...	7.13	3.9	ng	133728	1	6.86	692376	20.0
Benzene, 1,2-diet...	7.18	10.3	ng	358104	1	6.86	692376	20.0
Benzene, 1,2,4,5-...	7.63	3.8	ng	218303	2	8.15	1154800	20.0
1H-Indene, 2,3-di...	7.82	2.9	ng	167308	2	8.15	1154800	20.0
Benzene, 2-etheny...	7.88	5.6	ng	324115	2	8.15	1154800	20.0