LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040417\
Data File : BF094181.D
Acq On : 4 Apr 2017 21:44
Operator : SJ/MA
Sample : I2516-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-3

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-BF032217.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	1.963	10	13	18	rVB	61351	80529	1.49%	0.134%
2	2.169	42	48	55	rVB4	35288	78897	1.46%	0.131%
3	2.328	70	75	81	rVB2	42801	70736	1.31%	0.118%
4	2.510	103	106	112	rVB3	48856	69213	1.28%	0.115%
5	2.740	136	145	153	rVB5	41400	101573	1.88%	0.169%
6	2.851	155	164	167	rBV2	123255	196836	3.65%	0.327%
7	2.881	167	169	173	rVB2	92990	106460	1.97%	0.177%
8	2.940	173	179	184	rBV	124656	176821	3.28%	0.294%
9	3.275	232	236	240	rVB2	87249	113759	2.11%	0.189%
10	3.393	248	256	259	rBV3	59860	95143	1.76%	0.158%
11	3.546	276	282	286	rVV	100160	129895	2.41%	0.216%
12	3.622	289	295	302	rBV2	177504	223201	4.14%	0.371%
13	4.010	358	361	368	rVB2	403682	510796	9.47%	0.850%
14	4.087	368	374	377	rVB5	84295	122271	2.27%	0.203%
15	4.128	377	381	386	rBV3	51860	71206	1.32%	0.118%
16	4.216	391	396	398	rBV2	40965	62258	1.15%	0.104%
17	4.275	403	406	411	rVB	295886	278381	5.16%	0.463%
18	4.410	420	429	433	rVB	2432690	2466589	45.72%	4.102%
19	4.563	451	455	459	rBV3	69470	91558	1.70%	0.152%
20	4.798	492	495	497	rBV	102102	105992	1.96%	0.176%
21	4.828	497	500	503	rVB2	72508	95087	1.76%	0.158%
22	4.963	519	523	527	rVB2	219605	221265	4.10%	0.368%
23	5.057	532	539	541	rBV5	51488	78775	1.46%	0.131%
24	5.128	546	551	554	rBV3	61290	86598	1.61%	0.144%
25	5.175	554	559	561	rVV3	58290	82364	1.53%	0.137%
26	5.275	574	576	580	rVB	254072	237263	4.40%	0.395%
27	5.351	586	589	592	rVB	188809	159917	2.96%	0.266%
28	5.381	592	594	599	rVB	198132	195521	3.62%	0.325%
29	5.434	599	603	606	rBV	266441	240478	4.46%	0.400%
30	5.481	606	611	615	rVB	1532497	1492632	27.67%	2.482%
31	5.528	615	619	623	rVB	1100301	1001489	18.56%	1.666%
32	5.622	628	635	639	rBV	3572707	4096711	75.93%	6.813%
33	5.681	642	645	650	rVB	847132	839548	15.56%	1.396%
34	5.875	674	678	682	rBV	1099864	1037248	19.23%	1.725%

LSC Area Percent Report

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Operator : SJ/MA
Sample : I2516-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-3

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-BF032217.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	5.916	682	685	687	rVV2	140188	148079	2.74%	0.246%
36	5.945	687	690	693	rVB	431742	381562	7.07%	0.635%
37	6.057	703	709	711	rBV	3266193	3566921	66.11%	5.932%
38	6.081	711	713	717	rVV	998290	959970	17.79%	1.597%
39	6.169	724	728	731	rBV	664950	646953	11.99%	1.076%
40	6.198	731	733	737	rVB	192079	189687	3.52%	0.315%
41	6.251	737	742	745	rBV	565082	637812	11.82%	1.061%
42	6.275	745	746	753	rVB	197377	137833	2.55%	0.229%
43	6.339	753	757	760	rBV	362057	374595	6.94%	0.623%
44	6.422	764	771	774	rBV	334549	368087	6.82%	0.612%
45	6.451	774	776	780	rVV	158677	127748	2.37%	0.212%
46	6.510	780	786	787	rVV2	1947624	2209128	40.95%	3.674%
47	6.528	787	789	799	rVB2	2586302	3251196	60.26%	5.407%
48	6.634	803	807	811	rBV3	132719	175042	3.24%	0.291%
49	6.675	811	814	818	rVB3	267600	293662	5.44%	0.488%
50	6.722	818	822	825	rVB2	48382	66109	1.23%	0.110%
51	6.781	825	832	835	rBV	1059591	1163536	21.57%	1.935%
52	6.810	835	837	841	rVB	536763	525265	9.74%	0.874%
53	6.922	853	856	859	rBV	158499	171788	3.18%	0.286%
54	6.951	859	861	863	rVV	105331	114118	2.12%	0.190%
55	6.992	863	868	871	rVV3	593018	791174	14.66%	1.316%
56	7.016	871	872	876	rVB2	101159	95746	1.77%	0.159%
57	7.075	876	882	887	rBV2	1485540	1925230	35.68%	3.202%
58	7.122	887	890	895	rVV	234538	286307	5.31%	0.476%
59	7.186	895	901	906	rVV5	225579	402929	7.47%	0.670%
60	7.239	906	910	914	rVB	188813	234613	4.35%	0.390%
61	7.381	929	934	937	rBV	1635769	1682792	31.19%	2.799%
62	7.416	937	940	943	rVV2	431867	478189	8.86%	0.795%
63	7.445	943	945	950	rVB	414677	404790	7.50%	0.673%
64	7.504	950	955	960	rBV	189359	197476	3.66%	0.328%
65	7.551	960	963	966	rBV2	93720	111589	2.07%	0.186%
66	7.622	971	975	977	rBV3	63464	86690	1.61%	0.144%
67	7.681	982	985	987	rBV	63551	55879	1.04%	0.093%
68	7.728	987	993	996	rVB2	246829	375594	6.96%	0.625%
69	7.792	1001	1004	1009	rVB3	41361	55897	1.04%	0.093%
70	7.857	1009	1015	1018	rVB	315951	359361	6.66%	0.598%
71	7.898	1018	1022	1025	rBV3	78833	102111	1.89%	0.170%

LSC Area Percent Report

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Operator : SJ/MA
Sample : I2516-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-3

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-BF032217.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	7.957	1027	1032	1036	rBV	263032	267783	4.96%	0.445%
73	7.998	1036	1039	1041	rBV2	66156	65210	1.21%	0.108%
74	8.075	1049	1052	1054	rBV	104691	93214	1.73%	0.155%
75	8.098	1054	1056	1059	rVB2	166342	159510	2.96%	0.265%
76	8.169	1062	1068	1069	rBV3	77474	121824	2.26%	0.203%
77	8.186	1069	1071	1074	rVB	114554	102748	1.90%	0.171%
78	8.233	1075	1079	1082	rBV3	82163	111038	2.06%	0.185%
79	8.280	1082	1087	1090	rVB2	152366	168830	3.13%	0.281%
80	8.363	1095	1101	1104	rBV2	440598	495895	9.19%	0.825%
81	8.422	1104	1111	1112	rBV4	46007	87246	1.62%	0.145%
82	8.539	1127	1131	1135	rBV2	115937	141662	2.63%	0.236%
83	8.598	1138	1141	1146	rVB	106548	105419	1.95%	0.175%
84	8.704	1153	1159	1162	rVB	4542676	5395068	100.00%	8.973%
85	8.798	1170	1175	1180	rBV5	42543	70819	1.31%	0.118%
86	8.892	1186	1191	1195	rBV2	143735	162191	3.01%	0.270%
87	8.992	1204	1208	1210	rBV	116458	110232	2.04%	0.183%
88	9.010	1210	1211	1217	rVB3	77205	93829	1.74%	0.156%
89	9.075	1217	1222	1224	rBV2	82992	102976	1.91%	0.171%
90	9.133	1230	1232	1236	rVB3	58646	68351	1.27%	0.114%
91	9.333	1262	1266	1271	rBV3	68678	92886	1.72%	0.154%
92	9.516	1291	1297	1306	rVB2	1359055	1589518	29.46%	2.644%
93	10.074	1386	1392	1395	rBV3	41241	69501	1.29%	0.116%
94	10.498	1456	1464	1467	rBV	2710532	3282849	60.85%	5.460%
95	10.698	1494	1498	1504	rVB	58601	84473	1.57%	0.140%
96	11.345	1602	1608	1612	rBV	1428981	1478944	27.41%	2.460%
97	13.327	1938	1945	1949	rBV2	4079381	5239068	97.11%	8.713%
98	14.486	2138	2142	2148	rBV2	47176	65480	1.21%	0.109%
99	14.592	2155	2160	2168	rBV	1158639	1263738	23.42%	2.102%
100	16.221	2432	2437	2445	rBV	730308	864891	16.03%	1.438%

Sum of corrected areas: 60127661

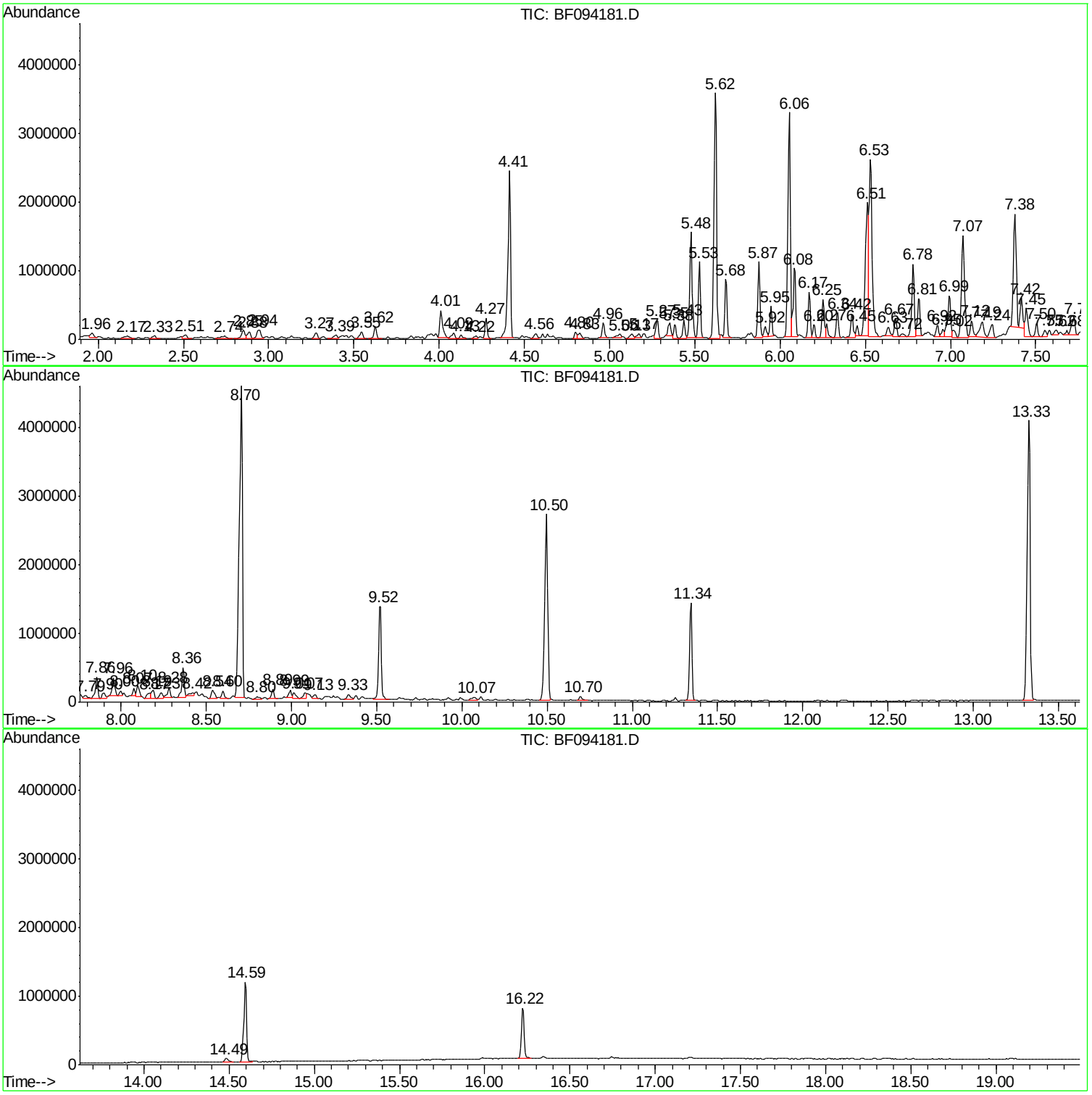
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040417\
Data File : BF094181.D
Acq On : 4 Apr 2017 21:44
Operator : SJ/MA
Sample : I2516-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.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\BF040417\
Data File : BF094181.D
Acq On : 4 Apr 2017 21:44
Operator : SJ/MA
Sample : I2516-10
Misc :
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Instrument : BNA_F
ClientSampleId : MW-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

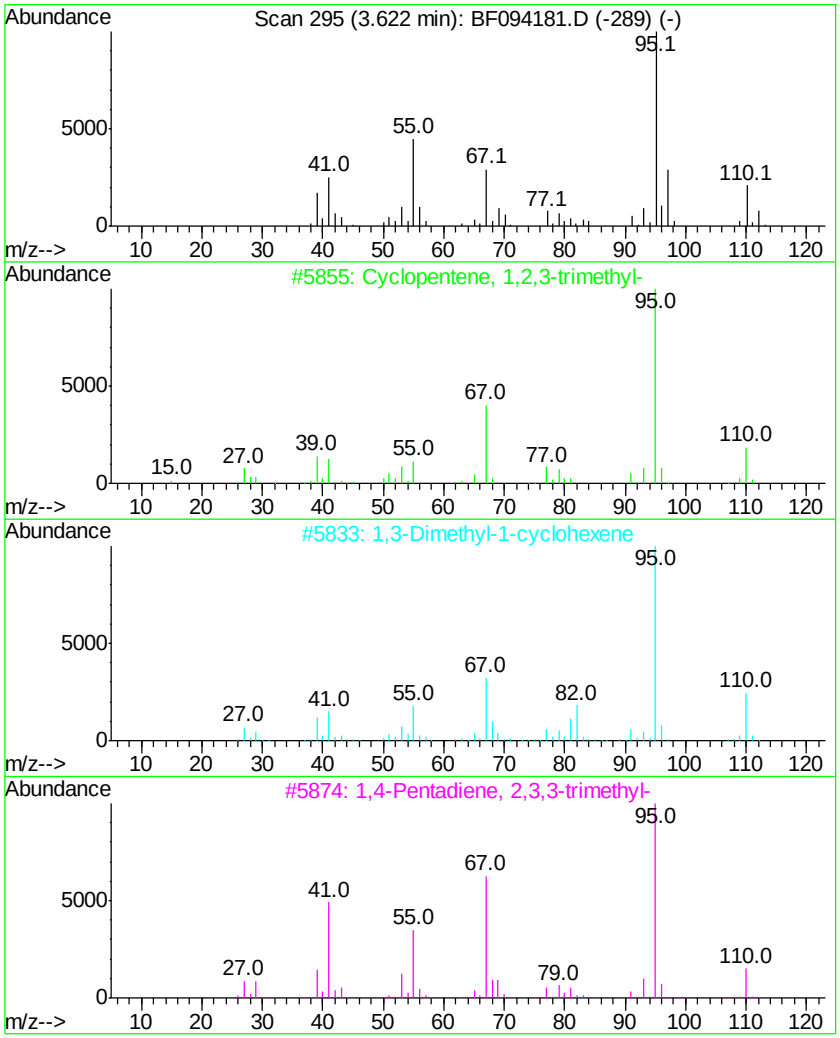
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

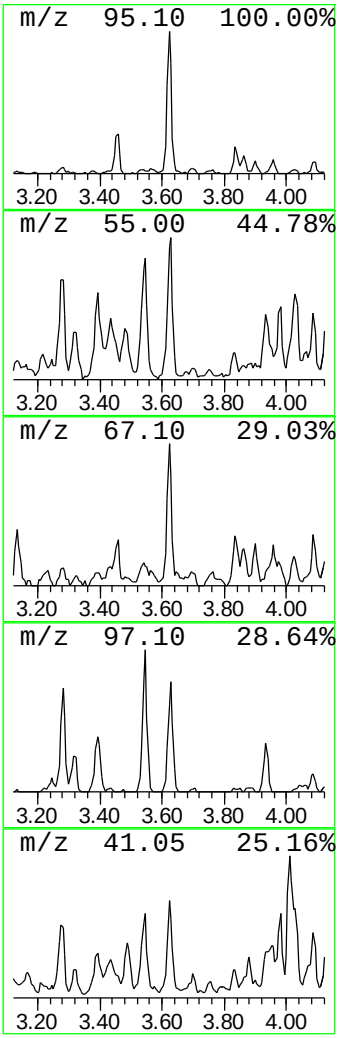
****

Peak Number 1 Cyclopentene, 1,2,3-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.62	4.30 ng	223201	1,4-Dichlorobenzene-d4	5.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene, 1,2,3-trimethyl-	110	C8H14	000473-91-6	70
2	1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	62
3	1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	59
4	Bicyclo[3.1.0]hexane, 1,5-dimethyl-	110	C8H14	1000142-17-5	53
5	2-Isopropylimidazole	110	C6H10N2	036947-68-9	47





Data Path : Z:\HPCHEM1\BNA F\DATA\BF040417\
Data File : BF094181.D
Acq On : 4 Apr 2017 21:44
Operator : SJ/MA
Sample : I2516-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

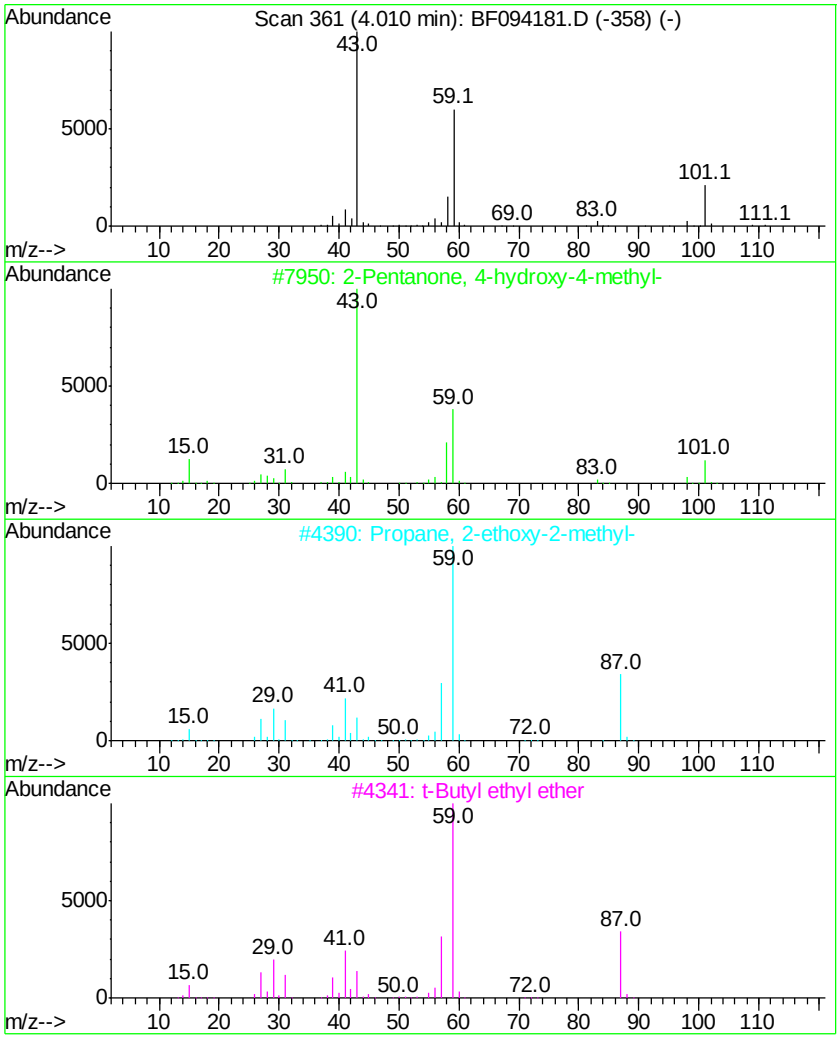
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

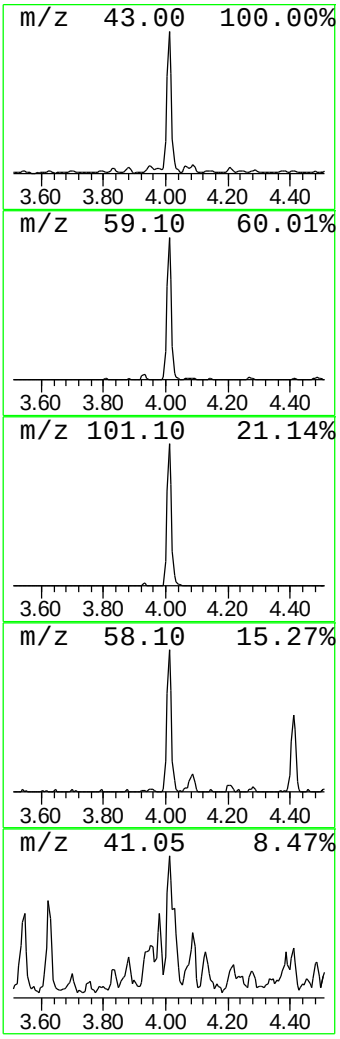
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.01	9.85 ng	510796	1,4-Dichlorobenzene-d4	5.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Propane, 2-ethoxy-2-methyl-	102	C6H14O	000637-92-3	17
3	t-Butyl ethyl ether	102	C6H14O	1000118-18-4	17
4	4-Methoxy-1-pentene	100	C6H12O	098386-09-5	16
5	Propanamide, N-ethyl-	101	C5H11NO	005129-72-6	9





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Sample : I2516-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

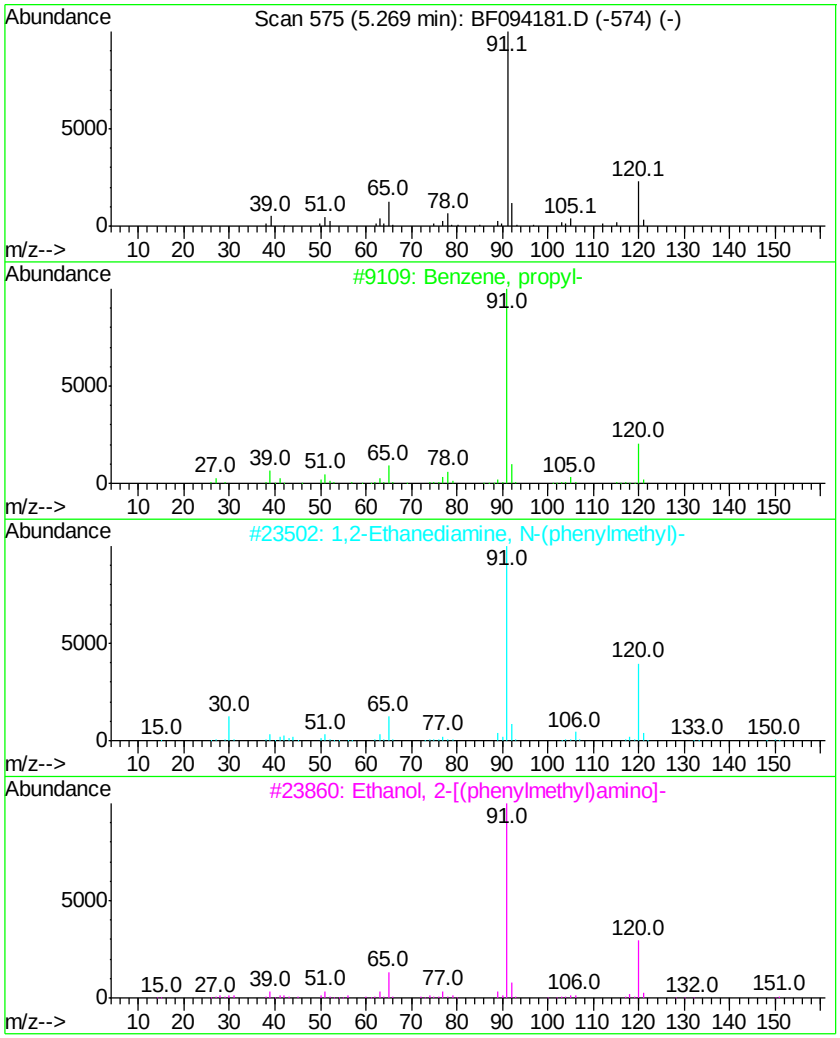
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

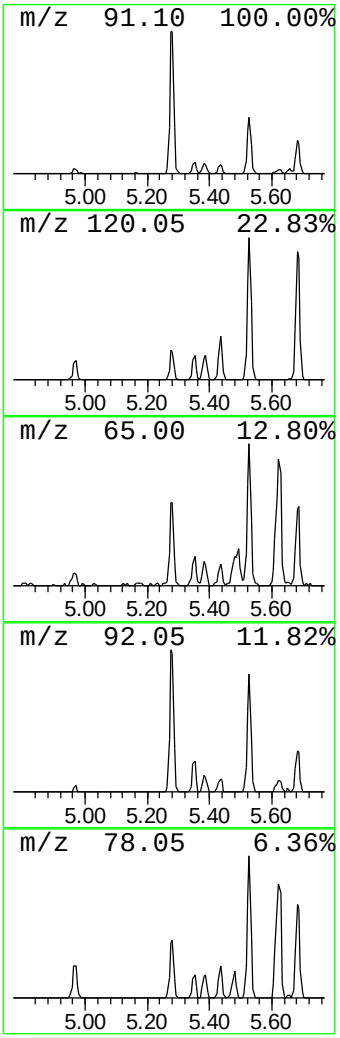
****

Peak Number 4 Benzene, propyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.27	4.57 ng	237263	1,4-Dichlorobenzene-d4	5.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	90
2	1,2-Ethanediamine, N-(phenylmeth...	150	C9H14N2	004152-09-4	72
3	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	72
4	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	72
5	Propanedinitrile, (1-methyl-3-ph...	196	C13H12N2	069564-94-9	47





Data Path : Z:\HPCHEM1\BNA F\DATA\BF040417\
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Acq On : 4 Apr 2017 21:44
Operator : SJ/MA
Sample : I2516-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

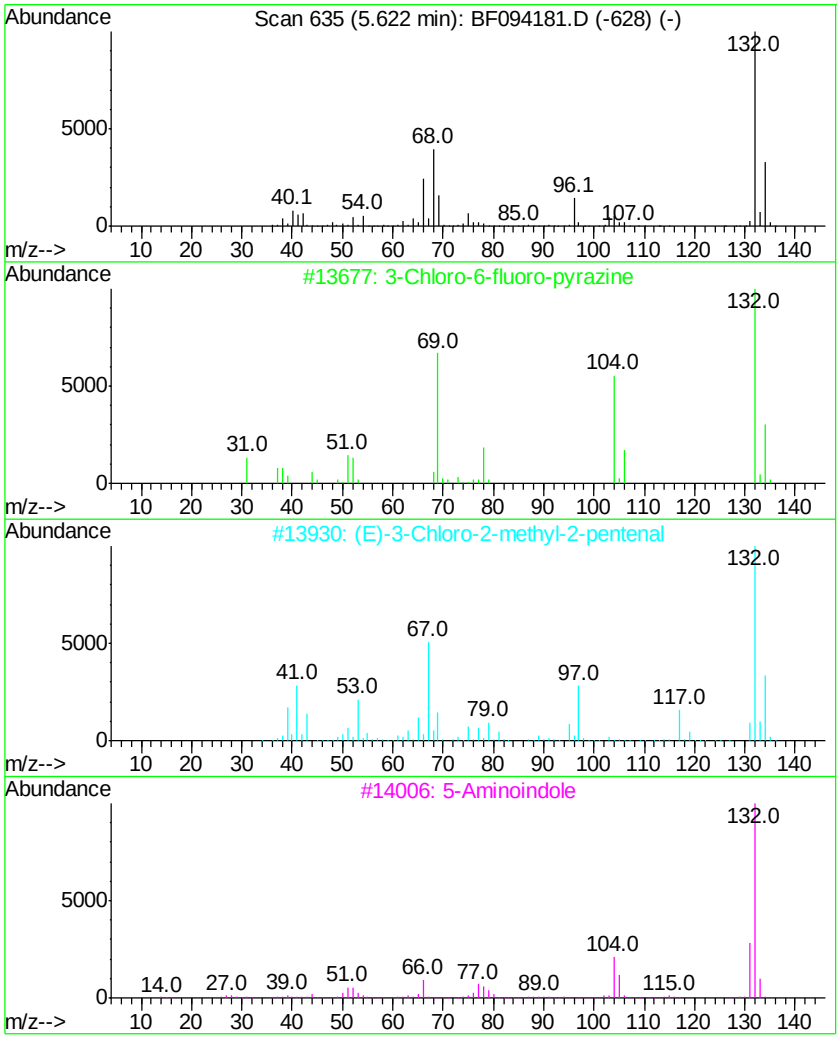
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

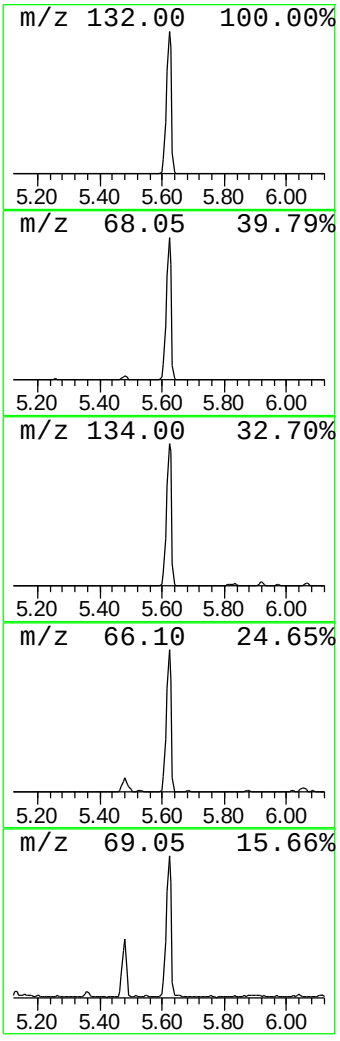
****

Peak Number 5 unknown5.62 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.62	78.99 ng	4096710	1,4-Dichlorobenzene-d4	5.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	27
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040417\
Data File : BF094181.D
Acq On : 4 Apr 2017 21:44
Operator : SJ/MA
Sample : I2516-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

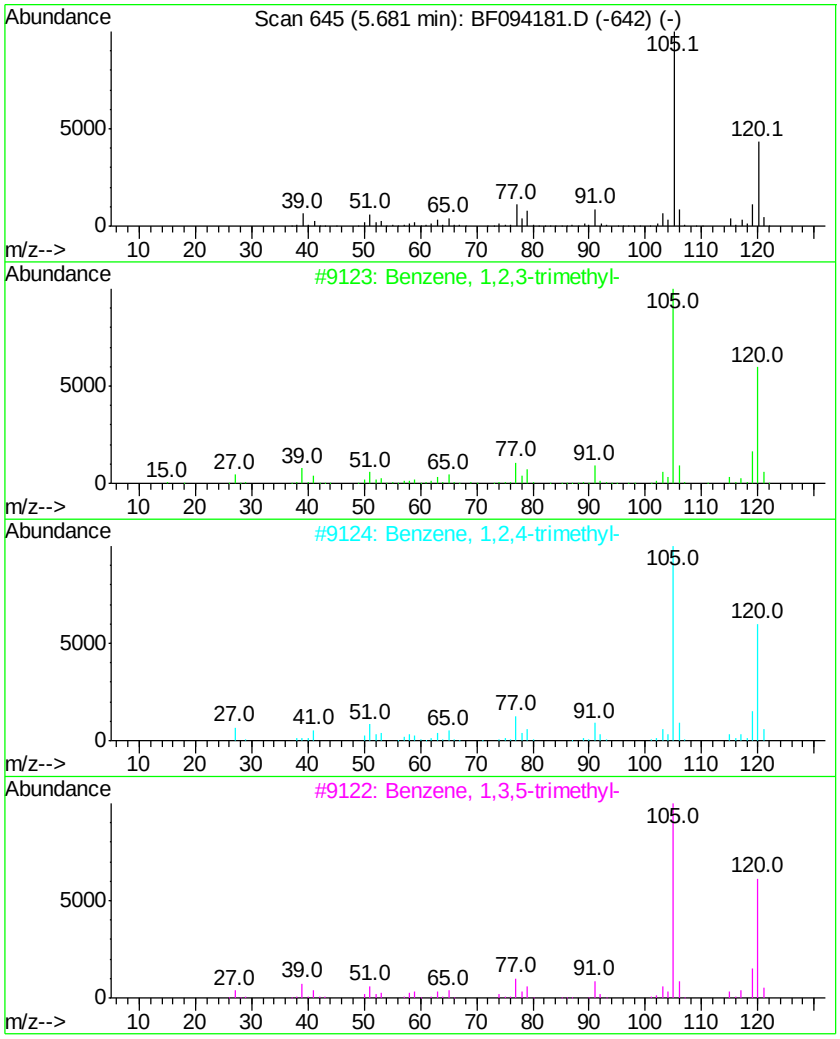
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

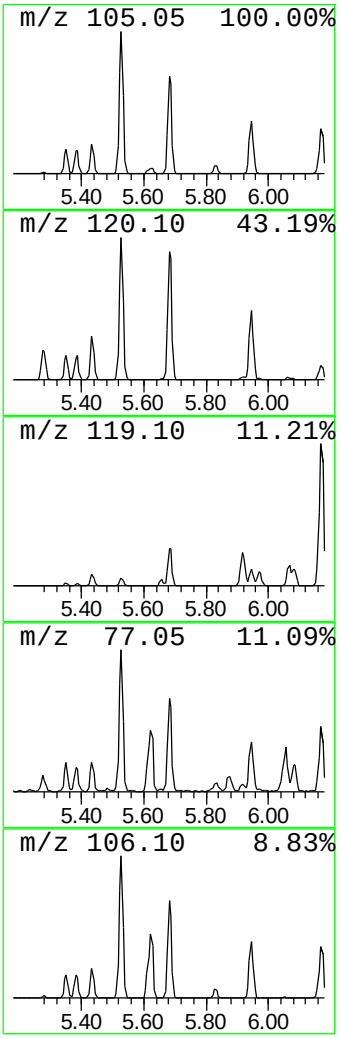
****

Peak Number 6 Benzene, 1,2,3-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.68	16.19 ng	839548	1,4-Dichlorobenzene-d4	5.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
3	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90





Data Path : Z:\HPCHEM1\BNA F\DATA\BF040417\
Data File : BF094181.D
Acq On : 4 Apr 2017 21:44
Operator : SJ/MA
Sample : I2516-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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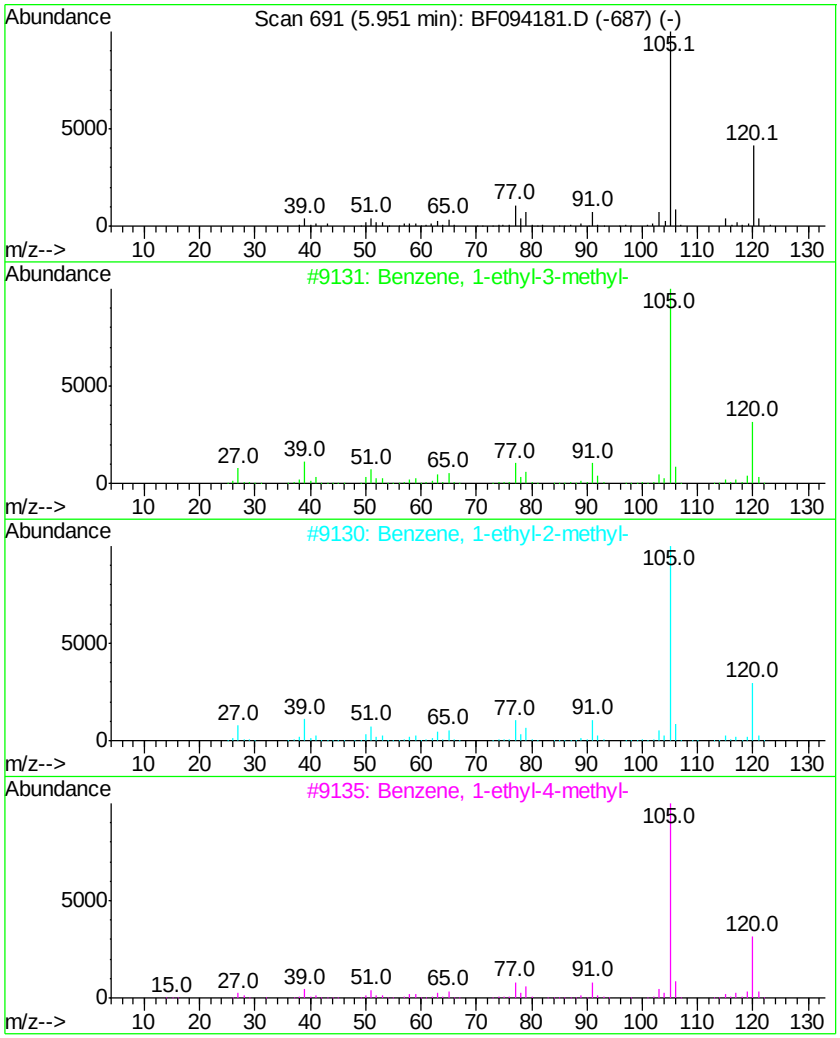
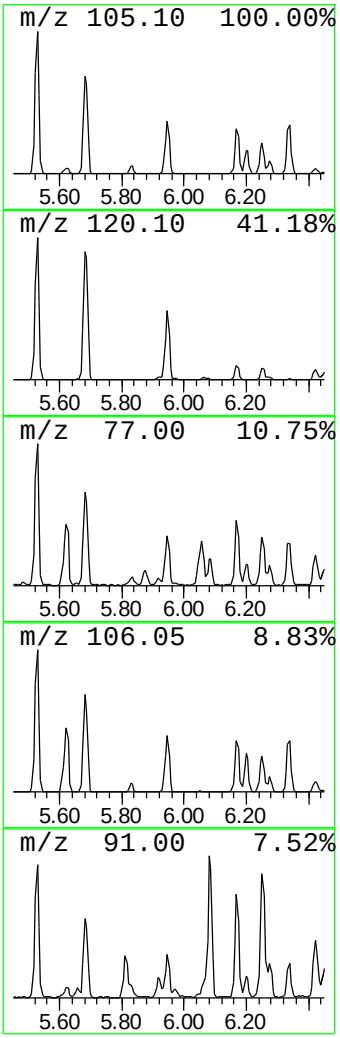
Peak Number 7 Benzene, 1-ethyl-3-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.95	7.36 ng	381562	1,4-Dichlorobenzene-d4	5.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
4	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	90
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90





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Acq On : 4 Apr 2017 21:44
Operator : SJ/MA
Sample : I2516-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-3

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

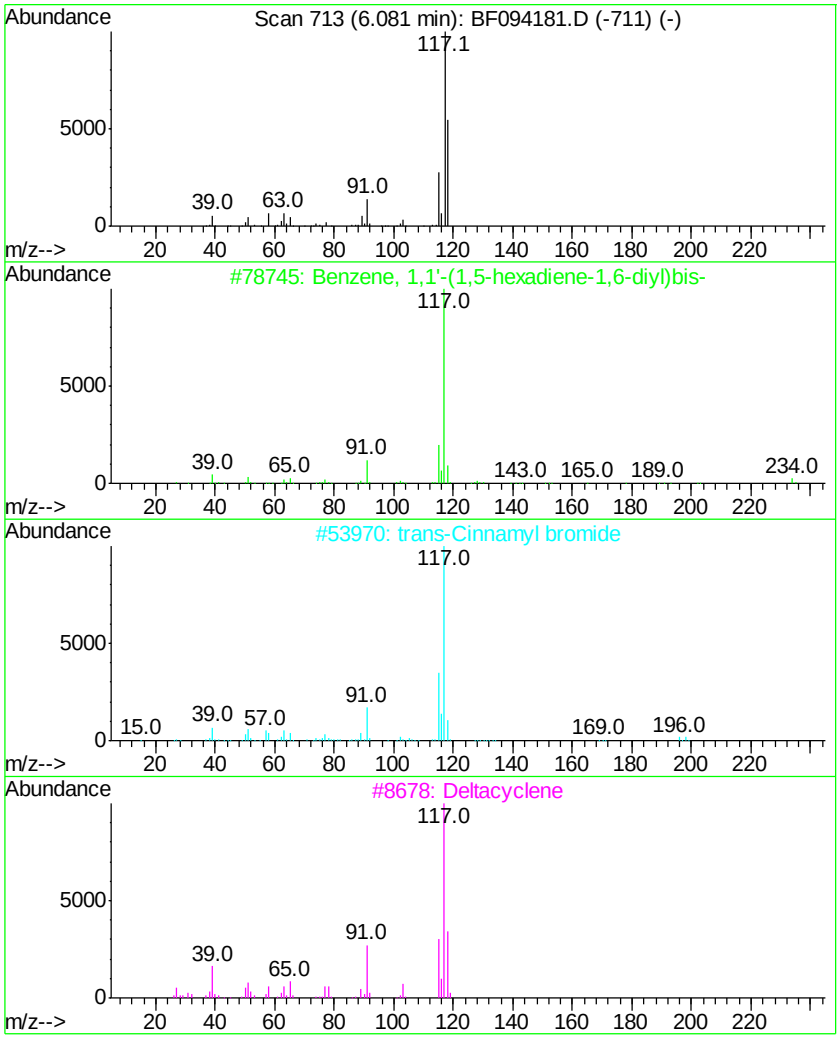
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

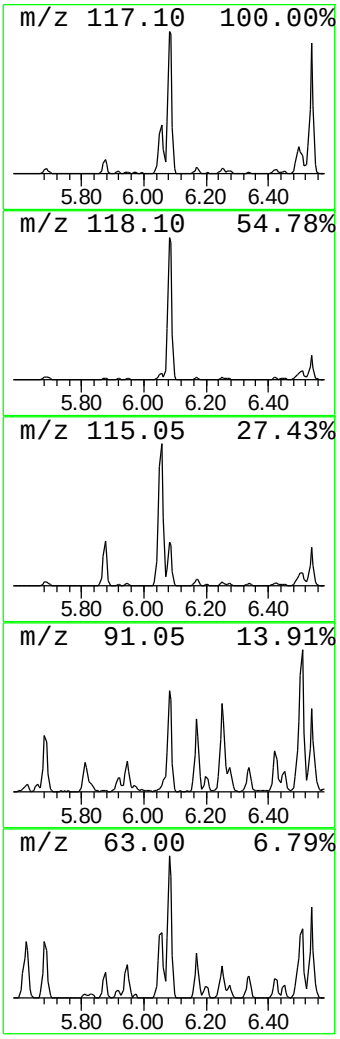
****

Peak Number 9 Benzene, 1,1'-(1,5-hexadien... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.08	18.51 ng	959970	1,4-Dichlorobenzene-d4	5.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,1'-(1,5-hexadiene-1,6...	234	C18H18	004439-45-6	59
2	trans-Cinnamyl bromide	196	C9H9Br	026146-77-0	53
3	Deltacyclene	118	C9H10	007785-10-6	42
4	m-Aminophenylacetylene	117	C8H7N	054060-30-9	37
5	Benzaldehyde, 4-(1-phenyl-2-prop...	238	C16H14O2	1000277-56-1	36





Library Search Compound Report

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Sample : I2516-10
Misc :
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Instrument : BNA_F
ClientSampleId : MW-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

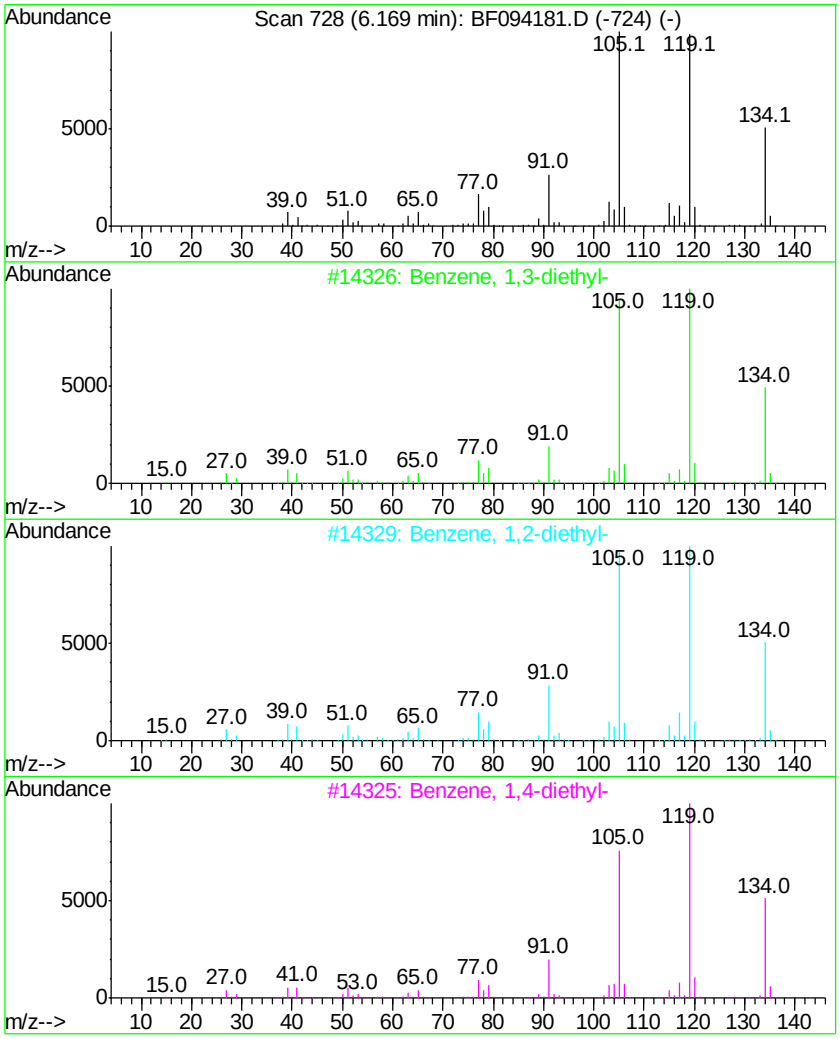
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

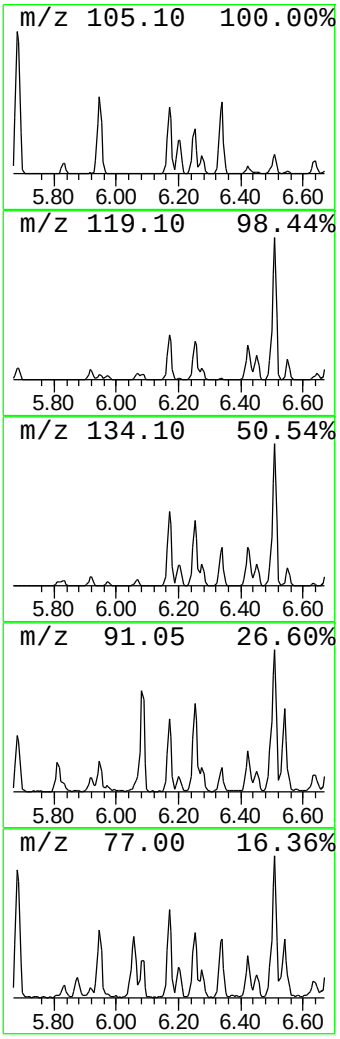
****

Peak Number 10 Benzene, 1,3-diethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.17	12.47 ng	646953	1,4-Dichlorobenzene-d4	5.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	97
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	97
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91





Library Search Compound Report

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Sample : I2516-10
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Instrument : BNA_F
ClientSampleId : MW-3

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

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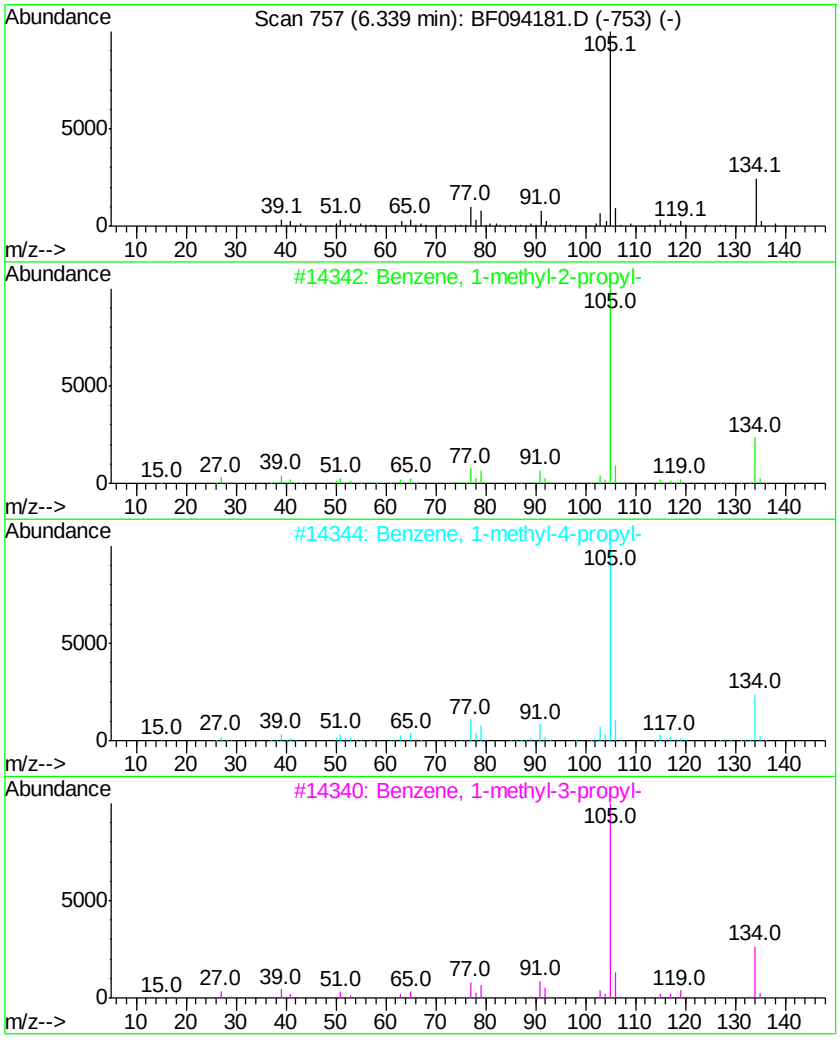
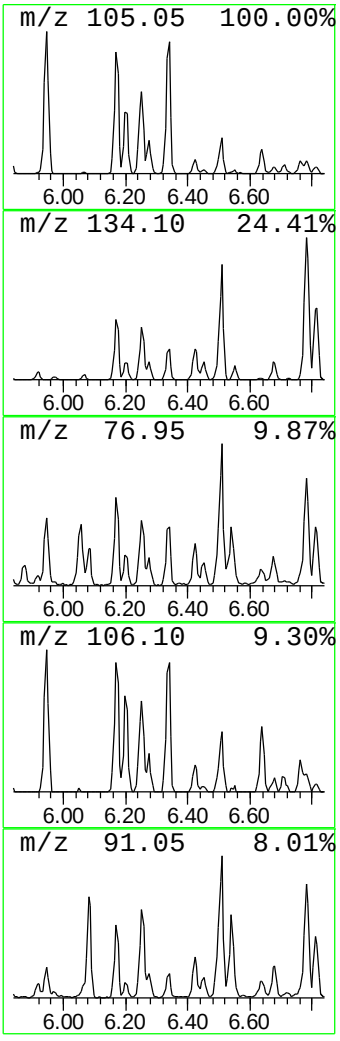
Peak Number 12 Benzene, 1-methyl-2-propyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.34	7.22 ng	374595	1,4-Dichlorobenzene-d4	5.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	94
2	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	93
3	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	90
4	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	87
5	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	83





Library Search Compound Report

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Sample : I2516-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-3

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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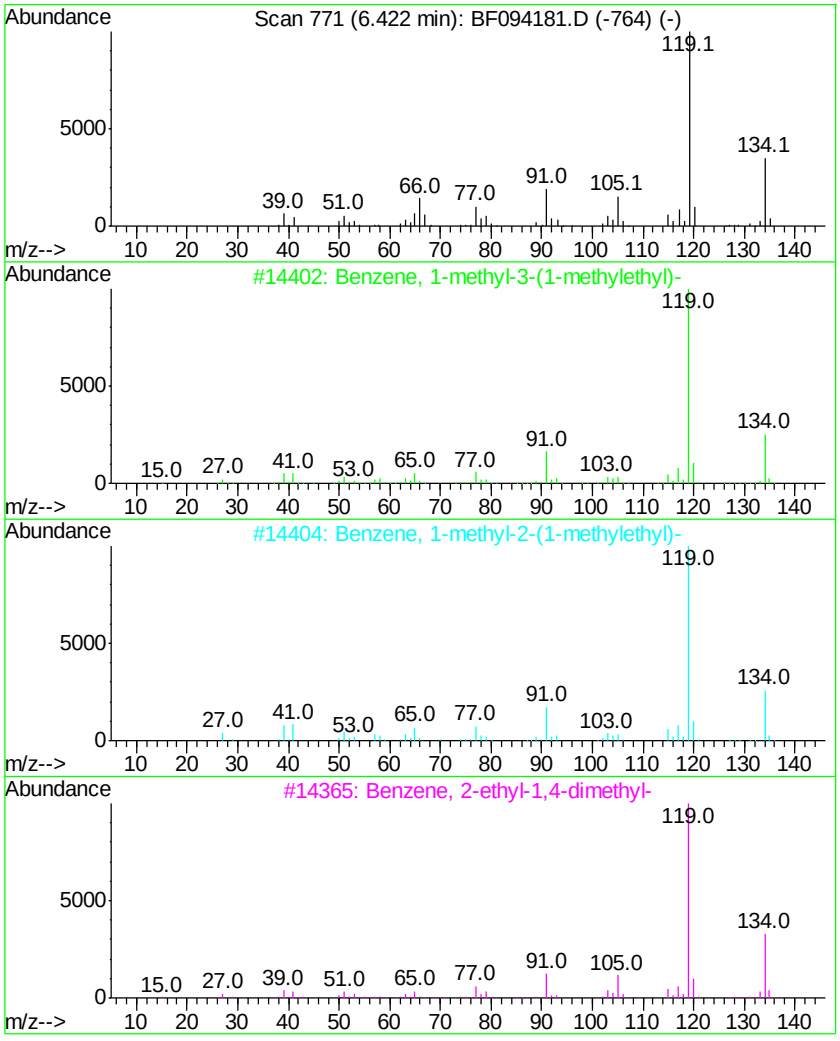
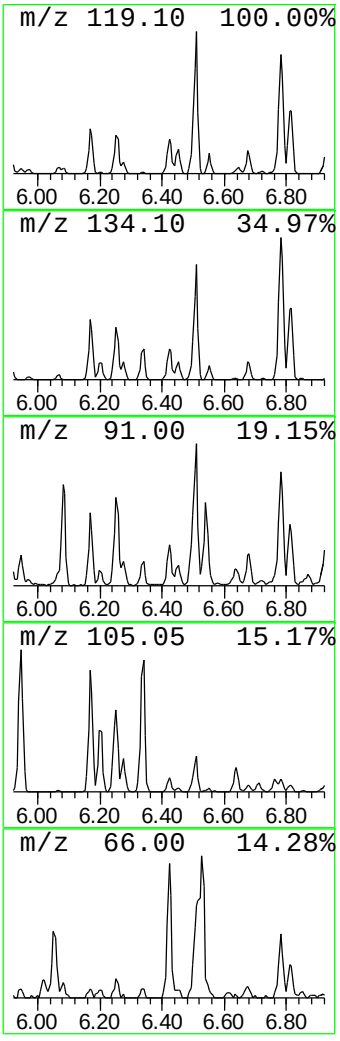
Peak Number 13 Benzene, 1-methyl-3-(1-meth... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.42	7.10 ng	368087	1,4-Dichlorobenzene-d4	5.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
2	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	95
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	93
5	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	91





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Sample : I2516-10
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ALS Vial : 14 Sample Multiplier: 1

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ClientSampleId : MW-3

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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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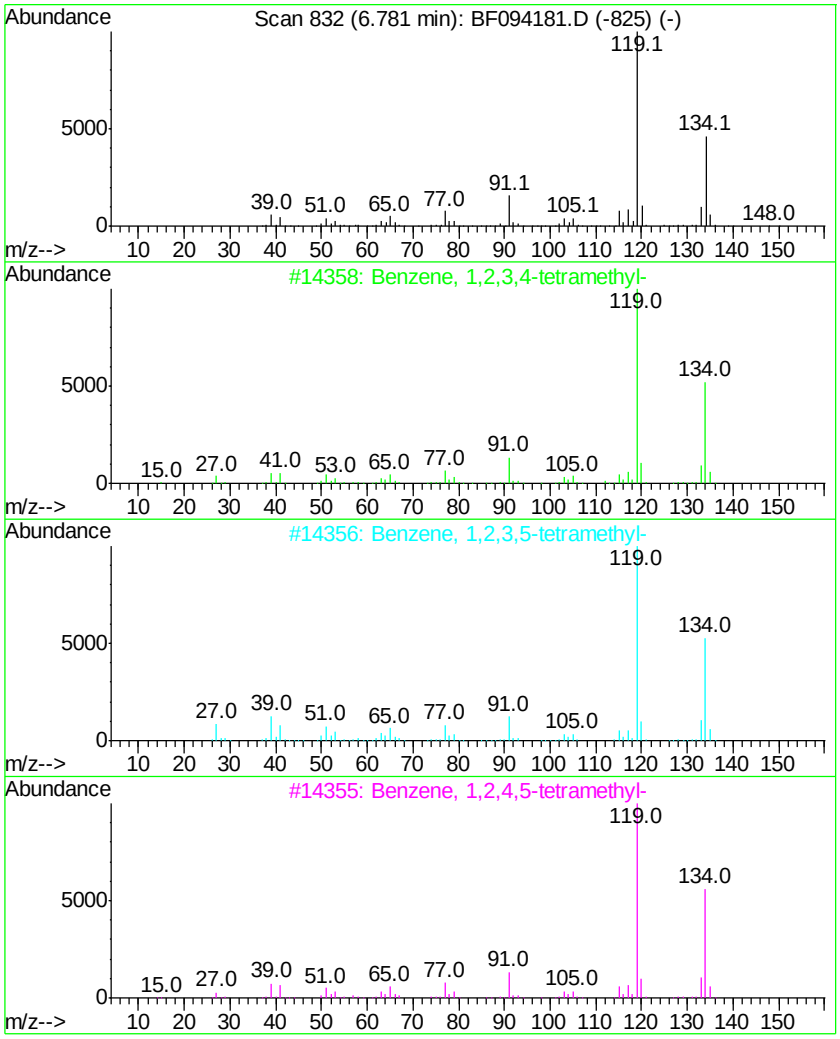
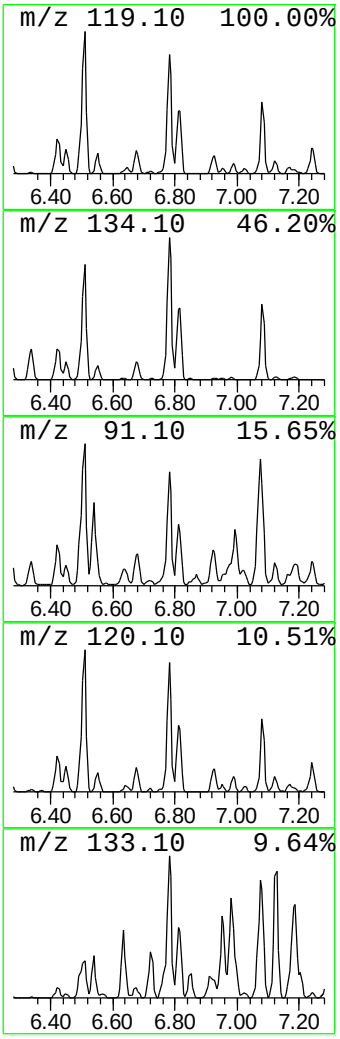
Peak Number 14 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.78	13.83 ng	1163540	Naphthalene-d8	7.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	97
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	93





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Sample : I2516-10
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ClientSampleId : MW-3

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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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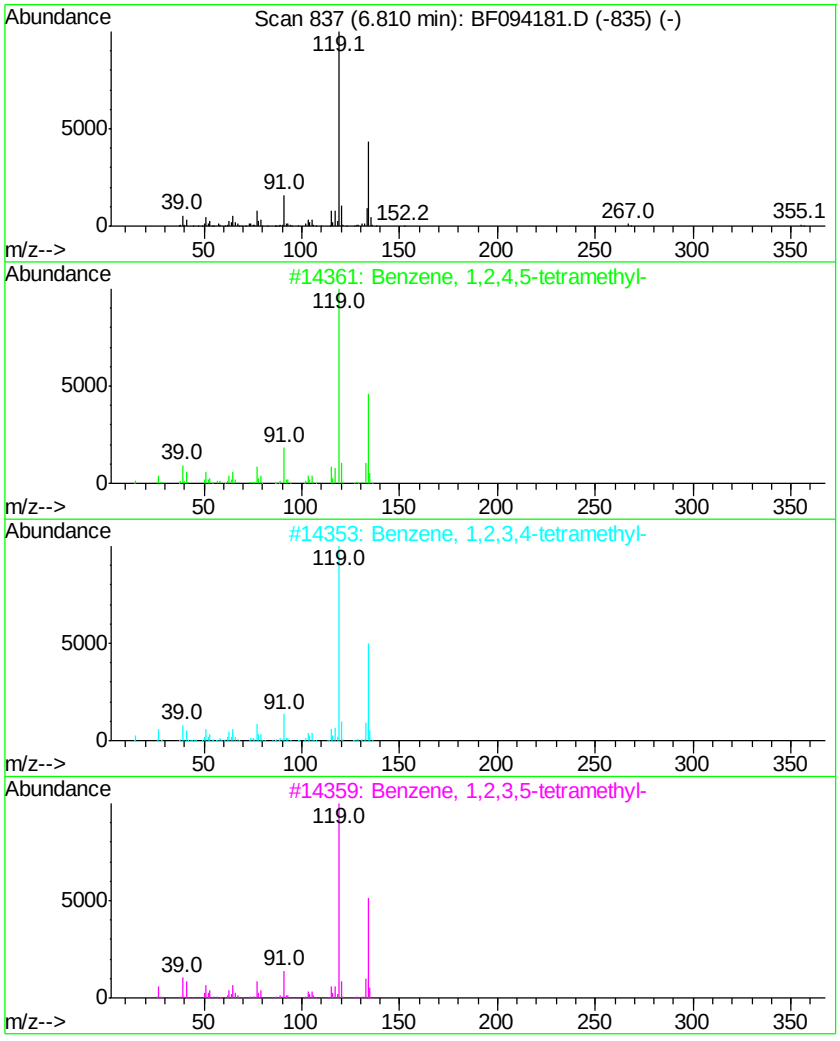
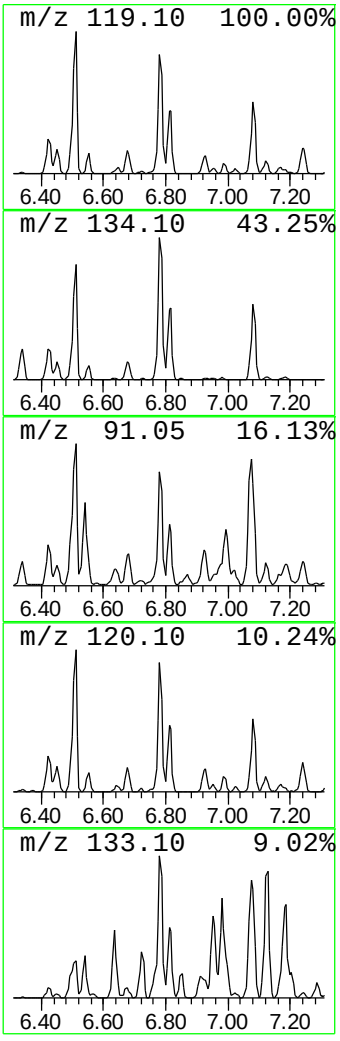
Peak Number 15 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.81	6.24 ng	525265	Naphthalene-d8	7.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91





Library Search Compound Report

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Sample : I2516-10
Misc :
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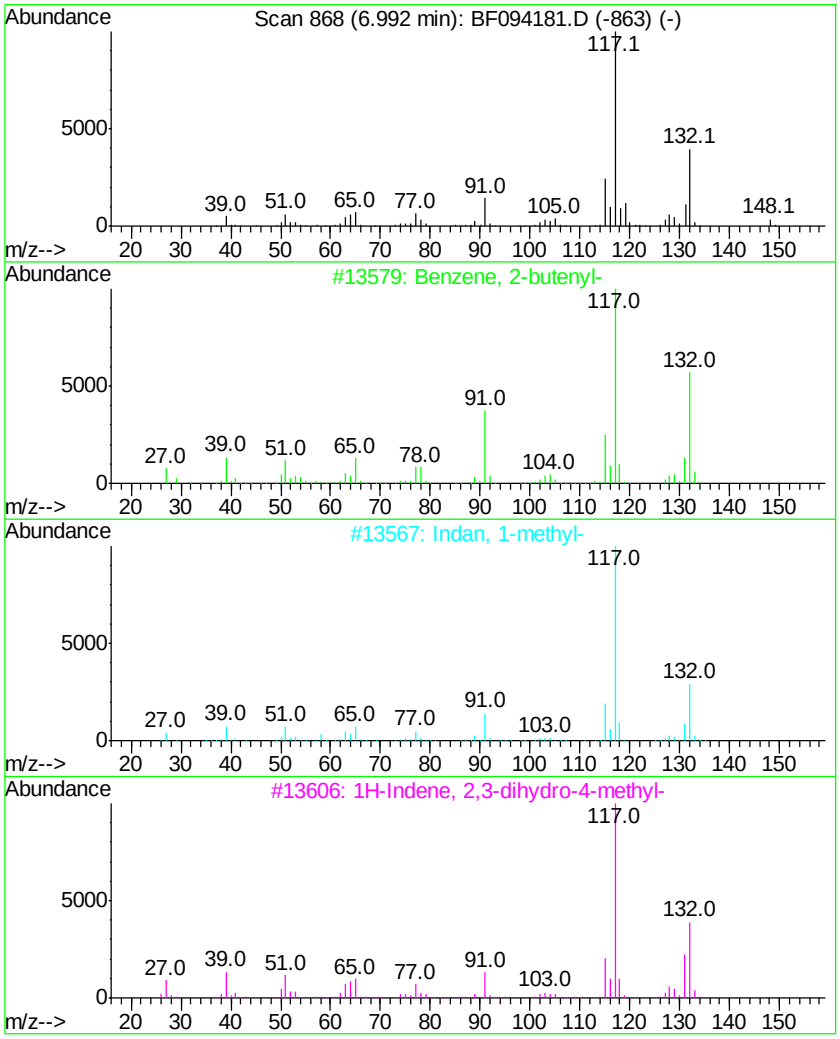
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

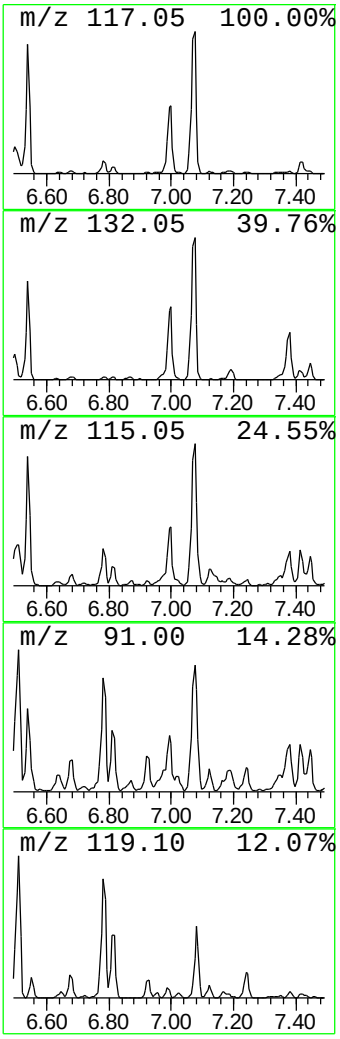
****

Peak Number 16 Benzene, 2-butenyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.99	9.40 ng	791174	Naphthalene-d8	7.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-butenyl-	132	C10H12	001560-06-1	90
2	Indan, 1-methyl-	132	C10H12	000767-58-8	90
3	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	87
4	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	87
5	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	86





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Instrument : BNA_F
ClientSampleId : MW-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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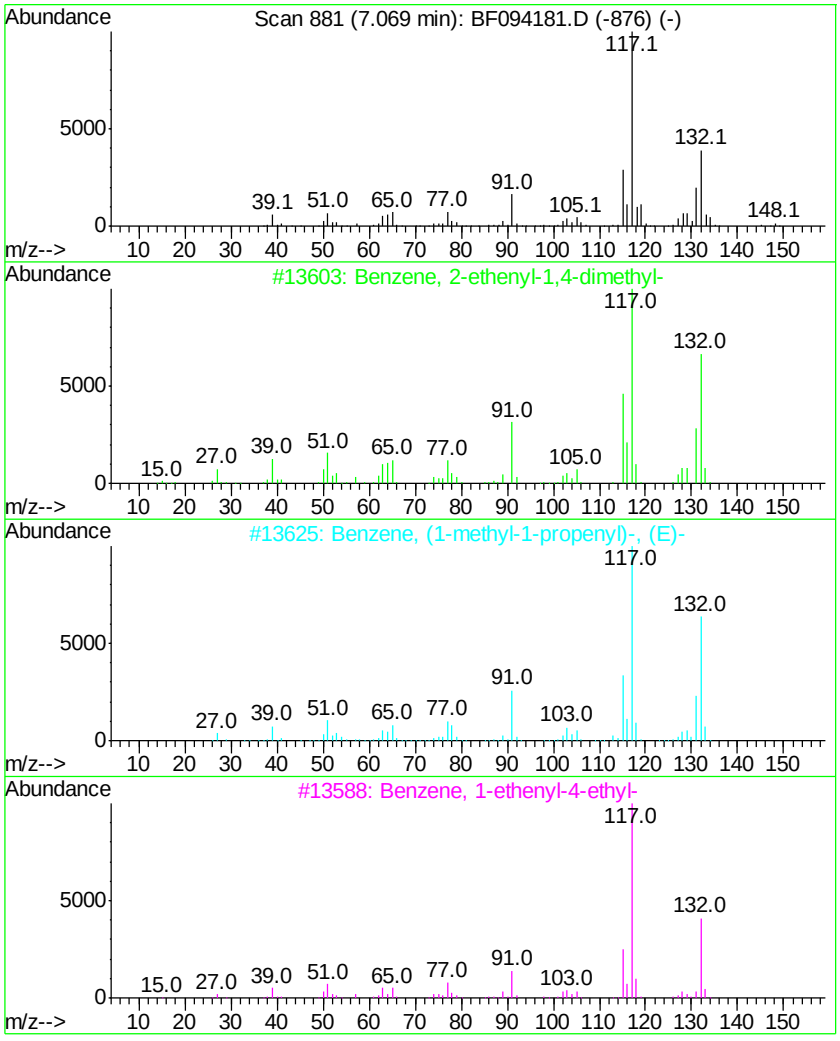
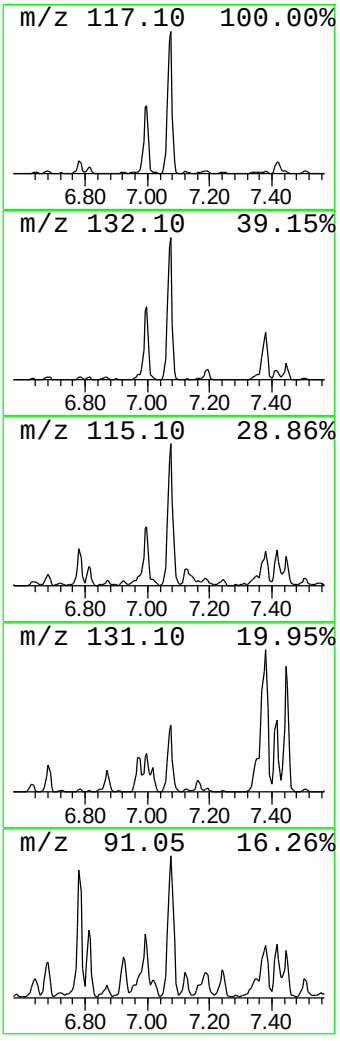
Peak Number 17 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.07	22.88 ng	1925230	Naphthalene-d8	7.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	96
2	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	80
3	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	76
4	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	74
5	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	74





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Instrument : BNA_F
ClientSampleId : MW-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.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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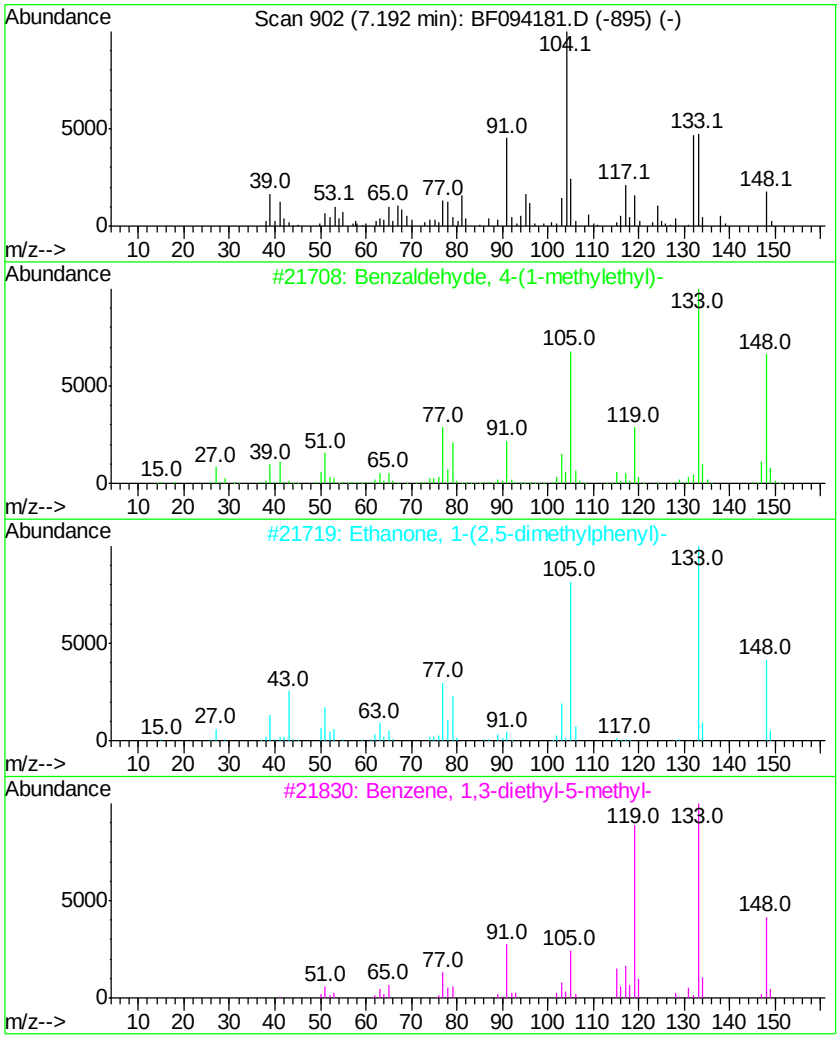
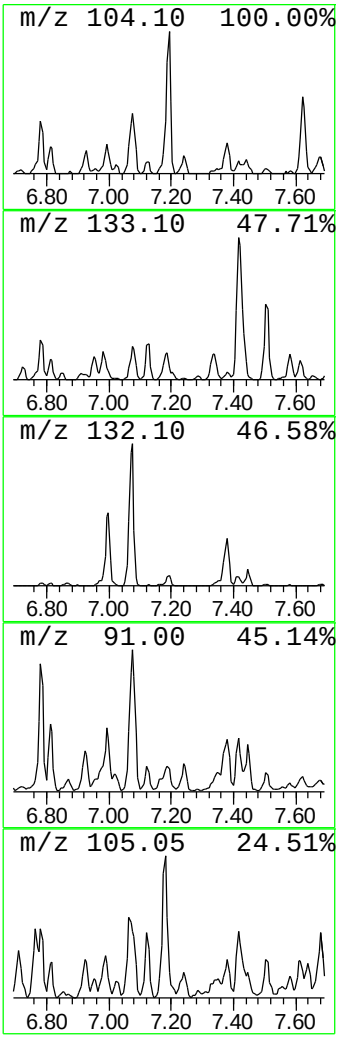
Peak Number 18 Benzaldehyde, 4-(1-methylet... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.19	4.79 ng	402929	Naphthalene-d8	7.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 4-(1-methylethyl)-	148	C10H12O	000122-03-2	70
2	Ethanone, 1-(2,5-dimethylphenyl)-	148	C10H12O	002142-73-6	55
3	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	53
4	Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	52
5	Ethanone, 1-(3,4-dimethylphenyl)-	148	C10H12O	003637-01-2	49





Library Search Compound Report

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

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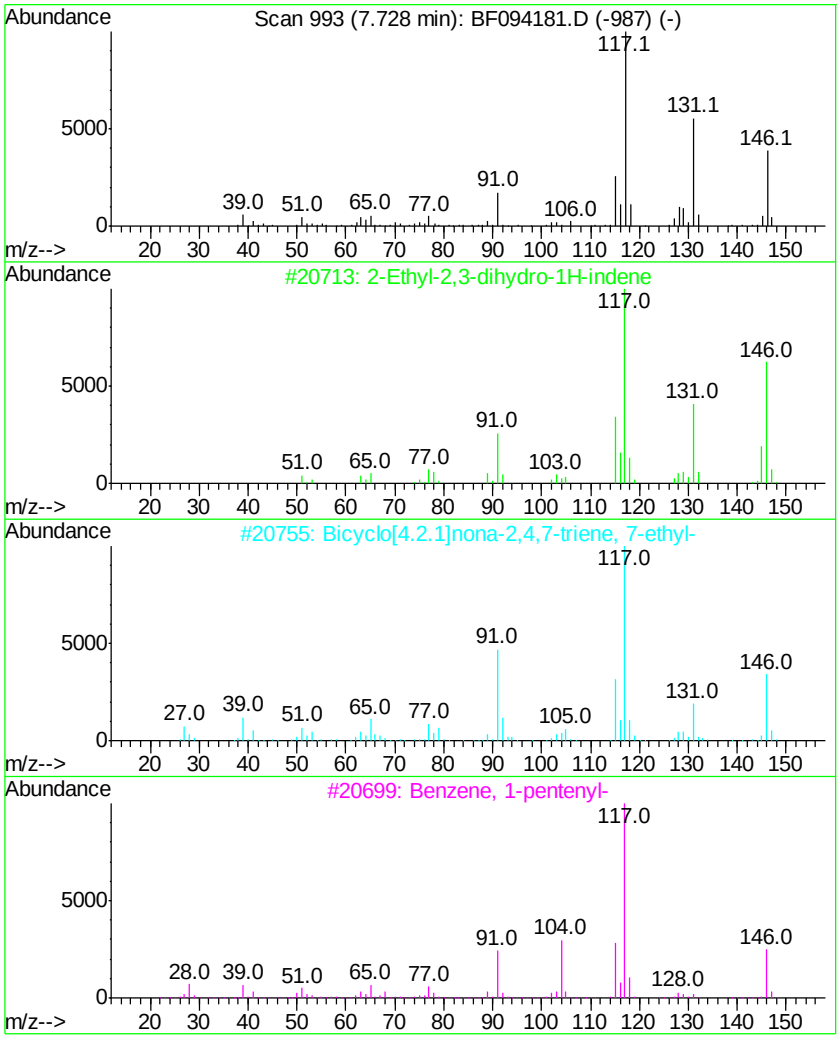
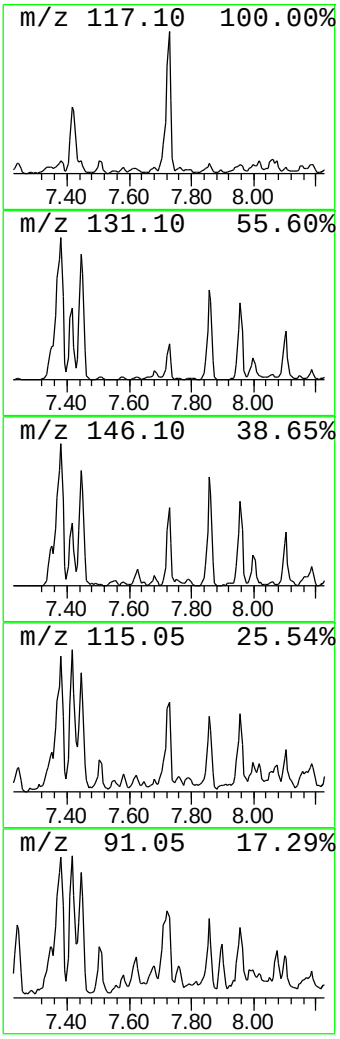
Peak Number 19 2-Ethyl-2,3-dihydro-1H-indene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.73	4.46 ng	375594	Naphthalene-d8	7.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Ethyl-2,3-dihydro-1H-indene	146	C11H14	056147-63-8	87
2	Bicyclo[4.2.1]nona-2,4,7-triene,...	146	C11H14	1000164-42-6	72
3	Benzene, 1-pentenyl-	146	C11H14	000826-18-6	64
4	1H-Indene, 1-ethyl-2,3-dihydro-	146	C11H14	004830-99-3	64
5	Benzene, cyclopentyl-	146	C11H14	000700-88-9	53





Tentatively Identified Compound (LSC) summary

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Data File : BF094181.D
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Sample : I2516-10
Misc :
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ClientSampleId : MW-3

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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
Cyclopentene, 1,2...	3.62	4.3	ng	223201	1	5.87	1037250	20.0
2-Pentanone, 4-hy...	4.01	9.8	ng	510796	1	5.87	1037250	20.0
Benzene, propyl-	5.27	4.6	ng	237263	1	5.87	1037250	20.0
unknown5.62	5.62	79.0	ng	4096710	1	5.87	1037250	20.0
Benzene, 1,2,3-tr...	5.68	16.2	ng	839548	1	5.87	1037250	20.0
Benzene, 1-ethyl-...	5.95	7.4	ng	381562	1	5.87	1037250	20.0
Benzene, 1,1'-(1,...	6.08	18.5	ng	959970	1	5.87	1037250	20.0
Benzene, 1,3-diet...	6.17	12.5	ng	646953	1	5.87	1037250	20.0
Benzene, 1-methyl...	6.34	7.2	ng	374595	1	5.87	1037250	20.0
Benzene, 1-methyl...	6.42	7.1	ng	368087	1	5.87	1037250	20.0
Benzene, 1,2,3,4-...	6.78	13.8	ng	1163540	2	7.38	1682790	20.0
Benzene, 1,2,4,5-...	6.81	6.2	ng	525265	2	7.38	1682790	20.0
Benzene, 2-butenyl-	6.99	9.4	ng	791174	2	7.38	1682790	20.0
Benzene, 2-etheny...	7.07	22.9	ng	1925230	2	7.38	1682790	20.0
Benzaldehyde, 4-(...	7.19	4.8	ng	402929	2	7.38	1682790	20.0
2-Ethyl-2,3-dihyd...	7.73	4.5	ng	375594	2	7.38	1682790	20.0