LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120116\
Data File : BF091380.D
Acq On : 1 Dec 2016 18:39
Operator : UM/SJ
Sample : H5801-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PMW-1A-112916

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-BF112916.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.413	8	11	15	rVB2	68375	176988	2.63%	0.225%
2	2.607	25	28	34	rVB2	51737	118094	1.76%	0.150%
3	2.870	37	51	55	rBV	222481	640951	9.53%	0.817%
4	3.087	66	70	75	rVB2	40229	99436	1.48%	0.127%
5	3.236	75	83	90	rBV2	90522	276275	4.11%	0.352%
6	3.430	93	100	103	rBV3	68906	213130	3.17%	0.272%
7	3.498	103	106	109	rVB	102096	179982	2.68%	0.229%
8	3.590	109	114	117	rBV2	59488	143189	2.13%	0.182%
9	3.738	123	127	130	rVB	42414	89254	1.33%	0.114%
10	3.830	130	135	138	rVV2	204569	424495	6.31%	0.541%
11	3.898	138	141	144	rVV2	72767	133011	1.98%	0.169%
12	3.967	144	147	150	rVB2	62882	113572	1.69%	0.145%
13	4.116	155	160	162	rBV2	209703	351333	5.22%	0.448%
14	4.173	162	165	170	rVB3	71476	147098	2.19%	0.187%
15	4.264	170	173	176	rBV2	130449	269305	4.00%	0.343%
16	4.321	176	178	180	rVV3	68188	150706	2.24%	0.192%
17	4.356	180	181	183	rVB	62860	81684	1.21%	0.104%
18	4.470	188	191	194	rBV2	316236	521757	7.76%	0.665%
19	4.573	196	200	205	rBV	486904	696380	10.36%	0.887%
20	4.733	211	214	217	rBV3	53172	89594	1.33%	0.114%
21	4.824	220	222	224	rBV	107946	185481	2.76%	0.236%
22	4.859	224	225	227	rVV	126650	136891	2.04%	0.174%
23	4.904	227	229	230	rVV2	107474	129103	1.92%	0.164%
24	4.939	230	232	234	rVV2	133557	239109	3.56%	0.305%
25	4.996	234	237	239	rVV2	254983	431782	6.42%	0.550%
26	5.041	239	241	244	rVV	752150	996331	14.82%	1.269%
27	5.121	244	248	250	rVV2	110993	288549	4.29%	0.368%
28	5.167	250	252	257	rVV3	108903	239820	3.57%	0.306%
29	5.259	257	260	261	rVV	199544	236283	3.51%	0.301%
30	5.316	261	265	268	rVV2	235768	492406	7.32%	0.627%
31	5.396	268	272	273	rVV3	77700	169600	2.52%	0.216%
32	5.453	273	277	280	rVB2	2731622	3956522	58.83%	5.041%
33	5.544	280	285	286	rBV	123120	222311	3.31%	0.283%
34	5.567	286	287	290	rVV3	80414	117669	1.75%	0.150%

LSC Area Percent Report

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Acq On : 1 Dec 2016 18:39
Operator : UM/SJ
Sample : H5801-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PMW-1A-112916

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-BF112916.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	5.624	290	292	294	rVV2	174950	277948	4.13%	0.354%
36	5.670	294	296	297	rVV	85825	110801	1.65%	0.141%
37	5.693	297	298	299	rVV	238538	234300	3.48%	0.299%
38	5.727	299	301	302	rVV2	146499	210428	3.13%	0.268%
39	5.773	302	305	308	rVB3	84891	144822	2.15%	0.185%
40	5.876	311	314	316	rBV	185362	315679	4.69%	0.402%
41	5.933	316	319	320	rVB	57906	81942	1.22%	0.104%
42	6.013	324	326	328	rBV2	299945	405967	6.04%	0.517%
43	6.104	331	334	338	rVB5	126956	347463	5.17%	0.443%
44	6.173	338	340	342	rBV3	82161	168171	2.50%	0.214%
45	6.276	348	349	350	rVV	94096	107344	1.60%	0.137%
46	6.322	350	353	354	rVV	368479	492515	7.32%	0.627%
47	6.379	356	358	360	rVV	964218	1270390	18.89%	1.618%
48	6.413	360	361	363	rVV	1015750	830559	12.35%	1.058%
49	6.482	363	367	369	rVV2	2033281	2245224	33.39%	2.860%
50	6.539	369	372	375	rVV	480696	694219	10.32%	0.884%
51	6.630	377	380	382	rBV	3833723	4854417	72.19%	6.185%
52	6.687	382	385	387	rVB	3291769	2837349	42.19%	3.615%
53	6.802	393	395	398	rBV2	157951	251206	3.74%	0.320%
54	6.859	398	400	402	rVV	1342988	1192779	17.74%	1.520%
55	6.893	402	403	404	rVV	260043	208026	3.09%	0.265%
56	6.916	404	405	411	rVB2	614615	681108	10.13%	0.868%
57	7.019	411	414	415	rBV	4300837	4361259	64.85%	5.556%
58	7.042	415	416	418	rVB	345593	245157	3.65%	0.312%
59	7.110	420	422	423	rBV	425385	406196	6.04%	0.518%
60	7.145	423	425	426	rVB	405246	465274	6.92%	0.593%
61	7.179	426	428	433	rBV	786688	1011358	15.04%	1.288%
62	7.259	433	435	437	rBV	470966	441135	6.56%	0.562%
63	7.327	439	441	442	rVV	517952	520347	7.74%	0.663%
64	7.419	445	449	452	rVB2	2609496	5247546	78.03%	6.685%
65	7.510	455	457	459	rBV2	297194	325887	4.85%	0.415%
66	7.545	459	460	462	rBV2	235274	279318	4.15%	0.356%
67	7.636	465	468	469	rBV	660605	728676	10.84%	0.928%
68	7.659	469	470	472	rVB	921411	729459	10.85%	0.929%
69	7.716	472	475	476	rVB2	70118	91268	1.36%	0.116%
70	7.750	476	478	479	rBV2	152082	180075	2.68%	0.229%
71	7.773	479	480	481	rVV	170378	156017	2.32%	0.199%

LSC Area Percent Report

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Acq On : 1 Dec 2016 18:39
Operator : UM/SJ
Sample : H5801-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PMW-1A-112916

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	7.819	481	484	487	rVB3	631520	995580	14.80%	1.268%
73	7.887	487	490	491	rBV2	936997	1199659	17.84%	1.528%
74	7.922	491	493	494	rVV	220477	264225	3.93%	0.337%
75	7.967	494	497	500	rVB2	196694	370752	5.51%	0.472%
76	8.013	500	501	503	rVB	148592	153111	2.28%	0.195%
77	8.093	506	508	509	rBV2	125710	200725	2.98%	0.256%
78	8.139	509	512	519	rVB2	1659929	3158119	46.96%	4.023%
79	8.242	519	521	522	rVB	77127	101193	1.50%	0.129%
80	8.322	525	528	529	rBV2	58171	123061	1.83%	0.157%
81	8.425	533	537	540	rVB3	149707	251794	3.74%	0.321%
82	8.527	545	546	549	rVV	157910	176321	2.62%	0.225%
83	8.608	552	553	555	rVV	99957	153320	2.28%	0.195%
84	8.653	555	557	560	rVV3	82855	161212	2.40%	0.205%
85	8.859	572	575	577	rBV	349140	357734	5.32%	0.456%
86	8.950	580	583	585	rBV	175325	211794	3.15%	0.270%
87	9.225	604	607	609	rBV	6346925	6286395	93.48%	8.009%
88	9.476	626	629	632	rBV3	45174	81765	1.22%	0.104%
89	9.556	632	636	639	rVV3	45954	88570	1.32%	0.113%
90	9.613	639	641	644	rVB	113432	109449	1.63%	0.139%
91	9.899	663	666	668	rBV	2079755	1910131	28.40%	2.434%
92	10.688	732	735	737	rBV	4210698	4420967	65.74%	5.632%
93	10.813	744	746	750	rBV	56499	75948	1.13%	0.097%
94	11.385	793	796	798	rBV	1401720	1800378	26.77%	2.294%
95	11.911	840	842	848	rBV2	197282	221799	3.30%	0.283%
96	12.699	908	911	918	rBV	179510	220981	3.29%	0.282%
97	12.974	932	935	937	rBV	6428742	6724799	100.00%	8.567%
98	13.865	1011	1013	1019	rVB	74950	88004	1.31%	0.112%
99	14.014	1023	1026	1028	rBV	1729473	1586833	23.60%	2.022%
100	15.442	1148	1151	1154	rBV	891409	1087630	16.17%	1.386%

Sum of corrected areas: 78491969

LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120116\
Data File : BF091380.D
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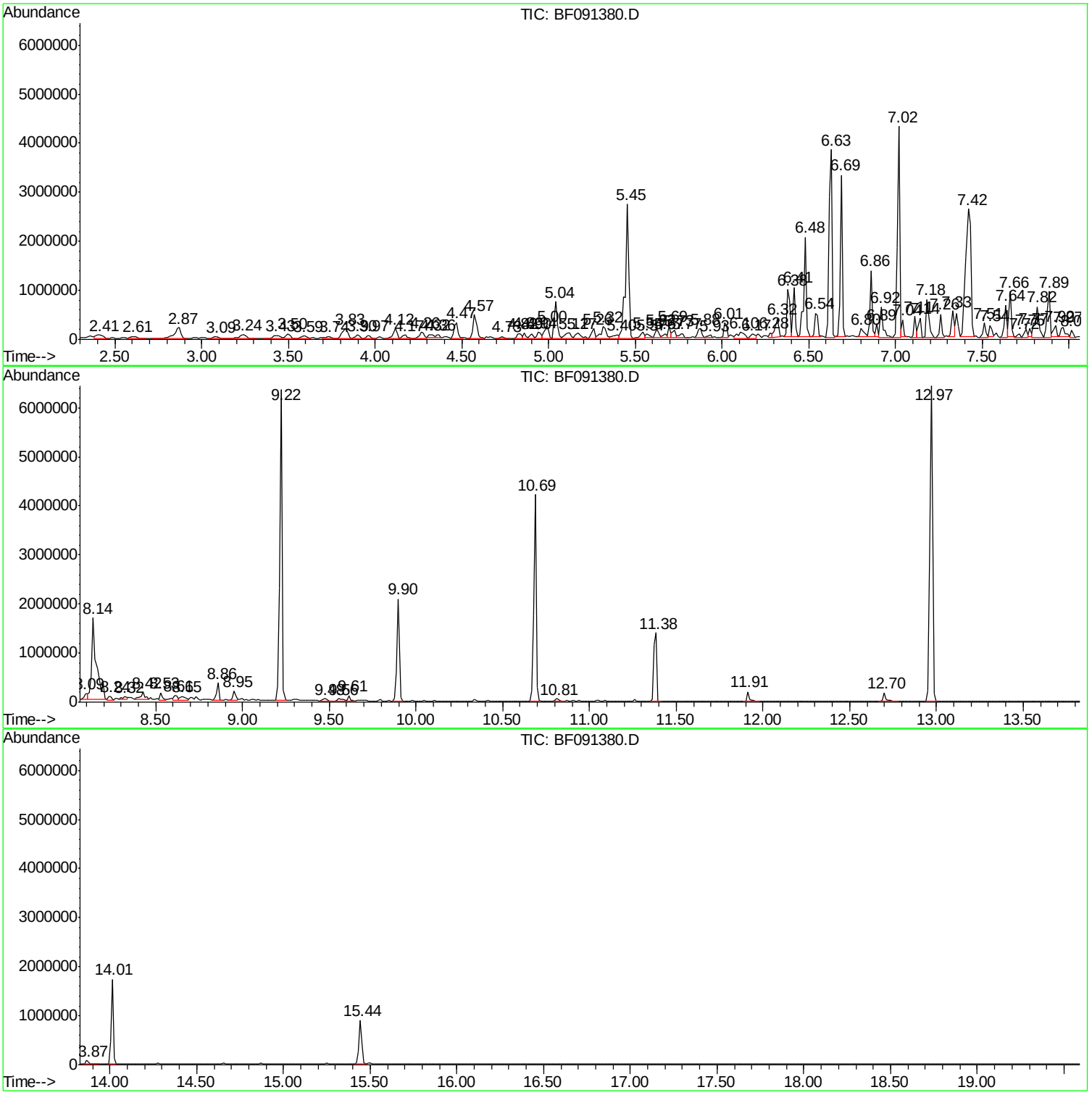
Operator : UM/SJ
Sample : H5801-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PMW-1A-112916

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.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\BF120116\
Data File : BF091380.D
Acq On : 1 Dec 2016 18:39
Operator : UM/SJ
Sample : H5801-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PMW-1A-112916

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

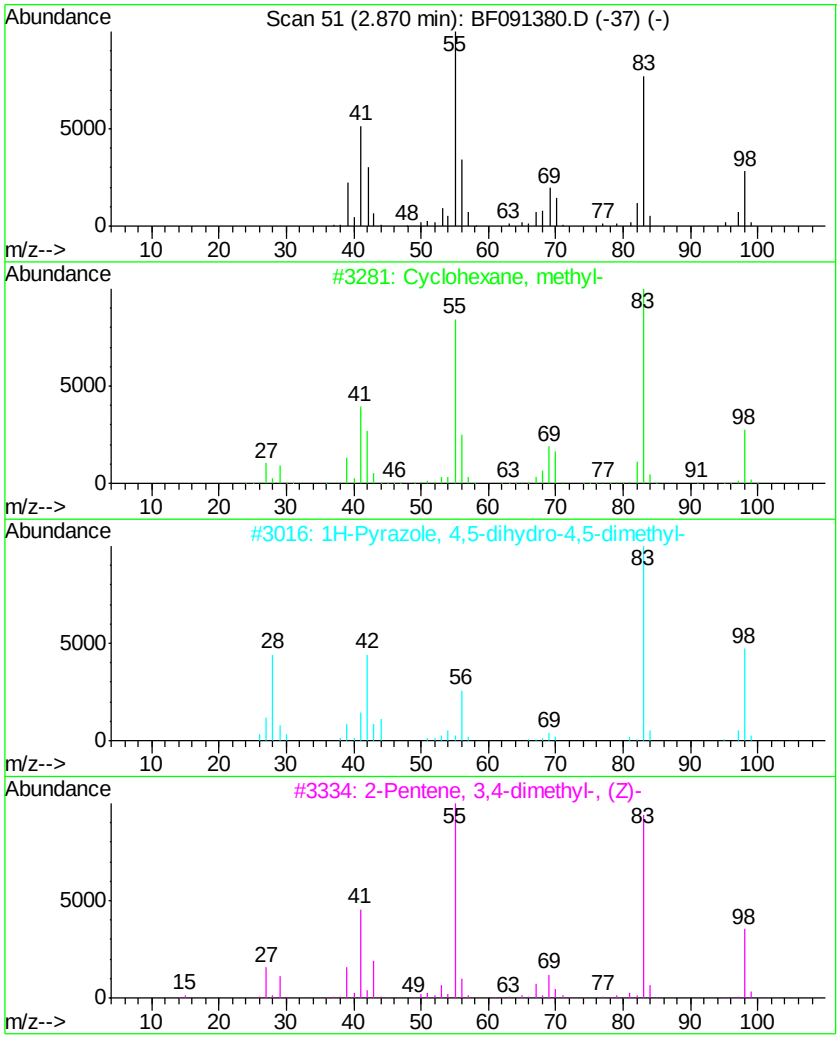
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

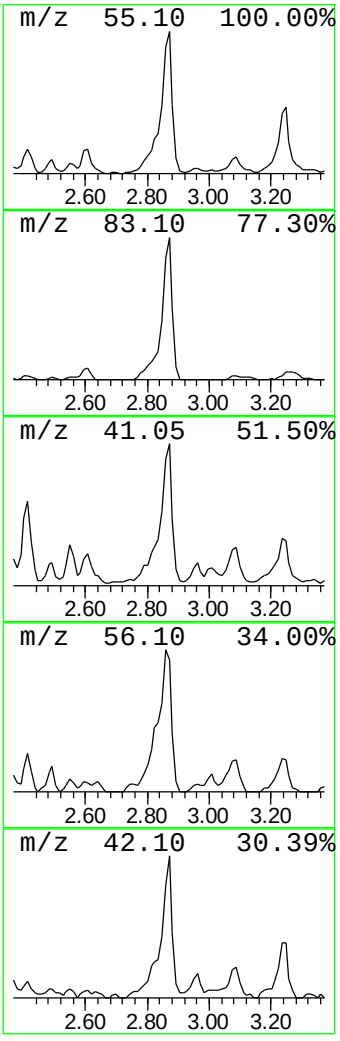
****

Peak Number 1 Cyclohexane, methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.87	10.75 ng	640951	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, methyl-	98	C7H14	000108-87-2	87
2	1H-Pyrazole, 4,5-dihydro-4,5-dim...	98	C5H10N2	028019-94-5	64
3	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	64
4	Cyclopropane, 1,1,2,3-tetramethyl-	98	C7H14	074752-93-5	64
5	2-Pentene, 4,4-dimethyl-, (Z)-	98	C7H14	000762-63-0	62





Data Path : Z:\HPCHEM1\BNA F\DATA\BF120116\
Data File : BF091380.D
Acq On : 1 Dec 2016 18:39
Operator : UM/SJ
Sample : H5801-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PMW-1A-112916

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

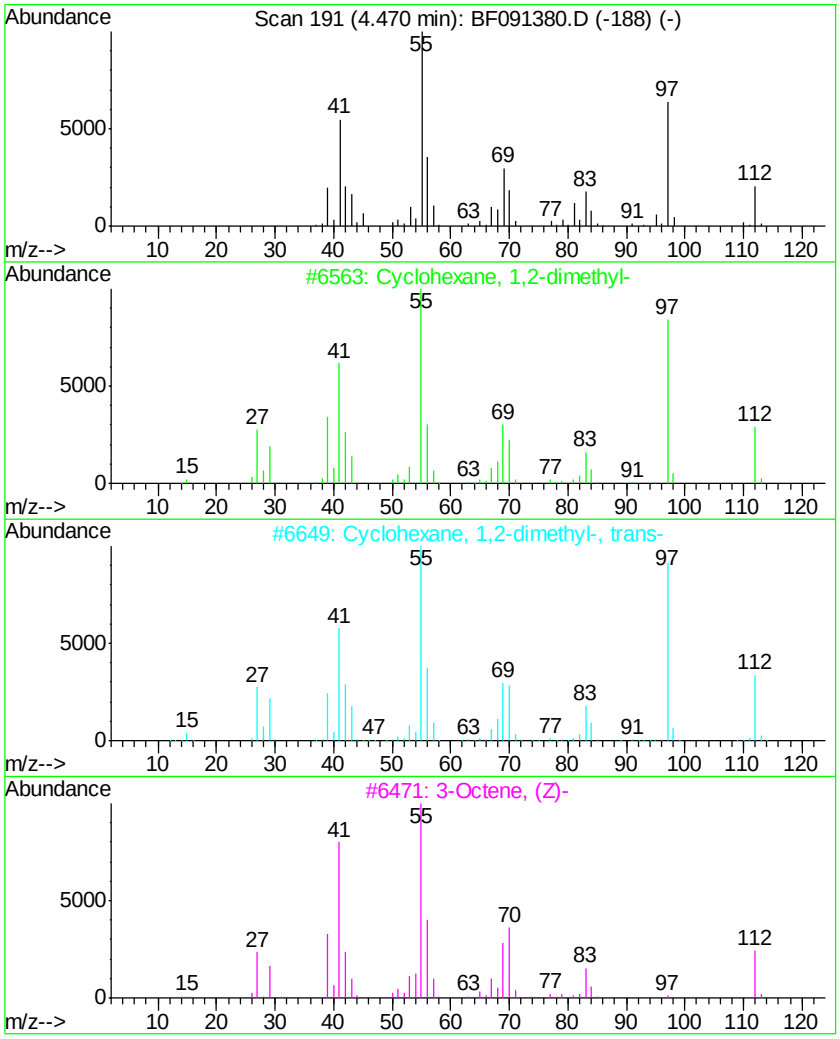
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

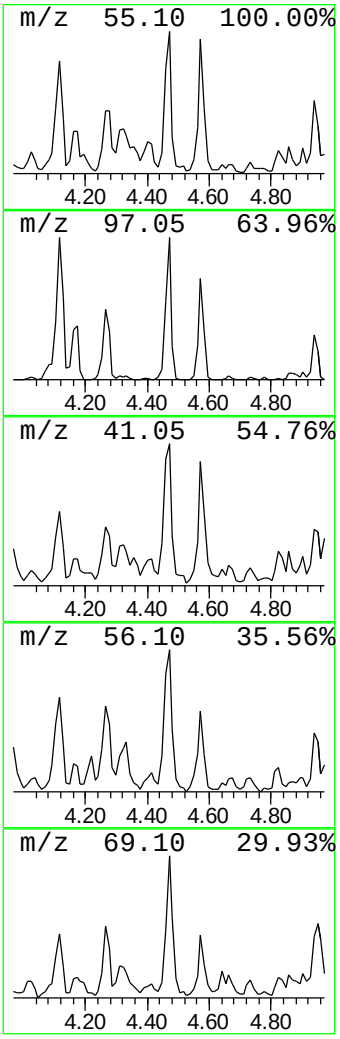
****

Peak Number 3 Cyclohexane, 1,2-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.47	8.75 ng	521757	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-dimethyl-	112	C8H16	000583-57-3	93
2	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	81
3	3-Octene, (Z)-	112	C8H16	014850-22-7	60
4	2-Pyrazoline, 1,4,5-trimethyl-	112	C6H12N2	007423-11-2	58
5	4-Octene, (Z)-	112	C8H16	007642-15-1	53





Data Path : Z:\HPCHEM1\BNA F\DATA\BF120116\
Data File : BF091380.D
Acq On : 1 Dec 2016 18:39
Operator : UM/SJ
Sample : H5801-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PMW-1A-112916

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.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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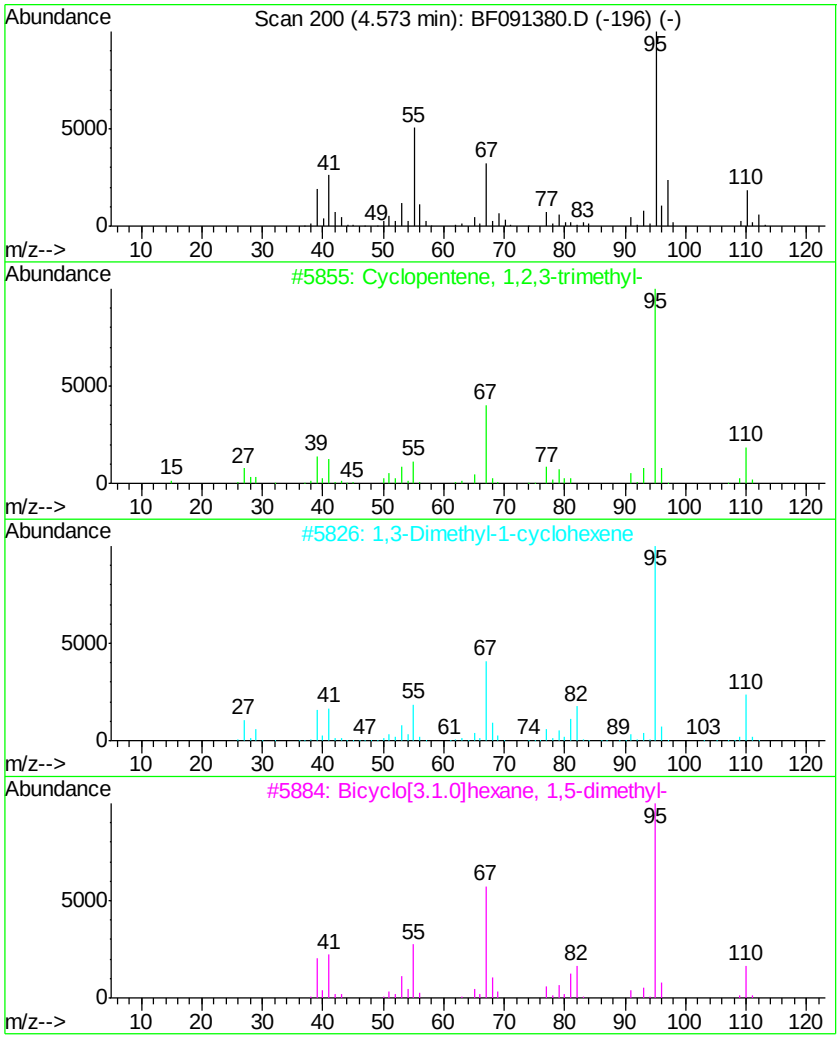
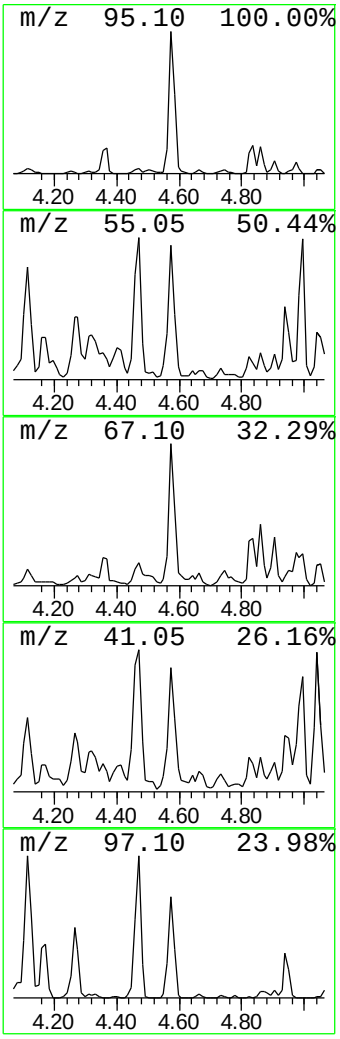
Peak Number 4 Cyclopentene, 1,2,3-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.57	11.68 ng	696380	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene, 1,2,3-trimethyl-	110	C8H14	000473-91-6	93
2	1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	62
3	Bicyclo[3.1.0]hexane, 1,5-dimethyl-	110	C8H14	1000142-17-5	60
4	Bicyclo[2.2.1]heptane, 2-(2-prop...	136	C10H16	002633-80-9	53
5	2-Amino-4-methylbut-2-enenitrile	110	C6H10N2	1000197-39-9	52





Data Path : Z:\HPCHEM1\BNA F\DATA\BF120116\
Data File : BF091380.D
Acq On : 1 Dec 2016 18:39
Operator : UM/SJ
Sample : H5801-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PMW-1A-112916

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

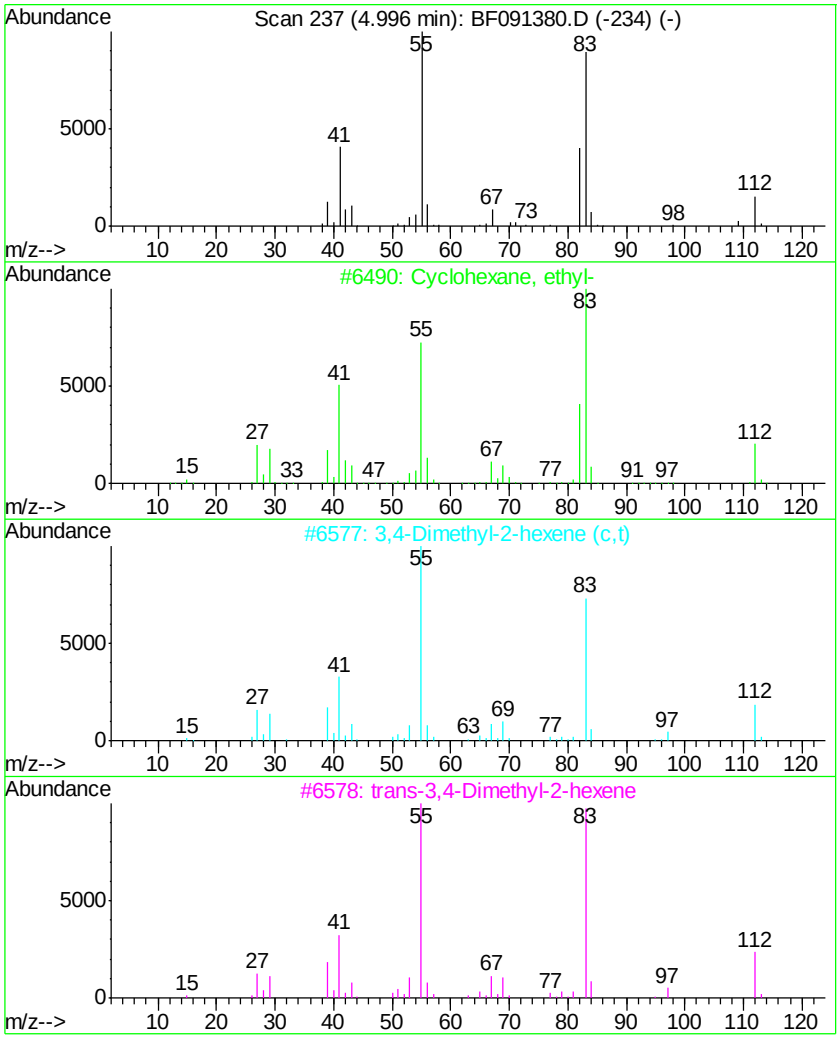
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

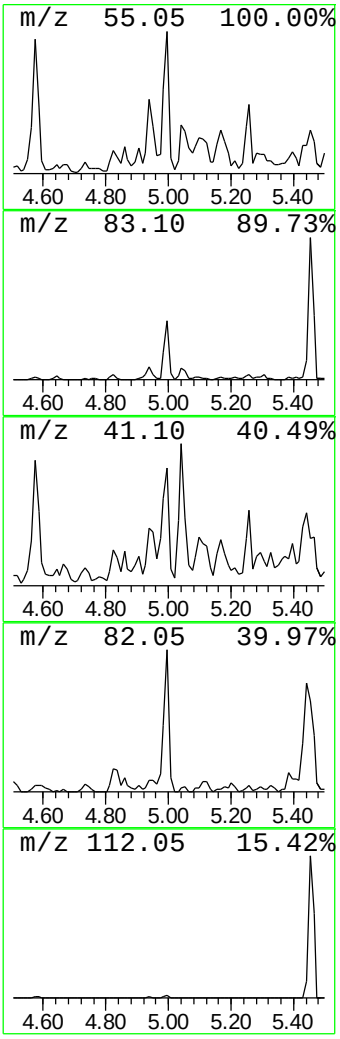
****

Peak Number 5 Cyclohexane, ethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.00	7.24 ng	431782	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, ethyl-	112	C8H16	001678-91-7	90
2	3,4-Dimethyl-2-hexene (c,t)	112	C8H16	002213-37-8	59
3	trans-3,4-Dimethyl-2-hexene	112	C8H16	019550-82-4	59
4	2-Hexene, 2,3-dimethyl-	112	C8H16	007145-20-2	59
5	2-Hexene, 2,4-dimethyl-	112	C8H16	014255-23-3	53





Data Path : Z:\HPCHEM1\BNA F\DATA\BF120116\
Data File : BF091380.D
Acq On : 1 Dec 2016 18:39
Operator : UM/SJ
Sample : H5801-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PMW-1A-112916

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

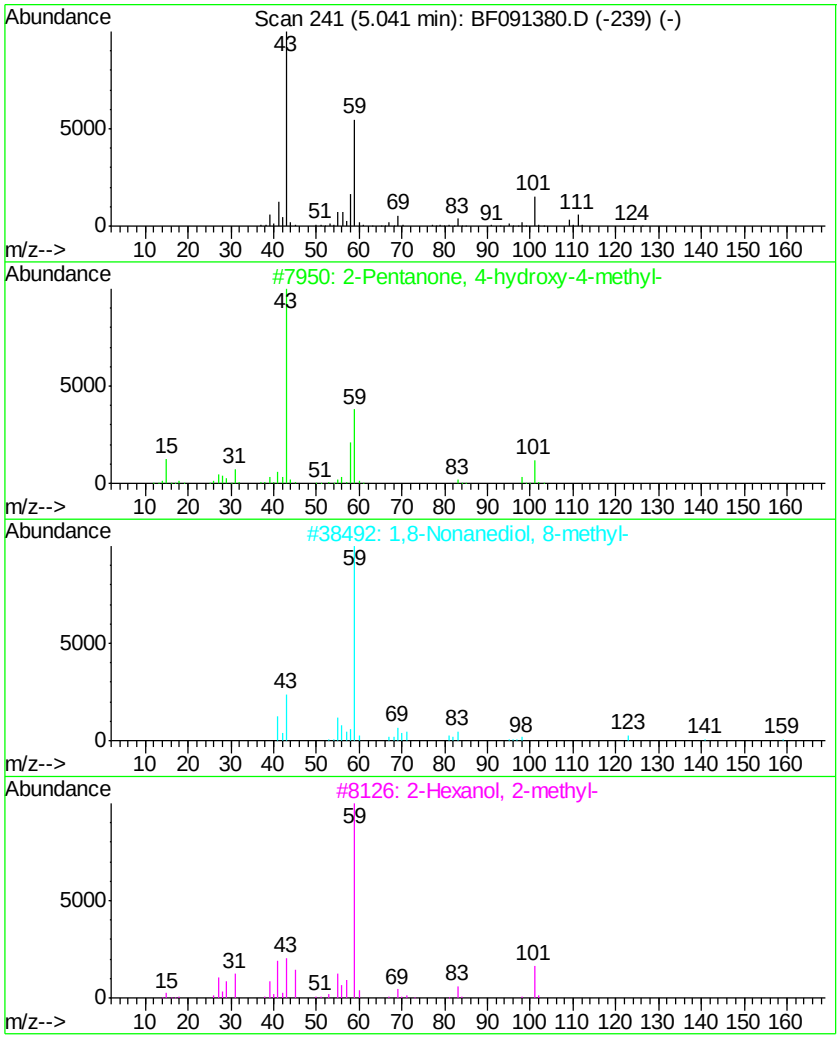
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

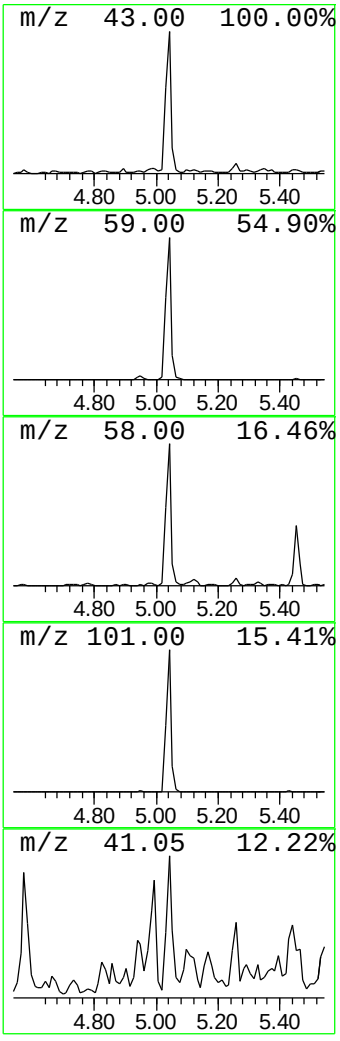
****

Peak Number 6 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.04	16.71 ng	996331	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	42
2	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	32
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	25
4	Methyl 16-methoxyheptadecanoate	314	C19H38O3	1000110-18-2	23
5	3-Octanol	130	C8H18O	020296-29-1	23





Data Path : Z:\HPCHEM1\BNA F\DATA\BF120116\
Data File : BF091380.D
Acq On : 1 Dec 2016 18:39
Operator : UM/SJ
Sample : H5801-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PMW-1A-112916

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.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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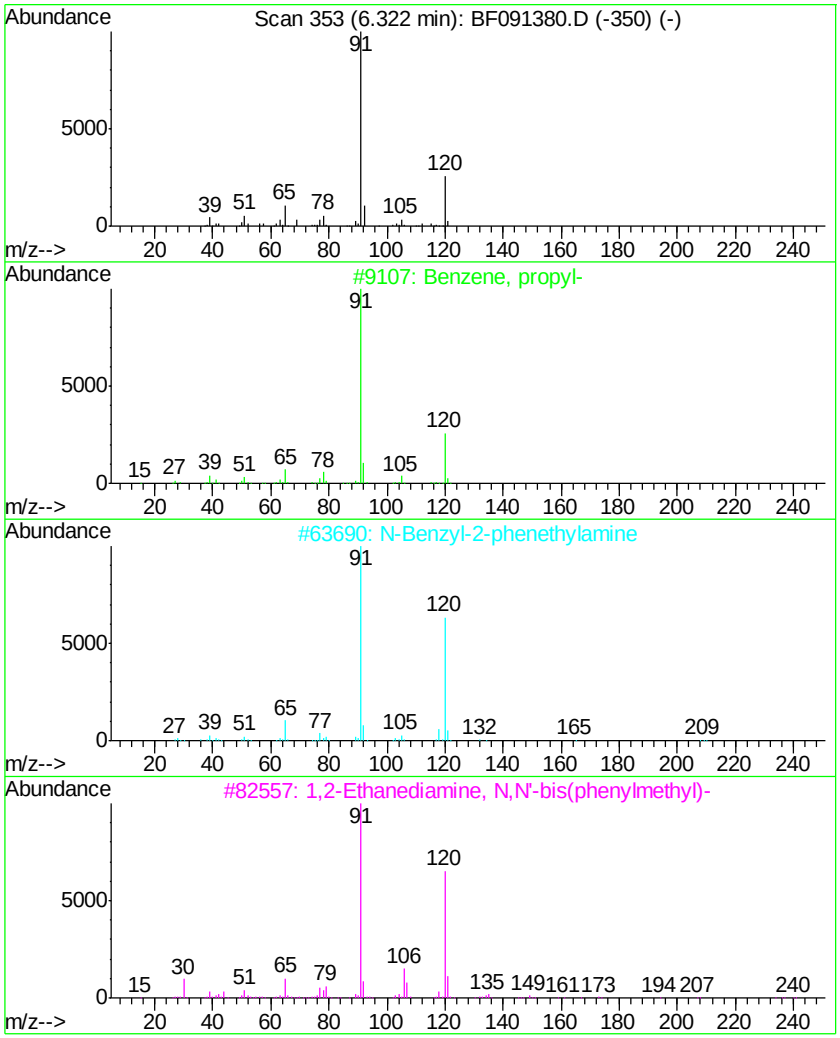
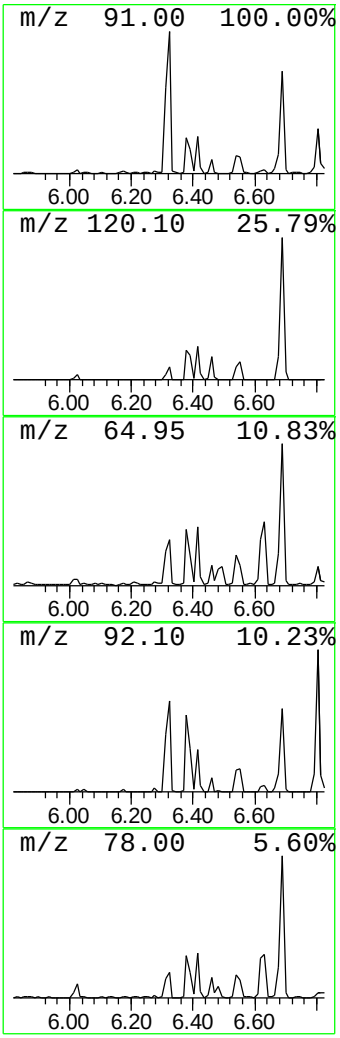
Peak Number 8 Benzene, propyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.32	8.26 ng	492515	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	1,2-Ethanediamine, N,N'-bis(phen...	240	C16H20N2	000140-28-3	78
4	1,2-Ethanediamine, N-(phenylmeth...	150	C9H14N2	004152-09-4	72
5	Propanenitrile, 3-[(phenylmethyl...	160	C10H12N2	000706-03-6	59





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Data File : BF091380.D
Acq On : 1 Dec 2016 18:39
Operator : UM/SJ
Sample : H5801-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PMW-1A-112916

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

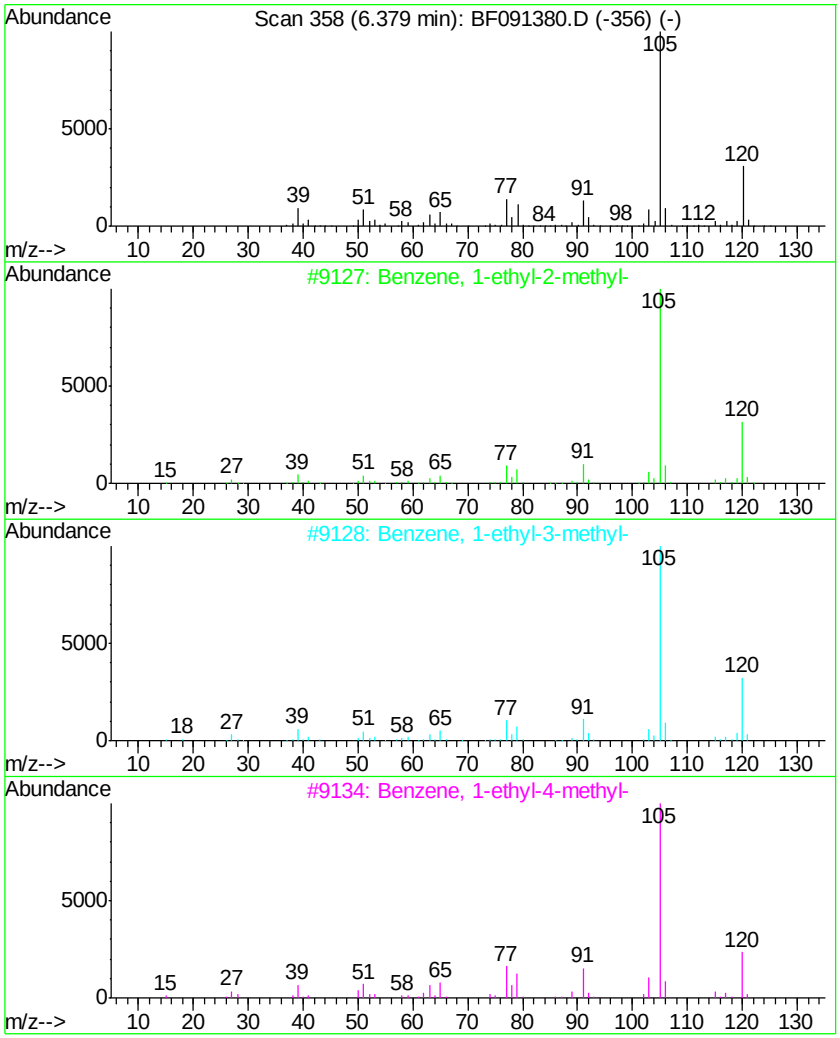
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

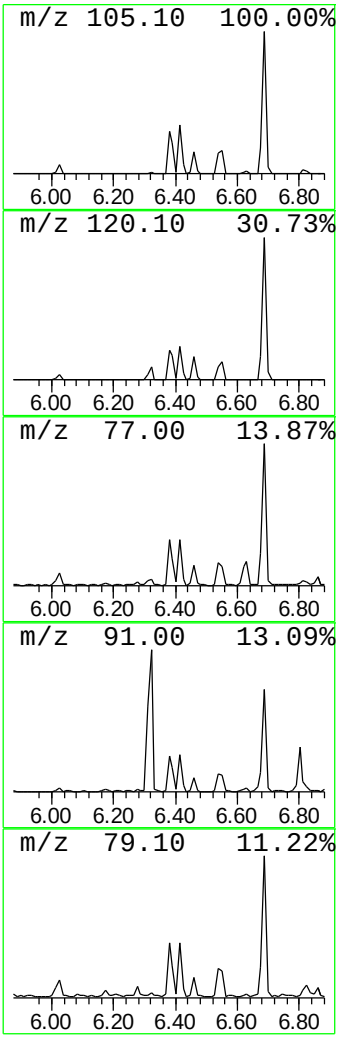
****

Peak Number 9 Benzene, 1-ethyl-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.38	21.30 ng	1270390	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-3-methyl-	120	C9H12	000620-14-4	95
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91





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Acq On : 1 Dec 2016 18:39
Operator : UM/SJ
Sample : H5801-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PMW-1A-112916

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.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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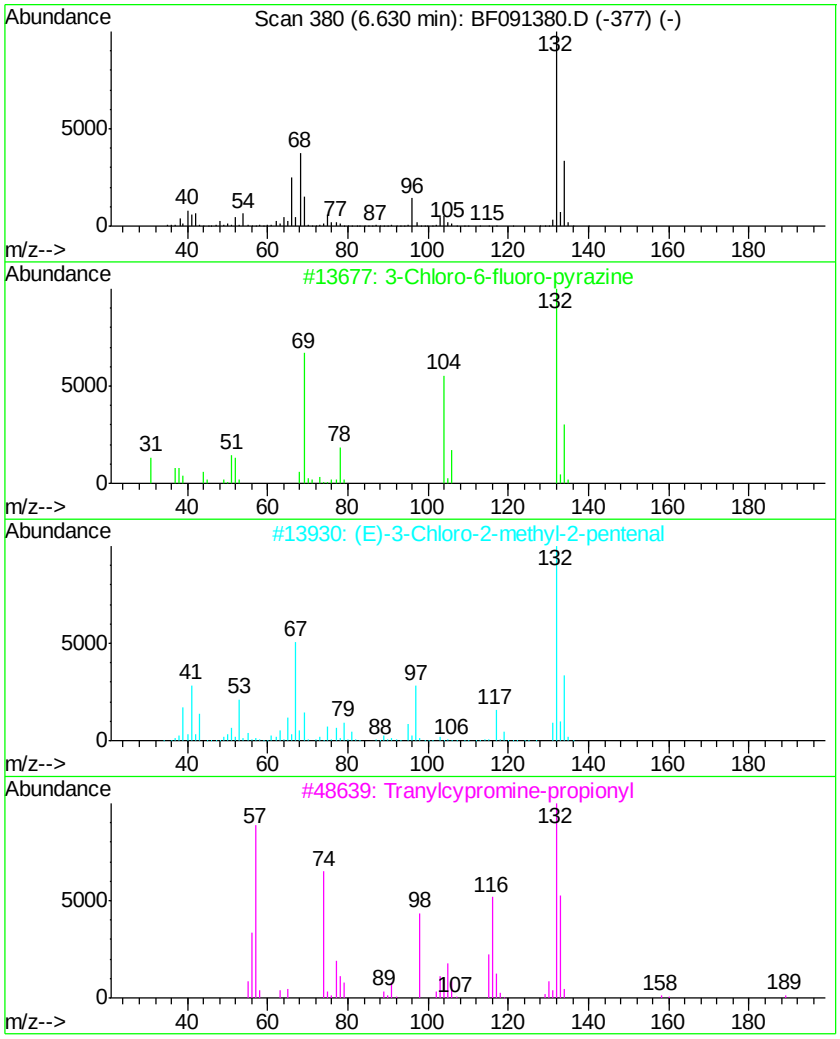
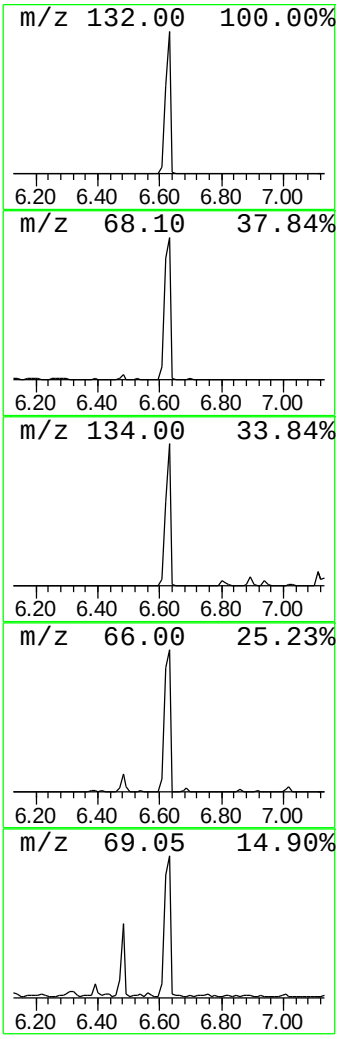
Peak Number 12 unknown6.63 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.63	81.40 ng	4854420	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	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





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Acq On : 1 Dec 2016 18:39
Operator : UM/SJ
Sample : H5801-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PMW-1A-112916

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.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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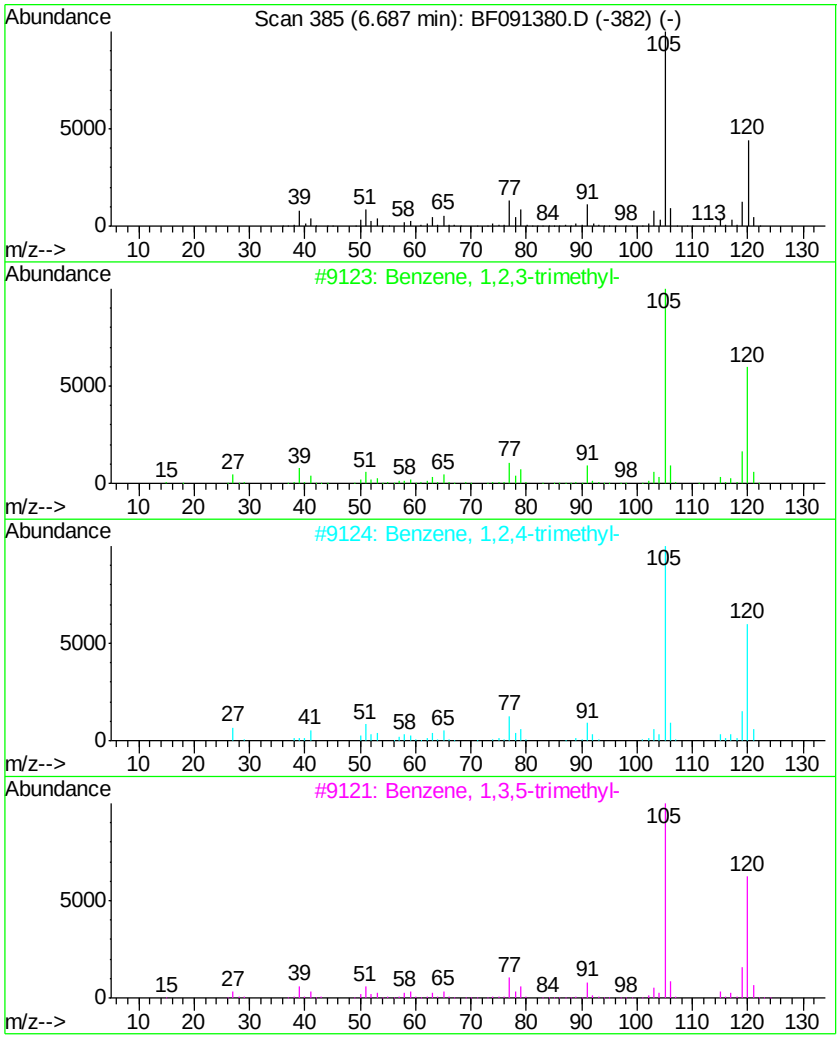
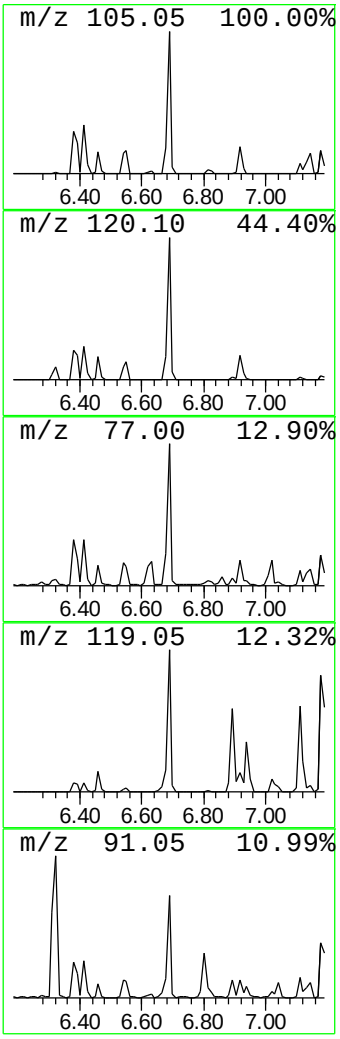
Peak Number 13 Benzene, 1,2,3-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.69	47.58 ng	2837350	1,4-Dichlorobenzene-d4	6.86

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	94
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90





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Acq On : 1 Dec 2016 18:39
Operator : UM/SJ
Sample : H5801-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PMW-1A-112916

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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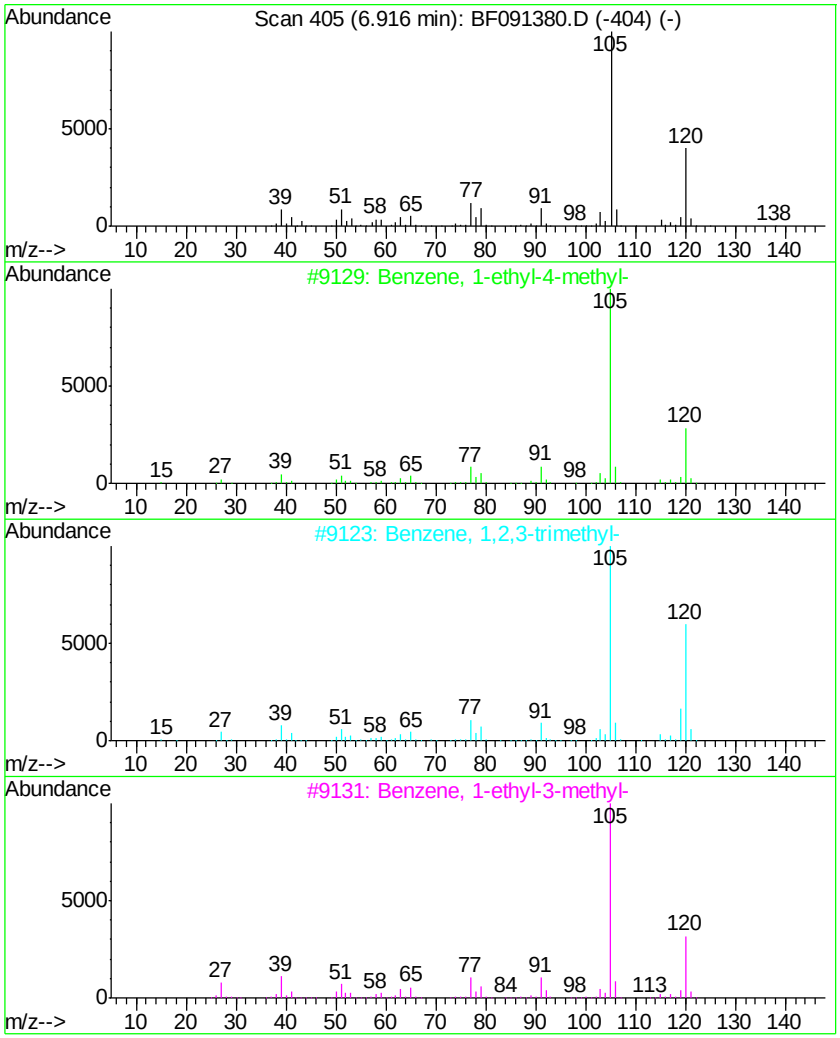
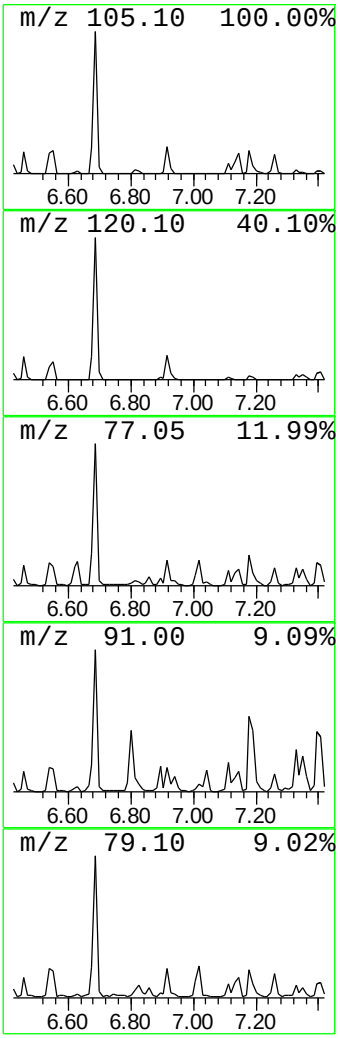
Peak Number 14 Benzene, 1-ethyl-4-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.92	11.42 ng	681108	1,4-Dichlorobenzene-d4	6.86

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





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Acq On : 1 Dec 2016 18:39
Operator : UM/SJ
Sample : H5801-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PMW-1A-112916

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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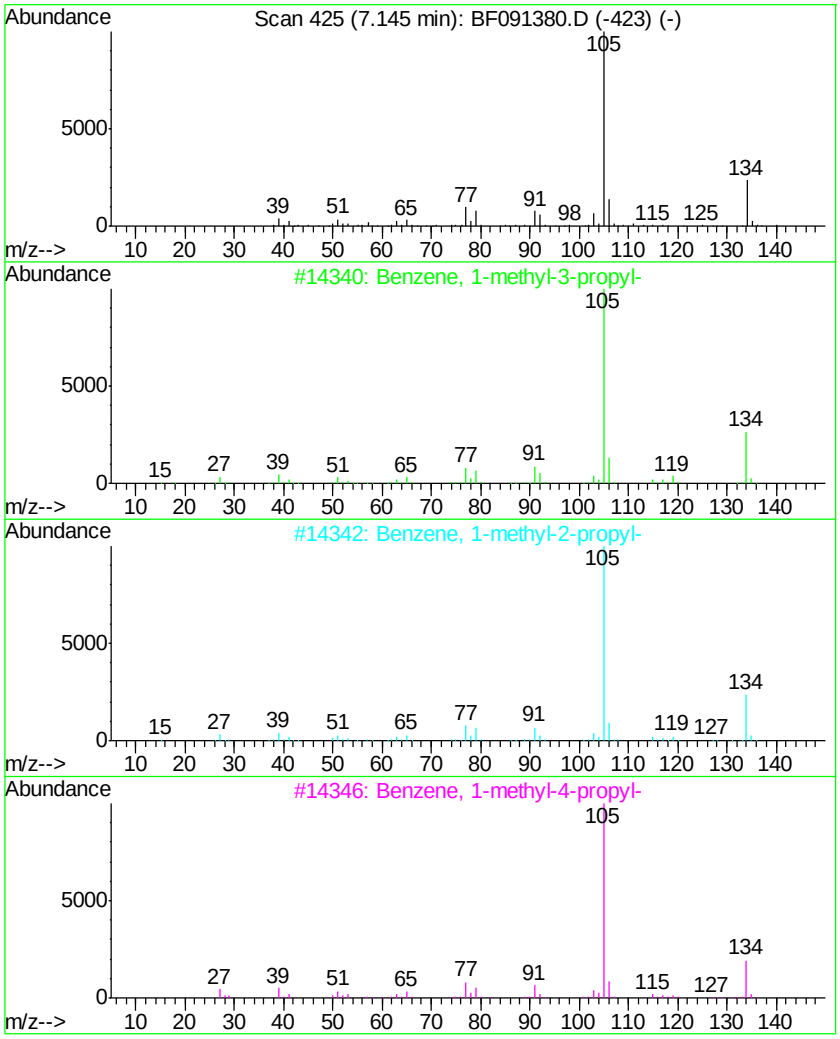
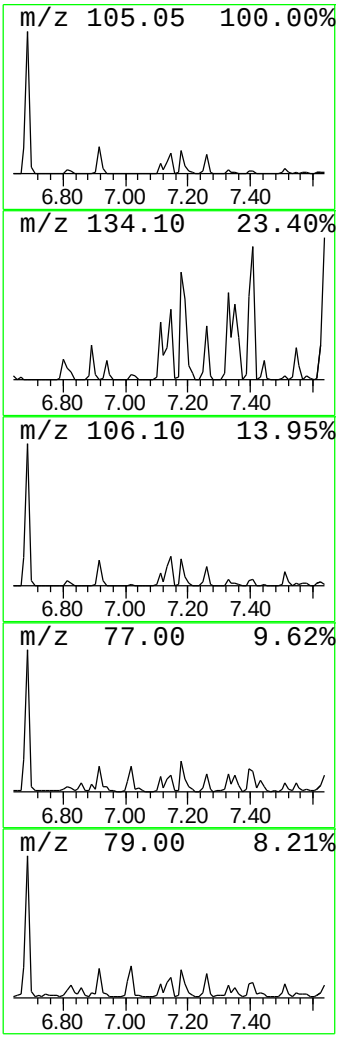
Peak Number 16 Benzene, 1-methyl-3-propyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.14	7.80 ng	465274	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	90
2	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	87
3	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	80
4	Oxirane, 2-methyl-2-phenyl-	134	C9H10O	002085-88-3	80
5	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	72





Data Path : Z:\HPCHEM1\BNA F\DATA\BF120116\
Data File : BF091380.D
Acq On : 1 Dec 2016 18:39
Operator : UM/SJ
Sample : H5801-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PMW-1A-112916

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.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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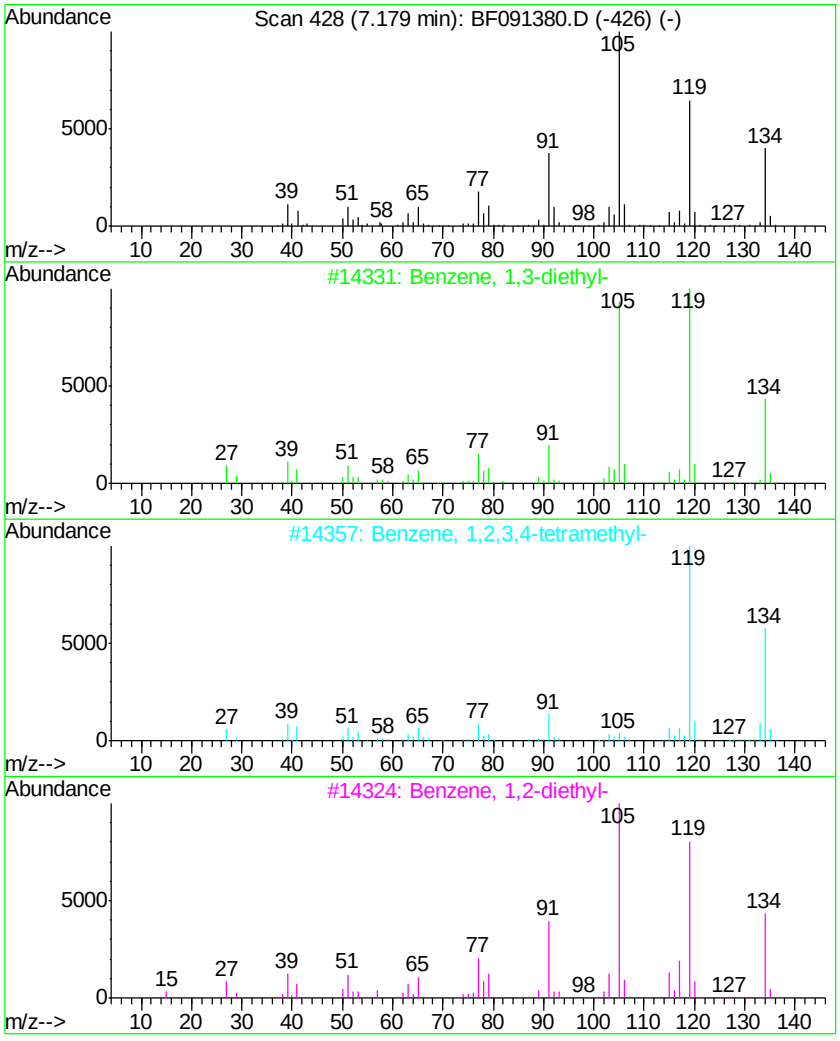
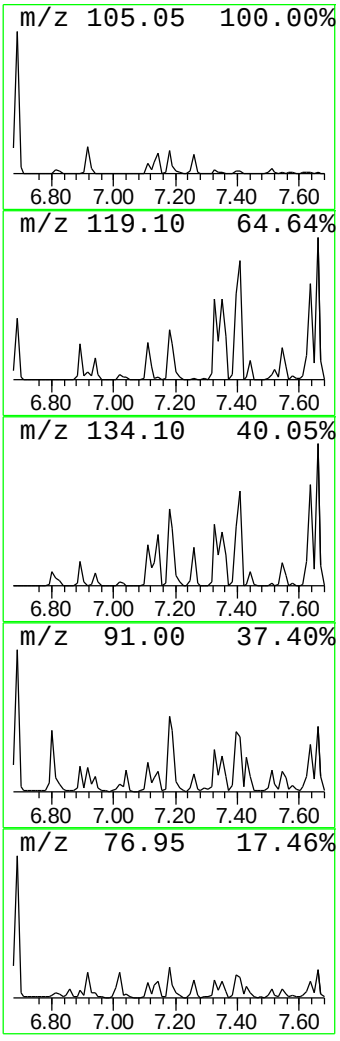
Peak Number 17 Benzene, 1,3-diethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.18	16.96 ng	1011360	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	93
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
3	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	87
4	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	87
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	87





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120116\
Data File : BF091380.D
Acq On : 1 Dec 2016 18:39
Operator : UM/SJ
Sample : H5801-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PMW-1A-112916

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.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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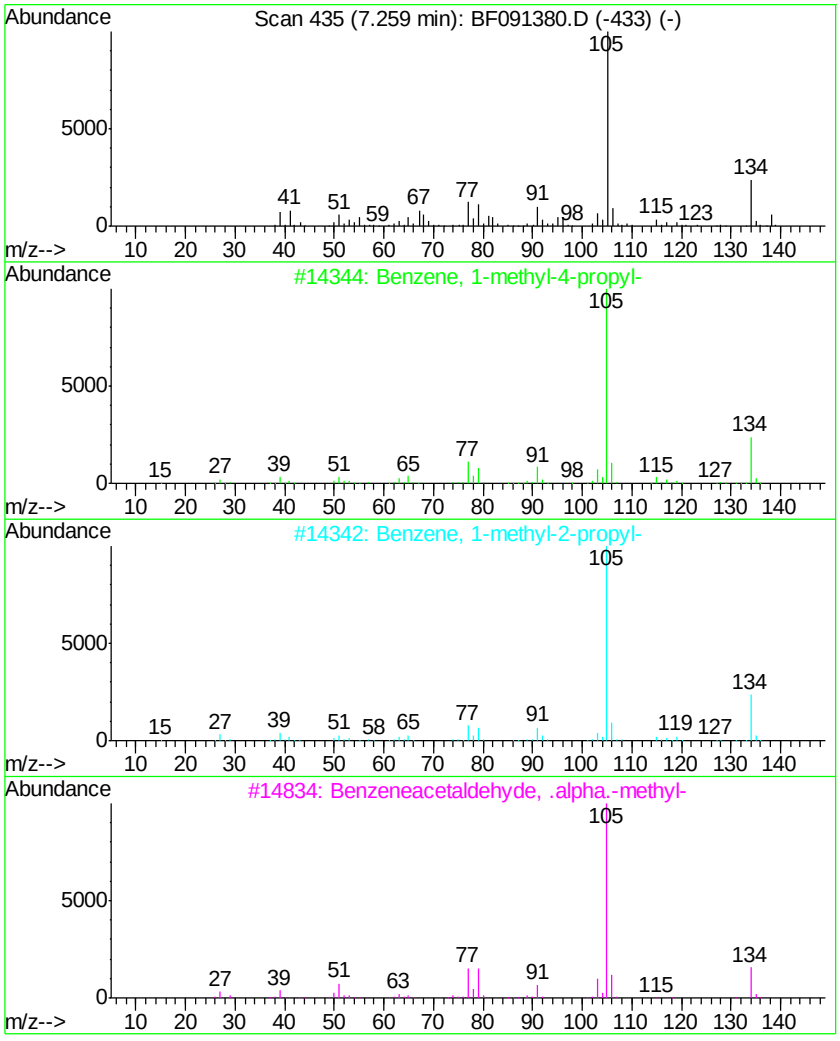
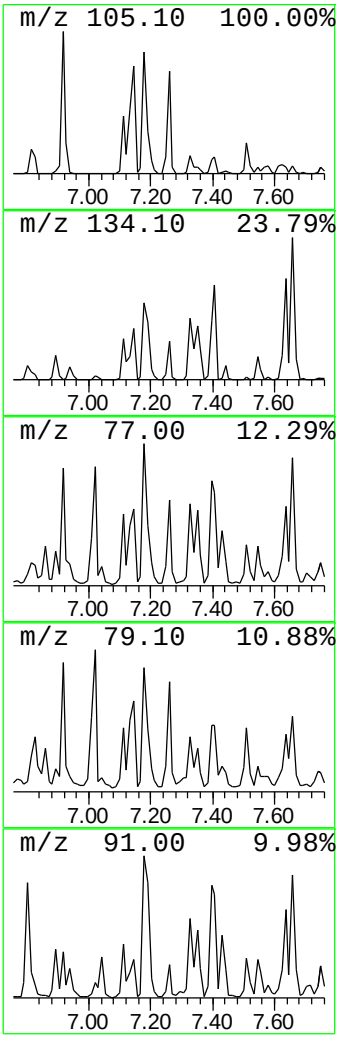
Peak Number 18 Benzene, 1-methyl-4-propyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.26	7.40 ng	441135	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	94
2	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	87
3	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	70
4	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	70
5	2-Tolyloxirane	134	C9H10O	002783-26-8	58





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Data File : BF091380.D
Acq On : 1 Dec 2016 18:39
Operator : UM/SJ
Sample : H5801-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PMW-1A-112916

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.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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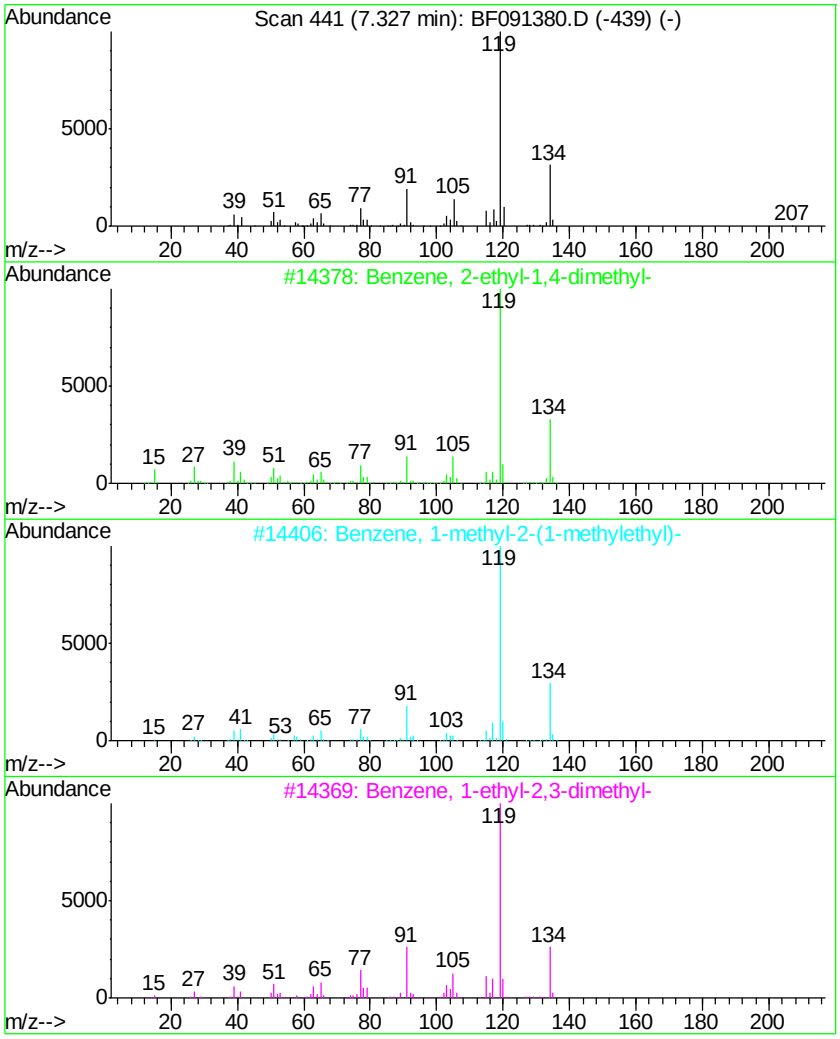
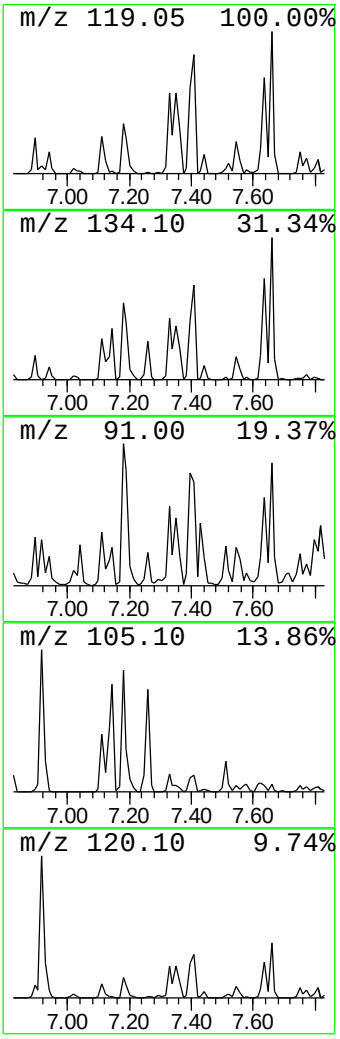
Peak Number 19 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.33	8.72 ng	520347	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	97
2	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	95
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	93





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Data File : BF091380.D
Acq On : 1 Dec 2016 18:39
Operator : UM/SJ
Sample : H5801-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PMW-1A-112916

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.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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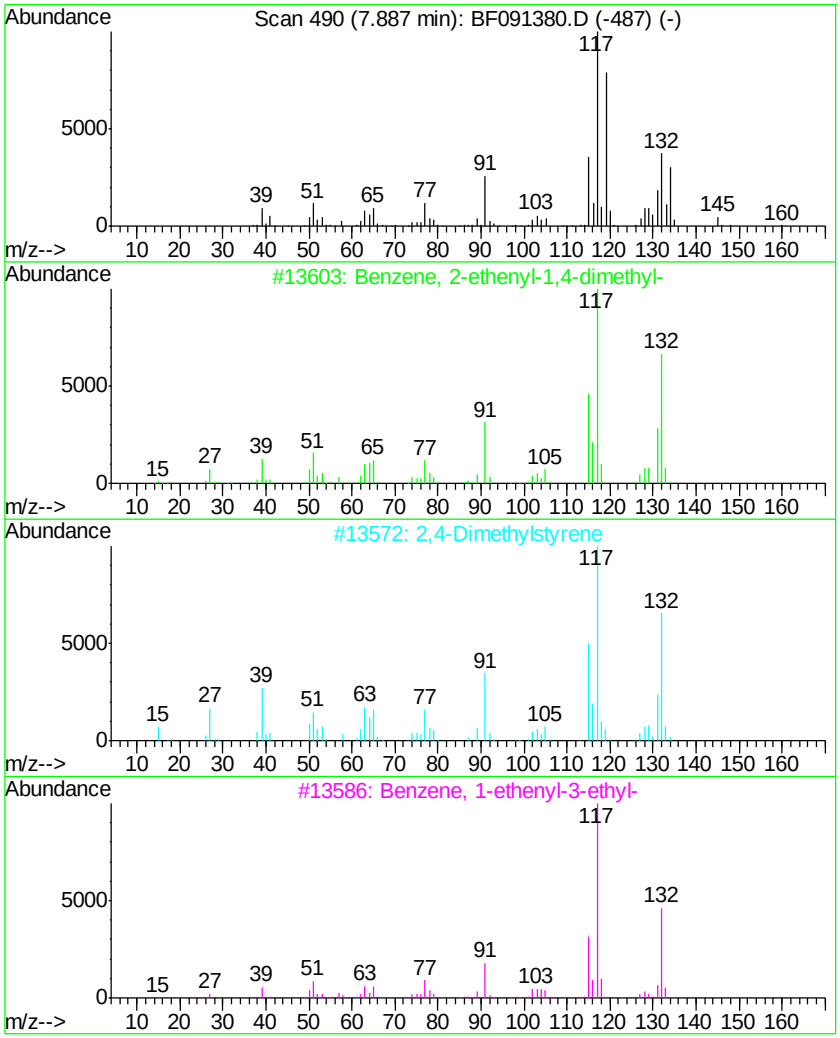
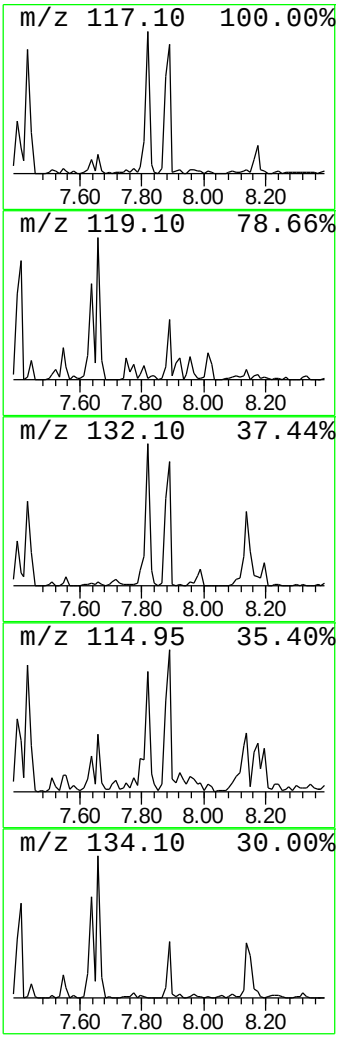
Peak Number 20 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.89	7.60 ng	1199660	Naphthalene-d8	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	86
2	2,4-Dimethylstyrene	132	C10H12	002234-20-0	74
3	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	50
4	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	50
5	1-Phenyl-1-butene	132	C10H12	000824-90-8	50





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120116\
Data File : BF091380.D
Acq On : 1 Dec 2016 18:39
Operator : UM/SJ
Sample : H5801-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PMW-1A-112916

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Cyclohexane, methyl-	2.87	10.8	ng	640951	1	6.86	1192780	20.0
Cyclohexane, 1,2-...	4.47	8.8	ng	521757	1	6.86	1192780	20.0
Cyclopentene, 1,2...	4.57	11.7	ng	696380	1	6.86	1192780	20.0
Cyclohexane, ethyl-	5.00	7.2	ng	431782	1	6.86	1192780	20.0
2-Pentanone, 4-hy...	5.04	16.7	ng	996331	1	6.86	1192780	20.0
Benzene, propyl-	6.32	8.3	ng	492515	1	6.86	1192780	20.0
Benzene, 1-ethyl-...	6.38	21.3	ng	1270390	1	6.86	1192780	20.0
unknown6.63	6.63	81.4	ng	4854420	1	6.86	1192780	20.0
Benzene, 1,2,3-tr...	6.69	47.6	ng	2837350	1	6.86	1192780	20.0
Benzene, 1-ethyl-...	6.92	11.4	ng	681108	1	6.86	1192780	20.0
Benzene, 1-methyl...	7.14	7.8	ng	465274	1	6.86	1192780	20.0
Benzene, 1,3-diet...	7.18	17.0	ng	1011360	1	6.86	1192780	20.0
Benzene, 1-methyl...	7.26	7.4	ng	441135	1	6.86	1192780	20.0
Benzene, 2-ethyl-...	7.33	8.7	ng	520347	1	6.86	1192780	20.0
Benzene, 2-etheny...	7.89	7.6	ng	1199660	2	8.14	3158120	20.0