LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020316\
Data File : BF084807.D
Acq On : 4 Feb 2016 1:48
Operator : SJ/IZ
Sample : H1312-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B037(15-17)

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-BF020116.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	2.532	32	39	42	rVV2	283807	880968	3.25%	0.206%
2	2.612	42	46	48	rVV	397824	959497	3.55%	0.224%
3	2.647	48	49	52	rVV	364682	587007	2.17%	0.137%
4	3.047	73	84	87	rBV	935218	2453158	9.06%	0.573%
5	3.195	90	97	101	rVV	963101	2625822	9.70%	0.614%
6	3.287	101	105	109	rVV	454572	1076698	3.98%	0.252%
7	3.447	109	119	125	rVV2	1150464	3939882	14.56%	0.921%
8	3.630	130	135	139	rVB	1453519	3351657	12.38%	0.783%
9	3.813	145	151	154	rBV2	2046319	4699589	17.36%	1.098%
10	3.984	162	166	168	rBV2	386759	744488	2.75%	0.174%
11	4.030	168	170	173	rVB	353190	595399	2.20%	0.139%
12	4.190	176	184	188	rVB	2306925	4839753	17.88%	1.131%
13	4.316	191	195	200	rBV3	670851	1415083	5.23%	0.331%
14	4.418	200	204	207	rVB	831397	1481790	5.47%	0.346%
15	4.544	212	215	217	rBV	673977	856759	3.17%	0.200%
16	4.670	224	226	228	rVB	724034	950373	3.51%	0.222%
17	4.750	231	233	237	rVB	1995903	3268068	12.07%	0.764%
18	4.853	237	242	249	rBV2	1417526	3673494	13.57%	0.858%
19	5.047	256	259	261	rBV	1368576	2084601	7.70%	0.487%
20	5.116	262	265	267	rVV	4141618	7062975	26.10%	1.650%
21	5.150	267	268	269	rVV	1847584	2077685	7.68%	0.485%
22	5.173	269	270	273	rVB	1972988	2953627	10.91%	0.690%
23	5.253	273	277	282	rBV3	10382273	27065885	100.00%	6.324%
24	5.321	282	283	288	rVB2	800562	1472714	5.44%	0.344%
25	5.390	288	289	291	rBV	912246	932893	3.45%	0.218%
26	5.424	291	292	295	rVB	955628	1154850	4.27%	0.270%
27	5.504	297	299	303	rVB2	4332880	6759821	24.98%	1.579%
28	5.584	303	306	308	rVB	5212069	5216759	19.27%	1.219%
29	5.687	312	315	317	rVB2	1165817	1709046	6.31%	0.399%
30	5.744	317	320	324	rBV4	1105101	2635662	9.74%	0.616%
31	5.836	324	328	330	rBV2	2260949	4260662	15.74%	0.996%
32	5.881	330	332	334	rVB2	926417	1197672	4.43%	0.280%
33	5.927	334	336	339	rVB	2710257	3213969	11.87%	0.751%
34	5.984	339	341	343	rBV	1138438	1524396	5.63%	0.356%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020316\
Data File : BF084807.D
Acq On : 4 Feb 2016 1:48
Operator : SJ/IZ
Sample : H1312-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B037(15-17)

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-BF020116.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	6.144	351	355	357	rBV2	5685585	8047808	29.73%	1.880%
36	6.224	357	362	364	rBV2	10276370	26430934	97.65%	6.176%
37	6.259	364	365	366	rVB	8184643	5610573	20.73%	1.311%
38	6.304	366	369	370	rBV2	9032237	12833396	47.42%	2.999%
39	6.350	370	373	374	rVV	2634855	4727591	17.47%	1.105%
40	6.384	374	376	378	rVB	7417798	7735208	28.58%	1.807%
41	6.464	381	383	385	rBV	3787908	5096693	18.83%	1.191%
42	6.544	385	390	392	rVB	13527453	25532069	94.33%	5.966%
43	6.636	396	398	401	rBV2	1679794	3088877	11.41%	0.722%
44	6.693	401	403	404	rVV	1638084	1305834	4.82%	0.305%
45	6.727	404	406	407	rVV	1668799	3055032	11.29%	0.714%
46	6.761	407	409	411	rVV	7901759	9299272	34.36%	2.173%
47	6.853	413	417	418	rBV2	4248693	7201258	26.61%	1.683%
48	6.876	418	419	421	rVB	5395920	4079729	15.07%	0.953%
49	6.956	421	426	427	rBV	3333553	7012083	25.91%	1.638%
50	6.979	427	428	430	rVV2	6734865	6865572	25.37%	1.604%
51	7.024	430	432	436	rVB2	8975608	16038106	59.26%	3.747%
52	7.093	436	438	441	rBV	3959228	4490411	16.59%	1.049%
53	7.173	441	445	446	rBV	4917052	7403566	27.35%	1.730%
54	7.242	449	451	453	rVV	5915006	12521165	46.26%	2.926%
55	7.310	455	457	458	rVB	2987753	3074263	11.36%	0.718%
56	7.356	458	461	462	rBV	1487767	2247433	8.30%	0.525%
57	7.390	462	464	465	rBV	1860521	2473932	9.14%	0.578%
58	7.413	465	466	468	rVB	893576	1066284	3.94%	0.249%
59	7.482	468	472	473	rBV	3829870	8636928	31.91%	2.018%
60	7.504	473	474	476	rVB	7117599	4925917	18.20%	1.151%
61	7.596	479	482	483	rBV	1999801	2863562	10.58%	0.669%
62	7.653	485	487	490	rVV3	4076831	6969815	25.75%	1.629%
63	7.722	490	493	495	rVV3	6301392	12114789	44.76%	2.831%
64	7.790	498	499	503	rVB4	2295860	4398603	16.25%	1.028%
65	7.859	503	505	507	rBV	2274983	2256464	8.34%	0.527%
66	7.973	509	515	516	rBV2	5978080	10998684	40.64%	2.570%
67	8.007	516	518	521	rVV2	7782840	10648009	39.34%	2.488%
68	8.076	523	524	525	rVB	1649318	1131432	4.18%	0.264%
69	8.156	528	531	533	rBV3	1009941	1849415	6.83%	0.432%
70	8.259	535	540	541	rBV3	2214826	3442831	12.72%	0.804%
71	8.339	545	547	548	rVB	1059399	870600	3.22%	0.203%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020316\
Data File : BF084807.D
Acq On : 4 Feb 2016 1:48
Operator : SJ/IZ
Sample : H1312-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B037(15-17)

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-BF020116.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	8.362	548	549	551	rVB	1896560	2429664	8.98%	0.568%
73	8.419	551	554	555	rBV2	876214	1515043	5.60%	0.354%
74	8.453	555	557	558	rVB	916349	1232563	4.55%	0.288%
75	8.487	558	560	563	rBV3	734647	1364841	5.04%	0.319%
76	8.545	563	565	566	rVB2	540070	623719	2.30%	0.146%
77	8.579	566	568	570	rBV2	2337855	3446284	12.73%	0.805%
78	8.693	575	578	580	rVV	5636497	8321110	30.74%	1.944%
79	8.739	580	582	583	rVV2	726275	1120143	4.14%	0.262%
80	8.796	583	587	588	rVV	3120152	5402675	19.96%	1.262%
81	8.819	588	589	591	rVV2	649304	924275	3.41%	0.216%
82	8.887	591	595	596	rVV4	646803	1776053	6.56%	0.415%
83	8.910	596	597	599	rVV2	489103	974251	3.60%	0.228%
84	8.945	599	600	602	rVV2	598695	807458	2.98%	0.189%
85	9.013	604	606	607	rVV	527471	829740	3.07%	0.194%
86	9.059	607	610	612	rVV	5790077	6363968	23.51%	1.487%
87	9.139	615	617	619	rVV2	1017665	1496662	5.53%	0.350%
88	9.196	619	622	625	rVV2	320712	757940	2.80%	0.177%
89	9.242	625	626	630	rVV	537029	763305	2.82%	0.178%
90	9.310	630	632	635	rVV	930464	1394022	5.15%	0.326%
91	9.390	636	639	640	rVV	1045522	1359175	5.02%	0.318%
92	9.447	643	644	646	rVV2	774343	1077924	3.98%	0.252%
93	9.505	646	649	652	rVB2	334970	578248	2.14%	0.135%
94	9.722	665	668	670	rBV	1655943	1712155	6.33%	0.400%
95	10.510	734	737	739	rVB	3265576	3394078	12.54%	0.793%
96	10.636	746	748	752	rVB	363537	531079	1.96%	0.124%
97	11.196	795	797	801	rBV	1086217	1674111	6.19%	0.391%
98	12.796	934	937	939	rBV	4945365	5657550	20.90%	1.322%
99	13.836	1025	1028	1030	rBV	1006394	1457557	5.39%	0.341%
100	15.208	1145	1148	1151	rBV	777837	921478	3.40%	0.215%

Sum of corrected areas: 427973911

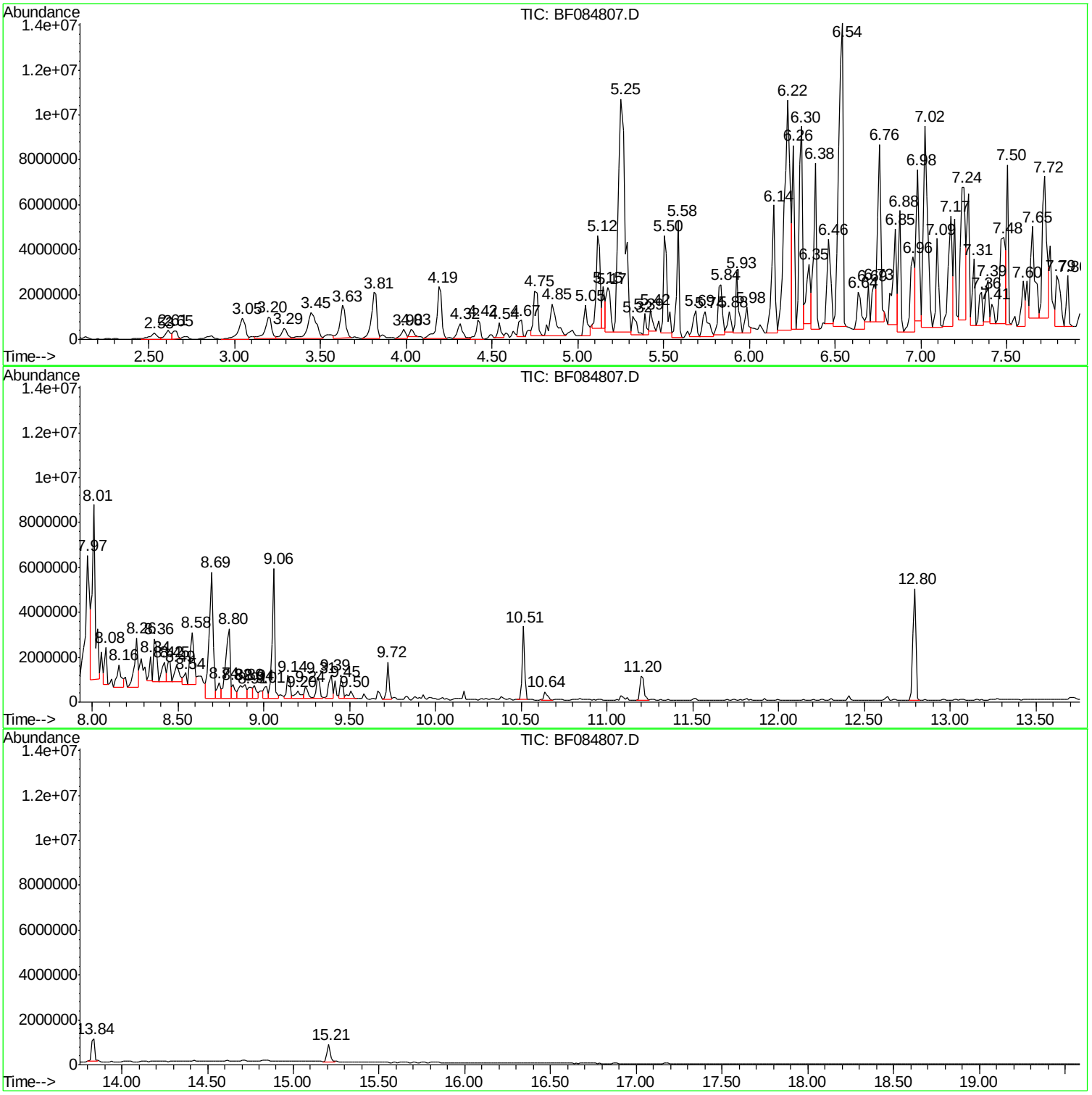
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020316\
Data File : BF084807.D
Acq On : 4 Feb 2016 1:48
Operator : SJ/IZ
Sample : H1312-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B037(15-17)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.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\BF020316\
Data File : BF084807.D
Acq On : 4 Feb 2016 1:48
Operator : SJ/IZ
Sample : H1312-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B037(15-17)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

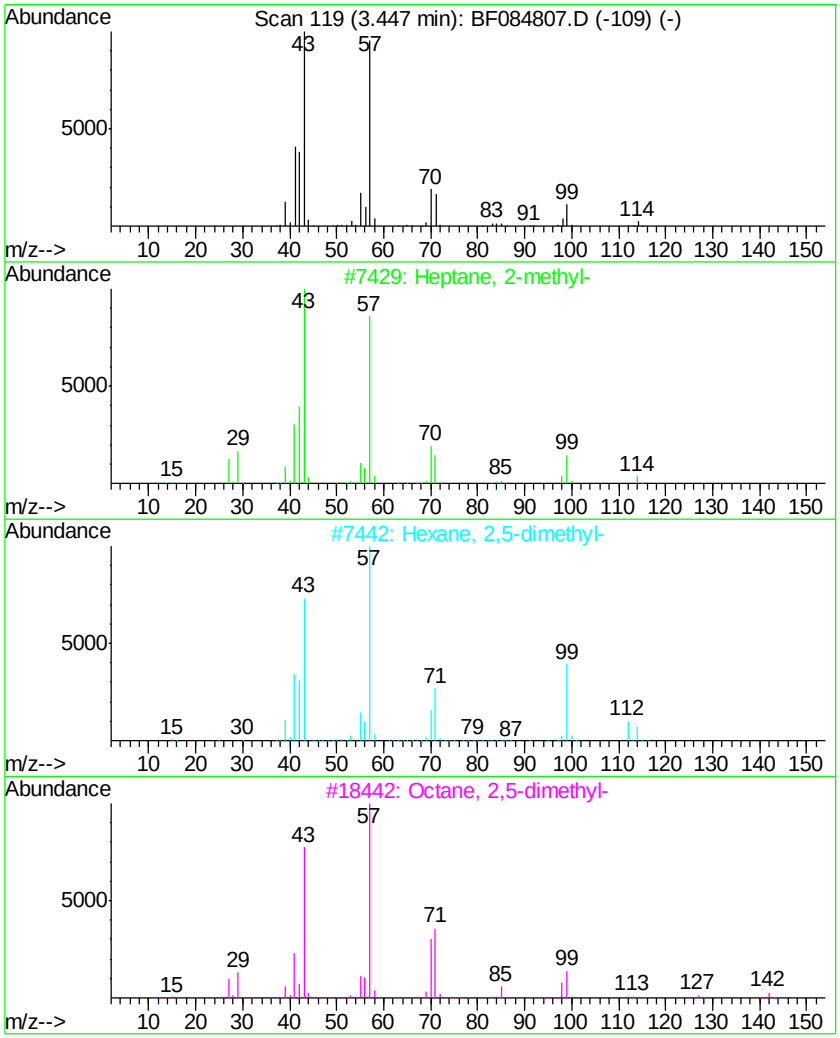
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

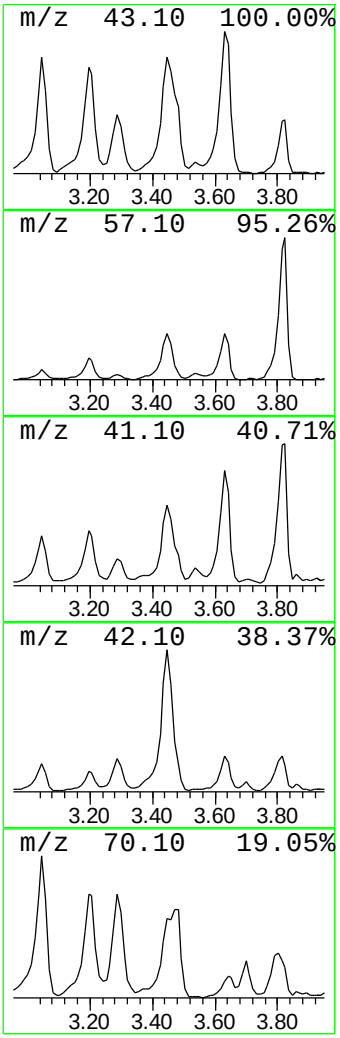
****

Peak Number 1 Heptane, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.45	60.34 ng	3939880	1,4-Dichlorobenzene-d4	6.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2-methyl-	114	C8H18	000592-27-8	83
2	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	83
3	Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	40
4	Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	38
5	Heptane, 3-ethyl-	128	C9H20	015869-80-4	38





Data Path : Z:\HPCHEM1\BNA F\DATA\BF020316\
Data File : BF084807.D
Acq On : 4 Feb 2016 1:48
Operator : SJ/IZ
Sample : H1312-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B037(15-17)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

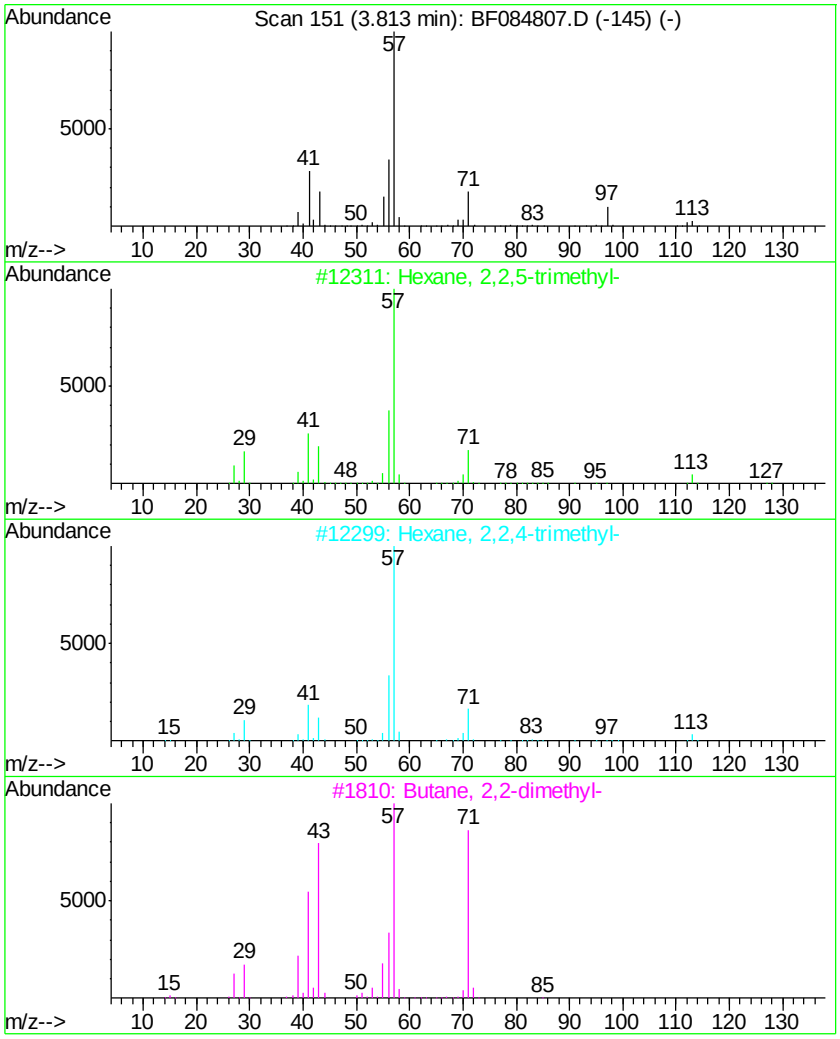
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

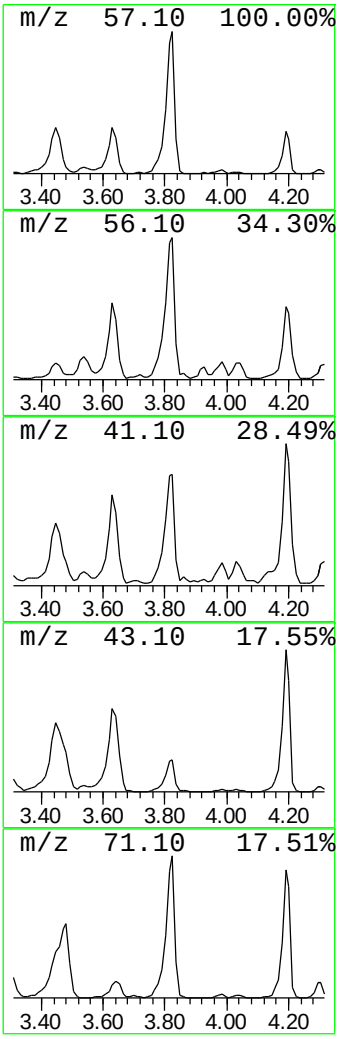
****

Peak Number 2 Hexane, 2,2,5-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.81	71.98 ng	4699590	1,4-Dichlorobenzene-d4	6.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	72
2	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	64
3	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	59
4	Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	50
5	Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	47





Data Path : Z:\HPCHEM1\BNA F\DATA\BF020316\
Data File : BF084807.D
Acq On : 4 Feb 2016 1:48
Operator : SJ/IZ
Sample : H1312-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B037(15-17)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.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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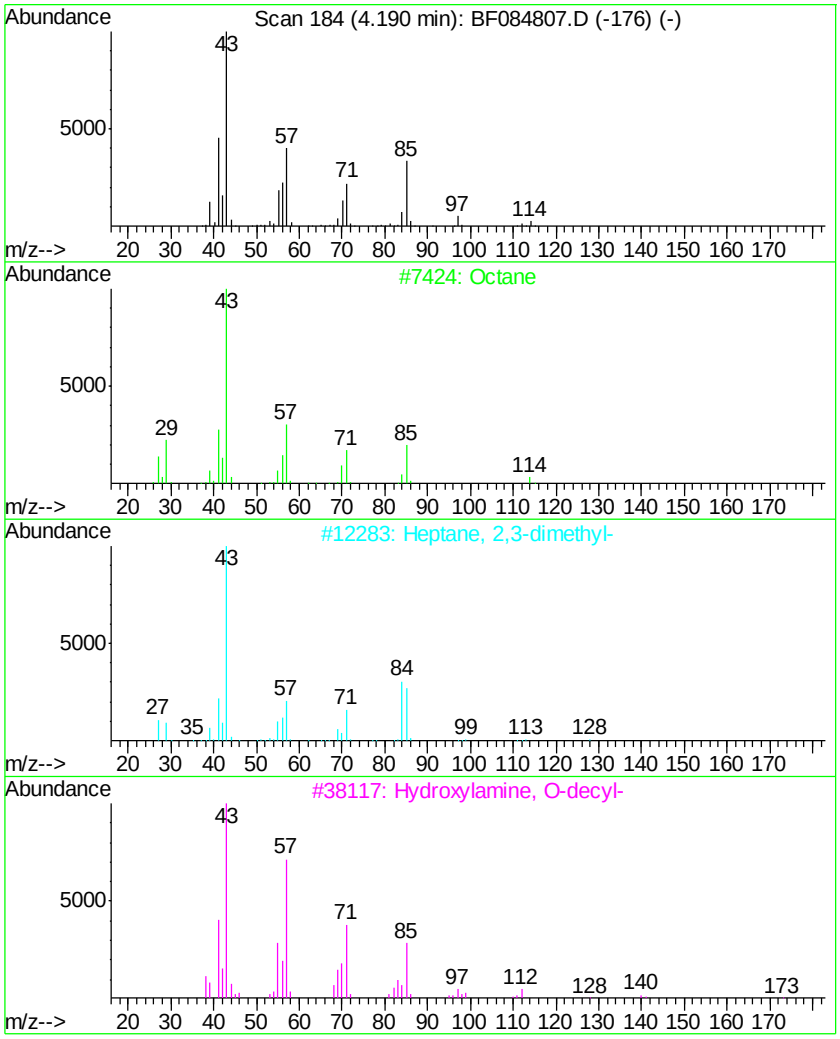
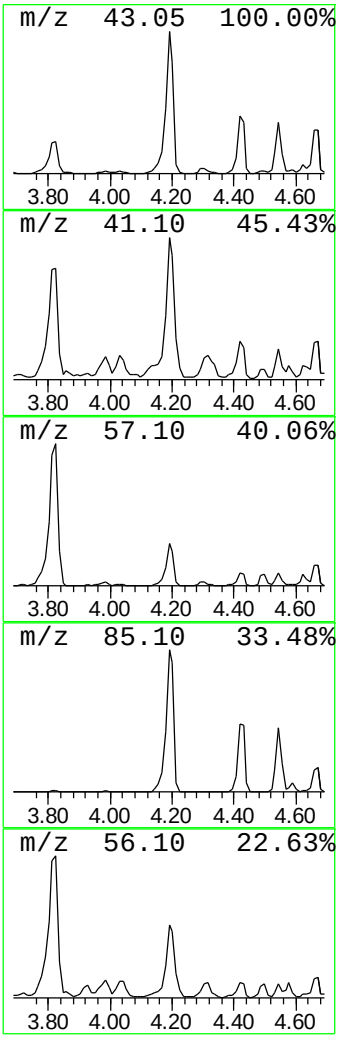
Peak Number 3 Octane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.19	74.13 ng	4839750	1,4-Dichlorobenzene-d4	6.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane	114	C8H18	000111-65-9	91
2	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	78
3	Hydroxylamine, O-decyl-	173	C10H23NO	029812-79-1	78
4	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	68
5	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	64





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020316\
Data File : BF084807.D
Acq On : 4 Feb 2016 1:48
Operator : SJ/IZ
Sample : H1312-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B037(15-17)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

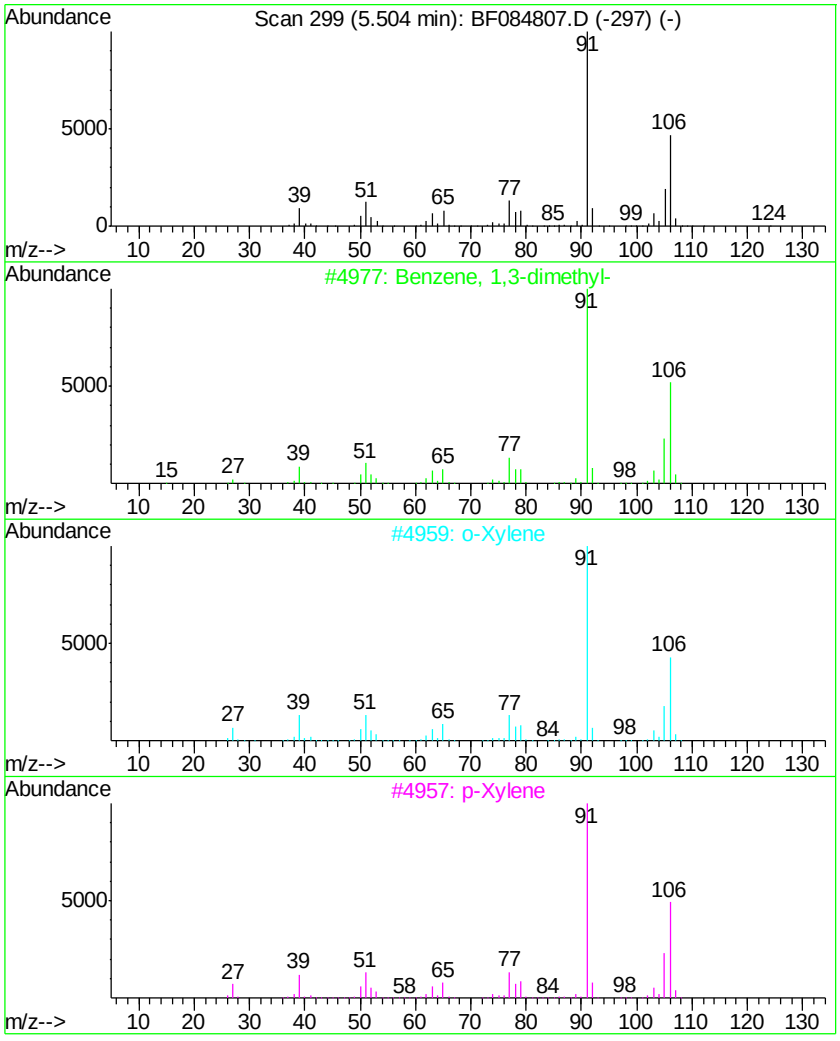
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

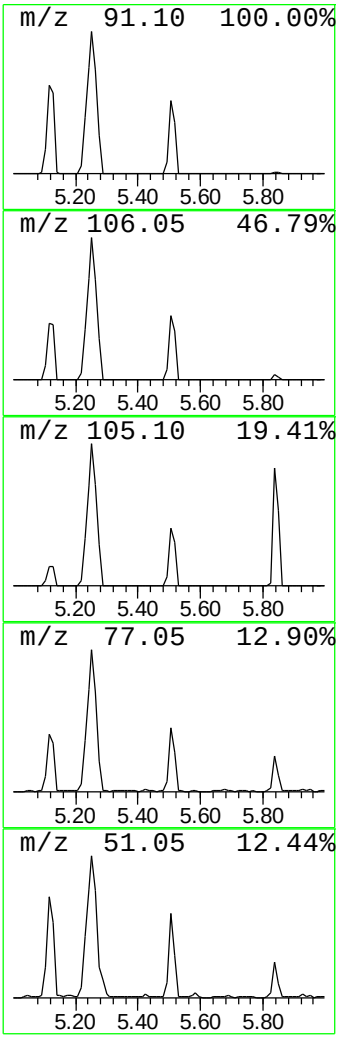
****

Peak Number 5 Benzene, 1,3-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.50	103.53 ng	6759820	1,4-Dichlorobenzene-d4	6.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
2	o-Xylene	106	C8H10	000095-47-6	97
3	p-Xylene	106	C8H10	000106-42-3	97
4	1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	91
5	Ethylbenzene	106	C8H10	000100-41-4	87





Data Path : Z:\HPCHEM1\BNA F\DATA\BF020316\
Data File : BF084807.D
Acq On : 4 Feb 2016 1:48
Operator : SJ/IZ
Sample : H1312-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B037(15-17)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

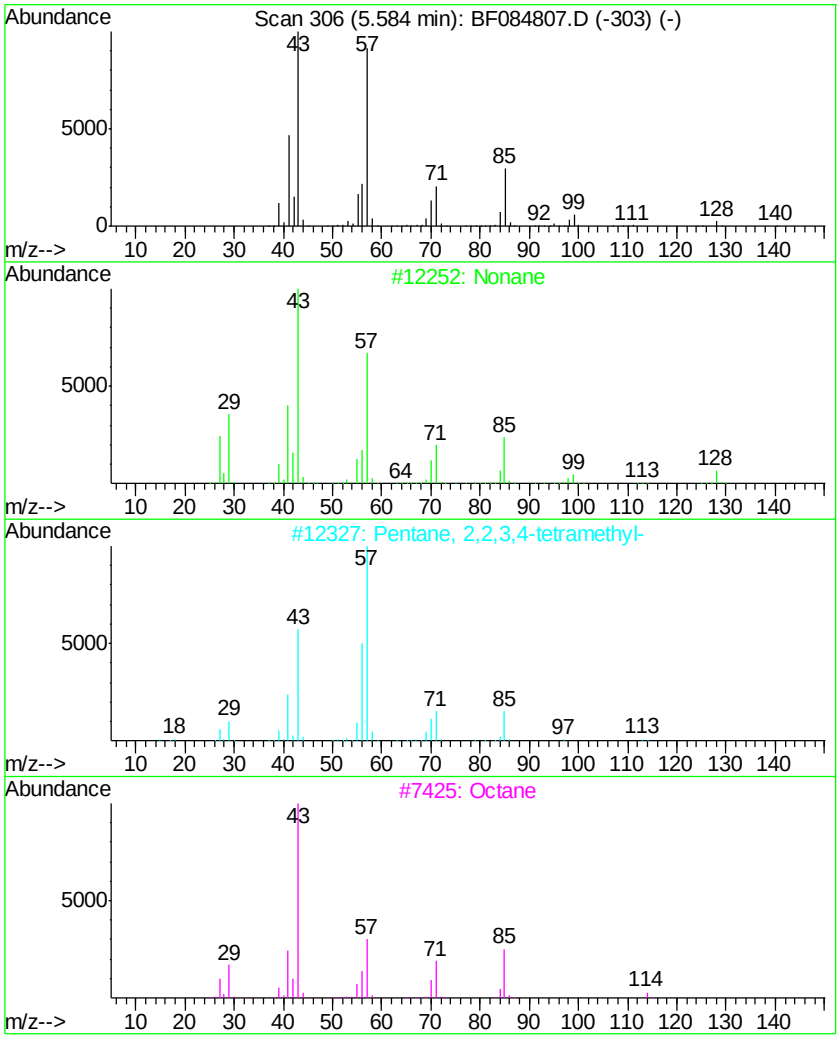
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

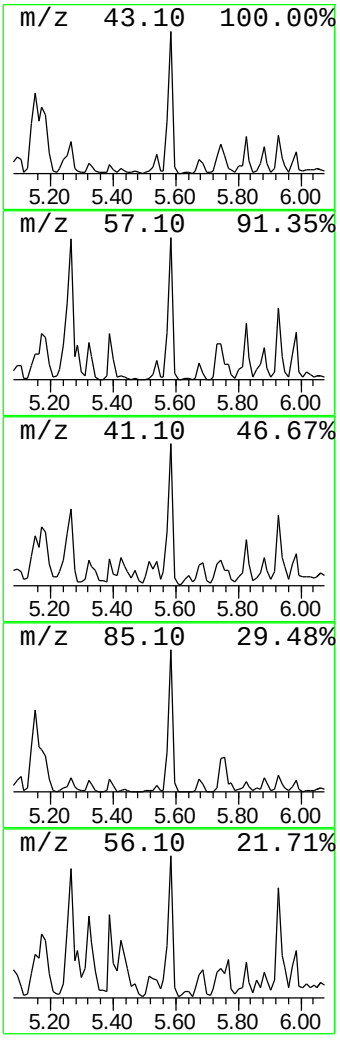
****

Peak Number 6 Nonane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.58	79.90 ng	5216760	1,4-Dichlorobenzene-d4	6.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane	128	C9H20	000111-84-2	90
2	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	59
3	Octane	114	C8H18	000111-65-9	59
4	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	59
5	Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	59





Data Path : Z:\HPCHEM1\BNA F\DATA\BF020316\
Data File : BF084807.D
Acq On : 4 Feb 2016 1:48
Operator : SJ/IZ
Sample : H1312-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B037(15-17)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.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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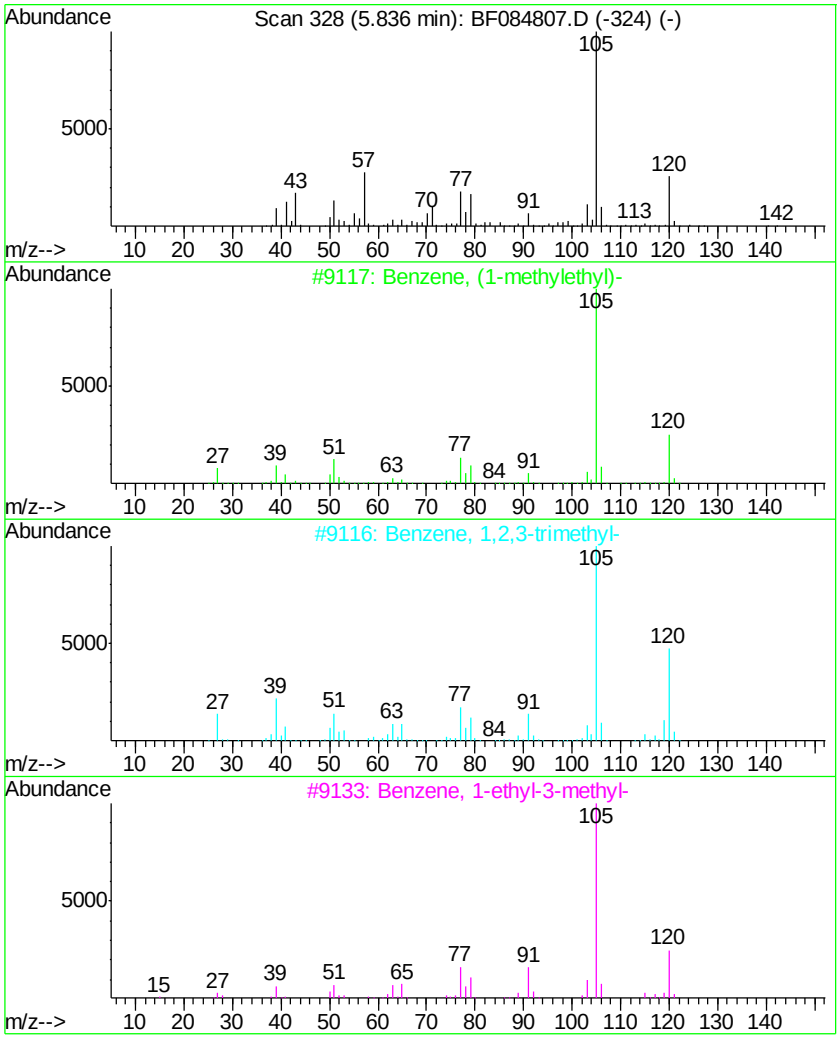
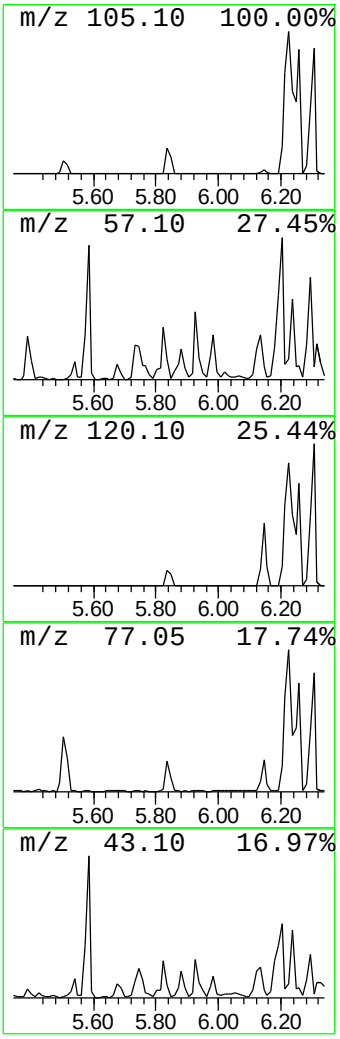
Peak Number 7 Benzene, (1-methylethyl)- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.84	65.26 ng	4260660	1,4-Dichlorobenzene-d4	6.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	90
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	87
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	64
4	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	64
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	64





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Data File : BF084807.D
Acq On : 4 Feb 2016 1:48
Operator : SJ/IZ
Sample : H1312-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B037(15-17)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.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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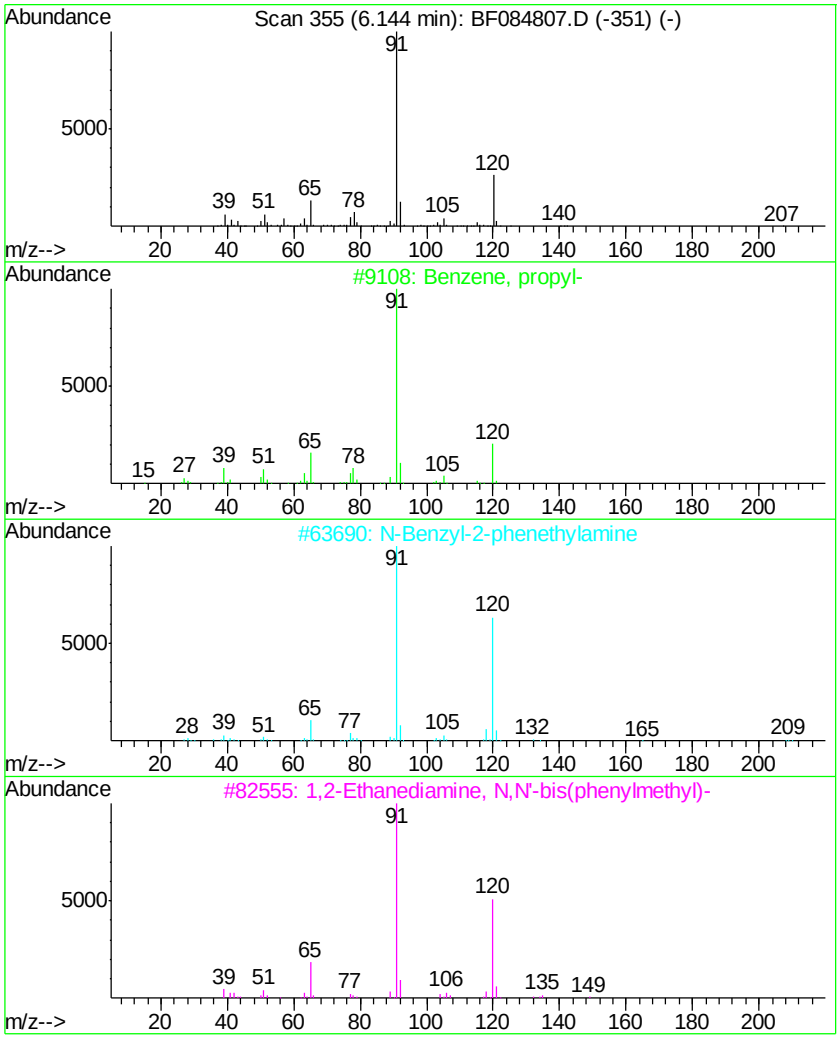
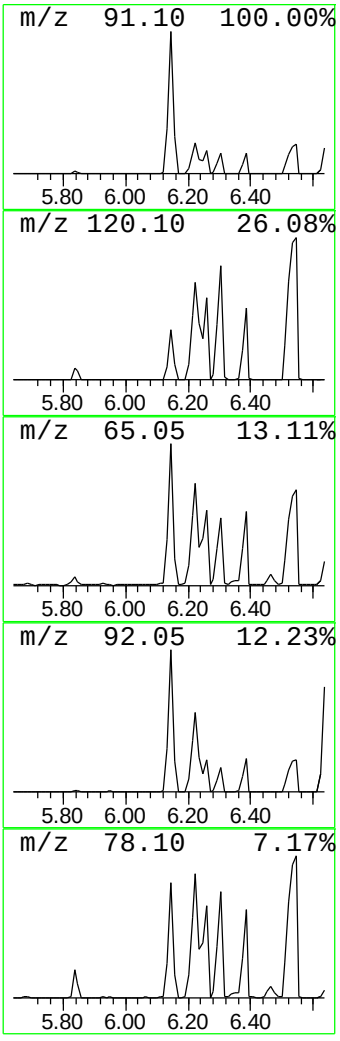
Peak Number 8 Benzene, propyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.14	123.26 ng	8047810	1,4-Dichlorobenzene-d4	6.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	94
2	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	78
3	1,2-Ethanediamine, N,N'-bis(phen...	240	C16H20N2	000140-28-3	64
4	Propanenitrile, 3-[(phenylmethyl...	160	C10H12N2	000706-03-6	59
5	Benzeneacetaldehyde	120	C8H8O	000122-78-1	58





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Operator : SJ/IZ
Sample : H1312-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B037(15-17)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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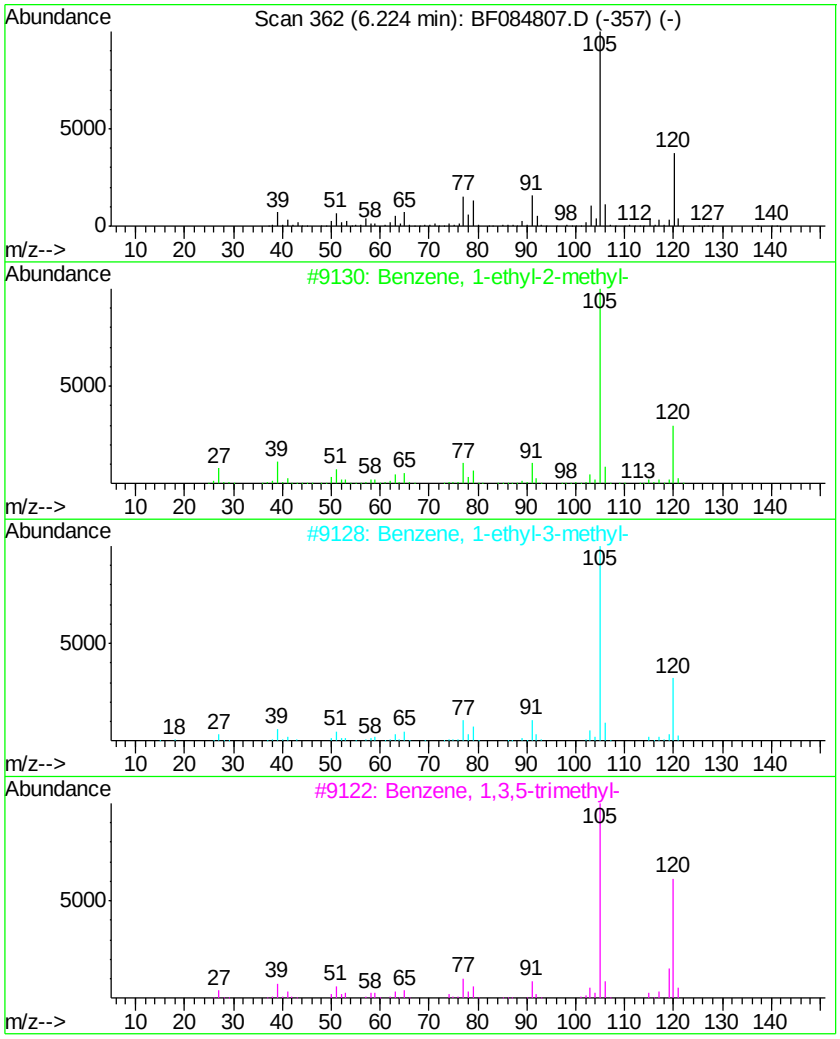
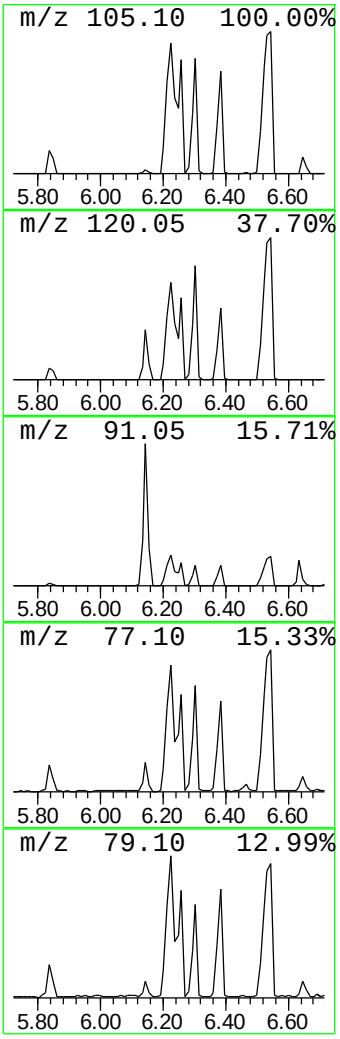
Peak Number 9 Benzene, 1-ethyl-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.22	404.81 ng	26430900	1,4-Dichlorobenzene-d4	6.69

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	94
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, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90





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Sample : H1312-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B037(15-17)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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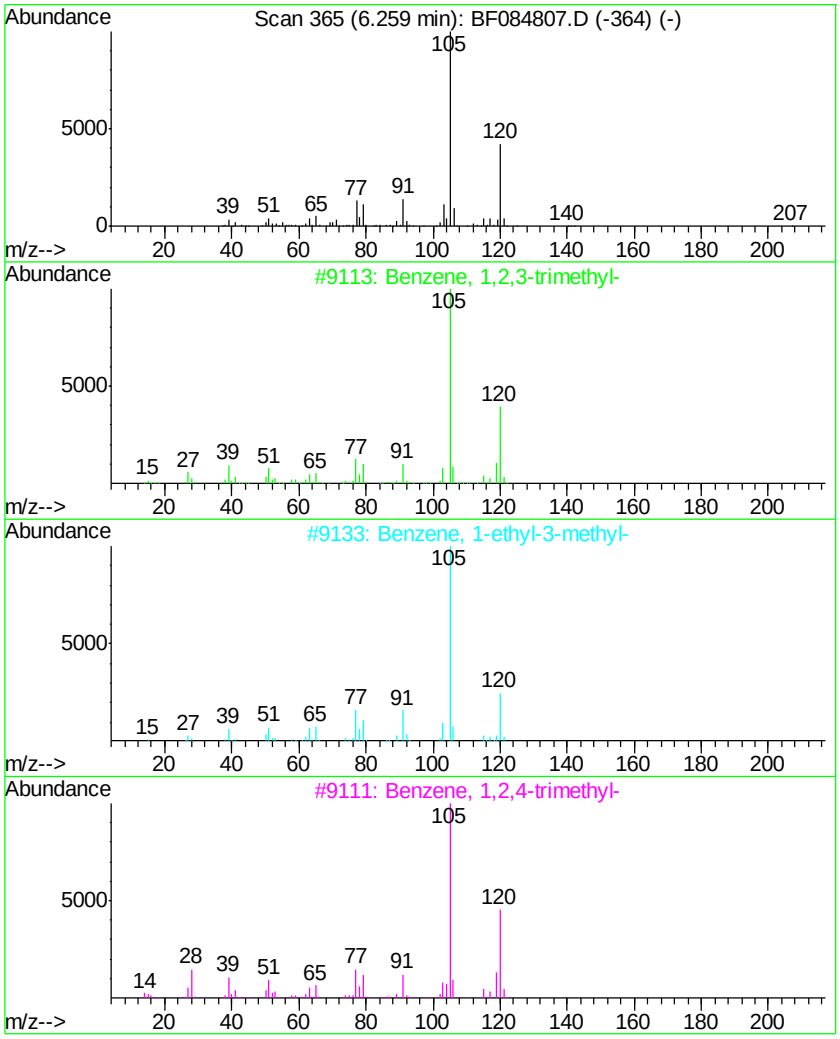
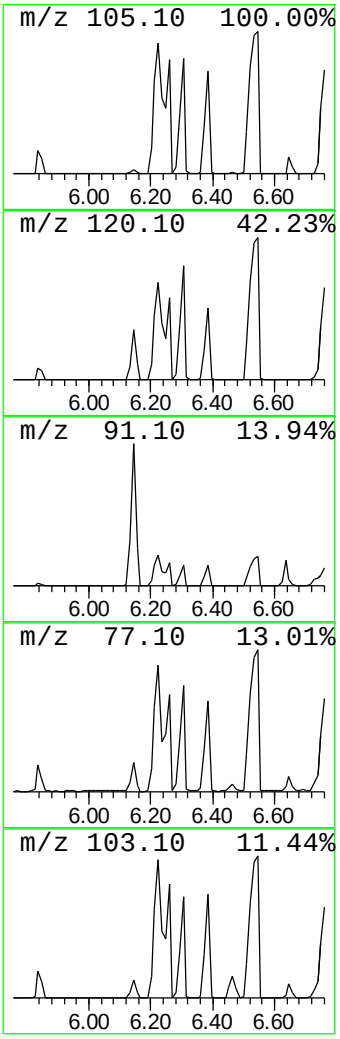
Peak Number 10 Benzene, 1,2,3-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.26	85.93 ng	5610570	1,4-Dichlorobenzene-d4	6.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





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Sample : H1312-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B037(15-17)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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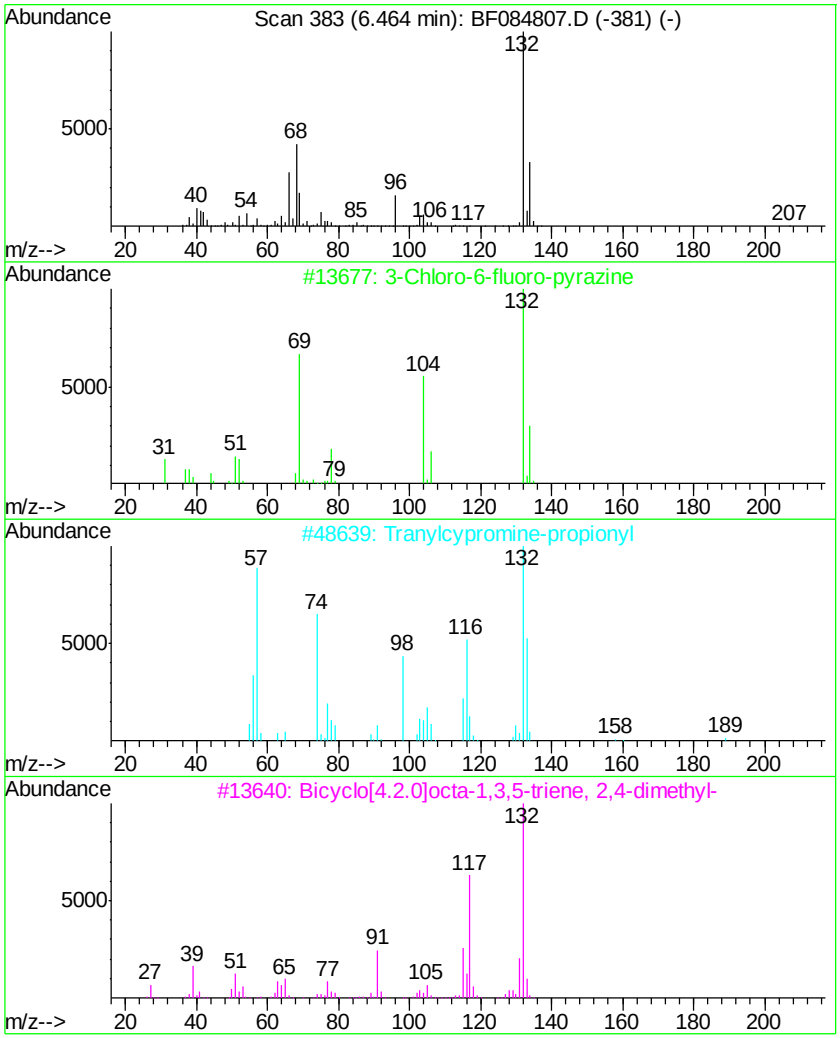
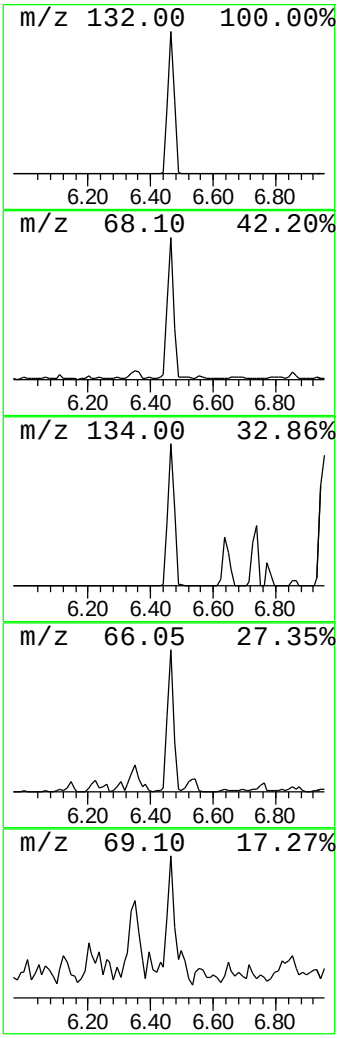
Peak Number 11 unknown6.46 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.46	78.06 ng	5096690	1,4-Dichlorobenzene-d4	6.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





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Acq On : 4 Feb 2016 1:48
Operator : SJ/IZ
Sample : H1312-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B037(15-17)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.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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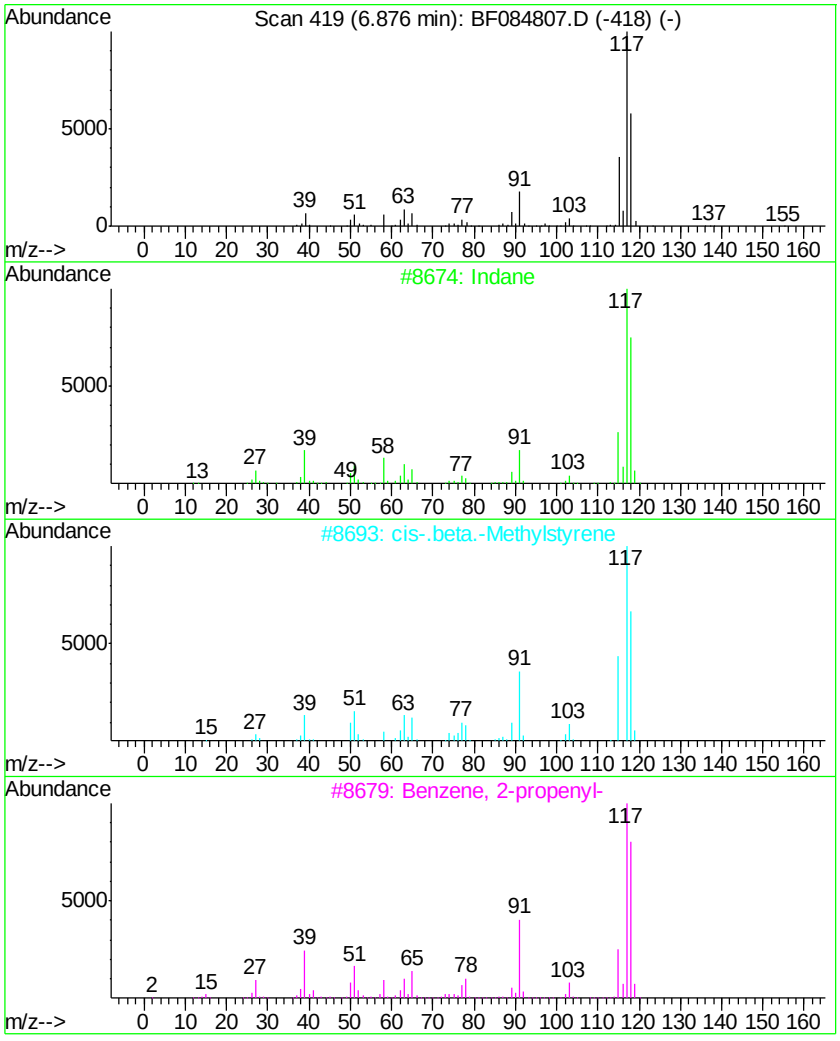
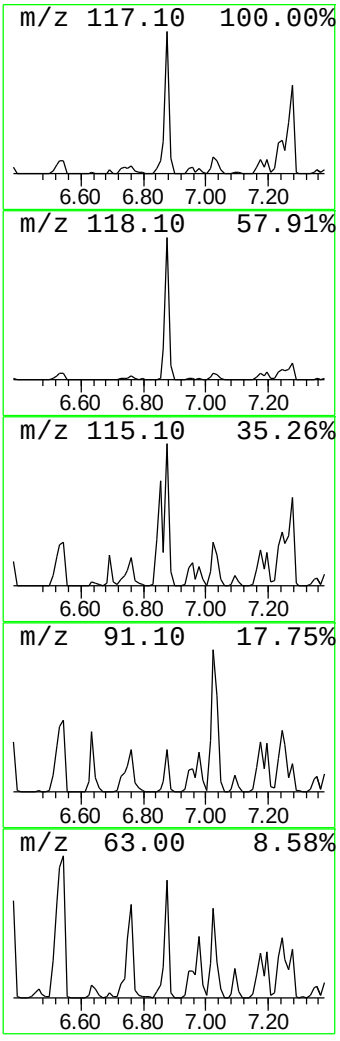
Peak Number 15 Indane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.88	62.48 ng	4079730	1,4-Dichlorobenzene-d4	6.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	87
2	cis-.beta.-Methylstyrene	118	C9H10	000766-90-5	74
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	64
4	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	64
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	64





Library Search Compound Report

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Data File : BF084807.D
Acq On : 4 Feb 2016 1:48
Operator : SJ/IZ
Sample : H1312-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B037(15-17)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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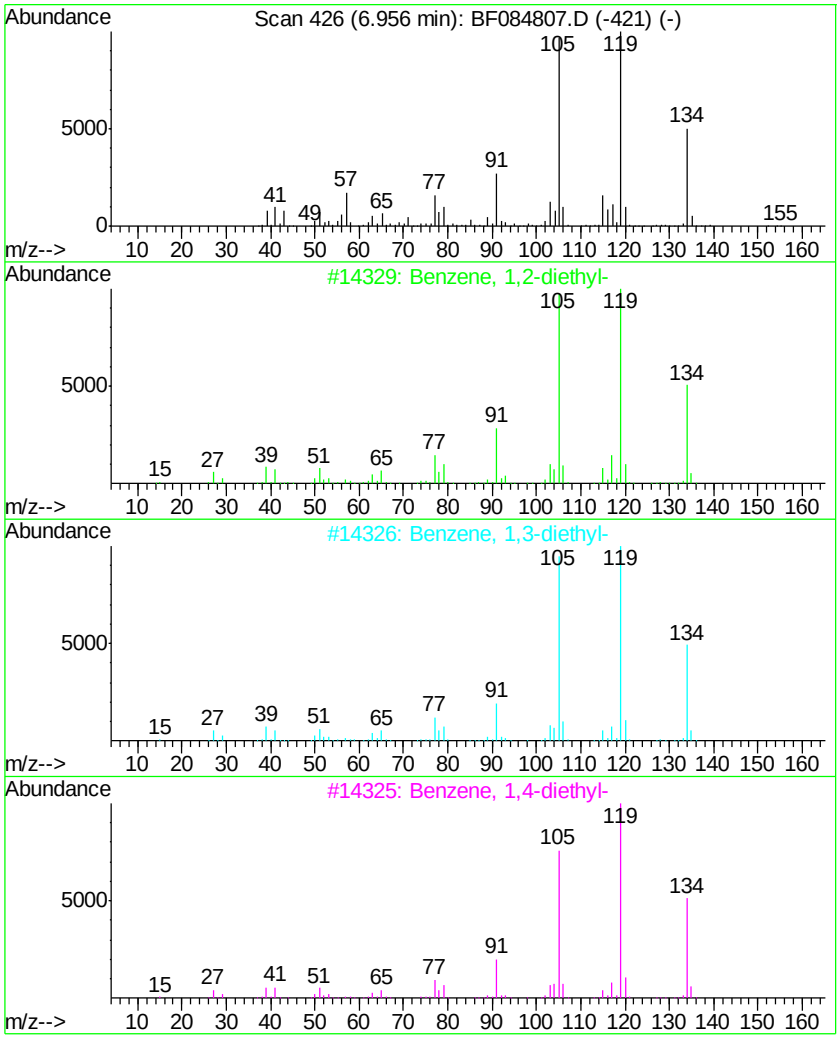
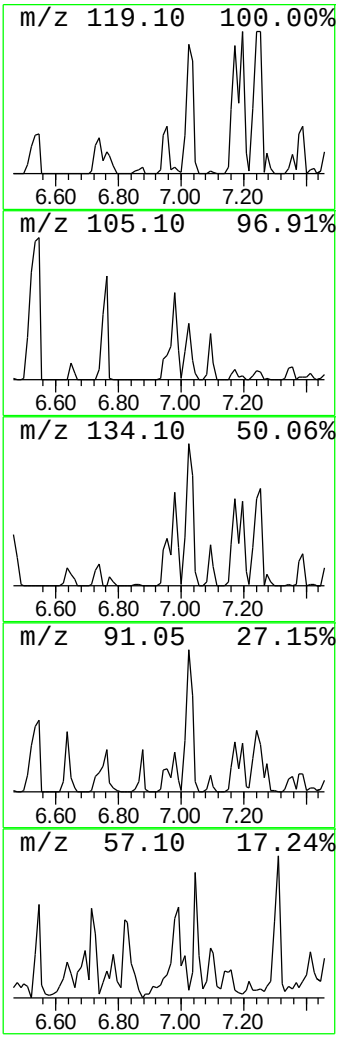
Peak Number 16 Benzene, 1,2-diethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.96	107.40 ng	7012080	1,4-Dichlorobenzene-d4	6.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	95
2	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	94
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	87
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	72





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Acq On : 4 Feb 2016 1:48
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Sample : H1312-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B037(15-17)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.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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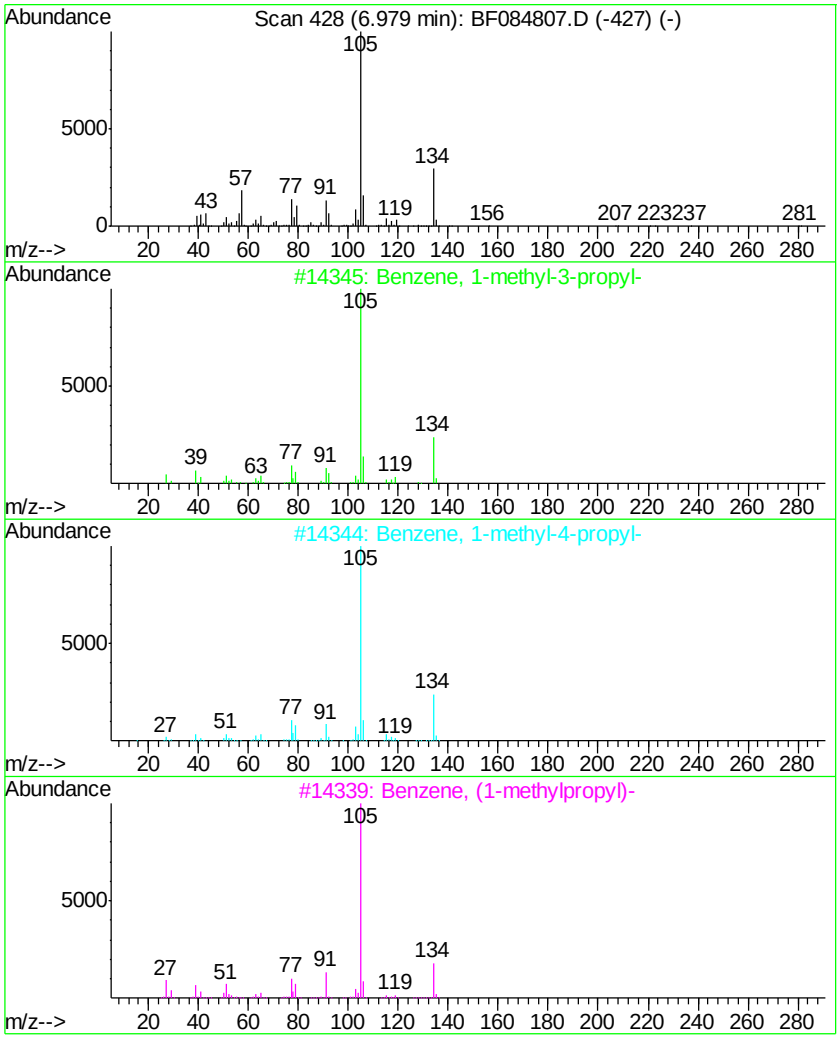
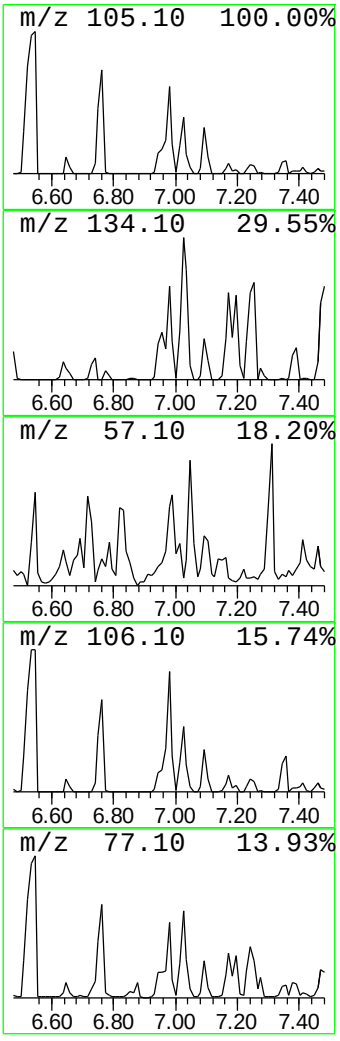
Peak Number 17 Benzene, 1-methyl-3-propyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.98	105.15 ng	6865570	1,4-Dichlorobenzene-d4	6.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	93
2	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	87
3	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	80
4	Oxirane, 2-methyl-2-phenyl-	134	C9H10O	002085-88-3	74
5	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	70





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Acq On : 4 Feb 2016 1:48
Operator : SJ/IZ
Sample : H1312-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B037(15-17)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.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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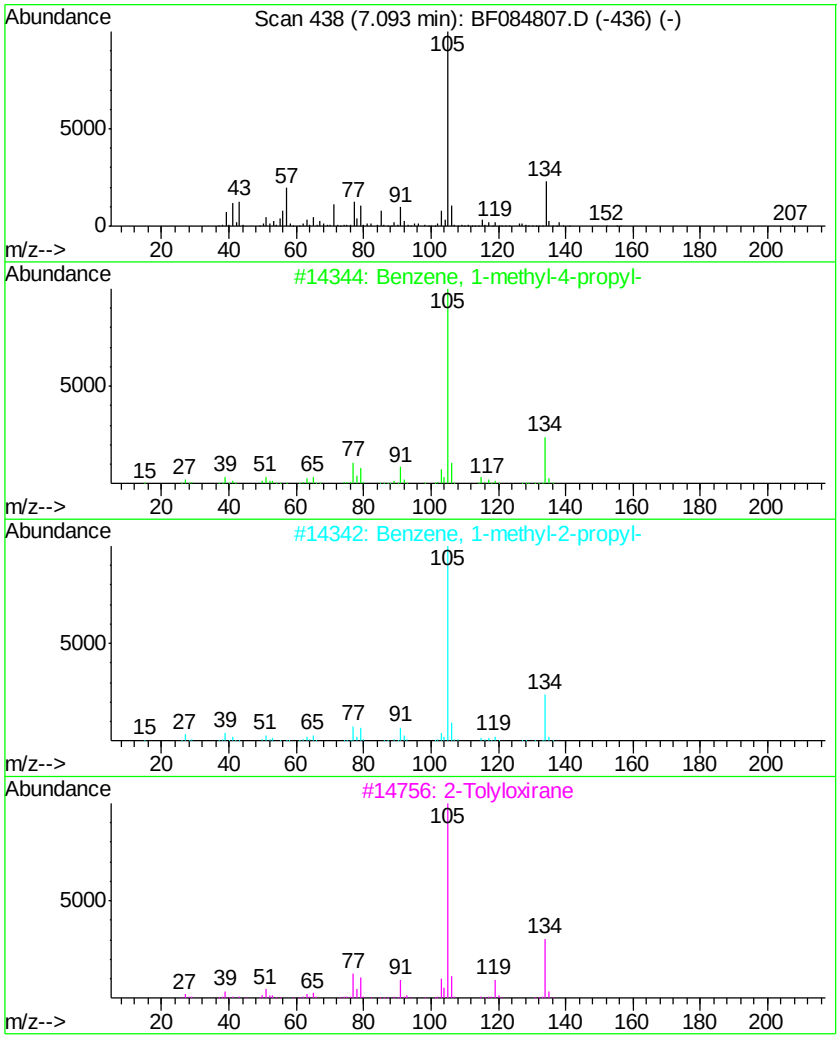
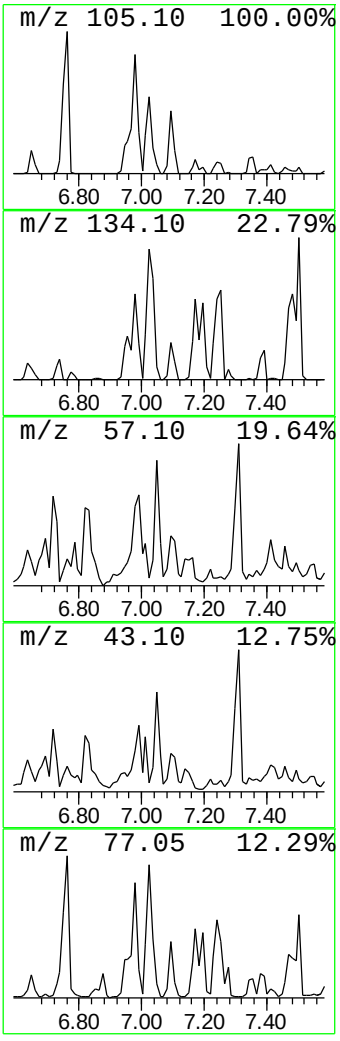
Peak Number 19 Benzene, 1-methyl-4-propyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.09	68.77 ng	4490410	1,4-Dichlorobenzene-d4	6.69

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	93
3	2-Tolyloxirane	134	C9H10O	002783-26-8	81
4	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	74
5	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	72





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Sample : H1312-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B037(15-17)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.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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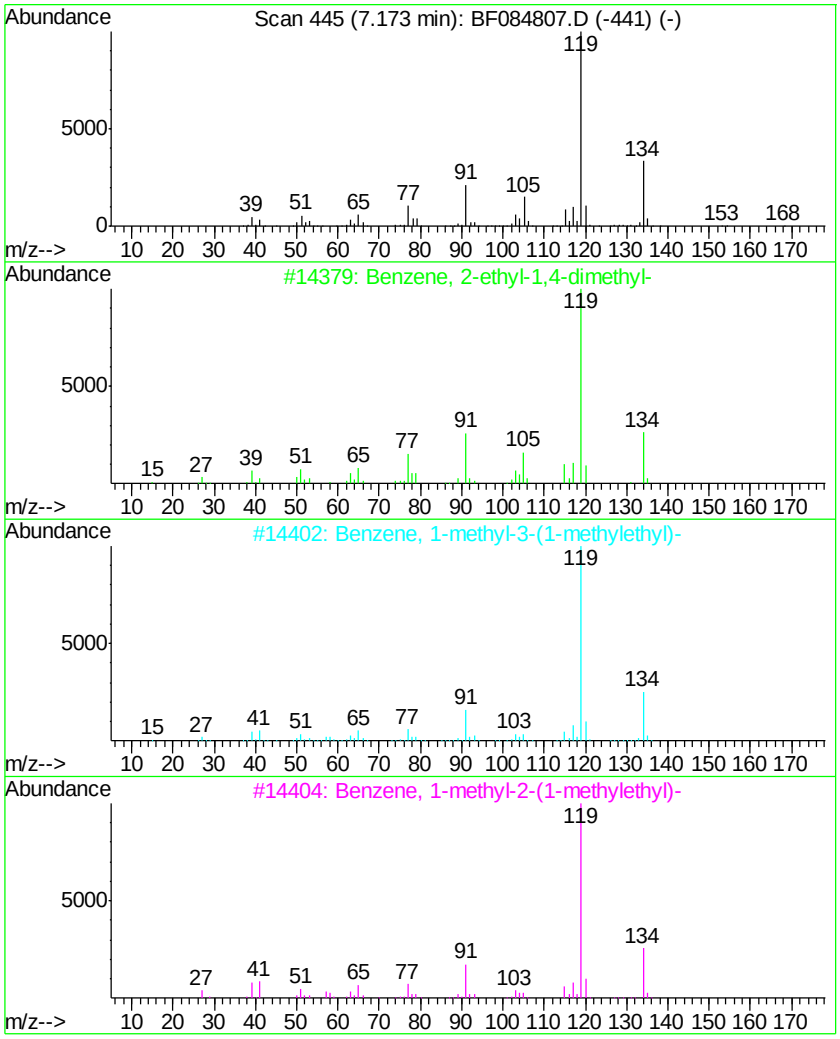
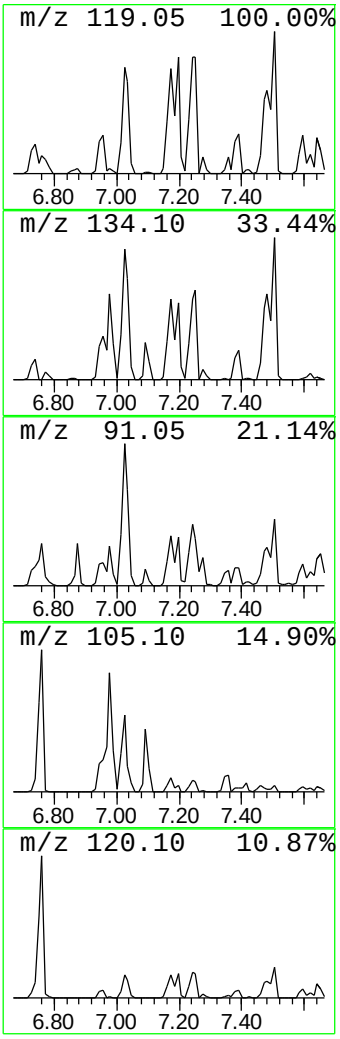
Peak Number 20 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.17	113.39 ng	7403570	1,4-Dichlorobenzene-d4	6.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
3	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	95
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94





Tentatively Identified Compound (LSC) summary

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Data File : BF084807.D
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Operator : SJ/IZ
Sample : H1312-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B037(15-17)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.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
Heptane, 2-methyl-	3.45	60.3	ng	3939880	1	6.69	1305830	20.0
Hexane, 2,2,5-tri...	3.81	72.0	ng	4699590	1	6.69	1305830	20.0
Octane	4.19	74.1	ng	4839750	1	6.69	1305830	20.0
Benzene, 1,3-dime...	5.50	103.5	ng	6759820	1	6.69	1305830	20.0
Nonane	5.58	79.9	ng	5216760	1	6.69	1305830	20.0
Benzene, (1-methy...	5.84	65.3	ng	4260660	1	6.69	1305830	20.0
Benzene, propyl-	6.14	123.3	ng	8047810	1	6.69	1305830	20.0
Benzene, 1-ethyl-...	6.22	404.8	ng	26430900	1	6.69	1305830	20.0
Benzene, 1,2,3-tr...	6.26	85.9	ng	5610570	1	6.69	1305830	20.0
unknown6.46	6.46	78.1	ng	5096690	1	6.69	1305830	20.0
Indane	6.88	62.5	ng	4079730	1	6.69	1305830	20.0
Benzene, 1,2-diet...	6.96	107.4	ng	7012080	1	6.69	1305830	20.0
Benzene, 1-methyl...	6.98	105.2	ng	6865570	1	6.69	1305830	20.0
Benzene, 1-methyl...	7.09	68.8	ng	4490410	1	6.69	1305830	20.0
Benzene, 2-ethyl-...	7.17	113.4	ng	7403570	1	6.69	1305830	20.0