LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020616\
Data File : BF084914.D
Acq On : 6 Feb 2016 16:21
Operator : SJ/IZ
Sample : H1330-02
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S4-B004(21-23)

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	2.384	24	26	29	rVB	182749	214335	3.70%	0.355%
2	3.070	83	86	90	rVB	40520	67015	1.16%	0.111%
3	3.447	116	119	123	rBV	44346	91638	1.58%	0.152%
4	4.121	175	178	183	rBV	813718	1213601	20.97%	2.011%
5	4.327	194	196	197	rVB	75405	99723	1.72%	0.165%
6	4.361	197	199	204	rVB	38333	64030	1.11%	0.106%
7	4.830	238	240	249	rVB	1043995	1891745	32.68%	3.135%
8	5.081	260	262	265	rBV	695171	852443	14.73%	1.413%
9	5.207	270	273	276	rBV	1392290	1969987	34.03%	3.264%
10	5.264	276	278	281	rBV	3920679	4895535	84.57%	8.112%
11	5.470	294	296	299	rVB	554086	716797	12.38%	1.188%
12	5.813	324	326	328	rVB	94479	79166	1.37%	0.131%
13	6.110	350	352	356	rVB	255851	215073	3.72%	0.356%
14	6.178	356	358	360	rBV	589279	509251	8.80%	0.844%
15	6.213	360	361	363	rVB	233519	165875	2.87%	0.275%
16	6.258	363	365	367	rVB	549552	452076	7.81%	0.749%
17	6.316	367	370	374	rBV	3661083	5096385	88.04%	8.445%
18	6.384	374	376	378	rVV	194432	288307	4.98%	0.478%
19	6.430	378	380	383	rVB	4257331	5107216	88.23%	8.463%
20	6.487	383	385	387	rBV	1000466	834205	14.41%	1.382%
21	6.659	398	400	402	rBV	1330146	1088960	18.81%	1.804%
22	6.716	404	405	409	rVV	517141	464685	8.03%	0.770%
23	6.784	409	411	412	rVV	64972	63801	1.10%	0.106%
24	6.819	412	414	415	rVV	4792503	4388263	75.81%	7.272%
25	6.841	415	416	418	rVB	627607	441989	7.64%	0.732%
26	6.921	420	423	427	rBV2	111954	215279	3.72%	0.357%
27	6.990	427	429	433	rVB	236412	257421	4.45%	0.427%
28	7.059	433	435	438	rBV	71360	87611	1.51%	0.145%
29	7.139	440	442	445	rVB	86917	154120	2.66%	0.255%
30	7.230	445	450	453	rBV	2976965	3889870	67.20%	6.446%
31	7.356	459	461	463	rBV	70564	83680	1.45%	0.139%
32	7.436	466	468	469	rBV	140289	124251	2.15%	0.206%
33	7.459	469	470	472	rVB	131126	174792	3.02%	0.290%
34	7.619	482	484	487	rVB	251179	236462	4.08%	0.392%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020616\
Data File : BF084914.D
Acq On : 6 Feb 2016 16:21
Operator : SJ/IZ
Sample : H1330-02
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S4-B004(21-23)

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	7.687	487	490	492	rBV	445162	518106	8.95%	0.859%
36	7.790	496	499	500	rVB3	49635	78472	1.36%	0.130%
37	7.950	510	513	516	rBV2	1290392	2888884	49.91%	4.787%
38	8.019	516	519	520	rVB2	104503	125579	2.17%	0.208%
39	8.339	543	547	549	rVB	41603	83359	1.44%	0.138%
40	8.419	549	554	555	rBV	55990	63782	1.10%	0.106%
41	8.613	567	571	572	rVB2	67415	73896	1.28%	0.122%
42	8.659	572	575	577	rBV	545831	459500	7.94%	0.761%
43	8.750	581	583	586	rVB	177672	234465	4.05%	0.389%
44	9.024	604	607	610	rVB	5120331	5788629	100.00%	9.592%
45	9.699	663	666	667	rBV	1196928	1437100	24.83%	2.381%
46	9.722	667	668	671	rVB	172054	165234	2.85%	0.274%
47	9.893	681	683	686	rBV	84537	103098	1.78%	0.171%
48	10.236	709	713	716	rVB2	110489	123032	2.13%	0.204%
49	10.487	732	735	737	rBV	3262861	3696072	63.85%	6.125%
50	11.173	792	795	796	rBV	1578294	1363033	23.55%	2.259%
51	11.196	796	797	799	rVB	129596	91739	1.58%	0.152%
52	11.893	856	858	864	rVB	54770	75588	1.31%	0.125%
53	12.602	917	920	922	rBV	178644	220096	3.80%	0.365%
54	12.762	931	934	937	rBV	4496070	4358819	75.30%	7.223%
55	13.299	979	981	983	rBV	181688	155686	2.69%	0.258%
56	13.802	1022	1025	1027	rBV	1031569	913105	15.77%	1.513%
57	15.174	1142	1145	1147	rBV	710685	835673	14.44%	1.385%

Sum of corrected areas: 60348534

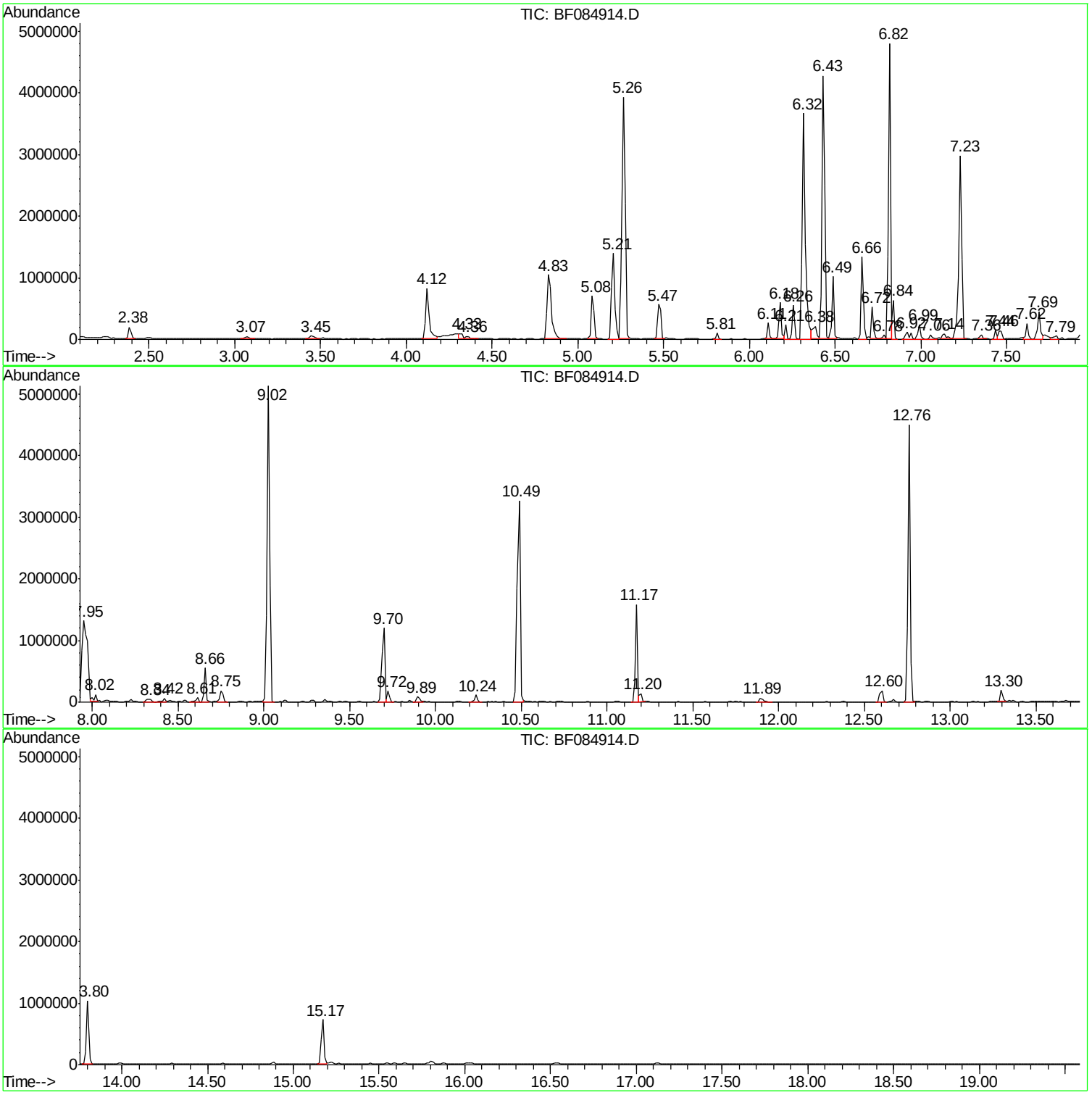
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020616\
Data File : BF084914.D
Acq On : 6 Feb 2016 16:21
Operator : SJ/IZ
Sample : H1330-02
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S4-B004(21-23)

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\BF020616\
Data File : BF084914.D
Acq On : 6 Feb 2016 16:21
Operator : SJ/IZ
Sample : H1330-02
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S4-B004(21-23)

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

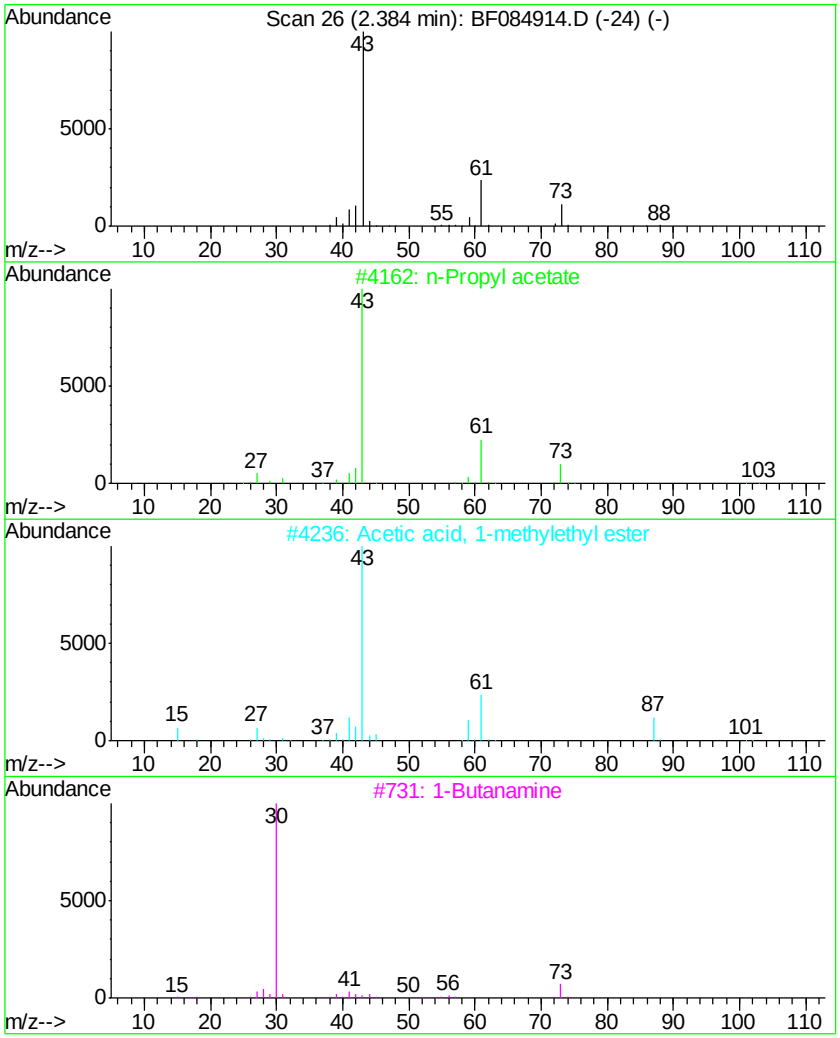
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

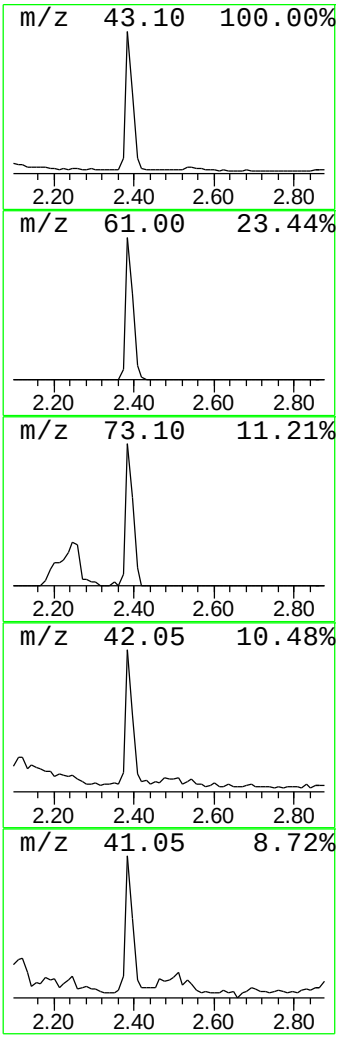
****

Peak Number 1 n-Propyl acetate Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.38	3.94 ng	214335	1,4-Dichlorobenzene-d4	6.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Propyl acetate	102	C5H10O2	000109-60-4	78
2	Acetic acid, 1-methylethyl ester	102	C5H10O2	000108-21-4	9
3	1-Butanamine	73	C4H11N	000109-73-9	7
4	Isobutylamine	73	C4H11N	000078-81-9	5
5	Pentane	72	C5H12	000109-66-0	4





Data Path : Z:\HPCHEM1\BNA F\DATA\BF020616\
Data File : BF084914.D
Acq On : 6 Feb 2016 16:21
Operator : SJ/IZ
Sample : H1330-02
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S4-B004(21-23)

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

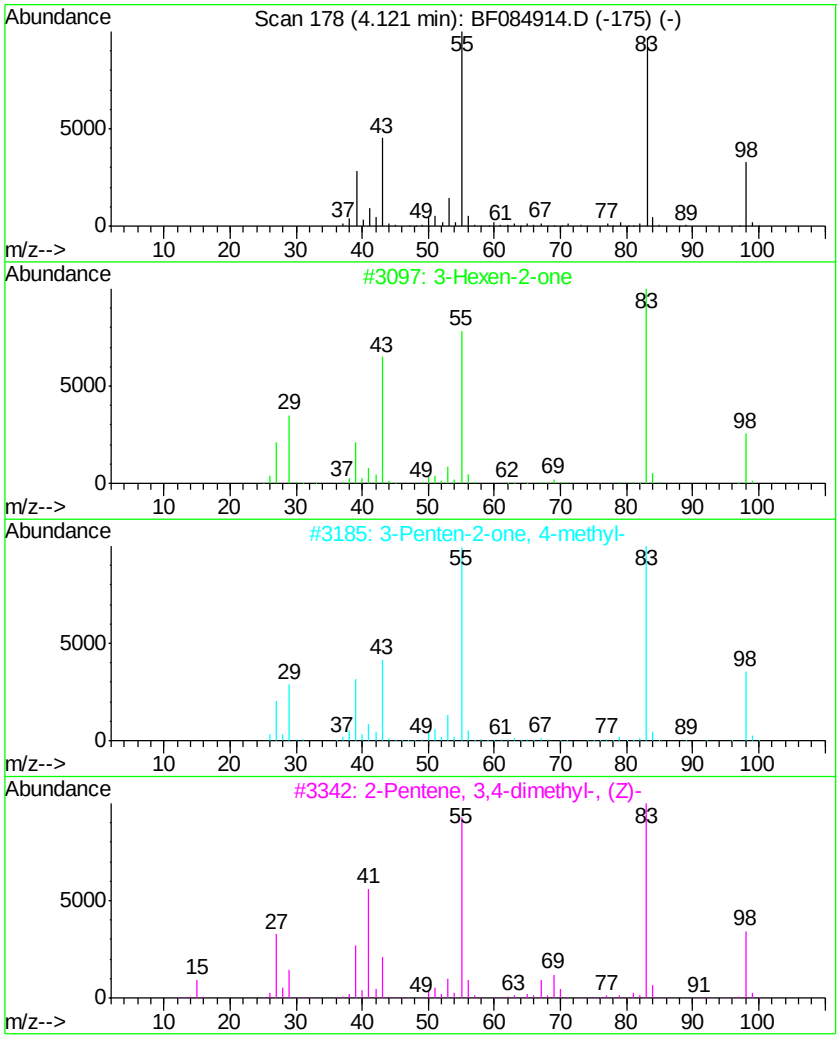
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

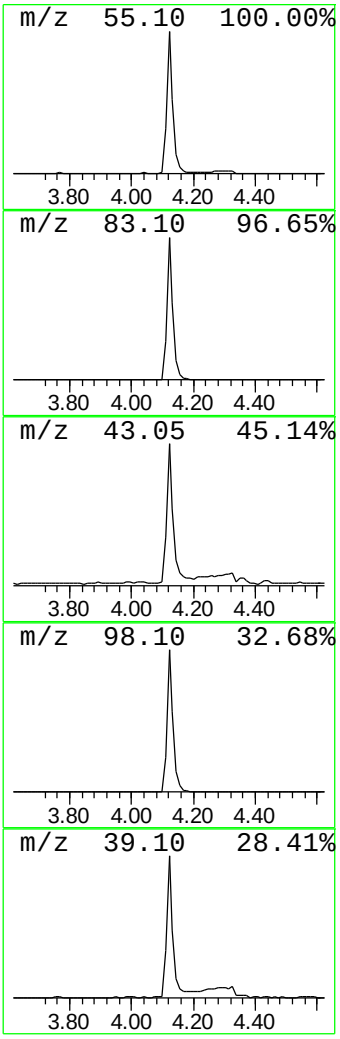
****

Peak Number 2 3-Hexen-2-one Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.12	22.29 ng	1213600	1,4-Dichlorobenzene-d4	6.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexen-2-one	98	C6H10O	000763-93-9	91
2	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
3	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	86
4	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	86
5	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	78





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020616\
Data File : BF084914.D
Acq On : 6 Feb 2016 16:21
Operator : SJ/IZ
Sample : H1330-02
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S4-B004(21-23)

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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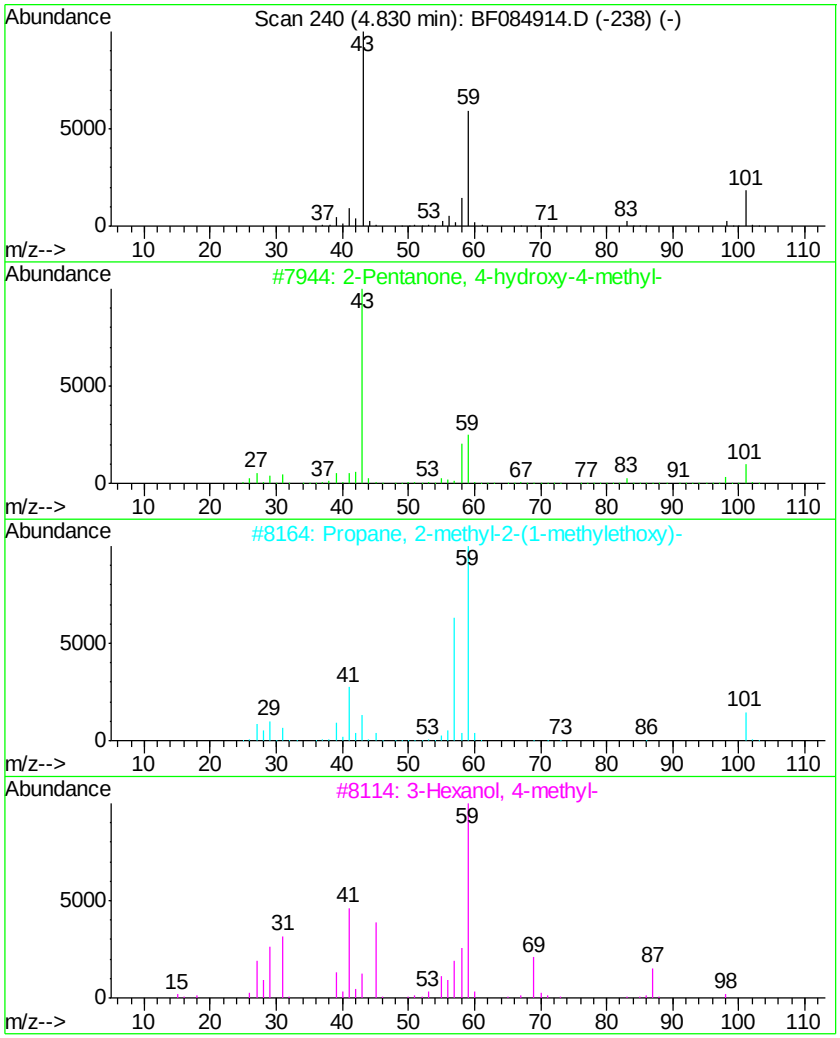
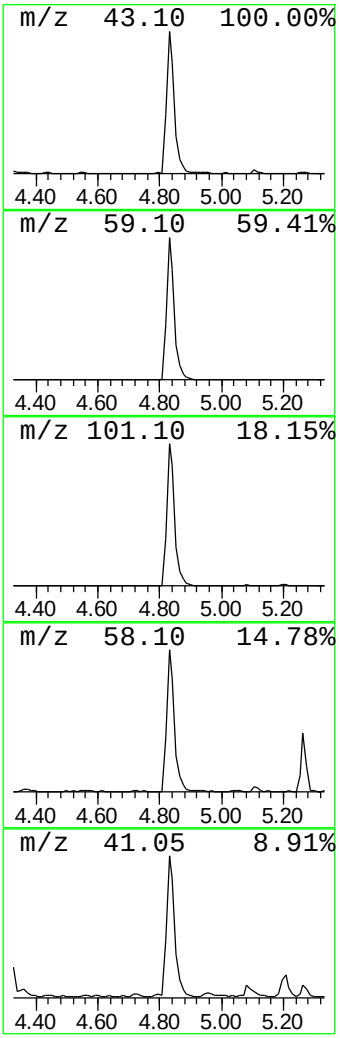
Peak Number 3 unknown4.83 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.83	34.74 ng	1891750	1,4-Dichlorobenzene-d4	6.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25





Data Path : Z:\HPCHEM1\BNA F\DATA\BF020616\
Data File : BF084914.D
Acq On : 6 Feb 2016 16:21
Operator : SJ/IZ
Sample : H1330-02
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S4-B004(21-23)

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

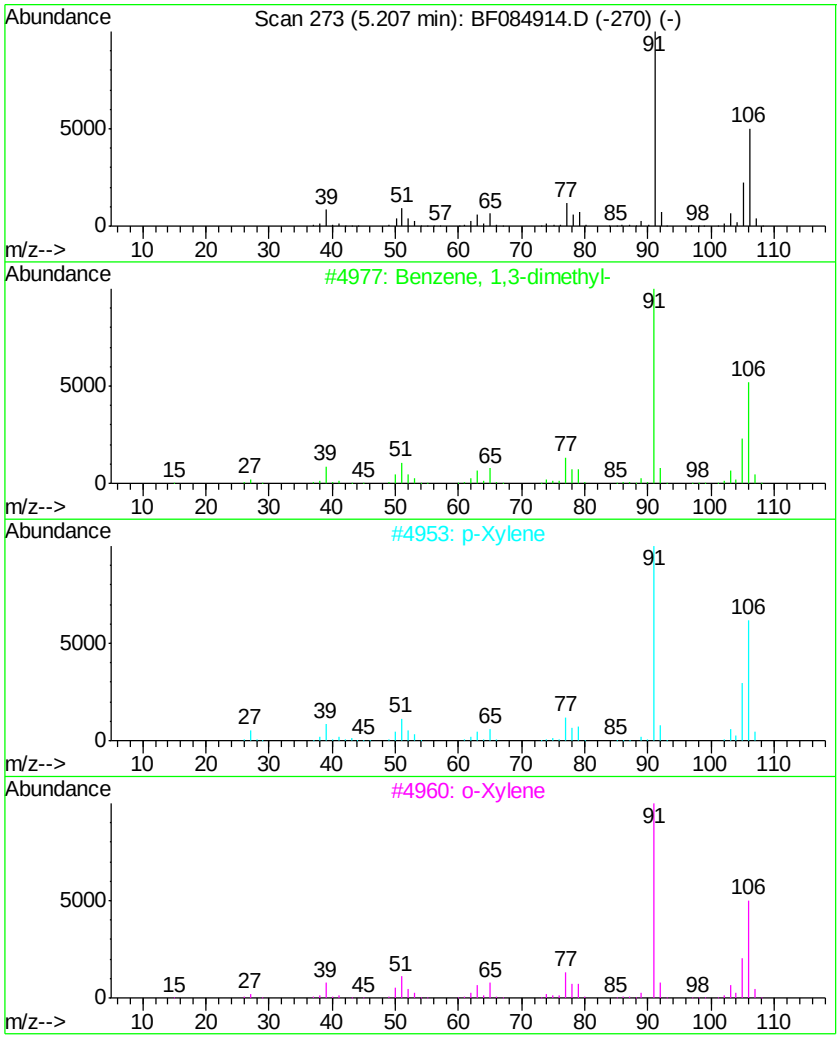
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

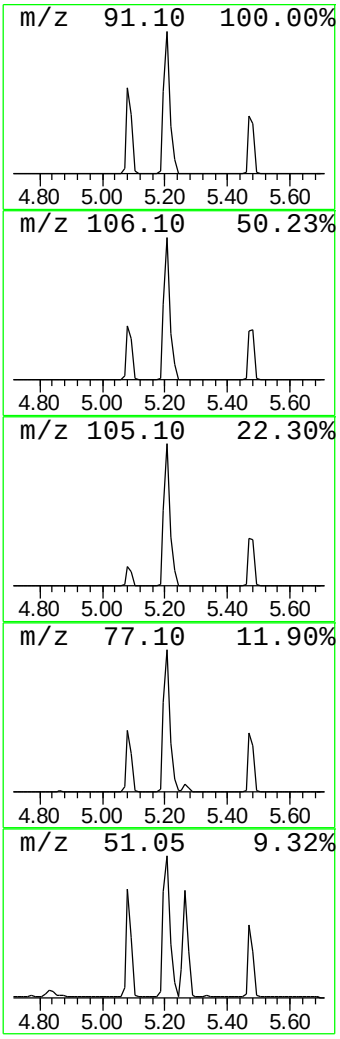
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.21	36.18 ng	1969990	1,4-Dichlorobenzene-d4	6.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
2	p-Xylene	106	C8H10	000106-42-3	97
3	o-Xylene	106	C8H10	000095-47-6	97
4	1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	86
5	Ethylbenzene	106	C8H10	000100-41-4	83





Data Path : Z:\HPCHEM1\BNA F\DATA\BF020616\
Data File : BF084914.D
Acq On : 6 Feb 2016 16:21
Operator : SJ/IZ
Sample : H1330-02
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S4-B004(21-23)

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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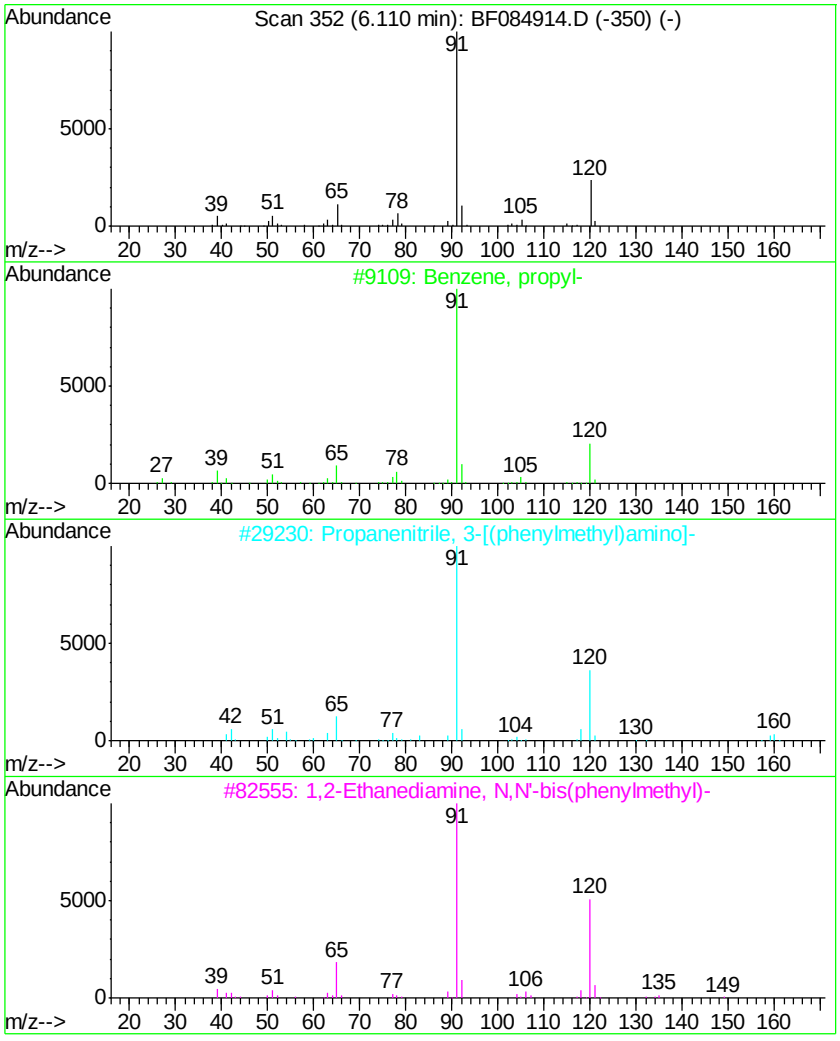
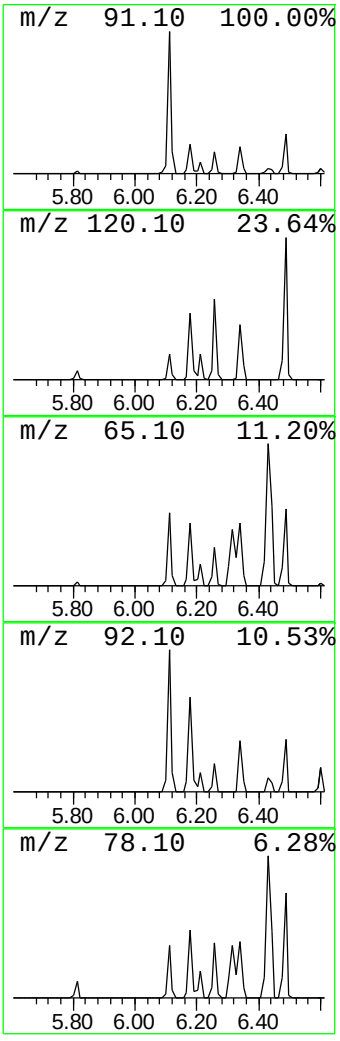
Peak Number 7 Benzene, propyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.11	3.95 ng	215073	1,4-Dichlorobenzene-d4	6.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	90
2	Propanenitrile, 3-[(phenylmethyl...	160	C10H12N2	000706-03-6	72
3	1,2-Ethanediamine, N,N'-bis(phen...	240	C16H20N2	000140-28-3	72
4	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	50
5	Phosphonous dichloride, (phenylm...	192	C7H7Cl2P	004545-85-1	50





Data Path : Z:\HPCHEM1\BNA F\DATA\BF020616\
Data File : BF084914.D
Acq On : 6 Feb 2016 16:21
Operator : SJ/IZ
Sample : H1330-02
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S4-B004(21-23)

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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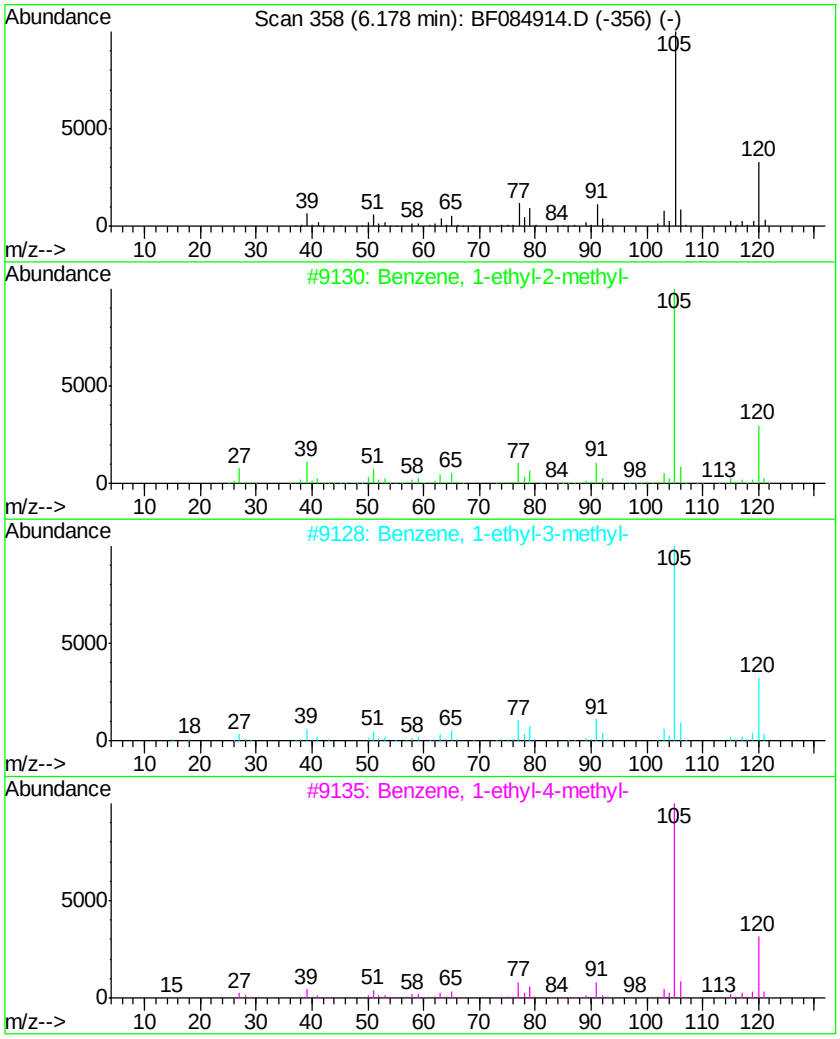
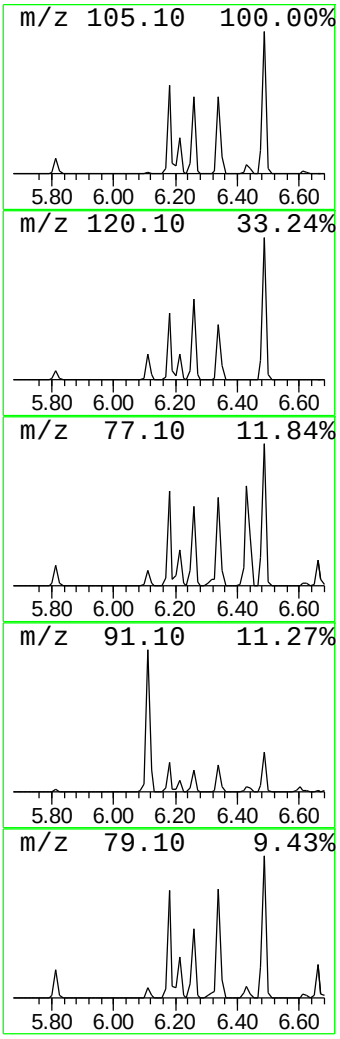
Peak Number 8 Benzene, 1-ethyl-2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.18	9.35 ng	509251	1,4-Dichlorobenzene-d4	6.66

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, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020616\
Data File : BF084914.D
Acq On : 6 Feb 2016 16:21
Operator : SJ/IZ
Sample : H1330-02
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S4-B004(21-23)

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

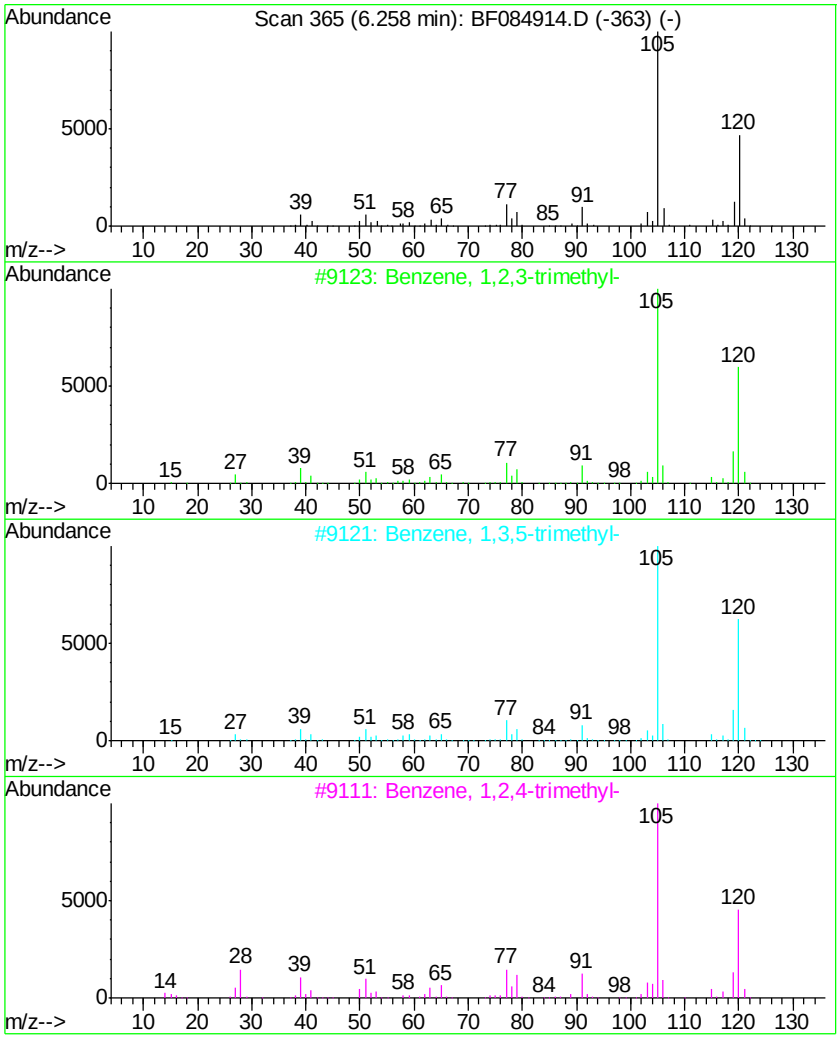
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

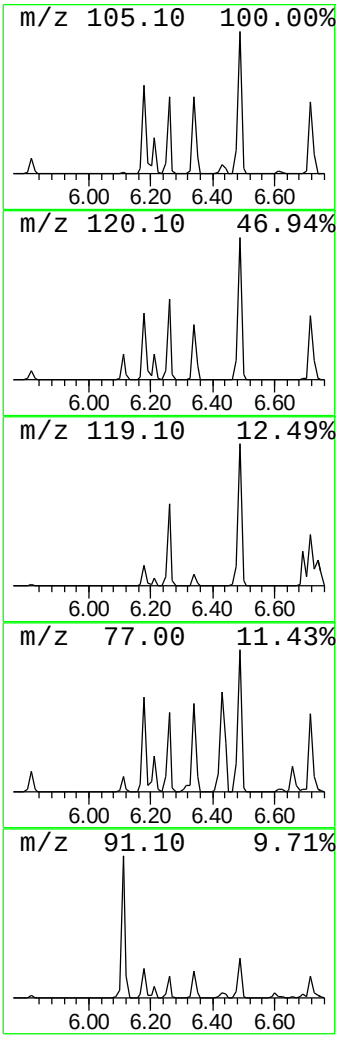
****

Peak Number 9 Benzene, 1,2,3-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.26	8.30 ng	452076	1,4-Dichlorobenzene-d4	6.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	94
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90





Data Path : Z:\HPCHEM1\BNA F\DATA\BF020616\
Data File : BF084914.D
Acq On : 6 Feb 2016 16:21
Operator : SJ/IZ
Sample : H1330-02
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S4-B004(21-23)

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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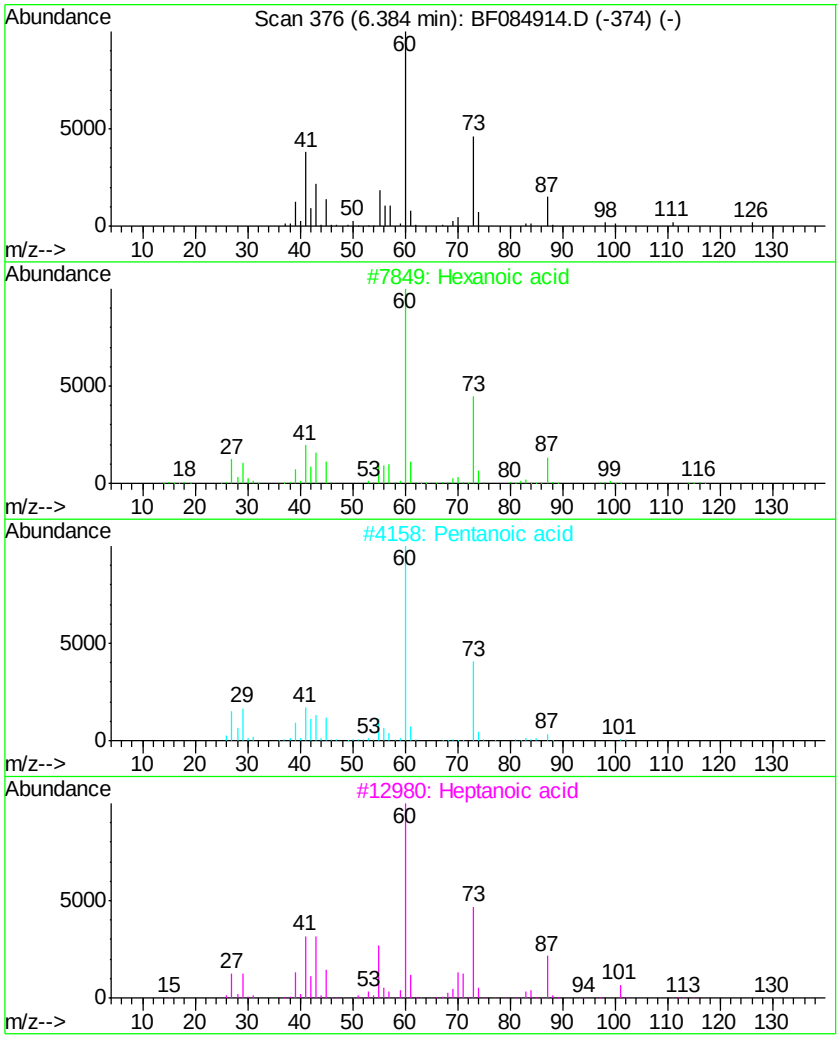
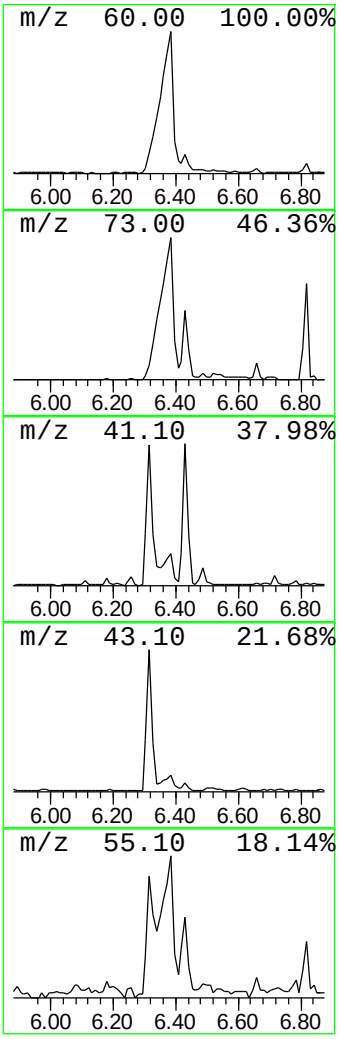
Peak Number 10 Hexanoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.38	5.30 ng	288307	1,4-Dichlorobenzene-d4	6.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid	116	C6H12O2	000142-62-1	83
2	Pentanoic acid	102	C5H10O2	000109-52-4	72
3	Heptanoic acid	130	C7H14O2	000111-14-8	64
4	Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	50
5	Propanedioic acid, propyl-	146	C6H10O4	000616-62-6	45





Data Path : Z:\HPCHEM1\BNA F\DATA\BF020616\
Data File : BF084914.D
Acq On : 6 Feb 2016 16:21
Operator : SJ/IZ
Sample : H1330-02
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S4-B004(21-23)

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

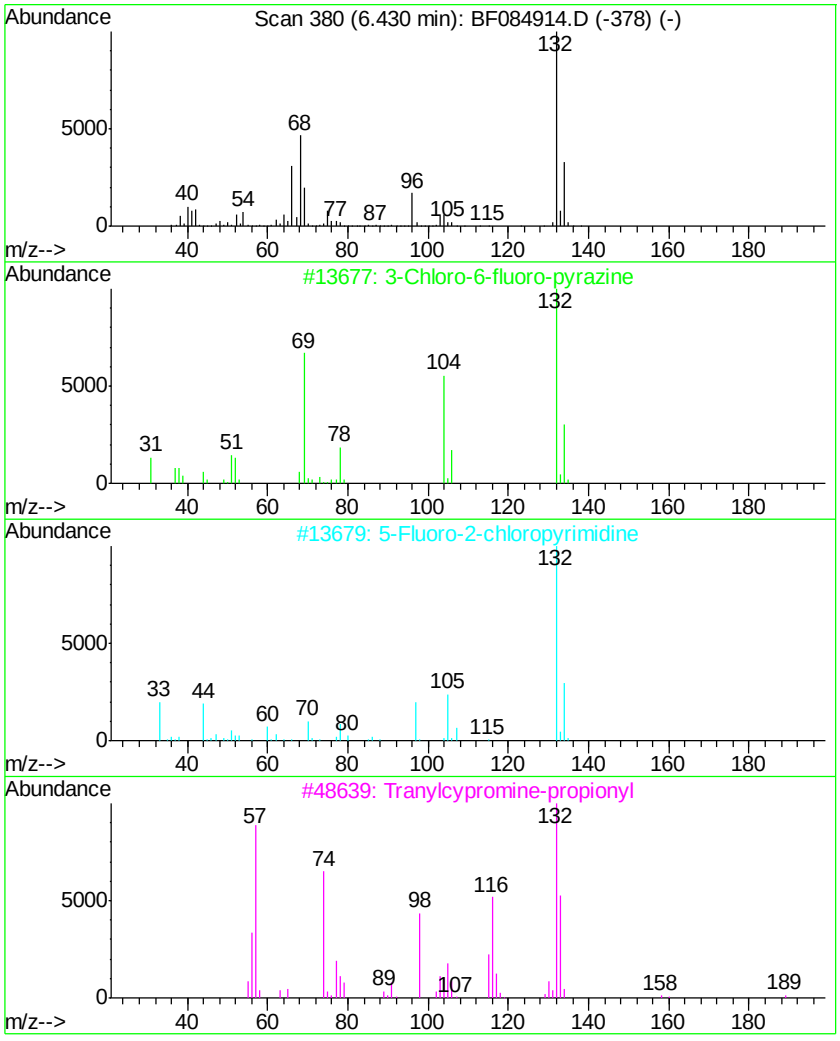
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

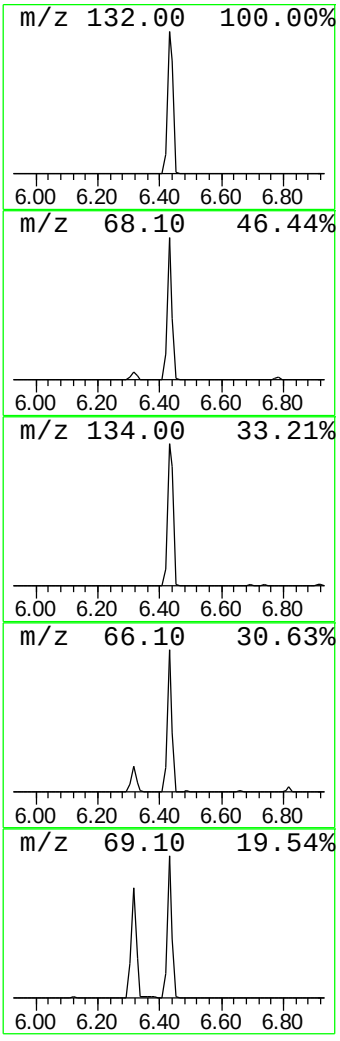
****

Peak Number 11 unknown6.43 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.43	93.80 ng	5107220	1,4-Dichlorobenzene-d4	6.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9





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Data File : BF084914.D
Acq On : 6 Feb 2016 16:21
Operator : SJ/IZ
Sample : H1330-02
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S4-B004(21-23)

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

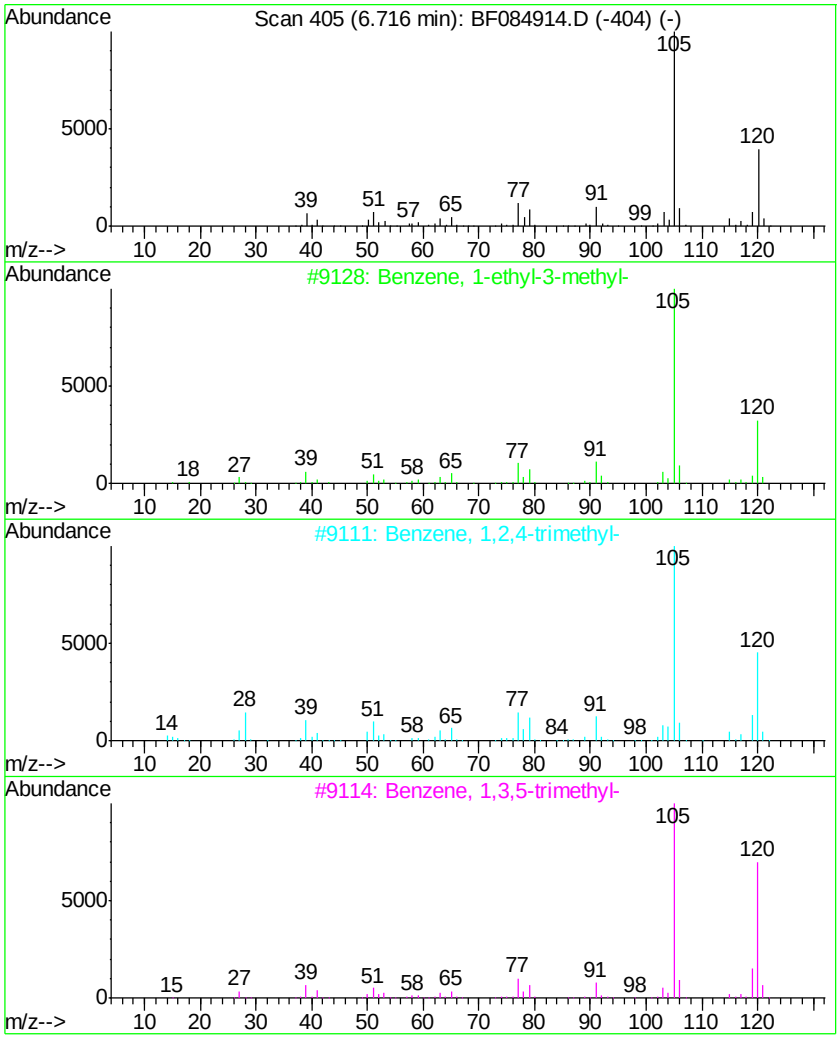
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

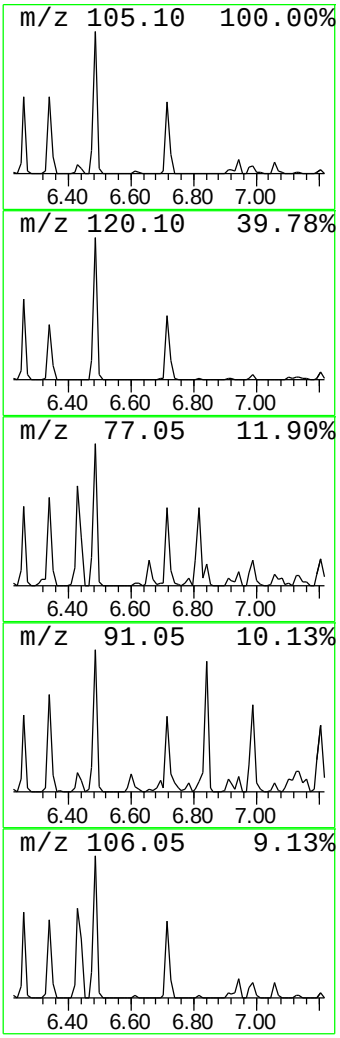
****

Peak Number 13 Benzene, 1-ethyl-3-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.72	8.53 ng	464685	1,4-Dichlorobenzene-d4	6.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	93
3	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020616\
Data File : BF084914.D
Acq On : 6 Feb 2016 16:21
Operator : SJ/IZ
Sample : H1330-02
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S4-B004(21-23)

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

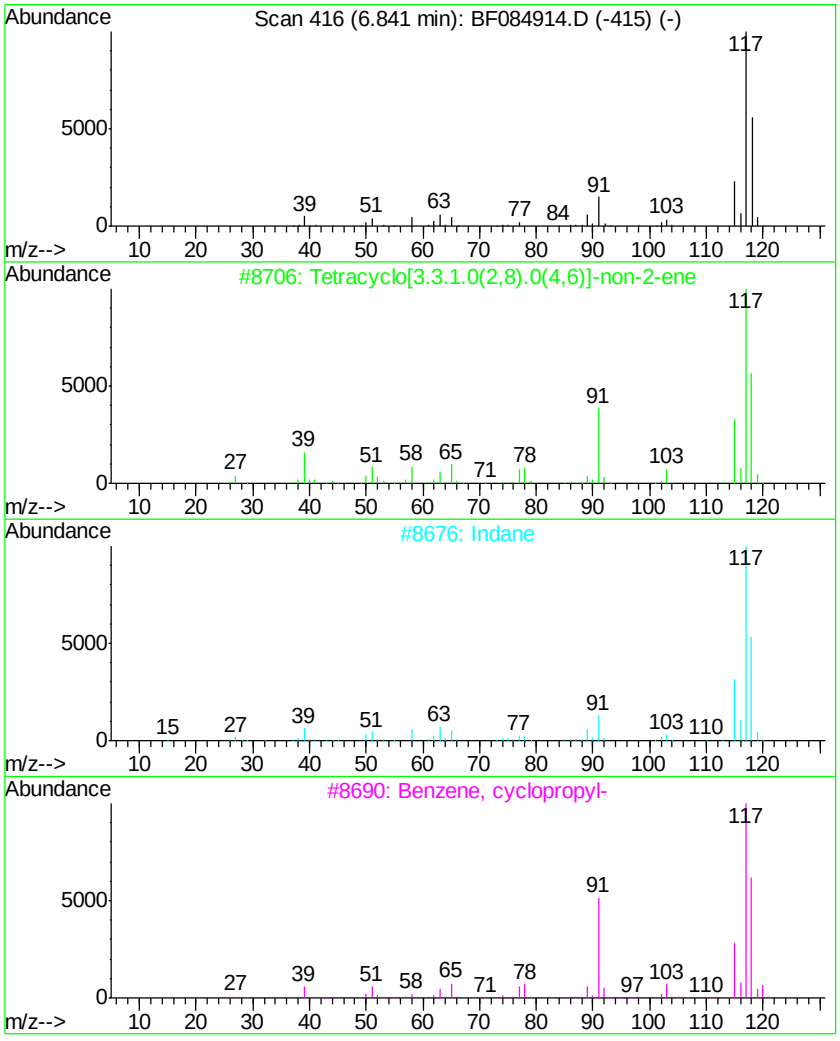
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

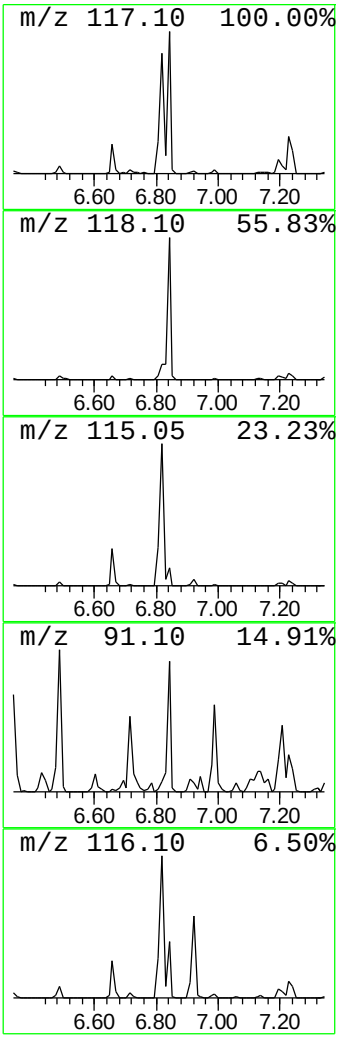
****

Peak Number 15 Tetracyclo[3.3.1.0(2,8).0(4... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.84	8.12 ng	441989	1,4-Dichlorobenzene-d4	6.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	80
2	Indane	118	C9H10	000496-11-7	72
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	72
4	Deltacyclene	118	C9H10	007785-10-6	59
5	Benzene, 1,1'-(1,5-hexadiene-1,6...	234	C18H18	004439-45-6	53





Data Path : Z:\HPCHEM1\BNA F\DATA\BF020616\
Data File : BF084914.D
Acq On : 6 Feb 2016 16:21
Operator : SJ/IZ
Sample : H1330-02
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S4-B004(21-23)

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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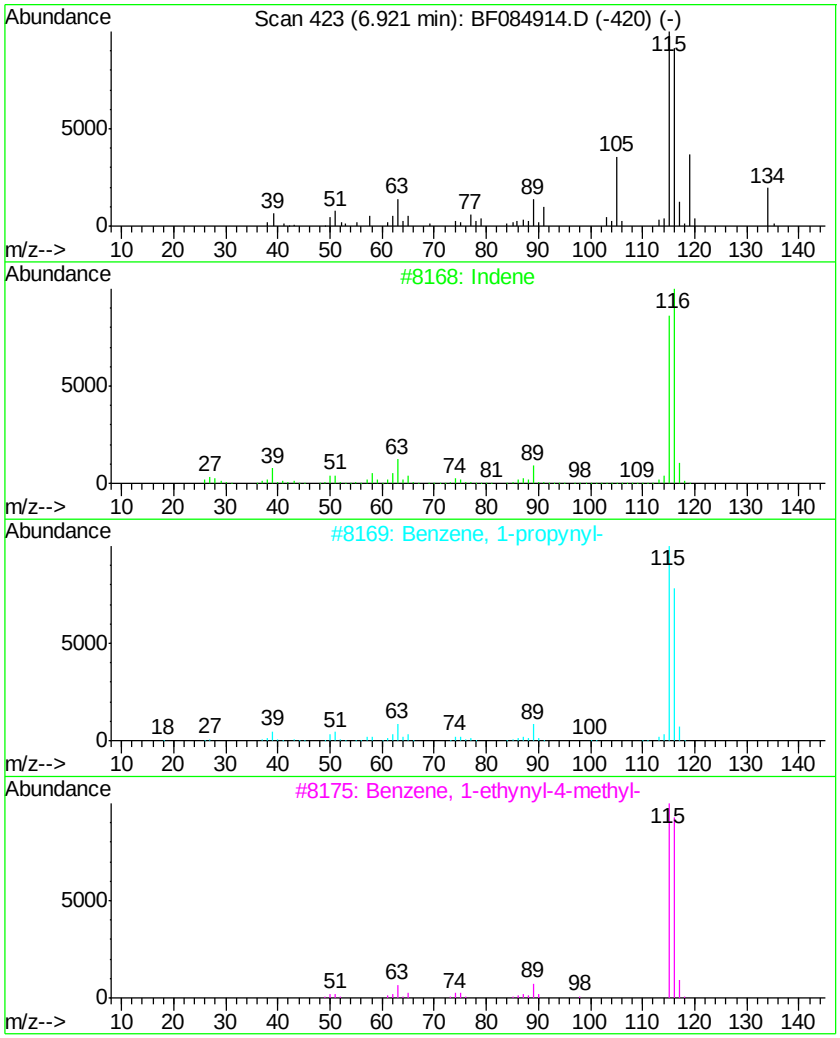
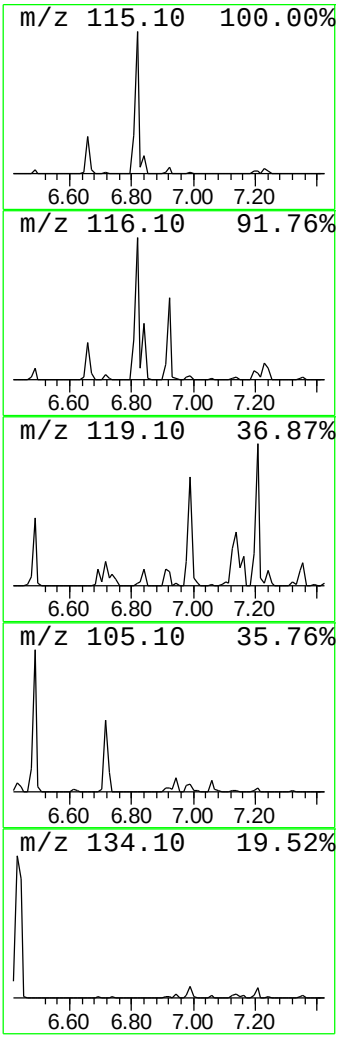
Peak Number 16 Indene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.92	3.95 ng	215279	1,4-Dichlorobenzene-d4	6.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	96
2	Benzene, 1-propynyl-	116	C9H8	000673-32-5	92
3	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	62
4	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	62
5	Benzene,1-ethynyl-2-methyl-	116	C9H8	000766-47-2	62





Data Path : Z:\HPCHEM1\BNA F\DATA\BF020616\
Data File : BF084914.D
Acq On : 6 Feb 2016 16:21
Operator : SJ/IZ
Sample : H1330-02
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S4-B004(21-23)

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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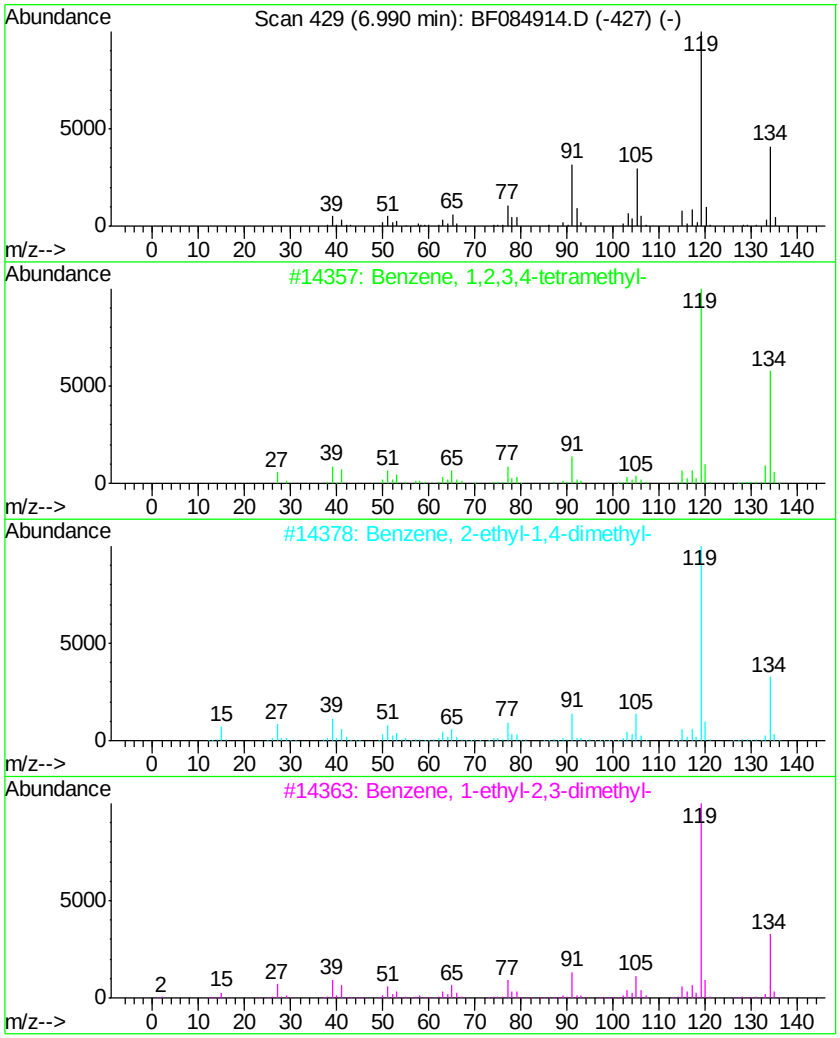
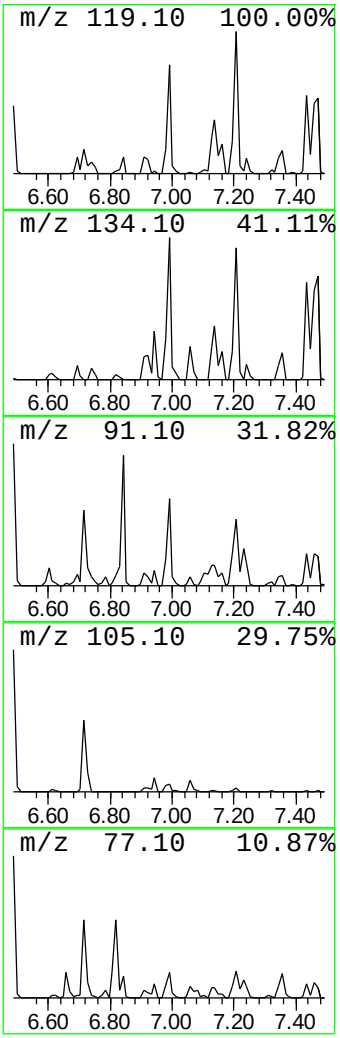
Peak Number 17 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.99	4.73 ng	257421	1,4-Dichlorobenzene-d4	6.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	90
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	90
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90
4	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	87
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	87





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020616\
Data File : BF084914.D
Acq On : 6 Feb 2016 16:21
Operator : SJ/IZ
Sample : H1330-02
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S4-B004(21-23)

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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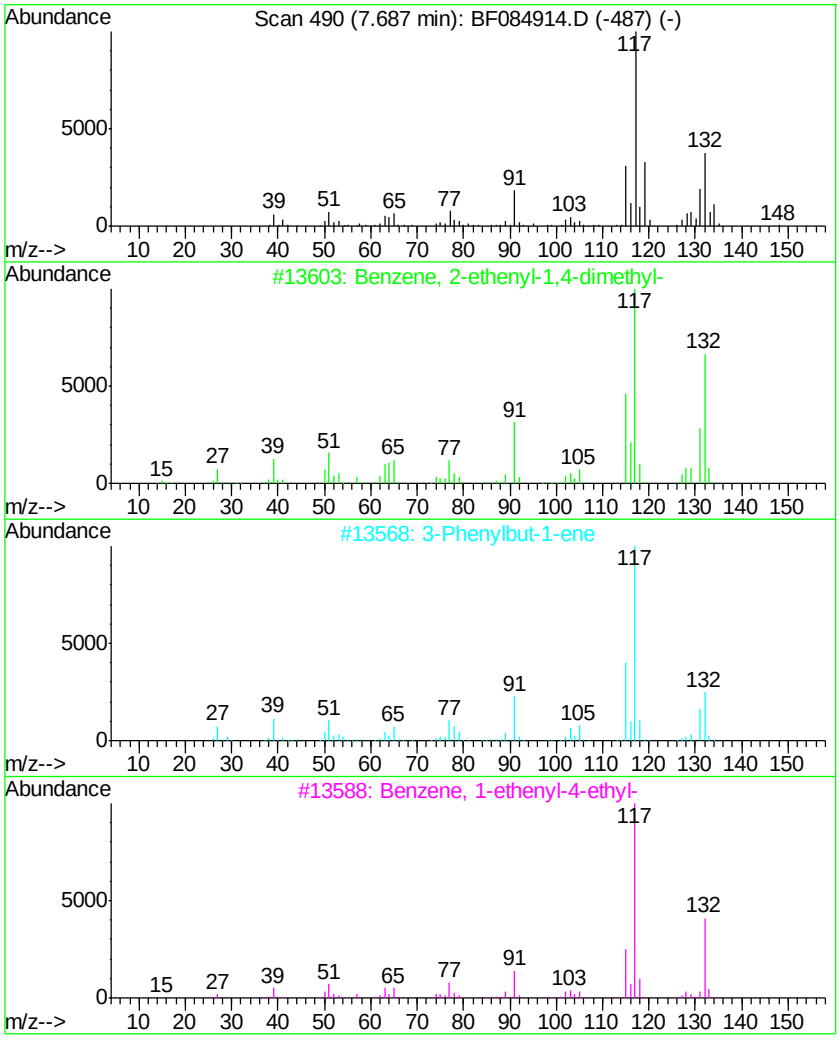
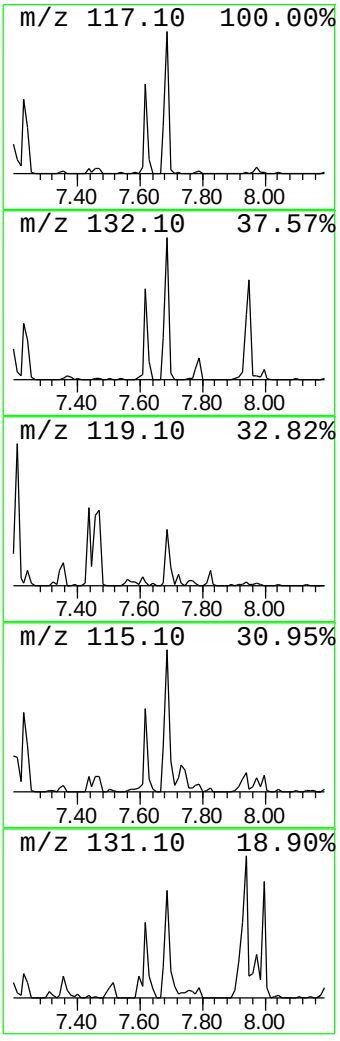
Peak Number 18 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.69	3.59 ng	518106	Naphthalene-d8	7.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	90
2	3-Phenylbut-1-ene	132	C10H12	000934-10-1	81
3	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	76
4	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	76
5	1-Phenyl-1-butene	132	C10H12	000824-90-8	74





Data Path : Z:\HPCHEM1\BNA F\DATA\BF020616\
Data File : BF084914.D
Acq On : 6 Feb 2016 16:21
Operator : SJ/IZ
Sample : H1330-02
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S4-B004(21-23)

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

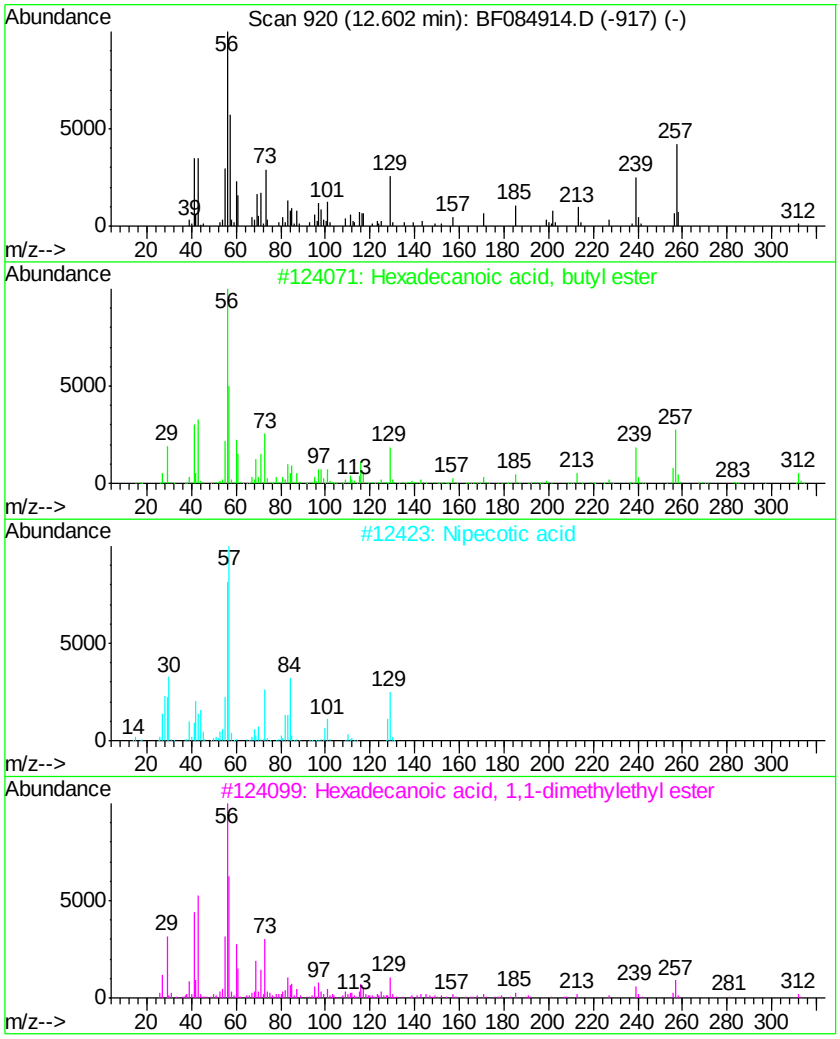
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

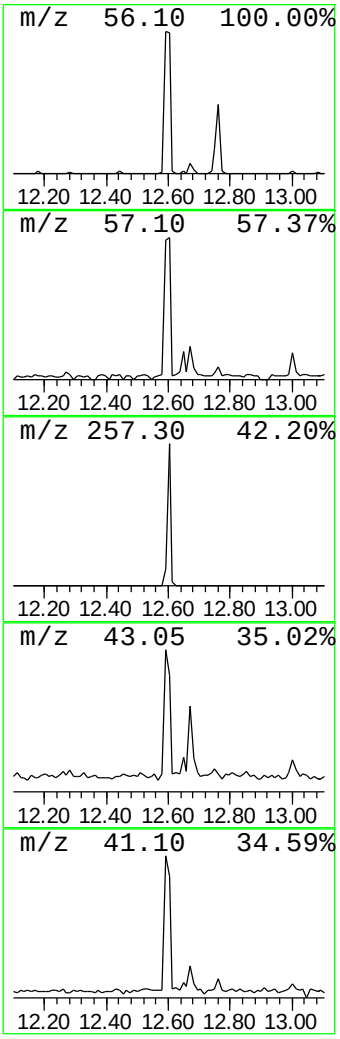
****

Peak Number 19 Hexadecanoic acid, butyl ester Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.60	4.82 ng	220096	Chrysene-d12	13.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	91
2	Nipecotic acid	129	C6H11NO2	000498-95-3	38
3	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	38
4	2,4-Dipropyl-5-ethyl-1,3-dioxane	200	C12H24O2	006413-83-8	25
5	Cyclobutane, 1-hexyl-2,3-dimethyl-	168	C12H24	055170-84-8	22





Data Path : Z:\HPCHEM1\BNA F\DATA\BF020616\
Data File : BF084914.D
Acq On : 6 Feb 2016 16:21
Operator : SJ/IZ
Sample : H1330-02
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S4-B004(21-23)

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

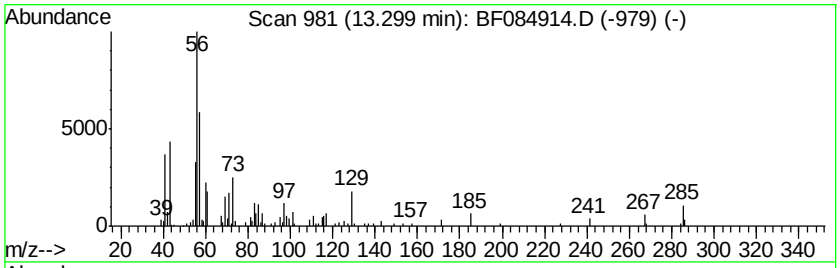
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

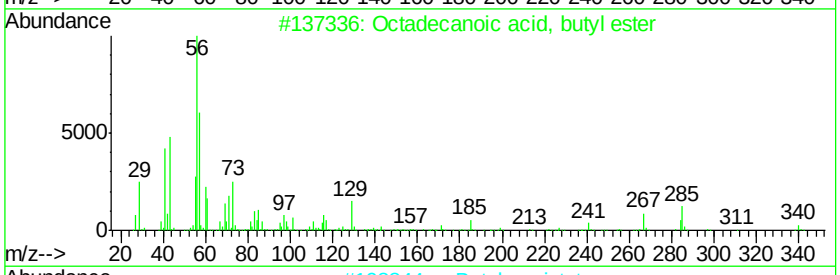
****

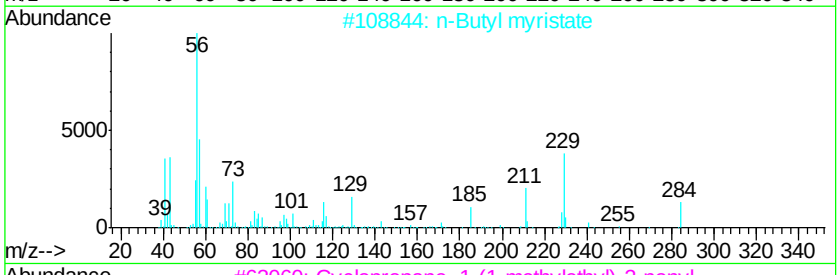
Peak Number 20 Octadecanoic acid, butyl ester Concentration Rank 20

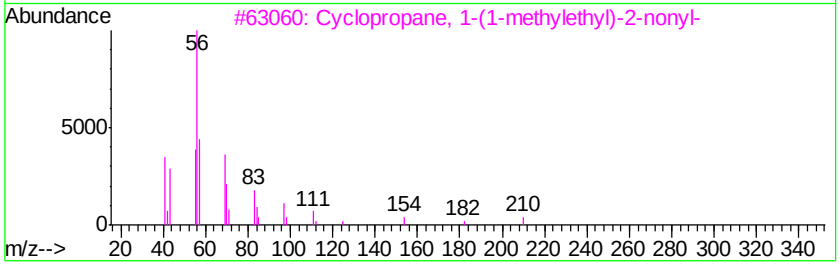
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.30	3.41 ng	155686	Chrysene-d12	13.80

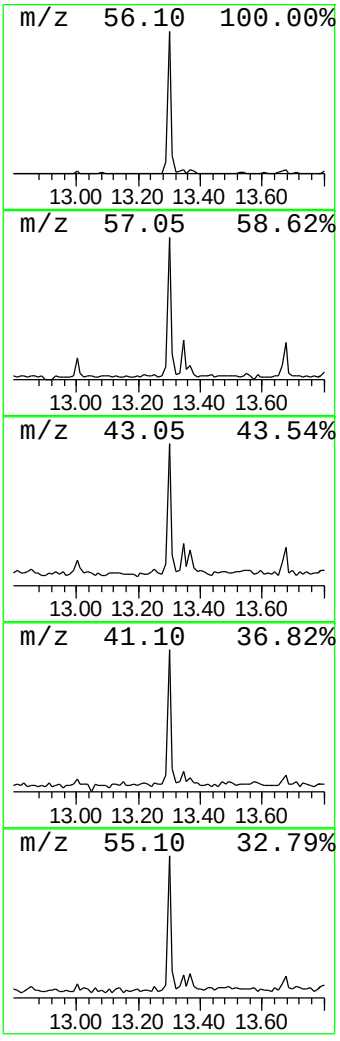
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	87
2	n-Butyl myristate	284	C18H36O2	000110-36-1	78
3	Cyclopropane, 1-(1-methylethyl)-...	210	C15H30	041977-39-3	38
4	Hexane, 3,4-dimethyl-	114	C8H18	000583-48-2	38
5	Pentadecane, 8-methylene-	224	C16H32	055668-09-2	37











Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020616\
Data File : BF084914.D
Acq On : 6 Feb 2016 16:21
Operator : SJ/IZ
Sample : H1330-02
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S4-B004(21-23)

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
n-Propyl acetate	2.38	3.9	ng	214335	1	6.66	1088960	20.0
3-Hexen-2-one	4.12	22.3	ng	1213600	1	6.66	1088960	20.0
unknown4.83	4.83	34.7	ng	1891750	1	6.66	1088960	20.0
Benzene, 1,3-dime...	5.21	36.2	ng	1969990	1	6.66	1088960	20.0
Benzene, propyl-	6.11	4.0	ng	215073	1	6.66	1088960	20.0
Benzene, 1-ethyl-...	6.18	9.3	ng	509251	1	6.66	1088960	20.0
Benzene, 1,2,3-tr...	6.26	8.3	ng	452076	1	6.66	1088960	20.0
Hexanoic acid	6.38	5.3	ng	288307	1	6.66	1088960	20.0
unknown6.43	6.43	93.8	ng	5107220	1	6.66	1088960	20.0
Benzene, 1-ethyl-...	6.72	8.5	ng	464685	1	6.66	1088960	20.0
Tetracyclo[3.3.1....	6.84	8.1	ng	441989	1	6.66	1088960	20.0
Indene	6.92	4.0	ng	215279	1	6.66	1088960	20.0
Benzene, 1,2,3,4-...	6.99	4.7	ng	257421	1	6.66	1088960	20.0
Benzene, 2-etheny...	7.69	3.6	ng	518106	2	7.95	2888880	20.0
Hexadecanoic acid...	12.60	4.8	ng	220096	5	13.80	913105	20.0
Octadecanoic acid...	13.30	3.4	ng	155686	5	13.80	913105	20.0