LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020516\
Data File : BF084878.D
Acq On : 5 Feb 2016 23:47
Operator : SJ/IZ
Sample : H1311-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B007(10-11)

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	4.807	235	238	245	rVB	792236	1236272	29.18%	2.110%
2	5.081	259	262	263	rBV	128362	142978	3.38%	0.244%
3	5.196	270	272	275	rBV2	430989	694464	16.39%	1.185%
4	5.253	275	277	280	rBV	3571999	3944569	93.11%	6.733%
5	5.470	294	296	300	rVB	108823	127298	3.00%	0.217%
6	5.550	300	303	304	rBV	72261	92190	2.18%	0.157%
7	5.790	321	324	327	rBV2	52948	87385	2.06%	0.149%
8	5.916	331	335	337	rBV2	185517	260453	6.15%	0.445%
9	6.110	347	352	353	rBV2	161858	226305	5.34%	0.386%
10	6.179	353	358	359	rVV2	488880	613463	14.48%	1.047%
11	6.213	359	361	363	rVB	214587	271600	6.41%	0.464%
12	6.259	363	365	367	rBV2	284918	361446	8.53%	0.617%
13	6.316	367	370	371	rVV	3969059	4212282	99.43%	7.190%
14	6.339	371	372	375	rVV2	232831	244765	5.78%	0.418%
15	6.430	378	380	382	rVV	4620577	4236377	100.00%	7.232%
16	6.487	382	385	389	rVV	1068010	1238004	29.22%	2.113%
17	6.602	393	395	398	rVV2	49634	105509	2.49%	0.180%
18	6.659	398	400	402	rVV	1358585	1182241	27.91%	2.018%
19	6.716	404	405	410	rVV2	364876	402418	9.50%	0.687%
20	6.784	410	411	412	rVV	62786	74517	1.76%	0.127%
21	6.819	412	414	415	rVV	3722963	3619855	85.45%	6.179%
22	6.842	415	416	418	rVB	234412	173461	4.09%	0.296%
23	6.910	418	422	424	rBV2	119184	246742	5.82%	0.421%
24	6.944	424	425	427	rVV	310391	258110	6.09%	0.441%
25	6.990	427	429	430	rVV	555920	589864	13.92%	1.007%
26	7.013	430	431	433	rVV	132697	116836	2.76%	0.199%
27	7.059	433	435	438	rVV2	239009	280346	6.62%	0.479%
28	7.139	440	442	443	rVV	166742	259221	6.12%	0.442%
29	7.230	445	450	452	rVV2	2713364	3341273	78.87%	5.704%
30	7.276	452	454	455	rVV	290513	259137	6.12%	0.442%
31	7.322	455	458	459	rVV2	98140	148539	3.51%	0.254%
32	7.356	459	461	462	rVV	129924	153759	3.63%	0.262%
33	7.390	462	464	465	rVV	63181	85996	2.03%	0.147%
34	7.436	465	468	469	rVV	301050	323738	7.64%	0.553%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020516\
Data File : BF084878.D
Acq On : 5 Feb 2016 23:47
Operator : SJ/IZ
Sample : H1311-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B007(10-11)

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	7.470	469	471	473	rVV	316329	395481	9.34%	0.675%
36	7.585	477	481	482	rVV3	153957	303947	7.17%	0.519%
37	7.619	482	484	488	rVV3	300112	501504	11.84%	0.856%
38	7.687	488	490	491	rVV2	518177	640044	15.11%	1.093%
39	7.722	491	493	495	rVV2	209388	297629	7.03%	0.508%
40	7.756	495	496	500	rVB3	123822	285085	6.73%	0.487%
41	7.825	500	502	504	rBV	151694	144976	3.42%	0.247%
42	7.950	510	513	518	rVB2	1538141	2467737	58.25%	4.212%
43	8.042	518	521	523	rVB2	88213	181309	4.28%	0.309%
44	8.076	523	524	526	rBV2	58684	68896	1.63%	0.118%
45	8.133	526	529	532	rVB4	46302	113519	2.68%	0.194%
46	8.225	532	537	538	rBV2	85927	135014	3.19%	0.230%
47	8.339	545	547	548	rVB	134573	124872	2.95%	0.213%
48	8.385	548	551	553	rBV3	88935	98686	2.33%	0.168%
49	8.453	555	557	559	rBV2	48198	80517	1.90%	0.137%
50	8.556	563	566	567	rBV2	143864	200904	4.74%	0.343%
51	8.659	572	575	577	rVB	340657	312442	7.38%	0.533%
52	8.750	581	583	586	rBV	101081	135633	3.20%	0.232%
53	9.025	604	607	610	rVB	4185539	4211123	99.40%	7.188%
54	9.116	610	615	617	rBV	118116	141032	3.33%	0.241%
55	9.288	627	630	632	rBV	37535	74110	1.75%	0.127%
56	9.356	632	636	637	rBV	71662	90021	2.12%	0.154%
57	9.402	639	640	641	rVV	113268	152826	3.61%	0.261%
58	9.425	641	642	644	rVB	937263	735075	17.35%	1.255%
59	9.562	651	654	656	rBV3	48932	78928	1.86%	0.135%
60	9.608	656	658	659	rVV	102200	90622	2.14%	0.155%
61	9.642	659	661	663	rVV	254334	217645	5.14%	0.372%
62	9.699	663	666	667	rVV	1401806	1559745	36.82%	2.663%
63	9.722	667	668	672	rVB4	37678	69272	1.64%	0.118%
64	9.905	678	684	685	rBV3	60510	145439	3.43%	0.248%
65	9.962	688	689	691	rBV	70076	66963	1.58%	0.114%
66	10.030	691	695	697	rBV4	54669	168803	3.98%	0.288%
67	10.099	699	701	703	rVV3	105423	131953	3.11%	0.225%
68	10.145	703	705	706	rVV	239497	237729	5.61%	0.406%
69	10.190	706	709	712	rVB3	33878	85907	2.03%	0.147%
70	10.362	721	724	725	rBV	153583	176733	4.17%	0.302%
71	10.488	732	735	737	rBV	2326387	2860621	67.53%	4.883%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020516\
Data File : BF084878.D
Acq On : 5 Feb 2016 23:47
Operator : SJ/IZ
Sample : H1311-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B007(10-11)

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	10.613	744	746	750	rBV	328445	497524	11.74%	0.849%
73	10.933	772	774	776	rVB3	44114	72415	1.71%	0.124%
74	11.059	783	785	786	rBV	162460	138276	3.26%	0.236%
75	11.093	786	788	791	rVB	113605	151960	3.59%	0.259%
76	11.173	792	795	796	rBV	1548633	1329486	31.38%	2.269%
77	11.242	799	801	803	rVB2	51767	85684	2.02%	0.146%
78	11.288	803	805	807	rBV3	30106	69620	1.64%	0.119%
79	11.516	823	825	827	rVB	134803	145556	3.44%	0.248%
80	11.676	837	839	840	rBV	67457	81622	1.93%	0.139%
81	11.779	847	848	853	rVB3	84624	140854	3.32%	0.240%
82	11.974	863	865	870	rVB5	79340	137652	3.25%	0.235%
83	12.225	886	887	891	rVV3	52353	83039	1.96%	0.142%
84	12.305	893	894	897	rVB	318288	334120	7.89%	0.570%
85	12.385	899	901	903	rVB	350255	300803	7.10%	0.513%
86	12.602	918	920	922	rBV	265676	290669	6.86%	0.496%
87	12.636	922	923	928	rVB4	46090	112250	2.65%	0.192%
88	12.762	932	934	936	rVB	3810958	3501461	82.65%	5.977%
89	13.002	952	955	957	rBV2	51599	73155	1.73%	0.125%
90	13.128	965	966	971	rBV3	64766	122652	2.90%	0.209%
91	13.677	1011	1014	1022	rBV	435909	715260	16.88%	1.221%
92	13.802	1022	1025	1027	rBV	1108879	1202690	28.39%	2.053%
93	14.317	1067	1070	1073	rBV4	45225	95930	2.26%	0.164%
94	14.568	1090	1092	1097	rBV	109823	146691	3.46%	0.250%
95	14.797	1110	1112	1116	rVB	73498	133668	3.16%	0.228%
96	15.117	1138	1140	1142	rVB	67207	82294	1.94%	0.140%
97	15.174	1142	1145	1148	rBV	636327	834480	19.70%	1.424%
98	15.654	1184	1187	1191	rVV3	44276	104343	2.46%	0.178%
99	16.145	1227	1230	1236	rVB6	35193	91077	2.15%	0.155%
100	16.363	1246	1249	1253	rBV	61976	112124	2.65%	0.191%

Sum of corrected areas: 58581510

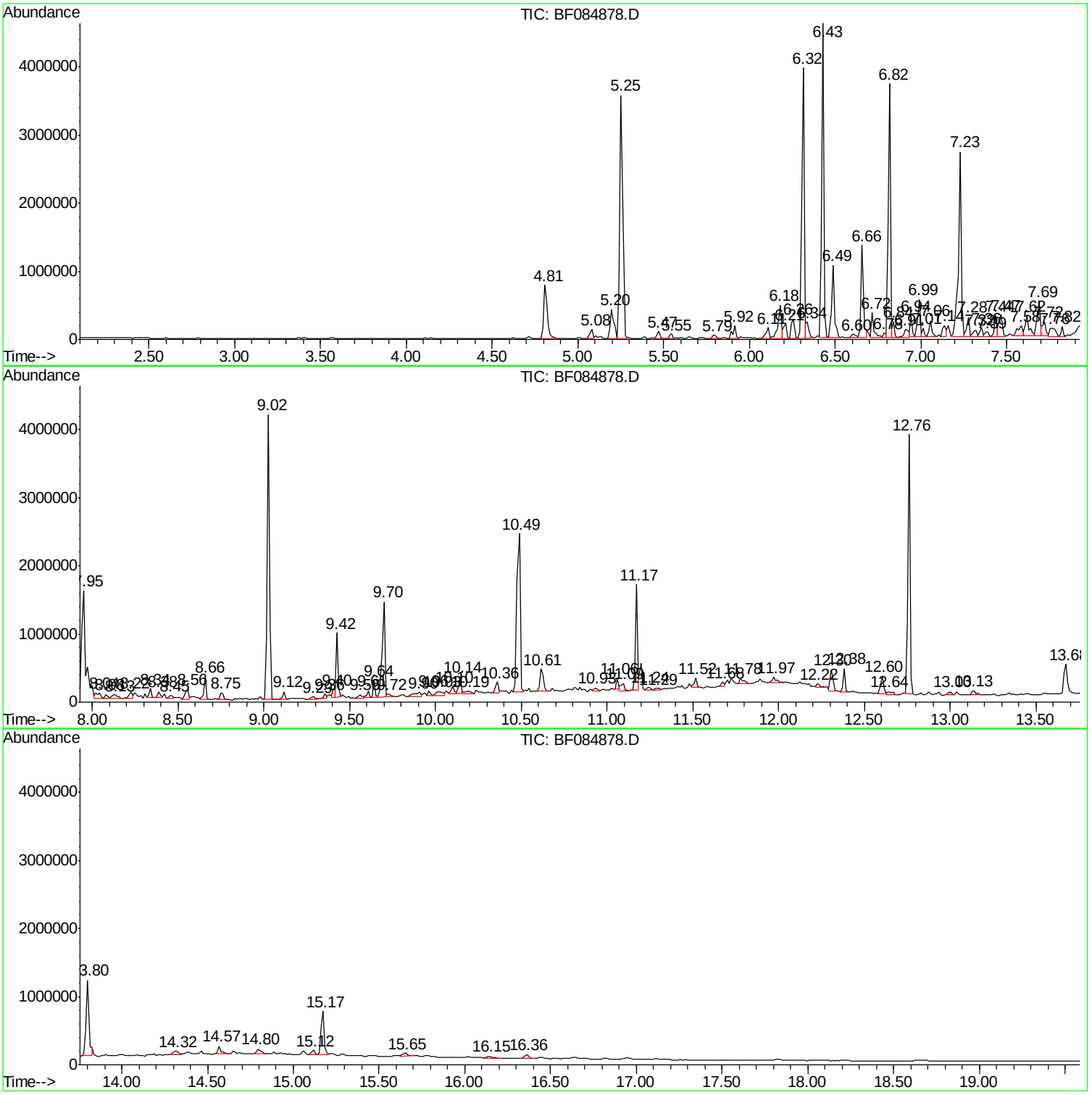
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020516\
Data File : BF084878.D
Acq On : 5 Feb 2016 23:47
Operator : SJ/IZ
Sample : H1311-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUP-B007(10-11)

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\BF020516\
Data File : BF084878.D
Acq On : 5 Feb 2016 23:47
Operator : SJ/IZ
Sample : H1311-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B007(10-11)

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

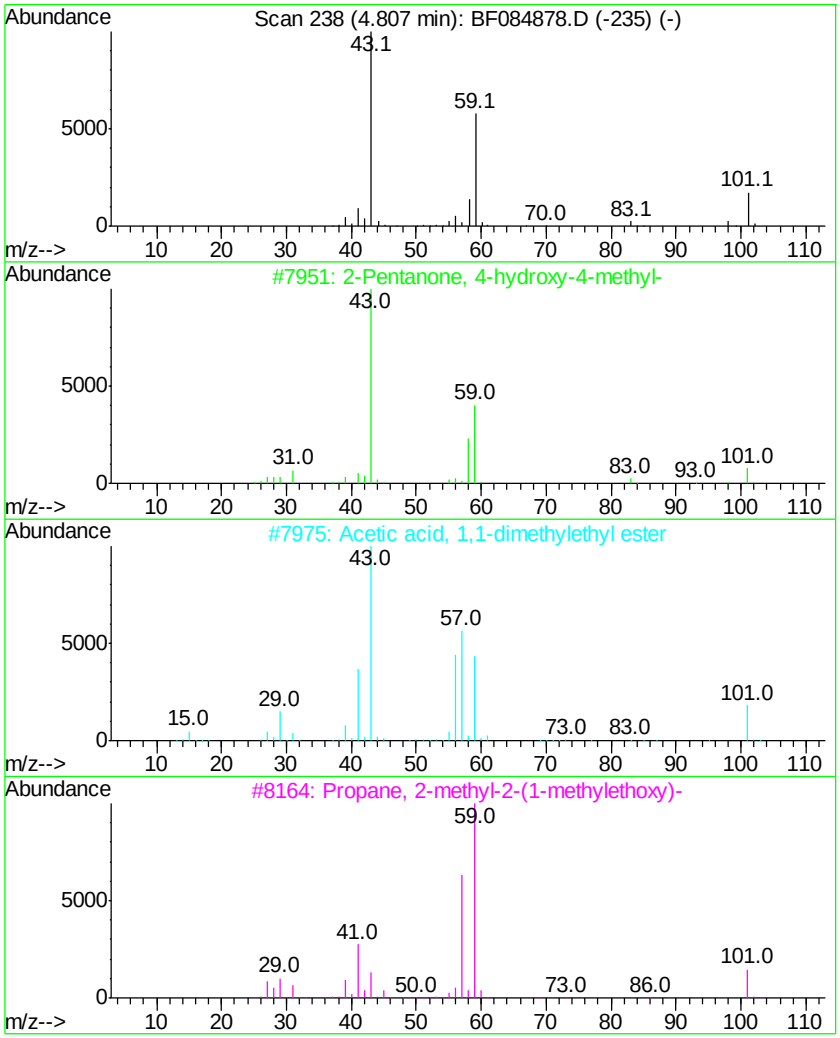
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

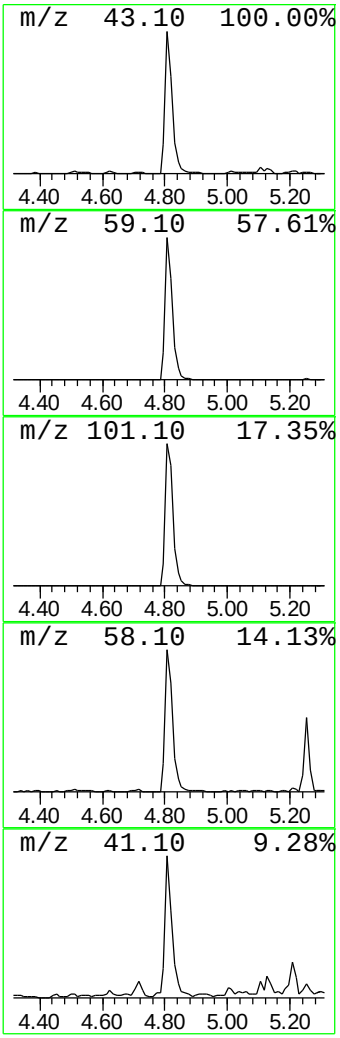
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.81	20.91 ng	1236270	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	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
5	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33





Data Path : Z:\HPCHEM1\BNA F\DATA\BF020516\
Data File : BF084878.D
Acq On : 5 Feb 2016 23:47
Operator : SJ/IZ
Sample : H1311-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B007(10-11)

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

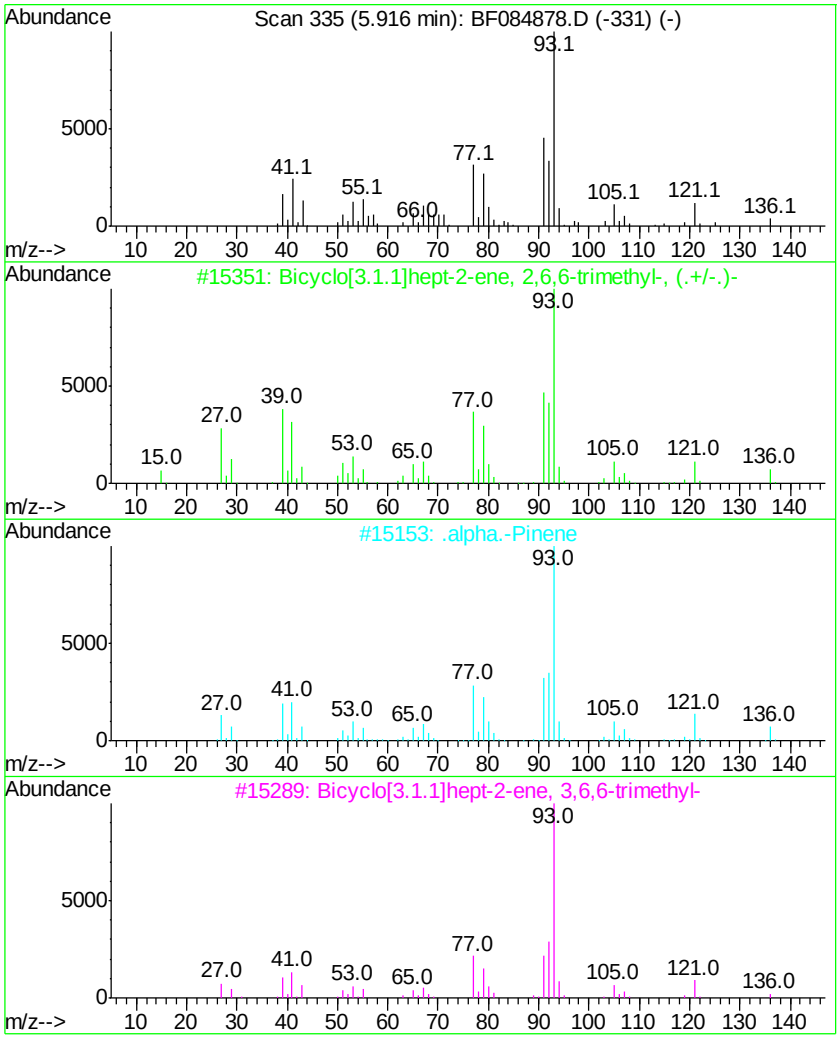
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

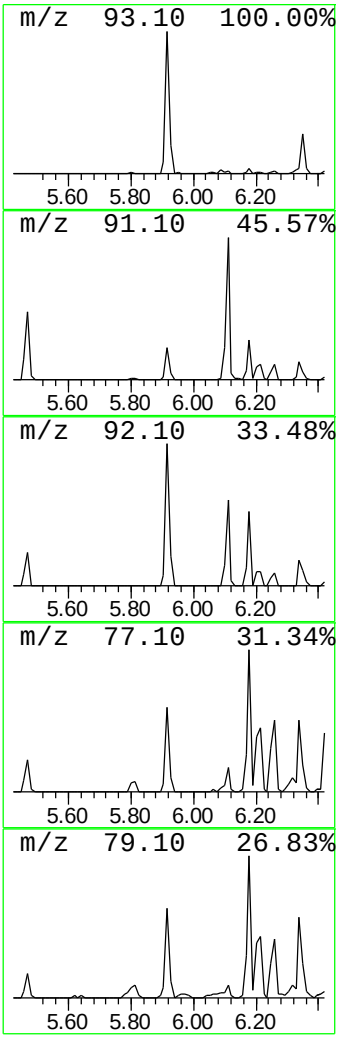
****

Peak Number 3 Bicyclo[3.1.1]hept-2-ene, 2... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.92	4.41 ng	260453	1,4-Dichlorobenzene-d4	6.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.1.1]hept-2-ene, 2,6,6-...	136	C10H16	002437-95-8	94
2	.alpha.-Pinene	136	C10H16	000080-56-8	94
3	Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	91
4	Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	91
5	3-Carene	136	C10H16	013466-78-9	91





Data Path : Z:\HPCHEM1\BNA F\DATA\BF020516\
Data File : BF084878.D
Acq On : 5 Feb 2016 23:47
Operator : SJ/IZ
Sample : H1311-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B007(10-11)

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

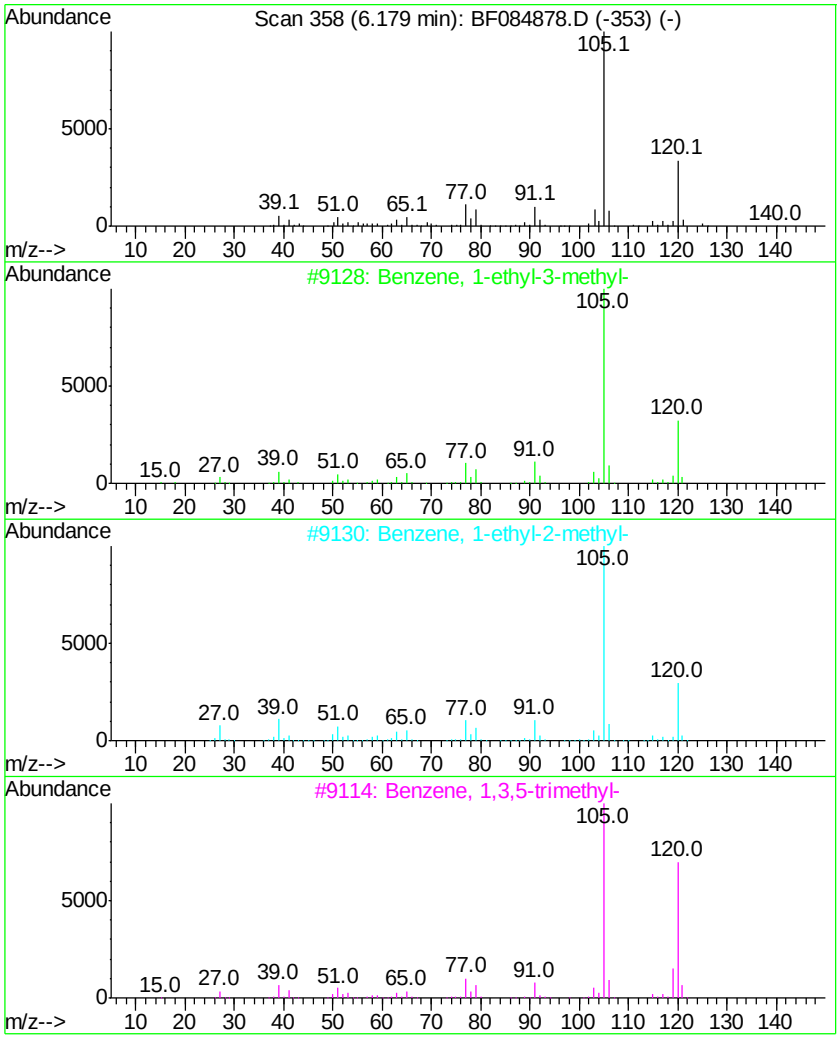
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

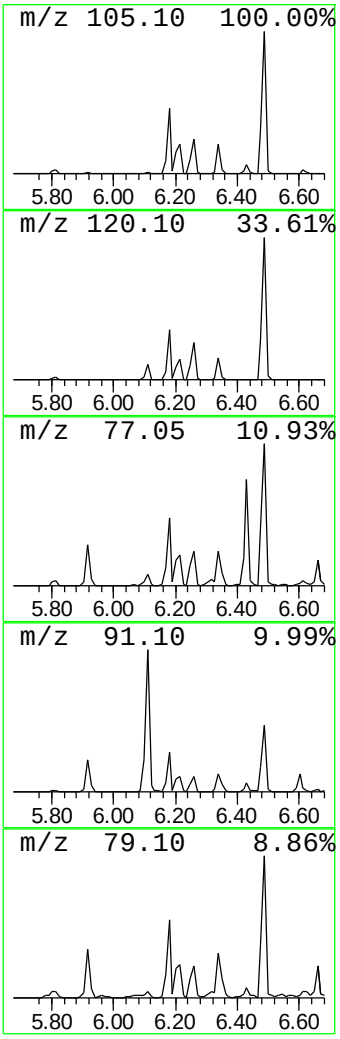
****

Peak Number 5 Benzene, 1-ethyl-3-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.18	10.38 ng	613463	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	95
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	90
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	90
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90





Data Path : Z:\HPCHEM1\BNA F\DATA\BF020516\
Data File : BF084878.D
Acq On : 5 Feb 2016 23:47
Operator : SJ/IZ
Sample : H1311-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B007(10-11)

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

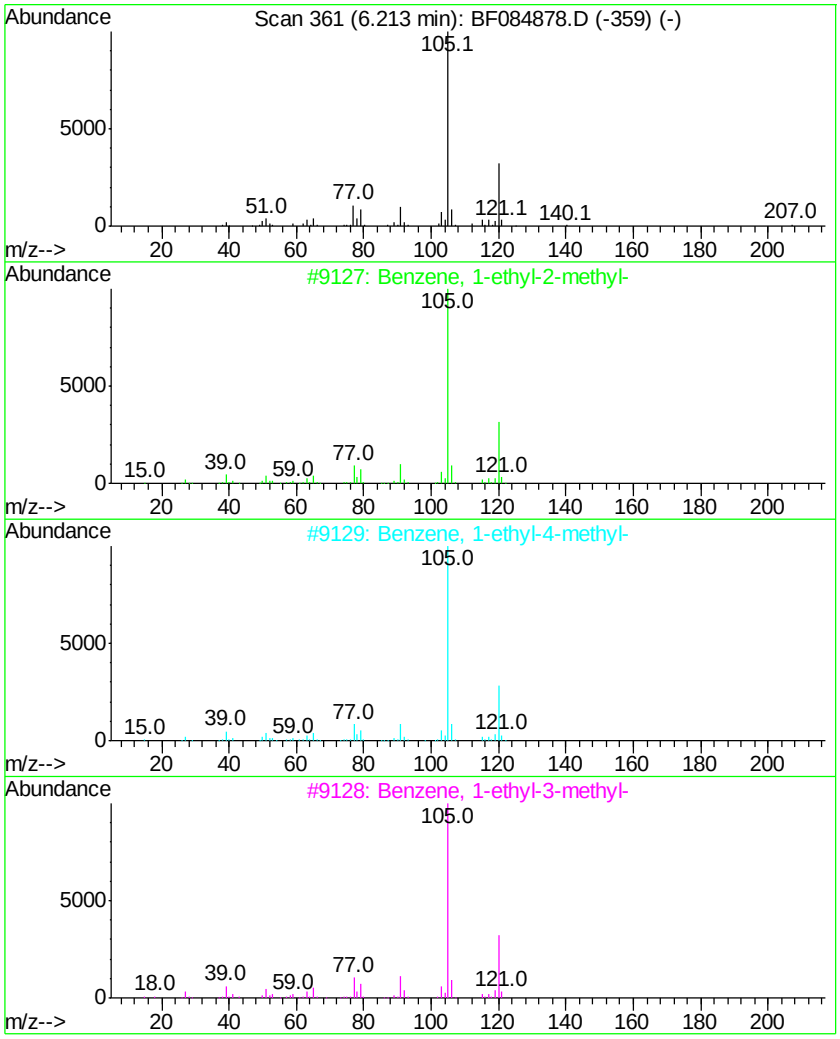
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

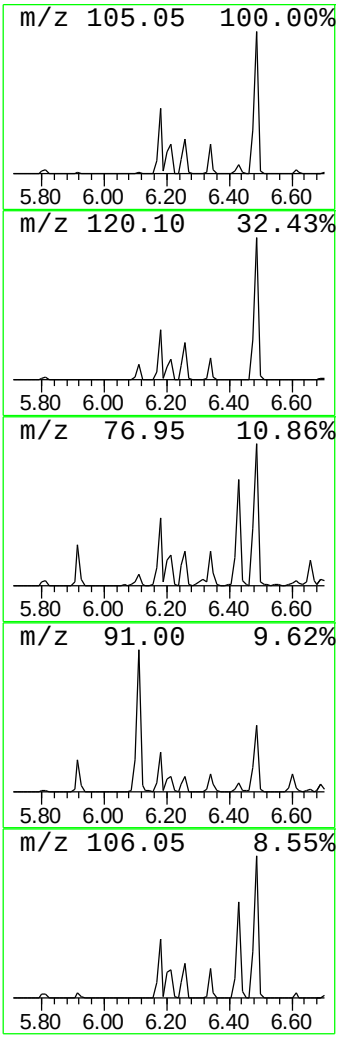
****

Peak Number 6 Benzene, 1-ethyl-2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.21	4.59 ng	271600	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	94
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	93
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	90
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020516\
Data File : BF084878.D
Acq On : 5 Feb 2016 23:47
Operator : SJ/IZ
Sample : H1311-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B007(10-11)

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

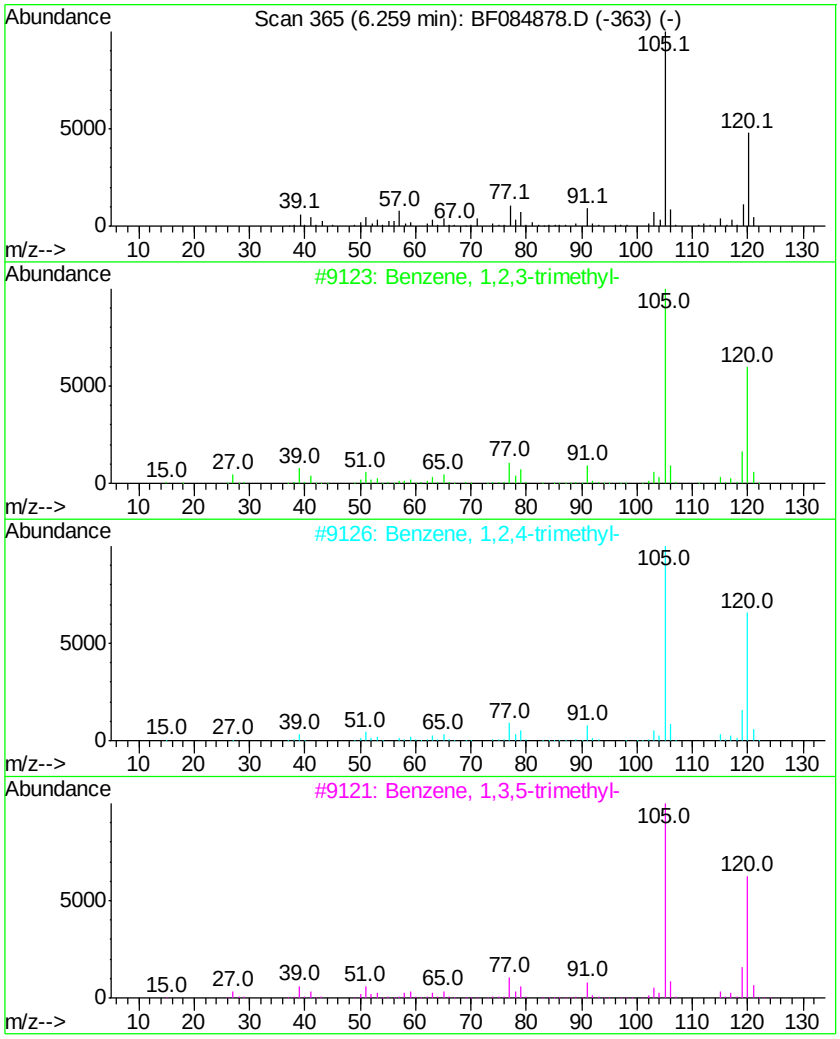
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

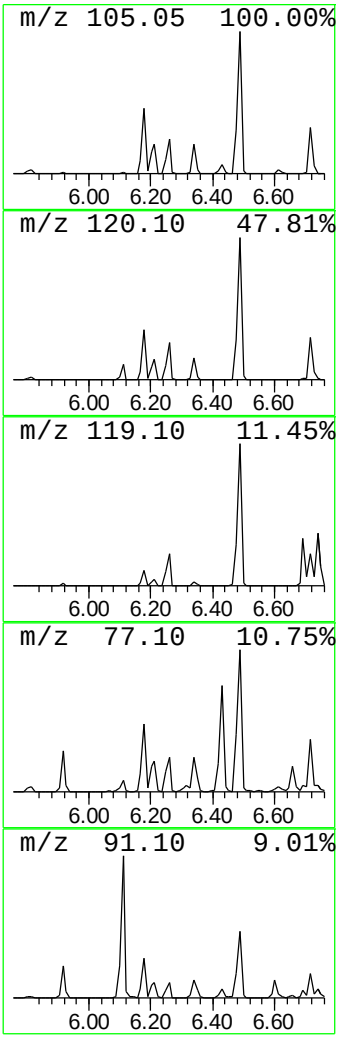
****

Peak Number 7 Benzene, 1,2,3-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.26	6.11 ng	361446	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, 1,2,4-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





Data Path : Z:\HPCHEM1\BNA F\DATA\BF020516\
Data File : BF084878.D
Acq On : 5 Feb 2016 23:47
Operator : SJ/IZ
Sample : H1311-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B007(10-11)

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

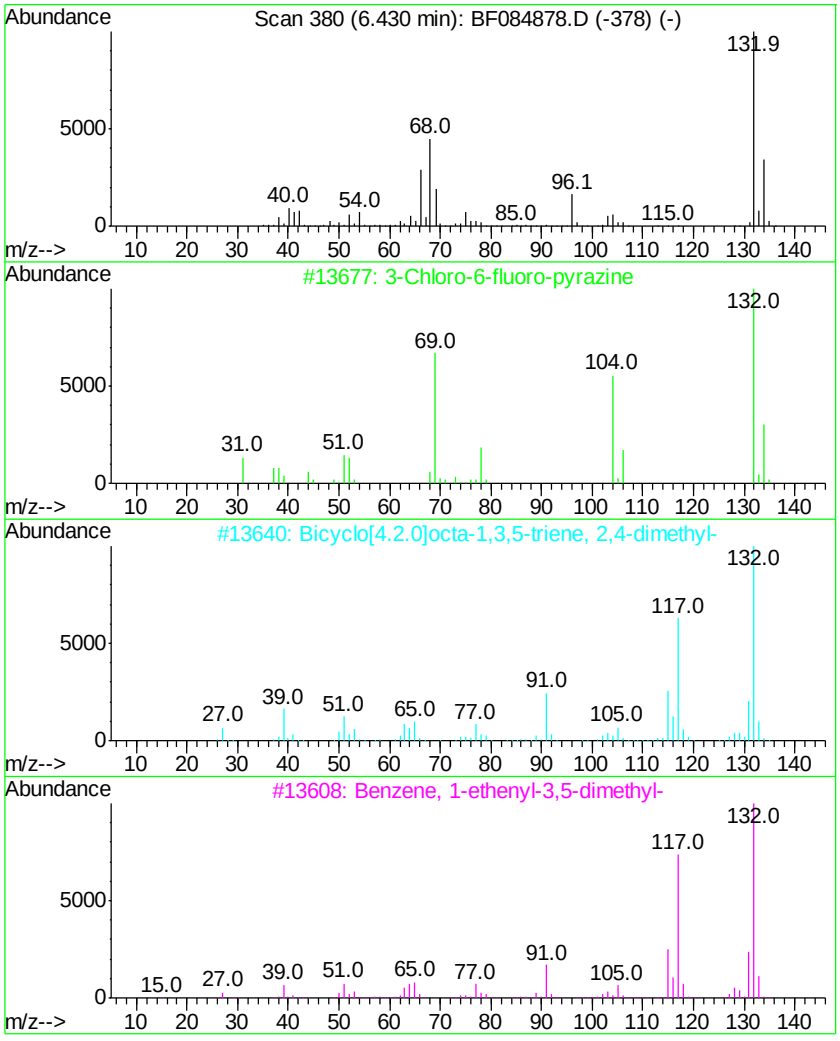
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

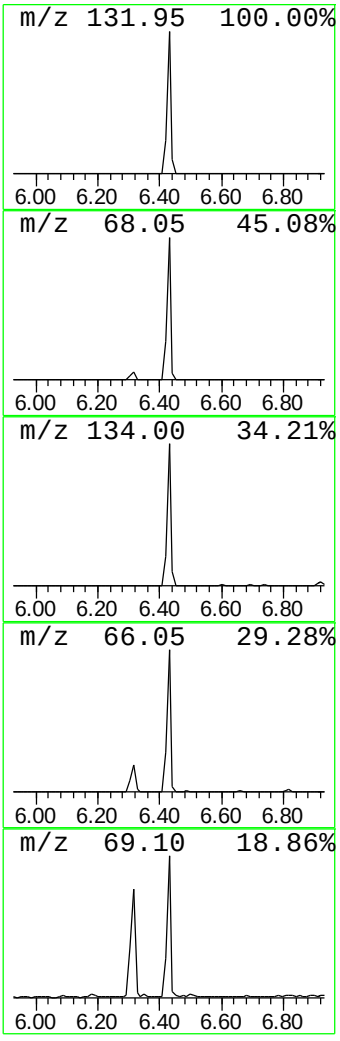
****

Peak Number 8 unknown6.43 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.43	71.67 ng	4236380	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	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
3	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
4	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF020516\
Data File : BF084878.D
Acq On : 5 Feb 2016 23:47
Operator : SJ/IZ
Sample : H1311-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B007(10-11)

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

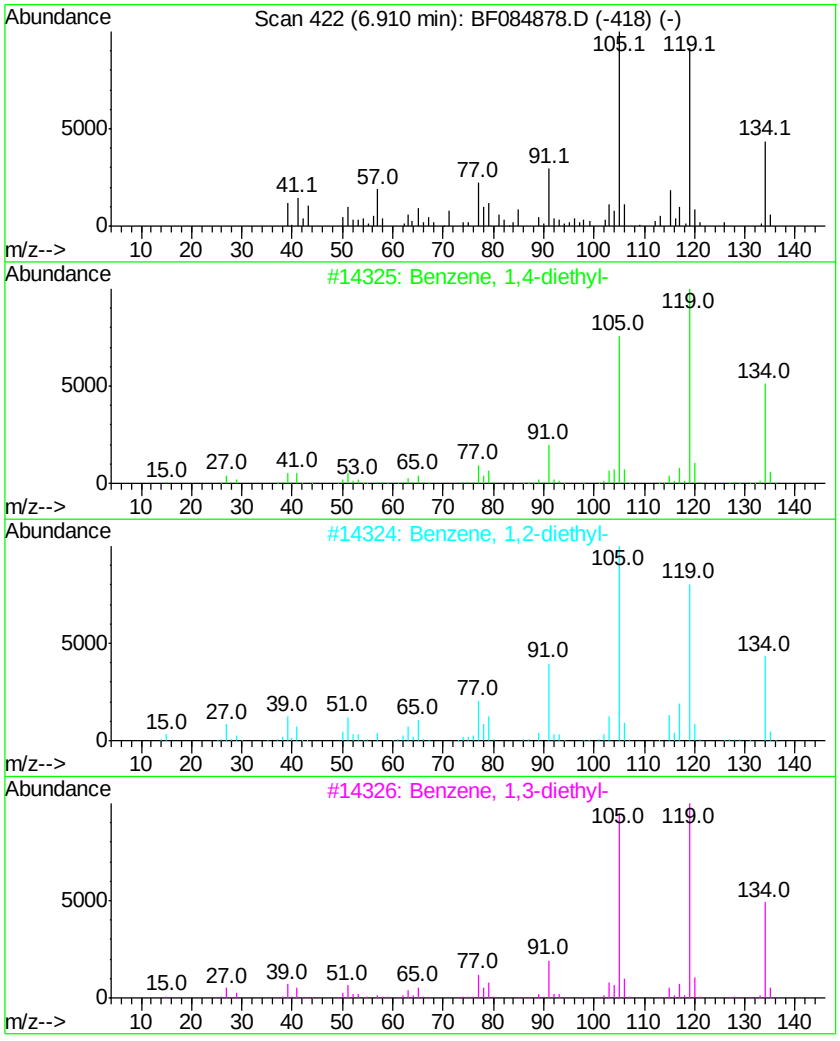
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

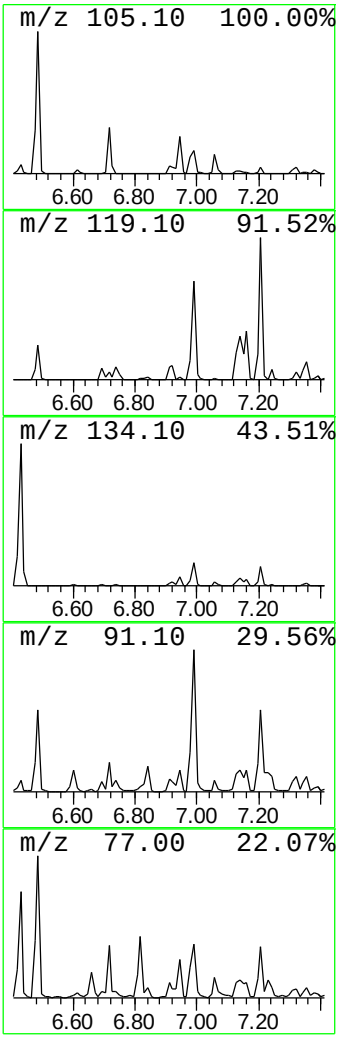
****

Peak Number 12 Benzene, 1,4-diethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.91	4.17 ng	246742	1,4-Dichlorobenzene-d4	6.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	94
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	94
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	87
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	83





Data Path : Z:\HPCHEM1\BNA F\DATA\BF020516\
Data File : BF084878.D
Acq On : 5 Feb 2016 23:47
Operator : SJ/IZ
Sample : H1311-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B007(10-11)

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

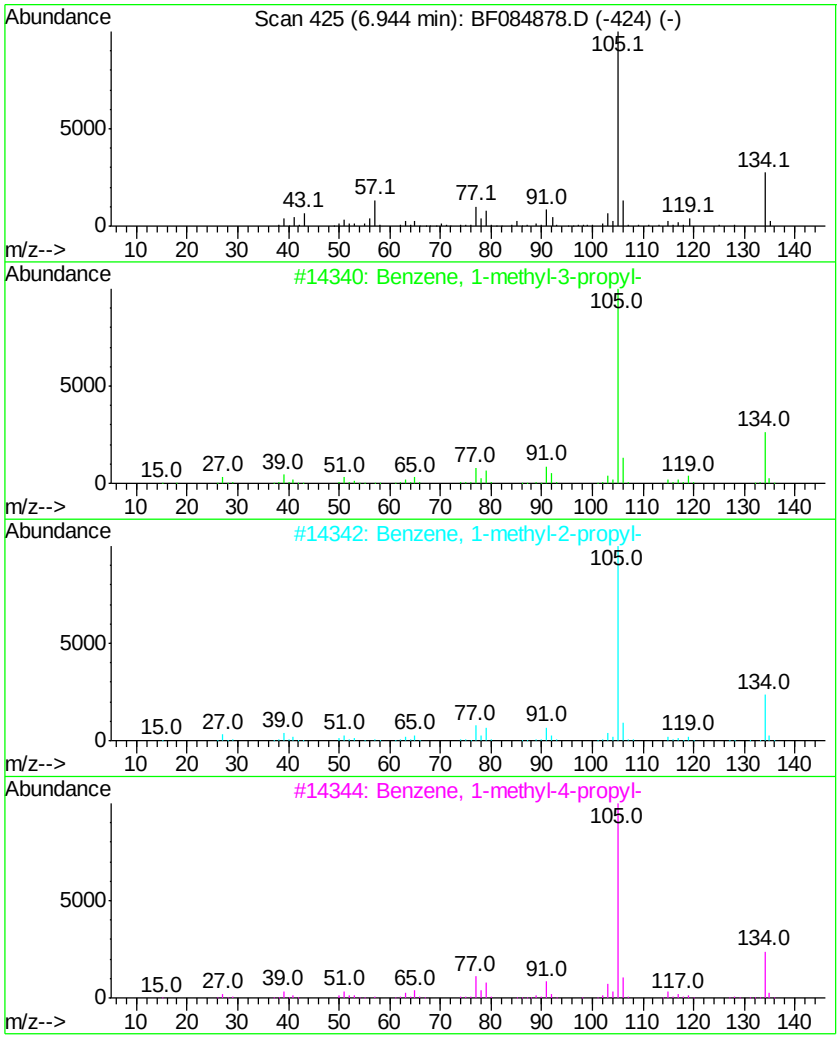
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

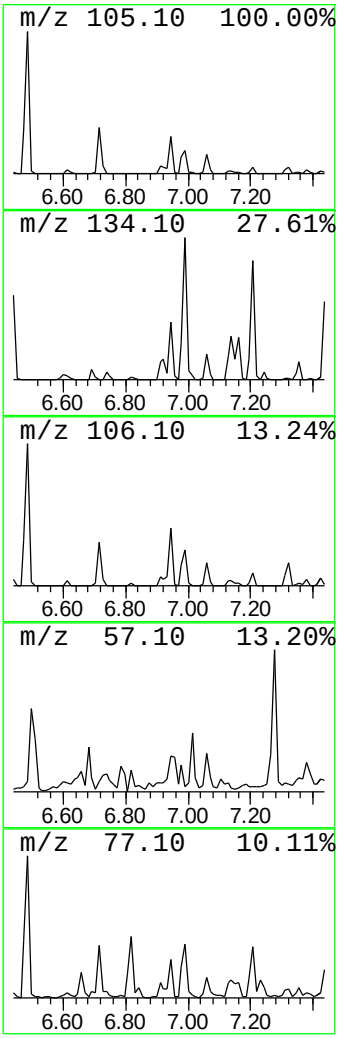
****

Peak Number 13 Benzene, 1-methyl-3-propyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.94	4.37 ng	258110	1,4-Dichlorobenzene-d4	6.66

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-2-propyl-	134	C10H14	001074-17-5	93
3	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	81
4	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	74
5	2-Indanol	134	C9H10O	004254-29-9	72





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020516\
Data File : BF084878.D
Acq On : 5 Feb 2016 23:47
Operator : SJ/IZ
Sample : H1311-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B007(10-11)

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

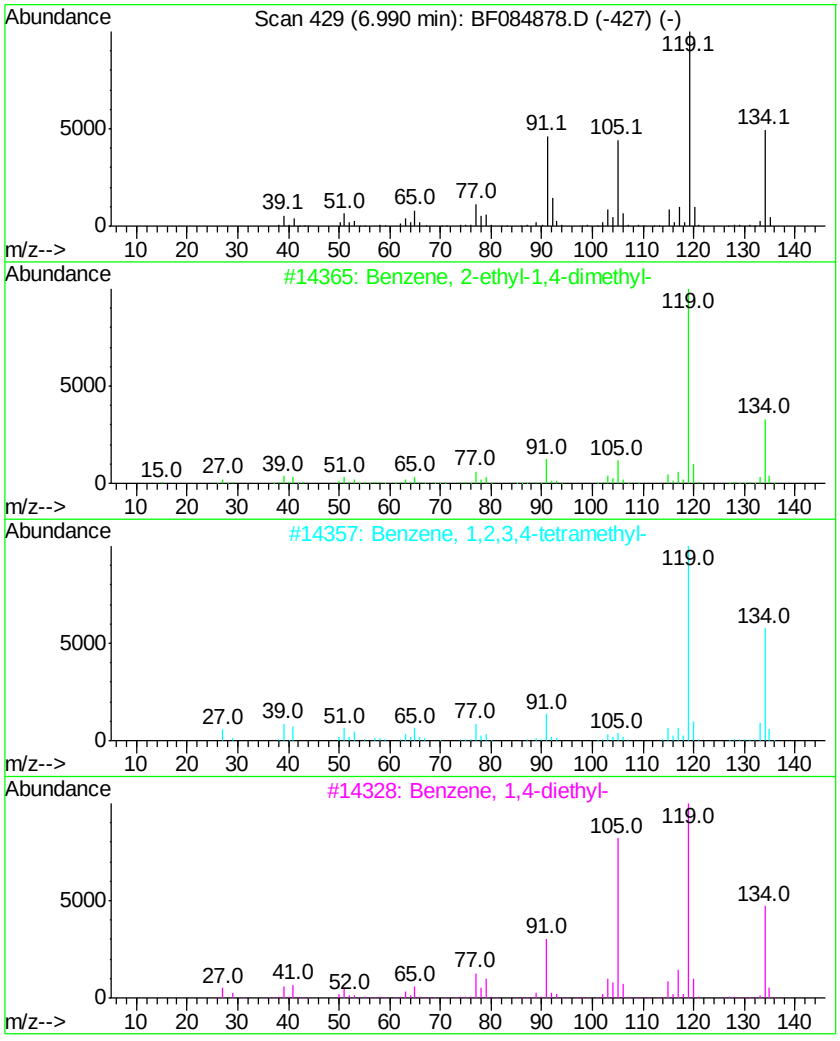
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

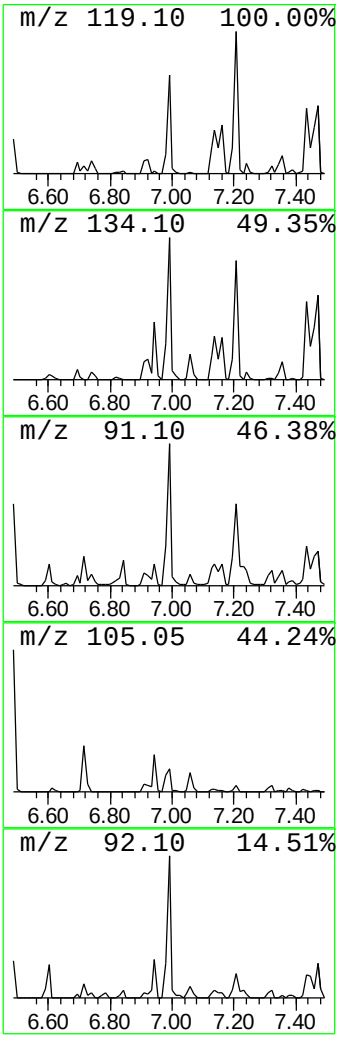
****

Peak Number 14 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.99	9.98 ng	589864	1,4-Dichlorobenzene-d4	6.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	91
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	90





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020516\
Data File : BF084878.D
Acq On : 5 Feb 2016 23:47
Operator : SJ/IZ
Sample : H1311-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B007(10-11)

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

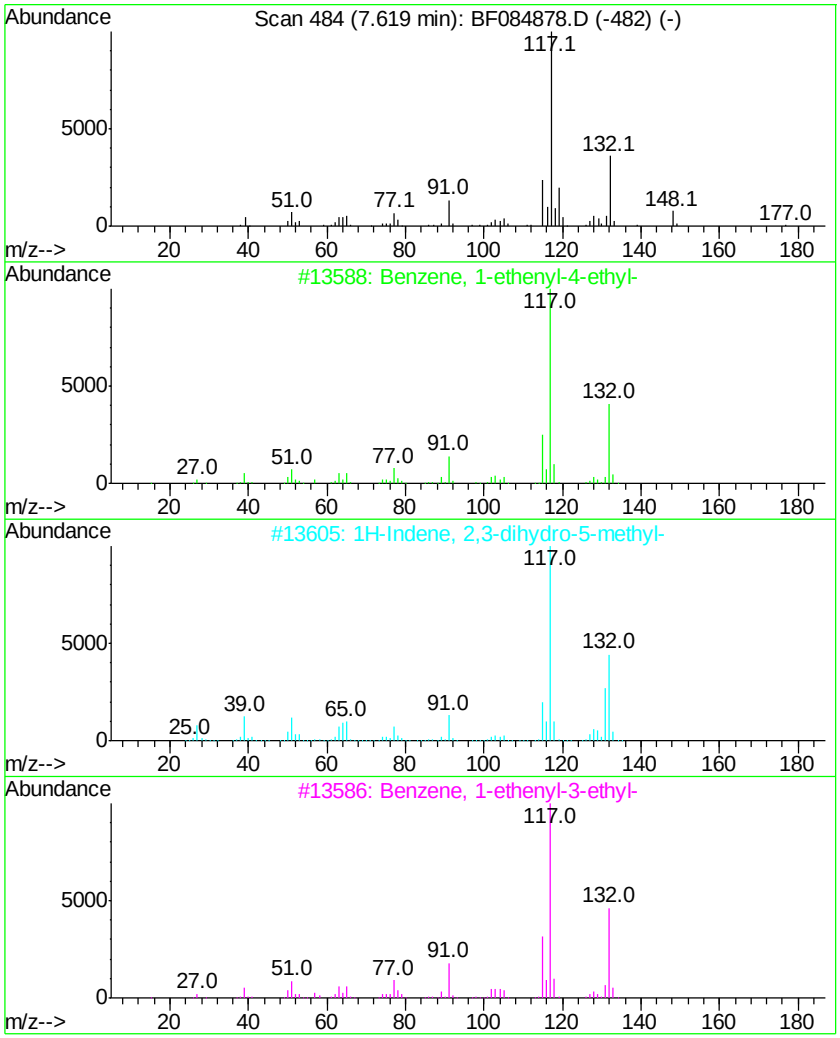
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

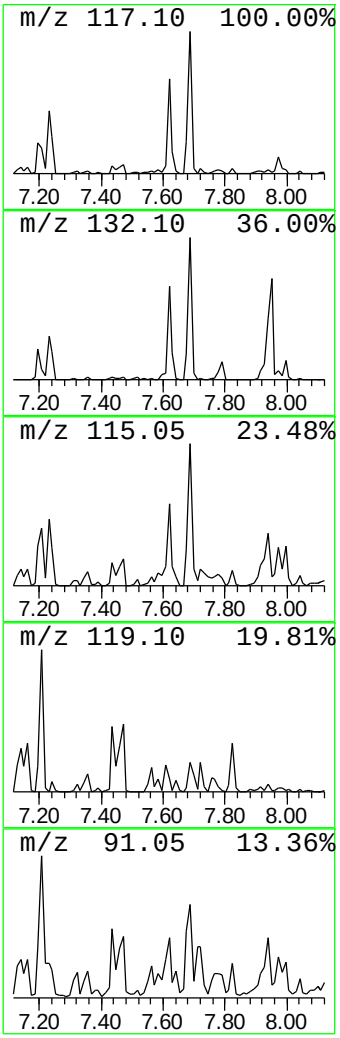
****

Peak Number 16 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.62	4.06 ng	501504	Naphthalene-d8	7.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	81
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	76
3	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	74
4	Indan, 1-methyl-	132	C10H12	000767-58-8	74
5	1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	74





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020516\
Data File : BF084878.D
Acq On : 5 Feb 2016 23:47
Operator : SJ/IZ
Sample : H1311-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B007(10-11)

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

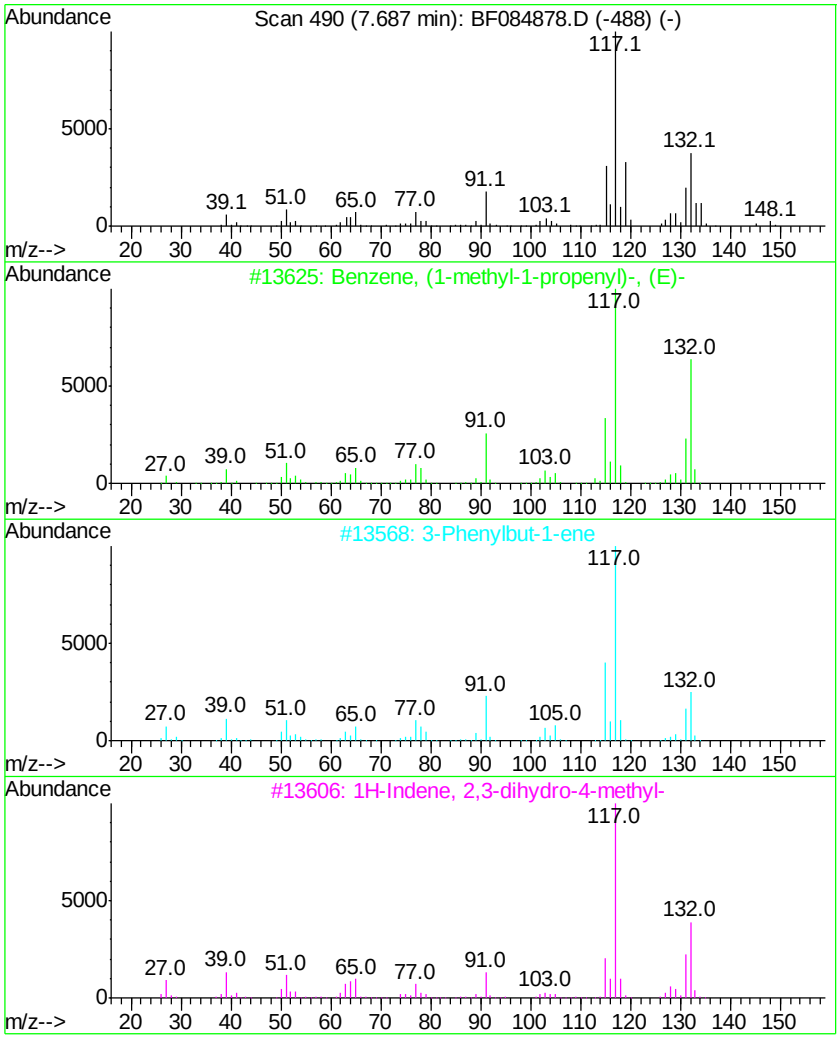
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

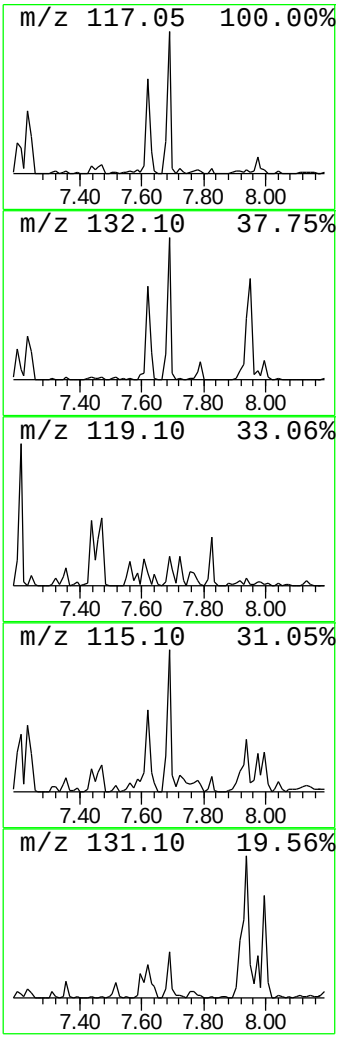
****

Peak Number 17 Benzene, (1-methyl-1-propen... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.69	5.19 ng	640044	Naphthalene-d8	7.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	81
2	3-Phenylbut-1-ene	132	C10H12	000934-10-1	81
3	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	76
4	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	70
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	68





Data Path : Z:\HPCHEM1\BNA F\DATA\BF020516\
Data File : BF084878.D
Acq On : 5 Feb 2016 23:47
Operator : SJ/IZ
Sample : H1311-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B007(10-11)

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

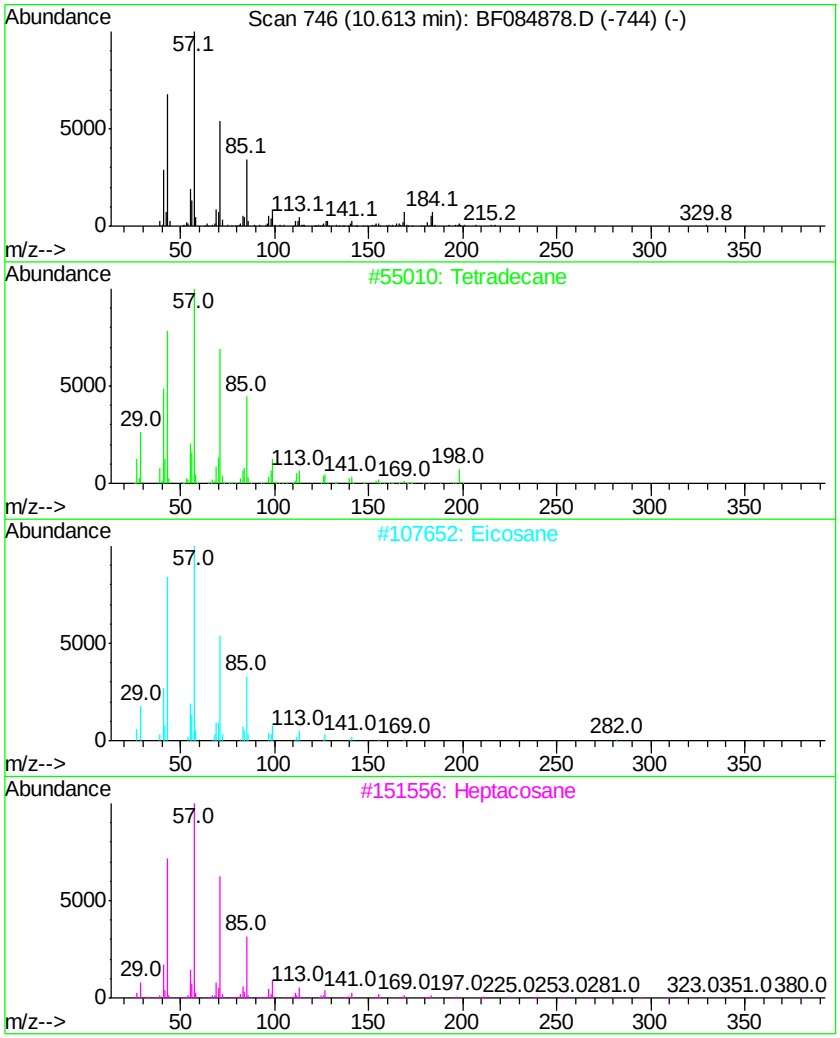
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

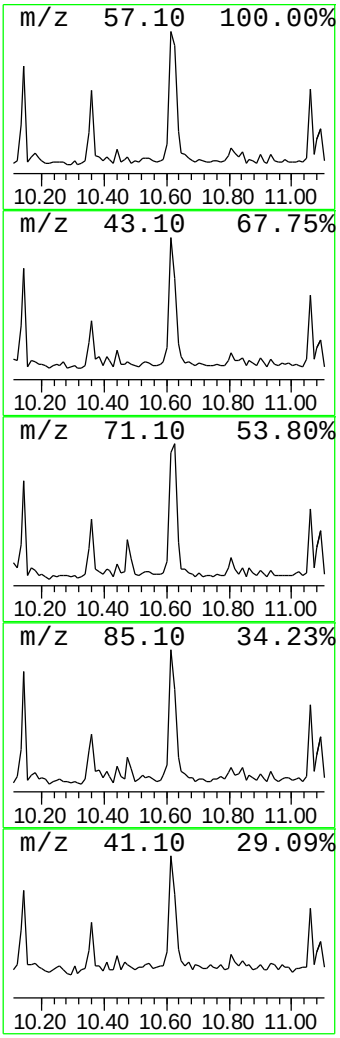
****

Peak Number 18 Tetradecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.61	7.48 ng	497524	Phenanthrene-d10	11.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	95
2	Eicosane	282	C20H42	000112-95-8	87
3	Heptacosane	380	C27H56	000593-49-7	80
4	Tetracosane	338	C24H50	000646-31-1	80
5	Hexadecane	226	C16H34	000544-76-3	80





Data Path : Z:\HPCHEM1\BNA F\DATA\BF020516\
Data File : BF084878.D
Acq On : 5 Feb 2016 23:47
Operator : SJ/IZ
Sample : H1311-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B007(10-11)

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

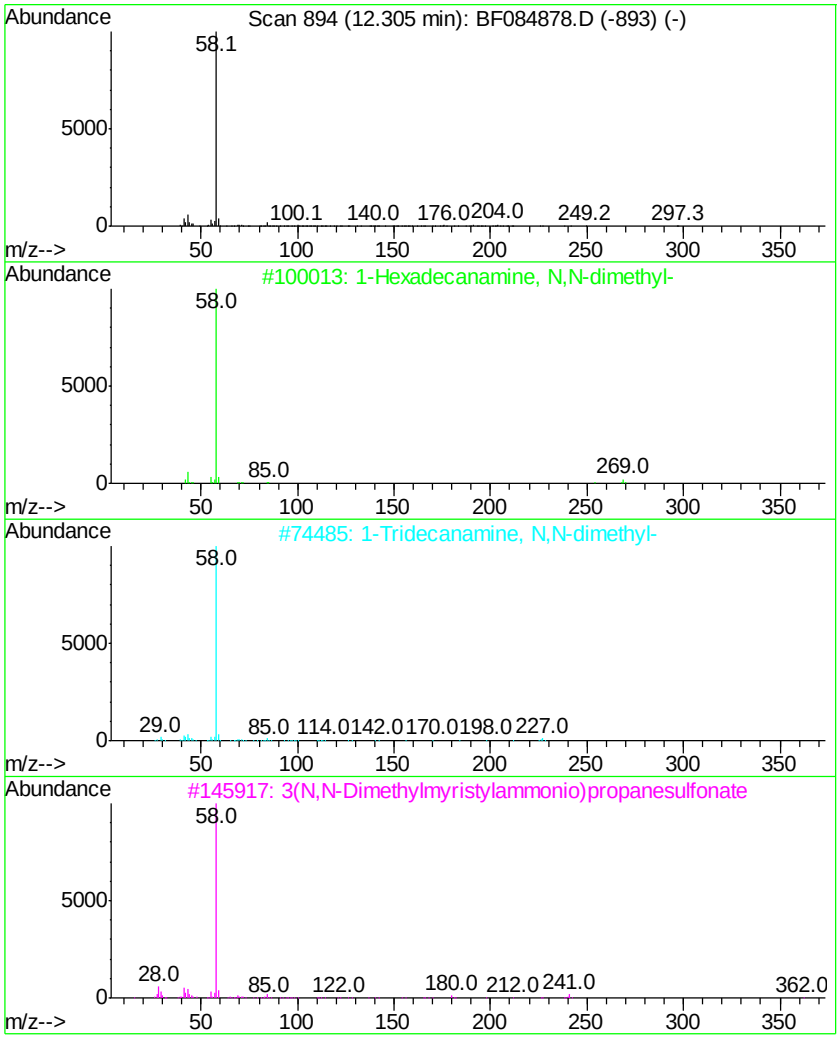
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

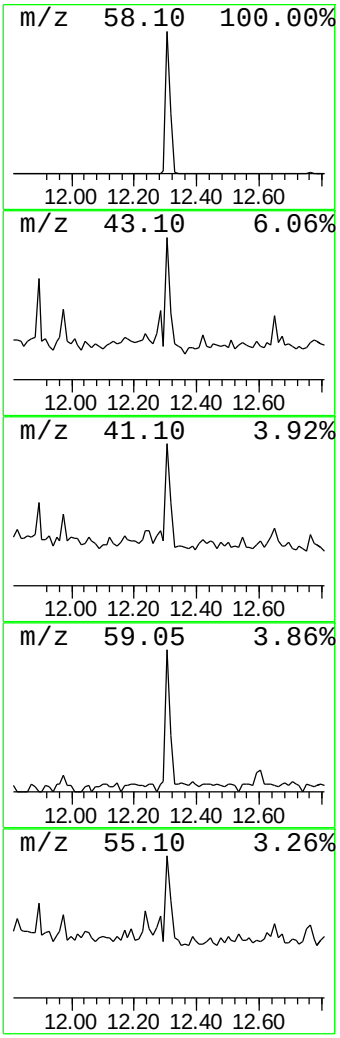
****

Peak Number 19 1-Hexadecanamine, N,N-dimet... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.31	5.03 ng	334120	Phenanthrene-d10	11.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexadecanamine, N,N-dimethyl-	269	C18H39N	000112-69-6	72
2	1-Tridecanamine, N,N-dimethyl-	227	C15H33N	017373-29-4	72
3	3(N,N-Dimethylmyristylammonio)pr...	363	C19H41NO3S	014933-09-6	72
4	1-Pentadecanamine, N,N-dimethyl-	255	C17H37N	017678-60-3	72
5	Octadecylbenzyldimethylammonium ...	423	C27H50ClN	000122-19-0	72





Data Path : Z:\HPCHEM1\BNA F\DATA\BF020516\
Data File : BF084878.D
Acq On : 5 Feb 2016 23:47
Operator : SJ/IZ
Sample : H1311-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B007(10-11)

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

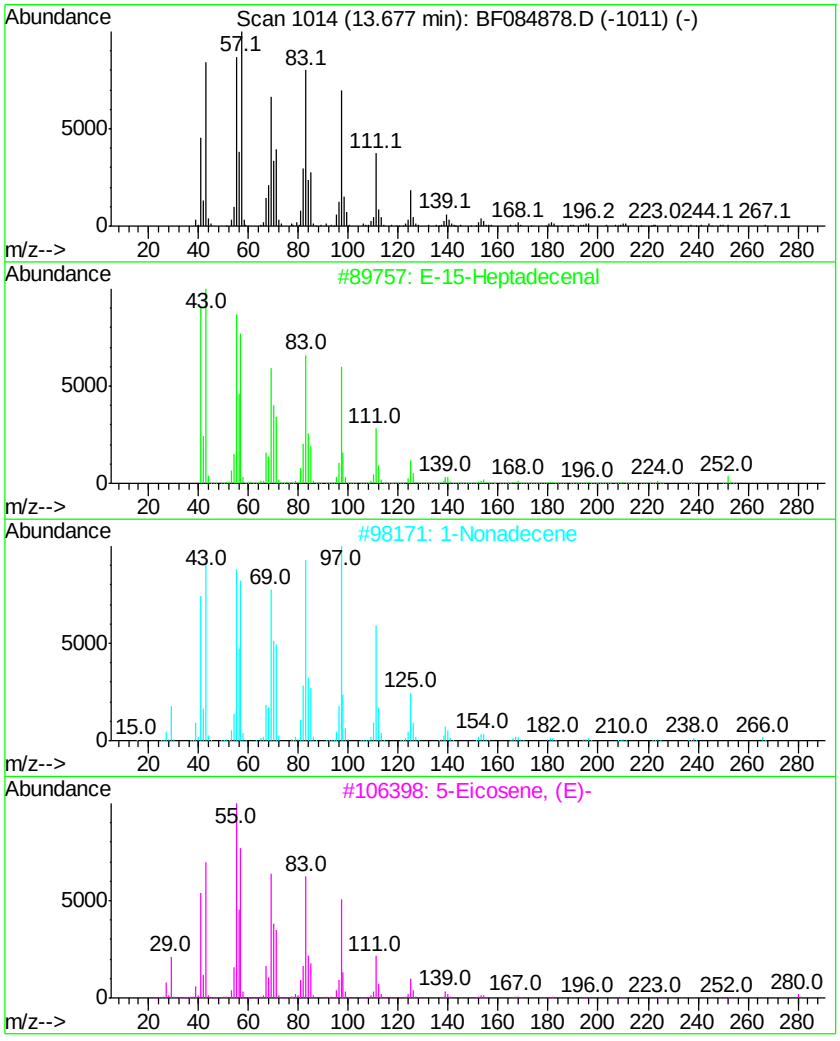
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

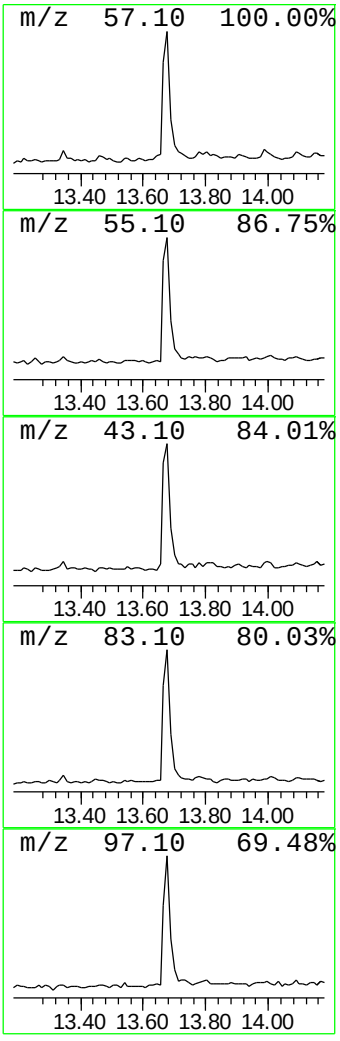
****

Peak Number 20 E-15-Heptadecenal Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.68	11.89 ng	715260	Chrysene-d12	13.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	E-15-Heptadecenal	252	C17H32O	1000130-97-9	91
2	1-Nonadecene	266	C19H38	018435-45-5	90
3	5-Eicosene, (E)-	280	C20H40	074685-30-6	90
4	1-Tetracosanol	354	C24H50O	000506-51-4	87
5	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020516\
Data File : BF084878.D
Acq On : 5 Feb 2016 23:47
Operator : SJ/IZ
Sample : H1311-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B007(10-11)

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
2-Pentanone, 4-hy...	4.81	20.9	ng	1236270	1	6.66	1182240	20.0
Bicyclo[3.1.1]hep...	5.92	4.4	ng	260453	1	6.66	1182240	20.0
Benzene, 1-ethyl-...	6.18	10.4	ng	613463	1	6.66	1182240	20.0
Benzene, 1-ethyl-...	6.21	4.6	ng	271600	1	6.66	1182240	20.0
Benzene, 1,2,3-tr...	6.26	6.1	ng	361446	1	6.66	1182240	20.0
unknown6.43	6.43	71.7	ng	4236380	1	6.66	1182240	20.0
Benzene, 1,4-diet...	6.91	4.2	ng	246742	1	6.66	1182240	20.0
Benzene, 1-methyl...	6.94	4.4	ng	258110	1	6.66	1182240	20.0
Benzene, 2-ethyl-...	6.99	10.0	ng	589864	1	6.66	1182240	20.0
Benzene, 1-etheny...	7.62	4.1	ng	501504	2	7.95	2467740	20.0
Benzene, (1-methy...	7.69	5.2	ng	640044	2	7.95	2467740	20.0
Tetradecane	10.61	7.5	ng	497524	4	11.17	1329490	20.0
1-Hexadecanamine,...	12.31	5.0	ng	334120	4	11.17	1329490	20.0
E-15-Heptadecenal	13.68	11.9	ng	715260	5	13.80	1202690	20.0