LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120215\
Data File : BF083415.D
Acq On : 2 Dec 2015 13:39
Operator : UM/IZ
Sample : G4582-10
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-P3WC-07(8-14)

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-BF113015.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	2.738	84	92	95	rBV	57267	128994	1.95%	0.179%
2	2.876	97	104	108	rVV	59291	129076	1.95%	0.179%
3	3.138	120	127	136	rVB	172710	398271	6.02%	0.553%
4	3.516	154	160	167	rVB	55136	143975	2.18%	0.200%
5	3.950	194	198	205	rVB2	61819	135944	2.05%	0.189%
6	4.556	249	251	254	rVB	57332	73418	1.11%	0.102%
7	4.659	258	260	268	rVV	1204911	2115295	31.96%	2.938%
8	4.933	281	284	286	rVV	455547	576401	8.71%	0.801%
9	4.990	286	289	292	rVB2	66894	124746	1.89%	0.173%
10	5.047	292	294	300	rBV	870270	1627237	24.59%	2.260%
11	5.139	300	302	308	rBV	4985130	5652654	85.42%	7.851%
12	5.333	317	319	321	rBV	706419	706431	10.67%	0.981%
13	5.424	325	327	329	rVB	120081	164169	2.48%	0.228%
14	5.676	345	349	352	rBV	127684	192408	2.91%	0.267%
15	5.779	355	358	361	rVB3	60958	96364	1.46%	0.134%
16	5.984	371	376	378	rBV	285193	293319	4.43%	0.407%
17	6.030	378	380	381	rBV	259849	295132	4.46%	0.410%
18	6.053	381	382	384	rVV	783305	759525	11.48%	1.055%
19	6.087	384	385	387	rVB	490220	387675	5.86%	0.538%
20	6.133	387	389	394	rVB	521945	579968	8.76%	0.806%
21	6.224	394	397	399	rBV	4819112	6617670	100.00%	9.191%
22	6.316	403	405	408	rBV	5137694	5258090	79.46%	7.303%
23	6.362	408	409	411	rBV	1165872	1493727	22.57%	2.075%
24	6.487	418	420	422	rBV2	51363	84133	1.27%	0.117%
25	6.544	422	425	426	rVV	787371	971811	14.69%	1.350%
26	6.579	426	428	429	rVV	253788	276721	4.18%	0.384%
27	6.602	429	430	432	rVV	474401	400584	6.05%	0.556%
28	6.693	436	438	443	rVV2	3164054	4913098	74.24%	6.824%
29	6.807	445	448	449	rVV	236267	364981	5.52%	0.507%
30	6.830	449	450	452	rVV	460093	436223	6.59%	0.606%
31	6.876	452	454	455	rVV	470790	466531	7.05%	0.648%
32	6.899	455	456	459	rVV	132067	206529	3.12%	0.287%
33	6.944	459	460	463	rVV2	113234	143183	2.16%	0.199%
34	7.024	463	467	470	rVV4	175563	469805	7.10%	0.653%

LSC Area Percent Report

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Data File : BF083415.D
Acq On : 2 Dec 2015 13:39
Operator : UM/IZ
Sample : G4582-10
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-P3WC-07(8-14)

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-BF113015.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.116	470	475	477	rVV	3590694	4217623	63.73%	5.858%
36	7.162	477	479	481	rVV	107871	148999	2.25%	0.207%
37	7.242	484	486	491	rVV4	90511	198817	3.00%	0.276%
38	7.322	491	493	495	rVV	163428	265272	4.01%	0.368%
39	7.356	495	496	498	rVV	252624	189691	2.87%	0.263%
40	7.470	502	506	507	rVV3	48934	94404	1.43%	0.131%
41	7.505	507	509	510	rVV	193844	190956	2.89%	0.265%
42	7.573	513	515	517	rVV3	279284	405531	6.13%	0.563%
43	7.607	517	518	521	rVV3	163040	279344	4.22%	0.388%
44	7.665	521	523	525	rVV2	63484	99203	1.50%	0.138%
45	7.710	525	527	530	rVB	51798	68162	1.03%	0.095%
46	7.847	535	539	542	rBV2	1751109	3106800	46.95%	4.315%
47	8.110	558	562	564	rBV2	47406	82206	1.24%	0.114%
48	8.225	568	572	574	rBV	55334	107537	1.62%	0.149%
49	8.545	597	600	602	rBV	198923	184957	2.79%	0.257%
50	8.636	606	608	611	rVB	359658	355748	5.38%	0.494%
51	8.785	619	621	625	rVB	76942	100626	1.52%	0.140%
52	8.910	629	632	635	rVV	5221433	5396923	81.55%	7.496%
53	9.002	638	640	643	rBV	151234	182258	2.75%	0.253%
54	9.105	645	649	652	rVB	35006	80166	1.21%	0.111%
55	9.162	652	654	658	rBV	41419	71021	1.07%	0.099%
56	9.242	658	661	662	rBV	89220	98496	1.49%	0.137%
57	9.310	665	667	669	rVV	1190272	1095204	16.55%	1.521%
58	9.528	684	686	688	rBV	155680	198281	3.00%	0.275%
59	9.573	688	690	692	rVV	1636563	1617867	24.45%	2.247%
60	9.608	692	693	695	rVB	379990	281871	4.26%	0.391%
61	10.031	723	730	732	rBV	312310	334880	5.06%	0.465%
62	10.122	736	738	740	rVB	77208	81714	1.23%	0.113%
63	10.248	746	749	752	rBV	98225	171959	2.60%	0.239%
64	10.362	756	759	762	rVB2	2909807	3637370	54.96%	5.052%
65	10.511	770	772	776	rBV	235073	319847	4.83%	0.444%
66	11.002	813	815	816	rBV	114384	110706	1.67%	0.154%
67	11.116	822	825	826	rBV	1064419	1504876	22.74%	2.090%
68	11.139	826	827	829	rVV	136475	114015	1.72%	0.158%
69	11.208	829	833	838	rVB4	34881	116756	1.76%	0.162%
70	11.699	872	876	880	rBV2	30465	68746	1.04%	0.095%
71	11.814	883	886	891	rBV2	305263	433030	6.54%	0.601%

LSC Area Percent Report

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Data File : BF083415.D
Acq On : 2 Dec 2015 13:39
Operator : UM/IZ
Sample : G4582-10
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-P3WC-07(8-14)

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-BF113015.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	12.168	914	917	920	rVB	62714	101633	1.54%	0.141%
73	12.374	931	935	939	rBV	44376	104283	1.58%	0.145%
74	12.454	939	942	945	rVV	117917	176431	2.67%	0.245%
75	12.694	961	963	966	rBV2	49024	75557	1.14%	0.105%
76	12.888	977	980	982	rBV	111153	159246	2.41%	0.221%
77	12.934	982	984	987	rVB2	112719	186627	2.82%	0.259%
78	13.208	1004	1008	1011	rVB	3848449	5412621	81.79%	7.518%
79	13.448	1026	1029	1033	rBV	67285	130781	1.98%	0.182%
80	13.928	1068	1071	1074	rBV	43028	84233	1.27%	0.117%
81	14.648	1126	1134	1138	rBV2	217824	476209	7.20%	0.661%
82	14.728	1138	1141	1144	rVV	1037942	1367747	20.67%	1.900%
83	16.797	1319	1322	1329	rBV	695975	1027301	15.52%	1.427%

Sum of corrected areas: 71998619

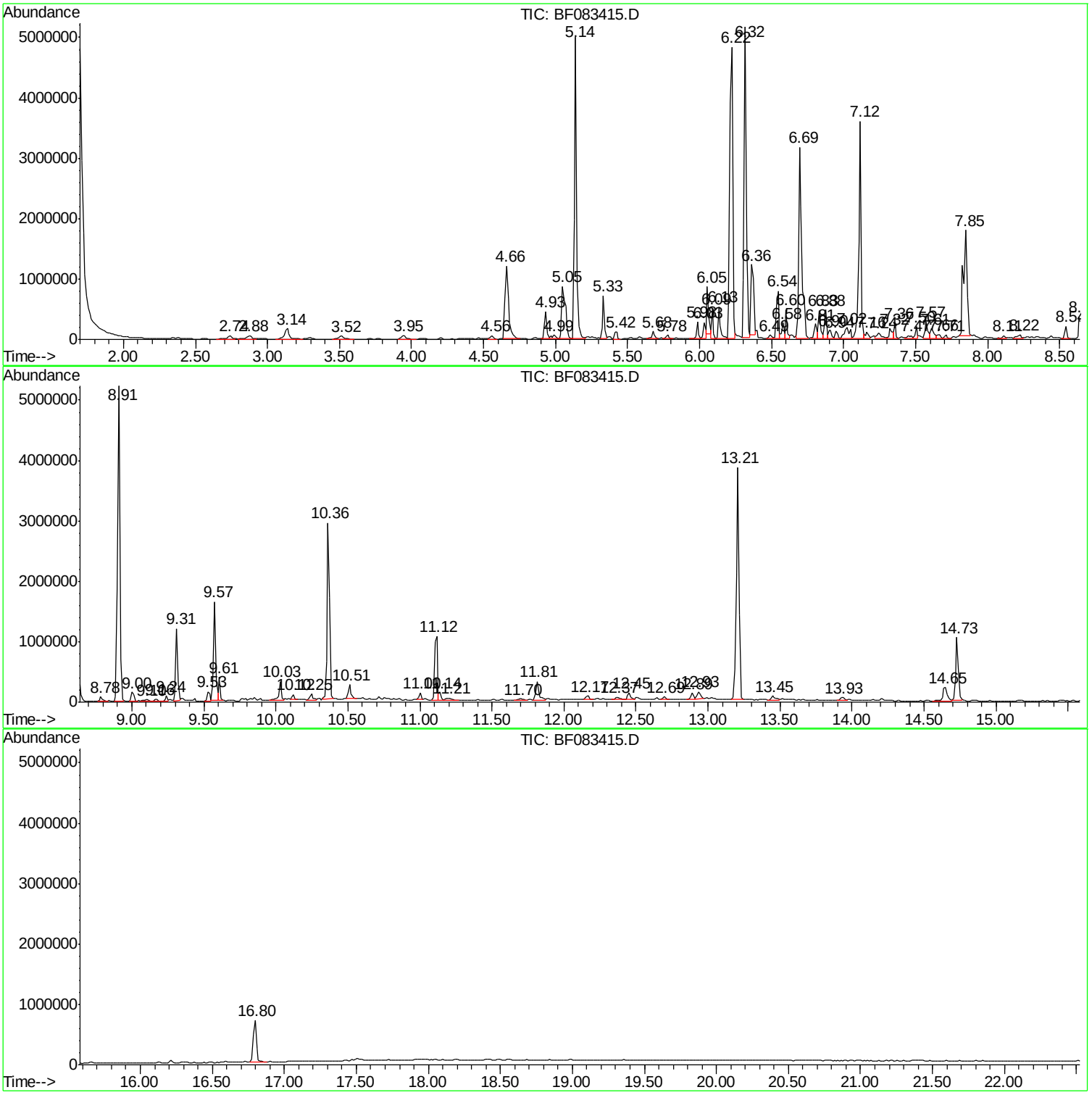
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120215\
Data File : BF083415.D
Acq On : 2 Dec 2015 13:39
Operator : UM/IZ
Sample : G4582-10
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-P3WC-07(8-14)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.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\BF120215\
Data File : BF083415.D
Acq On : 2 Dec 2015 13:39
Operator : UM/IZ
Sample : G4582-10
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-P3WC-07(8-14)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

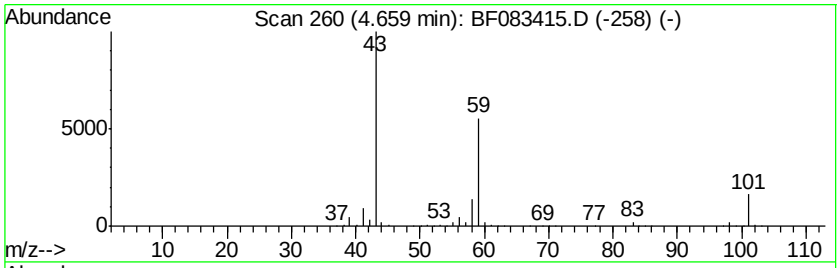
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

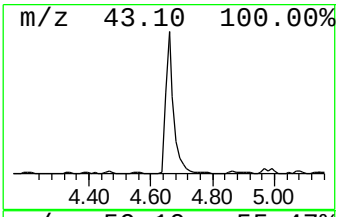
****

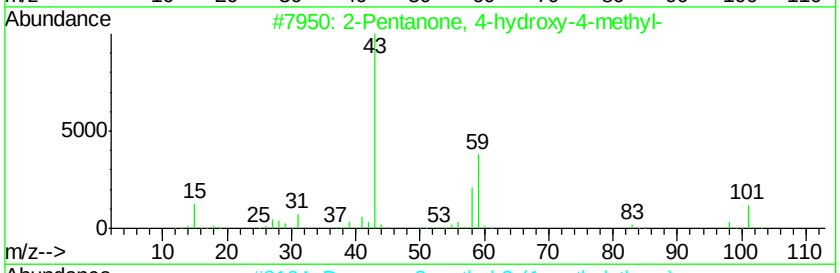
Peak Number 2 unknown4.66 Concentration Rank 3

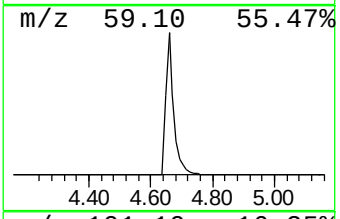
R.T.	EstConc	Area	Relative to ISTD	R.T.
4.66	43.53 ng	2115300	1,4-Dichlorobenzene-d4	6.54

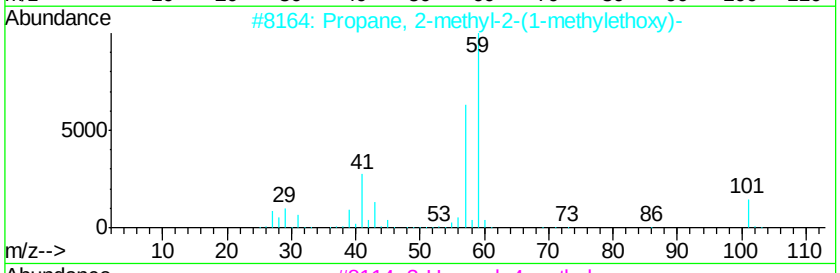
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	42
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32

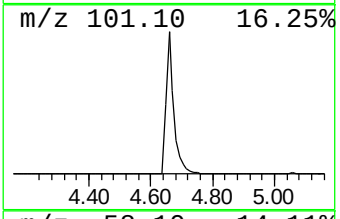


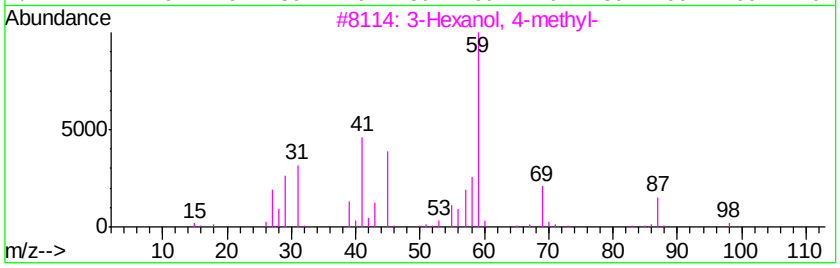


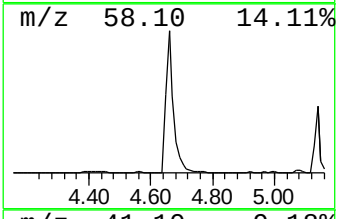


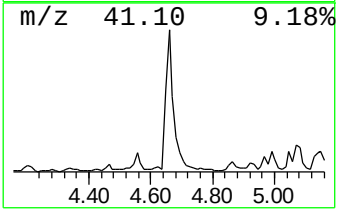












Data Path : Z:\HPCHEM1\BNA F\DATA\BF120215\
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Acq On : 2 Dec 2015 13:39
Operator : UM/IZ
Sample : G4582-10
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-P3WC-07(8-14)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

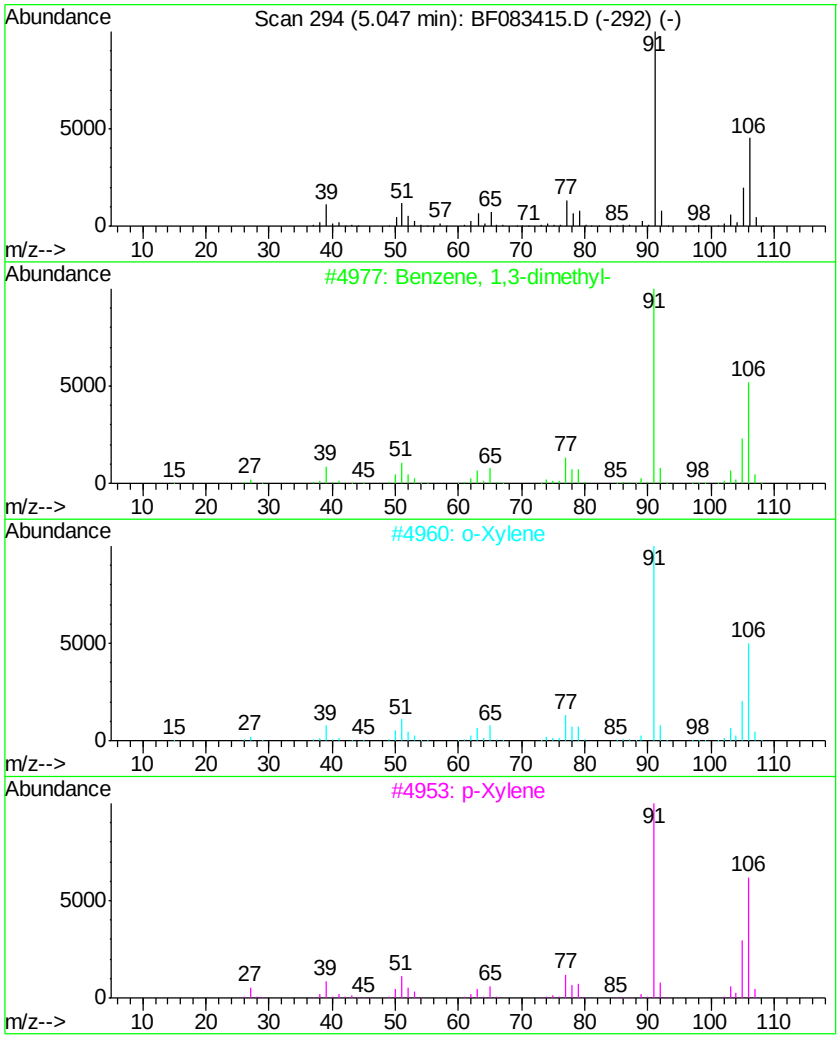
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

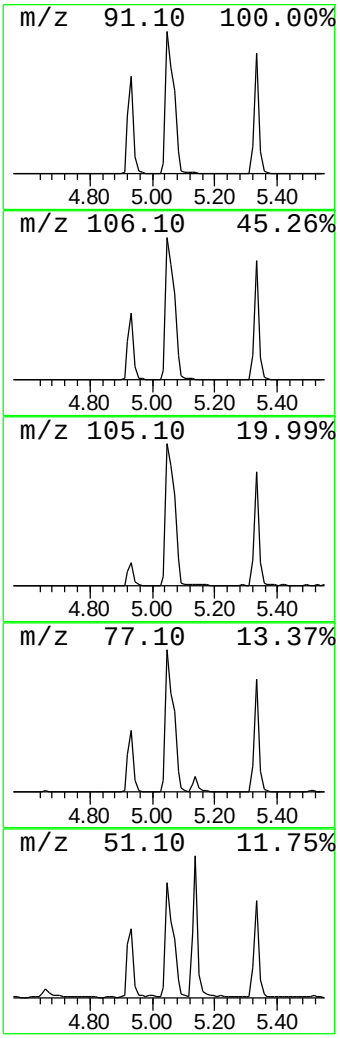
****

Peak Number 4 Benzene, 1,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.05	33.49 ng	1627240	1,4-Dichlorobenzene-d4	6.54

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	Cyclopentene, 1-ethenyl-3-methyl...	106	C8H10	061142-07-2	86





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120215\
Data File : BF083415.D
Acq On : 2 Dec 2015 13:39
Operator : UM/IZ
Sample : G4582-10
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-P3WC-07(8-14)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

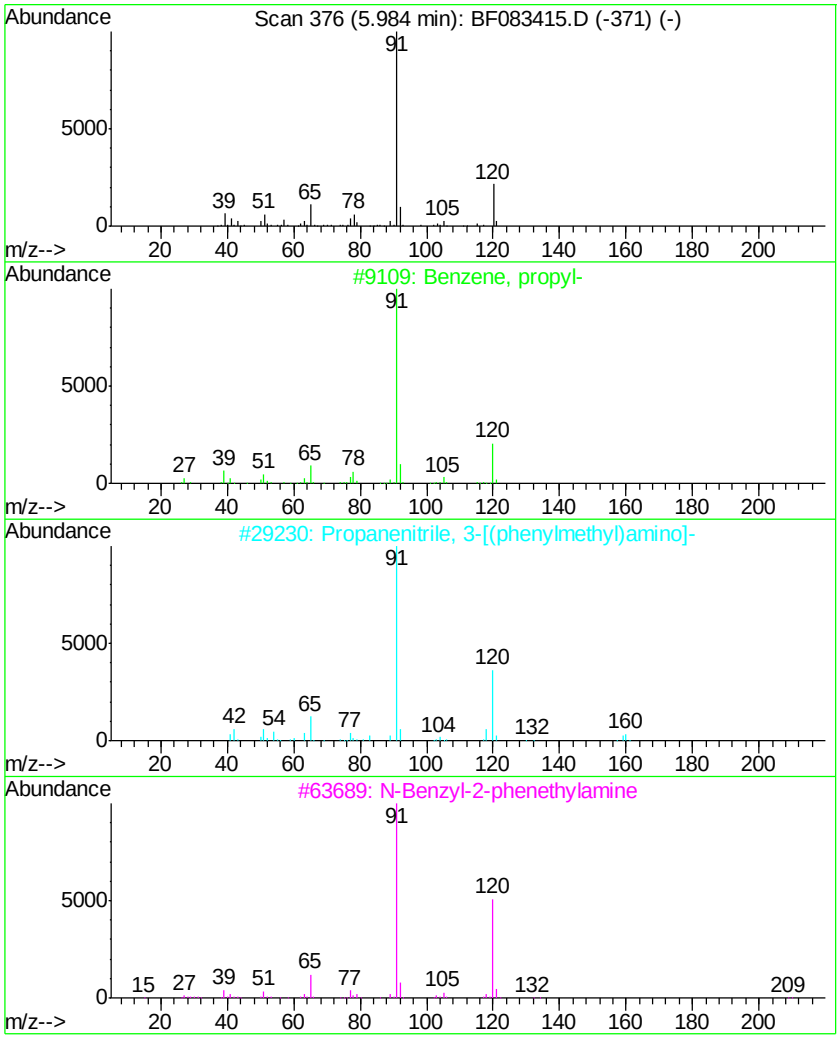
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

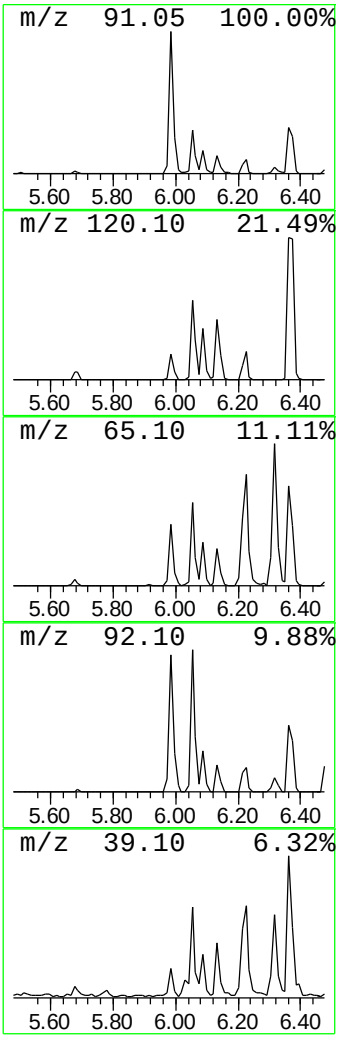
****

Peak Number 6 Benzene, propyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.98	6.04 ng	293319	1,4-Dichlorobenzene-d4	6.54

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	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	64
4	Propanedinitrile, (1-methylethen...	196	C13H12N2	069564-95-0	50
5	Benzeneacetaldehyde	120	C8H8O	000122-78-1	49





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120215\
Data File : BF083415.D
Acq On : 2 Dec 2015 13:39
Operator : UM/IZ
Sample : G4582-10
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-P3WC-07(8-14)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

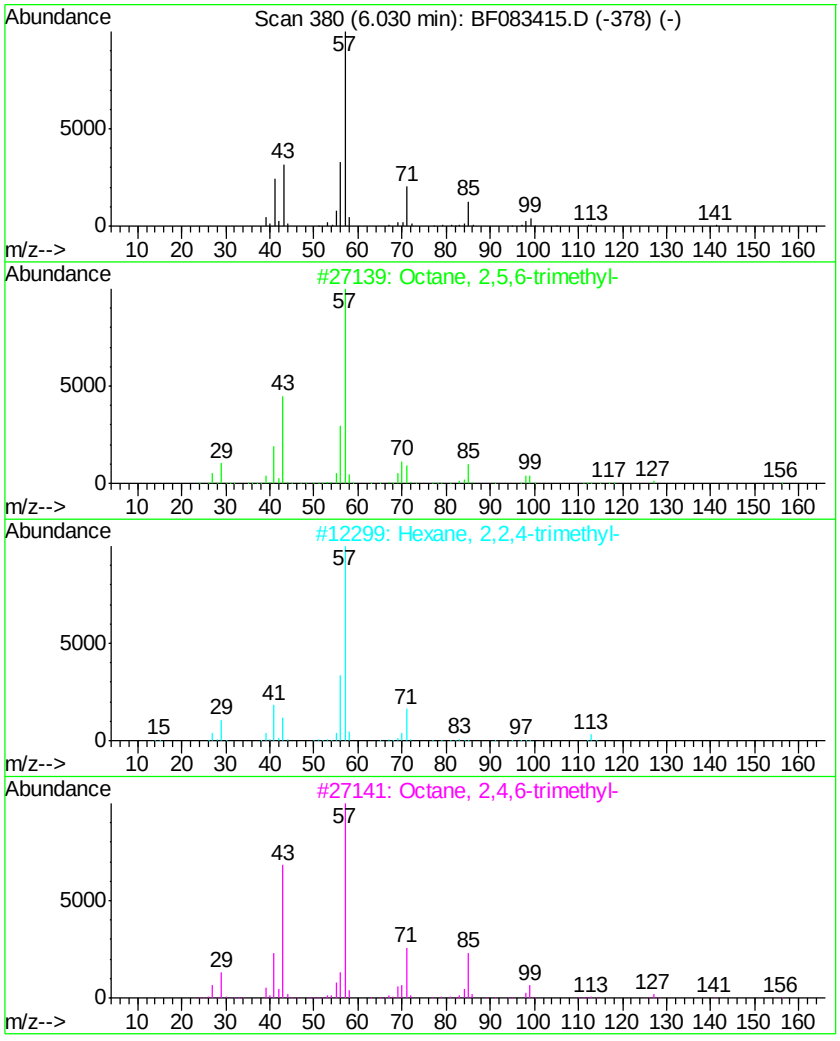
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

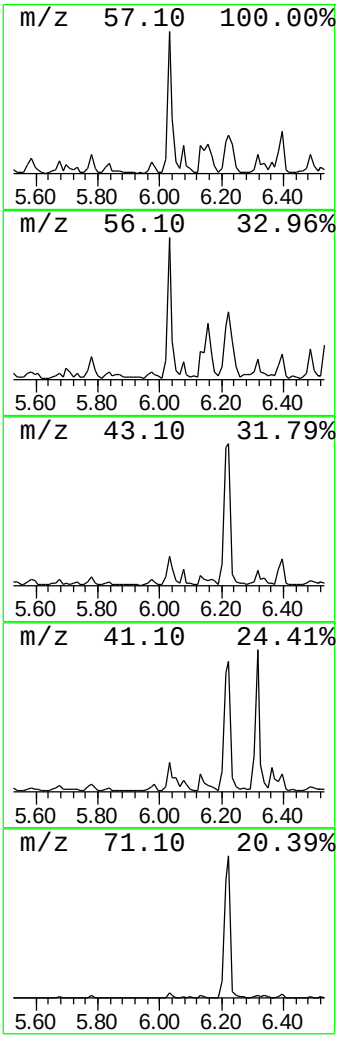
****

Peak Number 7 Octane, 2,5,6-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.03	6.07 ng	295132	1,4-Dichlorobenzene-d4	6.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,5,6-trimethyl-	156	C11H24	062016-14-2	64
2	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	59
3	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	56
4	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	50
5	Octane, 2,2,6-trimethyl-	156	C11H24	062016-28-8	50





Data Path : Z:\HPCHEM1\BNA F\DATA\BF120215\
Data File : BF083415.D
Acq On : 2 Dec 2015 13:39
Operator : UM/IZ
Sample : G4582-10
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-P3WC-07(8-14)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

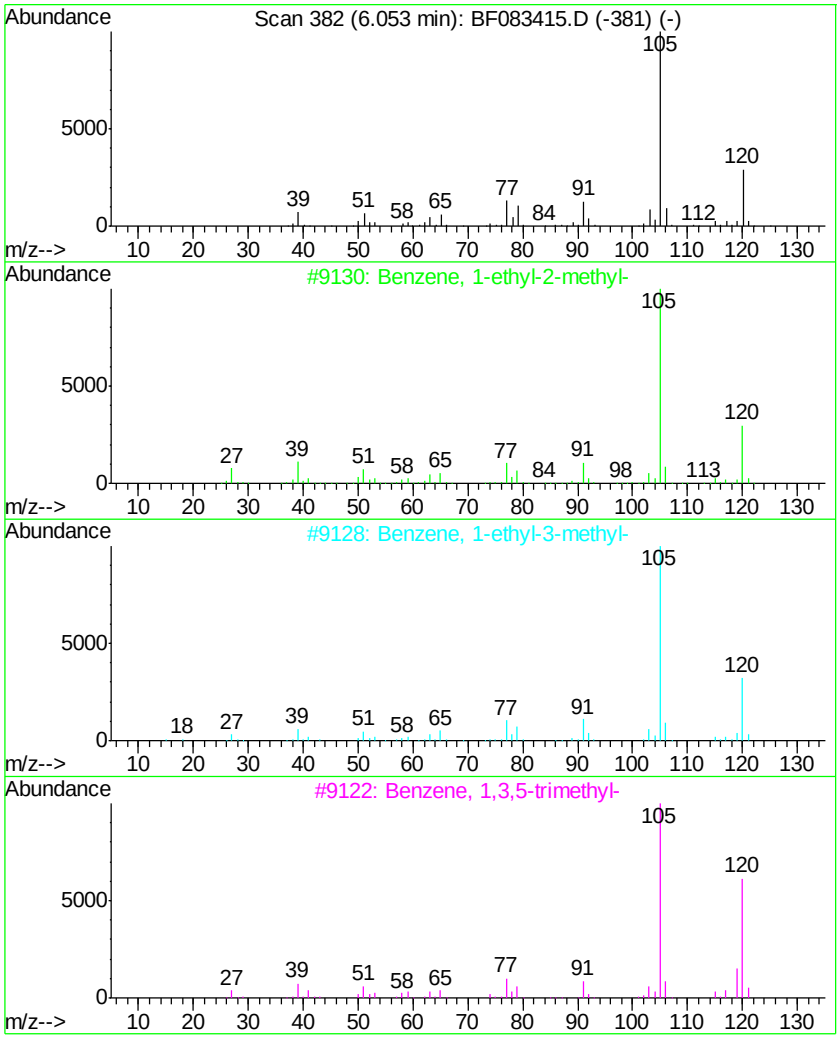
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

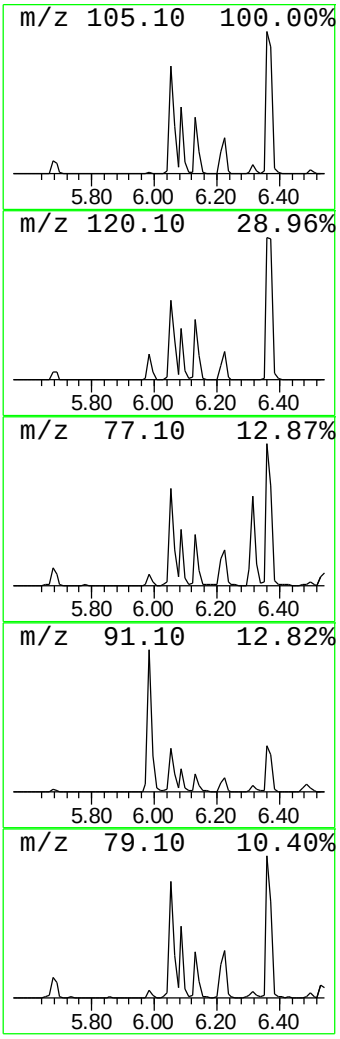
****

Peak Number 8 Benzene, 1-ethyl-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.05	15.63 ng	759525	1,4-Dichlorobenzene-d4	6.54

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





Data Path : Z:\HPCHEM1\BNA F\DATA\BF120215\
Data File : BF083415.D
Acq On : 2 Dec 2015 13:39
Operator : UM/IZ
Sample : G4582-10
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-P3WC-07(8-14)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

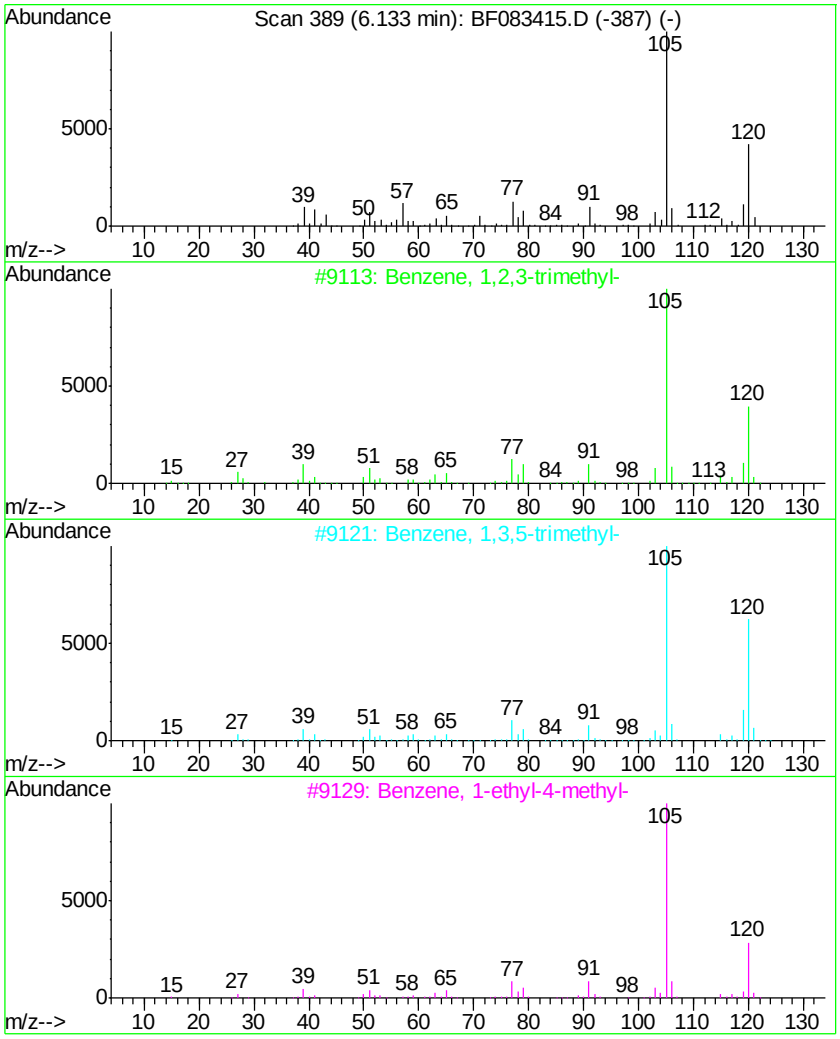
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

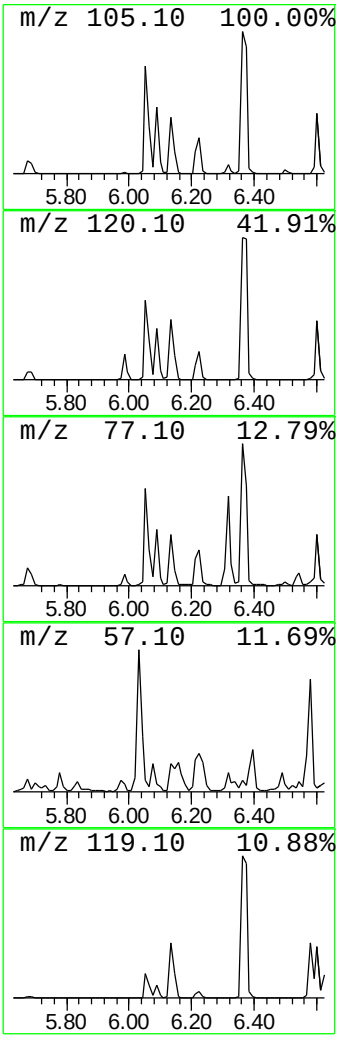
****

Peak Number 10 Benzene, 1,2,3-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.13	11.94 ng	579968	1,4-Dichlorobenzene-d4	6.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
2	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	93
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	93
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	87





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Data File : BF083415.D
Acq On : 2 Dec 2015 13:39
Operator : UM/IZ
Sample : G4582-10
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-P3WC-07(8-14)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

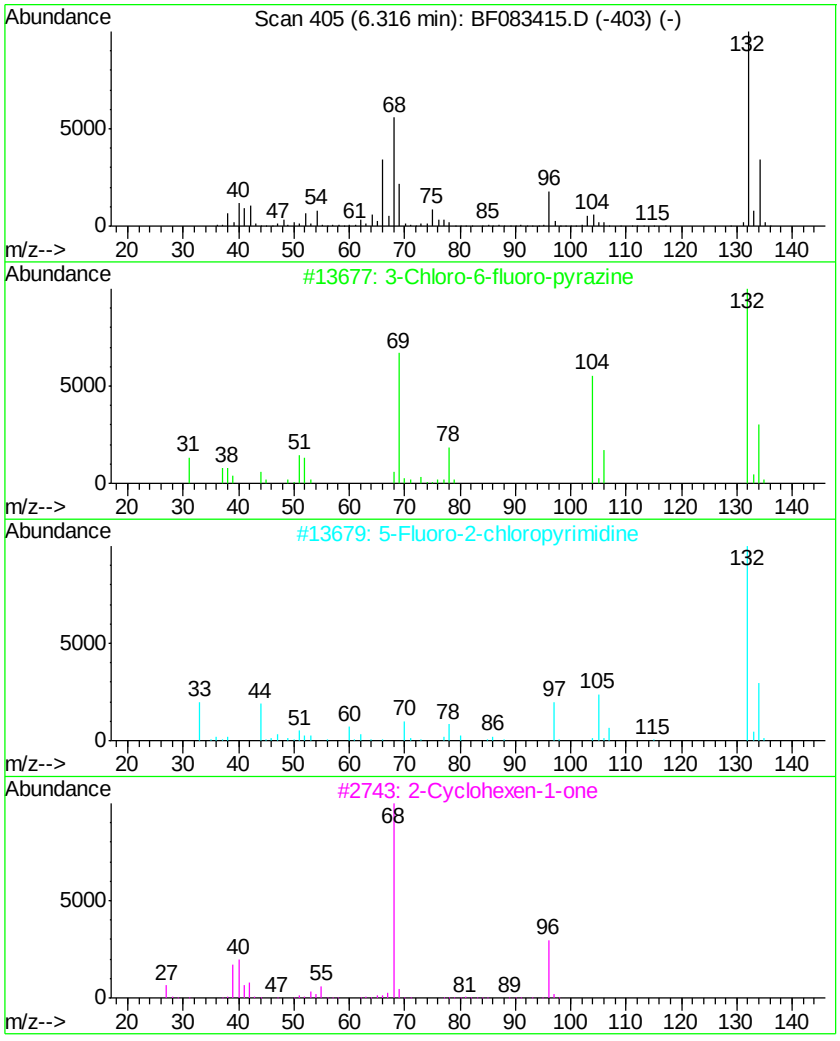
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

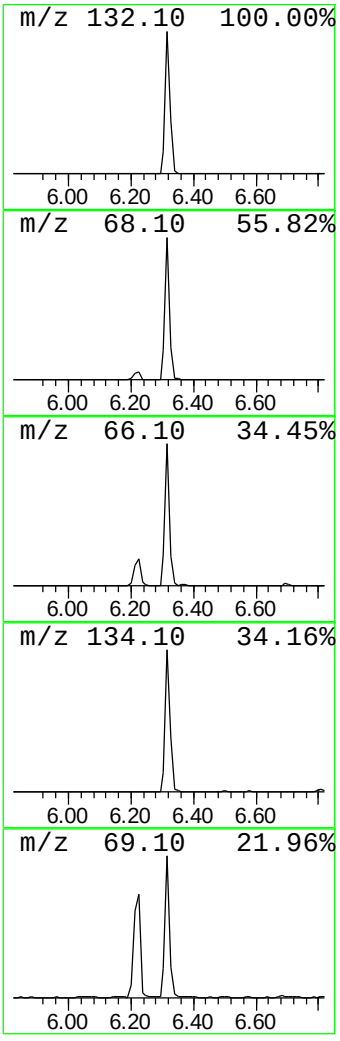
****

Peak Number 11 unknown6.32 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.32	108.21 ng	5258090	1,4-Dichlorobenzene-d4	6.54

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	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	11
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	5-Aminoindole	132	C8H8N2	005192-03-0	10





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Acq On : 2 Dec 2015 13:39
Operator : UM/IZ
Sample : G4582-10
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-P3WC-07(8-14)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.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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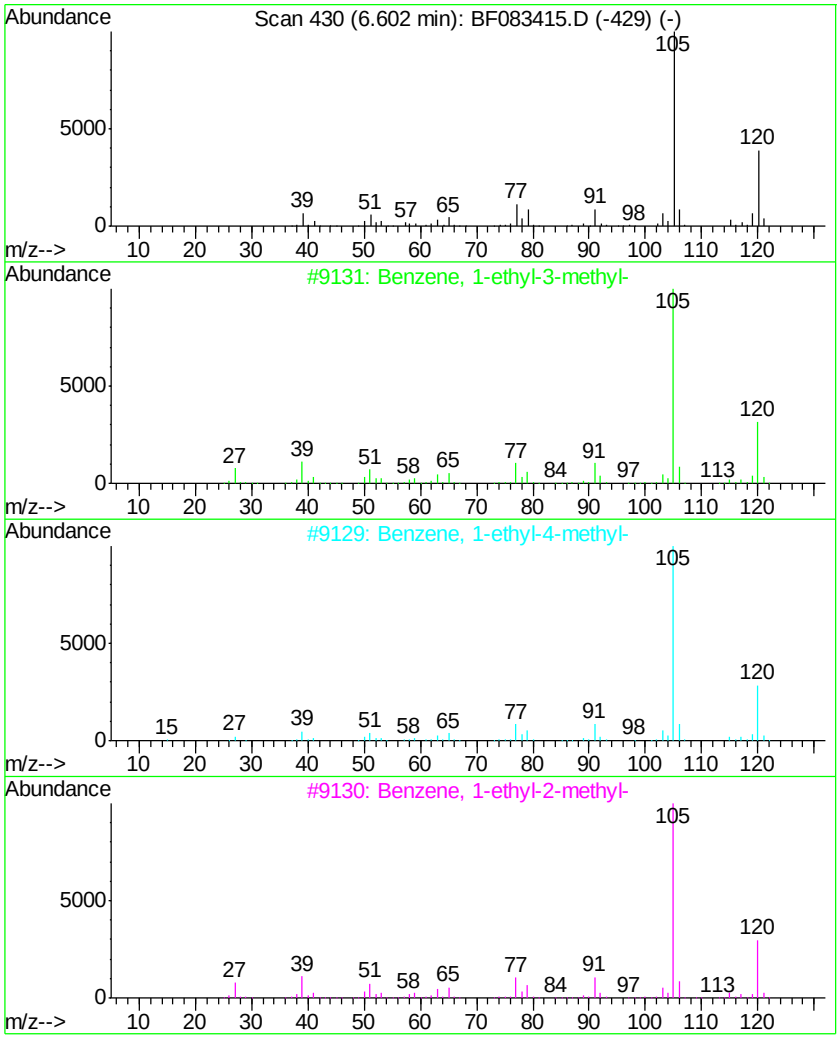
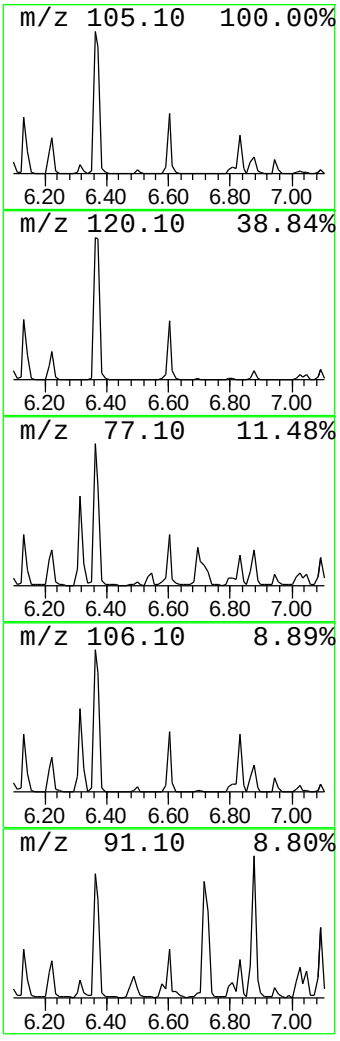
Peak Number 13 Benzene, 1-ethyl-3-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.60	8.24 ng	400584	1,4-Dichlorobenzene-d4	6.54

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





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Acq On : 2 Dec 2015 13:39
Operator : UM/IZ
Sample : G4582-10
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-P3WC-07(8-14)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.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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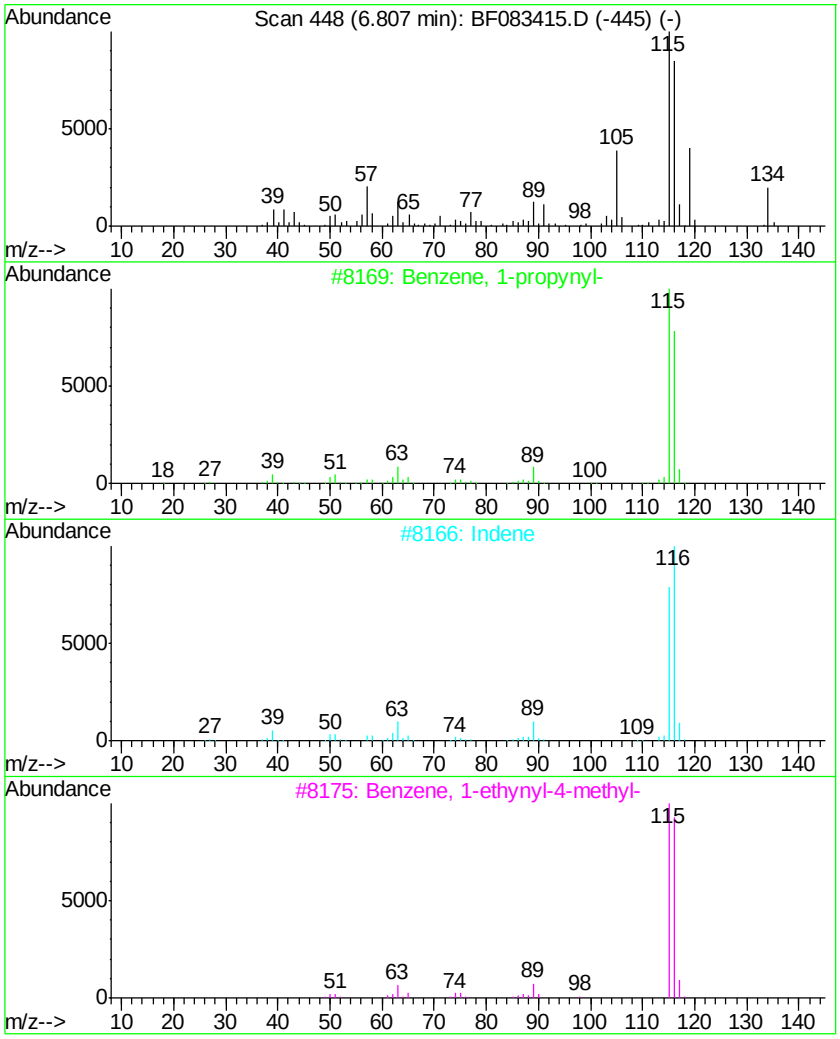
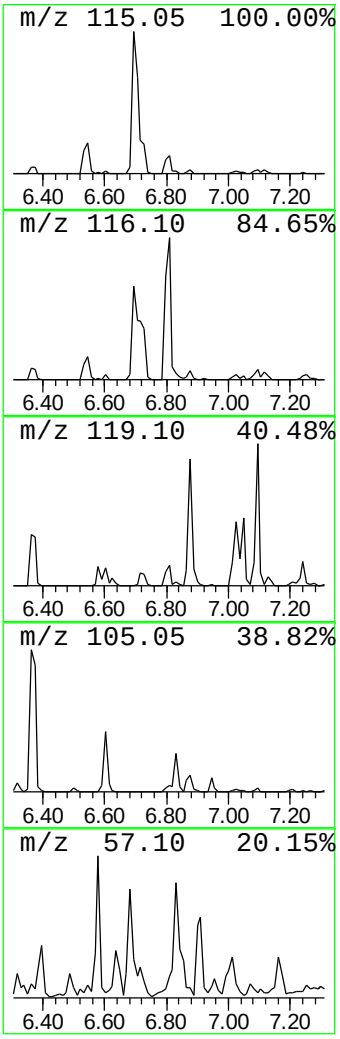
Peak Number 15 Benzene, 1-propynyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.81	7.51 ng	364981	1,4-Dichlorobenzene-d4	6.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-propynyl-	116	C9H8	000673-32-5	93
2	Indene	116	C9H8	000095-13-6	93
3	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	64
4	Benzene,1-ethynyl-2-methyl-	116	C9H8	000766-47-2	62
5	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	53





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Data File : BF083415.D
Acq On : 2 Dec 2015 13:39
Operator : UM/IZ
Sample : G4582-10
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-P3WC-07(8-14)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.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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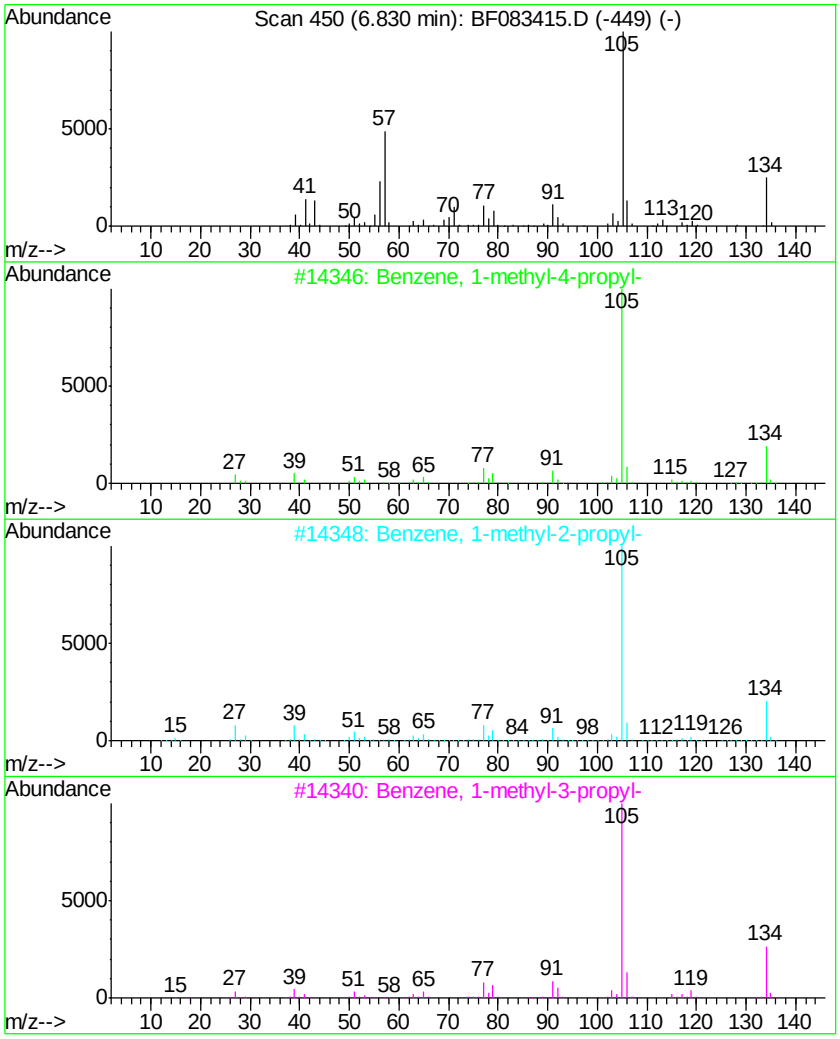
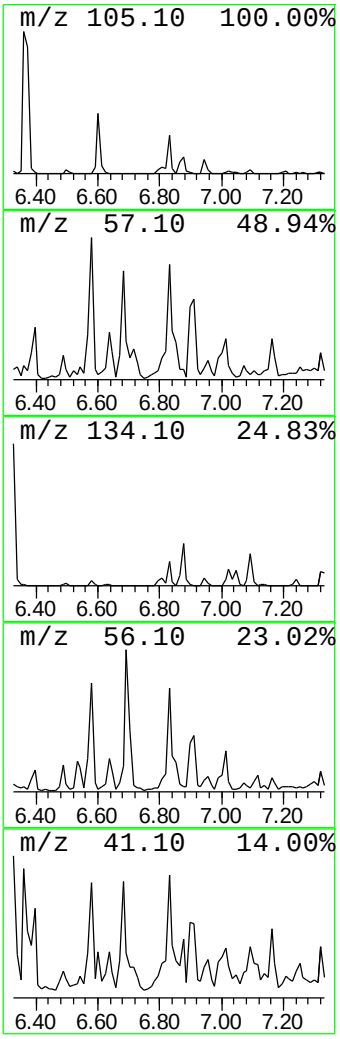
Peak Number 16 Benzene, 1-methyl-4-propyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.83	8.98 ng	436223	1,4-Dichlorobenzene-d4	6.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	64
2	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	64
3	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	64
4	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	60
5	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	55





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Data File : BF083415.D
Acq On : 2 Dec 2015 13:39
Operator : UM/IZ
Sample : G4582-10
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-P3WC-07(8-14)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.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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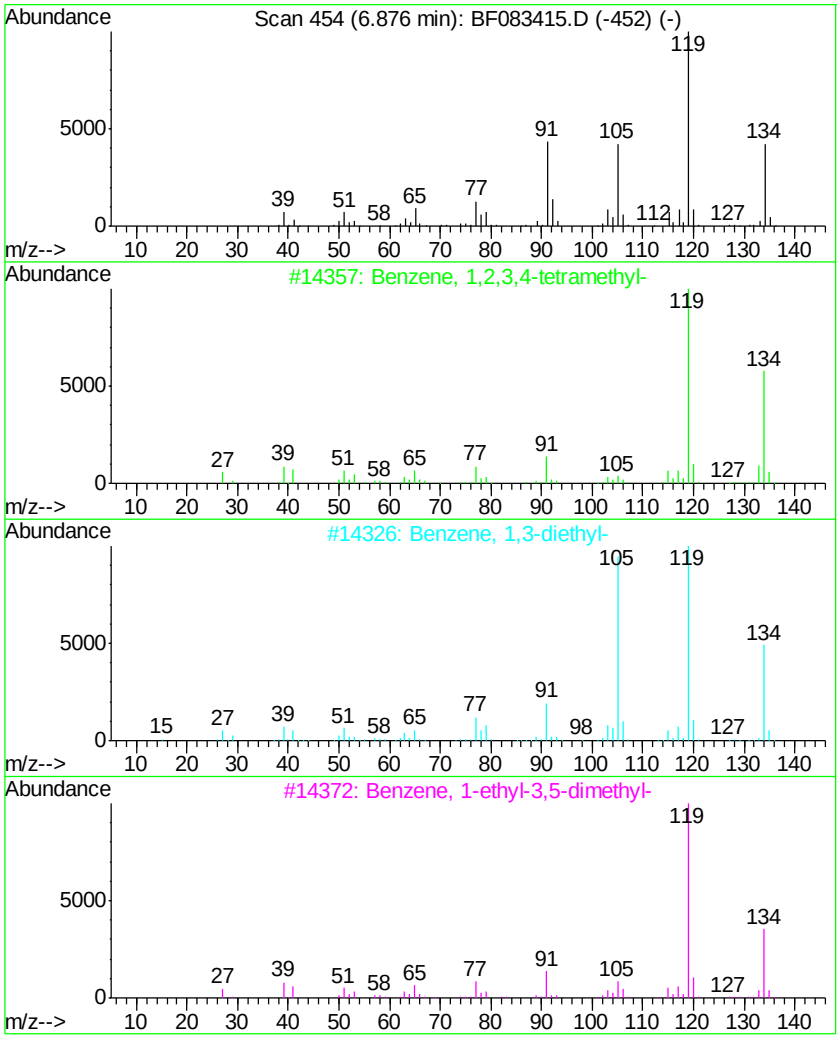
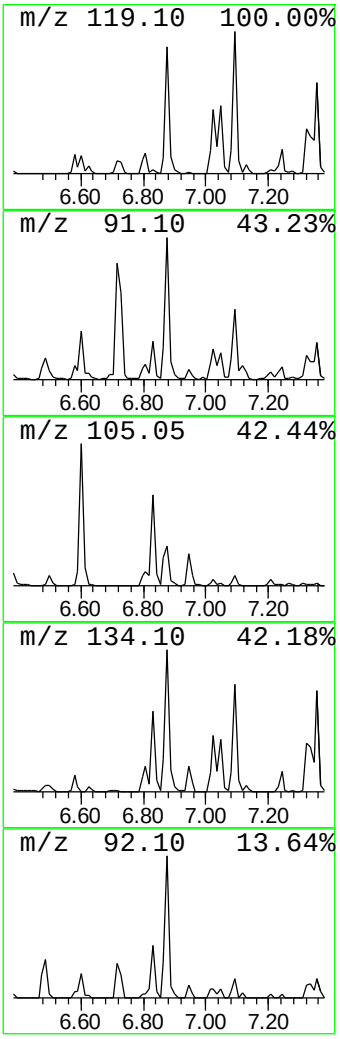
Peak Number 17 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.88	9.60 ng	466531	1,4-Dichlorobenzene-d4	6.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
2	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	91
3	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91





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Data File : BF083415.D
Acq On : 2 Dec 2015 13:39
Operator : UM/IZ
Sample : G4582-10
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-P3WC-07(8-14)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.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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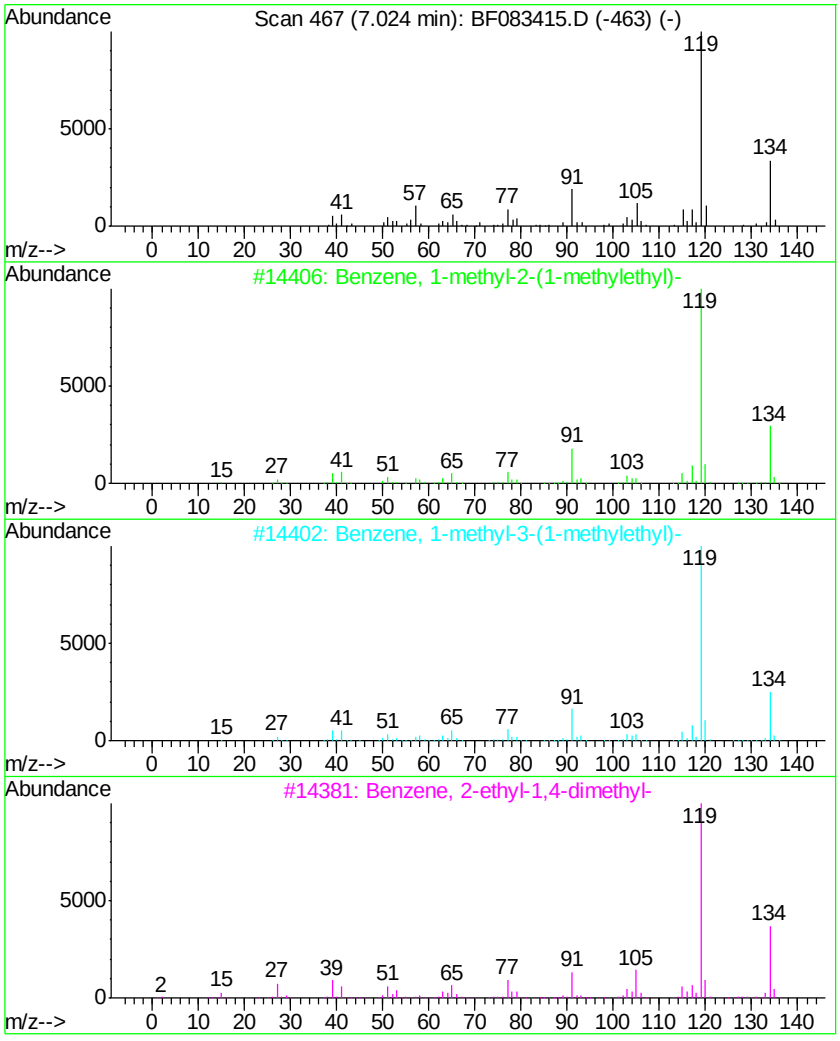
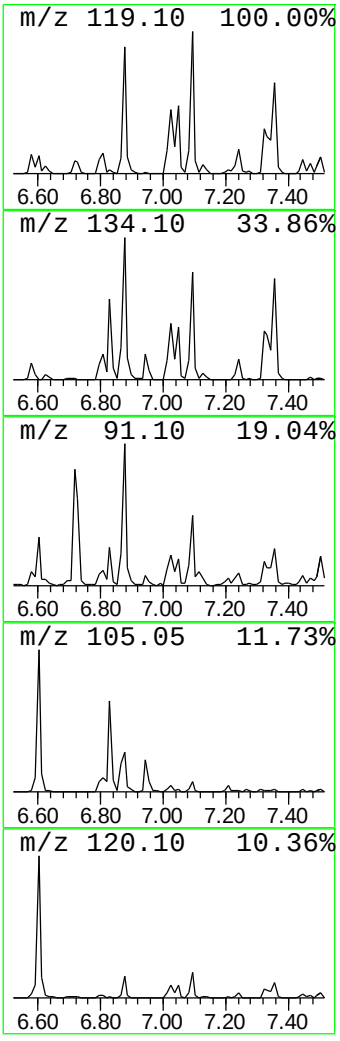
Peak Number 18 Benzene, 1-methyl-2-(1-meth... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.02	9.67 ng	469805	1,4-Dichlorobenzene-d4	6.54

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





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Data File : BF083415.D
Acq On : 2 Dec 2015 13:39
Operator : UM/IZ
Sample : G4582-10
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-P3WC-07(8-14)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.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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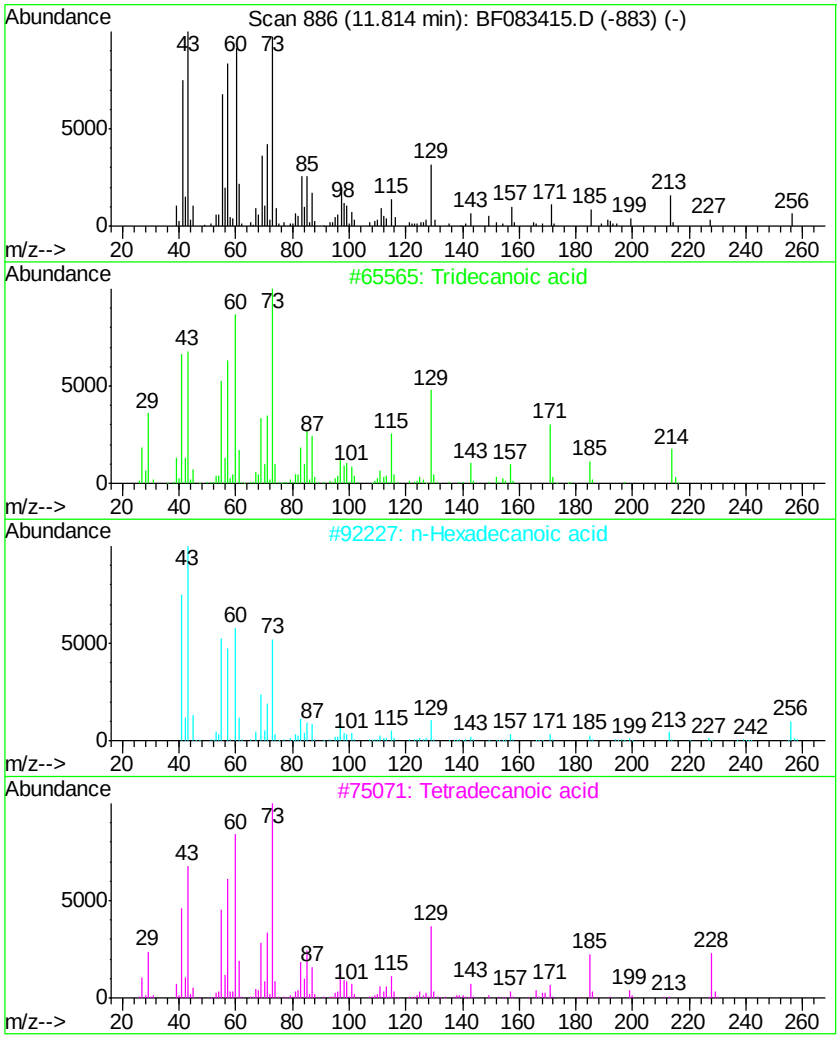
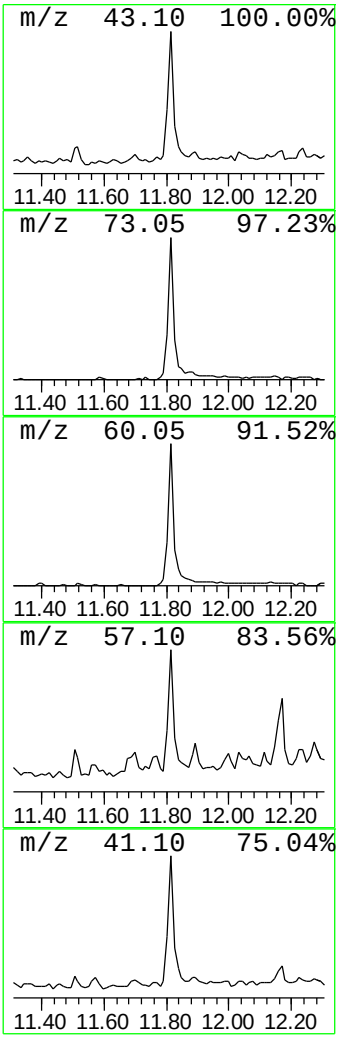
Peak Number 19 Tridecanoic acid Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.81	5.76 ng	433030	Phenanthrene-d10	11.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	94
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
4	Nonanoic acid	158	C9H18O2	000112-05-0	43
5	Hexadecane	226	C16H34	000544-76-3	11





Data Path : Z:\HPCHEM1\BNA F\DATA\BF120215\
Data File : BF083415.D
Acq On : 2 Dec 2015 13:39
Operator : UM/IZ
Sample : G4582-10
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-P3WC-07(8-14)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.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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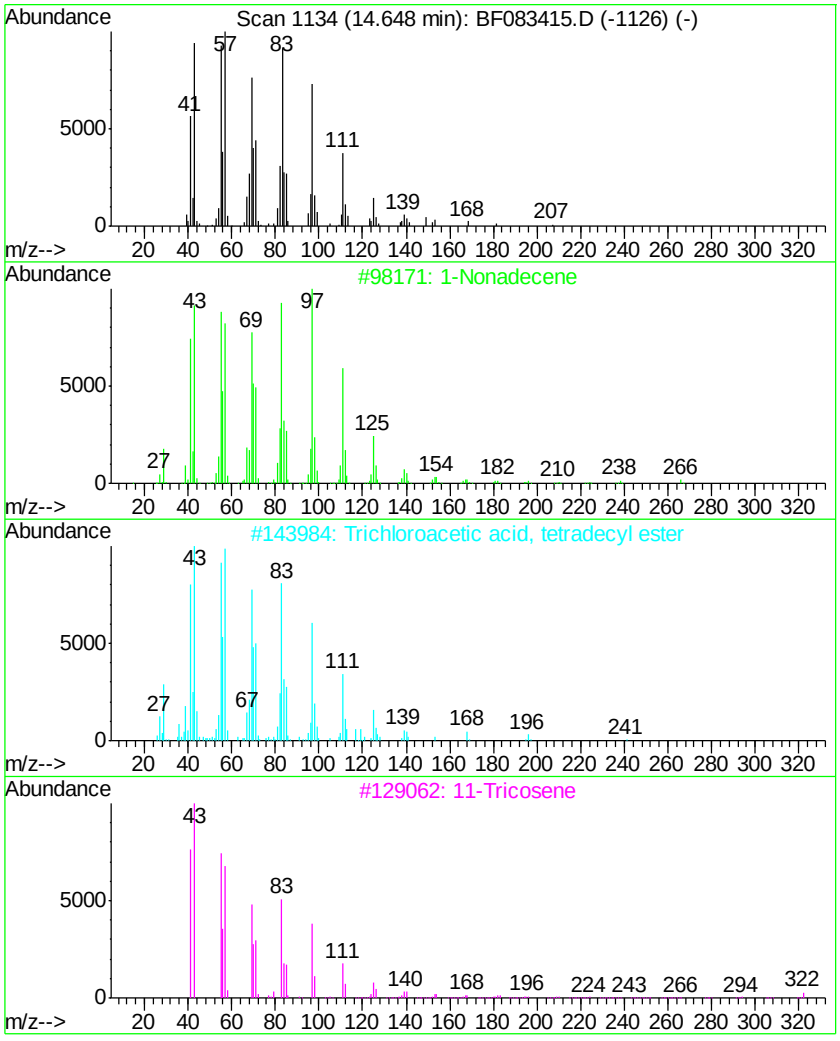
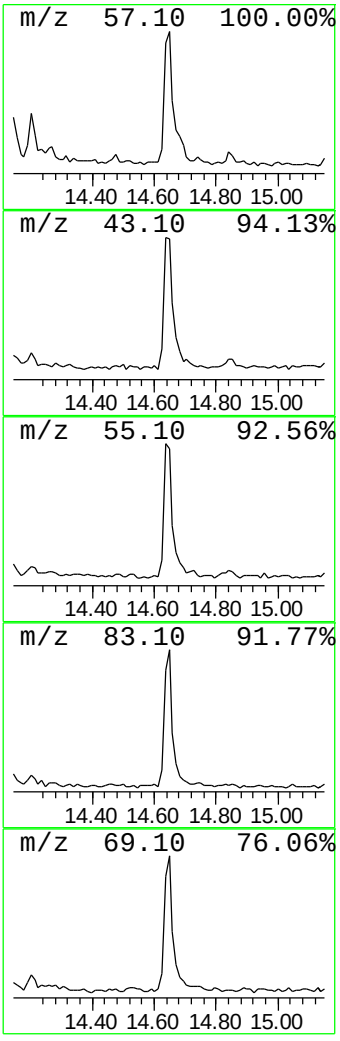
Peak Number 20 1-Nonadecene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.65	6.96 ng	476209	Chrysene-d12	14.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	91
2	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	91
3	11-Tricosene	322	C23H46	052078-56-5	91
4	1-Pentadecanol	228	C15H32O	000629-76-5	90
5	Trifluoroacetic acid, n-heptadec...	324	C17H31F3O2	1000216-79-2	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120215\
Data File : BF083415.D
Acq On : 2 Dec 2015 13:39
Operator : UM/IZ
Sample : G4582-10
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-P3WC-07(8-14)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.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
unknown4.66	4.66	43.5	ng	2115300	1	6.54	971811	20.0
Benzene, 1,3-dime...	5.05	33.5	ng	1627240	1	6.54	971811	20.0
Benzene, propyl-	5.98	6.0	ng	293319	1	6.54	971811	20.0
Octane, 2,5,6-tri...	6.03	6.1	ng	295132	1	6.54	971811	20.0
Benzene, 1-ethyl-...	6.05	15.6	ng	759525	1	6.54	971811	20.0
Benzene, 1,2,3-tr...	6.13	11.9	ng	579968	1	6.54	971811	20.0
unknown6.32	6.32	108.2	ng	5258090	1	6.54	971811	20.0
Benzene, 1-ethyl-...	6.60	8.2	ng	400584	1	6.54	971811	20.0
Benzene, 1-propynyl-	6.81	7.5	ng	364981	1	6.54	971811	20.0
Benzene, 1-methyl...	6.83	9.0	ng	436223	1	6.54	971811	20.0
Benzene, 1,2,3,4-...	6.88	9.6	ng	466531	1	6.54	971811	20.0
Benzene, 1-methyl...	7.02	9.7	ng	469805	1	6.54	971811	20.0
Tridecanoic acid	11.81	5.8	ng	433030	4	11.12	1504880	20.0
1-Nonadecene	14.65	7.0	ng	476209	5	14.73	1367750	20.0