LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011316\
Data File : BF084452.D
Acq On : 13 Jan 2016 20:13
Operator : SJ/UM
Sample : H1115-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WHRB3B

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-BF123115.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	5.024	254	257	270	rVB	2173727	3138982	43.10%	4.431%
2	5.447	291	294	296	rBV	6956136	7283775	100.00%	10.281%
3	5.836	326	328	331	rBV	109593	110824	1.52%	0.156%
4	6.476	381	384	387	rVB	5762389	6647672	91.27%	9.383%
5	6.601	392	395	398	rBV	6593598	6704558	92.05%	9.464%
6	6.830	413	415	417	rBV	1868304	1534143	21.06%	2.165%
7	6.990	426	429	431	rBV	6361473	5790820	79.50%	8.174%
8	7.402	462	465	467	rBV	4672883	5283379	72.54%	7.458%
9	7.504	470	474	480	rBV	166522	300767	4.13%	0.425%
10	7.859	503	505	508	rBV	67033	74184	1.02%	0.105%
11	8.030	516	520	525	rBV	59099	72905	1.00%	0.103%
12	8.122	525	528	530	rBV	1835621	2088832	28.68%	2.948%
13	9.196	619	622	625	rBV	7365719	7220033	99.12%	10.191%
14	9.596	654	657	659	rBV	1912307	1988470	27.30%	2.807%
15	9.813	673	676	678	rBV	104369	143452	1.97%	0.202%
16	9.870	678	681	683	rBV	2713285	2364835	32.47%	3.338%
17	10.305	718	719	721	rVB	265821	218390	3.00%	0.308%
18	10.522	735	738	742	rBV	79684	143811	1.97%	0.203%
19	10.659	747	750	753	rBV	4575077	5001539	68.67%	7.060%
20	10.785	759	761	765	rBV	176145	330666	4.54%	0.467%
21	10.968	775	777	782	rVB3	31911	75941	1.04%	0.107%
22	11.231	797	800	801	rBV	150025	152730	2.10%	0.216%
23	11.356	808	811	813	rBV	2475182	2409283	33.08%	3.401%
24	11.413	813	816	820	rVB	46026	91163	1.25%	0.129%
25	11.585	828	831	835	rBV3	75552	149581	2.05%	0.211%
26	12.945	947	950	952	rBV	7133393	7169486	98.43%	10.120%
27	13.848	1026	1029	1039	rBV	307903	659434	9.05%	0.931%
28	13.985	1039	1041	1044	rVV	2199408	2157368	29.62%	3.045%
29	15.402	1163	1165	1168	rBV	1020041	1538811	21.13%	2.172%

Sum of corrected areas: 70845834

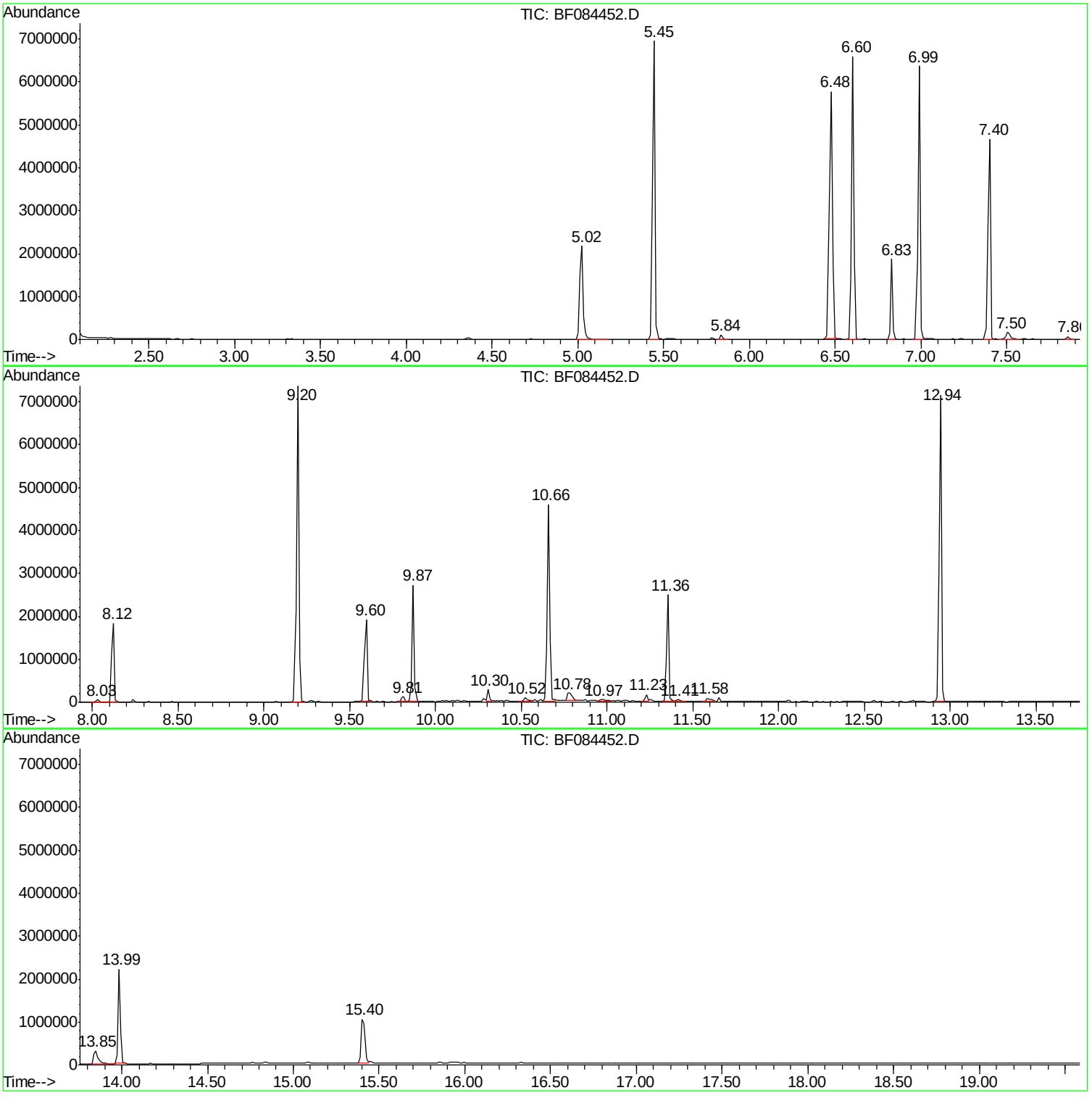
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011316\
Data File : BF084452.D
Acq On : 13 Jan 2016 20:13
Operator : SJ/UM
Sample : H1115-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WHRB3B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011316\
Data File : BF084452.D
Acq On : 13 Jan 2016 20:13
Operator : SJ/UM
Sample : H1115-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WHRB3B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

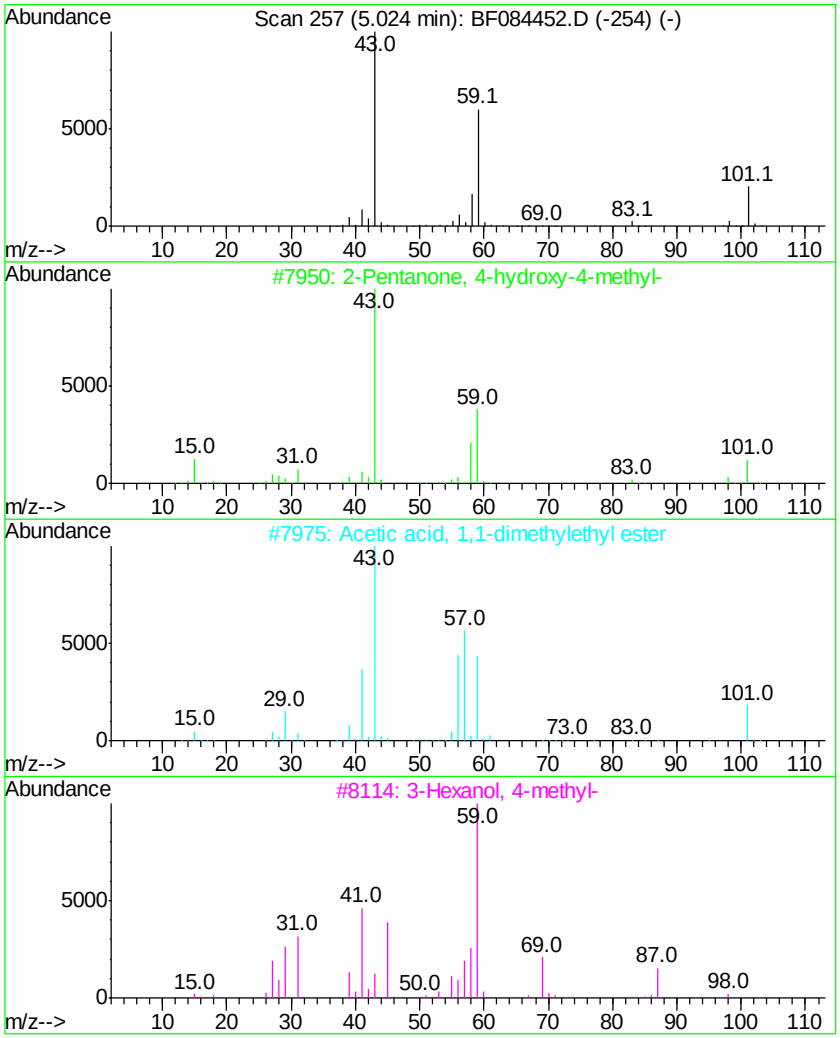
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

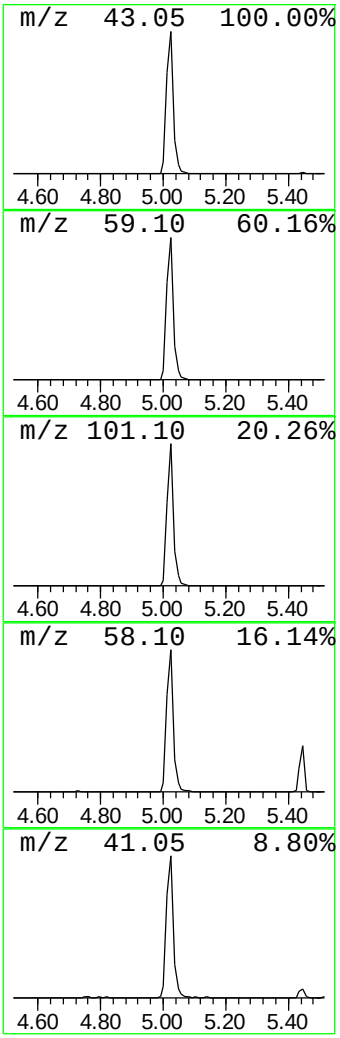
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.02	40.92 ng	3138980	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF011316\
Data File : BF084452.D
Acq On : 13 Jan 2016 20:13
Operator : SJ/UM
Sample : H1115-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WHRB3B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

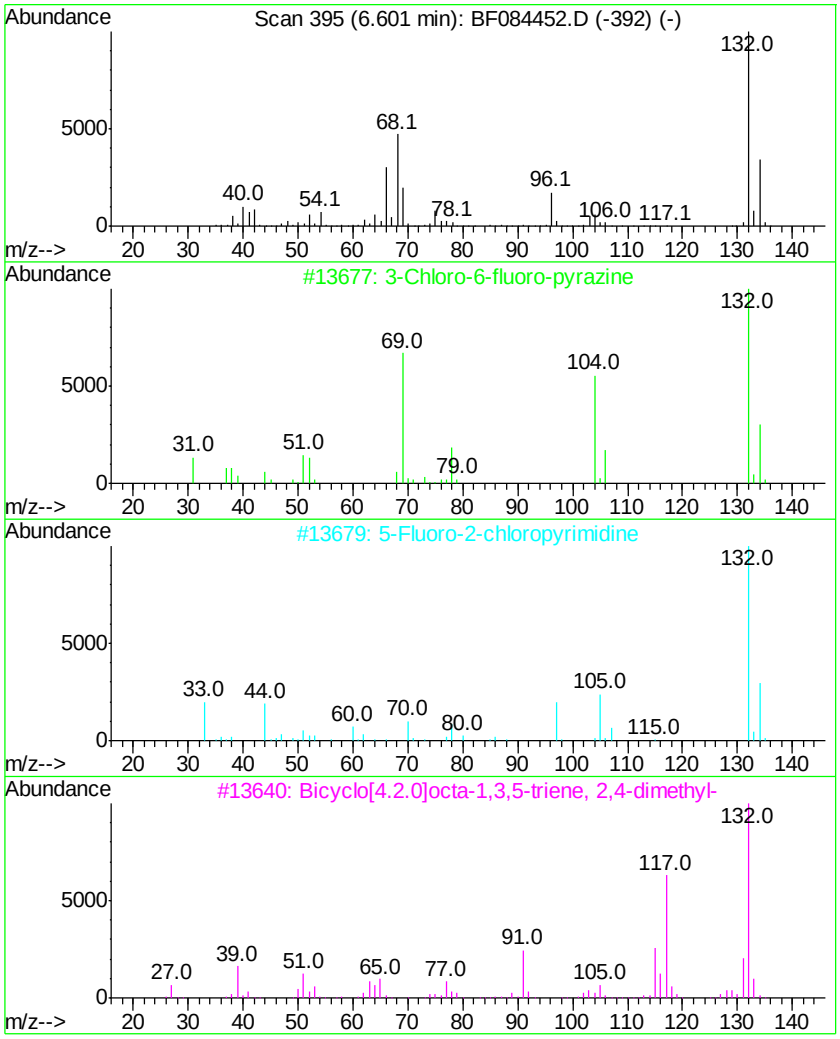
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

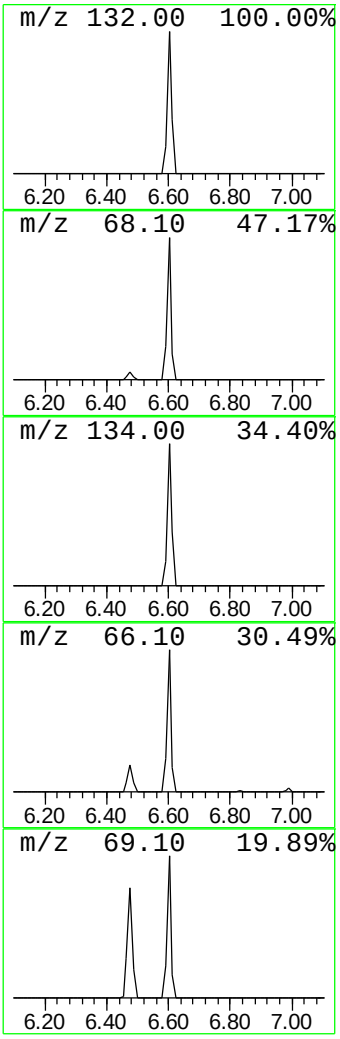
****

Peak Number 2 unknown6.60 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.60	87.40 ng	6704560	1,4-Dichlorobenzene-d4	6.83

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	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	9
5	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF011316\
Data File : BF084452.D
Acq On : 13 Jan 2016 20:13
Operator : SJ/UM
Sample : H1115-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WHRB3B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

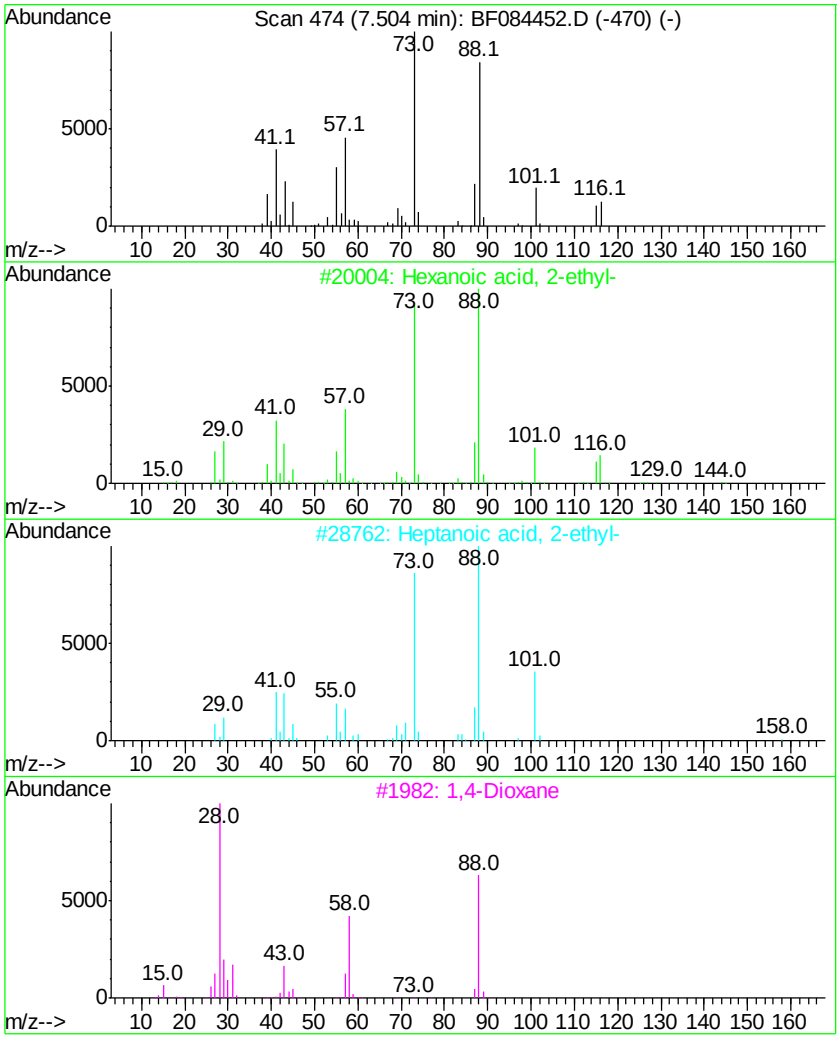
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

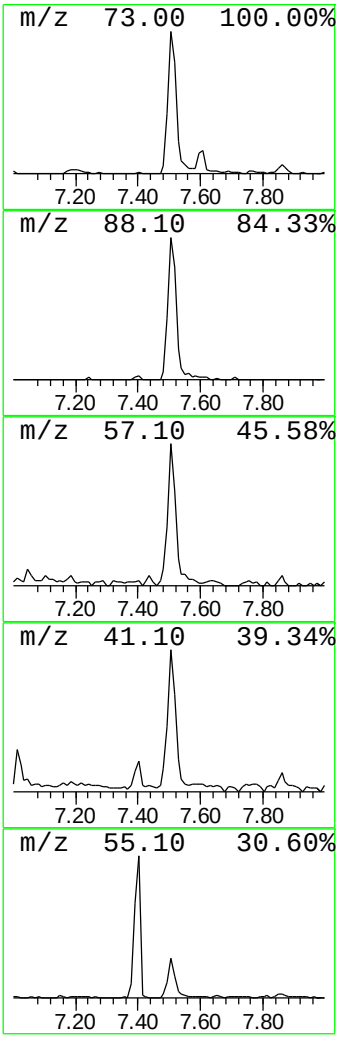
****

Peak Number 4 Hexanoic acid, 2-ethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.50	2.88 ng	300767	Naphthalene-d8	8.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	90
2	Heptanoic acid, 2-ethyl-	158	C9H18O2	003274-29-1	59
3	1,4-Dioxane	88	C4H8O2	000123-91-1	43
4	Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	42
5	Hexanamide, 6-(heptyloxy)-	229	C13H27NO2	055191-08-7	33





Data Path : Z:\HPCHEM1\BNA F\DATA\BF011316\
Data File : BF084452.D
Acq On : 13 Jan 2016 20:13
Operator : SJ/UM
Sample : H1115-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WHRB3B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

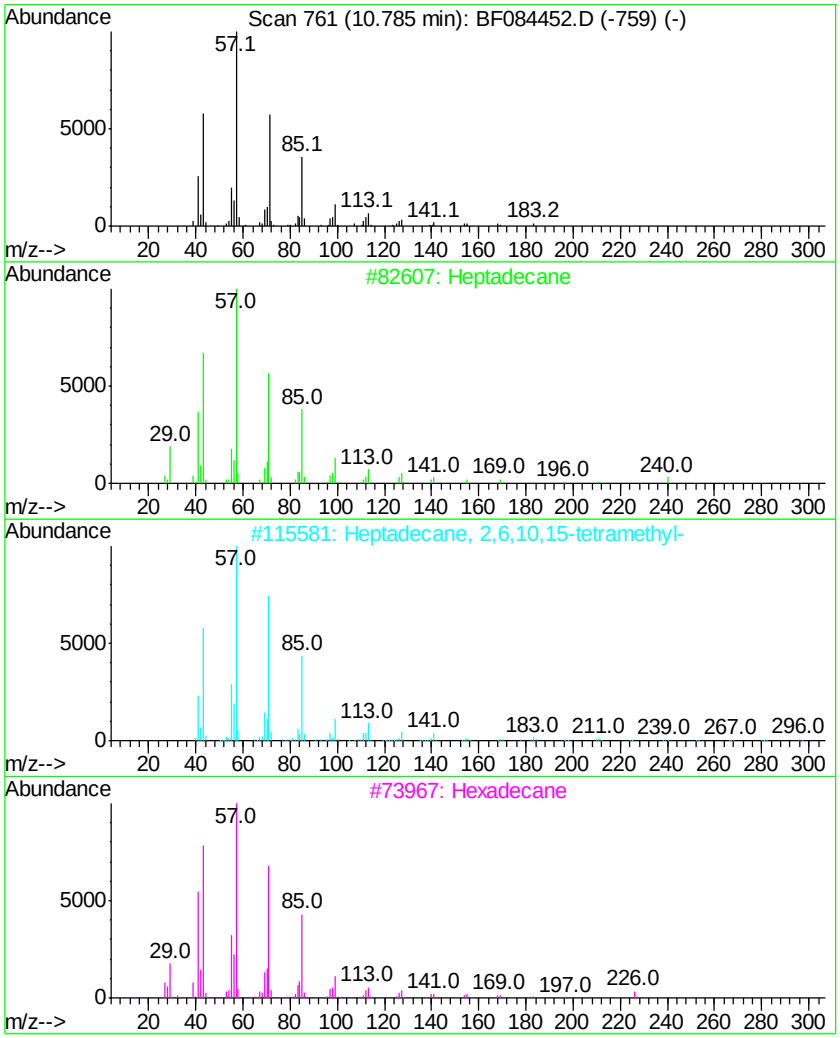
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

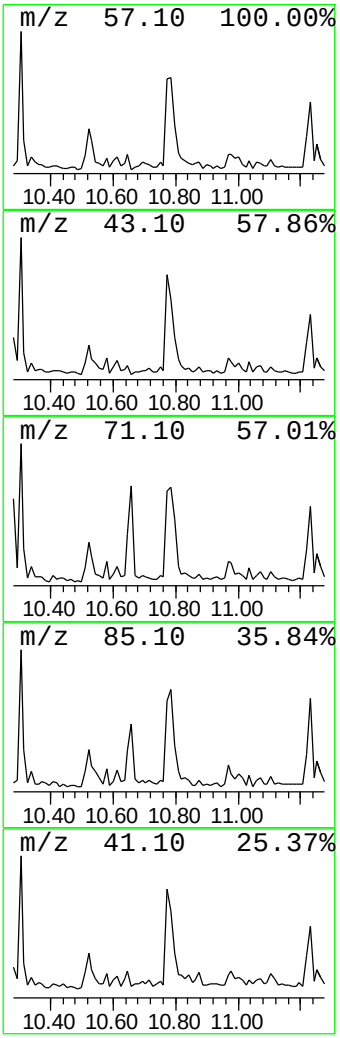
****

Peak Number 5 Heptadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.78	2.74 ng	330666	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	90
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
3	Hexadecane	226	C16H34	000544-76-3	80
4	Eicosane	282	C20H42	000112-95-8	80
5	Heneicosane	296	C21H44	000629-94-7	78





Data Path : Z:\HPCHEM1\BNA F\DATA\BF011316\
Data File : BF084452.D
Acq On : 13 Jan 2016 20:13
Operator : SJ/UM
Sample : H1115-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WHRB3B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

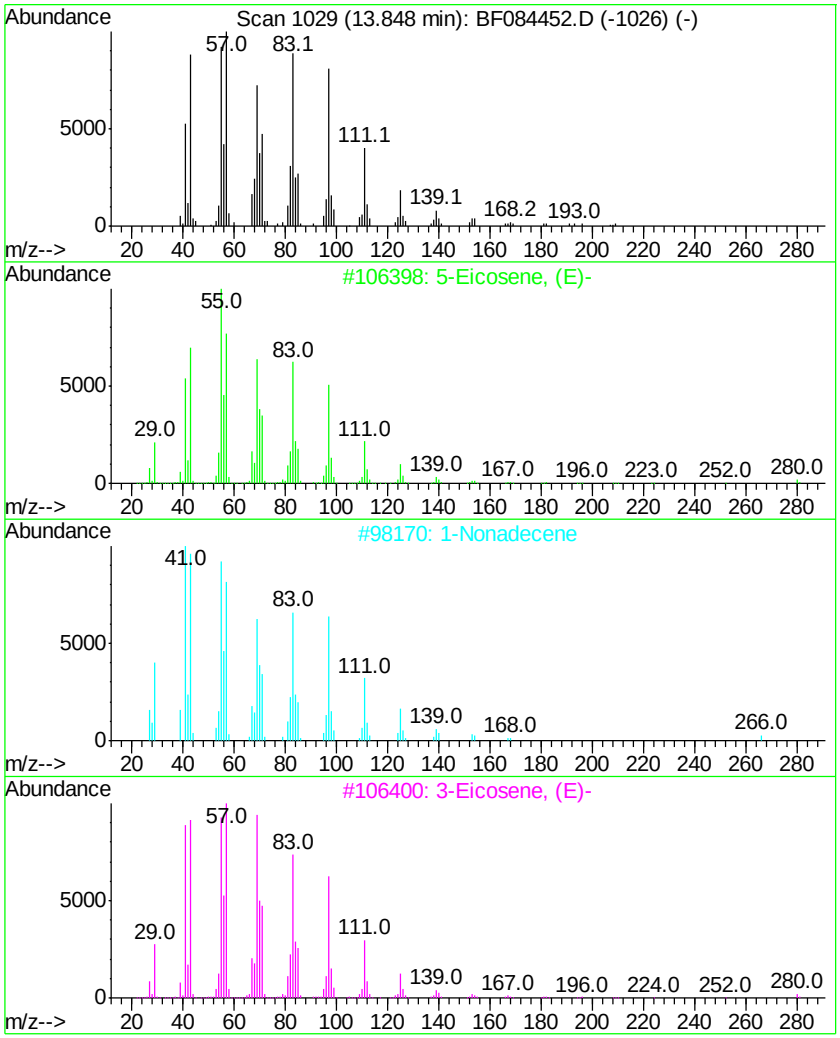
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

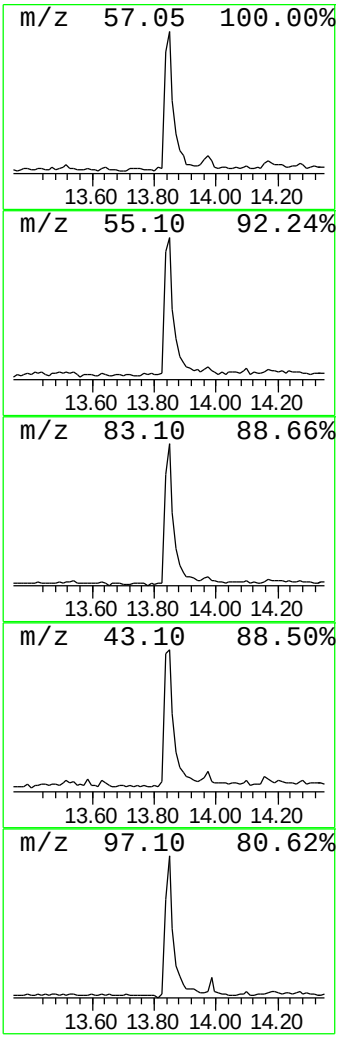
****

Peak Number 6 5-Eicosene, (E)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.85	6.11 ng	659434	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	91
2	1-Nonadecene	266	C19H38	018435-45-5	91
3	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	87
5	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011316\
Data File : BF084452.D
Acq On : 13 Jan 2016 20:13
Operator : SJ/UM
Sample : H1115-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WHRB3B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.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...	5.02	40.9	ng	3138980	1	6.83	1534140	20.0
unknown6.60	6.60	87.4	ng	6704560	1	6.83	1534140	20.0
Hexanoic acid, 2-...	7.50	2.9	ng	300767	2	8.12	2088830	20.0
Heptadecane	10.78	2.7	ng	330666	4	11.36	2409280	20.0
5-Eicosene, (E)-	13.85	6.1	ng	659434	5	13.99	2157370	20.0