LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032216\
Data File : BF085703.D
Acq On : 23 Mar 2016 13:12
Operator : UM/SJ
Sample : H1857-22
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-08(13-15)

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-BF031816.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	5.030	237	240	248	rBV	272573	485160	13.21%	1.601%
2	5.442	273	276	278	rBV	2961416	3301833	89.87%	10.894%
3	5.842	309	311	313	rBV	35389	37804	1.03%	0.125%
4	6.470	363	366	369	rBV	2298000	3673882	100.00%	12.121%
5	6.607	375	378	380	rBV	3254517	3618838	98.50%	11.939%
6	6.836	396	398	400	rBV	789478	752315	20.48%	2.482%
7	6.996	409	412	414	rBV	2153115	2747637	74.79%	9.065%
8	7.407	444	448	450	rBV	1663091	2395688	65.21%	7.904%
9	7.499	453	456	462	rVB	47685	65993	1.80%	0.218%
10	8.116	508	510	513	rBV	1107234	955831	26.02%	3.154%
11	9.202	602	605	607	rBV	2381602	3356844	91.37%	11.075%
12	9.591	637	639	641	rBV	722886	626092	17.04%	2.066%
13	9.808	655	658	660	rBV	91844	82465	2.24%	0.272%
14	9.876	661	664	666	rVB	728736	902457	24.56%	2.977%
15	10.036	674	678	682	rBV2	18556	45530	1.24%	0.150%
16	10.299	698	701	703	rBV2	122127	185257	5.04%	0.611%
17	10.516	717	720	724	rBV	43033	85279	2.32%	0.281%
18	10.665	730	733	735	rBV	1601709	1927212	52.46%	6.358%
19	10.779	741	743	750	rVB	121503	193355	5.26%	0.638%
20	10.962	757	759	764	rVB2	18428	48021	1.31%	0.158%
21	11.225	779	782	783	rBV	81549	78592	2.14%	0.259%
22	11.351	791	793	796	rBV	845767	756898	20.60%	2.497%
23	12.757	914	916	918	rBV	141101	125547	3.42%	0.414%
24	12.939	929	932	934	rBV	2498093	2396799	65.24%	7.908%
25	13.465	975	978	980	rBV	88031	87946	2.39%	0.290%
26	13.831	1008	1010	1016	rBV	80743	131915	3.59%	0.435%
27	13.991	1021	1024	1026	rBV	451575	653100	17.78%	2.155%
28	14.082	1030	1032	1035	rBV4	21589	52416	1.43%	0.173%
29	15.408	1145	1148	1152	rBV	377138	539261	14.68%	1.779%

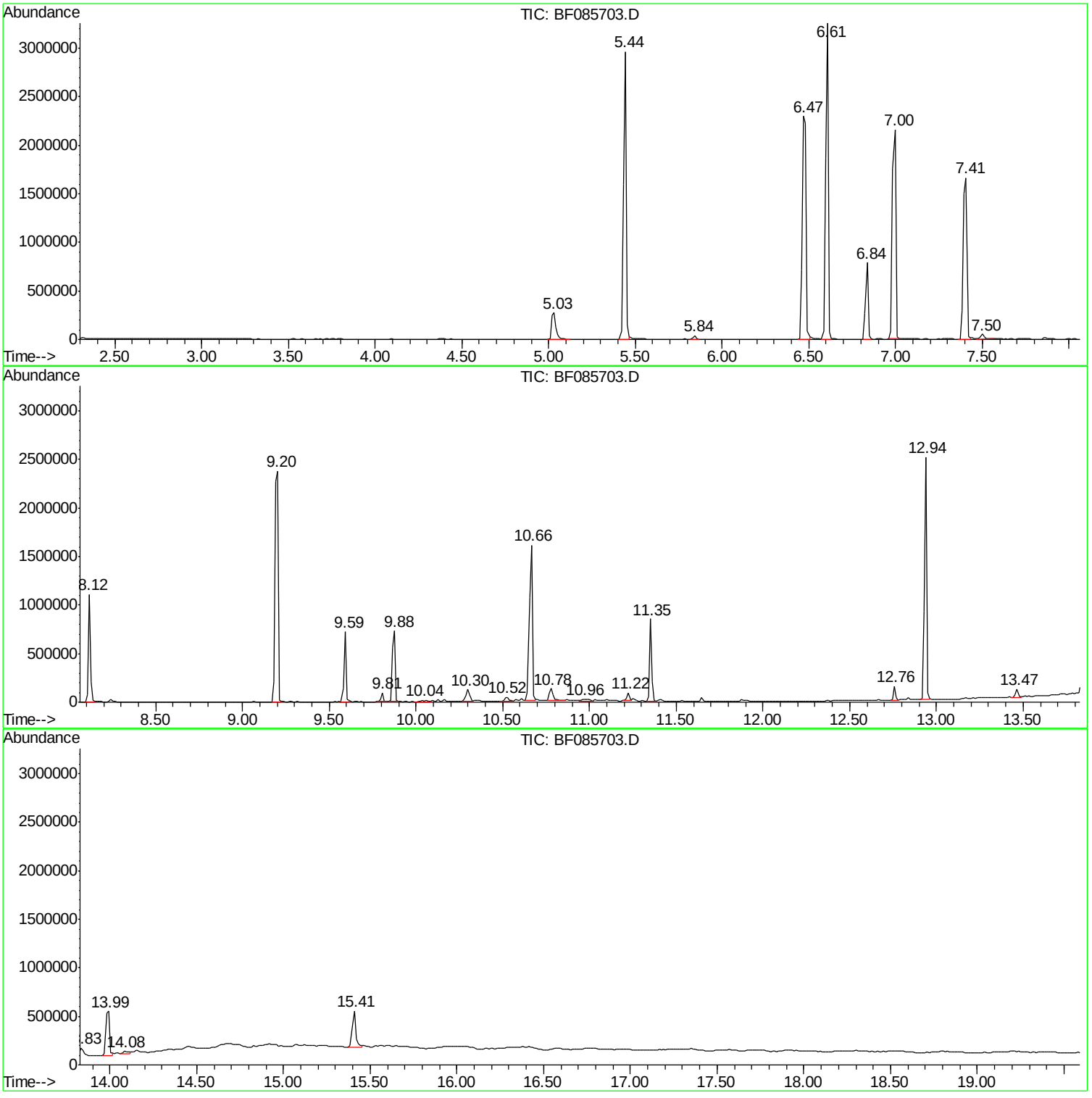
Sum of corrected areas: 30309967

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032216\
Data File : BF085703.D
Acq On : 23 Mar 2016 13:12
Operator : UM/SJ
Sample : H1857-22
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-08(13-15)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.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\BF032216\
Data File : BF085703.D
Acq On : 23 Mar 2016 13:12
Operator : UM/SJ
Sample : H1857-22
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-08(13-15)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

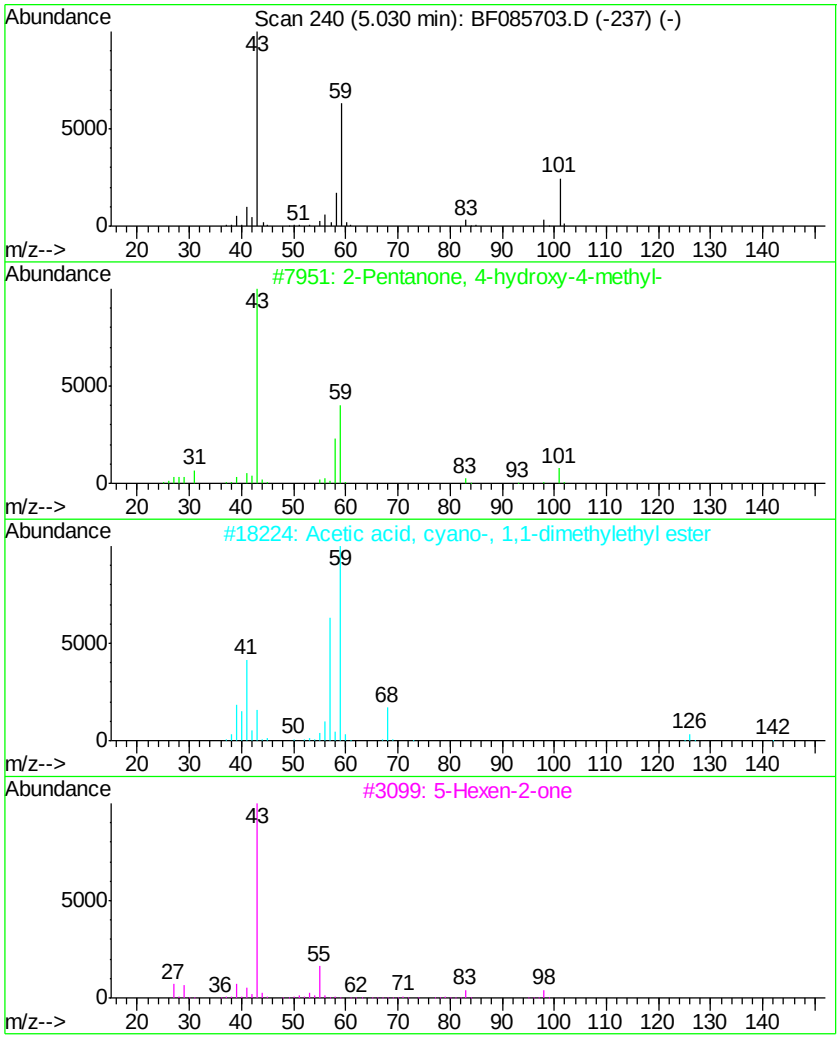
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

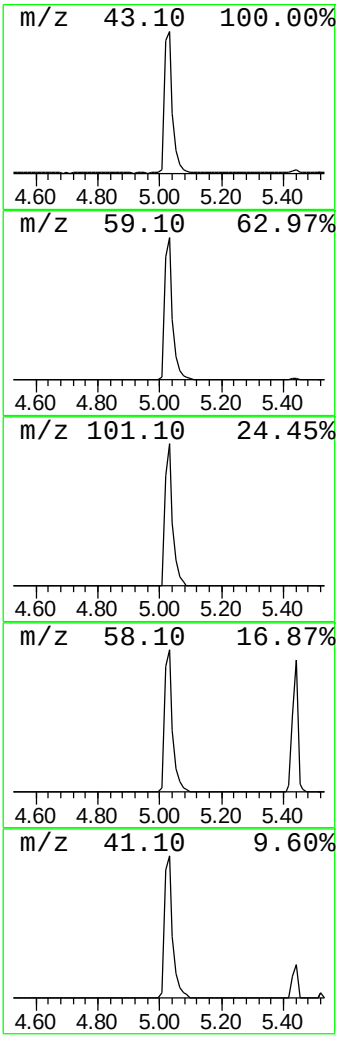
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.03	12.90 ng	485160	1,4-Dichlorobenzene-d4	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	5-Hexen-2-one	98	C6H10O	000109-49-9	9
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032216\
Data File : BF085703.D
Acq On : 23 Mar 2016 13:12
Operator : UM/SJ
Sample : H1857-22
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-08(13-15)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

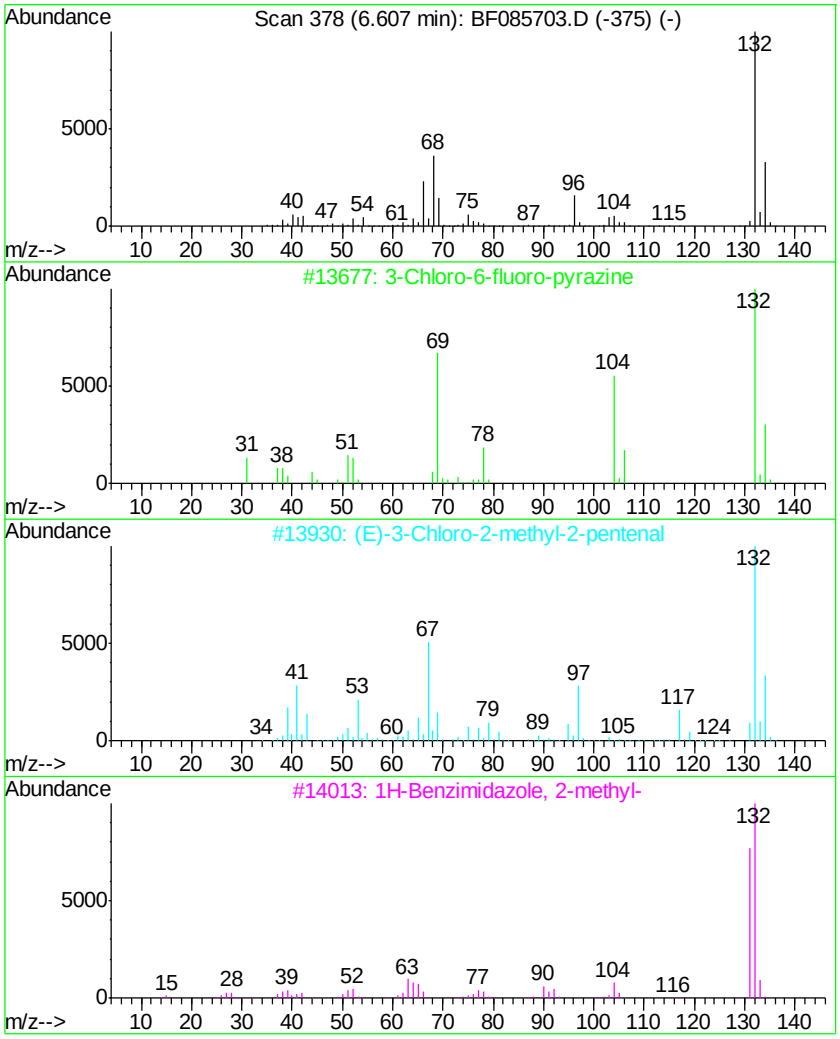
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

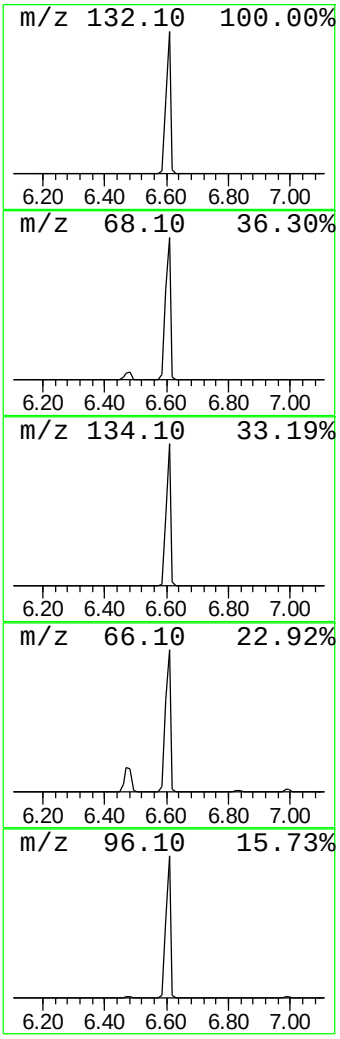
****

Peak Number 2 unknown6.61 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.61	96.21 ng	3618840	1,4-Dichlorobenzene-d4	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
4	Xenon	132	Xe	007440-63-3	9
5	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032216\
Data File : BF085703.D
Acq On : 23 Mar 2016 13:12
Operator : UM/SJ
Sample : H1857-22
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-08(13-15)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

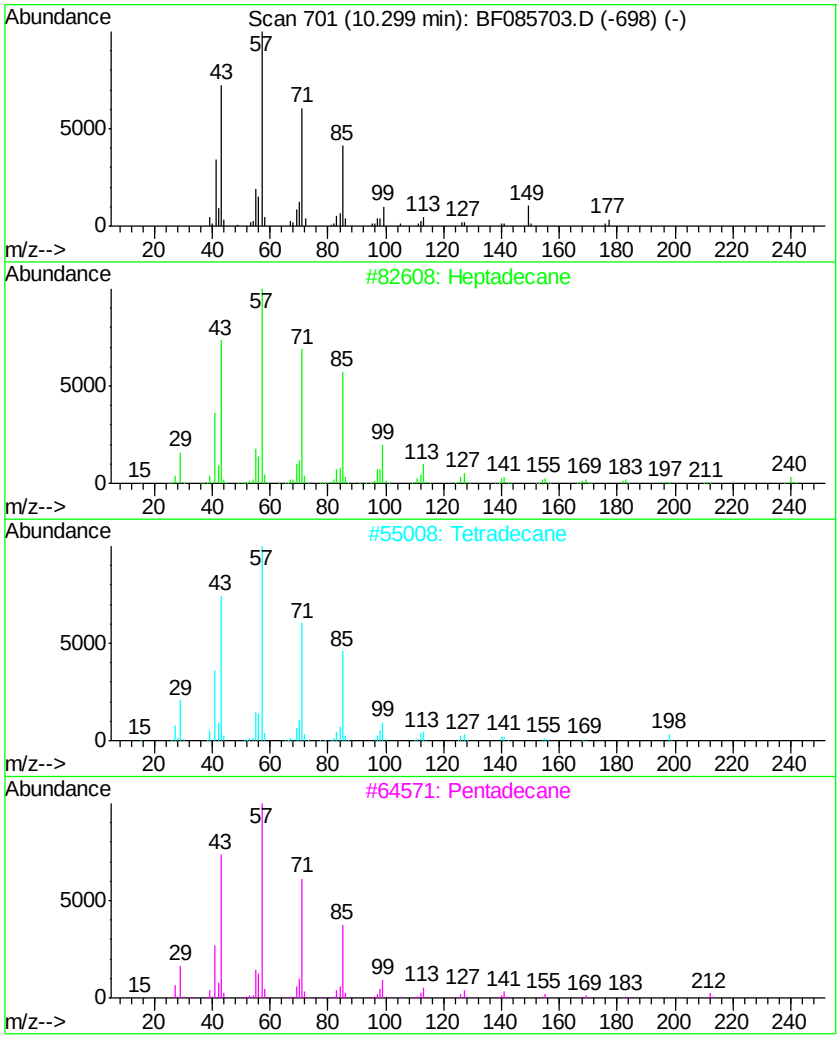
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

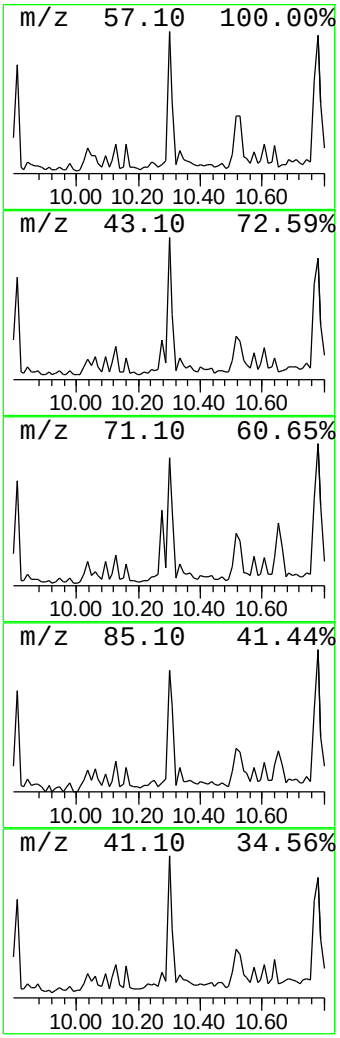
****

Peak Number 4 Heptadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.30	4.11 ng	185257	Acenaphthene-d10	9.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	86
2	Tetradecane	198	C14H30	000629-59-4	80
3	Pentadecane	212	C15H32	000629-62-9	80
4	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78
5	Eicosane	282	C20H42	000112-95-8	72





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032216\
Data File : BF085703.D
Acq On : 23 Mar 2016 13:12
Operator : UM/SJ
Sample : H1857-22
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-08(13-15)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

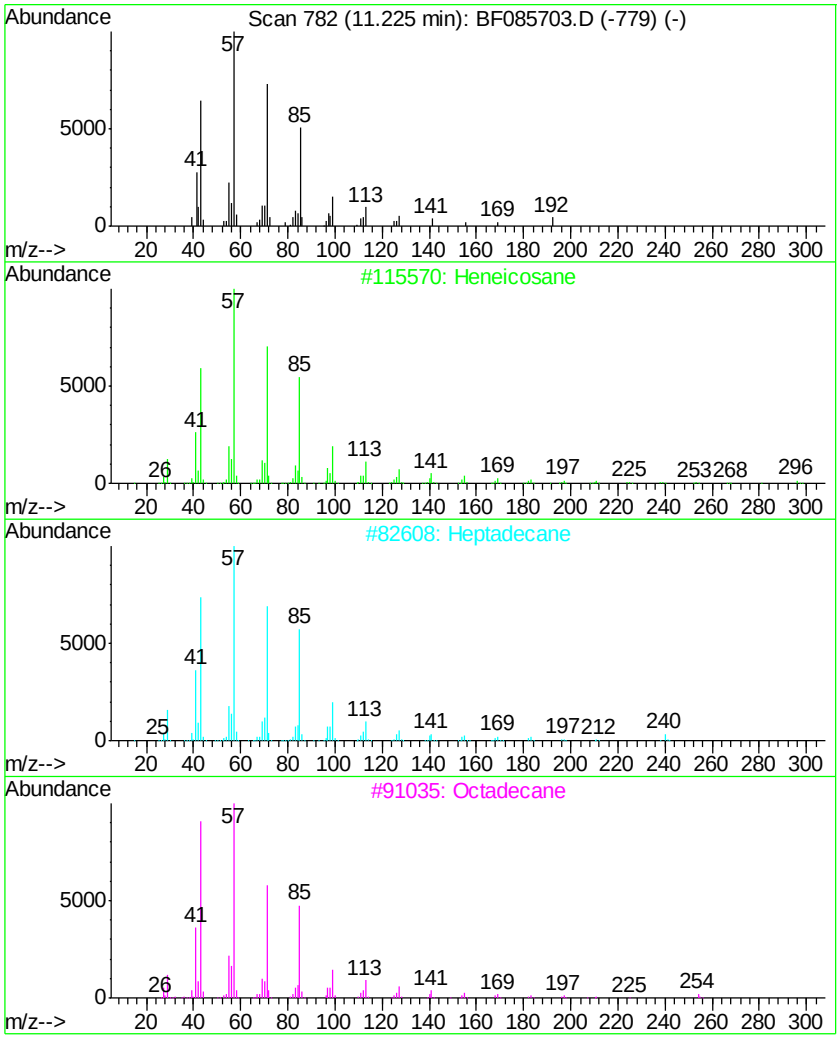
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

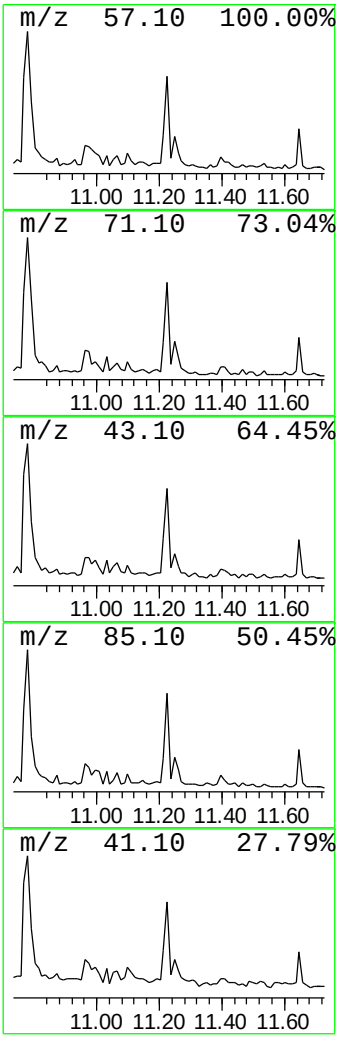
****

Peak Number 6 Heneicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.23	2.08 ng	78592	Phenanthrene-d10	11.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Heptadecane	240	C17H36	000629-78-7	90
3	Octadecane	254	C18H38	000593-45-3	87
4	Eicosane	282	C20H42	000112-95-8	87
5	Tetracosane	338	C24H50	000646-31-1	87





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032216\
Data File : BF085703.D
Acq On : 23 Mar 2016 13:12
Operator : UM/SJ
Sample : H1857-22
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-08(13-15)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

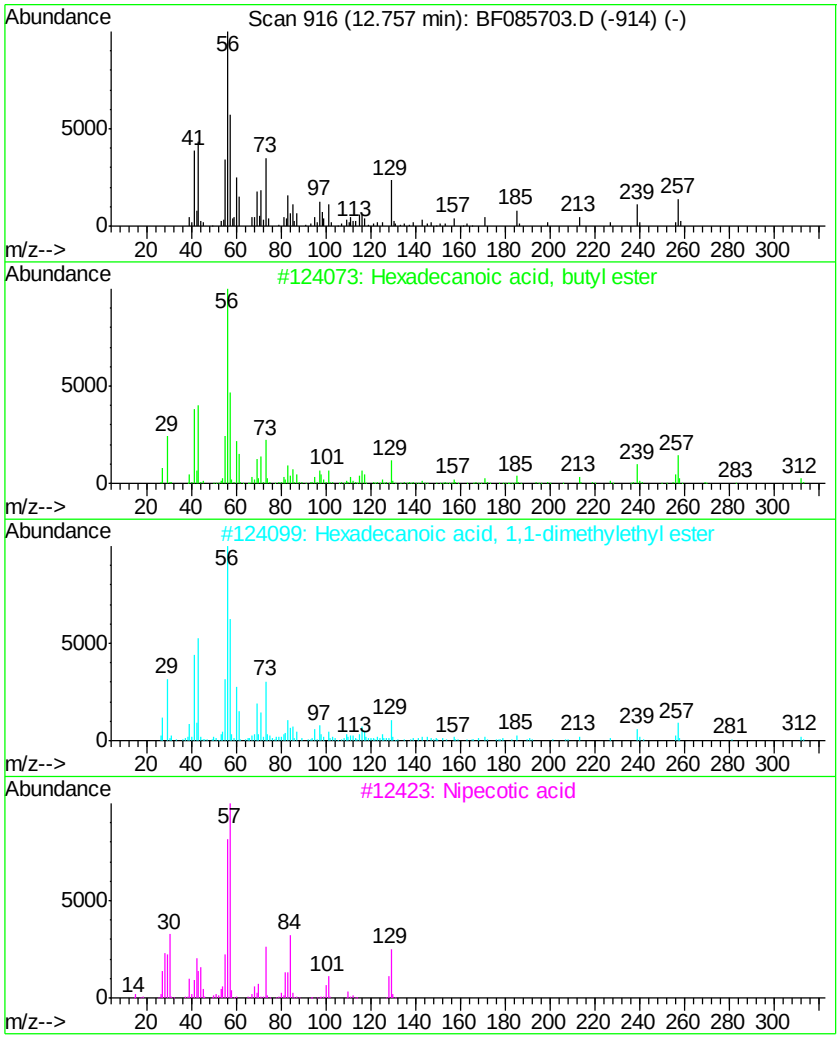
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

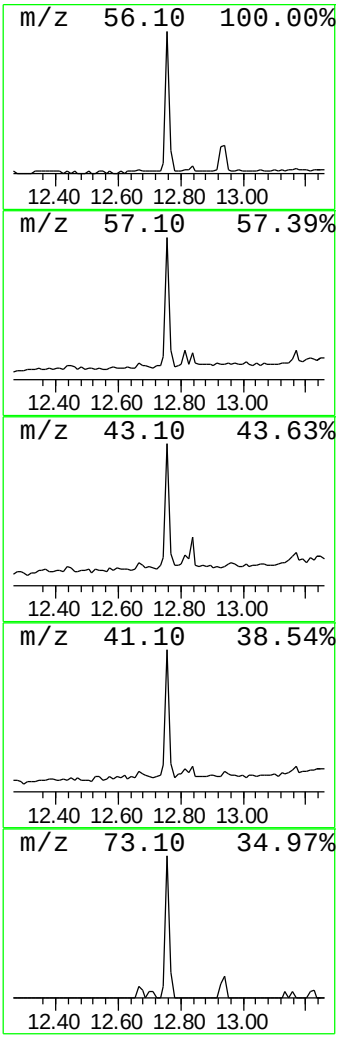
****

Peak Number 7 Hexadecanoic acid, butyl ester Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.76	3.84 ng	125547	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	87
2	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	83
3	Nipecotic acid	129	C6H11NO2	000498-95-3	50
4	2-Methyl-n-1-tridecene	196	C14H28	018094-01-4	35
5	Urea, N,N'-di-2-propenyl-	140	C7H12N2O	001801-72-5	35





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032216\
Data File : BF085703.D
Acq On : 23 Mar 2016 13:12
Operator : UM/SJ
Sample : H1857-22
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-08(13-15)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

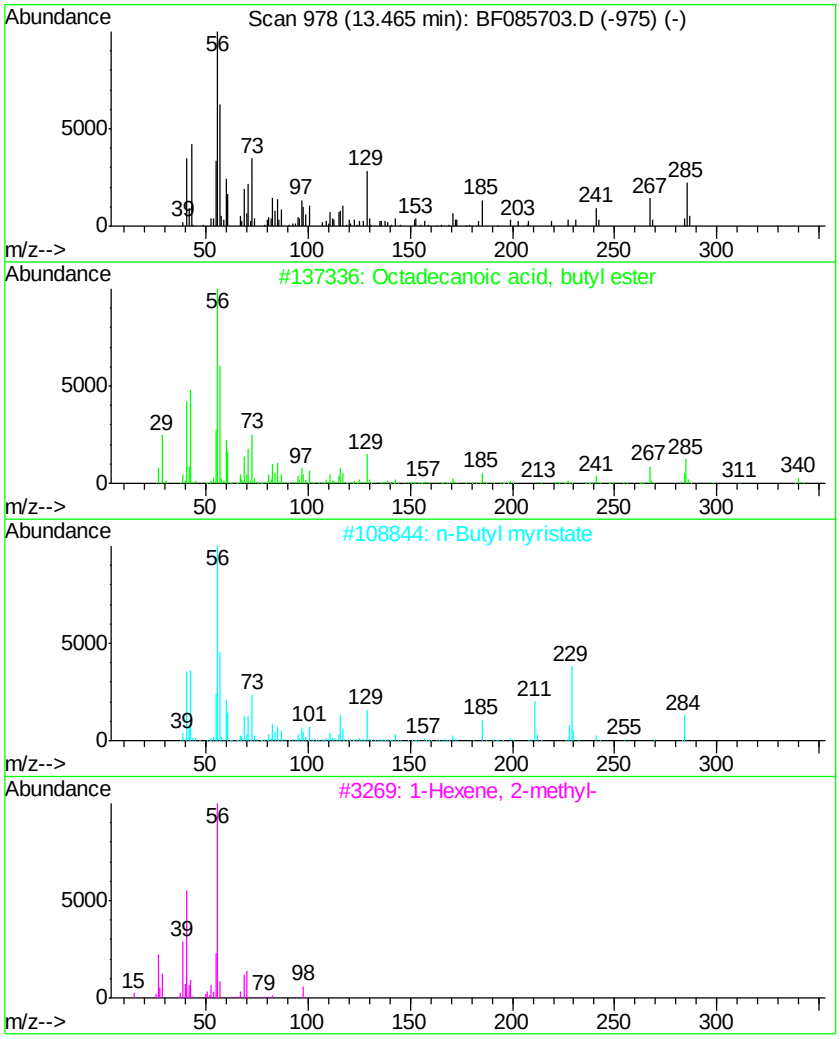
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

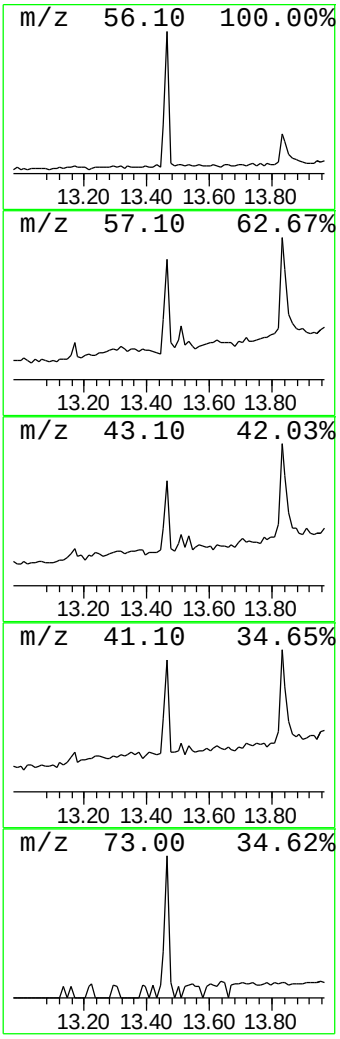
****

Peak Number 8 Octadecanoic acid, butyl ester Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.47	2.69 ng	87946	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	91
2	n-Butyl myristate	284	C18H36O2	000110-36-1	58
3	1-Hexene, 2-methyl-	98	C7H14	006094-02-6	27
4	1-Hexene, 4-methyl-	98	C7H14	003769-23-1	27
5	1-Pentene, 2,4-dimethyl-	98	C7H14	002213-32-3	27





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032216\
Data File : BF085703.D
Acq On : 23 Mar 2016 13:12
Operator : UM/SJ
Sample : H1857-22
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-08(13-15)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

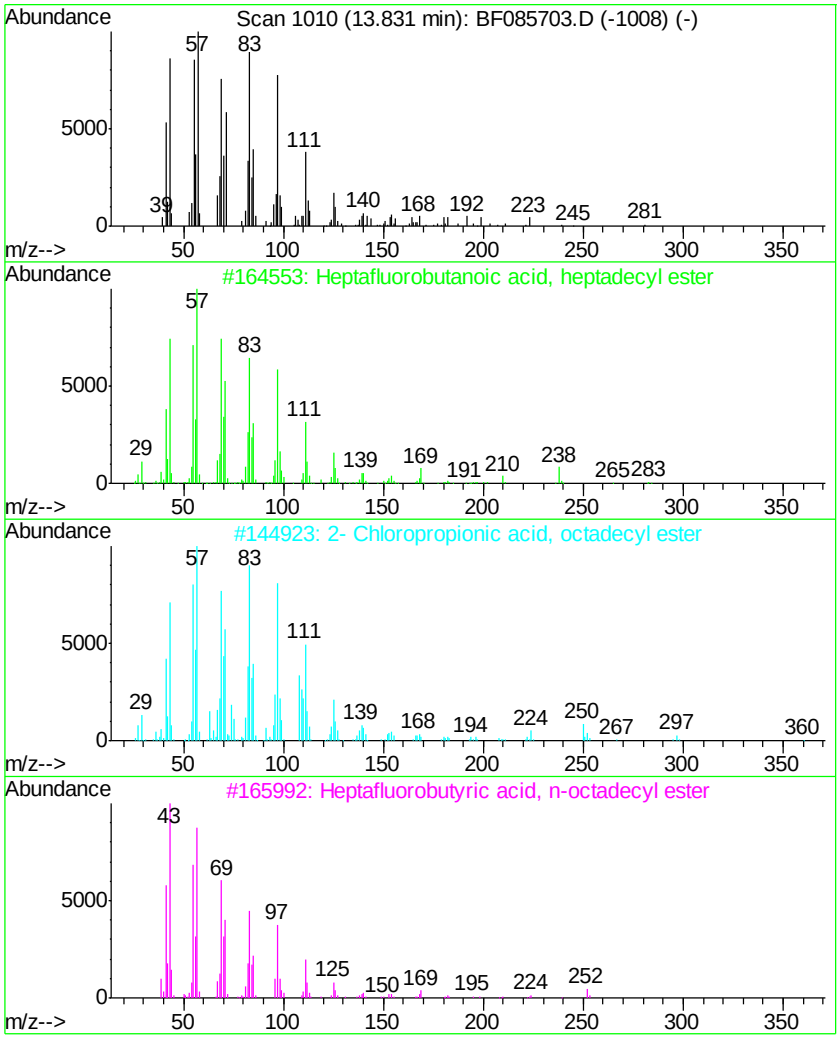
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

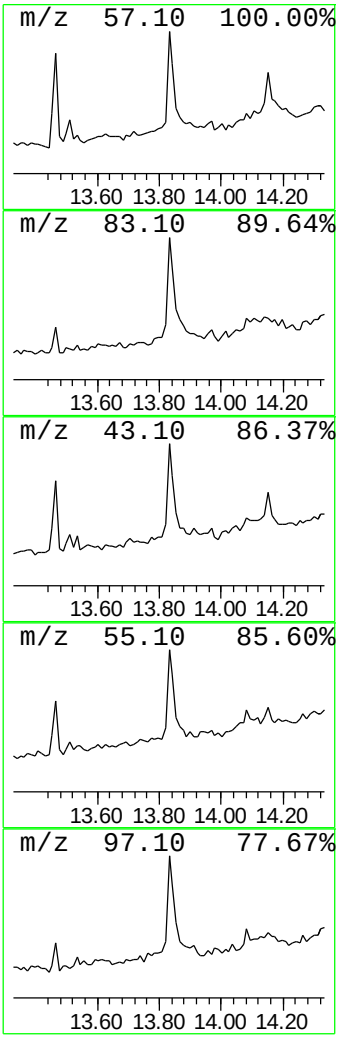
****

Peak Number 9 Heptafluorobutanoic acid, h... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.83	4.04 ng	131915	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	95
2	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	94
3	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	91
4	17-Pentatriacontene	491	C35H70	006971-40-0	91
5	11-Tricosene	322	C23H46	052078-56-5	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032216\
Data File : BF085703.D
Acq On : 23 Mar 2016 13:12
Operator : UM/SJ
Sample : H1857-22
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-08(13-15)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.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...	5.03	12.9	ng	485160	1	6.84	752315	20.0
unknown6.61	6.61	96.2	ng	3618840	1	6.84	752315	20.0
Heptadecane	10.30	4.1	ng	185257	3	9.88	902457	20.0
Heneicosane	11.23	2.1	ng	78592	4	11.35	756898	20.0
Hexadecanoic acid...	12.76	3.8	ng	125547	5	13.99	653100	20.0
Octadecanoic acid...	13.47	2.7	ng	87946	5	13.99	653100	20.0
Heptafluorobutano...	13.83	4.0	ng	131915	5	13.99	653100	20.0