LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100215\
Data File : BF082026.D
Acq On : 3 Oct 2015 17:27
Operator : UM/IZ
Sample : G3888-01
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC093015

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-BF092815.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	5.063	253	256	267	rVB	756019	1011603	39.53%	4.929%
2	5.474	289	292	295	rBV	1555076	1720957	67.25%	8.385%
3	6.514	380	383	385	rBV	1891093	2036781	79.59%	9.923%
4	6.651	392	395	397	rBV	2140543	2048616	80.05%	9.981%
5	6.880	413	415	418	rBV	268095	378055	14.77%	1.842%
6	7.040	427	429	431	rBV	1788298	1541489	60.24%	7.510%
7	7.452	462	465	479	rBV	1184488	1254940	49.04%	6.114%
8	8.172	526	528	530	rBV	596504	551970	21.57%	2.689%
9	9.246	620	622	625	rBV	1544441	2208188	86.29%	10.758%
10	9.646	655	657	660	rBV	467026	415310	16.23%	2.023%
11	9.932	679	682	684	rBV	731812	664347	25.96%	3.237%
12	10.720	749	751	754	rBV	1314453	1485122	58.03%	7.236%
13	10.835	759	761	766	rVB	24752	33841	1.32%	0.165%
14	11.418	810	812	823	rBV	550139	729653	28.51%	3.555%
15	11.955	857	859	865	rBV	68334	80486	3.15%	0.392%
16	12.549	909	911	916	rVB	31702	38125	1.49%	0.186%
17	12.835	934	936	938	rBV	97067	85739	3.35%	0.418%
18	13.018	949	952	954	rBV	2578312	2559018	100.00%	12.468%
19	13.498	992	994	996	rBV	21877	36387	1.42%	0.177%
20	13.544	996	998	1000	rVB	86073	81617	3.19%	0.398%
21	13.921	1029	1031	1039	rBV	54361	96293	3.76%	0.469%
22	14.069	1042	1044	1055	rVV	669247	750259	29.32%	3.655%
23	14.241	1057	1059	1061	rVB	22637	28895	1.13%	0.141%
24	14.538	1081	1085	1088	rBV	29996	64081	2.50%	0.312%
25	14.847	1108	1112	1116	rBV2	34625	74547	2.91%	0.363%
26	15.532	1169	1172	1182	rBV	340069	548888	21.45%	2.674%

Sum of corrected areas: 20525207

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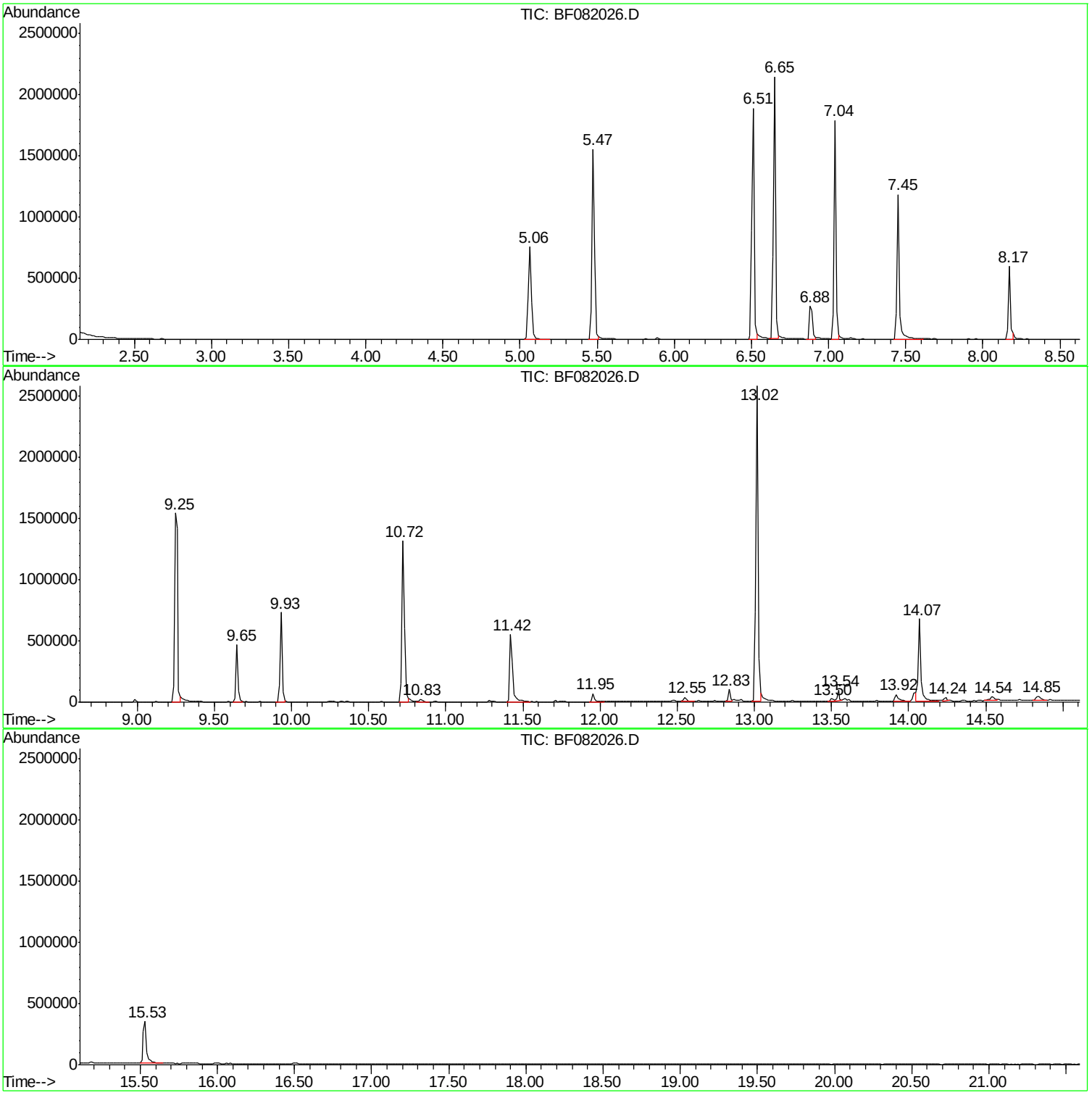
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC093015

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.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\BF100215\
Data File : BF082026.D
Acq On : 3 Oct 2015 17:27
Operator : UM/IZ
Sample : G3888-01
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC093015

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

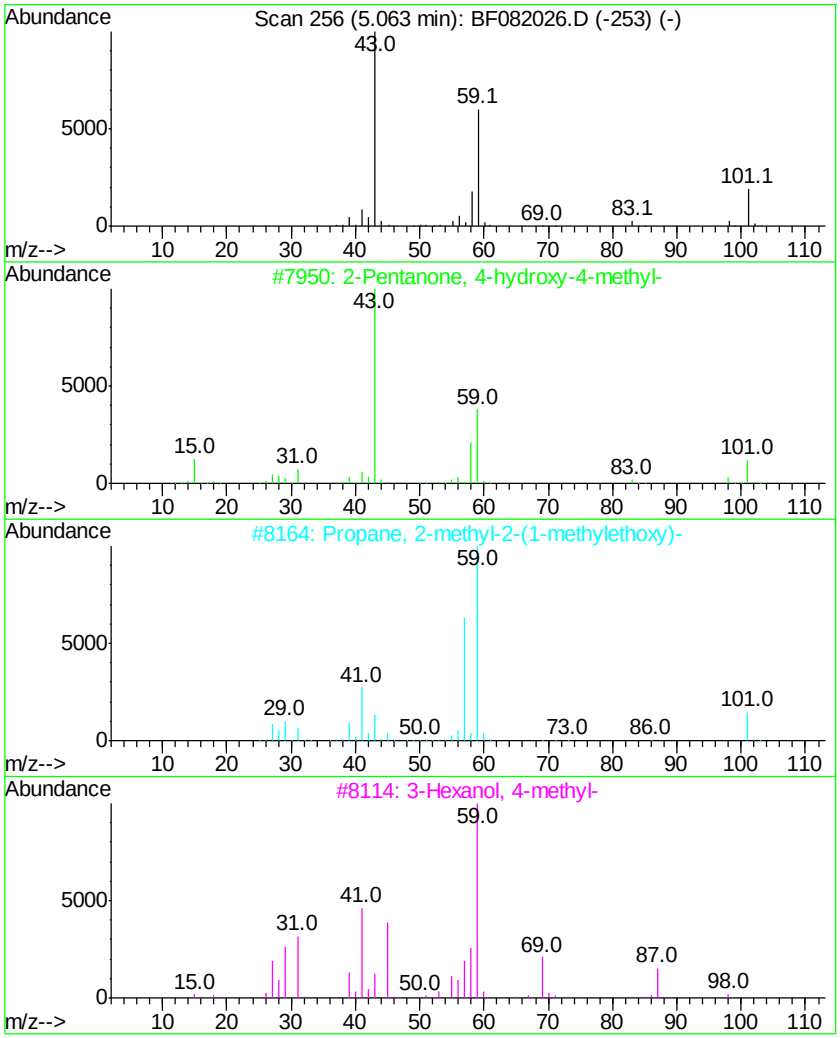
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

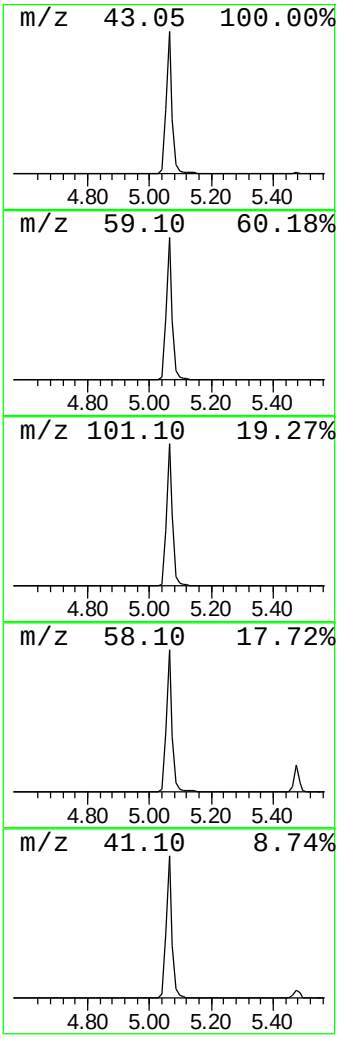
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.06	53.52 ng	1011600	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	28
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





Library Search Compound Report

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Data File : BF082026.D
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Operator : UM/IZ
Sample : G3888-01
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC093015

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

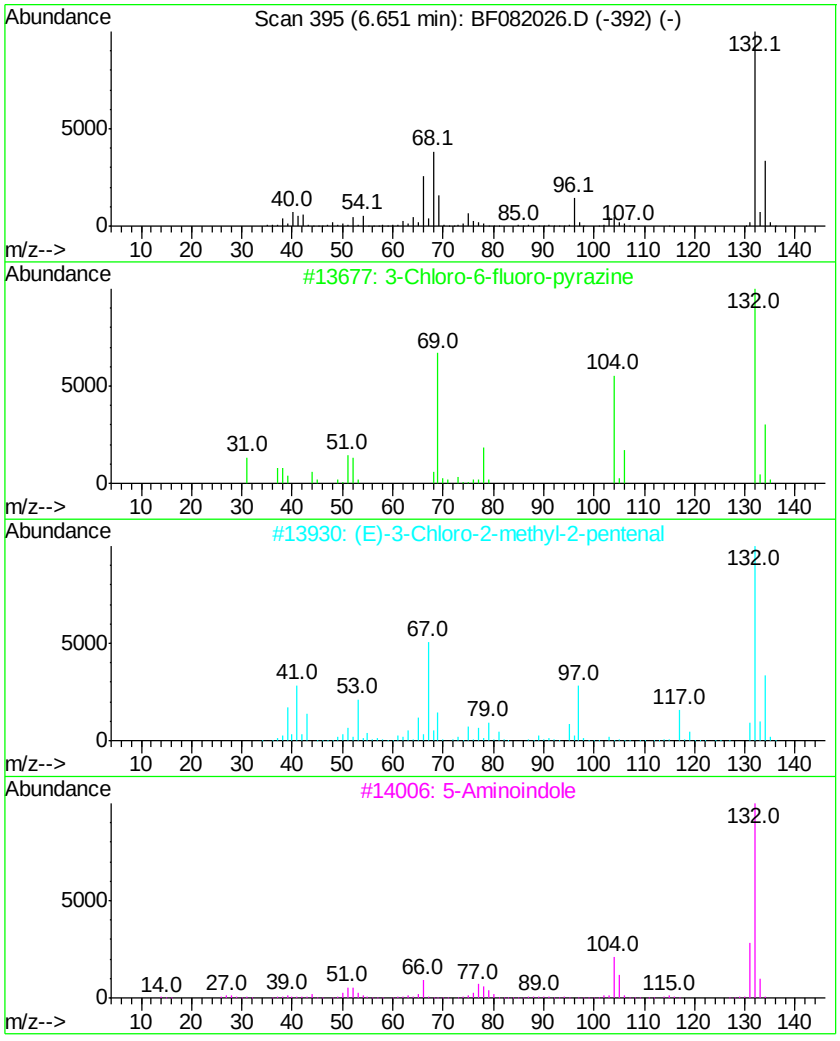
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

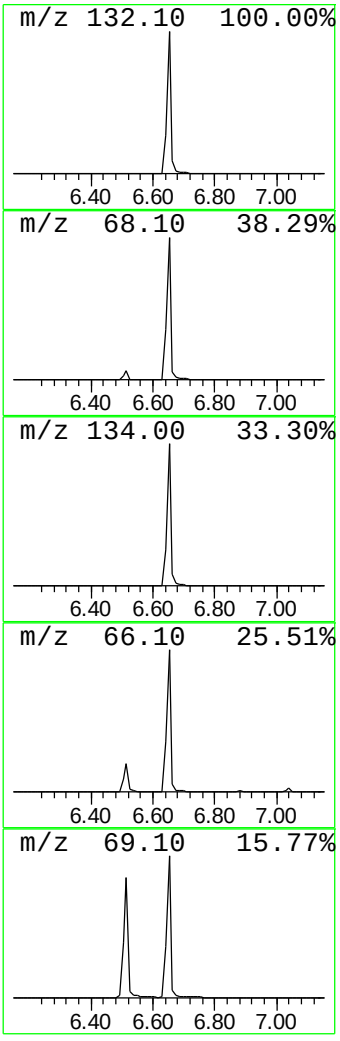
****

Peak Number 2 unknown6.65 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	108.38 ng	2048620	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF100215\
Data File : BF082026.D
Acq On : 3 Oct 2015 17:27
Operator : UM/IZ
Sample : G3888-01
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC093015

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

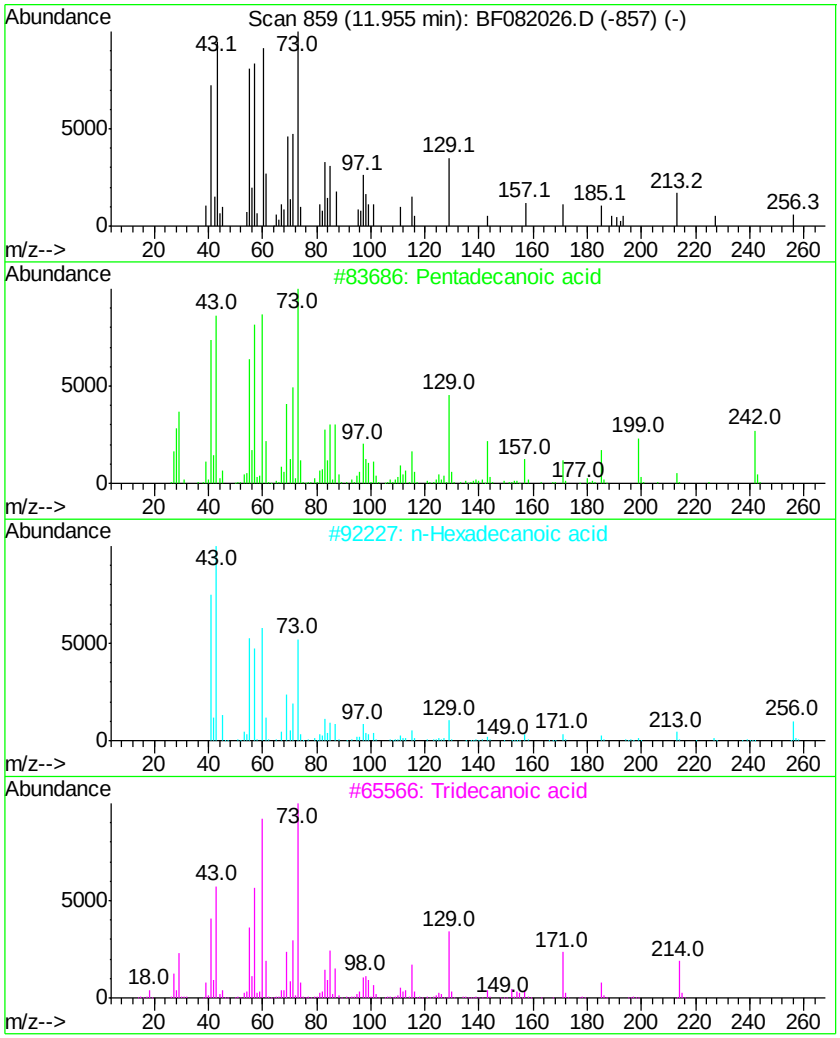
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

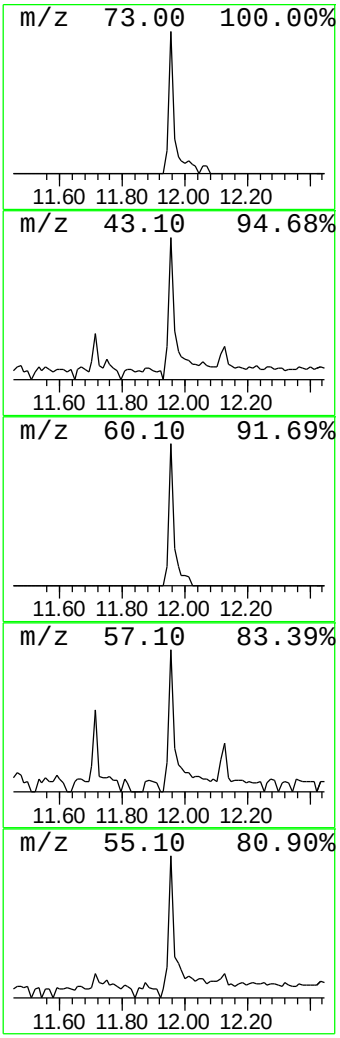
****

Peak Number 4 Pentadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.95	2.21 ng	80486	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanoic acid	242	C15H30O2	001002-84-2	86
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	70
3	Tridecanoic acid	214	C13H26O2	000638-53-9	64
4	Dodecanoic acid	200	C12H24O2	000143-07-7	53
5	Amyl Nitrite	117	C5H11NO2	000110-46-3	38





Data Path : Z:\HPCHEM1\BNA F\DATA\BF100215\
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Acq On : 3 Oct 2015 17:27
Operator : UM/IZ
Sample : G3888-01
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC093015

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

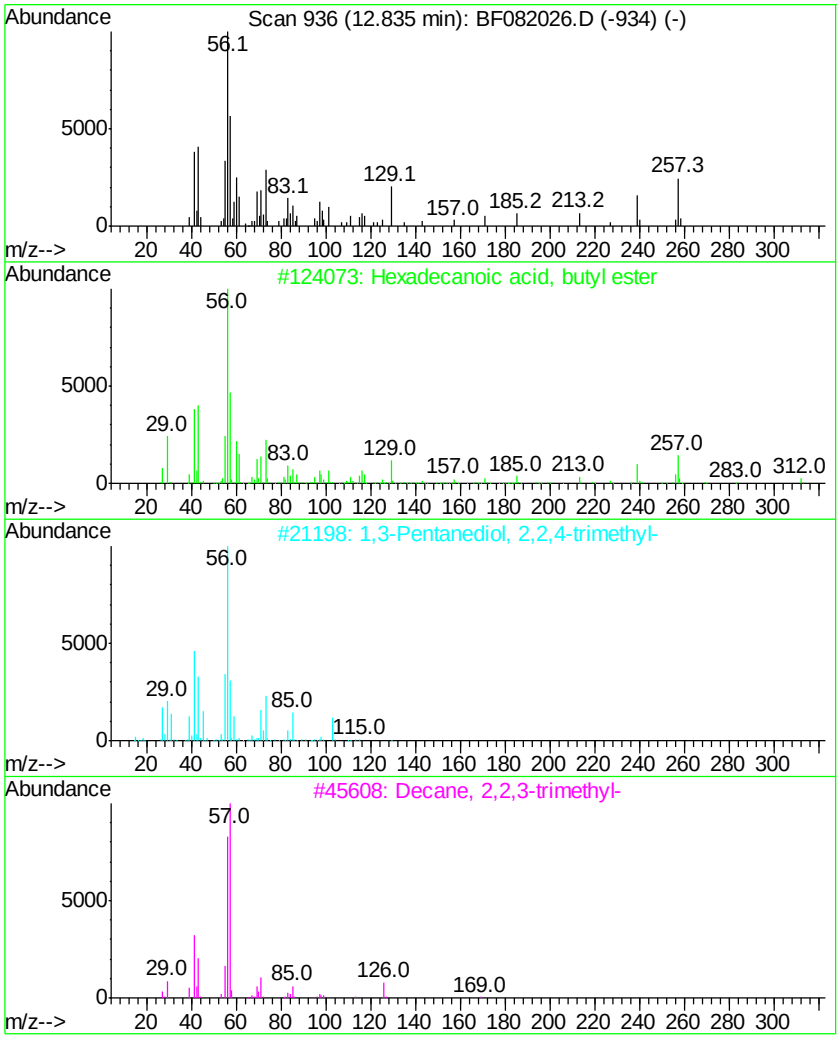
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

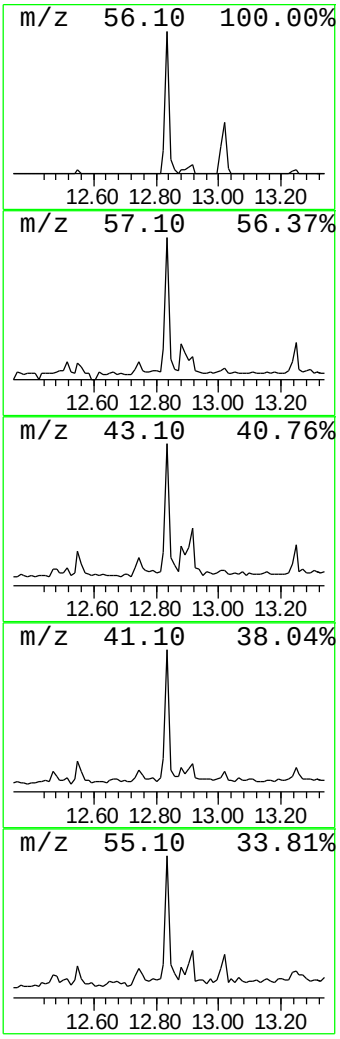
****

Peak Number 5 Hexadecanoic acid, butyl ester Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.84	2.29 ng	85739	Chrysene-d12	14.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	87
2	1,3-Pentanediol, 2,2,4-trimethyl-	146	C8H18O2	000144-19-4	38
3	Decane, 2,2,3-trimethyl-	184	C13H28	062338-09-4	35
4	1-Pentene, 2,4-dimethyl-	98	C7H14	002213-32-3	27
5	1-Hexene, 2,5-dimethyl-	112	C8H16	006975-92-4	27





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Data File : BF082026.D
Acq On : 3 Oct 2015 17:27
Operator : UM/IZ
Sample : G3888-01
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC093015

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.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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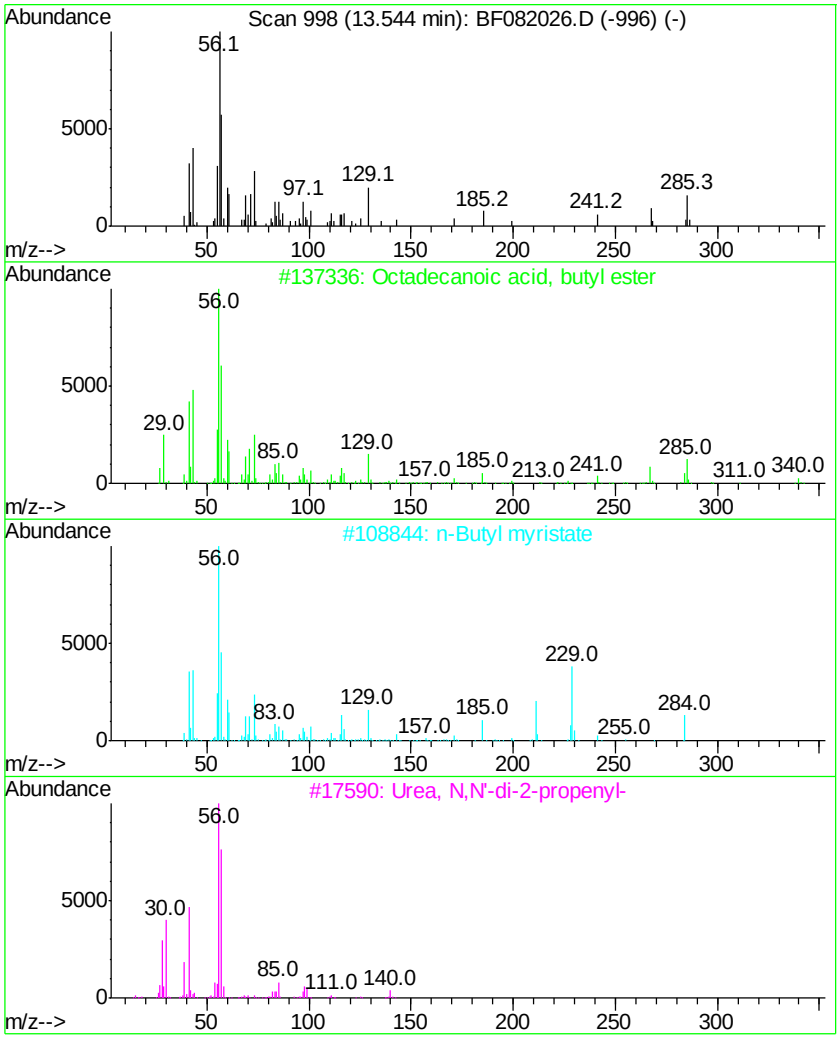
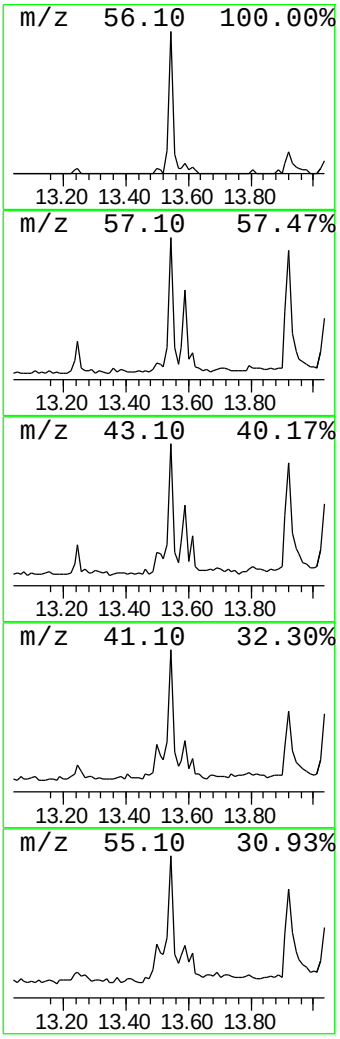
Peak Number 6 Octadecanoic acid, butyl ester Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.54	2.18 ng	81617	Chrysene-d12	14.07

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	64
3	Urea, N,N'-di-2-propenyl-	140	C7H12N2O	001801-72-5	35
4	Cyclobutane, 1,1-dimethyl-2-octyl-	196	C14H28	062338-30-1	35
5	Decane, 2,2,3-trimethyl-	184	C13H28	062338-09-4	35





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Sample : G3888-01
Misc :
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Instrument : BNA_F
ClientSampleId : WC093015

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.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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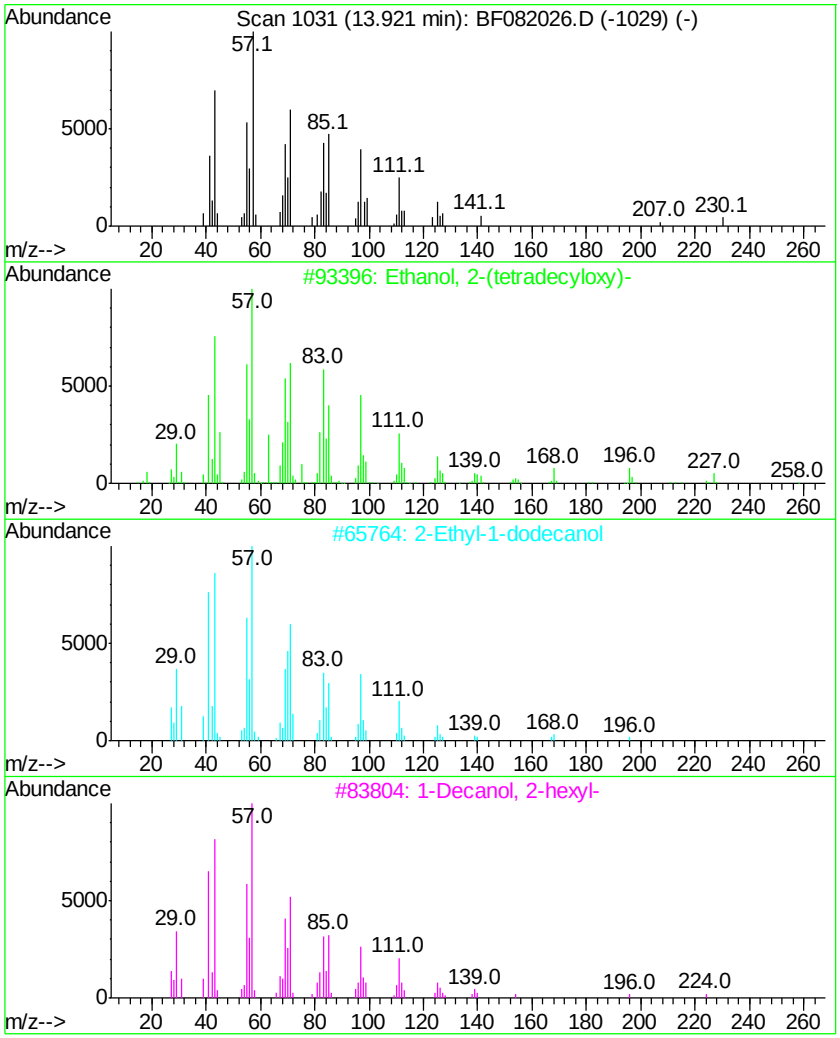
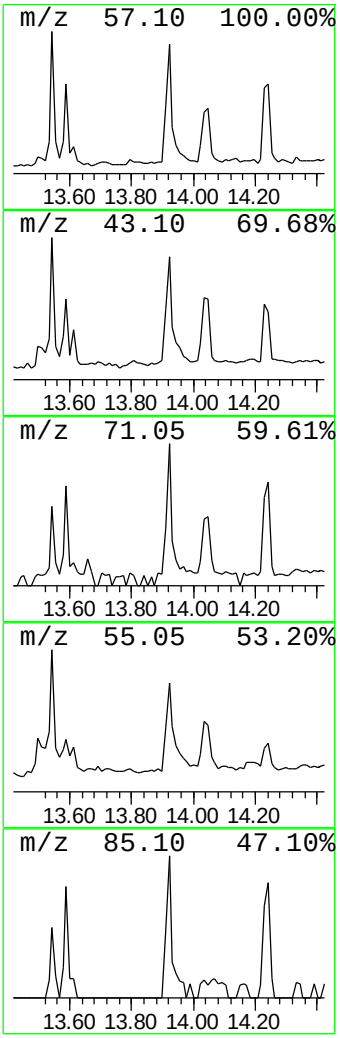
Peak Number 7 Ethanol, 2-(tetradecyloxy)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.92	2.57 ng	96293	Chrysene-d12	14.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	87
2	2-Ethyl-1-dodecanol	214	C14H30O	019780-33-7	80
3	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	74
4	3-Chloropropionic acid, heptadec...	346	C20H39ClO2	1000283-05-1	70
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	64





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Instrument : BNA_F
ClientSampleId : WC093015

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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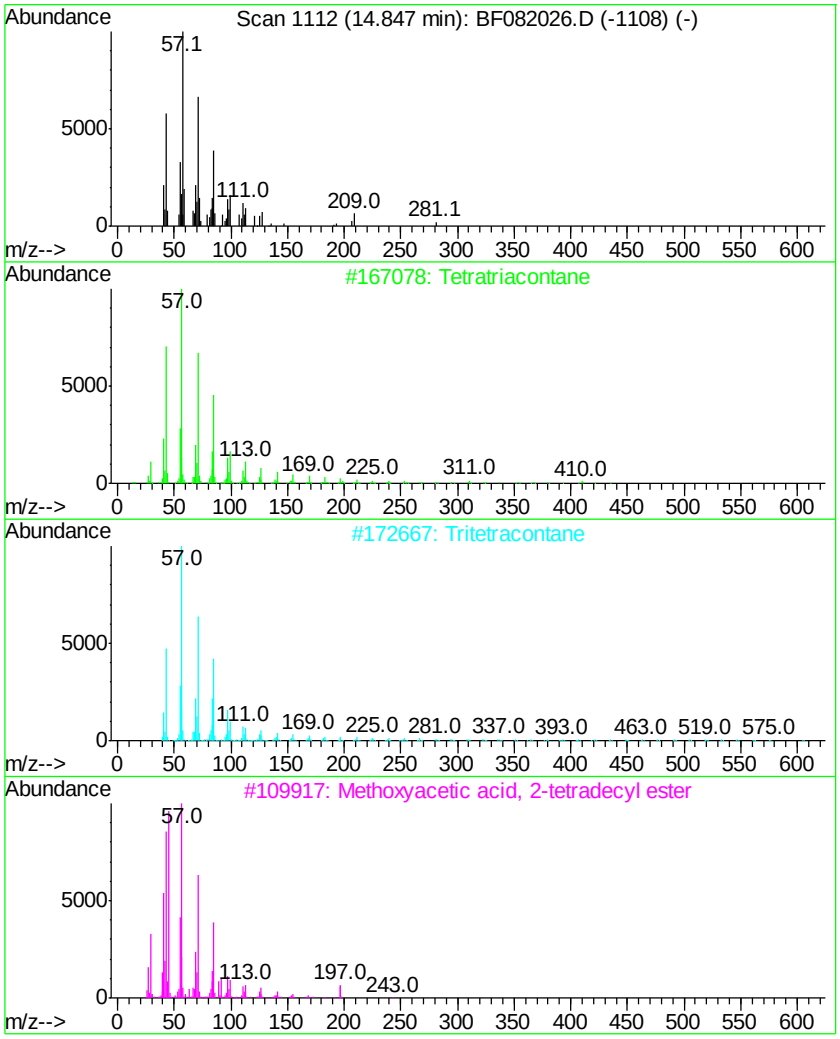
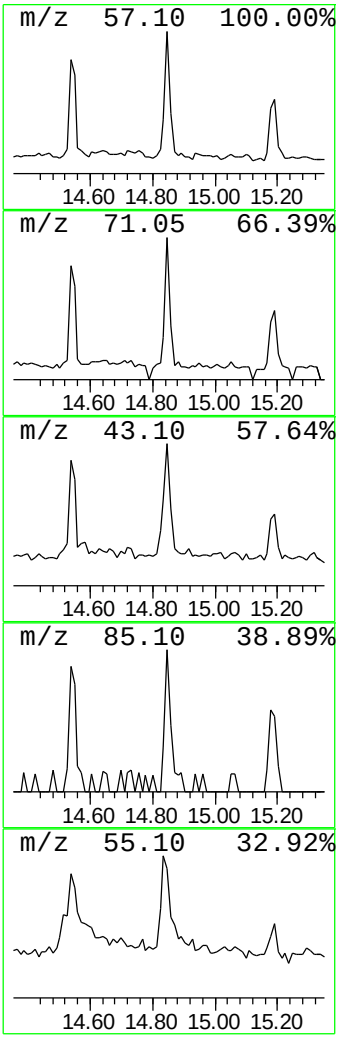
Peak Number 8 Tetratriacontane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.85	2.72 ng	74547	Perylene-d12	15.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratriacontane	479	C34H70	014167-59-0	87
2	Tritetracontane	605	C43H88	007098-21-7	86
3	Methoxyacetic acid, 2-tetradecyl...	286	C17H34O3	1000282-04-8	86
4	Heptacosane	380	C27H56	000593-49-7	83
5	10-Methylnonadecane	282	C20H42	056862-62-5	80





Tentatively Identified Compound (LSC) summary

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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...	5.06	53.5	ng	1011600	1	6.89	378055	20.0
unknown6.65	6.65	108.4	ng	2048620	1	6.89	378055	20.0
Pentadecanoic acid	11.95	2.2	ng	80486	4	11.42	729653	20.0
Hexadecanoic acid...	12.84	2.3	ng	85739	5	14.07	750259	20.0
Octadecanoic acid...	13.54	2.2	ng	81617	5	14.07	750259	20.0
Ethanol, 2-(tetra...	13.92	2.6	ng	96293	5	14.07	750259	20.0
Tetratriacontane	14.85	2.7	ng	74547	6	15.53	548888	20.0