LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\Data\BF040517\
Data File : BF094200.D
Acq On : 5 Apr 2017 20:16
Operator : SJ/MA
Sample : I2523-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BASING-13(0-2)

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-BF032217.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	1.916	3	5	12	rVB	80206	90569	2.11%	0.239%
2	4.004	356	360	370	rBV	464752	601355	14.04%	1.588%
3	4.398	422	427	431	rBV	3431789	3782238	88.32%	9.985%
4	5.469	603	609	612	rBV	3264529	3990954	93.19%	10.536%
5	5.610	627	633	636	rBV	3880068	4003545	93.49%	10.569%
6	5.863	672	676	680	rBV	1169592	1026535	23.97%	2.710%
7	6.040	701	706	710	rBV	2990722	2968834	69.33%	7.837%
8	6.510	780	786	789	rBV	2274454	2593425	60.56%	6.846%
9	7.363	926	931	935	rBV	1438677	1405499	32.82%	3.710%
10	8.686	1150	1156	1160	rBV	3801999	4282420	100.00%	11.305%
11	9.181	1236	1240	1244	rBV	332079	312061	7.29%	0.824%
12	9.504	1287	1295	1299	rBV2	1561529	1620772	37.85%	4.279%
13	10.098	1390	1396	1399	rBV	128024	118095	2.76%	0.312%
14	10.369	1435	1442	1445	rBV2	37697	67700	1.58%	0.179%
15	10.475	1455	1460	1464	rBV	1989051	2159275	50.42%	5.700%
16	10.680	1491	1495	1498	rBV	138412	150429	3.51%	0.397%
17	11.233	1586	1589	1593	rBV	58204	63279	1.48%	0.167%
18	11.327	1599	1605	1609	rBV	1481549	1516504	35.41%	4.003%
19	13.310	1935	1942	1945	rBV	3140115	3798873	88.71%	10.029%
20	14.468	2135	2139	2152	rBV	159934	322319	7.53%	0.851%
21	14.574	2152	2157	2161	rVV	1297512	1289349	30.11%	3.404%
22	15.968	2390	2394	2398	rBV	52741	60508	1.41%	0.160%
23	16.204	2428	2434	2441	rBV	769502	938336	21.91%	2.477%
24	16.321	2450	2454	2462	rVB	80497	106775	2.49%	0.282%
25	16.721	2517	2522	2528	rBV	97151	138007	3.22%	0.364%
26	17.174	2594	2599	2609	rVB2	90862	165907	3.87%	0.438%
27	17.703	2683	2689	2698	rBV3	66657	135068	3.15%	0.357%
28	18.321	2787	2794	2801	rVB4	47924	109931	2.57%	0.290%
29	19.045	2913	2917	2924	rVB5	27722	61499	1.44%	0.162%

Sum of corrected areas: 37880061

LSC Report - Integrated Chromatogram

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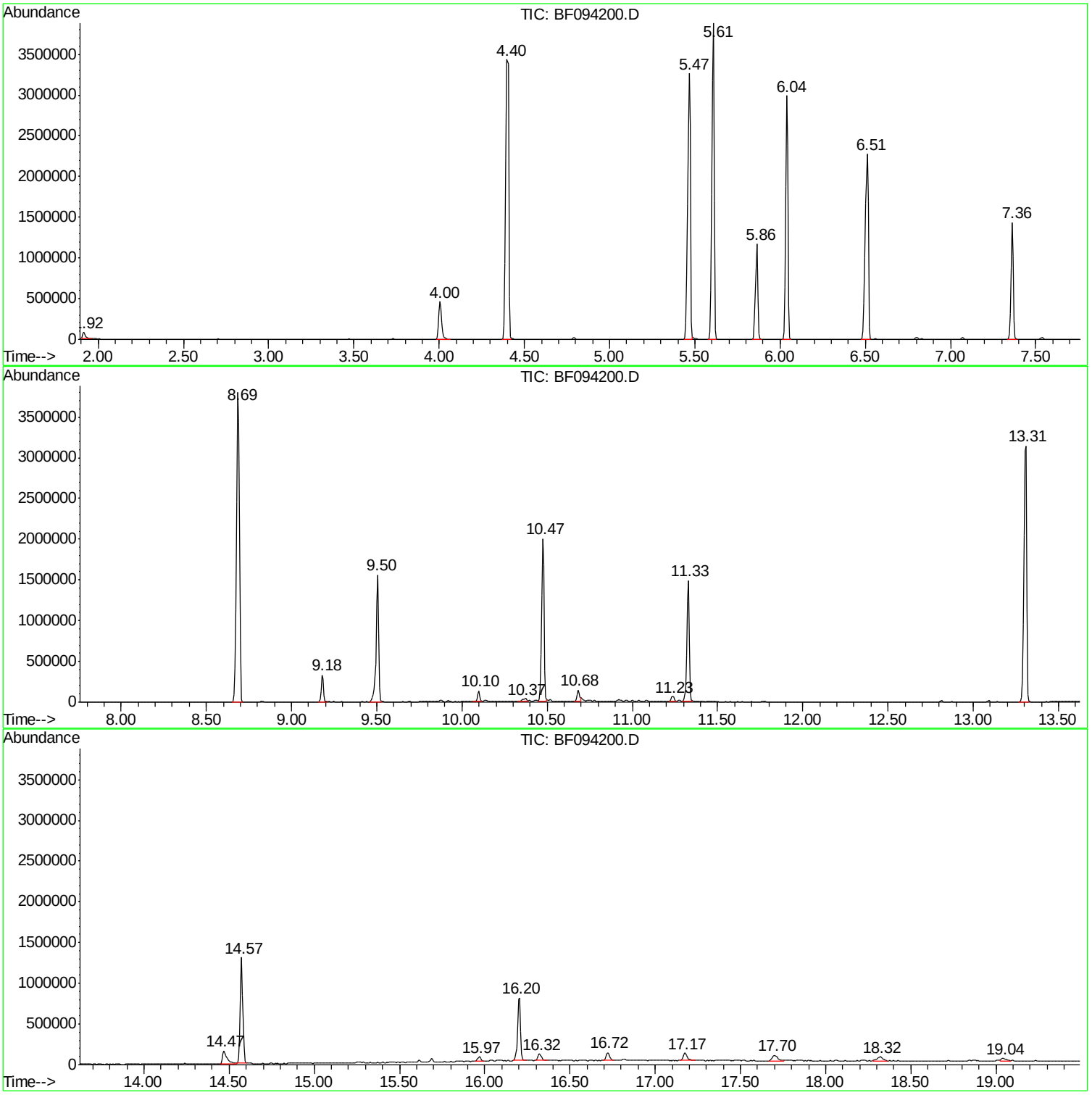
Operator : SJ/MA
Sample : I2523-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BASING-13(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.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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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.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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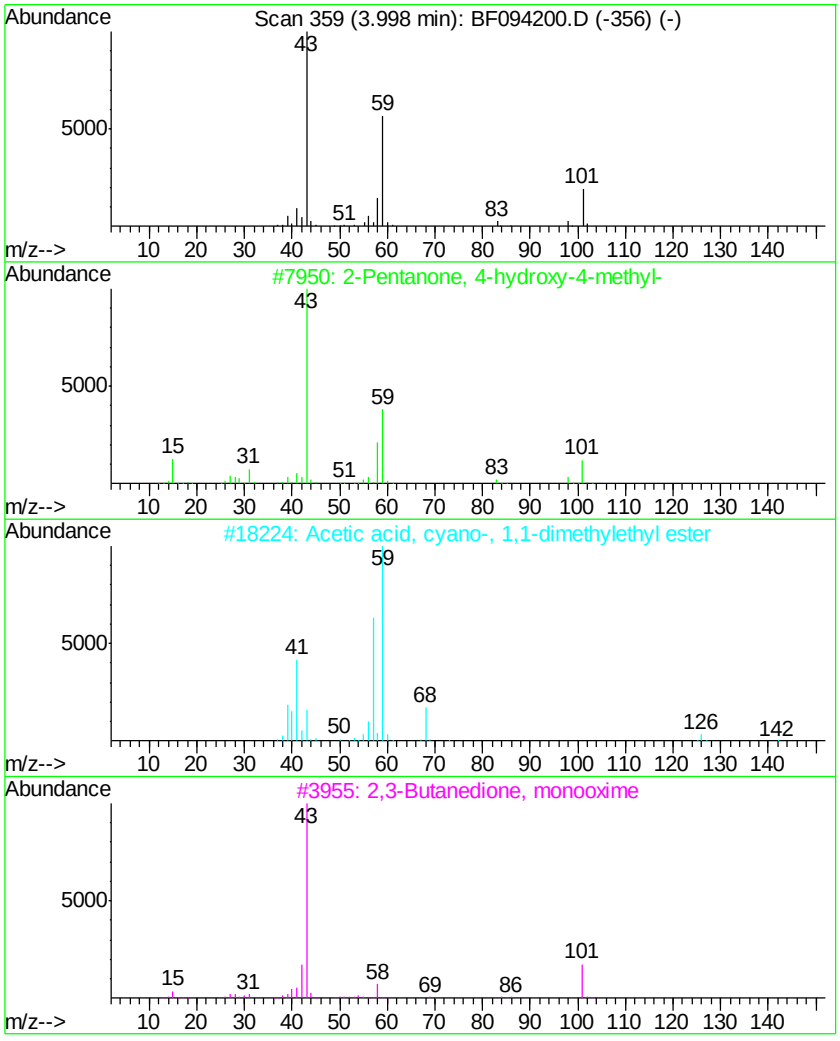
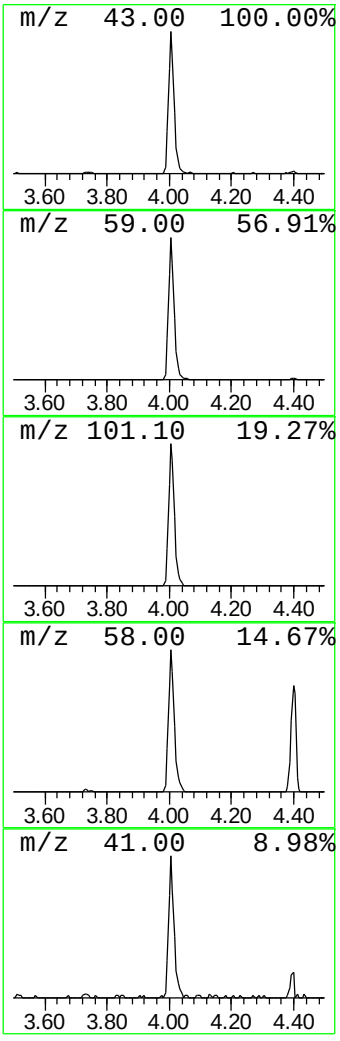
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.00	11.72 ng	601355	1,4-Dichlorobenzene-d4	5.86

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, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





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Acq On : 5 Apr 2017 20:16
Operator : SJ/MA
Sample : I2523-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BASING-13(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.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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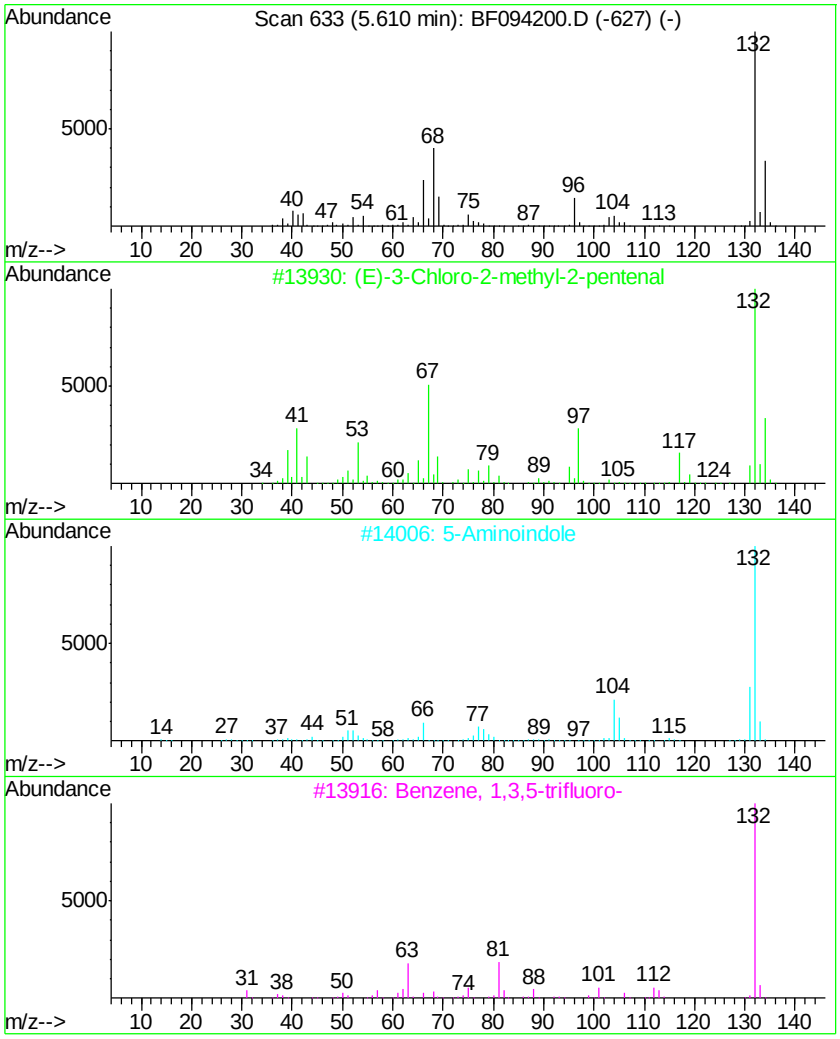
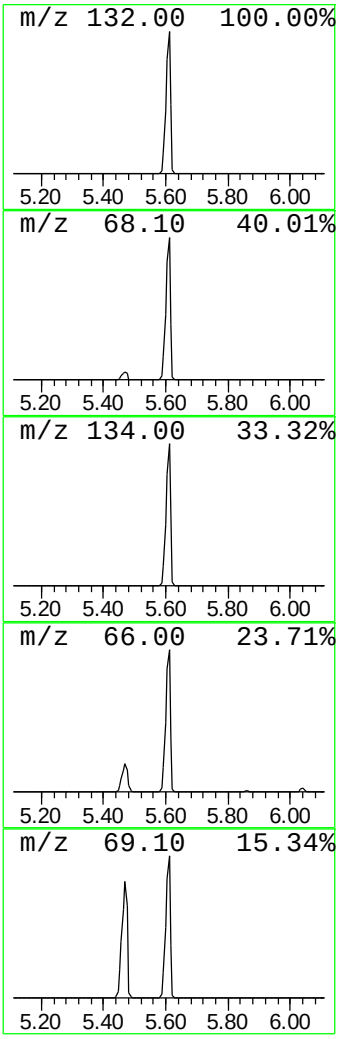
Peak Number 2 unknown5.61 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.61	78.00 ng	4003550	1,4-Dichlorobenzene-d4	5.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9





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Sample : I2523-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BASING-13(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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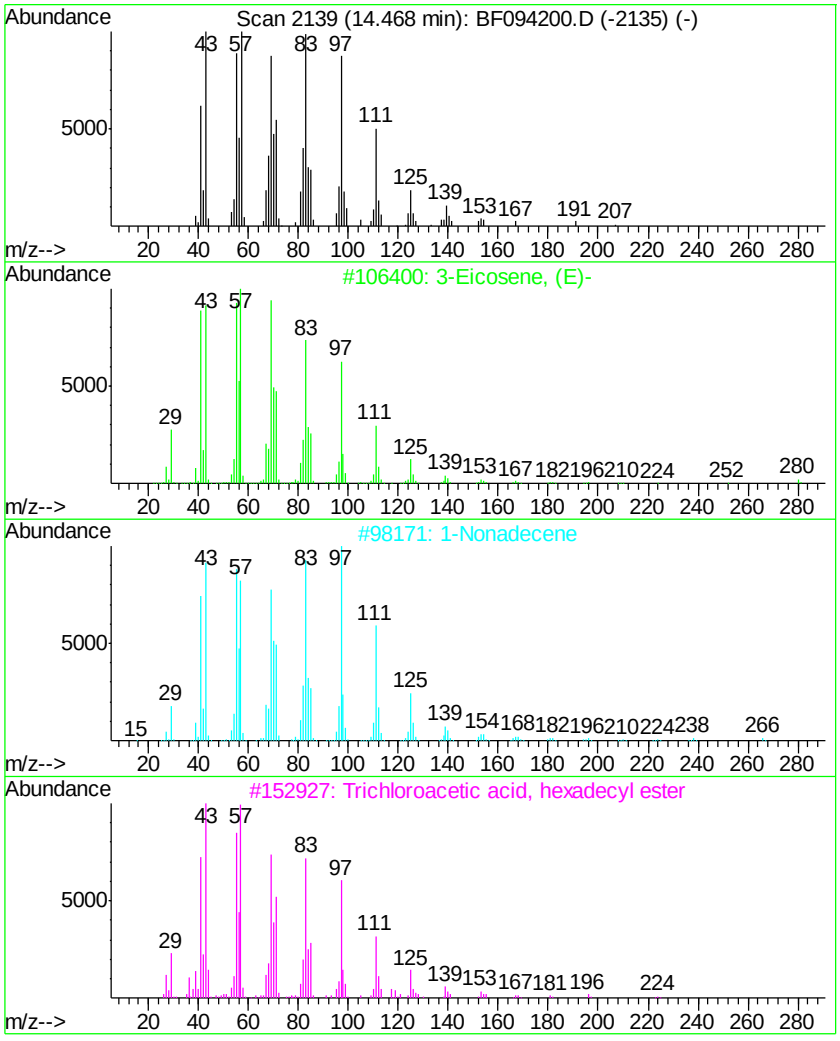
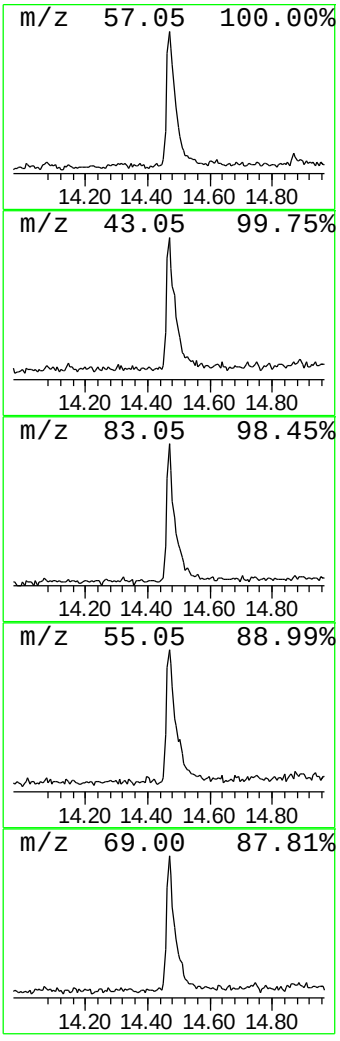
Peak Number 4 3-Eicosene, (E)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.47	5.00 ng	322319	Chrysene-d12	14.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	90
2	1-Nonadecene	266	C19H38	018435-45-5	90
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	87
4	1-Docosene	308	C22H44	001599-67-3	81
5	1-Heptadecanol	256	C17H36O	001454-85-9	81





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Data File : BF094200.D
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Operator : SJ/MA
Sample : I2523-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BASING-13(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.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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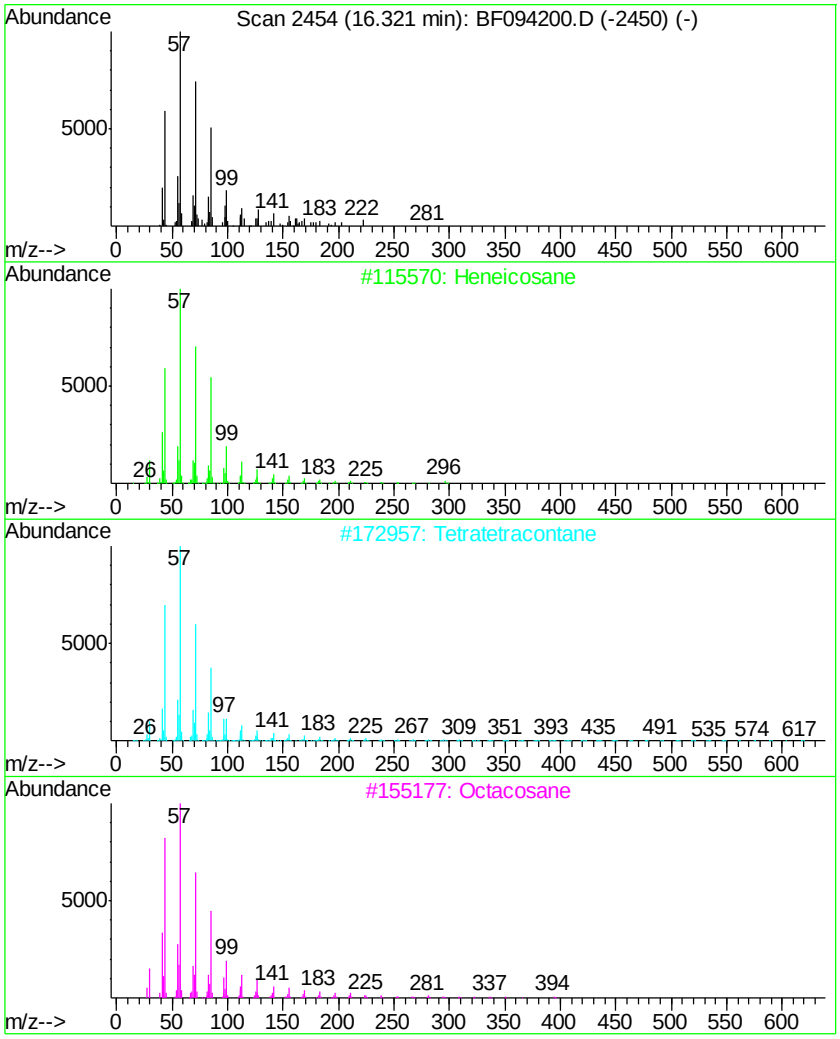
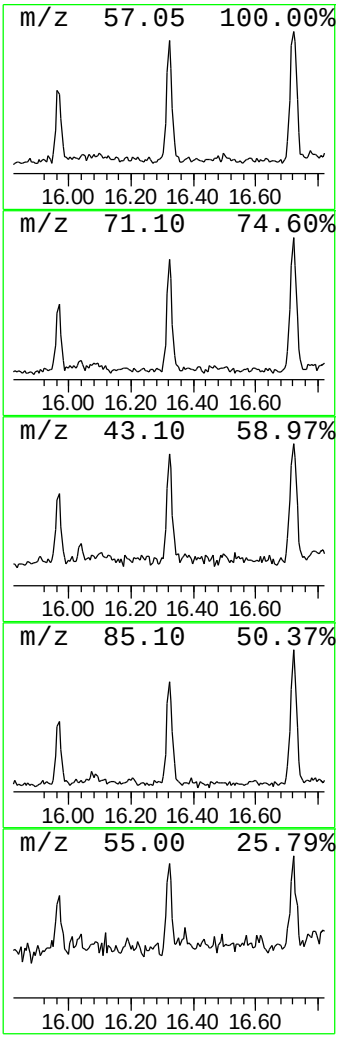
Peak Number 5 Heneicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.32	2.28 ng	106775	Perylene-d12	16.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	90
2	Tetratetracontane	619	C44H90	007098-22-8	90
3	Octacosane	394	C28H58	000630-02-4	90
4	Hentriacontane	437	C31H64	000630-04-6	90
5	Tetratriacontane	479	C34H70	014167-59-0	90





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Operator : SJ/MA
Sample : I2523-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BASING-13(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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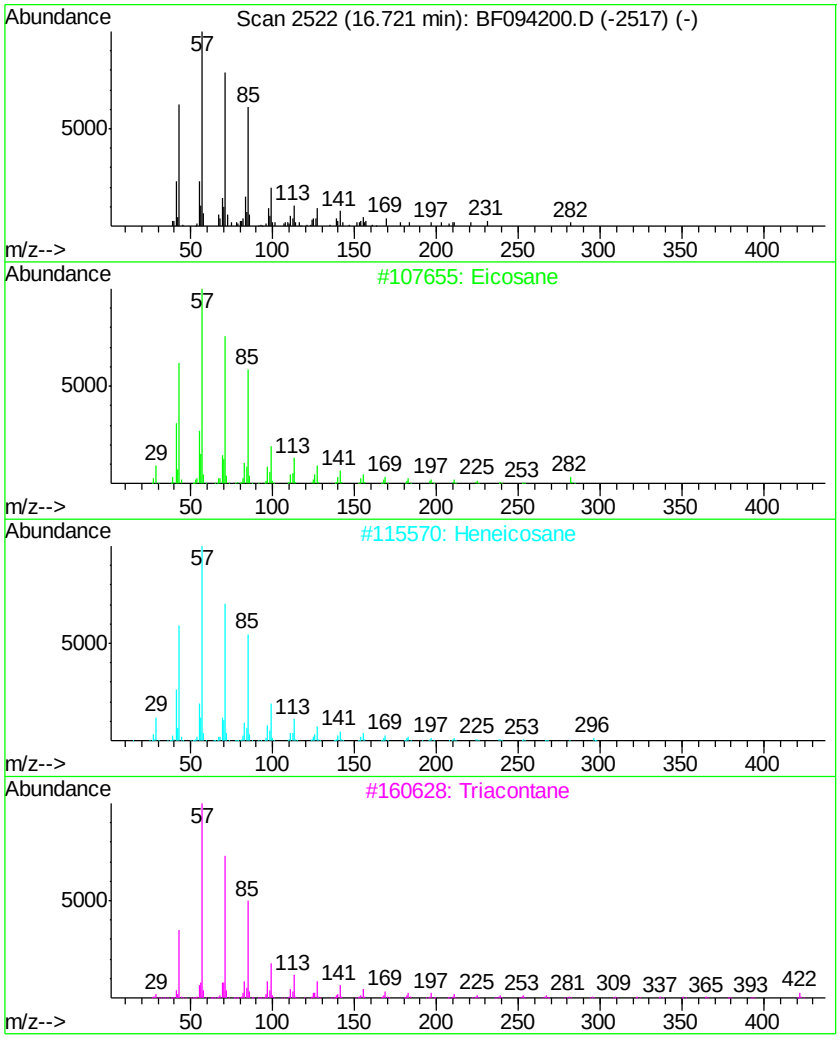
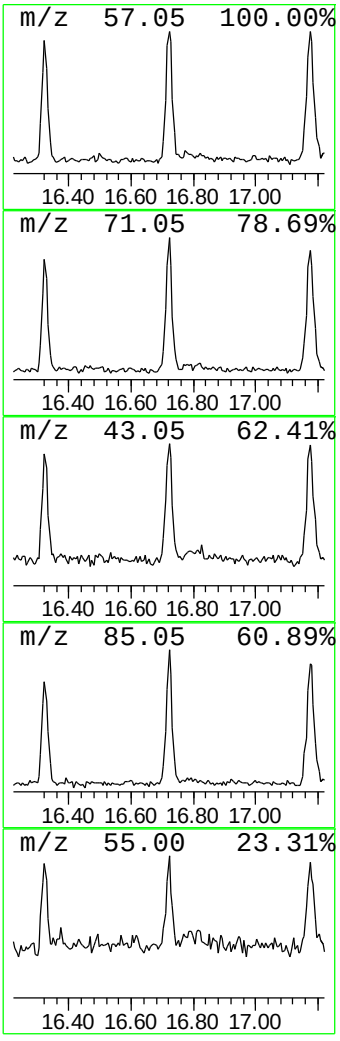
Peak Number 6 Eicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.72	2.94 ng	138007	Perylene-d12	16.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	96
2	Heneicosane	296	C21H44	000629-94-7	91
3	Triacontane	422	C30H62	000638-68-6	91
4	Octadecane	254	C18H38	000593-45-3	91
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91





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Operator : SJ/MA
Sample : I2523-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BASING-13(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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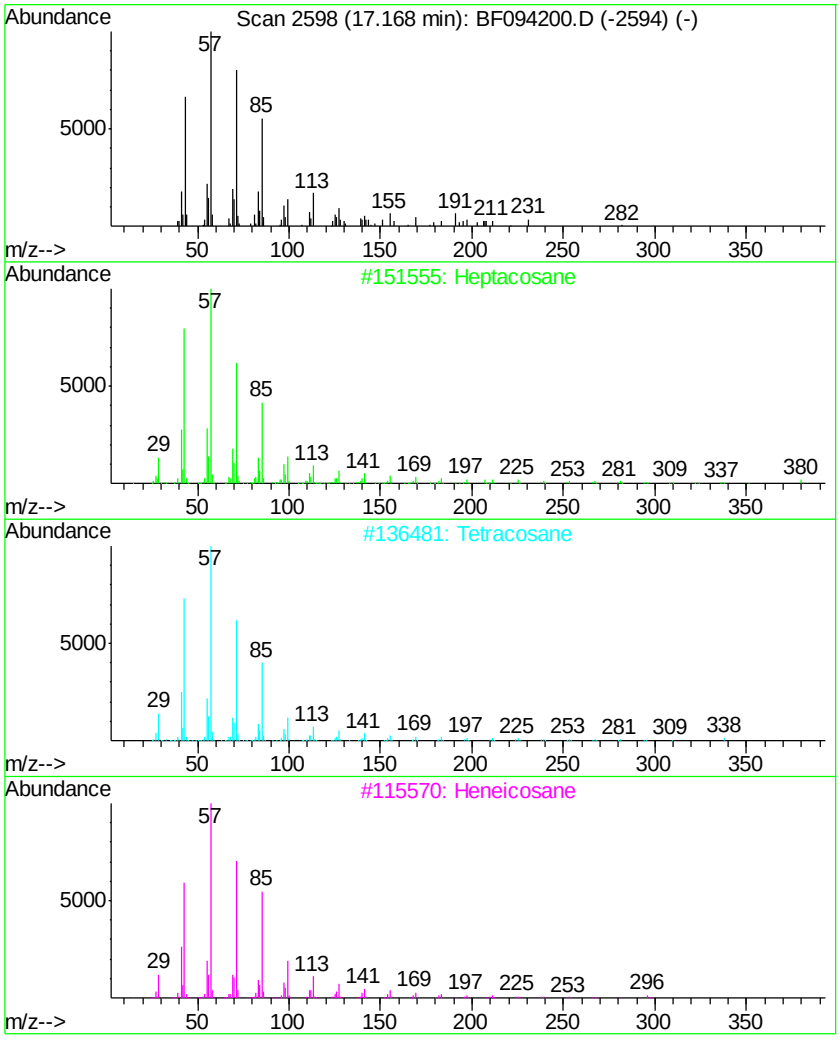
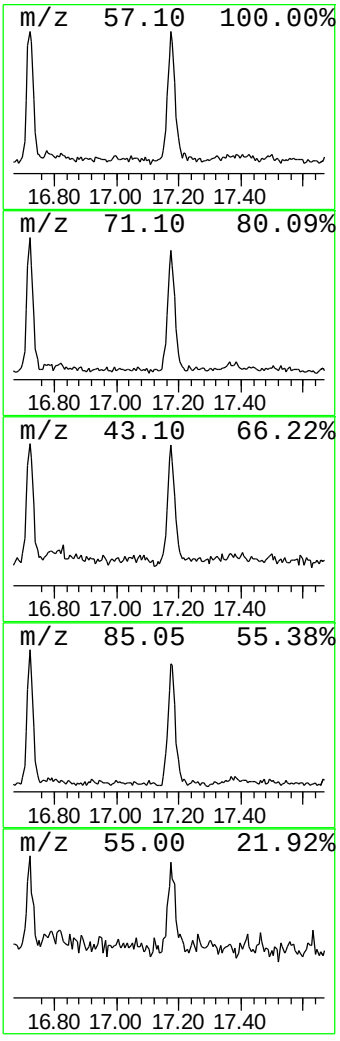
Peak Number 7 Heptacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.17	3.54 ng	165907	Perylene-d12	16.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	91
2	Tetracosane	338	C24H50	000646-31-1	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Tridecanol, 2-ethyl-2-methyl-	242	C16H34O	1000115-66-1	91
5	Docosane	310	C22H46	000629-97-0	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\Data\BF040517\
Data File : BF094200.D
Acq On : 5 Apr 2017 20:16
Operator : SJ/MA
Sample : I2523-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BASING-13(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.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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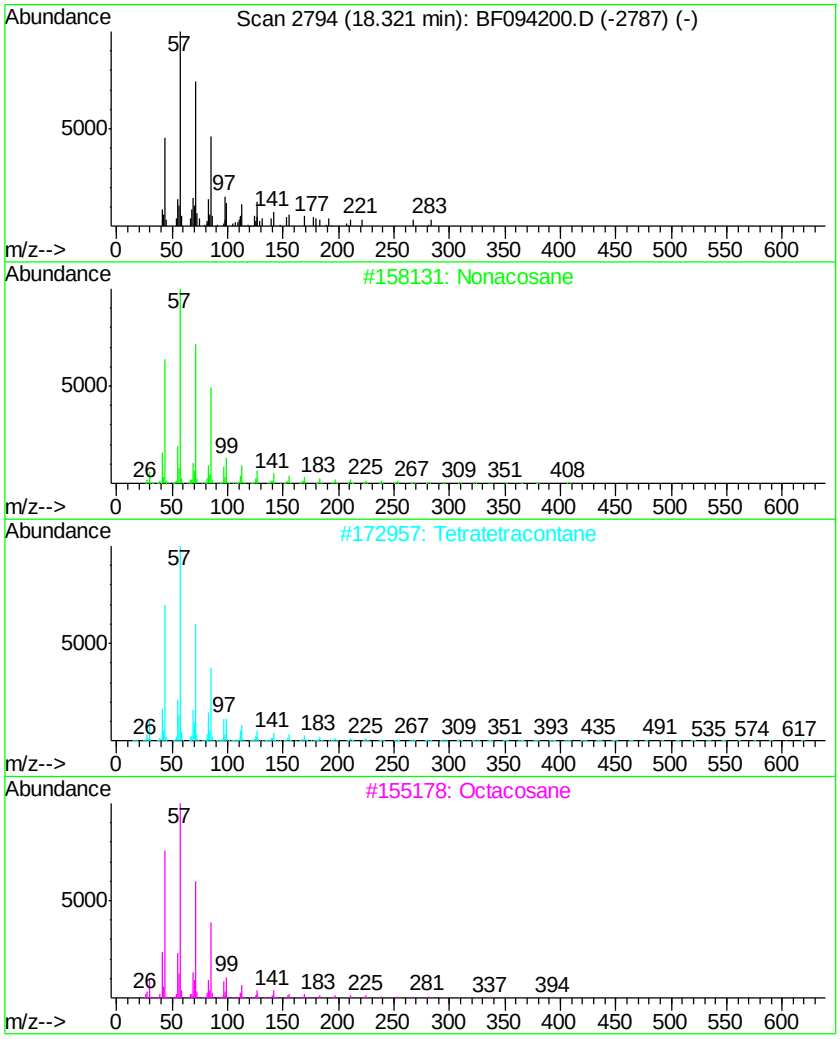
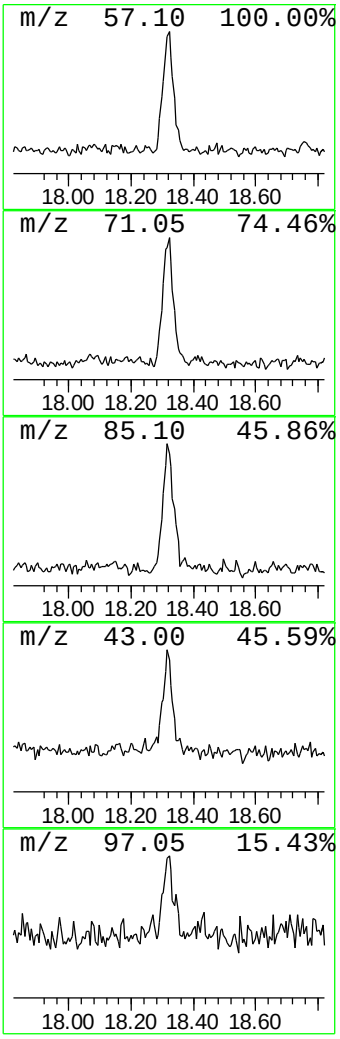
Peak Number 9 Nonacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.32	2.34 ng	109931	Perylene-d12	16.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonacosane	408	C29H60	000630-03-5	87
2	Tetratetracontane	619	C44H90	007098-22-8	86
3	Octacosane	394	C28H58	000630-02-4	86
4	Docosane	310	C22H46	000629-97-0	86
5	Pentacosane	352	C25H52	000629-99-2	83





Tentatively Identified Compound (LSC) summary

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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...	4.00	11.7	ng	601355	1	5.86	1026540	20.0
unknown5.61	5.61	78.0	ng	4003550	1	5.86	1026540	20.0
3-Eicosene, (E)-	14.47	5.0	ng	322319	5	14.57	1289350	20.0
Heneicosane	16.32	2.3	ng	106775	6	16.20	938336	20.0
Eicosane	16.72	2.9	ng	138007	6	16.20	938336	20.0
Heptacosane	17.17	3.5	ng	165907	6	16.20	938336	20.0
Nonacosane	18.32	2.3	ng	109931	6	16.20	938336	20.0