LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081318\
Data File : BF108130.D
Acq On : 13 Aug 2018 21:37
Operator : JU/SJ
Sample : J4442-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-1-1

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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	5.260	492	497	504	rVB	667436	762281	19.40%	2.155%
2	5.649	558	563	566	rBV	4171340	3795052	96.61%	10.731%
3	6.637	726	731	735	rBV	3756417	3928332	100.00%	11.107%
4	6.790	753	757	761	rBV	3951284	3876717	98.69%	10.961%
5	7.025	793	797	800	rBV	1353185	1075056	27.37%	3.040%
6	7.178	819	823	827	rBV	3212854	2905246	73.96%	8.215%
7	7.584	887	892	895	rBV	2772119	2366934	60.25%	6.693%
8	8.307	1011	1015	1018	rBV	1608954	1261795	32.12%	3.568%
9	9.384	1193	1198	1201	rBV	4194154	3648143	92.87%	10.315%
10	9.772	1260	1264	1267	rBV	333077	253479	6.45%	0.717%
11	10.072	1311	1315	1319	rBV	1481552	1248707	31.79%	3.531%
12	10.866	1446	1450	1463	rBV	2447584	2112517	53.78%	5.973%
13	11.572	1566	1570	1573	rBV	1507582	1250747	31.84%	3.537%
14	13.025	1811	1817	1822	rBV3	54536	106546	2.71%	0.301%
15	13.160	1836	1840	1843	rBV	4130997	3617426	92.09%	10.228%
16	13.372	1873	1876	1880	rBV	48642	47797	1.22%	0.135%
17	13.713	1931	1934	1937	rBV2	75122	62765	1.60%	0.177%
18	14.060	1987	1993	2005	rBV4	132425	402349	10.24%	1.138%
19	14.230	2018	2022	2026	rBV	1332354	1169017	29.76%	3.305%
20	14.360	2041	2044	2047	rBV	122724	120685	3.07%	0.341%
21	14.671	2094	2097	2102	rBV	150596	138721	3.53%	0.392%
22	15.007	2151	2154	2159	rVB	157795	168889	4.30%	0.478%
23	15.377	2213	2217	2222	rVB	146596	182137	4.64%	0.515%
24	15.807	2285	2290	2296	rVB	599242	865364	22.03%	2.447%

Sum of corrected areas: 35366702

LSC Report - Integrated Chromatogram

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Sample : J4442-01
Misc :
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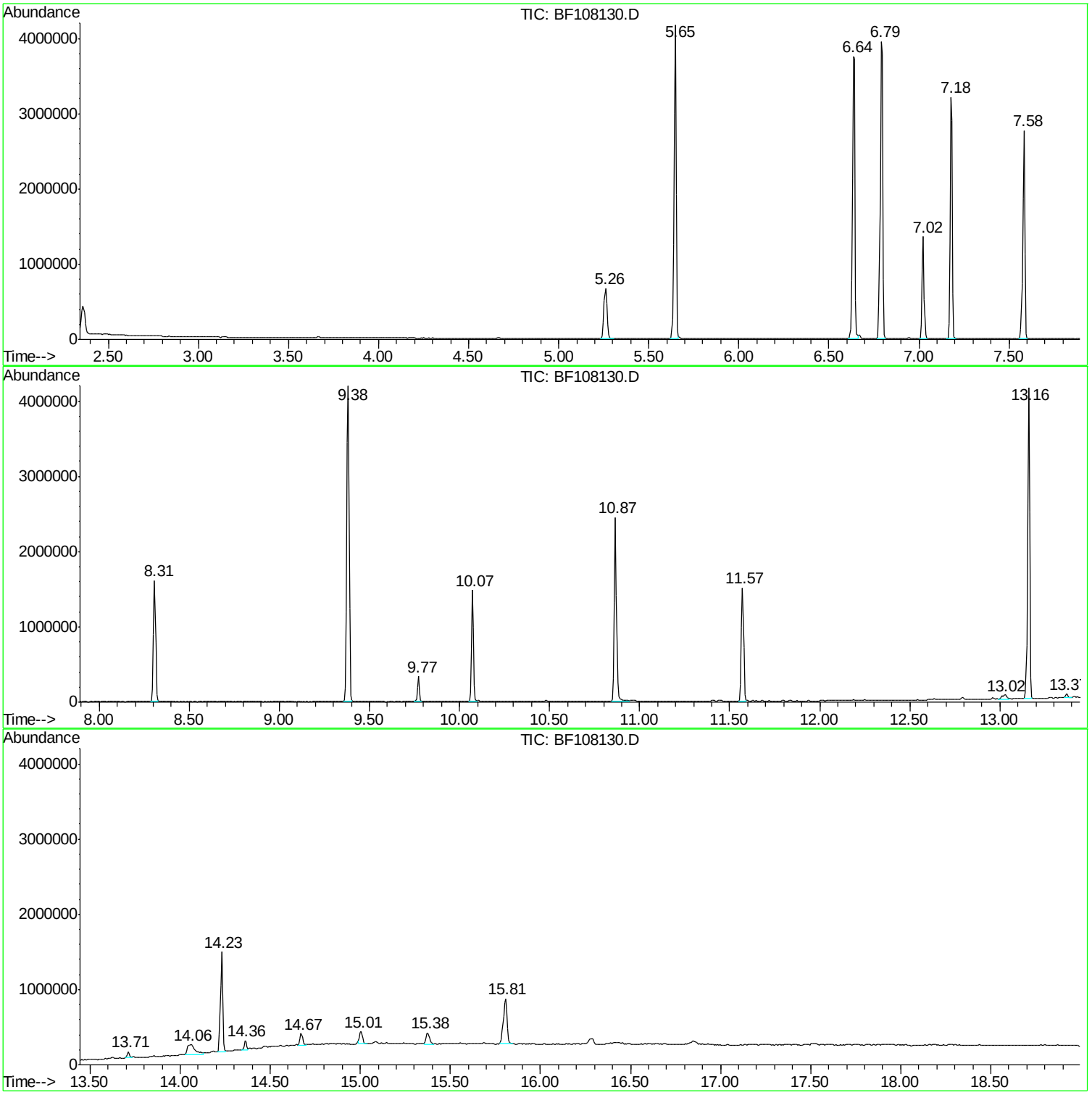
Instrument : BNA_F
ClientSampleId : SP-1-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

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Operator : JU/SJ
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Misc :
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Instrument : BNA_F
ClientSampleId : SP-1-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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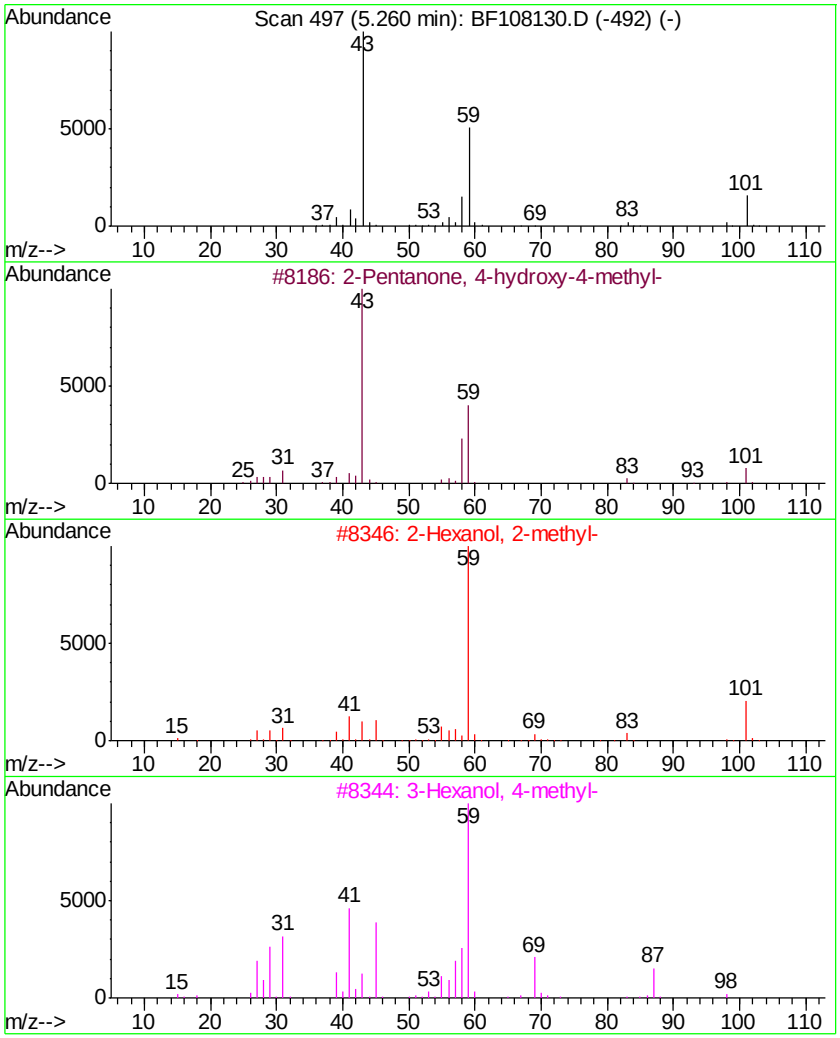
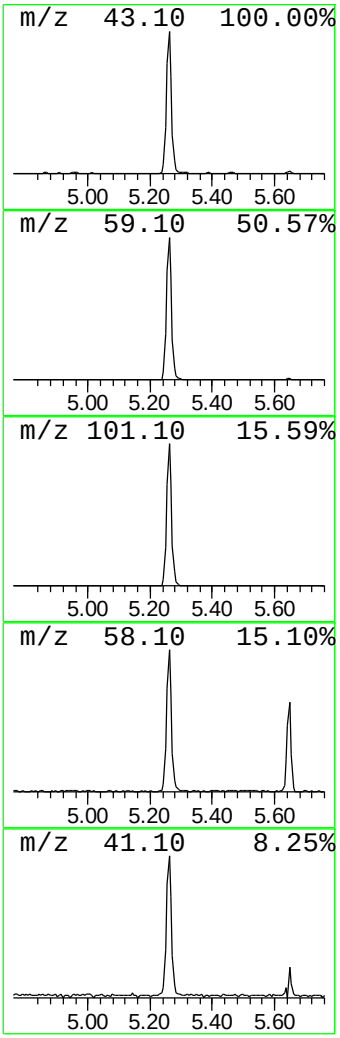
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.26	14.18 ng	762281	1,4-Dichlorobenzene-d4	7.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10





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Operator : JU/SJ
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Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-1-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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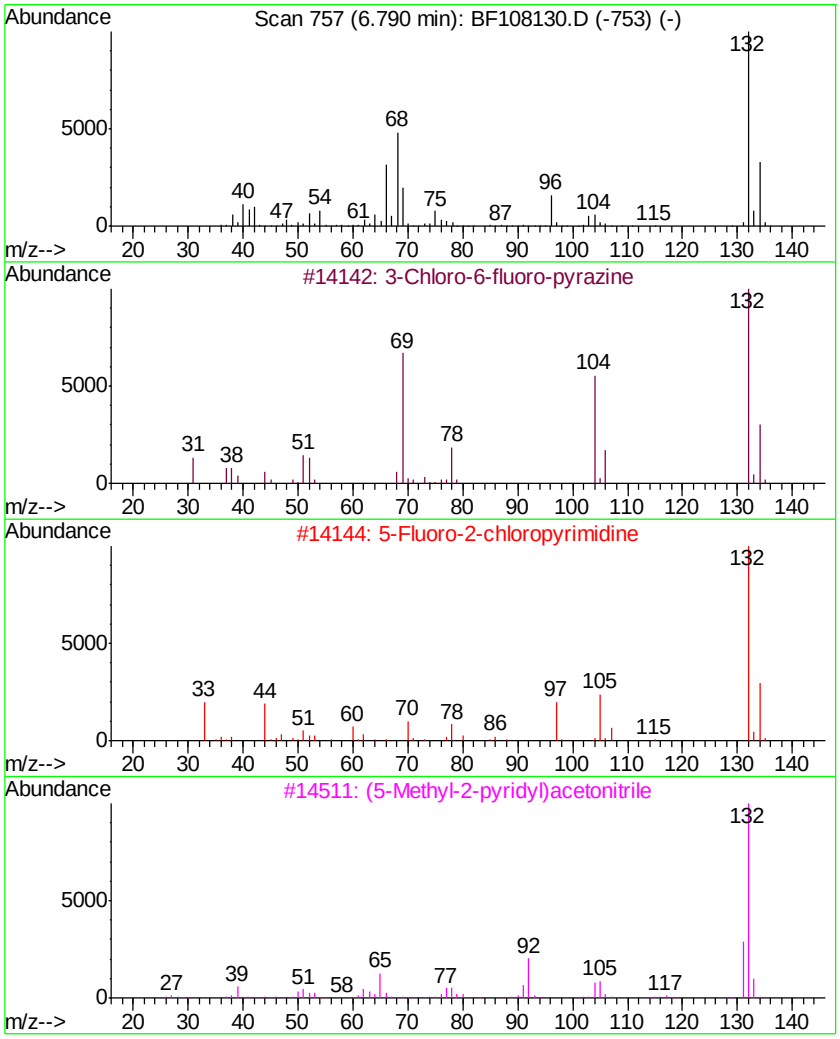
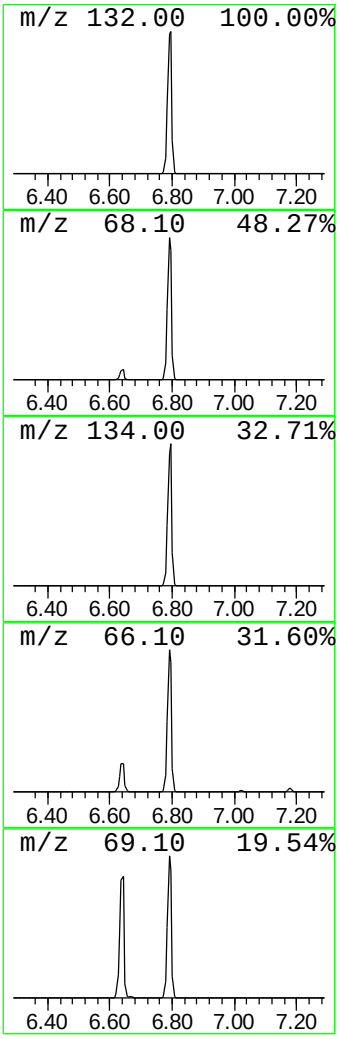
Peak Number 2 unknown6.79 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.79	72.12 ng	3876720	1,4-Dichlorobenzene-d4	7.02

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	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	10
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Library Search Compound Report

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Acq On : 13 Aug 2018 21:37
Operator : JU/SJ
Sample : J4442-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-1-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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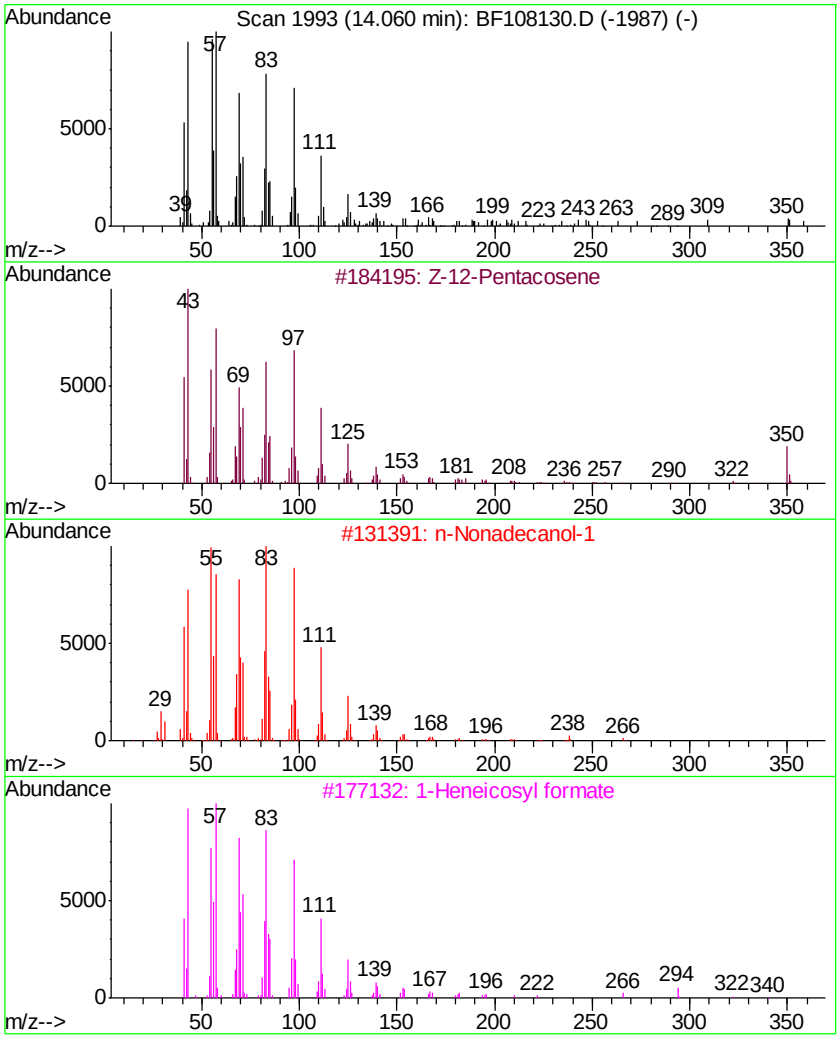
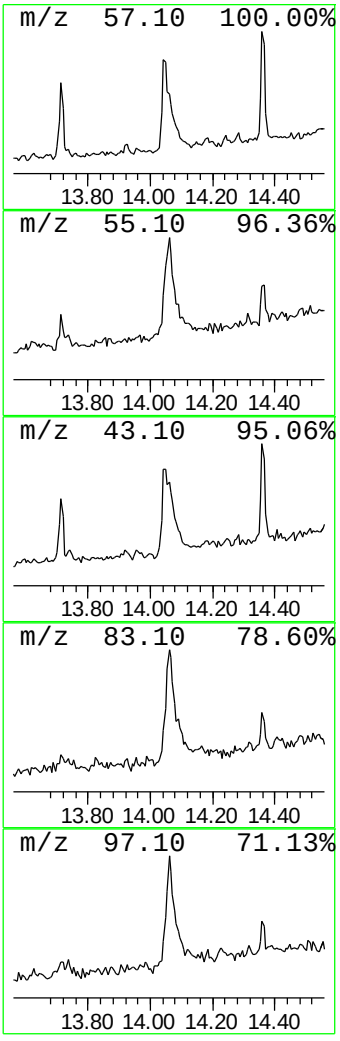
Peak Number 4 Z-12-Pentacosene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.06	6.88 ng	402349	Chrysene-d12	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Z-12-Pentacosene	350	C25H50	1000131-09-4	95
2	n-Nonadecanol-1	284	C19H40O	001454-84-8	95
3	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
4	1-Heneicosanol	312	C21H44O	015594-90-8	93
5	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	93





Library Search Compound Report

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Data File : BF108130.D
Acq On : 13 Aug 2018 21:37
Operator : JU/SJ
Sample : J4442-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-1-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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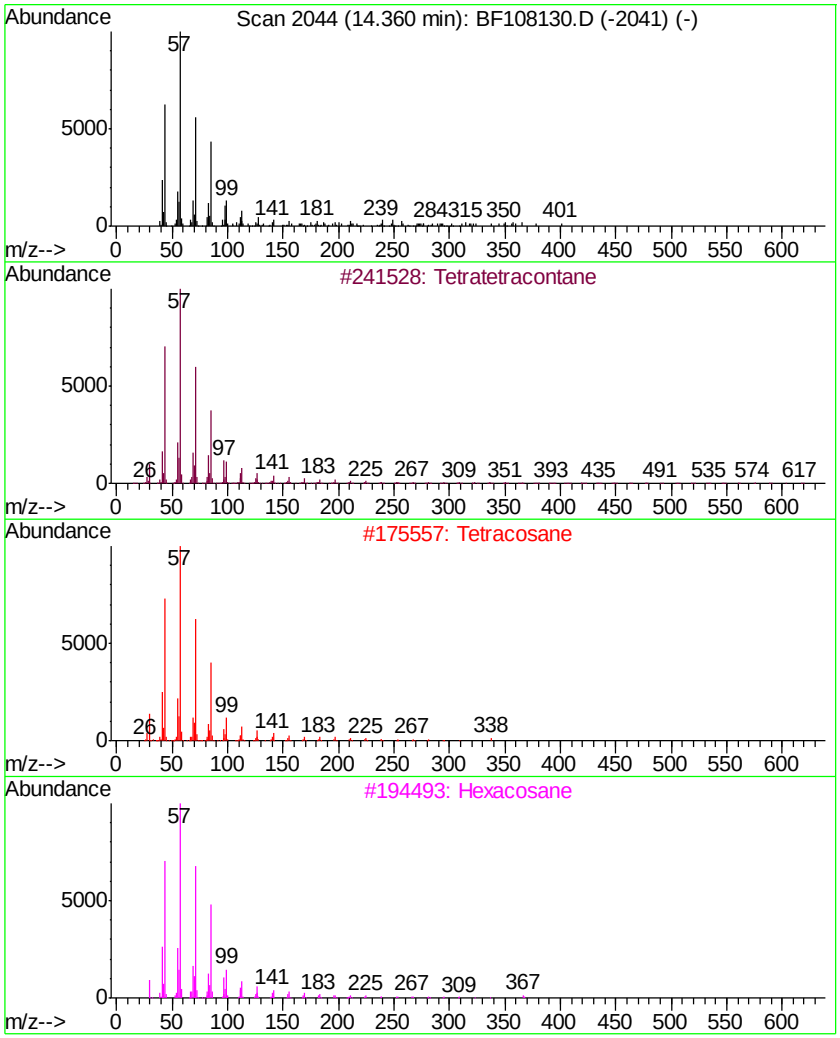
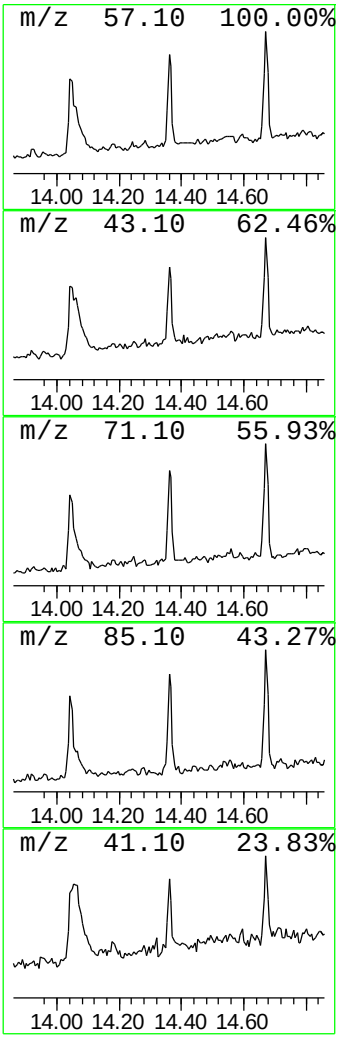
Peak Number 5 Tetratetracontane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.36	2.06 ng	120685	Chrysene-d12	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratetracontane	619	C44H90	007098-22-8	87
2	Tetracosane	338	C24H50	000646-31-1	87
3	Hexacosane	366	C26H54	000630-01-3	87
4	Octadecane	254	C18H38	000593-45-3	83
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	83





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Operator : JU/SJ
Sample : J4442-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-1-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
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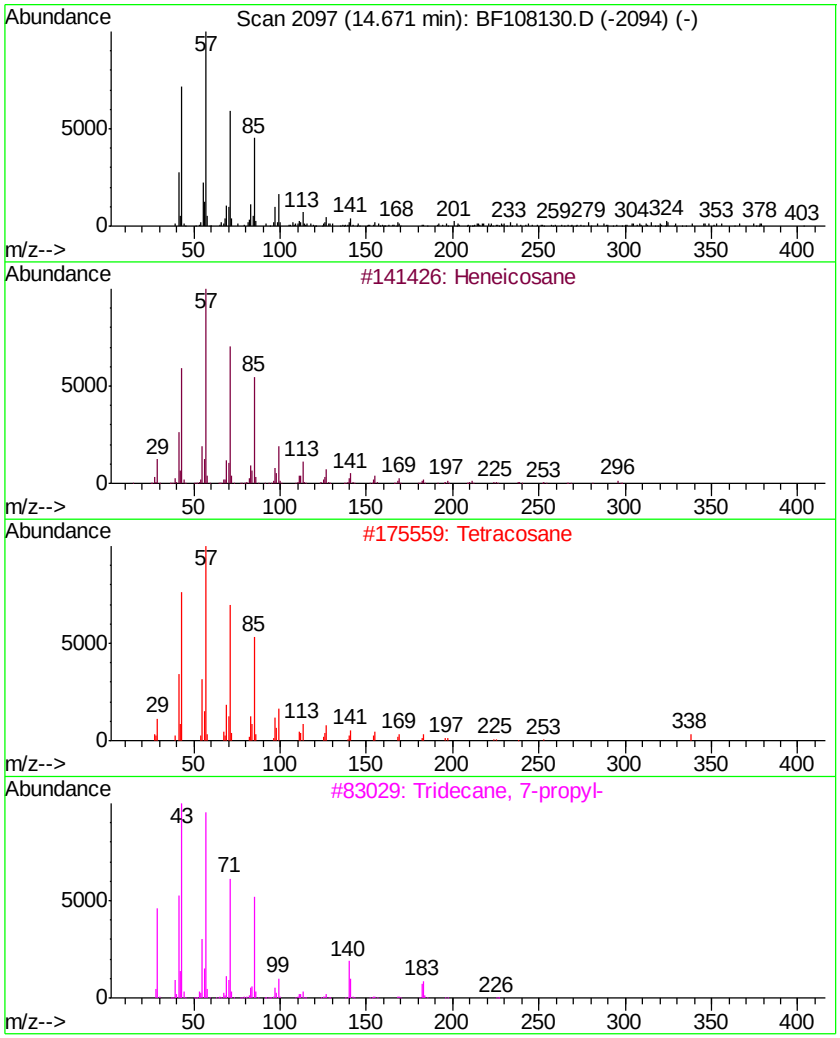
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

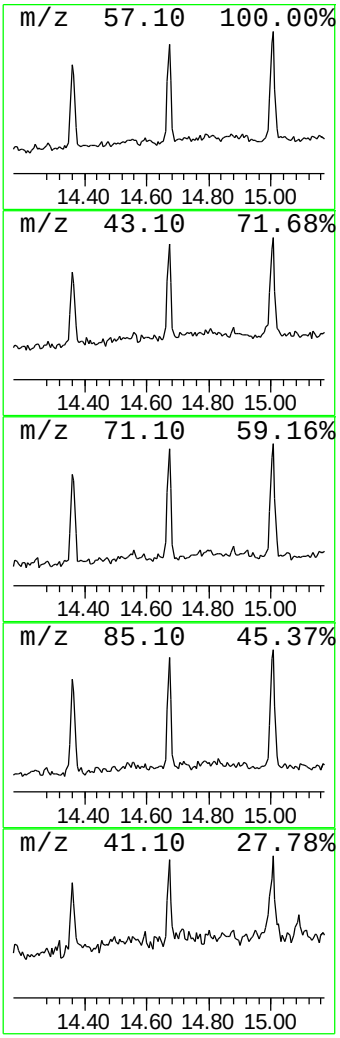
****

Peak Number 6 Heneicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.67	2.37 ng	138721	Chrysene-d12	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	86
2	Tetracosane	338	C24H50	000646-31-1	86
3	Tridecane, 7-propyl-	226	C16H34	055045-09-5	86
4	Heptadecane	240	C17H36	000629-78-7	86
5	Octadecane, 2-methyl-	268	C19H40	001560-88-9	86





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Sample : J4442-01
Misc :
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Instrument : BNA_F
ClientSampleId : SP-1-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

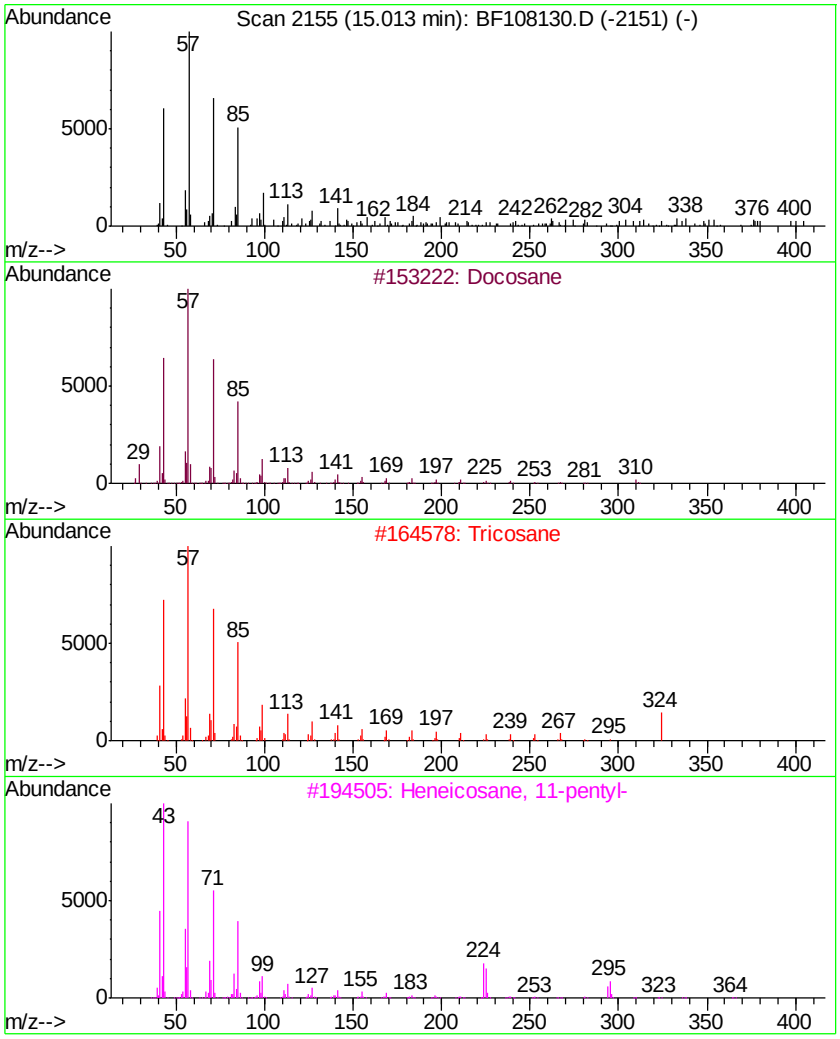
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

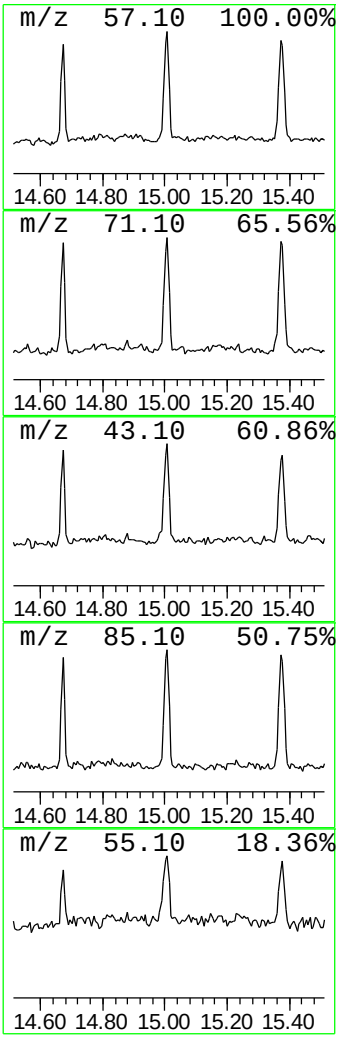
****

Peak Number 7 Docosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.01	2.89 ng	168889	Chrysene-d12	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	91
2	Tricosane	324	C23H48	000638-67-5	87
3	Heneicosane, 11-pentyl-	366	C26H54	014739-72-1	83
4	Octacosane	394	C28H58	000630-02-4	83
5	Tetracosane	338	C24H50	000646-31-1	83





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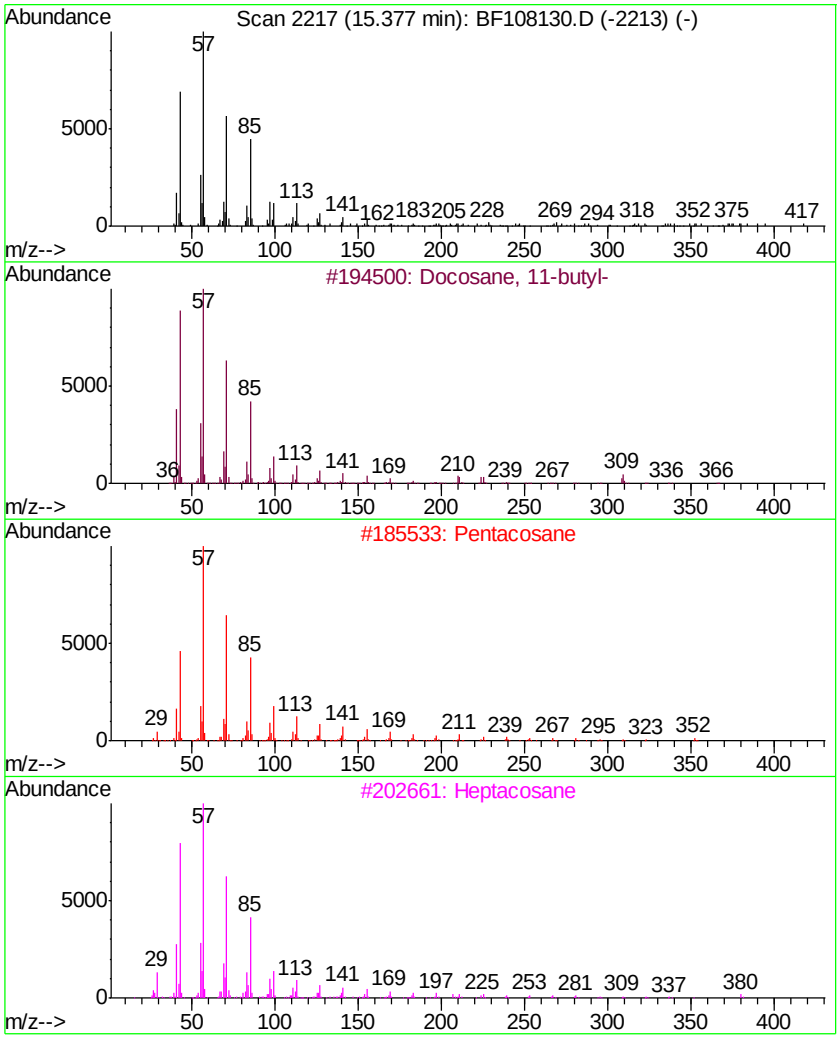
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

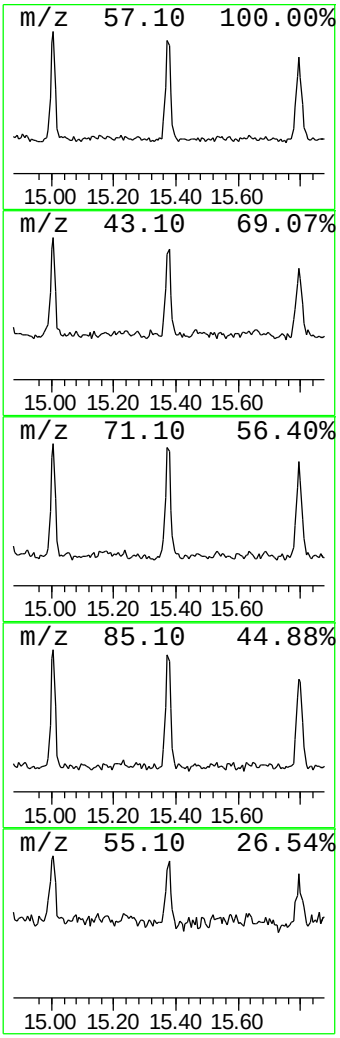
****

Peak Number 8 Docosane, 11-butyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.38	4.21 ng	182137	Perylene-d12	15.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane, 11-butyl-	366	C26H54	013475-76-8	94
2	Pentacosane	352	C25H52	000629-99-2	93
3	Heptacosane	380	C27H56	000593-49-7	90
4	Hexacosane	366	C26H54	000630-01-3	87
5	Tridecane, 6-propyl-	226	C16H34	055045-10-8	87





Tentatively Identified Compound (LSC) summary

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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.26	14.2	ng	762281	1	7.02	1075060	20.0
unknown6.79	6.79	72.1	ng	3876720	1	7.02	1075060	20.0
Z-12-Pentacosene	14.06	6.9	ng	402349	5	14.23	1169020	20.0
Tetratetracontane	14.36	2.1	ng	120685	5	14.23	1169020	20.0
Heneicosane	14.67	2.4	ng	138721	5	14.23	1169020	20.0
Docosane	15.01	2.9	ng	168889	5	14.23	1169020	20.0
Docosane, 11-butyl-	15.38	4.2	ng	182137	6	15.81	865364	20.0