LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022819\
Data File : BM018974.D
Acq On : 28 Feb 2019 18:02
Operator : JU/SJ
Sample : K1638-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PE-4(NORTH-SITE-WALL)

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_M\METHODS\8270-BM021119.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	5.281	367	373	388	rBV	3828468	5726584	49.54%	7.553%
2	6.864	635	642	660	rBV	4137212	7010878	60.65%	9.247%
3	7.222	695	703	720	rBV	4165571	6653736	57.56%	8.776%
4	7.687	775	782	789	rBV	913836	1449631	12.54%	1.912%
5	8.005	828	836	846	rBV	2800437	4573408	39.57%	6.032%
6	8.857	973	981	995	rBV	2258607	3927757	33.98%	5.181%
7	10.475	1248	1256	1275	rVB	1227952	2122232	18.36%	2.799%
8	11.516	1426	1433	1446	rBV	91632	261933	2.27%	0.345%
9	12.951	1670	1677	1691	rBV	5698270	8240964	71.30%	10.870%
10	13.798	1816	1821	1833	rBV	329511	505257	4.37%	0.666%
11	14.339	1906	1913	1926	rVB2	1836284	2817747	24.38%	3.717%
12	15.834	2161	2167	2185	rBV	4915548	7306157	63.21%	9.637%
13	17.092	2374	2381	2394	rBV	2394857	3410967	29.51%	4.499%
14	17.980	2527	2532	2543	rBV	543393	807229	6.98%	1.065%
15	19.263	2746	2750	2760	rBV	152303	252429	2.18%	0.333%
16	19.727	2823	2829	2836	rBV	9922880	11558820	100.00%	15.246%
17	20.986	3039	3043	3053	rBV	853324	1121049	9.70%	1.479%
18	21.286	3089	3094	3104	rBV	2850289	3601987	31.16%	4.751%
19	21.421	3114	3117	3122	rBV	146977	163726	1.42%	0.216%
20	21.851	3187	3190	3193	rBV	208265	248186	2.15%	0.327%
21	22.315	3265	3269	3275	rVB2	284793	404272	3.50%	0.533%
22	22.821	3351	3355	3359	rBV	250341	348393	3.01%	0.460%
23	23.386	3448	3451	3456	rVB	204560	308838	2.67%	0.407%
24	23.539	3470	3477	3489	rVB2	1497587	2993078	25.89%	3.948%

Sum of corrected areas: 75815258

LSC Report - Integrated Chromatogram

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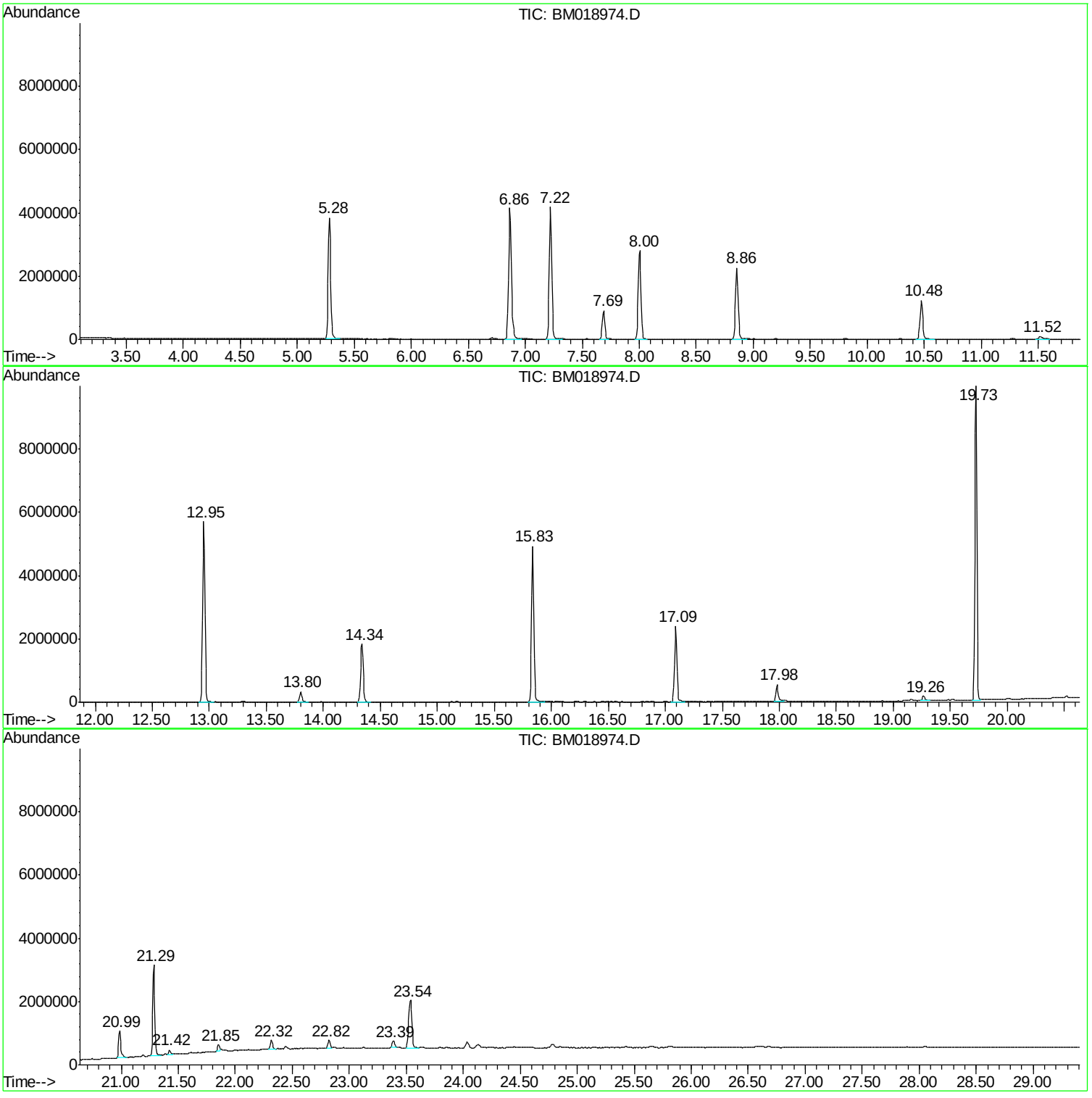
Sample : K1638-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PE-4(NORTH-SITE-WALL)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.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:\SVOASRV\HPCHEM1\BNA M\DATA\BM022819\
Data File : BM018974.D
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Operator : JU/SJ
Sample : K1638-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PE-4(NORTH-SITE-WALL)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

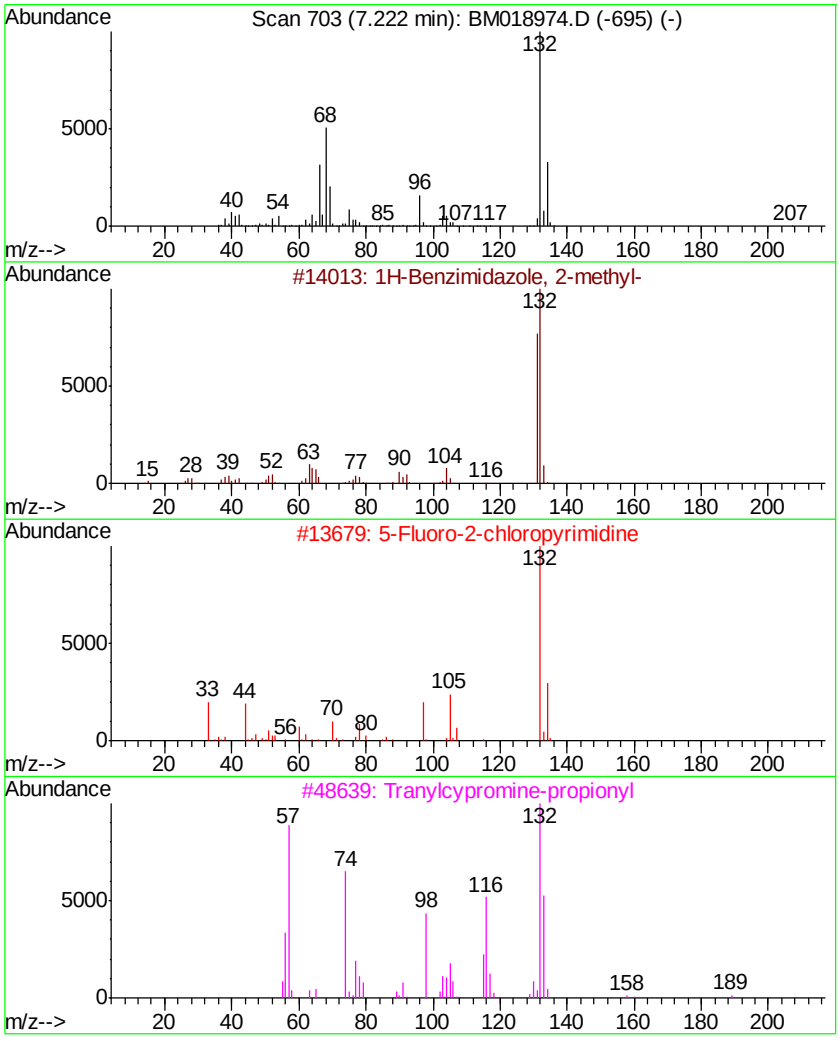
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

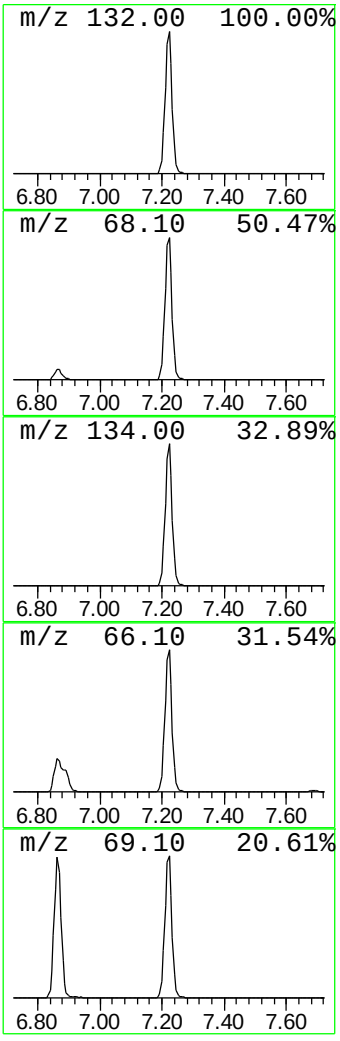
****

Peak Number 1 unknown7.22 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.22	91.80 ng	6653740	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
5	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	9





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Misc :
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Instrument : BNA_M
ClientSampleId : PE-4(NORTH-SITE-WALL)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.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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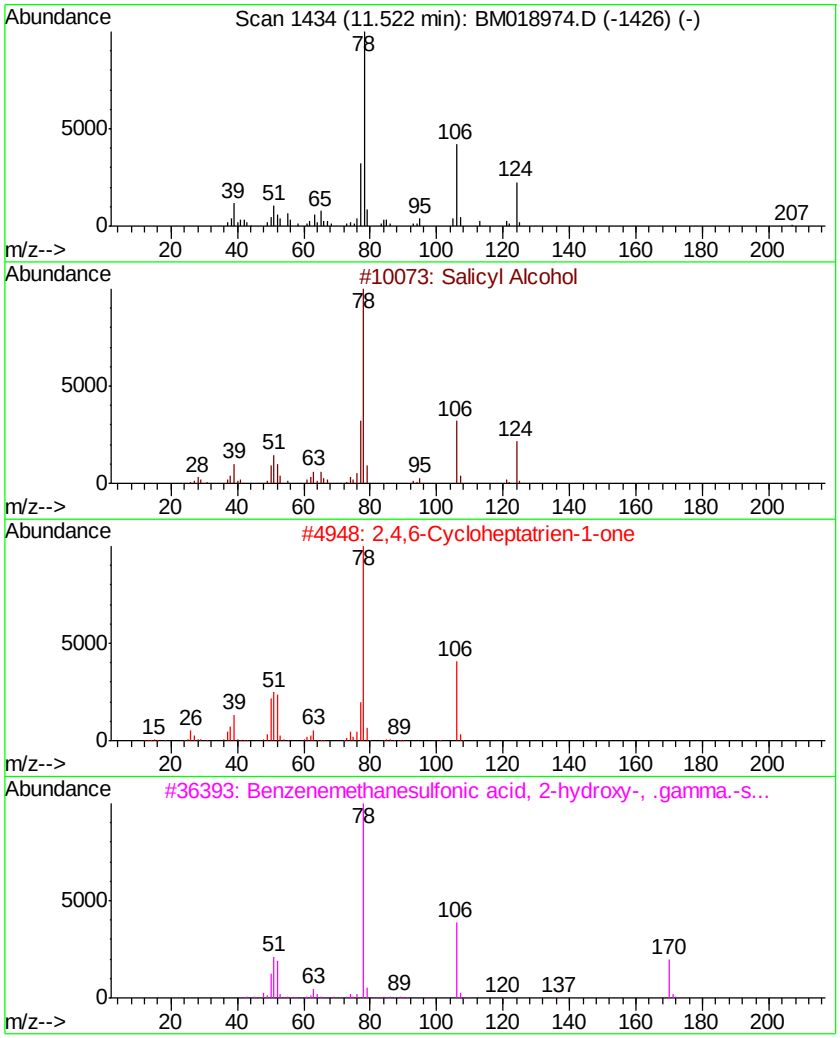
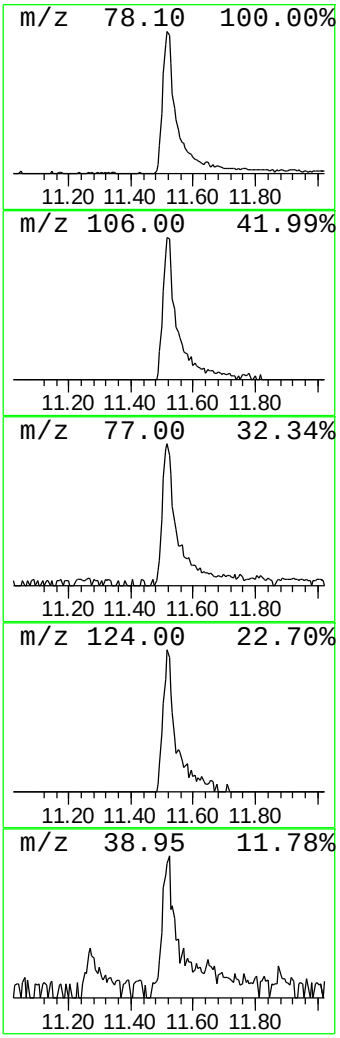
Peak Number 3 Salicyl Alcohol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.52	2.47 ng	261933	Naphthalene-d8	10.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Salicyl Alcohol	124	C7H8O2	000090-01-7	97
2	2,4,6-Cycloheptatrien-1-one	106	C7H6O	000539-80-0	78
3	Benzenemethanesulfonic acid, 2-h...	170	C7H6O3S	010284-44-3	78
4	2-Coumaranone	134	C8H6O2	000553-86-6	78
5	Benzene	78	C6H6	000071-43-2	72





Library Search Compound Report

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Operator : JU/SJ
Sample : K1638-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PE-4(NORTH-SITE-WALL)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
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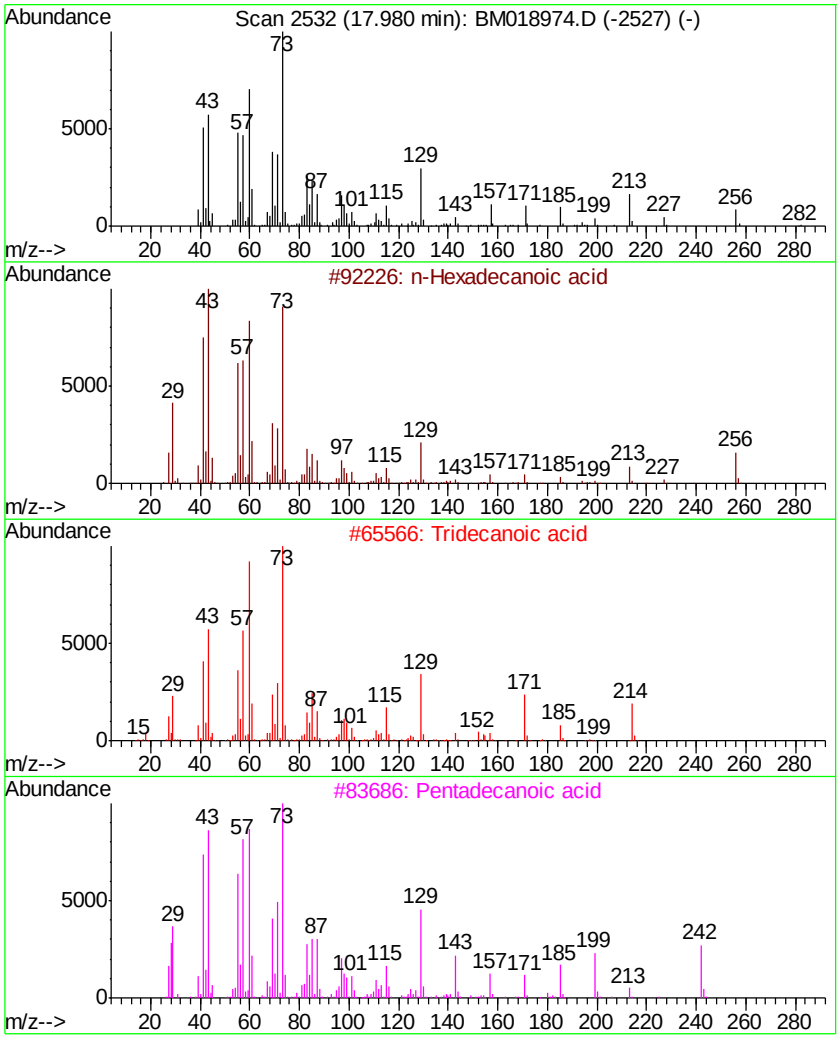
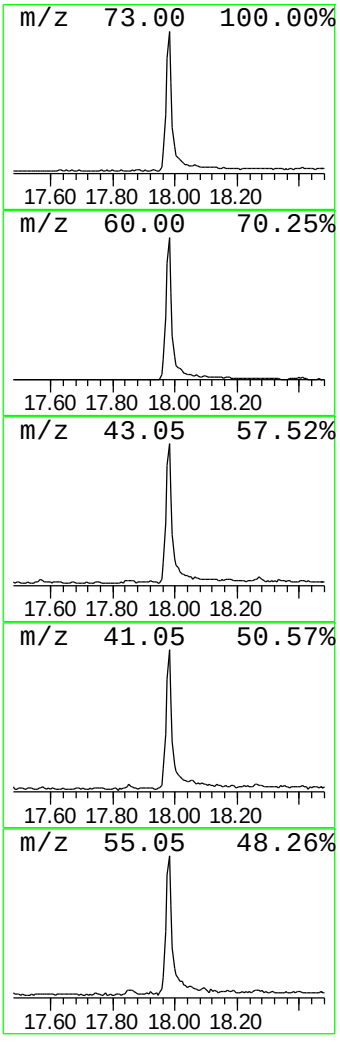
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.98	4.73 ng	807229	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	72
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	72
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	59
5	n-Decanoic acid	172	C10H20O2	000334-48-5	47





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Data File : BM018974.D
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Operator : JU/SJ
Sample : K1638-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PE-4(NORTH-SITE-WALL)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
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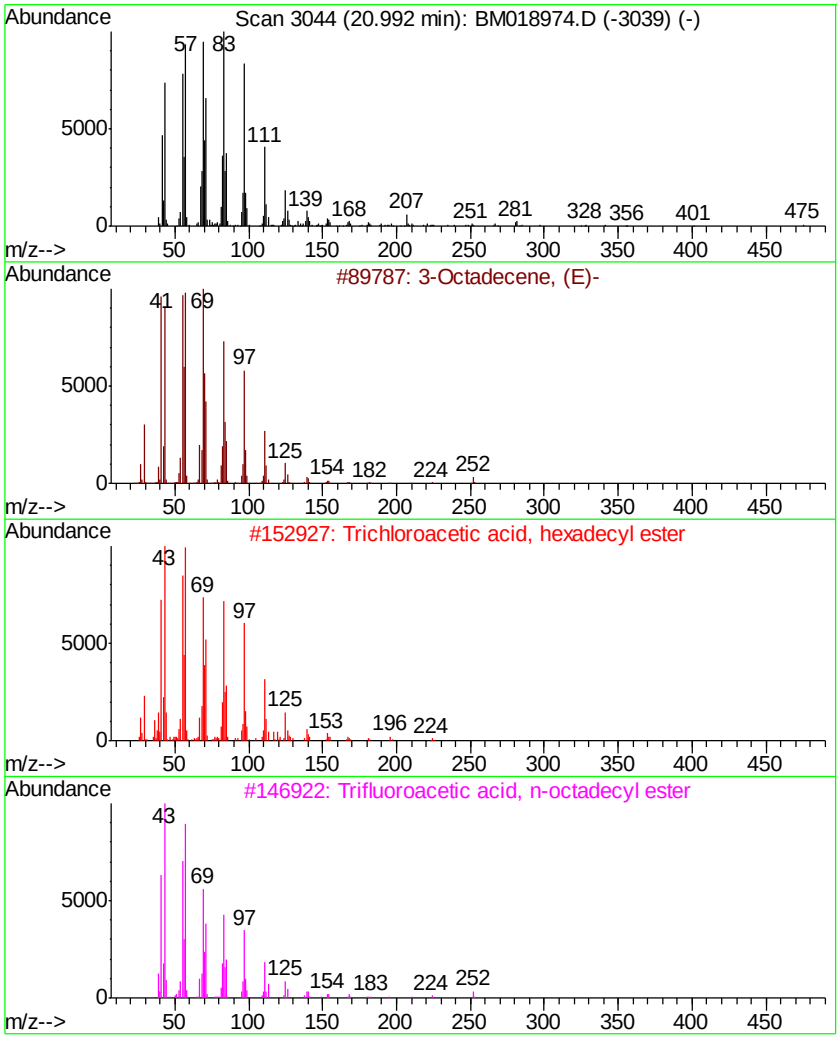
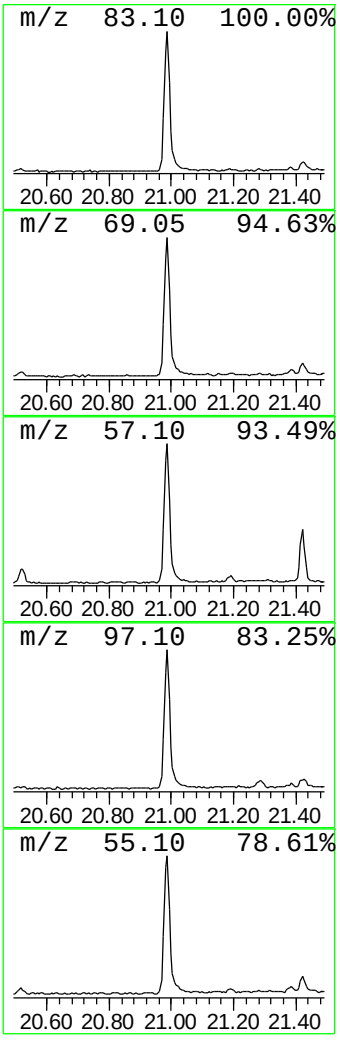
****

Peak Number 5 3-Octadecene, (E)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.99	6.22 ng	1121050	Chrysene-d12	21.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Octadecene, (E)-	252	C18H36	007206-19-1	94
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
3	Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	91
4	3-Eicosene, (E)-	280	C20H40	074685-33-9	90
5	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	87





Library Search Compound Report

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BNA_M
ClientSampleId :
PE-4(NORTH-SITE-WALL)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
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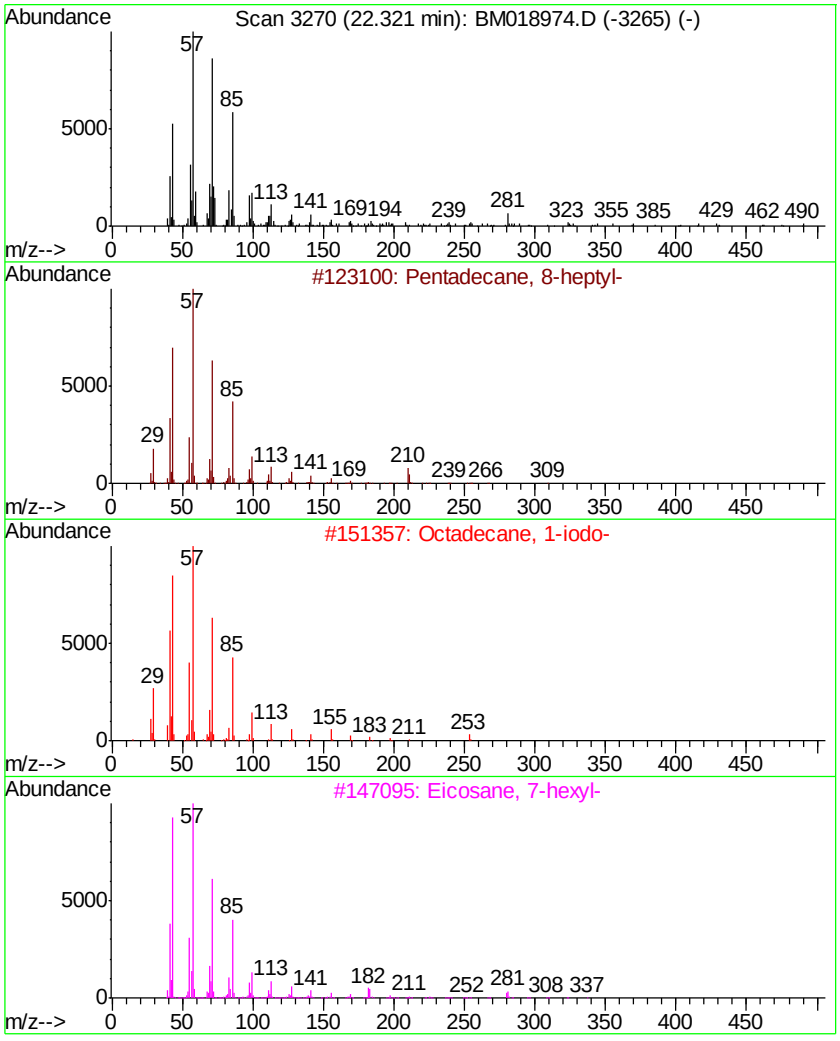
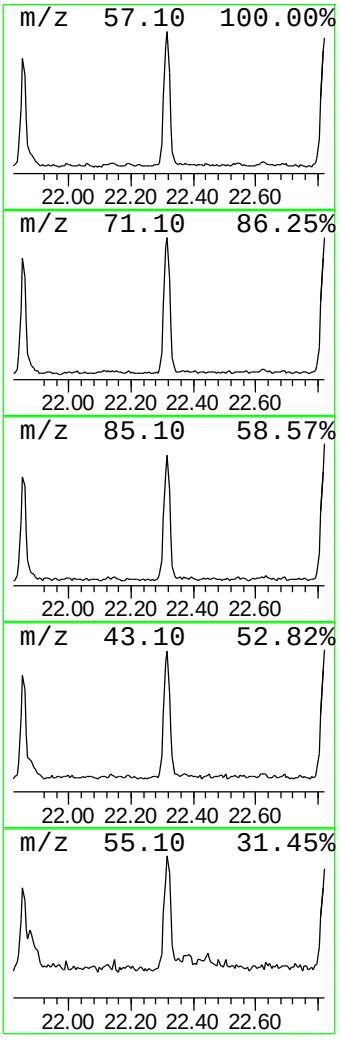
****

Peak Number 6 Pentadecane, 8-heptyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.32	2.24 ng	404272	Chrysene-d12	21.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	87
2	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	86
3	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	86
4	Tetratriacontane	479	C34H70	014167-59-0	86
5	Octadecane	254	C18H38	000593-45-3	83





Library Search Compound Report

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BNA_M
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PE-4(NORTH-SITE-WALL)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
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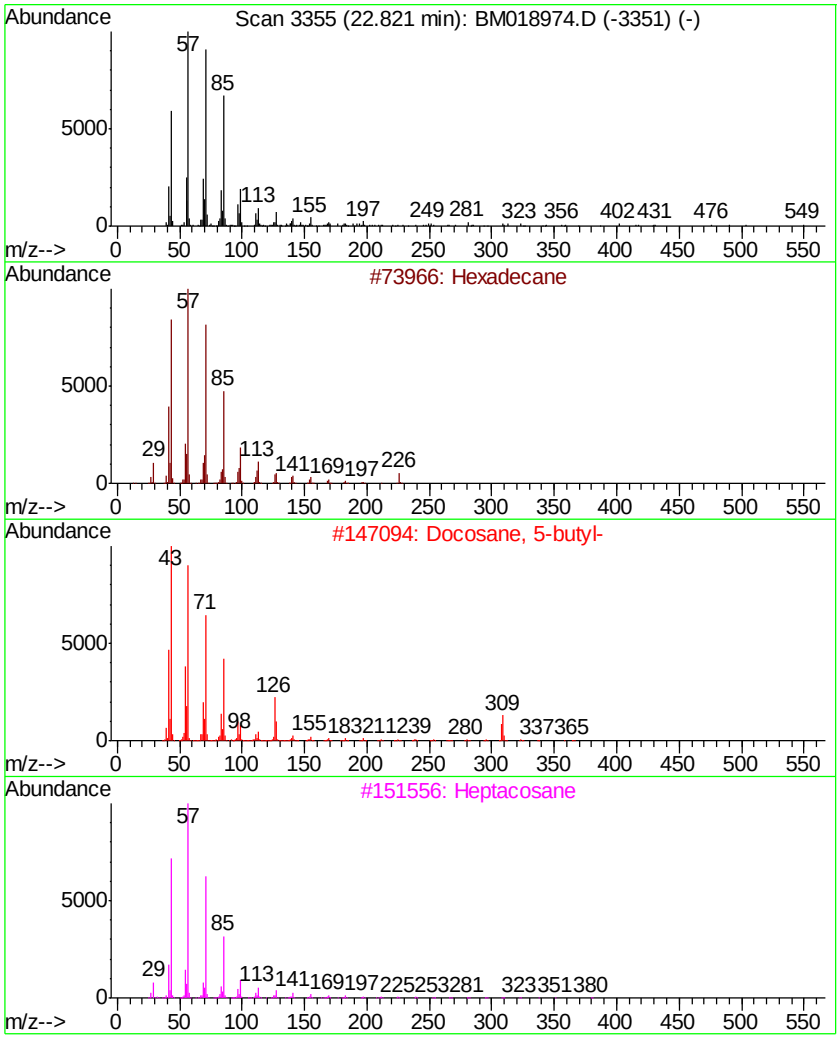
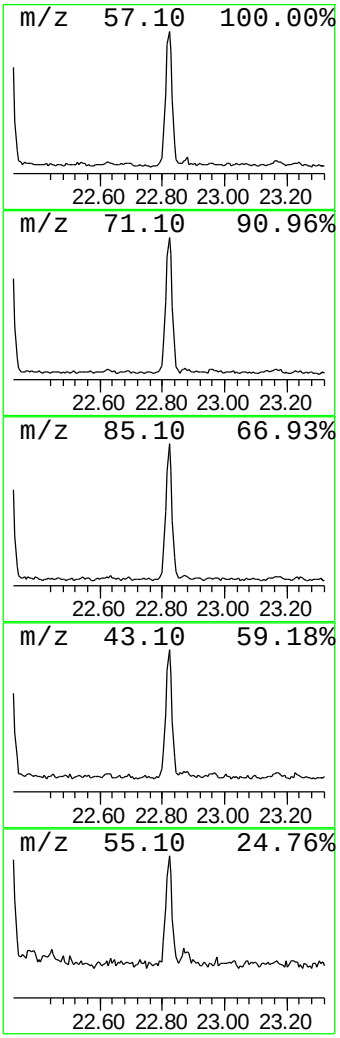
Peak Number 7 Hexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.82	2.33 ng	348393	Perylene-d12	23.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	86
2	Docosane, 5-butyl-	366	C26H54	055282-16-1	86
3	Heptacosane	380	C27H56	000593-49-7	81
4	Dodecane	170	C12H26	000112-40-3	80
5	Tridecane, 3-ethyl-	212	C15H32	013286-73-2	80





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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
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TIC Library : C:\DATABASE\NIST02.L
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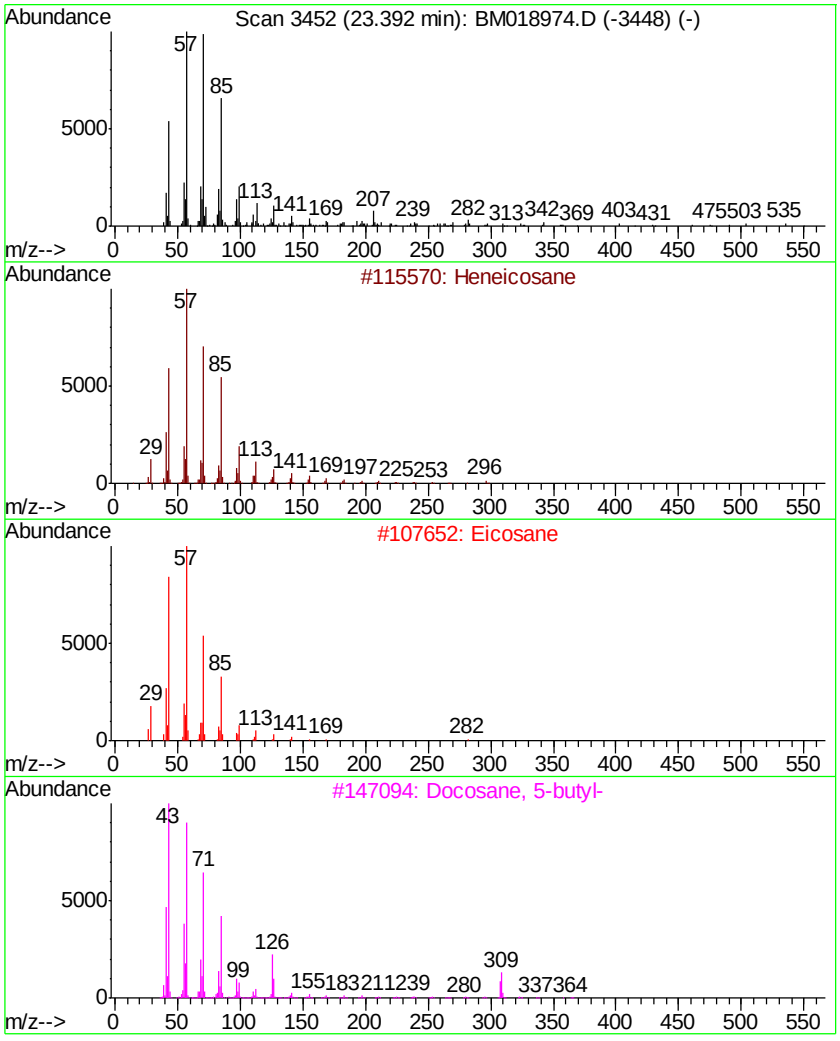
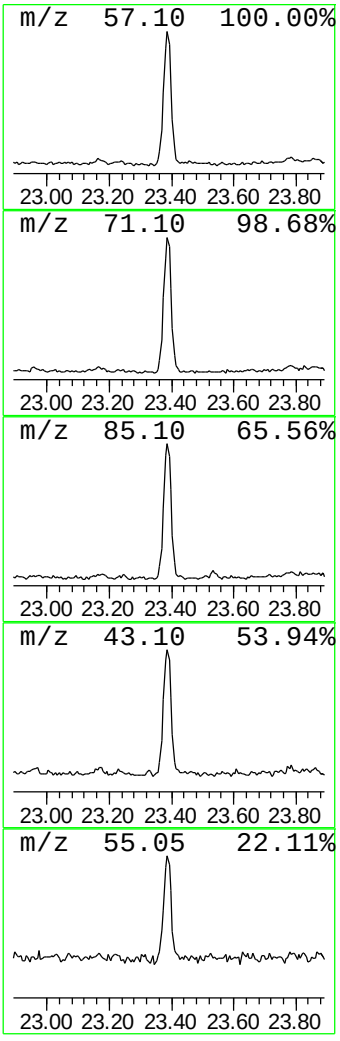
Peak Number 8 Heneicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.39	2.06 ng	308838	Perylene-d12	23.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Eicosane	282	C20H42	000112-95-8	87
3	Docosane, 5-butyl-	366	C26H54	055282-16-1	86
4	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	83
5	Octacosane	394	C28H58	000630-02-4	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
unknown7.22	7.22	91.8	ng	6653740	1	7.69	1449630	20.0
Salicyl Alcohol	11.52	2.5	ng	261933	2	10.48	2122230	20.0
n-Hexadecanoic acid	17.98	4.7	ng	807229	4	17.09	3410970	20.0
3-Octadecene, (E)-	20.99	6.2	ng	1121050	5	21.29	3601990	20.0
Pentadecane, 8-he...	22.32	2.2	ng	404272	5	21.29	3601990	20.0
Hexadecane	22.82	2.3	ng	348393	6	23.54	2993080	20.0
Heneicosane	23.39	2.1	ng	308838	6	23.54	2993080	20.0