LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022819\
Data File : BM018972.D
Acq On : 28 Feb 2019 16:50
Operator : JU/SJ
Sample : K1638-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PE-2(SOUTH-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	366	373	388	rBV	4020873	6065990	48.44%	7.364%
2	6.863	635	642	656	rBV	4347222	7023511	56.08%	8.527%
3	7.222	695	703	721	rBV	4489967	7083930	56.56%	8.600%
4	7.686	775	782	789	rBV	988001	1563366	12.48%	1.898%
5	8.004	825	836	846	rBV	3013032	4850486	38.73%	5.889%
6	8.857	972	981	997	rBV	2465195	4172292	33.32%	5.065%
7	10.475	1248	1256	1269	rBV	1331566	2297711	18.35%	2.789%
8	12.951	1670	1677	1691	rBV	5734518	8654585	69.11%	10.507%
9	13.639	1788	1794	1799	rBV2	109741	152688	1.22%	0.185%
10	13.804	1816	1822	1833	rBV	257075	384521	3.07%	0.467%
11	14.339	1906	1913	1929	rVB2	2038927	3095785	24.72%	3.758%
12	15.839	2161	2168	2185	rBV	5448471	7886651	62.97%	9.575%
13	17.092	2375	2381	2387	rBV	2672566	3703582	29.57%	4.496%
14	17.980	2527	2532	2542	rBV	853341	1219592	9.74%	1.481%
15	18.709	2652	2656	2662	rVB	172726	224047	1.79%	0.272%
16	19.109	2719	2724	2728	rBV5	85229	129143	1.03%	0.157%
17	19.156	2728	2732	2738	rVB	142951	214356	1.71%	0.260%
18	19.268	2746	2751	2760	rBV	279619	452834	3.62%	0.550%
19	19.521	2791	2794	2802	rVB	128897	191065	1.53%	0.232%
20	19.727	2823	2829	2834	rBV	10250598	12523567	100.00%	15.204%
21	20.986	3039	3043	3053	rBV	556902	776308	6.20%	0.942%
22	21.286	3088	3094	3099	rBV	3293754	4304224	34.37%	5.225%
23	21.427	3115	3118	3122	rBV	123643	151732	1.21%	0.184%
24	21.856	3188	3191	3194	rBV	171185	198899	1.59%	0.241%
25	22.321	3267	3270	3277	rVB3	246857	354411	2.83%	0.430%
26	22.821	3352	3355	3359	rBV	250828	366883	2.93%	0.445%
27	23.538	3471	3477	3491	rVB	1881229	3439483	27.46%	4.176%
28	24.038	3557	3562	3568	rVB	499855	889677	7.10%	1.080%

Sum of corrected areas: 82371319

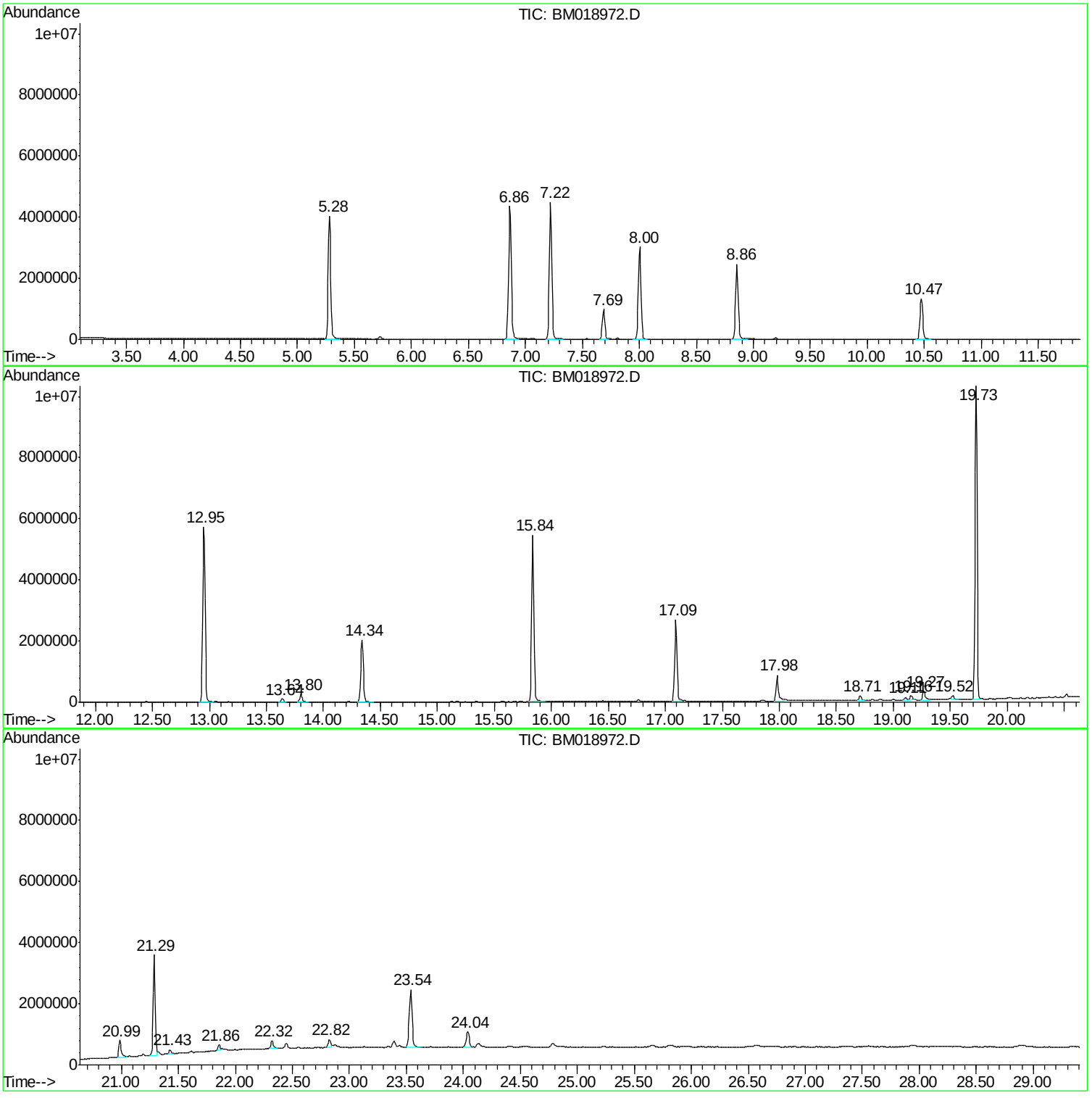
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022819\
Data File : BM018972.D
Acq On : 28 Feb 2019 16:50
Operator : JU/SJ
Sample : K1638-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PE-2(SOUTH-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

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Data File : BM018972.D
Acq On : 28 Feb 2019 16:50
Operator : JU/SJ
Sample : K1638-02
Misc :
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Instrument : BNA_M
ClientSampleId : PE-2(SOUTH-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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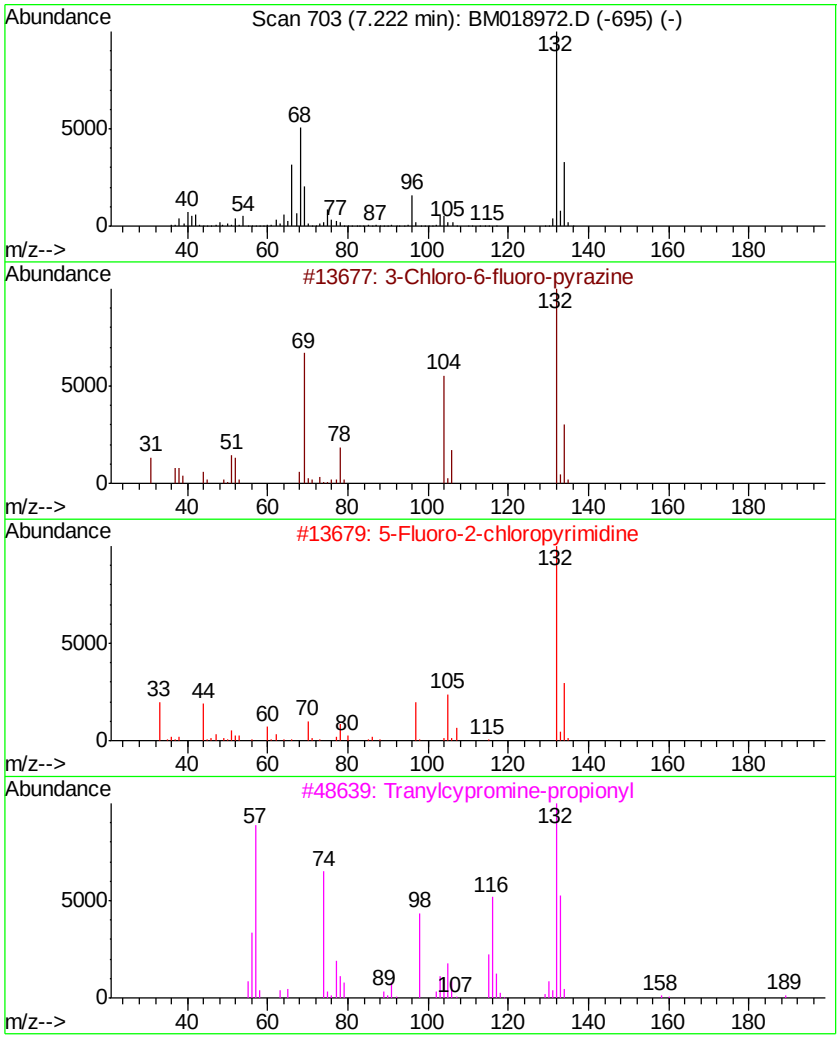
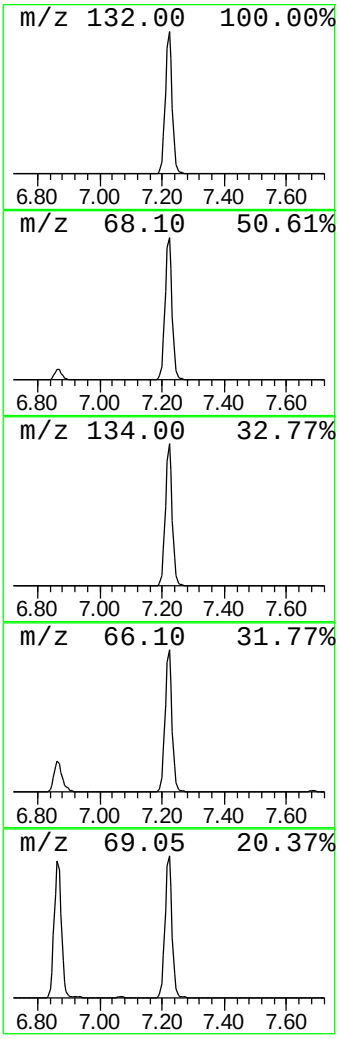
Peak Number 1 unknown7.22 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.22	90.62 ng	7083930	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	11
5	Xenon	132	Xe	007440-63-3	9





Library Search Compound Report

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Misc :
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Instrument : BNA_M
ClientSampleId : PE-2(SOUTH-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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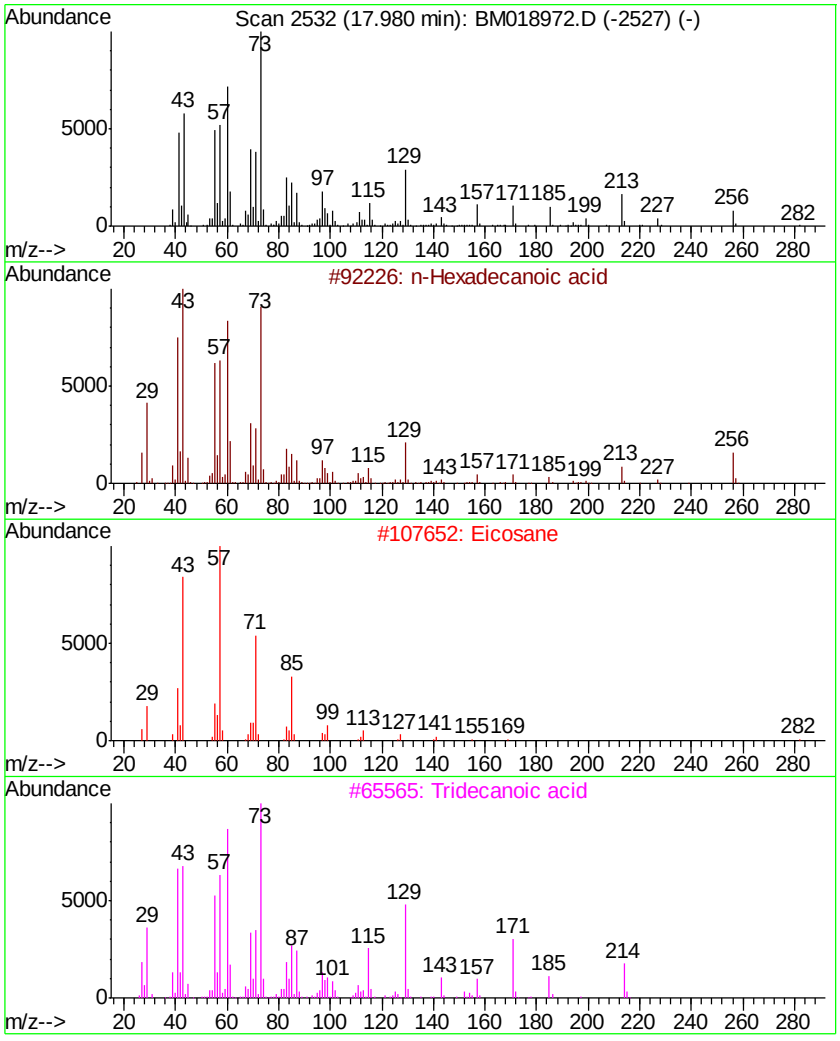
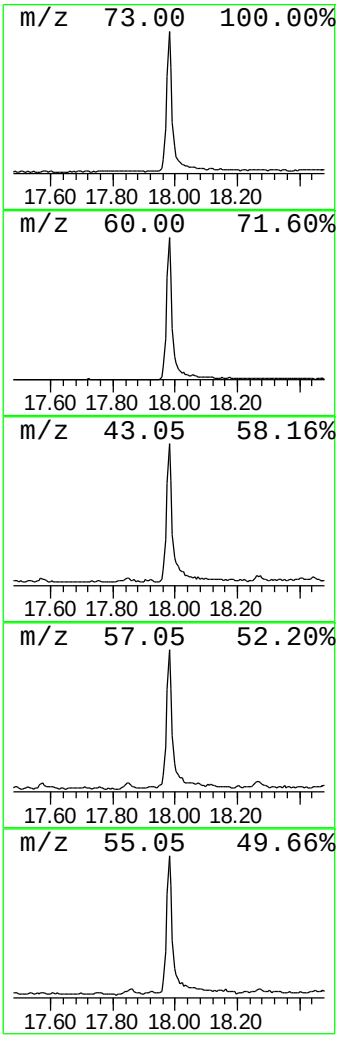
Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.98	6.59 ng	1219590	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Eicosane	282	C20H42	000112-95-8	64
3	Tridecanoic acid	214	C13H26O2	000638-53-9	50
4	Dodecane	170	C12H26	000112-40-3	25
5	Tetradecane	198	C14H30	000629-59-4	18





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022819\
Data File : BM018972.D
Acq On : 28 Feb 2019 16:50
Operator : JU/SJ
Sample : K1638-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PE-2(SOUTH-SITE-WALL)

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

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TIC Integration Parameters: LSCINT.P

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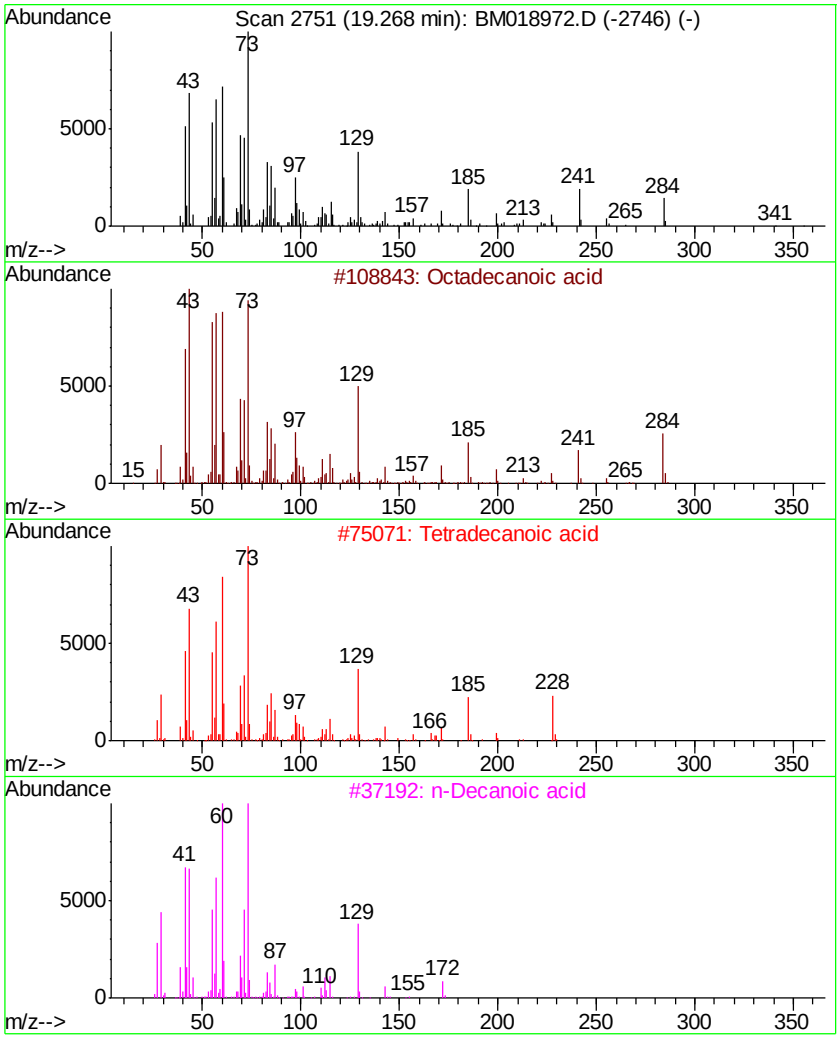
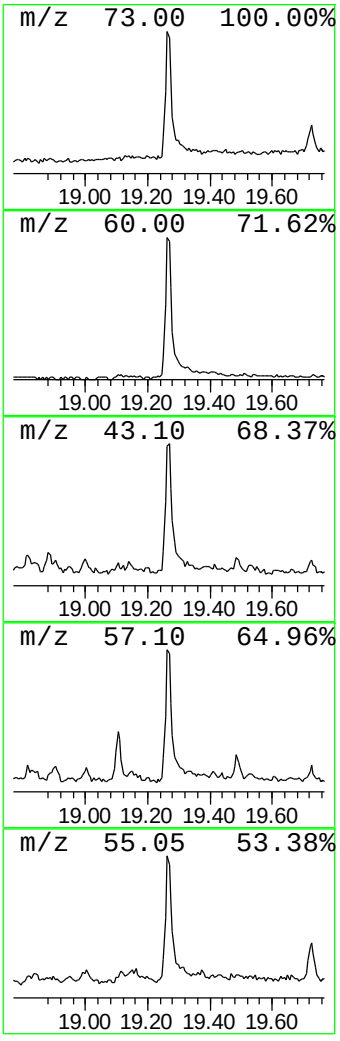
Peak Number 4 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.27	2.10 ng	452834	Chrysene-d12	21.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	96
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	89
3	n-Decanoic acid	172	C10H20O2	000334-48-5	58
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	58
5	Ethanol, 2-(octadecyloxy)-	314	C20H42O2	002136-72-3	20





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022819\
Data File : BM018972.D
Acq On : 28 Feb 2019 16:50
Operator : JU/SJ
Sample : K1638-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PE-2(SOUTH-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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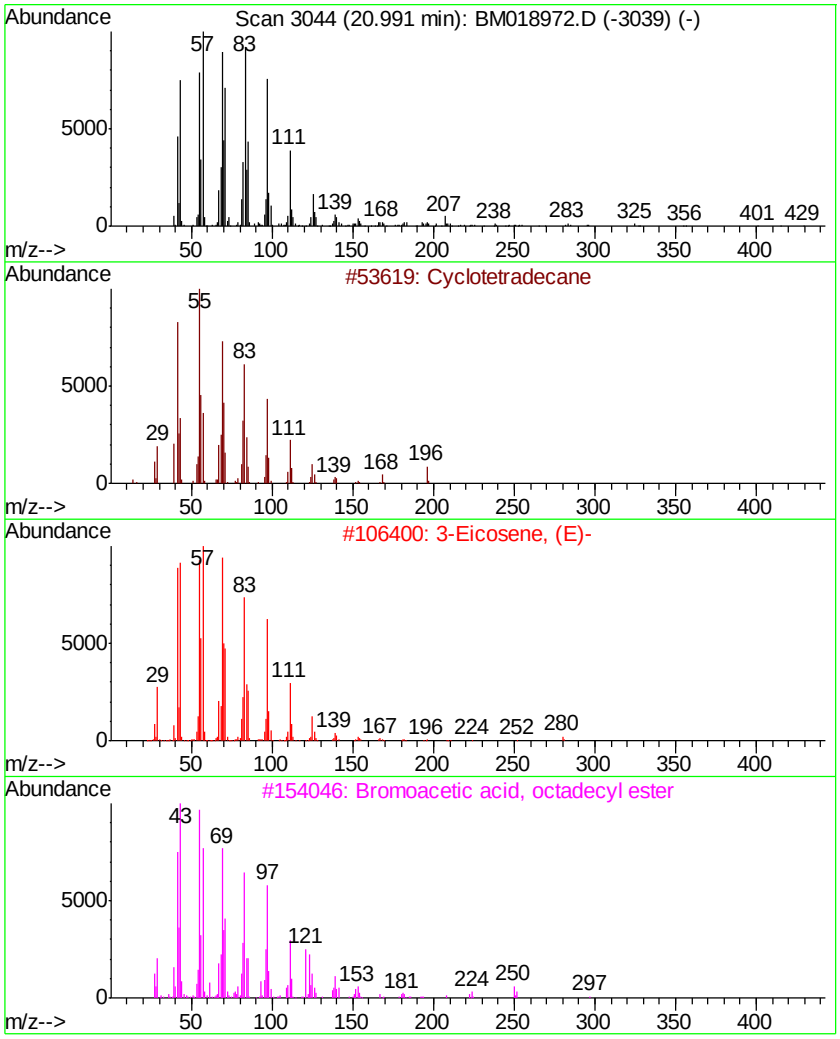
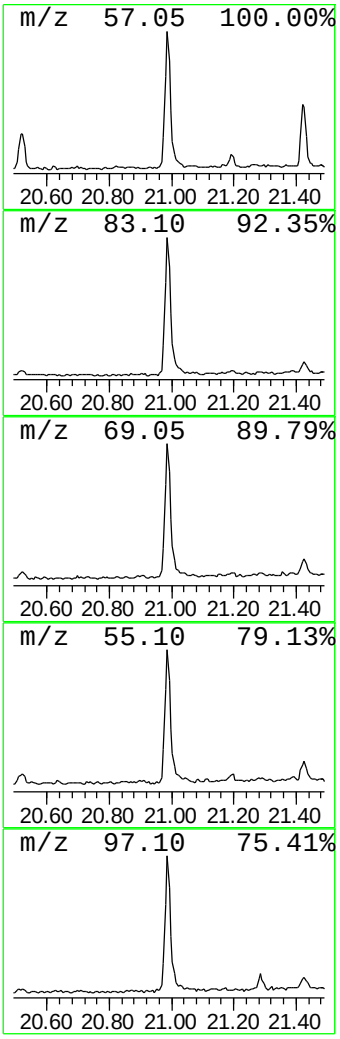
Peak Number 5 Cyclotetradecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.99	3.61 ng	776308	Chrysene-d12	21.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetradecane	196	C14H28	000295-17-0	90
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	87
3	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	83
4	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	83
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	83





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022819\
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Acq On : 28 Feb 2019 16:50
Operator : JU/SJ
Sample : K1638-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PE-2(SOUTH-SITE-WALL)

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

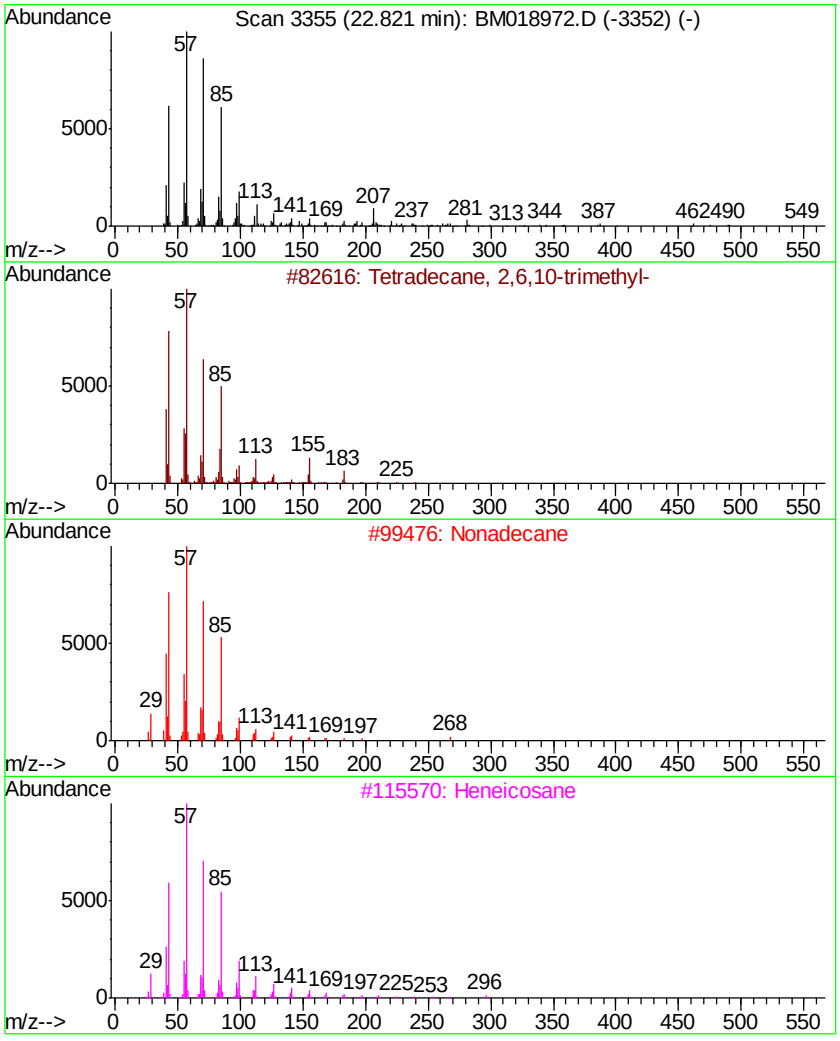
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

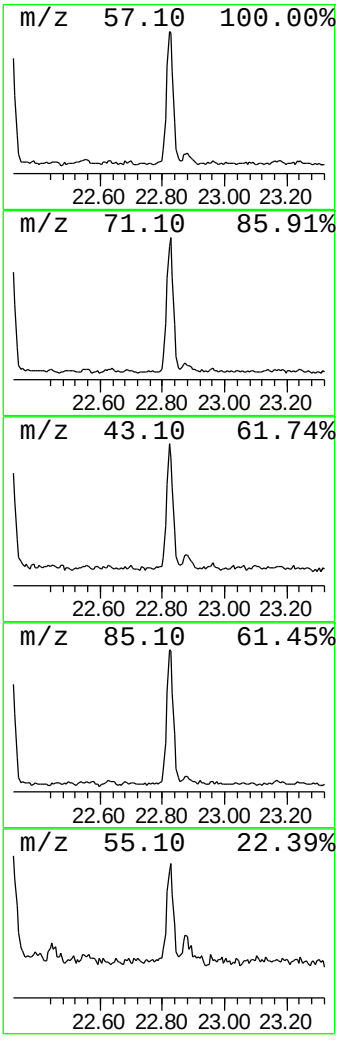
****

Peak Number 6 Tetradecane, 2,6,10-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.82	2.13 ng	366883	Perylene-d12	23.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	94
2	Nonadecane	268	C19H40	000629-92-5	94
3	Heneicosane	296	C21H44	000629-94-7	91
4	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	90
5	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	86





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022819\
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Sample : K1638-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PE-2(SOUTH-SITE-WALL)

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

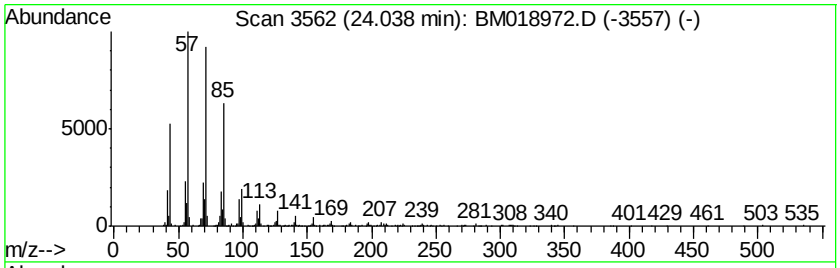
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

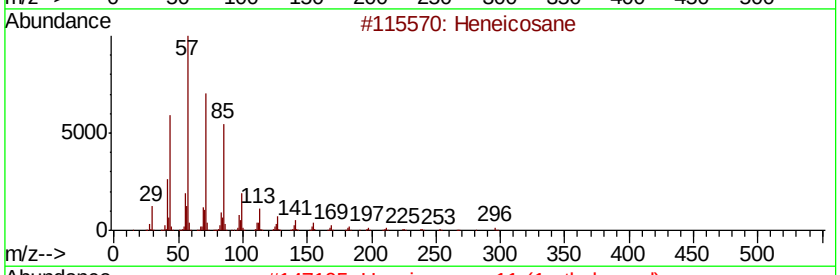
****

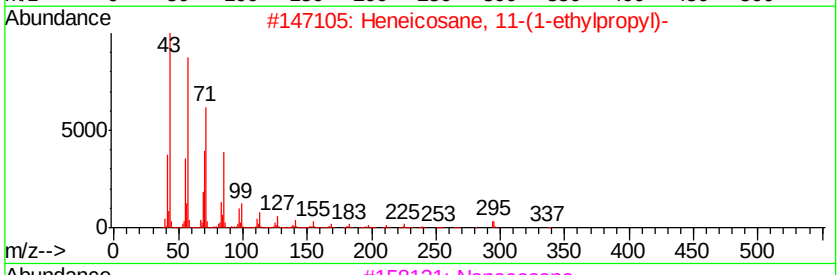
Peak Number 7 Heneicosane Concentration Rank 4

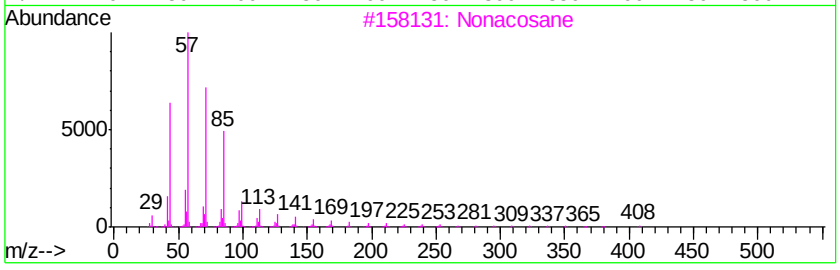
R.T.	EstConc	Area	Relative to ISTD	R.T.
24.04	5.17 ng	889677	Perylene-d12	23.54

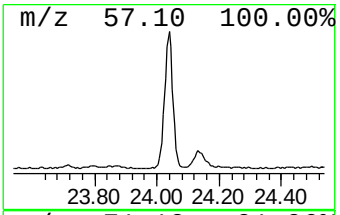
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
3	Nonacosane	408	C29H60	000630-03-5	90
4	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	87
5	Docosane, 5-butyl-	366	C26H54	055282-16-1	86

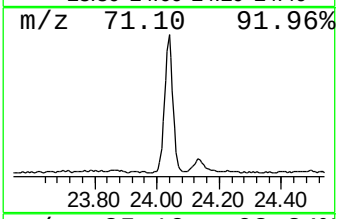


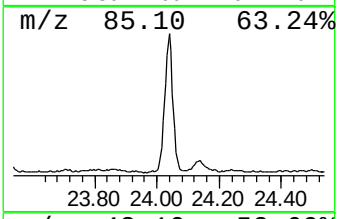


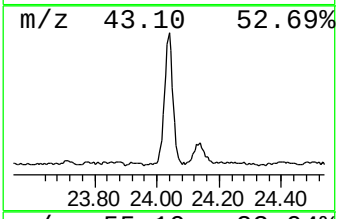


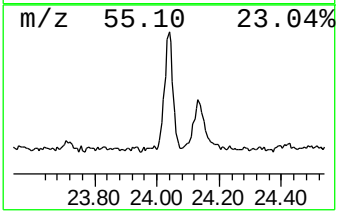












Tentatively Identified Compound (LSC) summary

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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	90.6	ng	7083930	1	7.69	1563370	20.0
n-Hexadecanoic acid	17.98	6.6	ng	1219590	4	17.09	3703580	20.0
Octadecanoic acid	19.27	2.1	ng	452834	5	21.29	4304220	20.0
Cyclotetradecane	20.99	3.6	ng	776308	5	21.29	4304220	20.0
Tetradecane, 2,6,...	22.82	2.1	ng	366883	6	23.54	3439480	20.0
Heneicosane	24.04	5.2	ng	889677	6	23.54	3439480	20.0