LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030119\
Data File : BM018988.D
Acq On : 01 Mar 2019 15:56
Operator : JU/SJ
Sample : K1649-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TRE-INTERIOR-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	5.275	366	372	389	rBV	4160450	6163235	14.09%	4.525%
2	6.863	635	642	661	rVB	4245229	6821561	15.59%	5.008%
3	7.216	695	702	710	rBV	4507507	7009650	16.02%	5.146%
4	7.293	710	715	727	rVV	1187583	1888997	4.32%	1.387%
5	7.681	775	781	789	rBV	1106878	1708808	3.91%	1.254%
6	7.999	828	835	844	rBV	3164447	4966225	11.35%	3.646%
7	8.852	972	980	994	rBV	2463733	4165839	9.52%	3.058%
8	10.469	1249	1255	1269	rVB	1449438	2395633	5.48%	1.759%
9	12.951	1669	1677	1689	rBV	6169641	9203356	21.04%	6.756%
10	14.334	1905	1912	1927	rVB2	2018999	3022538	6.91%	2.219%
11	15.833	2160	2167	2178	rBV	4522680	6259829	14.31%	4.595%
12	16.733	2314	2320	2332	rBV	2151996	3117052	7.13%	2.288%
13	17.086	2374	2380	2386	rBV	2339614	3279855	7.50%	2.408%
14	17.986	2527	2533	2540	rBV	3327088	4471418	10.22%	3.283%
15	18.069	2540	2547	2551	rVB2	29208564	43744303	100.00%	32.113%
16	19.269	2743	2751	2764	rBV2	3739475	5567094	12.73%	4.087%
17	19.721	2823	2828	2837	rVB	8278832	10106591	23.10%	7.419%
18	20.421	2943	2947	2952	rVB	449614	526840	1.20%	0.387%
19	20.980	3038	3042	3053	rBV	894866	1192495	2.73%	0.875%
20	21.186	3073	3077	3085	rBV	1040124	1206094	2.76%	0.885%
21	21.280	3088	3093	3099	rBV	2315520	2996156	6.85%	2.200%
22	21.851	3186	3190	3197	rBV	473988	643203	1.47%	0.472%
23	22.315	3265	3269	3277	rVB	558564	728644	1.67%	0.535%
24	22.815	3350	3354	3360	rVB	603156	830828	1.90%	0.610%
25	23.386	3446	3451	3460	rVB	491081	789332	1.80%	0.579%
26	23.533	3469	3476	3483	rBV	1446554	2741336	6.27%	2.012%
27	24.033	3556	3561	3567	rVB	382967	672163	1.54%	0.493%

Sum of corrected areas: 136219075

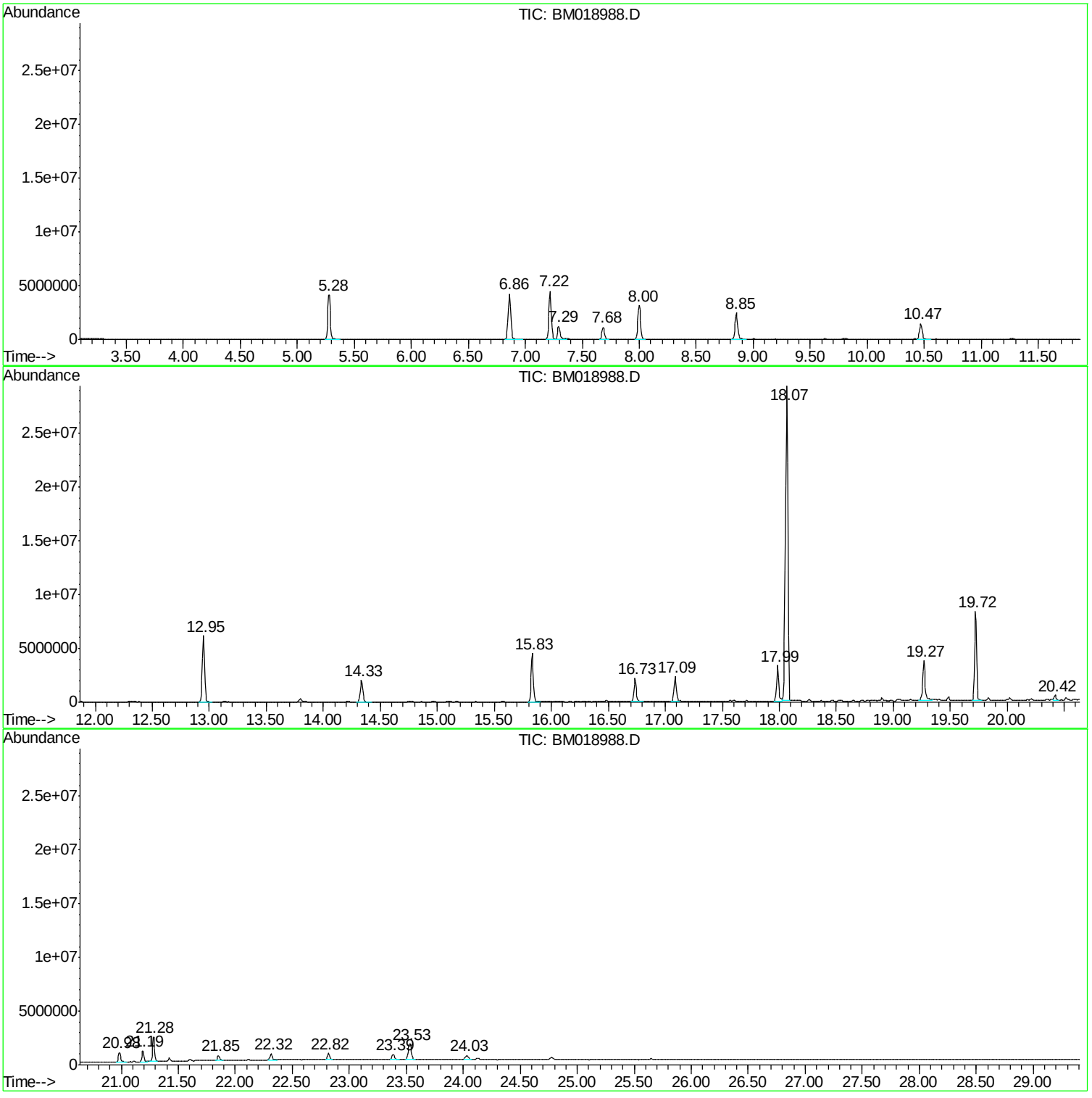
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030119\
Data File : BM018988.D
Acq On : 01 Mar 2019 15:56
Operator : JU/SJ
Sample : K1649-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TRE-INTERIOR-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\BM030119\
Data File : BM018988.D
Acq On : 01 Mar 2019 15:56
Operator : JU/SJ
Sample : K1649-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TRE-INTERIOR-WALL

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

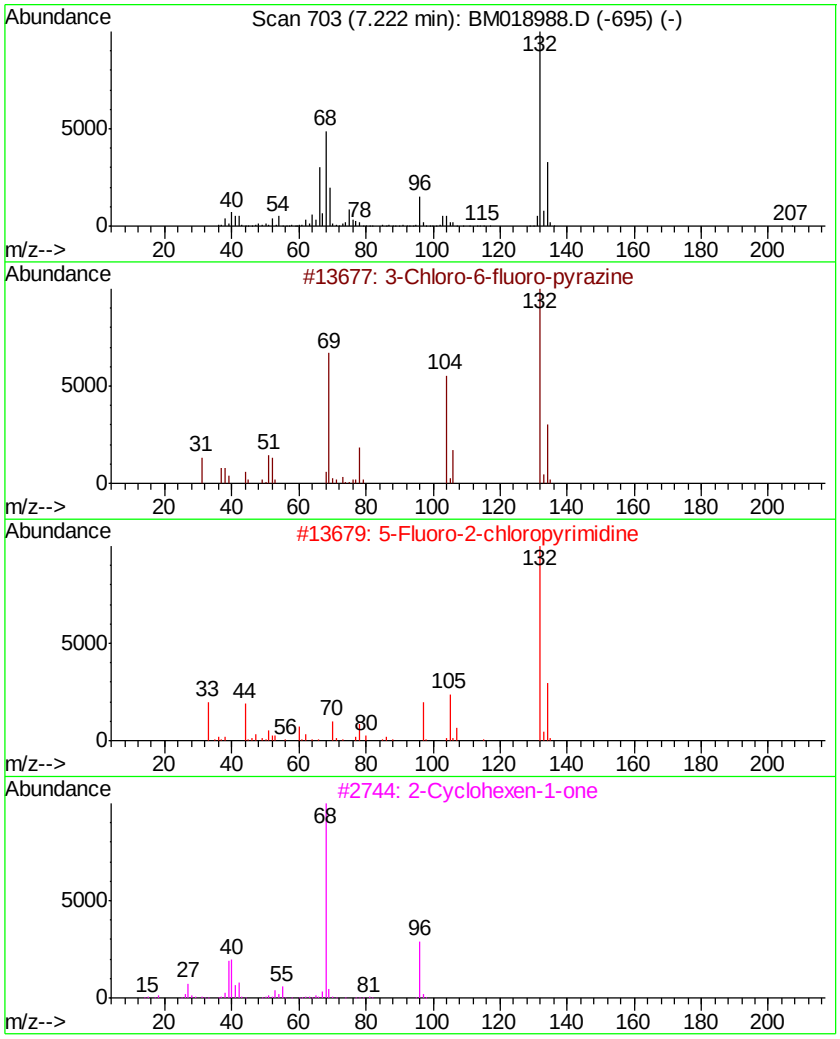
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

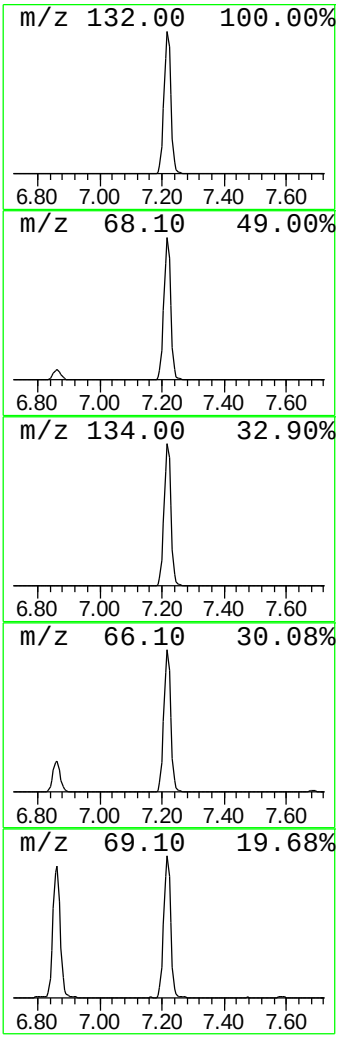
****

Peak Number 1 unknown7.22 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.22	82.04 ng	7009650	1,4-Dichlorobenzene-d4	7.68

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	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	11
4	Pyrazolo(2,3-a)pyridine, 7-methyl-	132	C8H8N2	034760-58-2	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





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Data File : BM018988.D
Acq On : 01 Mar 2019 15:56
Operator : JU/SJ
Sample : K1649-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TRE-INTERIOR-WALL

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

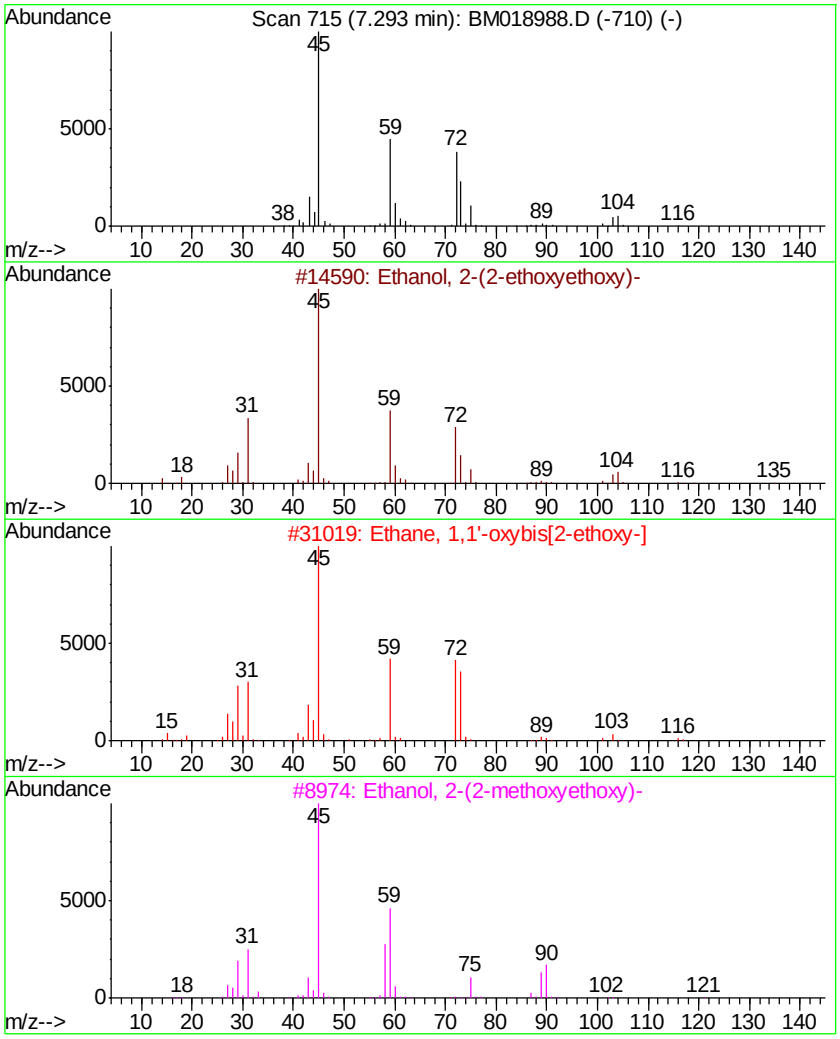
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

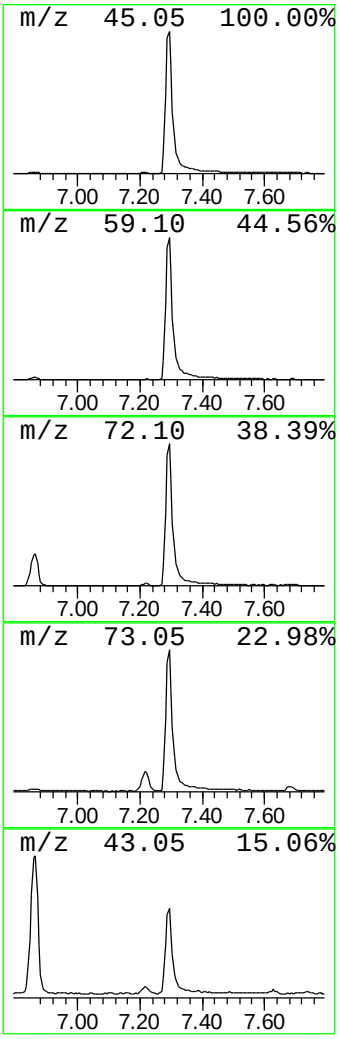
****

Peak Number 2 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.29	22.11 ng	1889000	1,4-Dichlorobenzene-d4	7.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	90
2	Ethane, 1,1'-oxybis[2-ethoxy-]	162	C8H18O3	000112-36-7	64
3	Ethanol, 2-(2-methoxyethoxy)-	120	C5H12O3	000111-77-3	50
4	2-Propanol, 1-(1-methylethoxy)-	118	C6H14O2	003944-36-3	42
5	Trimethylene glycol monomethyl e...	90	C4H10O2	001589-49-7	38





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030119\
Data File : BM018988.D
Acq On : 01 Mar 2019 15:56
Operator : JU/SJ
Sample : K1649-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TRE-INTERIOR-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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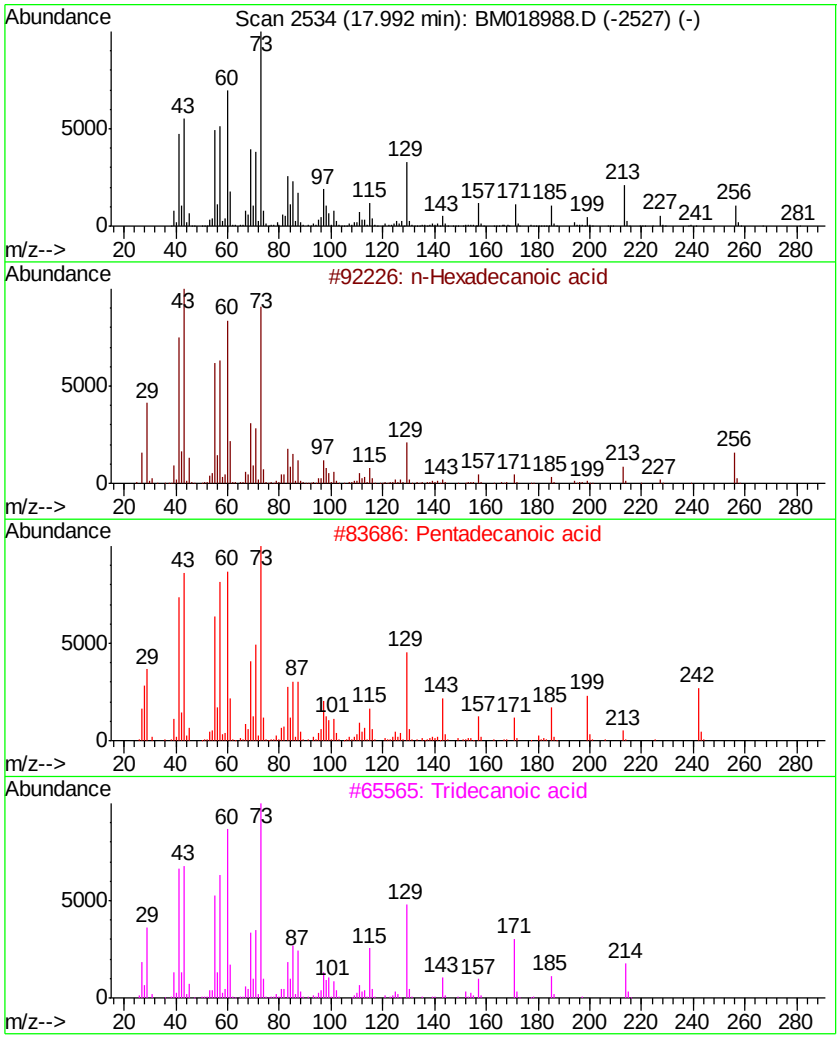
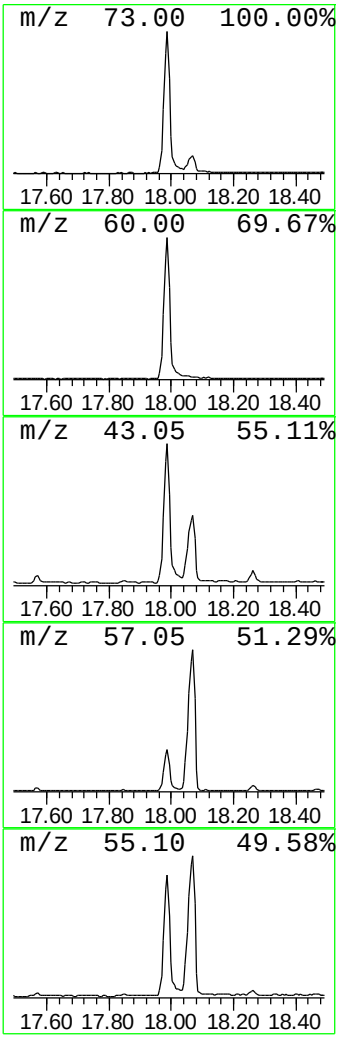
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.99	27.27 ng	4471420	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	80
3	Tridecanoic acid	214	C13H26O2	000638-53-9	46
4	Tridecane	184	C13H28	000629-50-5	18
5	Hexadecane	226	C16H34	000544-76-3	18





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030119\
Data File : BM018988.D
Acq On : 01 Mar 2019 15:56
Operator : JU/SJ
Sample : K1649-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TRE-INTERIOR-WALL

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

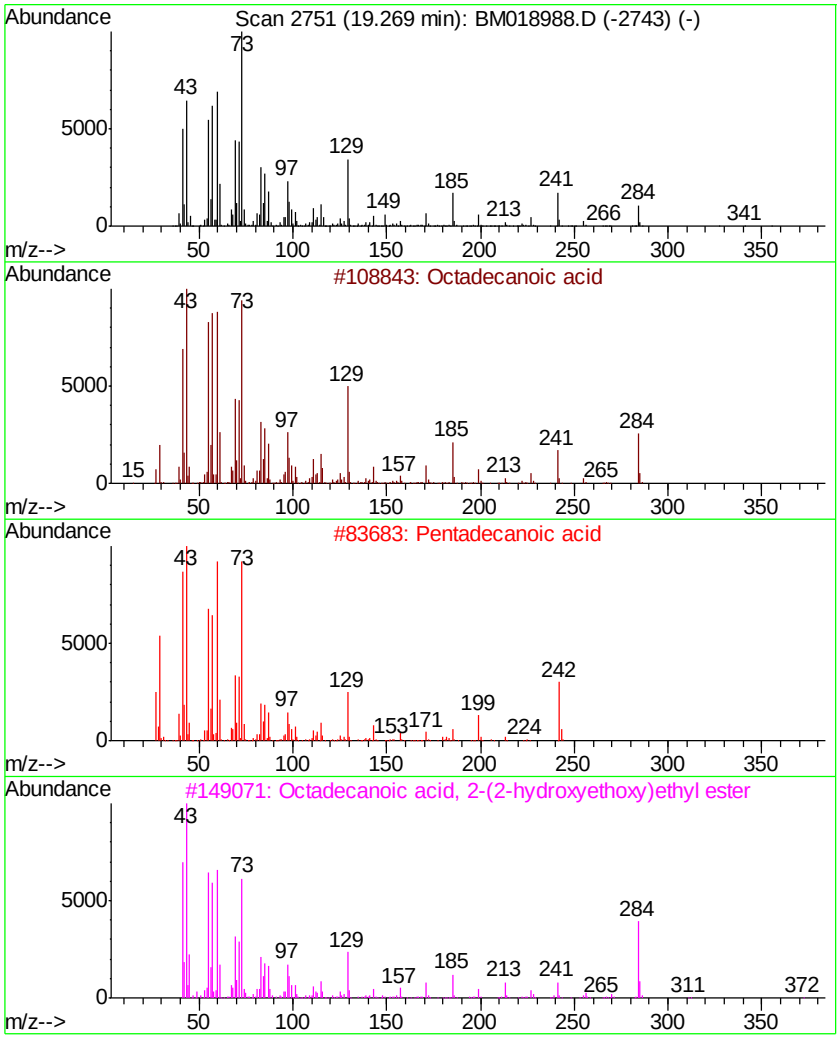
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

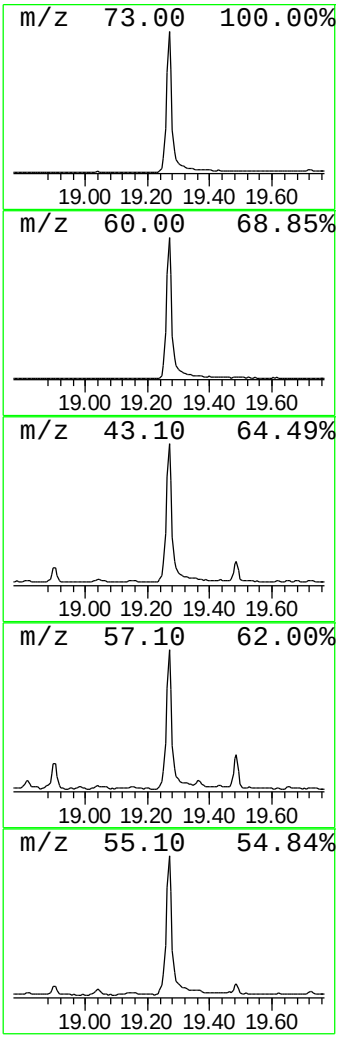
****

Peak Number 5 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.27	37.16 ng	5567090	Chrysene-d12	21.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	87
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	68
5	1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	20





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030119\
Data File : BM018988.D
Acq On : 01 Mar 2019 15:56
Operator : JU/SJ
Sample : K1649-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TRE-INTERIOR-WALL

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

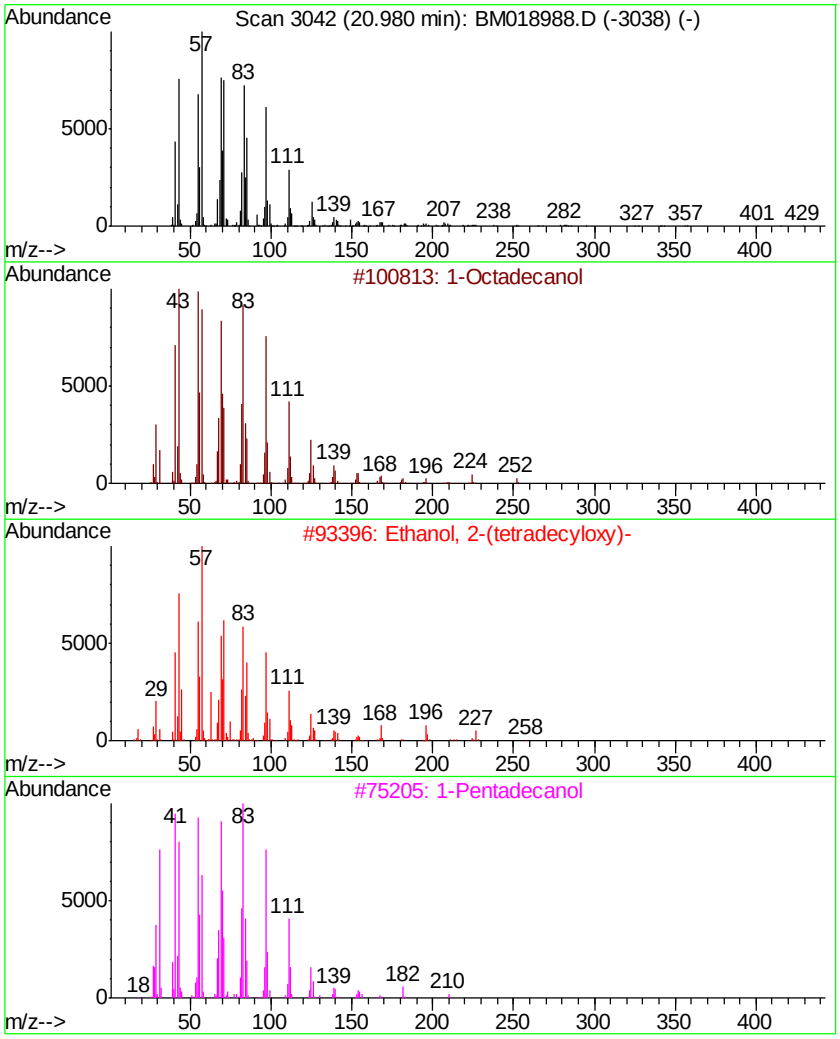
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

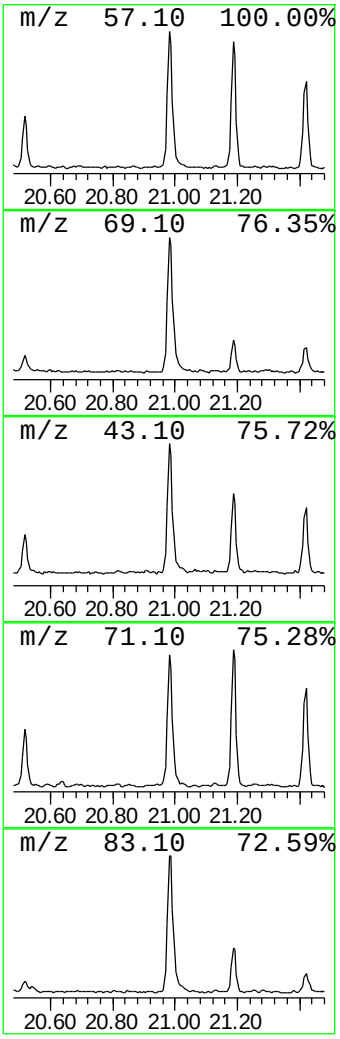
****

Peak Number 6 1-Octadecanol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.98	7.96 ng	1192500	Chrysene-d12	21.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecanol	270	C18H38O	000112-92-5	76
2	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	76
3	1-Pentadecanol	228	C15H32O	000629-76-5	70
4	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	68
5	Thieno[2,3-d]-1,3-thiaselenol-2-...	238	C5H2S3Se	081803-09-0	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030119\
Data File : BM018988.D
Acq On : 01 Mar 2019 15:56
Operator : JU/SJ
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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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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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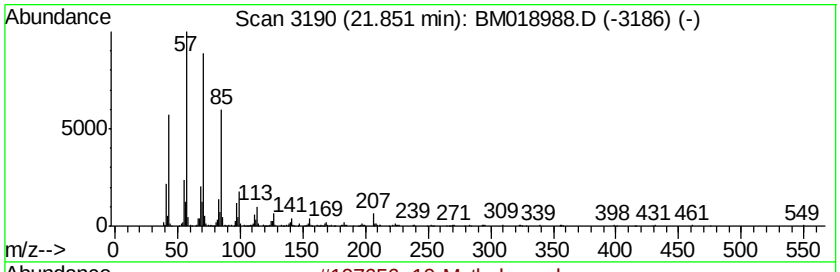
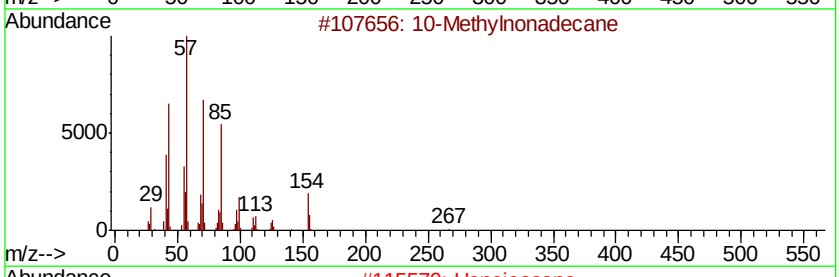
****

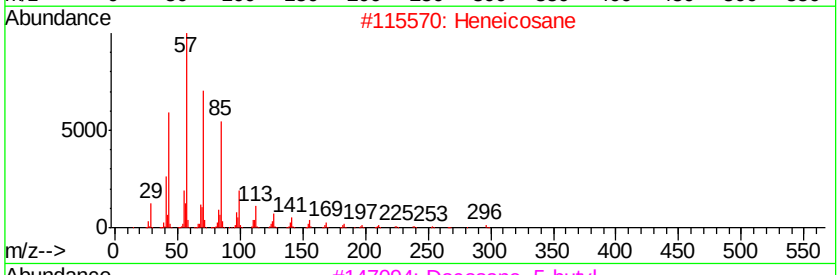
Peak Number 7 10-Methylnonadecane Concentration Rank 11

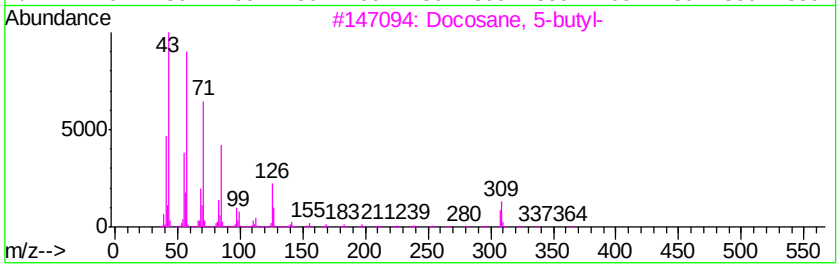
R.T.	EstConc	Area	Relative to ISTD	R.T.
21.85	4.29 ng	643203	Chrysene-d12	21.28

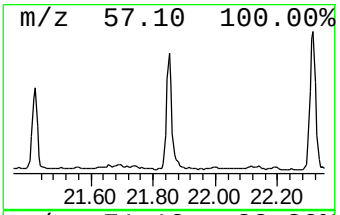
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10-Methylnonadecane	282	C20H42	056862-62-5	90
2	Heneicosane	296	C21H44	000629-94-7	90
3	Docosane, 5-butyl-	366	C26H54	055282-16-1	86
4	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	86
5	Heptacosane	380	C27H56	000593-49-7	81

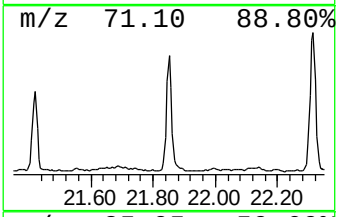


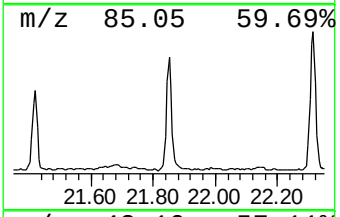


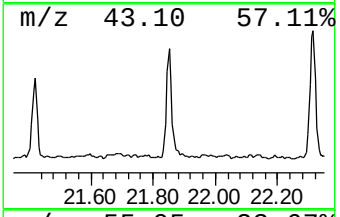


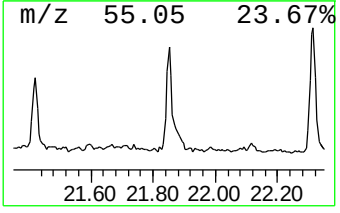












Library Search Compound Report

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

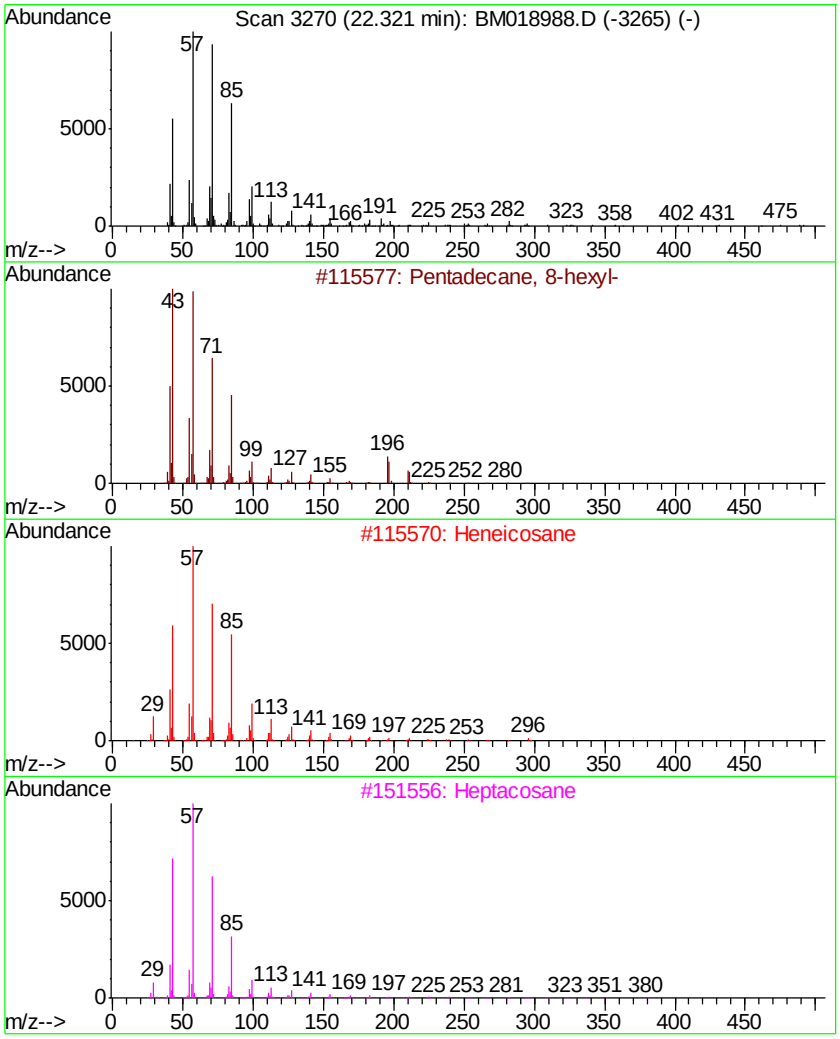
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

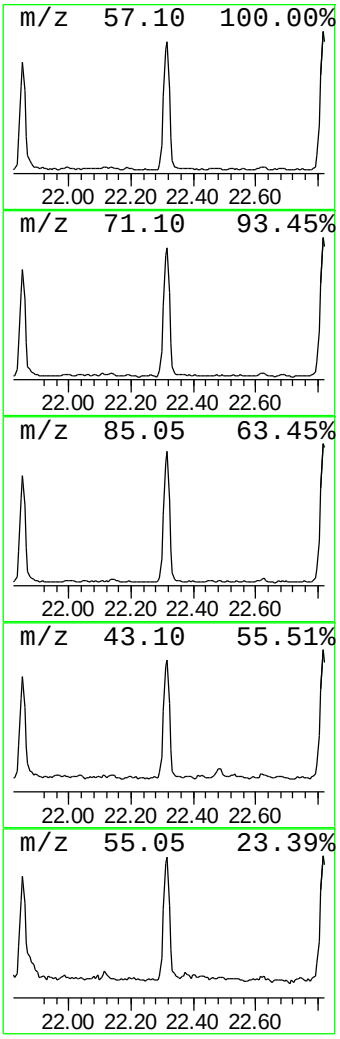
****

Peak Number 8 Pentadecane, 8-hexyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.32	4.86 ng	728644	Chrysene-d12	21.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Heptacosane	380	C27H56	000593-49-7	91
4	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	90
5	Tridecane, 6-propyl-	226	C16H34	055045-10-8	87





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Misc :
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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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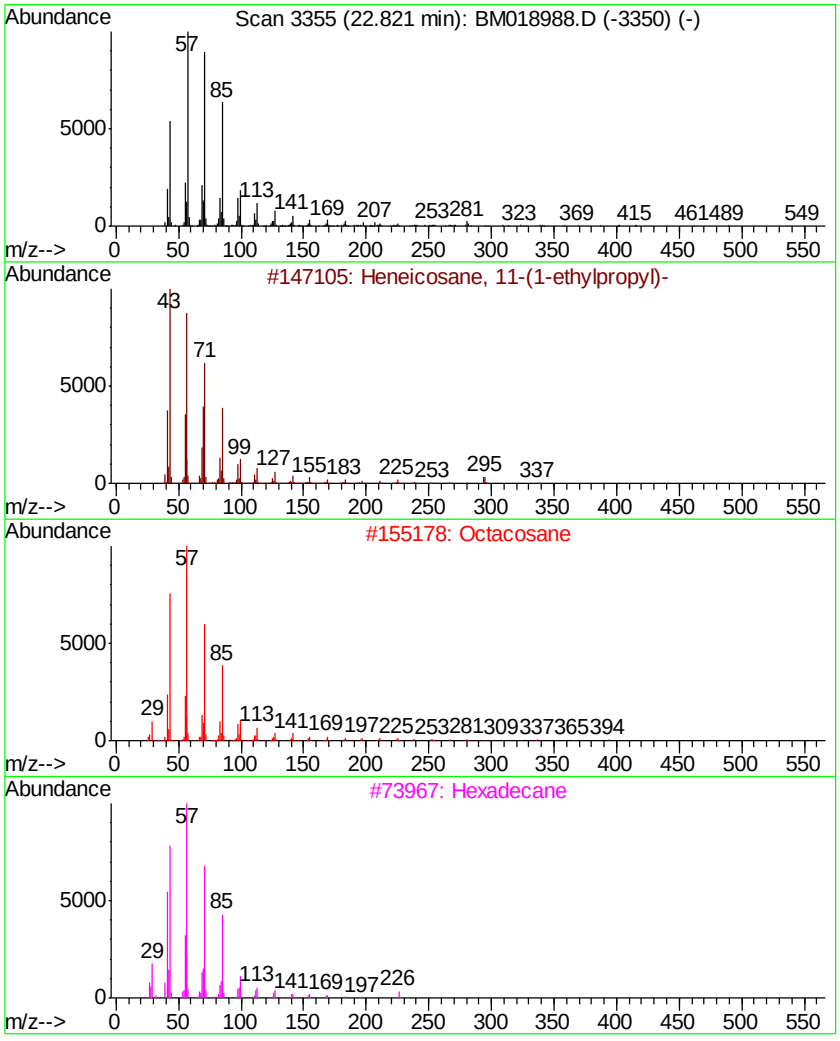
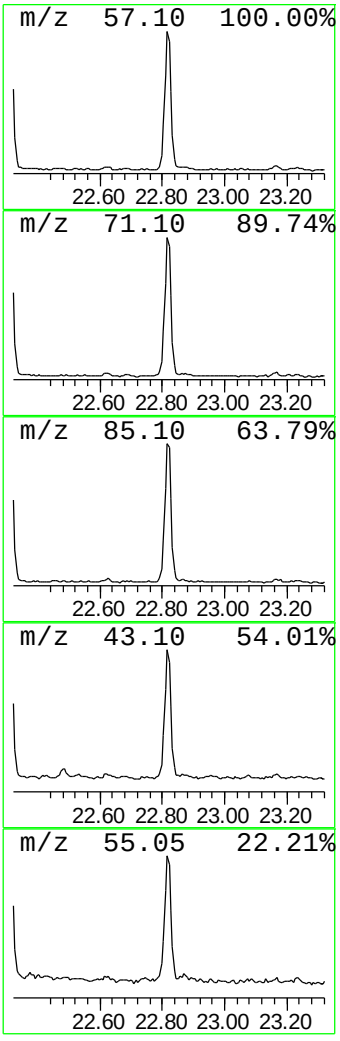
****

Peak Number 9 Heneicosane, 11-(1-ethylpro... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.82	6.06 ng	830828	Perylene-d12	23.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
2	Octacosane	394	C28H58	000630-02-4	91
3	Hexadecane	226	C16H34	000544-76-3	90
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
5	Tridecane, 6-propyl-	226	C16H34	055045-10-8	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030119\
Data File : BM018988.D
Acq On : 01 Mar 2019 15:56
Operator : JU/SJ
Sample : K1649-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TRE-INTERIOR-WALL

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

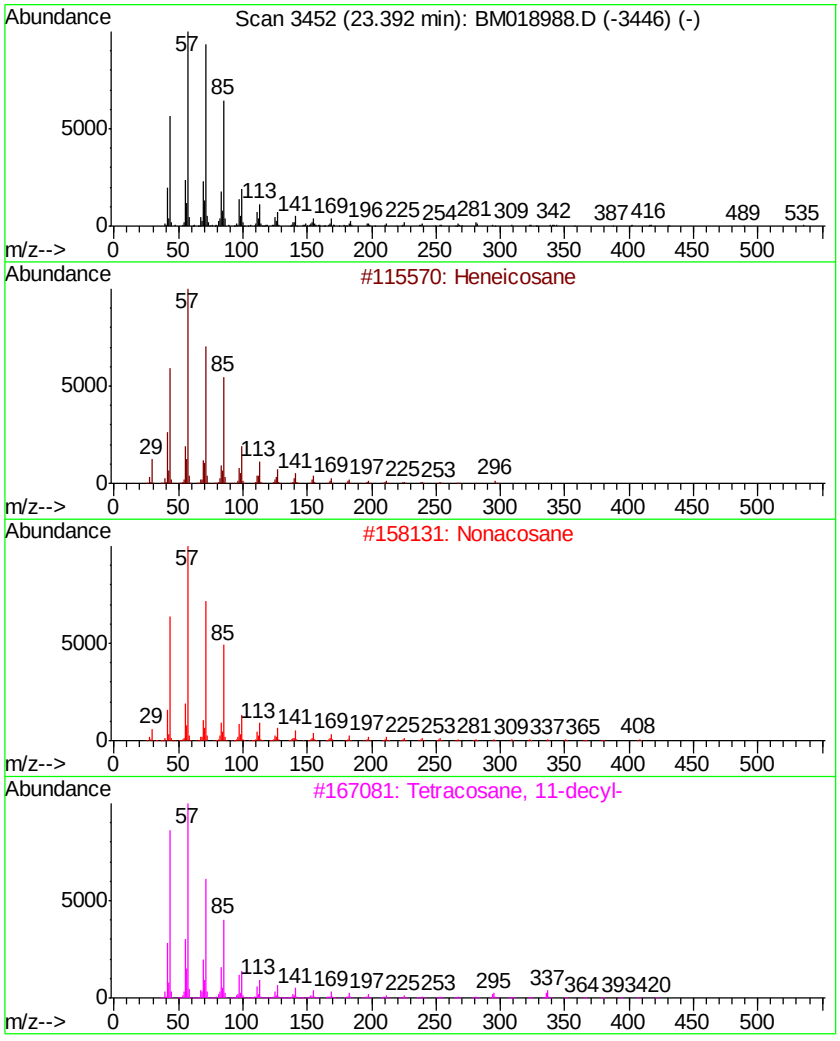
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

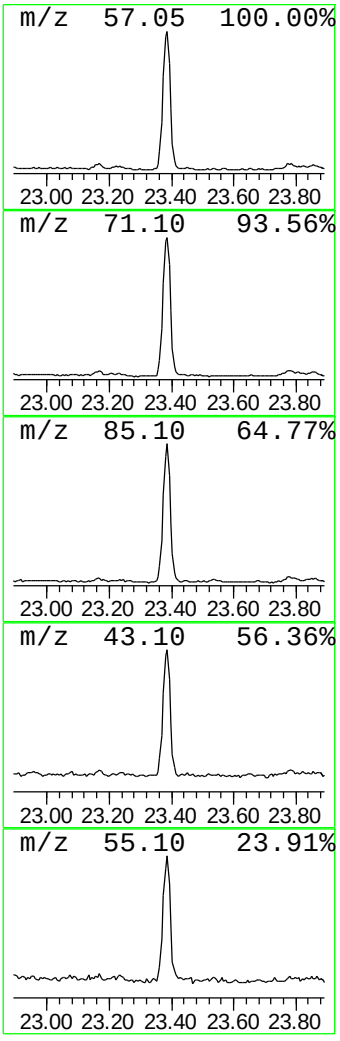
****

Peak Number 10 Heneicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.39	5.76 ng	789332	Perylene-d12	23.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Nonacosane	408	C29H60	000630-03-5	91
3	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	90
4	10-Methylnonadecane	282	C20H42	056862-62-5	90
5	Tetradecane	198	C14H30	000629-59-4	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM030119\
Data File : BM018988.D
Acq On : 01 Mar 2019 15:56
Operator : JU/SJ
Sample : K1649-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TRE-INTERIOR-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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown7.22	7.22	82.0	ng	7009650	1	7.68	1708810	20.0
Ethanol, 2-(2-eth...	7.29	22.1	ng	1889000	1	7.68	1708810	20.0
n-Hexadecanoic acid	17.99	27.3	ng	4471420	4	17.09	3279860	20.0
Octadecanoic acid	19.27	37.2	ng	5567090	5	21.28	2996160	20.0
1-Octadecanol	20.98	8.0	ng	1192500	5	21.28	2996160	20.0
10-Methylnonadecane	21.85	4.3	ng	643203	5	21.28	2996160	20.0
Pentadecane, 8-he...	22.32	4.9	ng	728644	5	21.28	2996160	20.0
Heneicosane, 11-(...	22.82	6.1	ng	830828	6	23.53	2741340	20.0
Heneicosane	23.39	5.8	ng	789332	6	23.53	2741340	20.0