LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031819\
Data File : BM019220.D
Acq On : 18 Mar 2019 17:52
Operator : JU/SJ
Sample : K1935-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SB-5(13-14)

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-BM031119.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	5.251	378	385	403	rBV	3333967	5039256	52.67%	7.221%
2	6.834	646	654	669	rBV	3736549	5992402	62.63%	8.586%
3	7.186	706	714	732	rBV	3685457	5942402	62.11%	8.515%
4	7.645	786	792	801	rBV	767220	1236397	12.92%	1.772%
5	7.963	839	846	859	rBV	2486928	3974595	41.54%	5.695%
6	8.816	984	991	1010	rBV	1986756	3489255	36.47%	5.000%
7	10.433	1258	1266	1286	rBV	1067325	1930137	20.17%	2.766%
8	12.916	1681	1688	1705	rBV	5349285	7933441	82.92%	11.368%
9	13.768	1827	1833	1848	rBV	340458	560623	5.86%	0.803%
10	14.304	1917	1924	1942	rBV2	1769295	2788770	29.15%	3.996%
11	15.804	2172	2179	2197	rBV	4858013	7101242	74.22%	10.175%
12	17.056	2386	2392	2408	rBV	2080099	3200313	33.45%	4.586%
13	17.951	2538	2544	2554	rBV	338109	586978	6.13%	0.841%
14	19.233	2759	2762	2773	rBV2	80121	165520	1.73%	0.237%
15	19.697	2835	2841	2856	rBV	7975837	9567827	100.00%	13.710%
16	20.962	3051	3056	3067	rBV	1259136	1920740	20.07%	2.752%
17	21.256	3101	3106	3118	rBV	2182914	3020685	31.57%	4.328%
18	21.391	3127	3129	3138	rBV4	94613	155767	1.63%	0.223%
19	21.821	3199	3202	3204	rBV	187699	221062	2.31%	0.317%
20	21.856	3204	3208	3216	rVB	686934	1142384	11.94%	1.637%
21	22.280	3277	3280	3284	rVB	241638	283125	2.96%	0.406%
22	22.780	3362	3365	3371	rVB	276607	381283	3.99%	0.546%
23	22.838	3373	3375	3385	rVB4	174838	292771	3.06%	0.420%
24	23.344	3457	3461	3466	rVB	213020	332503	3.48%	0.476%
25	23.491	3480	3486	3501	rVB	1339152	2529805	26.44%	3.625%

Sum of corrected areas: 69789283

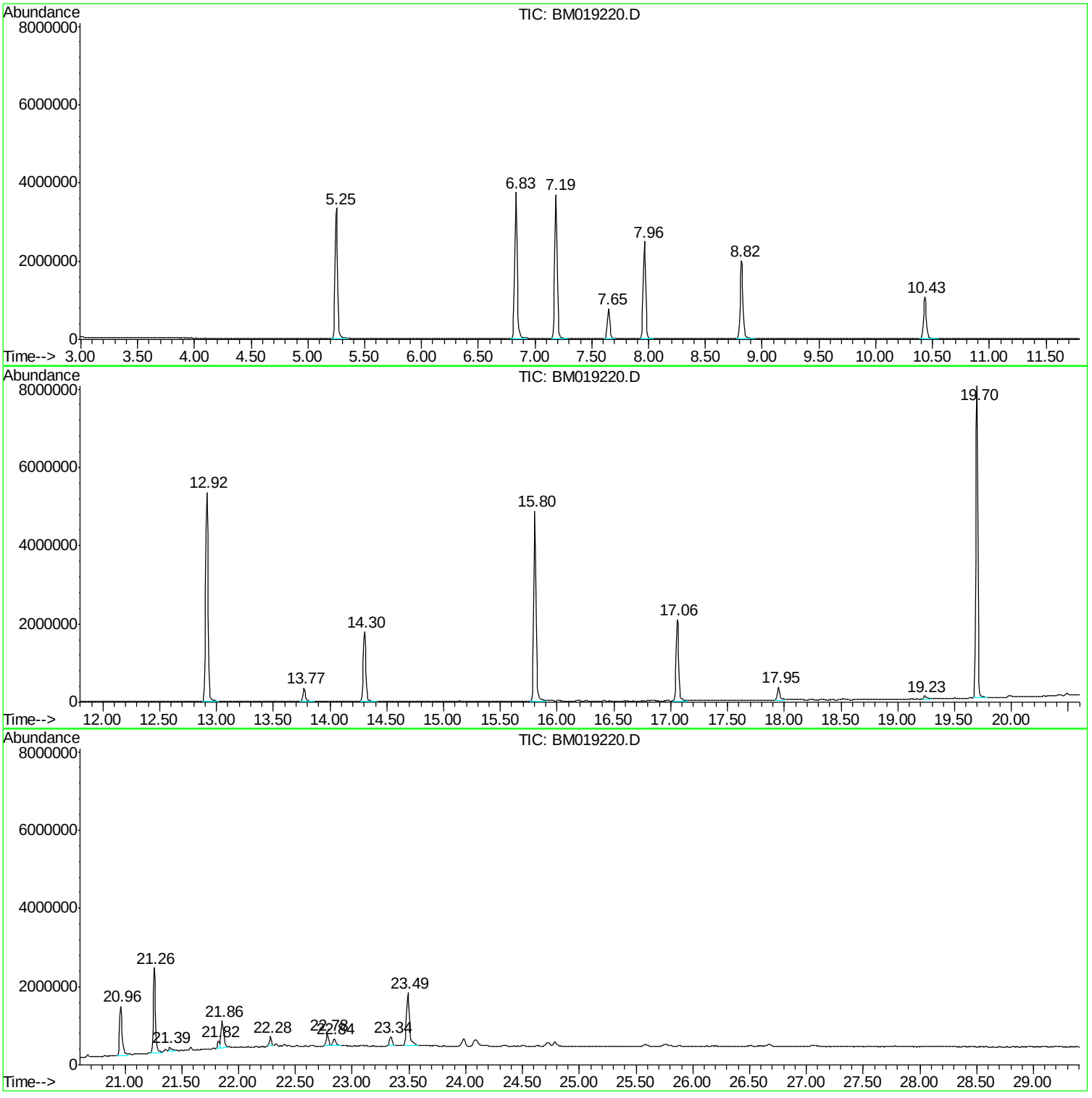
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031819\
Data File : BM019220.D
Acq On : 18 Mar 2019 17:52
Operator : JU/SJ
Sample : K1935-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SB-5(13-14)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM031119.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\BM031819\
Data File : BM019220.D
Acq On : 18 Mar 2019 17:52
Operator : JU/SJ
Sample : K1935-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SB-5(13-14)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM031119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

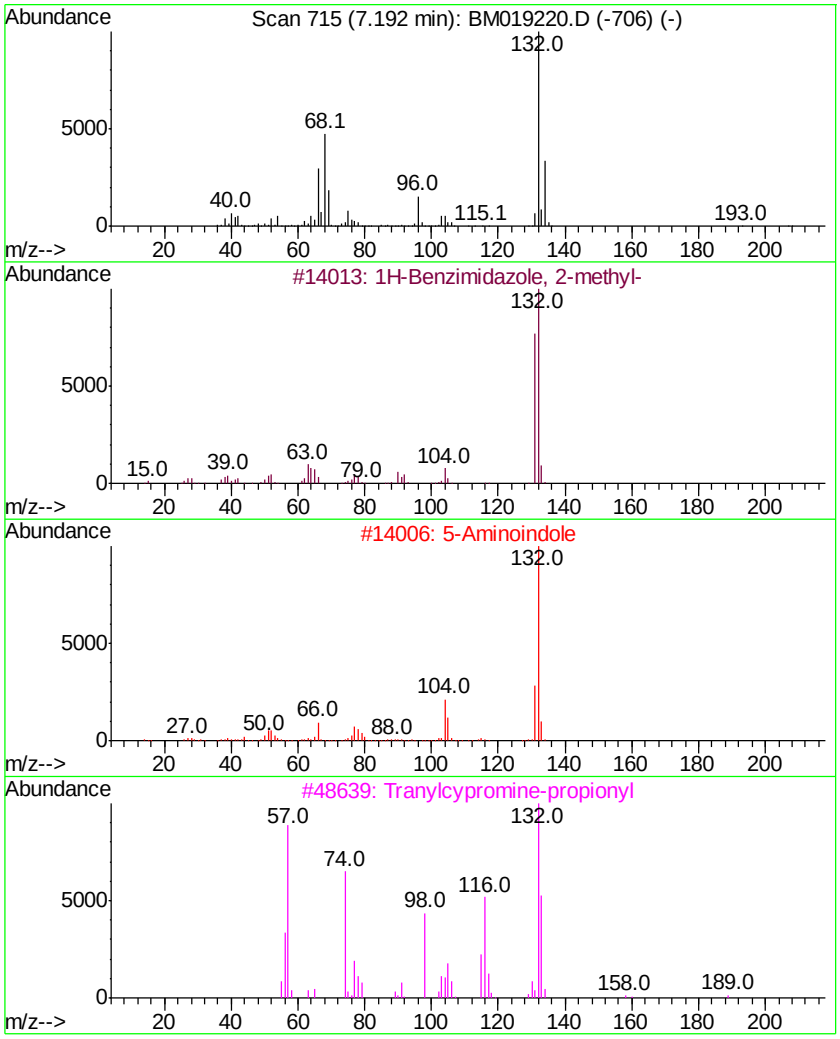
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

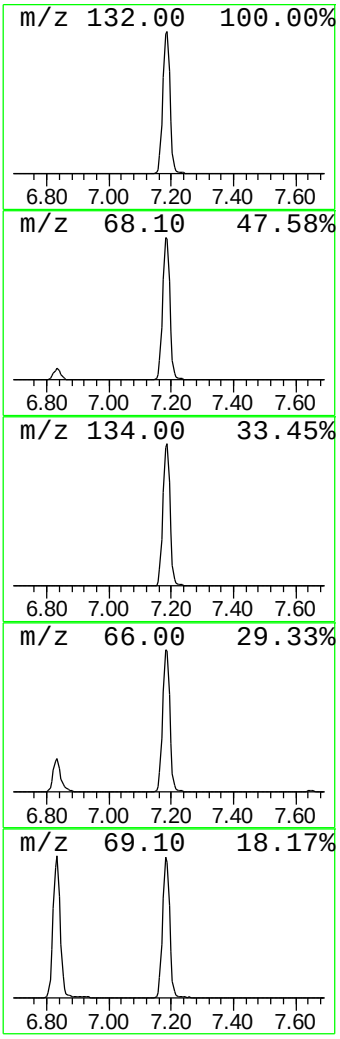
****

Peak Number 1 unknown7.19 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.19	96.12 ng	5942400	1,4-Dichlorobenzene-d4	7.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
2	5-Aminoindole	132	C8H8N2	005192-03-0	22
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	9
5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031819\
Data File : BM019220.D
Acq On : 18 Mar 2019 17:52
Operator : JU/SJ
Sample : K1935-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SB-5(13-14)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM031119.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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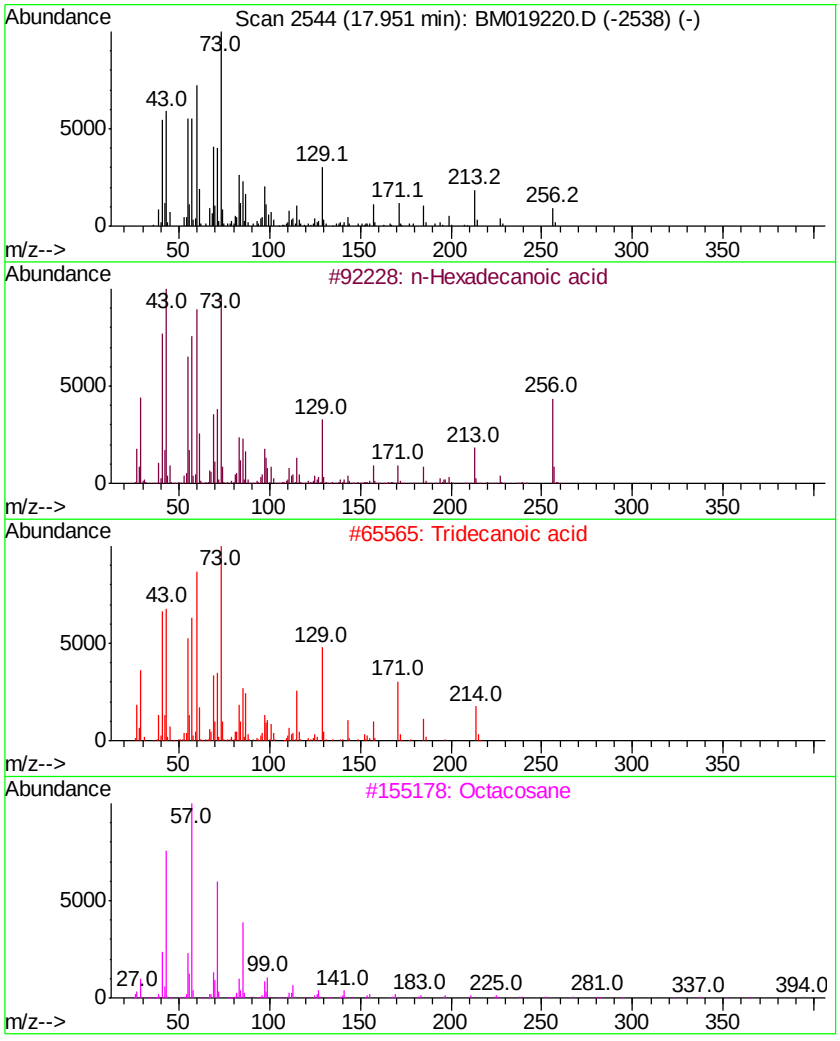
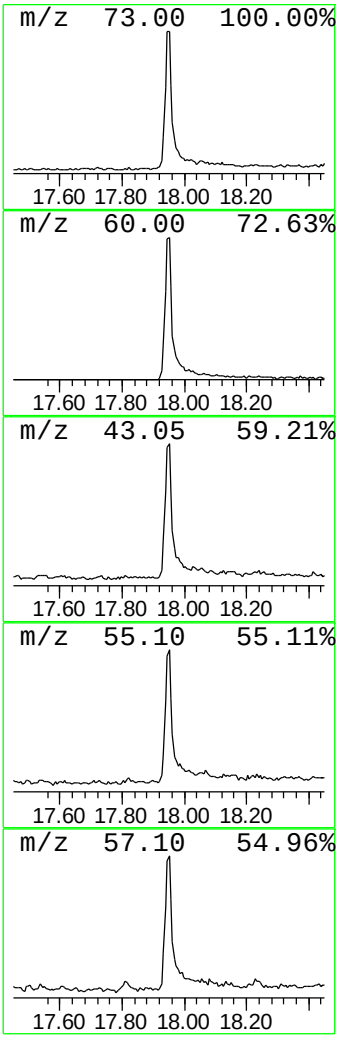
Peak Number 3 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.95	3.67 ng	586978	Phenanthrene-d10	17.06

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	Octacosane	394	C28H58	000630-02-4	18
4	Hexadecane	226	C16H34	000544-76-3	18
5	Eicosane	282	C20H42	000112-95-8	18





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031819\
Data File : BM019220.D
Acq On : 18 Mar 2019 17:52
Operator : JU/SJ
Sample : K1935-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SB-5(13-14)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM031119.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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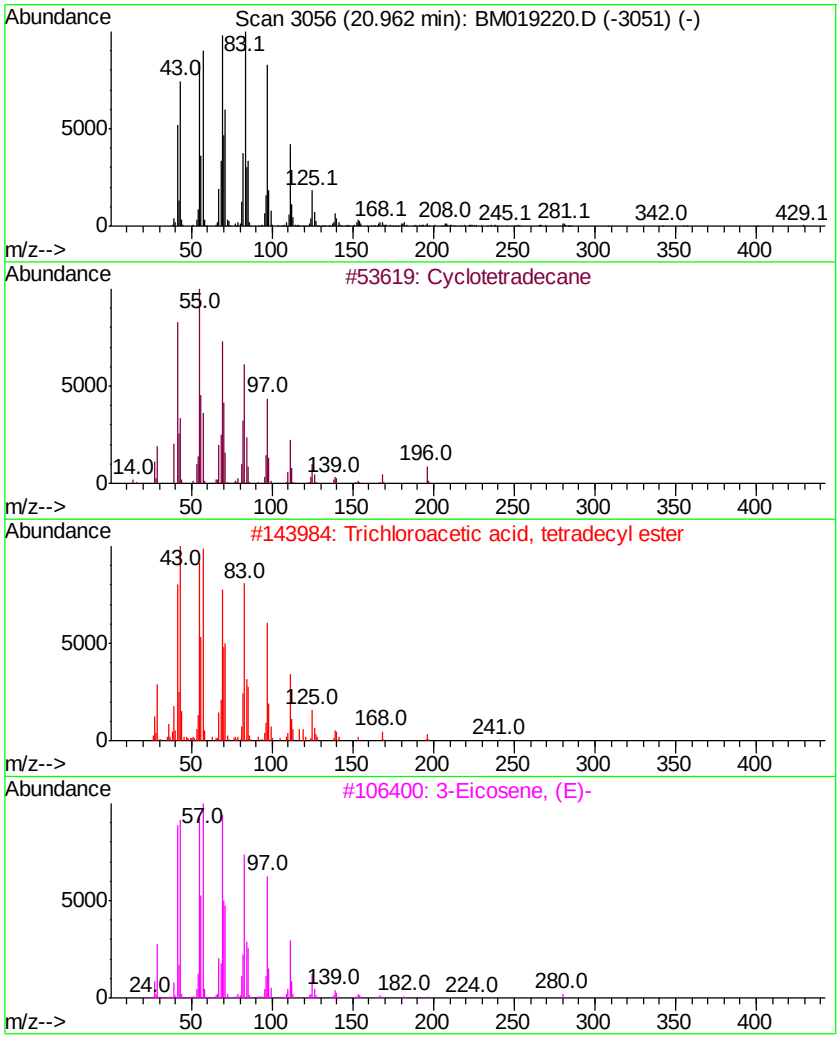
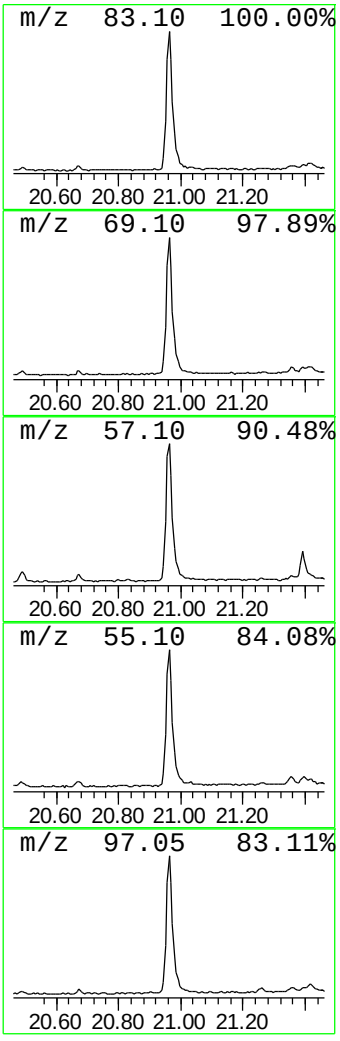
Peak Number 4 Cyclotetradecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.96	12.72 ng	1920740	Chrysene-d12	21.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetradecane	196	C14H28	000295-17-0	94
2	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	91
3	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
4	Heptafluorobutyric acid, n-penta...	424	C19H31F7O2	1000216-79-3	91
5	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031819\
Data File : BM019220.D
Acq On : 18 Mar 2019 17:52
Operator : JU/SJ
Sample : K1935-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SB-5(13-14)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM031119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

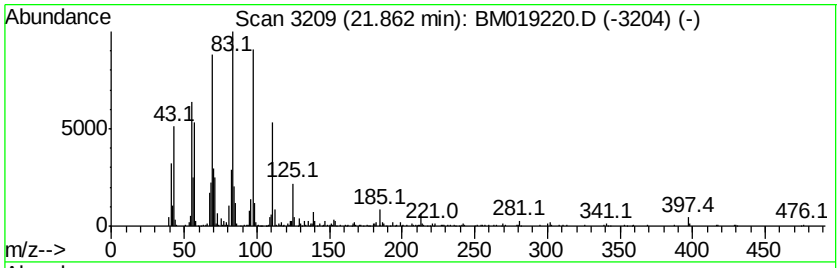
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

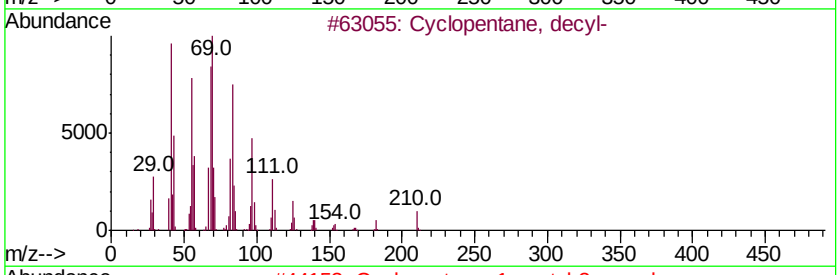
****

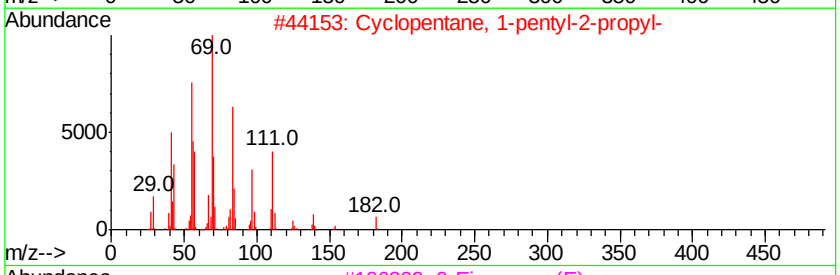
Peak Number 5 Cyclopentane, decyl- Concentration Rank 4

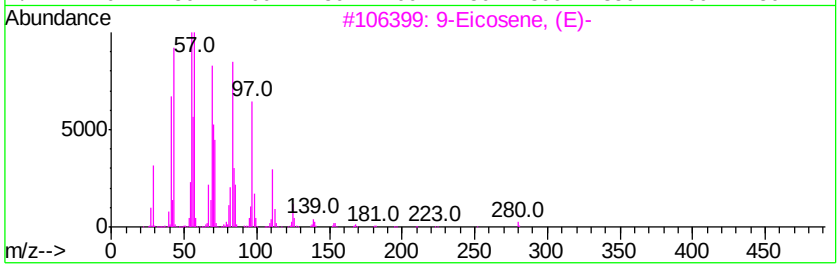
R.T.	EstConc	Area	Relative to ISTD	R.T.
21.86	7.56 ng	1142380	Chrysene-d12	21.26

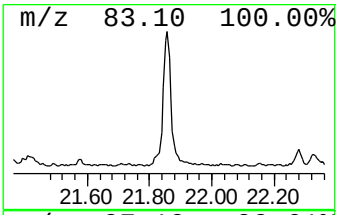
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, decyl-	210	C15H30	001795-21-7	64
2	Cyclopentane, 1-pentyl-2-propyl-	182	C13H26	062199-51-3	60
3	9-Eicosene, (E)-	280	C20H40	074685-29-3	55
4	1-Undecene, 7-methyl-	168	C12H24	074630-42-5	50
5	Isoheptadecanol	256	C17H36O	057289-07-3	49

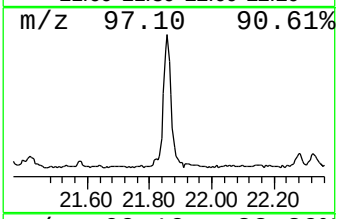


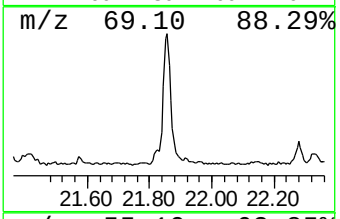


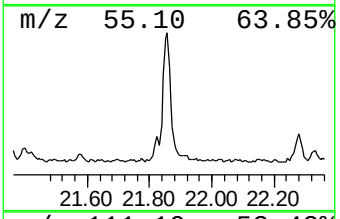


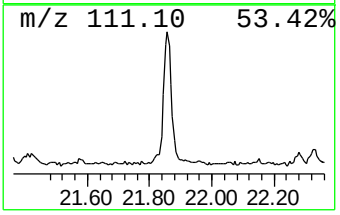












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031819\
Data File : BM019220.D
Acq On : 18 Mar 2019 17:52
Operator : JU/SJ
Sample : K1935-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SB-5(13-14)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM031119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

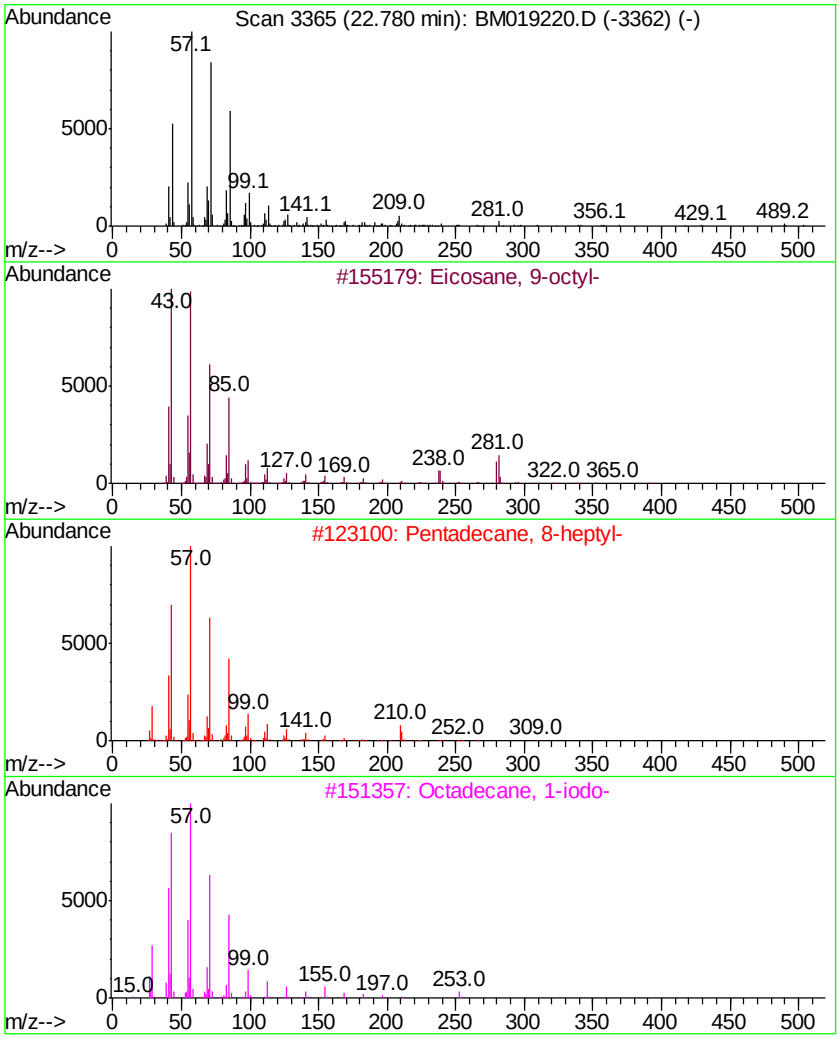
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

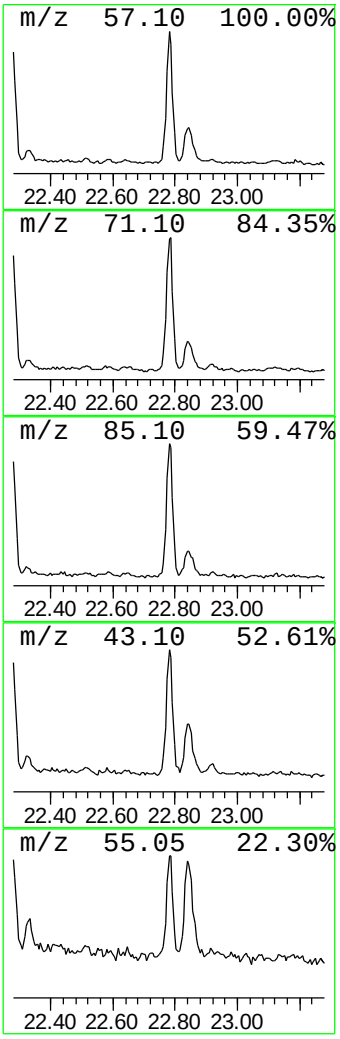
****

Peak Number 6 Eicosane, 9-octyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.78	3.01 ng	381283	Perylene-d12	23.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 9-octyl-	394	C28H58	013475-77-9	90
2	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	90
3	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	87
4	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	86
5	2-Thiopheneacetic acid, 4-tetrad...	338	C20H34O2S	1000280-67-0	80





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031819\
Data File : BM019220.D
Acq On : 18 Mar 2019 17:52
Operator : JU/SJ
Sample : K1935-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SB-5(13-14)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM031119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

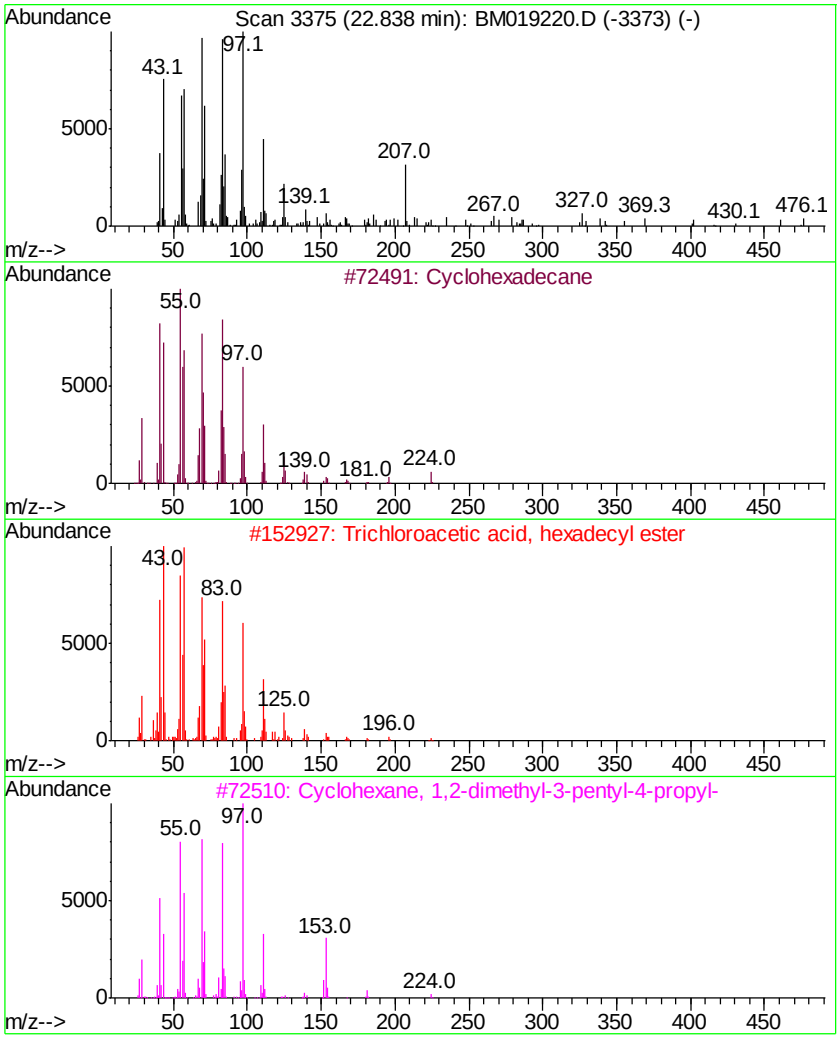
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

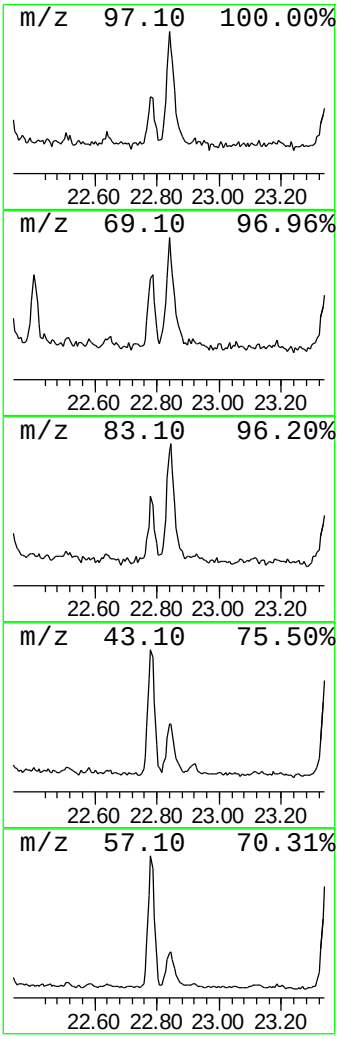
****

Peak Number 7 Cyclohexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.84	2.31 ng	292771	Perylene-d12	23.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	83
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	72
3	Cyclohexane, 1,2-dimethyl-3-pent...	224	C16H32	062376-17-4	62
4	Cyclopentane, 1-pentyl-2-propyl-	182	C13H26	062199-51-3	41
5	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	30





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Data File : BM019220.D
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Operator : JU/SJ
Sample : K1935-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SB-5(13-14)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM031119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

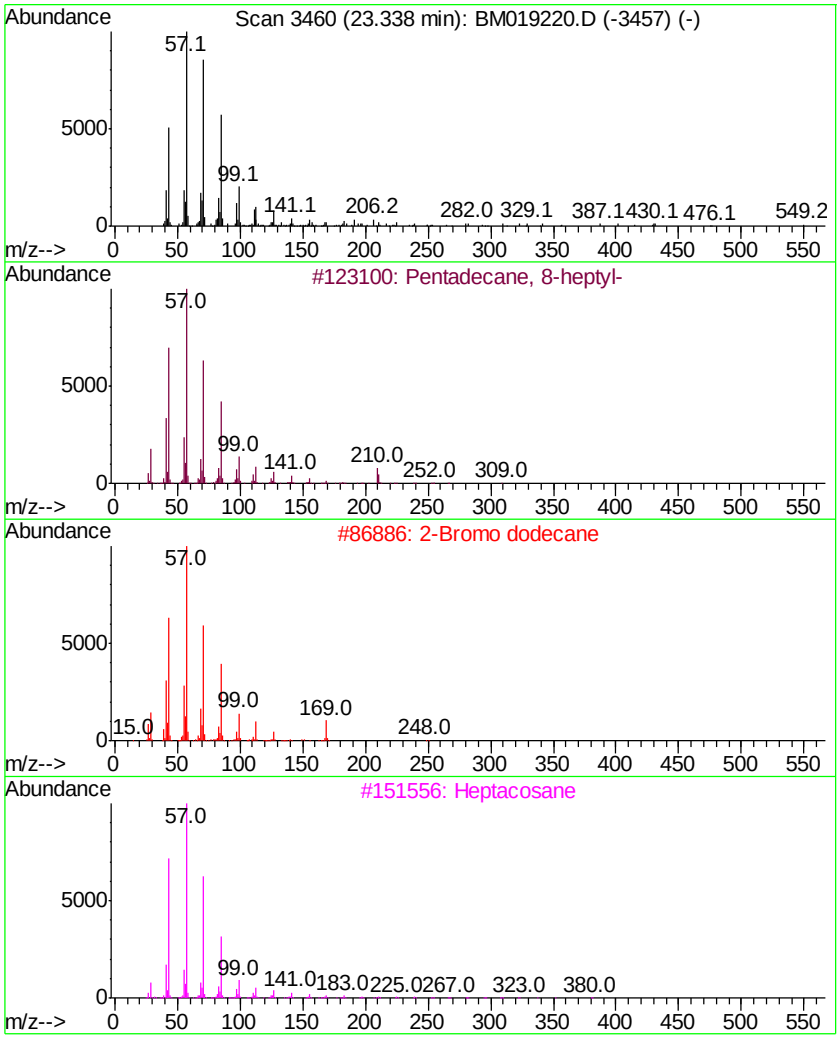
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

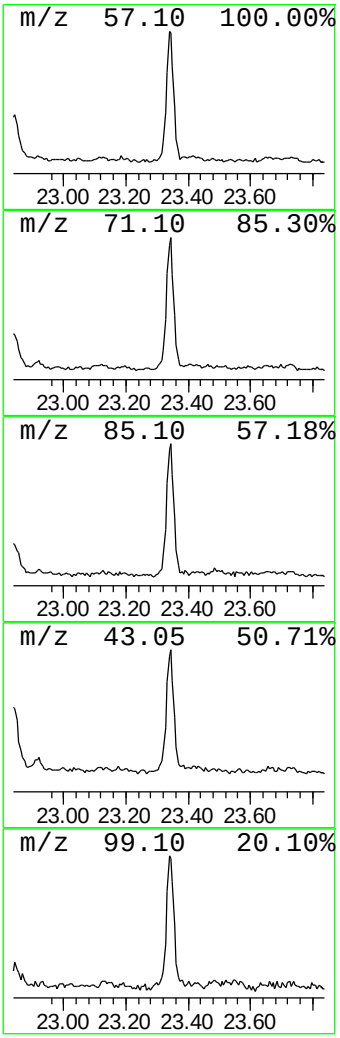
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.34	2.63 ng	332503	Perylene-d12	23.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	86
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	86
3	Heptacosane	380	C27H56	000593-49-7	86
4	Docosane, 9-butyl-	366	C26H54	055282-14-9	86
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM031819\
Data File : BM019220.D
Acq On : 18 Mar 2019 17:52
Operator : JU/SJ
Sample : K1935-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SB-5(13-14)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM031119.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
unknown7.19	7.19	96.1	ng	5942400	1	7.65	1236400	20.0
n-Hexadecanoic acid	17.95	3.7	ng	586978	4	17.06	3200310	20.0
Cyclotetradecane	20.96	12.7	ng	1920740	5	21.26	3020690	20.0
Cyclopentane, decyl-	21.86	7.6	ng	1142380	5	21.26	3020690	20.0
Eicosane, 9-octyl-	22.78	3.0	ng	381283	6	23.49	2529810	20.0
Cyclohexadecane	22.84	2.3	ng	292771	6	23.49	2529810	20.0
Pentadecane, 8-he...	23.34	2.6	ng	332503	6	23.49	2529810	20.0