LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050819\
Data File : BM020195.D
Acq On : 08 May 2019 15:18
Operator : JU/SJ
Sample : K2668-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-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_M\METHODS\8270-BM043019.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	5.369	398	405	421	rBV	3382177	4922147	46.67%	8.045%
2	6.957	667	675	689	rBV	3426596	5744015	54.47%	9.388%
3	7.316	729	736	747	rBV	3527168	5594079	53.04%	9.143%
4	7.787	805	816	824	rBV	485172	802999	7.61%	1.312%
5	8.104	862	870	880	rBV	2578768	4079786	38.69%	6.668%
6	8.951	1006	1014	1026	rBV	2006584	3398655	32.23%	5.555%
7	10.581	1283	1291	1298	rBV	590537	1014153	9.62%	1.657%
8	13.045	1703	1710	1722	rBV	5226916	7881488	74.73%	12.881%
9	13.886	1846	1853	1864	rBV	450262	634975	6.02%	1.038%
10	14.427	1939	1945	1953	rBV2	922469	1404264	13.32%	2.295%
11	15.921	2192	2199	2210	rBV	4599527	6512744	61.75%	10.644%
12	17.180	2406	2413	2424	rBV2	1140639	1695984	16.08%	2.772%
13	18.057	2557	2562	2574	rBV	520325	794520	7.53%	1.299%
14	19.339	2775	2780	2787	rBV	180278	290562	2.76%	0.475%
15	19.804	2853	2859	2865	rBV	8759863	10546158	100.00%	17.236%
16	21.062	3069	3073	3079	rBV	442838	512301	4.86%	0.837%
17	21.362	3119	3124	3130	rBV	1334233	1724053	16.35%	2.818%
18	21.498	3144	3147	3151	rBV	111712	129607	1.23%	0.212%
19	21.933	3218	3221	3229	rBV3	245047	361054	3.42%	0.590%
20	22.403	3298	3301	3305	rBV	330409	417606	3.96%	0.683%
21	22.921	3386	3389	3394	rVB	364145	506394	4.80%	0.828%
22	23.503	3485	3488	3497	rVB	345192	546120	5.18%	0.893%
23	23.656	3508	3514	3522	rVB	860782	1672623	15.86%	2.734%

Sum of corrected areas: 61186287

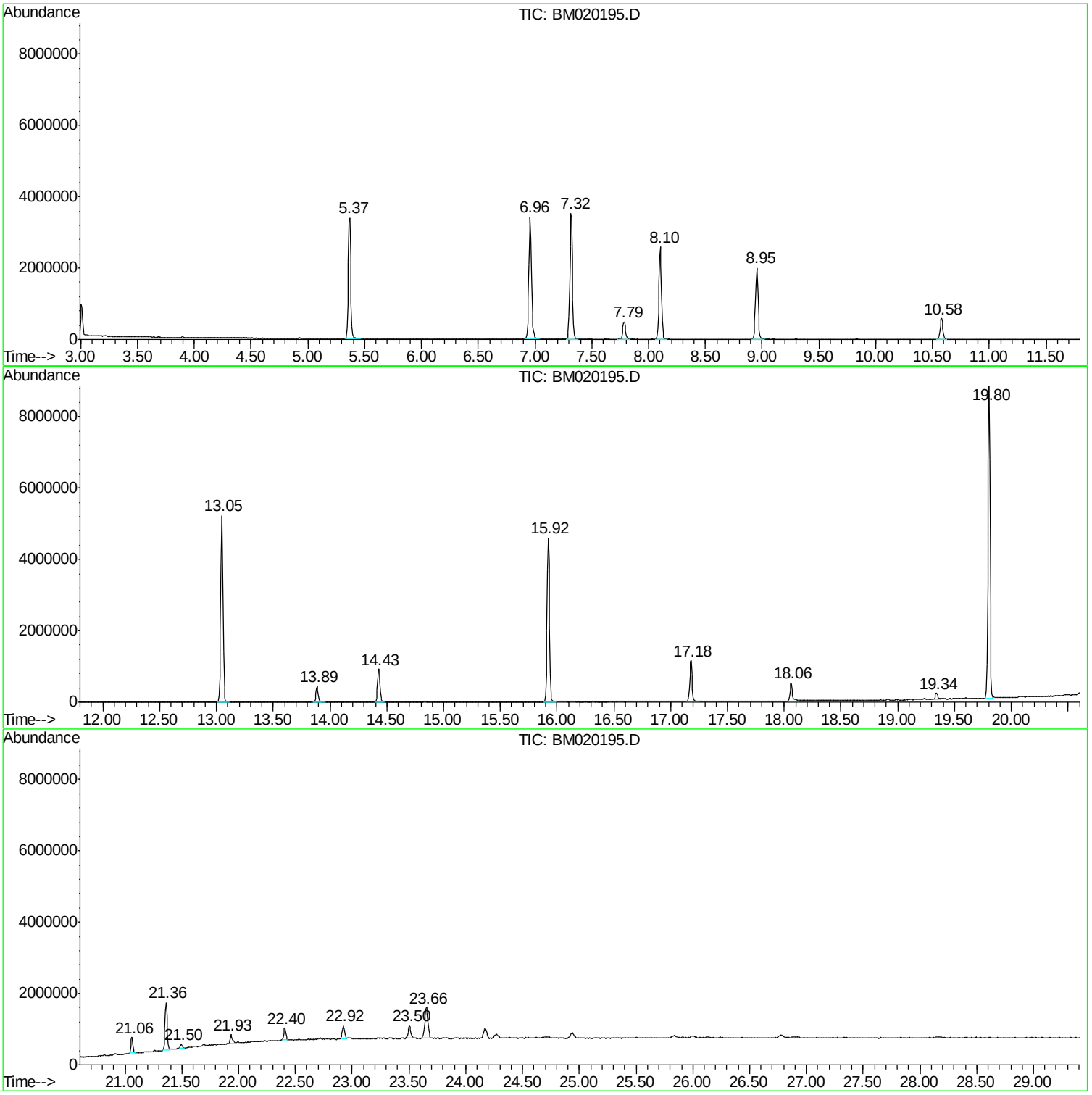
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050819\
Data File : BM020195.D
Acq On : 08 May 2019 15:18
Operator : JU/SJ
Sample : K2668-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM043019.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\BM050819\
Data File : BM020195.D
Acq On : 08 May 2019 15:18
Operator : JU/SJ
Sample : K2668-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

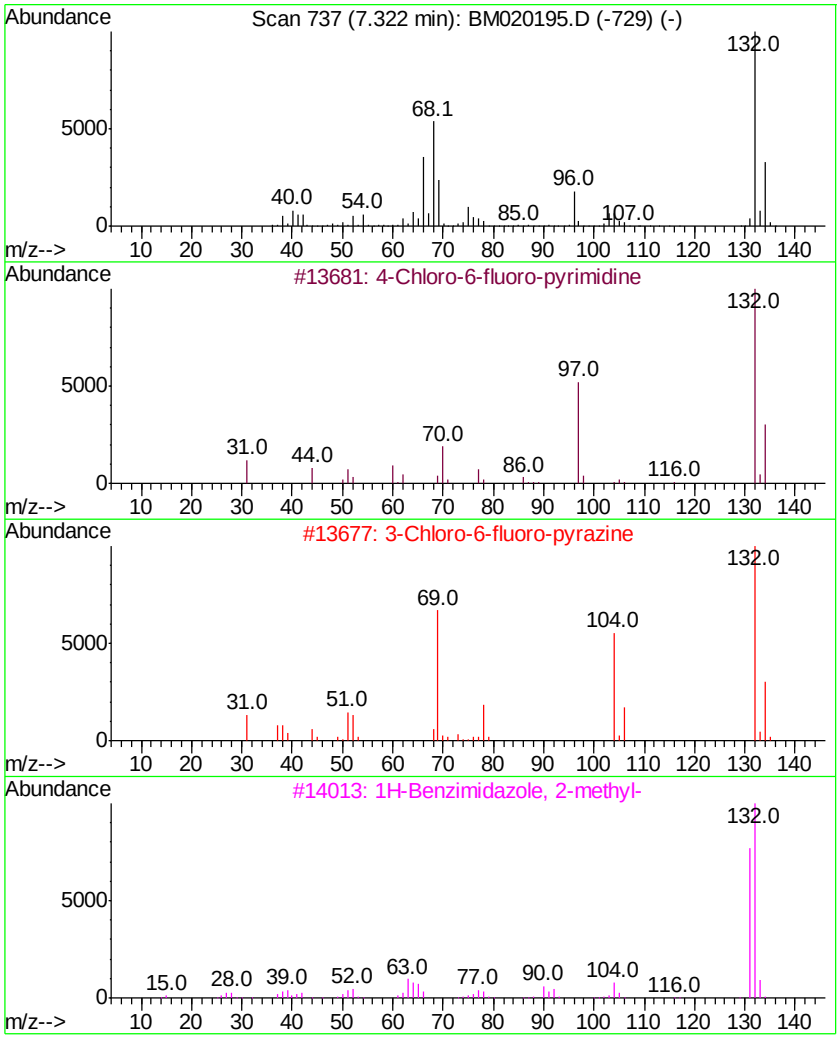
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

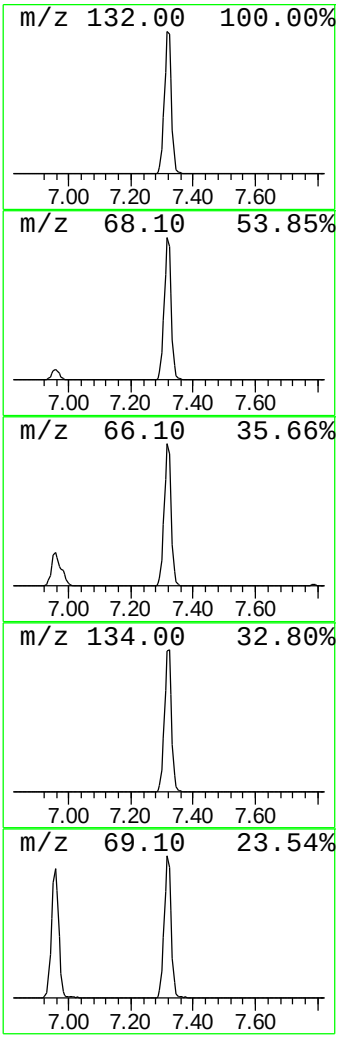
****

Peak Number 1 unknown7.32 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.32	139.33 ng	5594080	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	13
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12





Library Search Compound Report

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Data File : BM020195.D
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Instrument : BNA_M
ClientSampleId : TP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

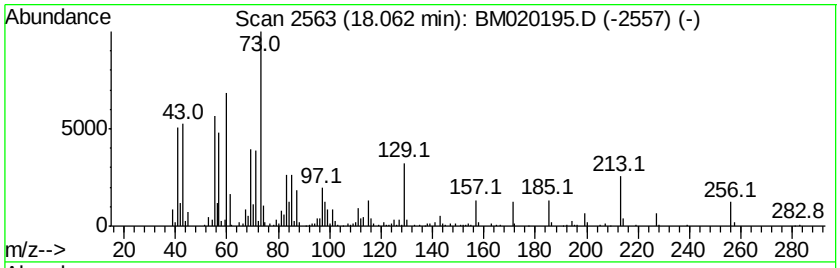
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

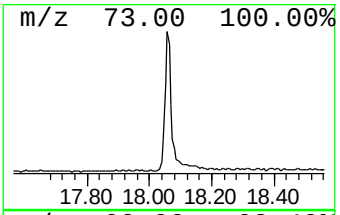
****

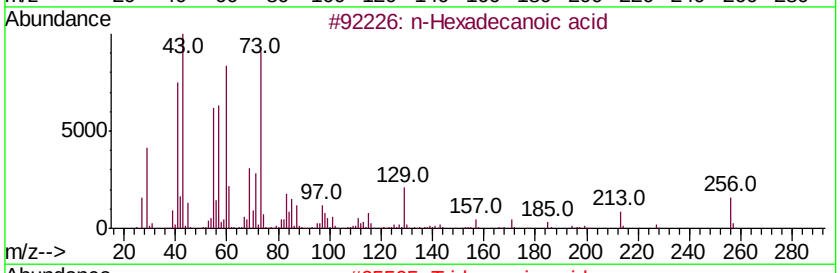
Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

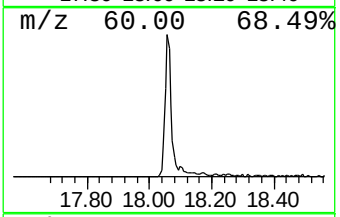
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.06	9.37 ng	794520	Phenanthrene-d10	17.18

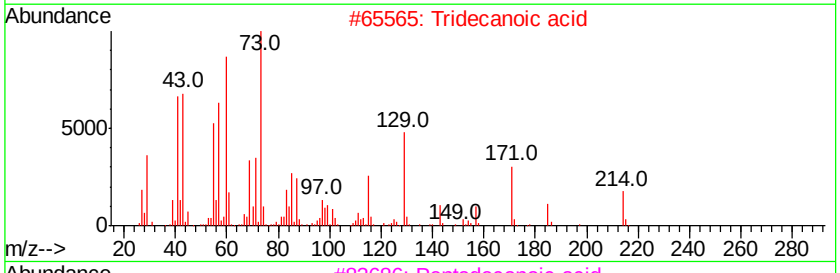
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Tridecanoic acid	214	C13H26O2	000638-53-9	90
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	74
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	50
5	Undecanoic acid	186	C11H22O2	000112-37-8	38

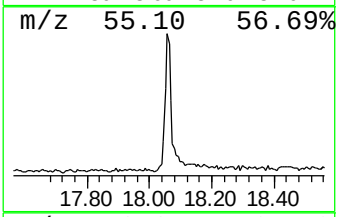


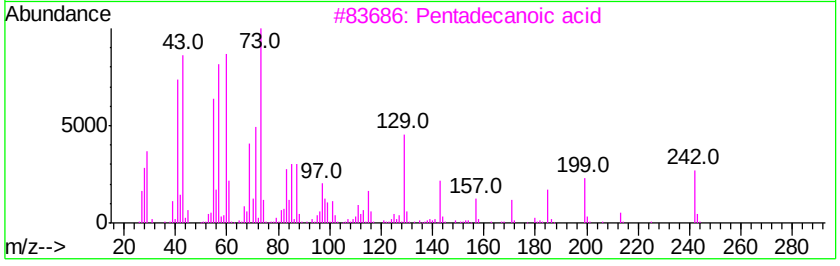


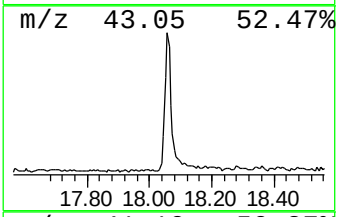


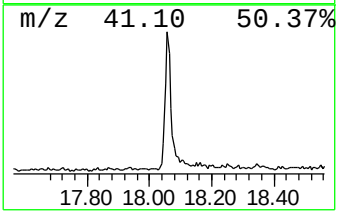












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050819\
Data File : BM020195.D
Acq On : 08 May 2019 15:18
Operator : JU/SJ
Sample : K2668-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

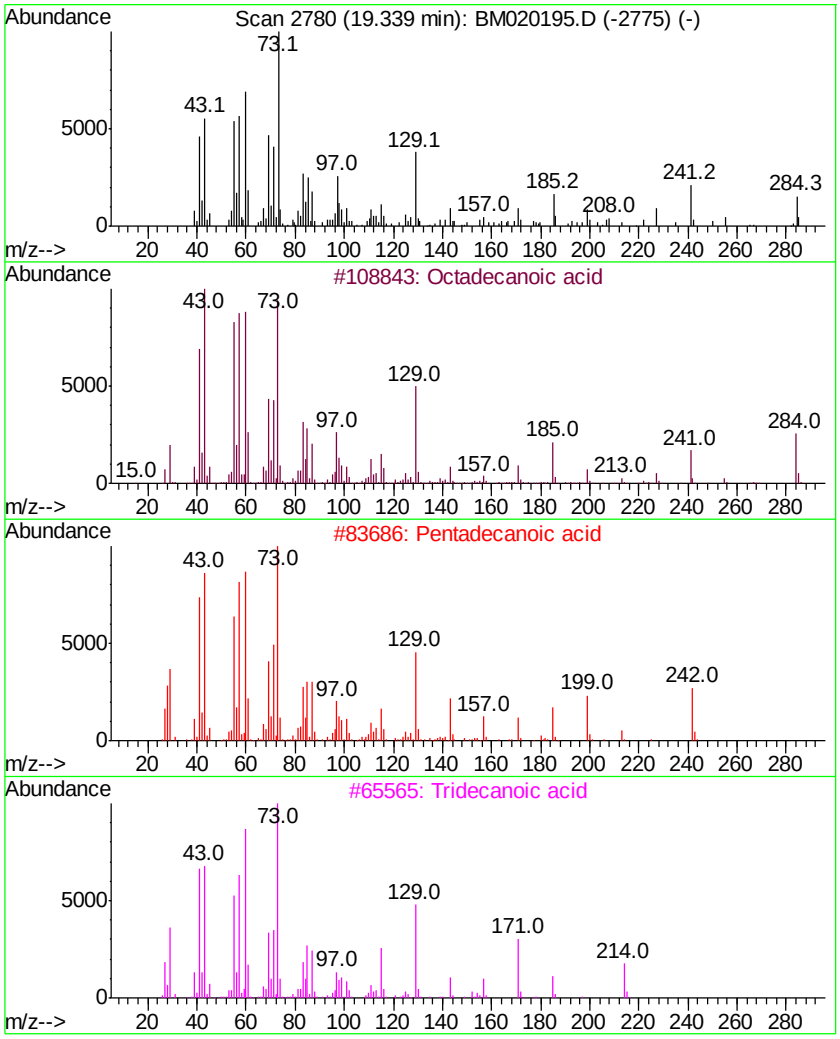
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

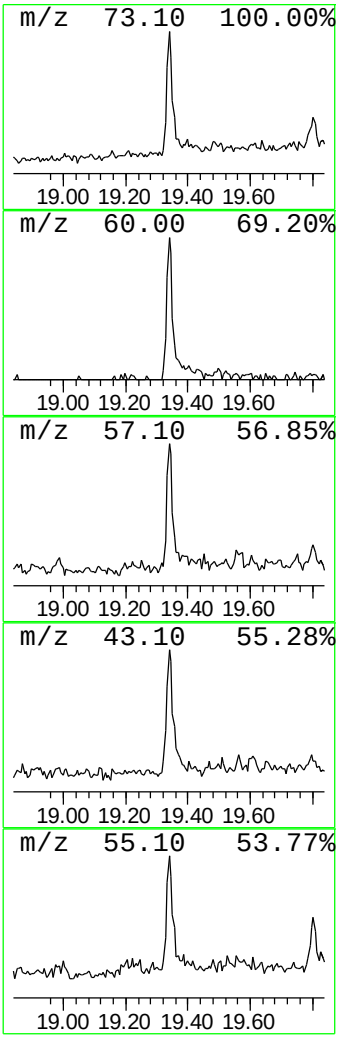
****

Peak Number 4 Octadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.34	3.37 ng	290562	Chrysene-d12	21.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	96
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	76
3	Tridecanoic acid	214	C13H26O2	000638-53-9	52
4	n-Decanoic acid	172	C10H20O2	000334-48-5	50
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	43





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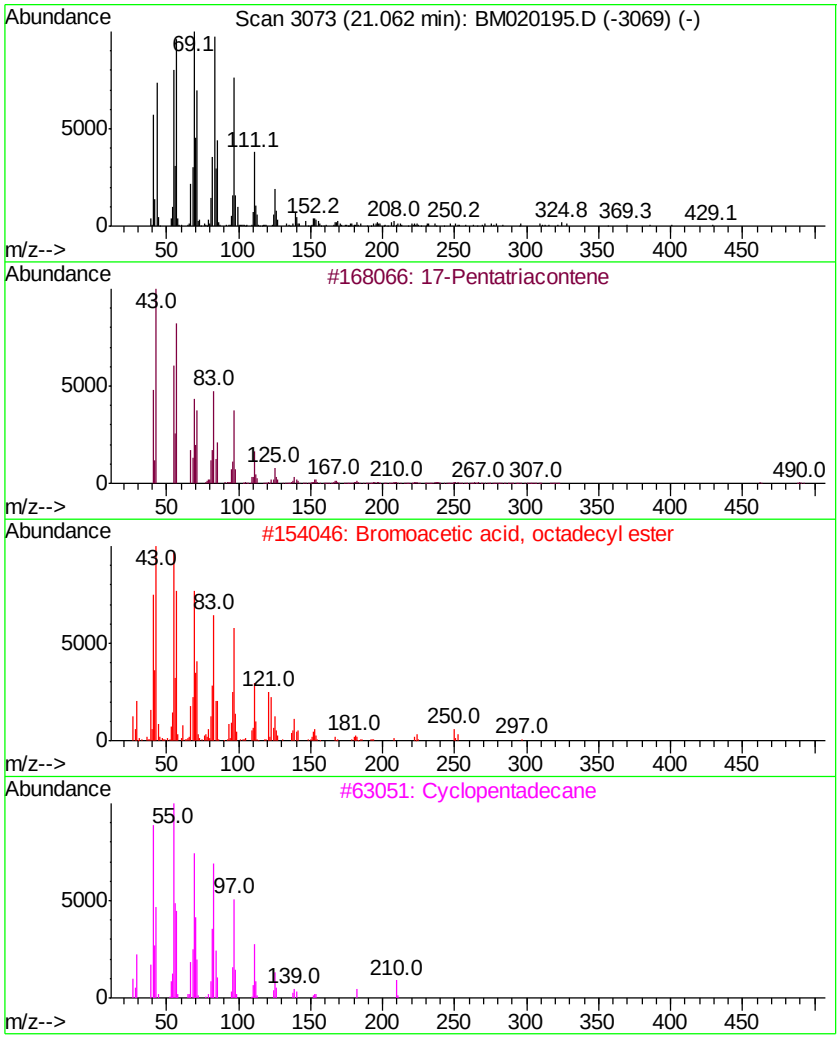
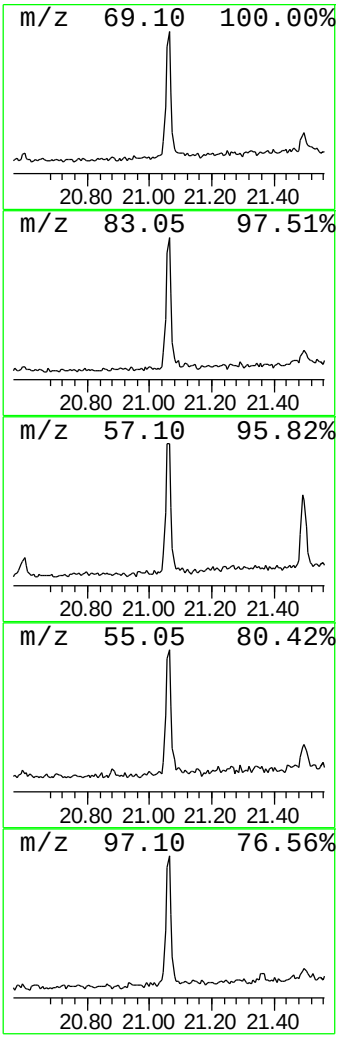
****

Peak Number 5 17-Pentatriacontene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.06	5.94 ng	512301	Chrysene-d12	21.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	17-Pentatriacontene	491	C35H70	006971-40-0	91
2	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	87
3	Cyclopentadecane	210	C15H30	000295-48-7	83
4	Cyclohexadecane	224	C16H32	000295-65-8	83
5	1-Docosene	308	C22H44	001599-67-3	76





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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM043019.M
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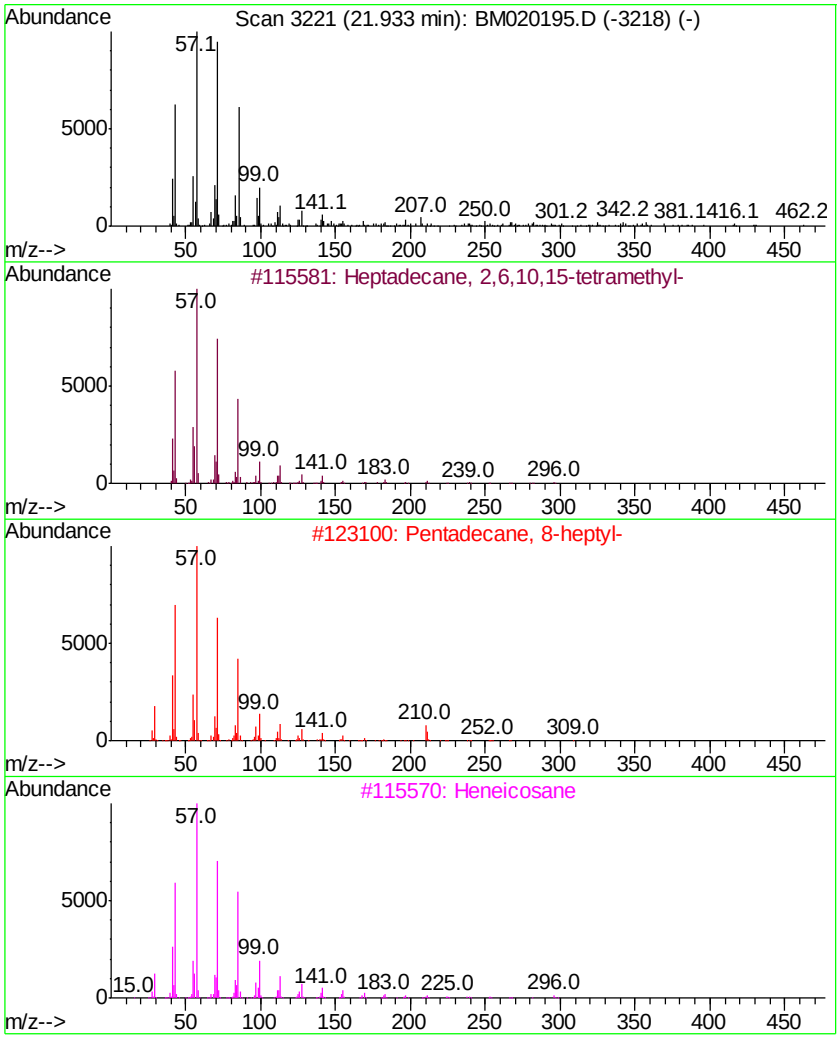
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

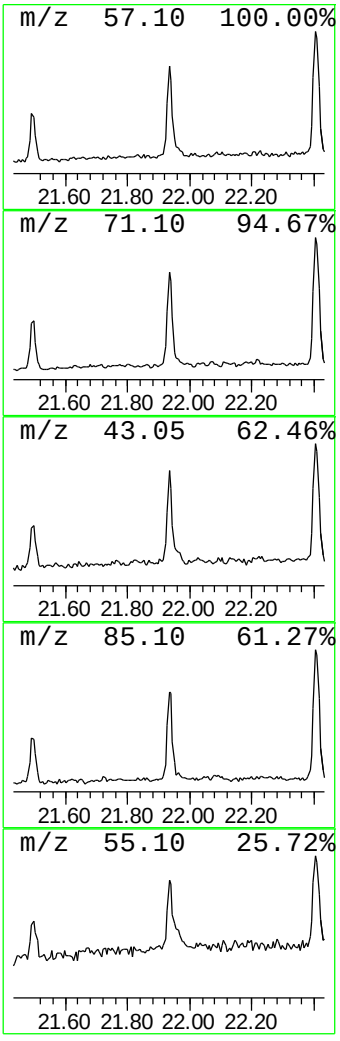
****

Peak Number 6 Heptadecane, 2,6,10,15-tetr... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.93	4.19 ng	361054	Chrysene-d12	21.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	93
2	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	90
3	Heneicosane	296	C21H44	000629-94-7	90
4	Triacontane	422	C30H62	000638-68-6	90
5	Tetradecane	198	C14H30	000629-59-4	87





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Instrument : BNA_M
ClientSampleId : TP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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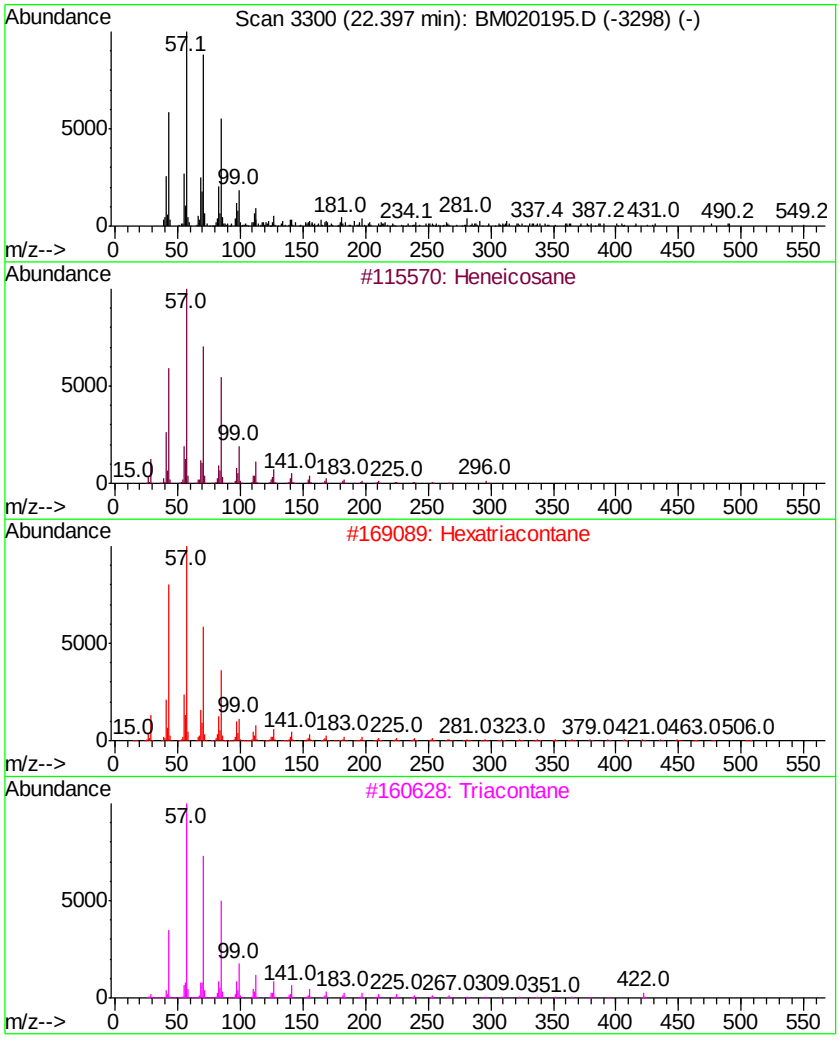
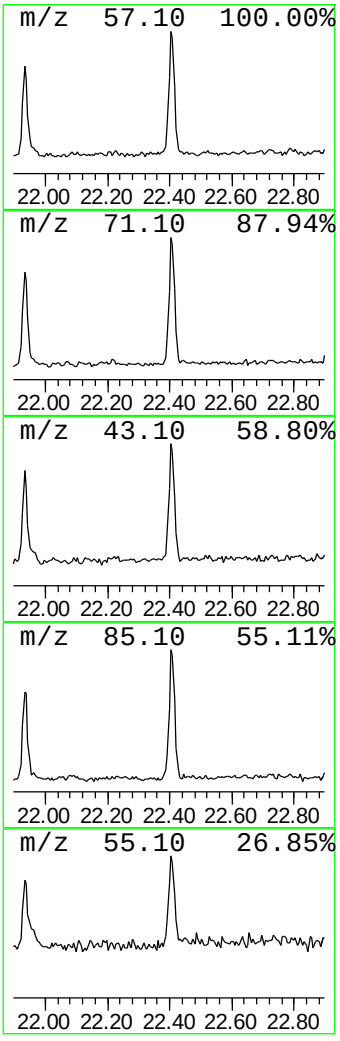
Peak Number 7 Heneicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.40	4.84 ng	417606	Chrysene-d12	21.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	87
2	Hexatriacontane	507	C36H74	000630-06-8	86
3	Triacontane	422	C30H62	000638-68-6	86
4	Heptacosane	380	C27H56	000593-49-7	86
5	Tetradecane, 6,9-dimethyl-	226	C16H34	055045-13-1	80





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TIC Library : C:\DATABASE\NIST02.L
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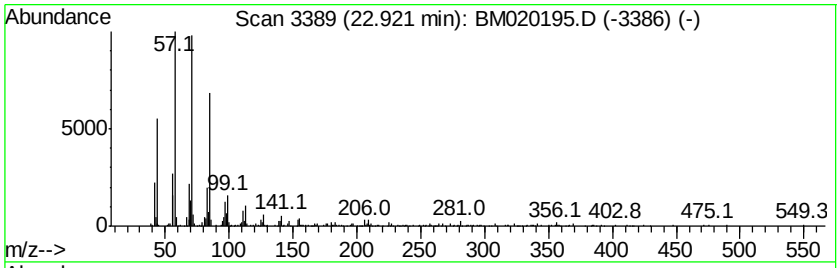
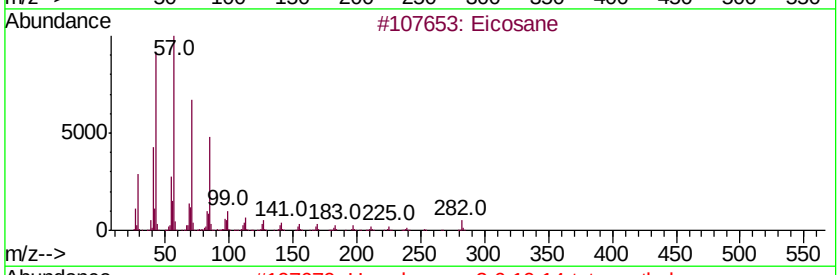
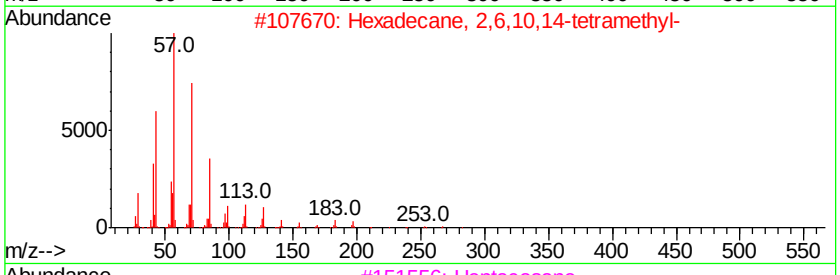
Peak Number 8 Eicosane Concentration Rank 5

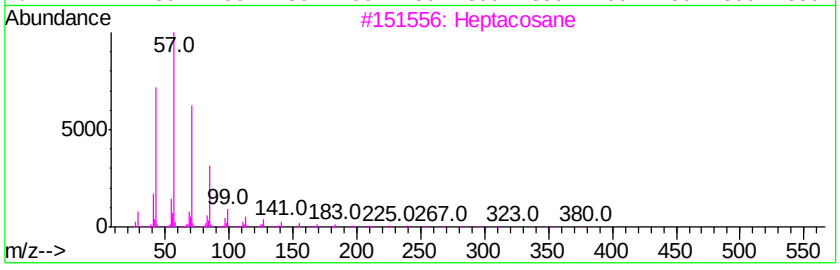
R.T.	EstConc	Area	Relative to ISTD	R.T.
22.92	6.06 ng	506394	Perylene-d12	23.66

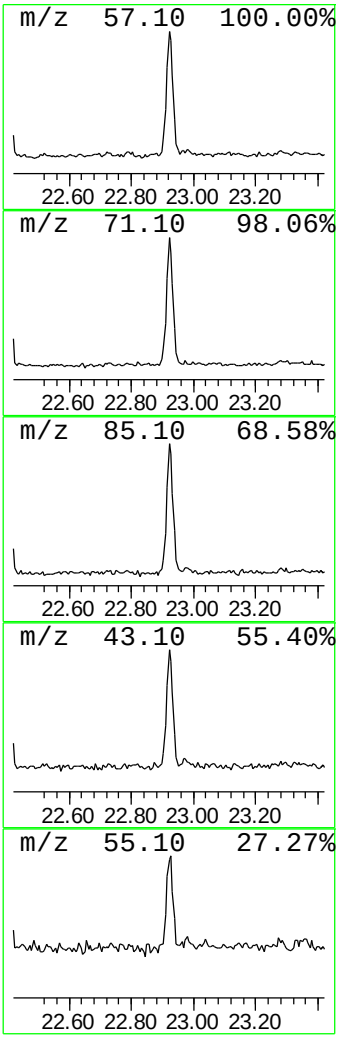
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	86
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	76
3	Heptacosane	380	C27H56	000593-49-7	74
4	Octacosane	394	C28H58	000630-02-4	74
5	Hexadecane	226	C16H34	000544-76-3	72











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Instrument : BNA_M
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM043019.M
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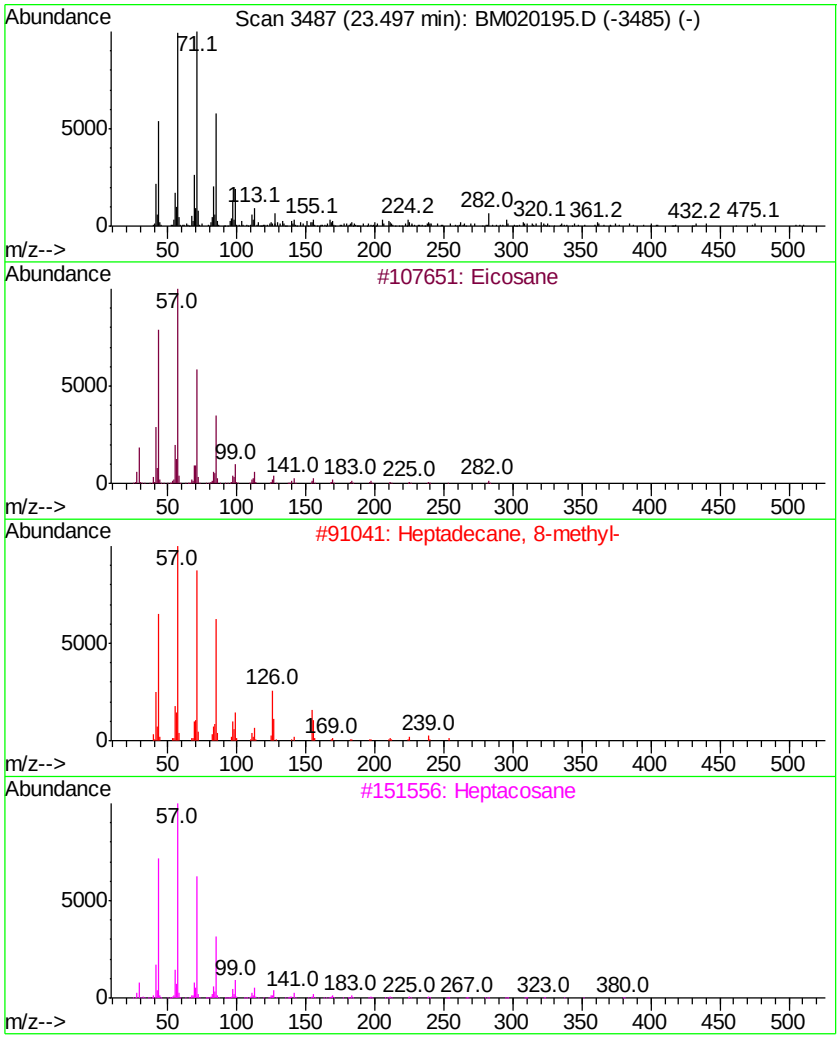
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

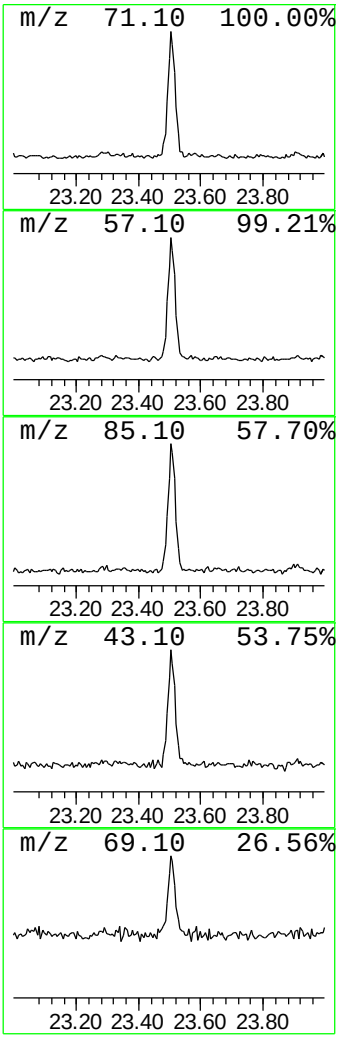
****

Peak Number 9 Heptadecane, 8-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.50	6.53 ng	546120	Perylene-d12	23.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	91
3	Heptacosane	380	C27H56	000593-49-7	91
4	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
5	Nonacosane	408	C29H60	000630-03-5	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM050819\
Data File : BM020195.D
Acq On : 08 May 2019 15:18
Operator : JU/SJ
Sample : K2668-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM043019.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
unknown7.32	7.32	139.3	ng	5594080	1	7.79	802999	20.0
n-Hexadecanoic acid	18.06	9.4	ng	794520	4	17.18	1695980	20.0
Octadecanoic acid	19.34	3.4	ng	290562	5	21.36	1724050	20.0
17-Pentatriacontene	21.06	5.9	ng	512301	5	21.36	1724050	20.0
Heptadecane, 2,6,...	21.93	4.2	ng	361054	5	21.36	1724050	20.0
Heneicosane	22.40	4.8	ng	417606	5	21.36	1724050	20.0
Eicosane	22.92	6.1	ng	506394	6	23.66	1672620	20.0
Heptadecane, 8-me...	23.50	6.5	ng	546120	6	23.66	1672620	20.0