LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031219\
Data File : BM019137.D
Acq On : 13 Mar 2019 07:52
Operator : JU/SJ
Sample : K1824-09
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-28

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	5.263	363	370	384	rBV	4150516	6319174	36.22%	7.140%
2	6.845	631	639	659	rBV	4567413	7405191	42.44%	8.367%
3	7.198	691	699	710	rBV	4522955	7182878	41.17%	8.116%
4	7.657	769	777	786	rBV	780275	1251555	7.17%	1.414%
5	7.975	824	831	844	rBV	2894521	4634947	26.56%	5.237%
6	8.828	969	976	1000	rBV	2315138	4093514	23.46%	4.625%
7	10.445	1244	1251	1263	rBV	981695	1754481	10.05%	1.982%
8	12.927	1666	1673	1697	rBV	6608793	9601972	55.03%	10.849%
9	13.780	1810	1818	1833	rBV	419176	668058	3.83%	0.755%
10	14.316	1902	1909	1921	rBV2	1751535	2731555	15.65%	3.086%
11	15.816	2157	2164	2182	rBV	6699662	9729366	55.76%	10.993%
12	17.068	2370	2377	2395	rBV	2449608	3628573	20.80%	4.100%
13	17.957	2523	2528	2547	rBV	310216	602962	3.46%	0.681%
14	19.245	2743	2747	2758	rBV2	101048	188543	1.08%	0.213%
15	19.703	2819	2825	2839	rBV	13595156	17448952	100.00%	19.715%
16	20.962	3035	3039	3048	rBV	803085	966813	5.54%	1.092%
17	21.262	3085	3090	3103	rBV	3103297	4232257	24.26%	4.782%
18	21.397	3110	3113	3119	rBV	162499	203641	1.17%	0.230%
19	21.833	3183	3187	3194	rBV	240019	359191	2.06%	0.406%
20	22.286	3261	3264	3272	rVB	345806	445364	2.55%	0.503%
21	22.792	3346	3350	3356	rVB	349932	504960	2.89%	0.571%
22	23.356	3441	3446	3453	rVB	344444	583444	3.34%	0.659%
23	23.503	3465	3471	3482	rVB	1886669	3519934	20.17%	3.977%
24	23.991	3551	3554	3563	rVB	259598	447300	2.56%	0.505%

Sum of corrected areas: 88504625

LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031219\
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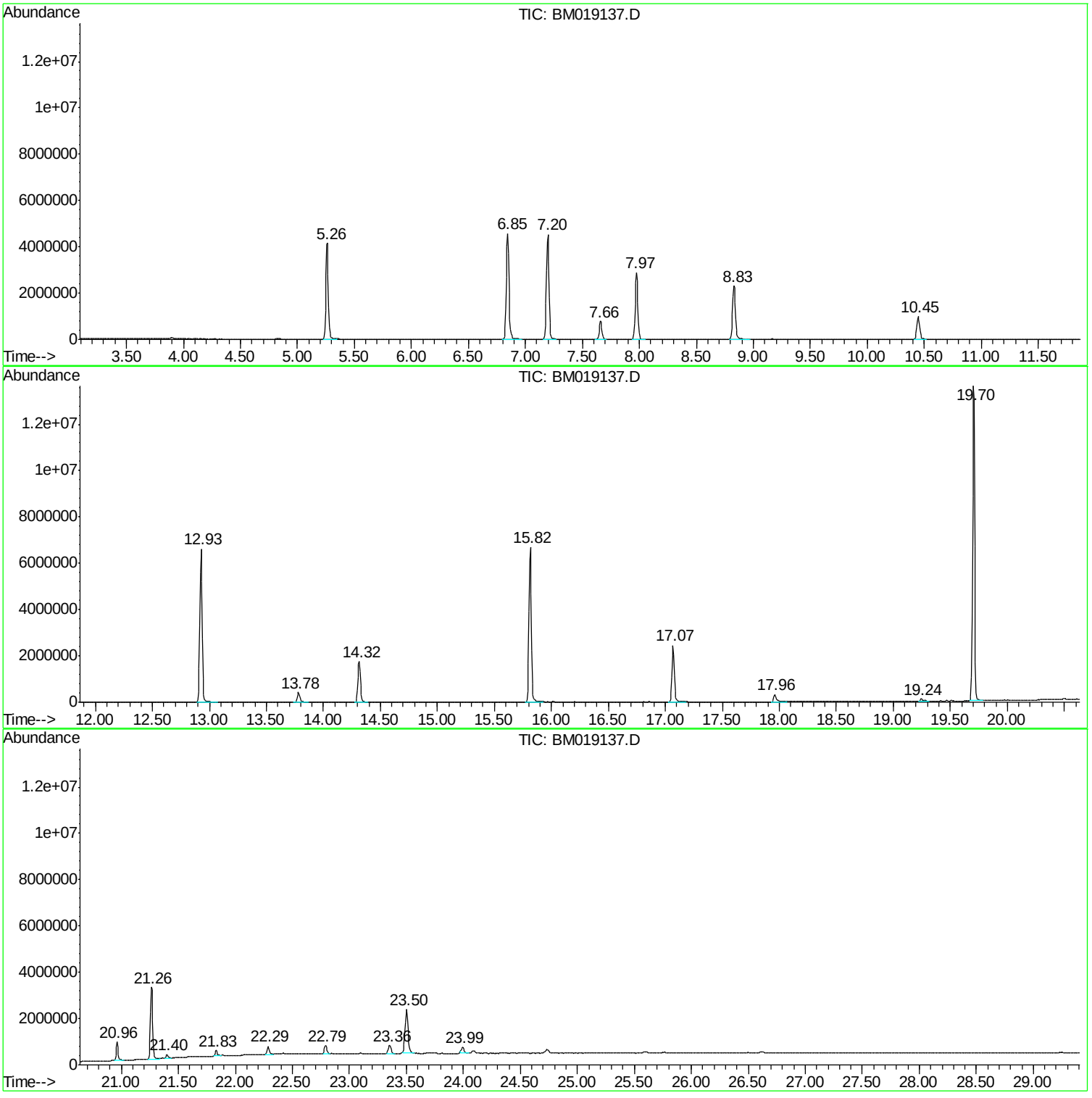
Operator : JU/SJ
Sample : K1824-09
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-28

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\BM031219\
Data File : BM019137.D
Acq On : 13 Mar 2019 07:52
Operator : JU/SJ
Sample : K1824-09
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-28

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

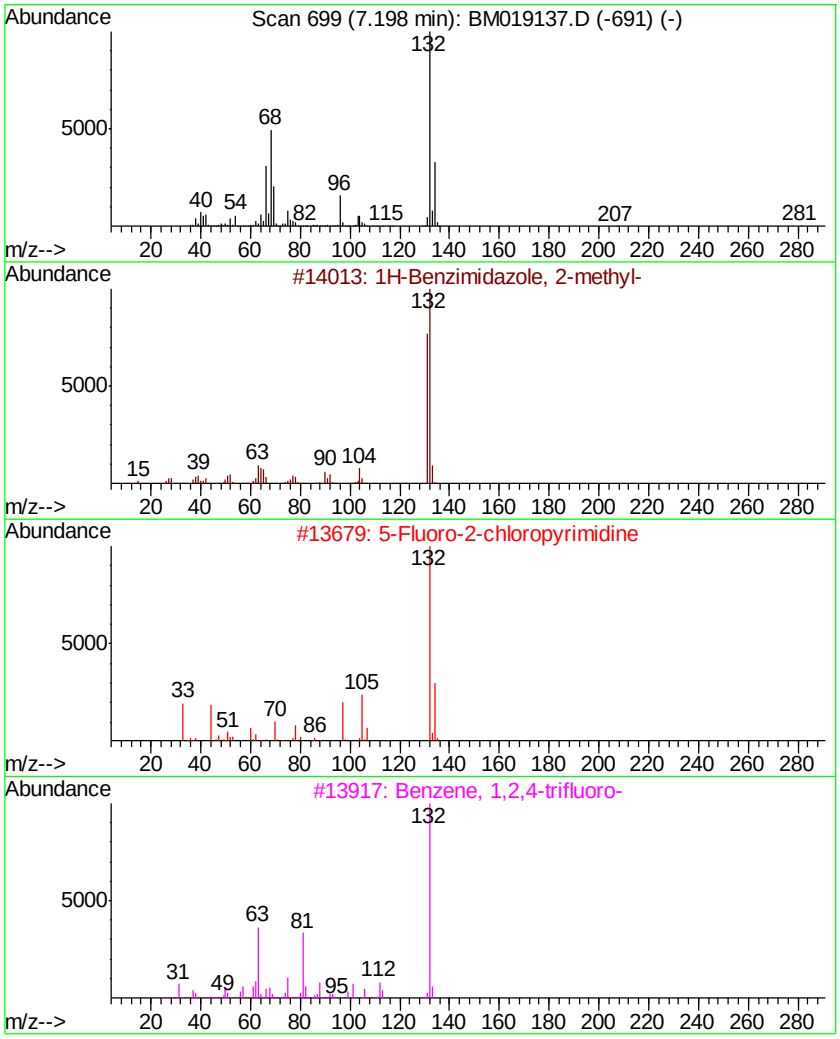
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

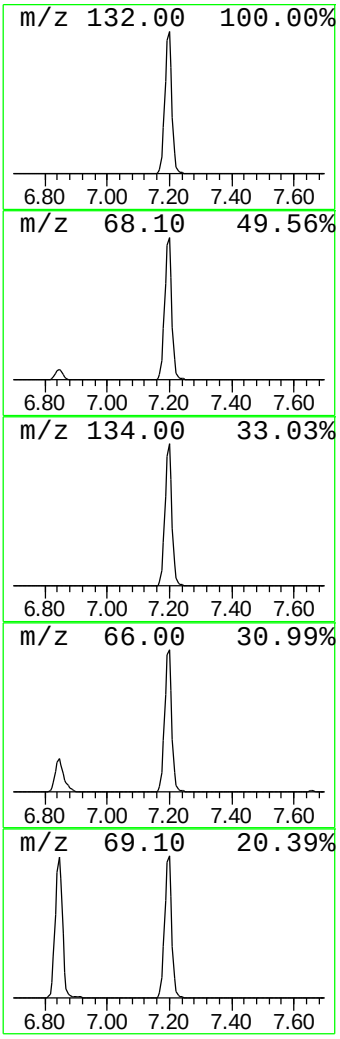
****

Peak Number 1 unknown7.20 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.20	114.78 ng	7182880	1,4-Dichlorobenzene-d4	7.66

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	Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	9
4	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031219\
Data File : BM019137.D
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Operator : JU/SJ
Sample : K1824-09
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-28

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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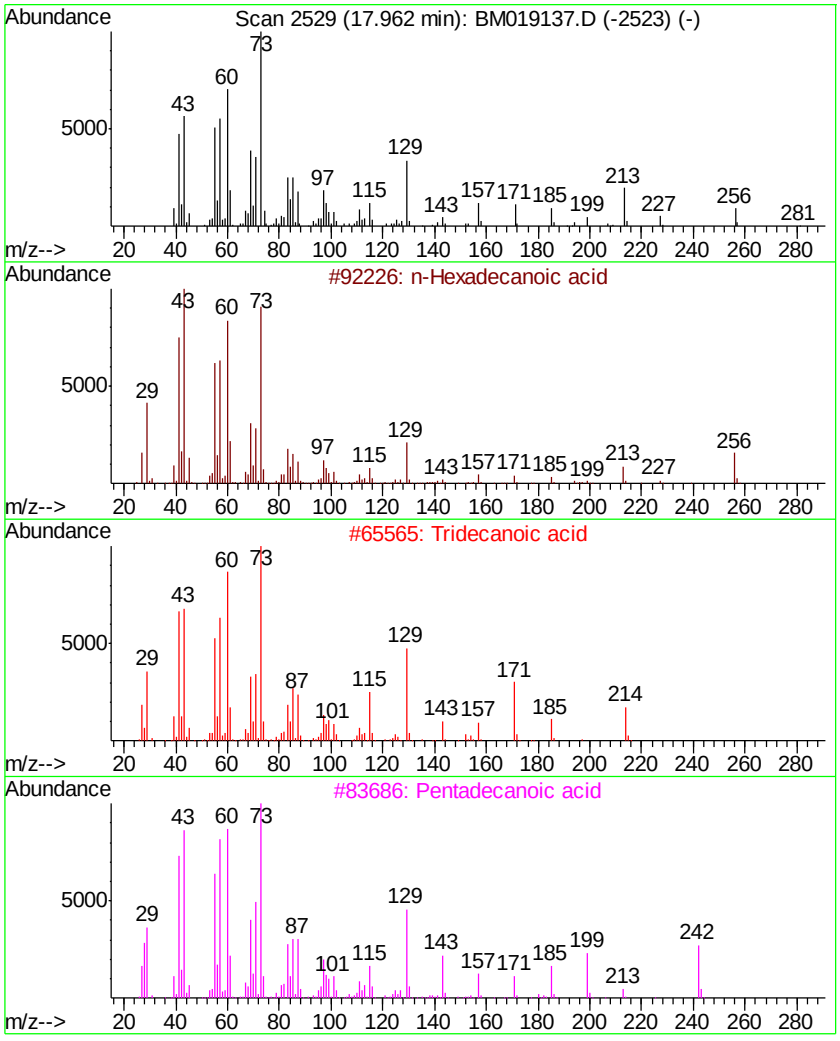
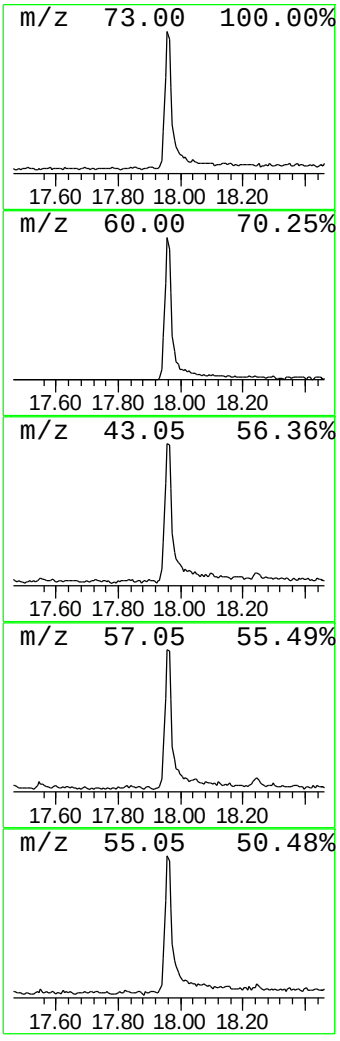
Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.96	3.32 ng	602962	Phenanthrene-d10	17.07

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	76
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	74
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	53
5	.alpha.-D-Glucopyranoside, .alph...	342	C12H22O11	000099-20-7	50





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031219\
Data File : BM019137.D
Acq On : 13 Mar 2019 07:52
Operator : JU/SJ
Sample : K1824-09
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-28

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

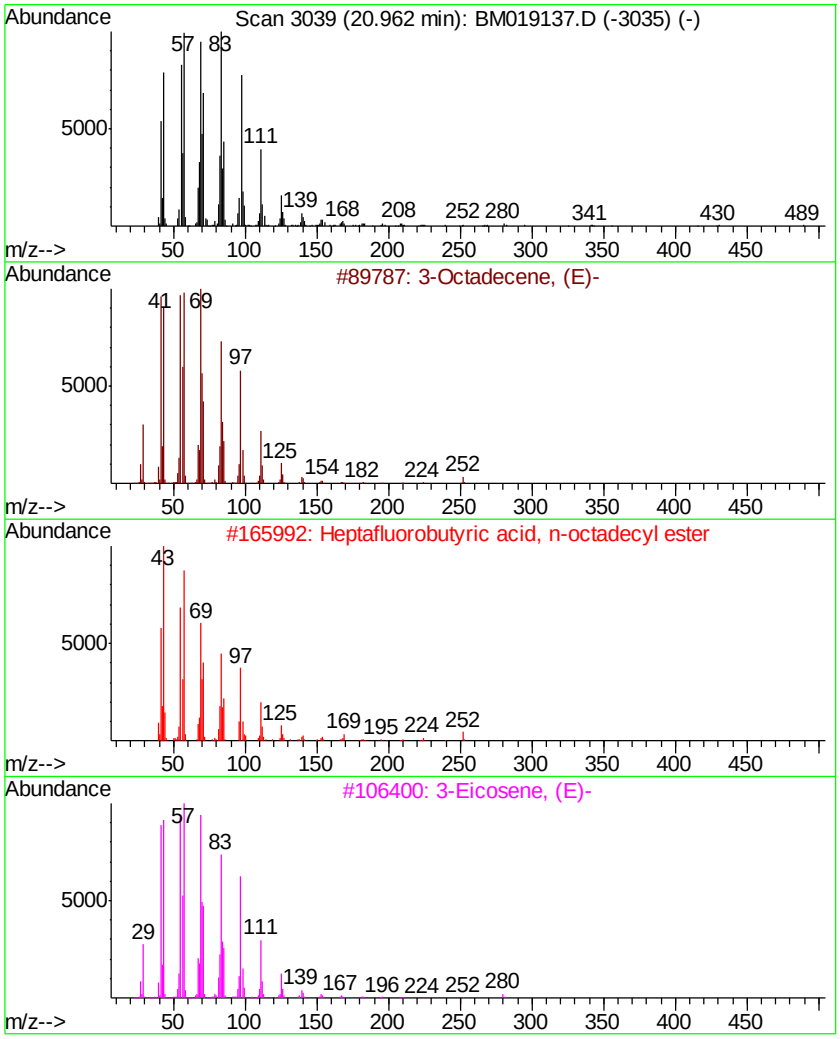
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

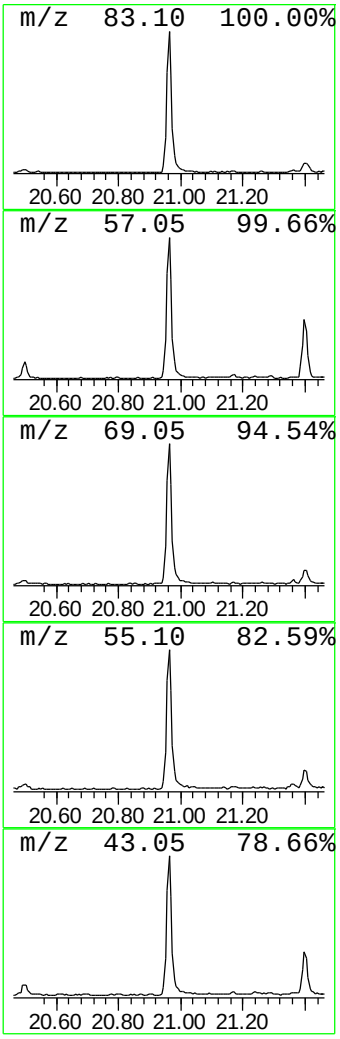
****

Peak Number 4 3-Octadecene, (E)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.96	4.57 ng	966813	Chrysene-d12	21.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Octadecene, (E)-	252	C18H36	007206-19-1	96
2	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	91
3	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
4	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91





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Data File : BM019137.D
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Operator : JU/SJ
Sample : K1824-09
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-28

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

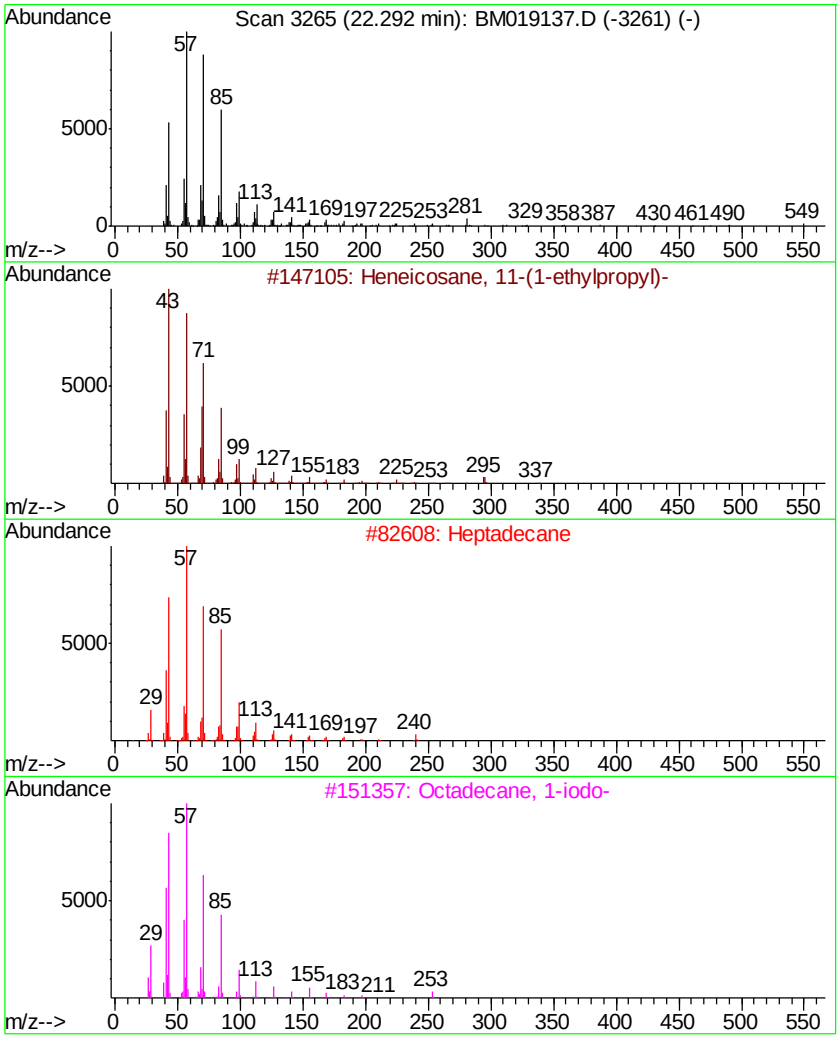
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

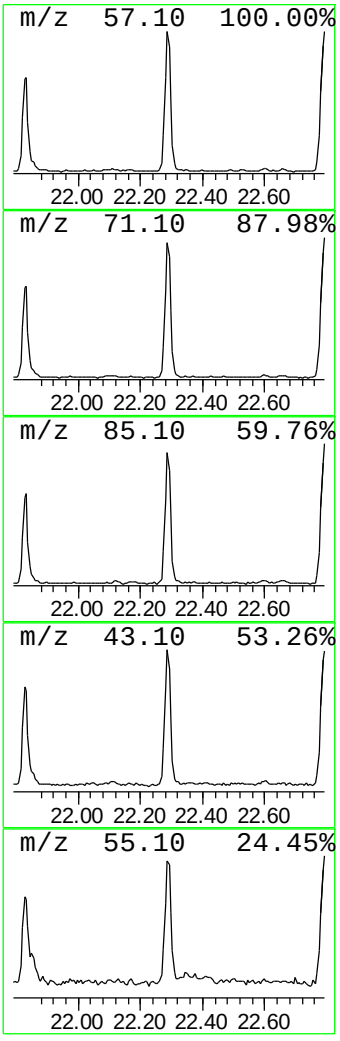
****

Peak Number 5 Heneicosane, 11-(1-ethylpro... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.29	2.10 ng	445364	Chrysene-d12	21.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
2	Heptadecane	240	C17H36	000629-78-7	91
3	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	87
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
5	Octadecane	254	C18H38	000593-45-3	83





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031219\
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Operator : JU/SJ
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Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-28

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM031119.M
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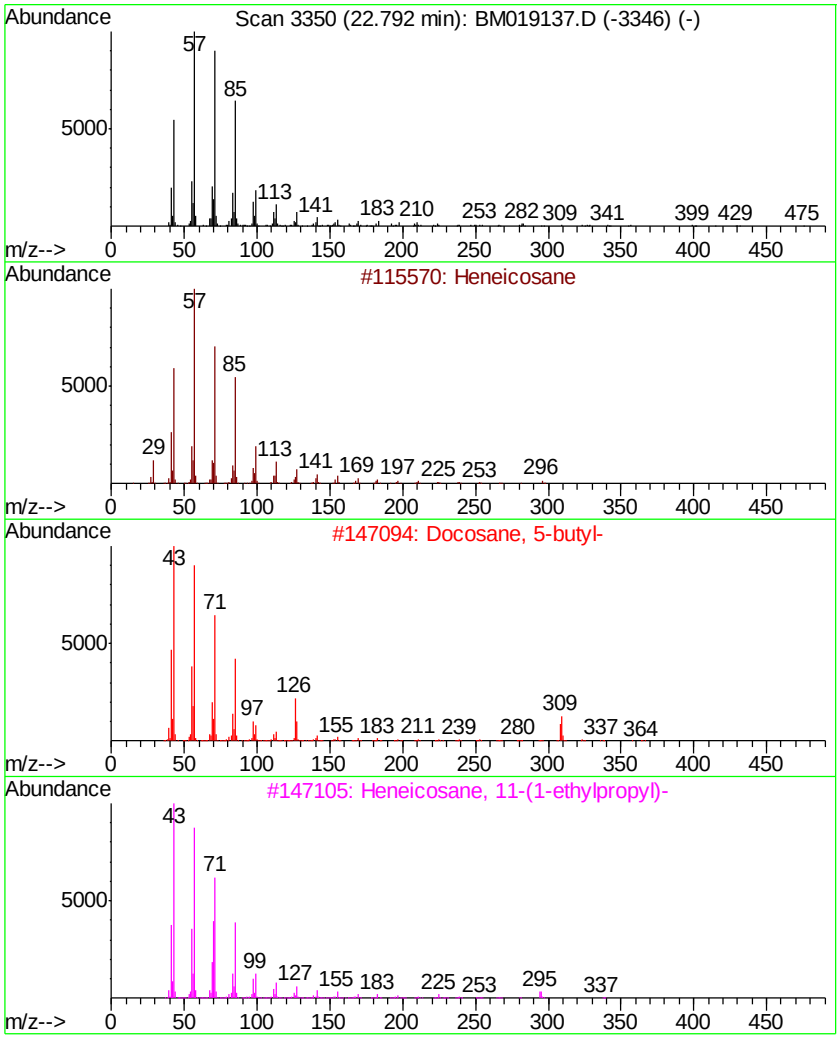
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

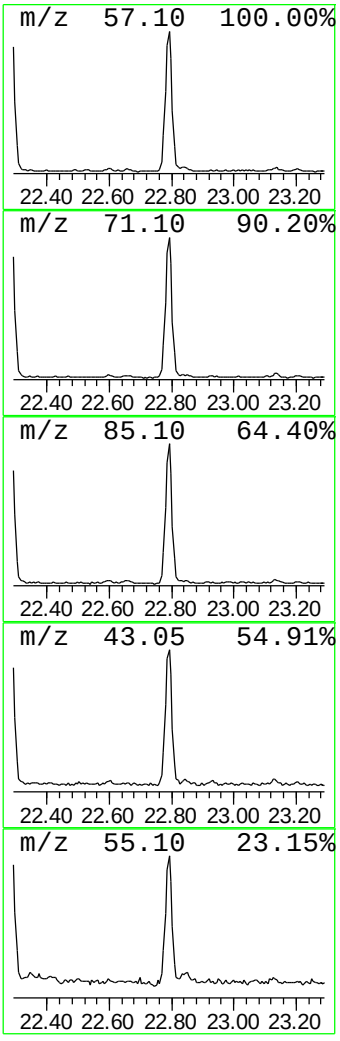
****

Peak Number 6 Heneicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.79	2.87 ng	504960	Perylene-d12	23.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Docosane, 5-butyl-	366	C26H54	055282-16-1	90
3	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	90
4	10-Methylnonadecane	282	C20H42	056862-62-5	90
5	Eicosane	282	C20H42	000112-95-8	87





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Sample : K1824-09
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-28

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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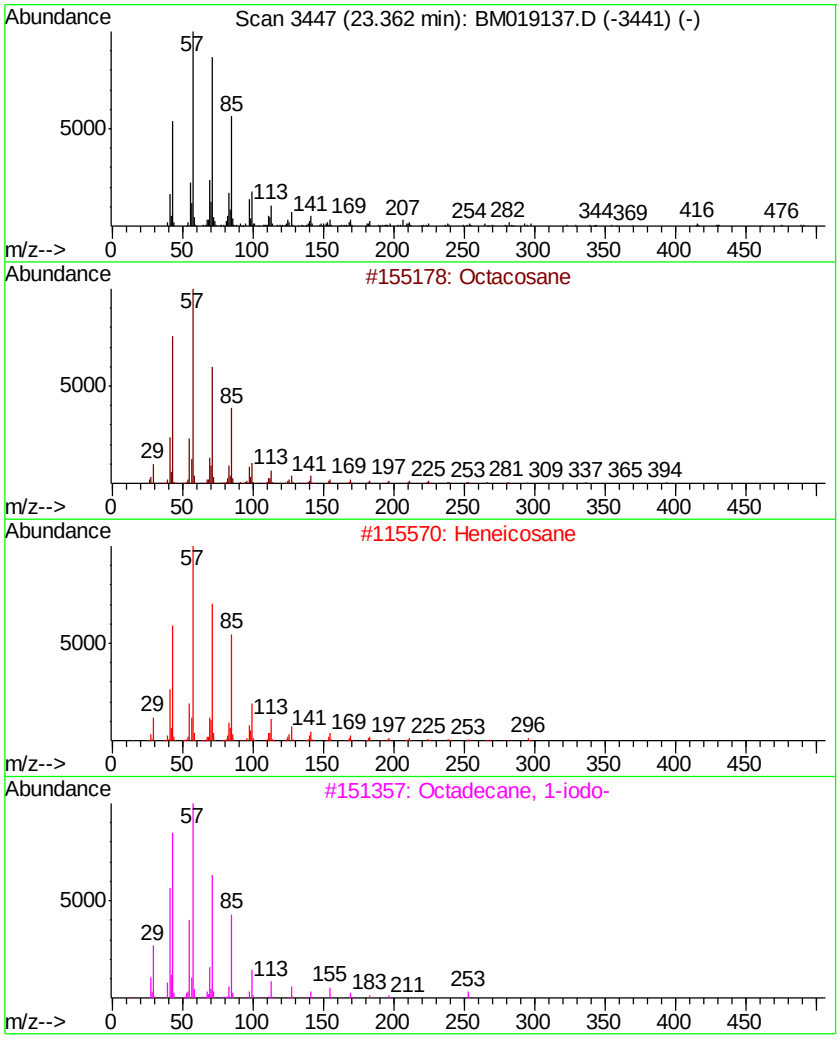
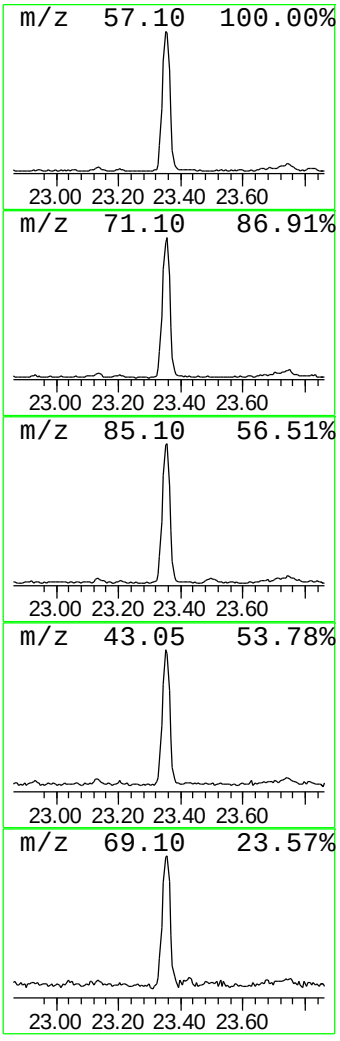
Peak Number 7 Octacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.36	3.32 ng	583444	Perylene-d12	23.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	91
2	Heneicosane	296	C21H44	000629-94-7	90
3	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	87
4	Eicosane	282	C20H42	000112-95-8	81
5	Hexadecane	226	C16H34	000544-76-3	80





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Misc :
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Instrument : BNA_M
ClientSampleId : TP-28

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

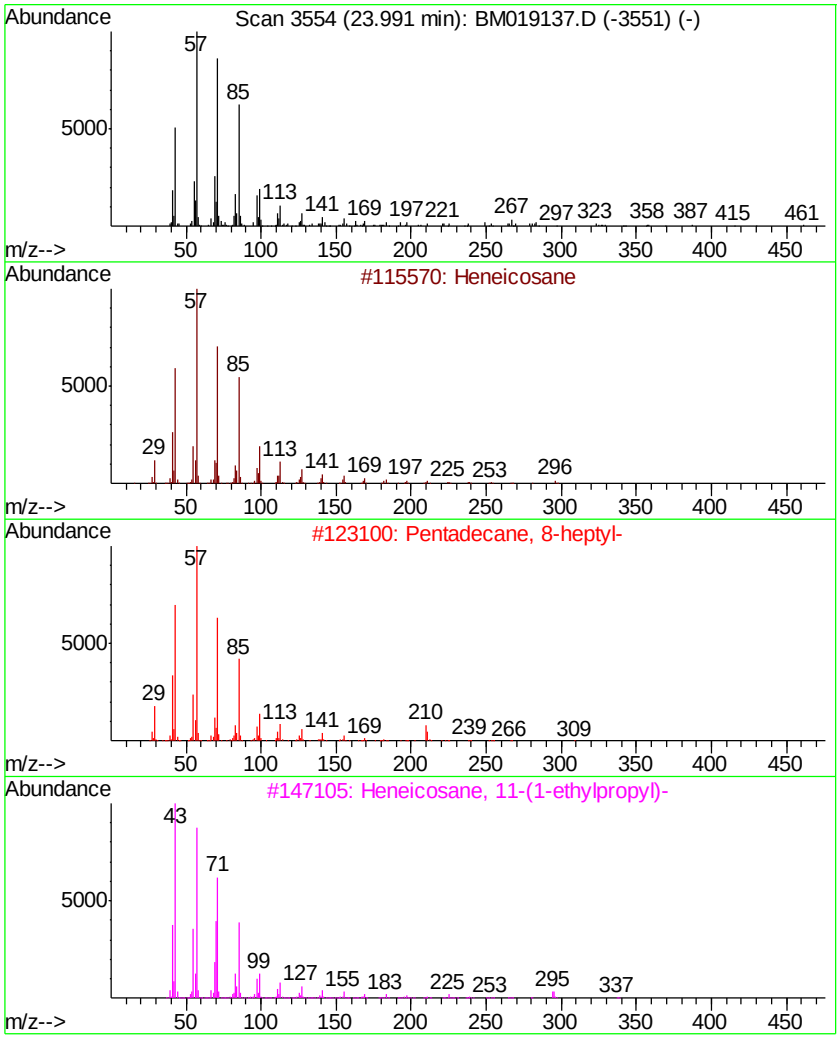
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

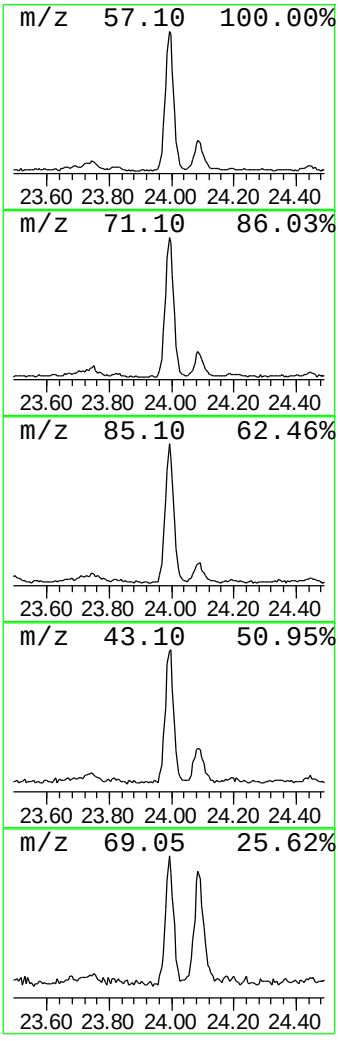
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.99	2.54 ng	447300	Perylene-d12	23.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	90
3	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	90
4	Octadecane	254	C18H38	000593-45-3	86
5	Hexadecane	226	C16H34	000544-76-3	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM031219\
Data File : BM019137.D
Acq On : 13 Mar 2019 07:52
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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
unknown7.20	7.20	114.8	ng	7182880	1	7.66	1251560	20.0
n-Hexadecanoic acid	17.96	3.3	ng	602962	4	17.07	3628570	20.0
3-Octadecene, (E)-	20.96	4.6	ng	966813	5	21.26	4232260	20.0
Heneicosane, 11-(...	22.29	2.1	ng	445364	5	21.26	4232260	20.0
Heneicosane	22.79	2.9	ng	504960	6	23.50	3519930	20.0
Octacosane	23.36	3.3	ng	583444	6	23.50	3519930	20.0
Pentadecane, 8-he...	23.99	2.5	ng	447300	6	23.50	3519930	20.0