LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031119\
Data File : BM019100.D
Acq On : 11 Mar 2019 19:25
Operator : JU/SJ
Sample : PB117788BL
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PB117788BL

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	5.257	363	369	380	rBV	590114	942702	37.98%	6.337%
2	6.840	631	638	651	rBV	551331	982595	39.58%	6.605%
3	7.193	690	698	712	rBV	618181	1042659	42.00%	7.009%
4	7.663	771	778	788	rVB	140763	235993	9.51%	1.586%
5	7.975	825	831	839	rBV	465688	778150	31.35%	5.231%
6	8.834	970	977	988	rBV	276642	536618	21.62%	3.607%
7	10.451	1245	1252	1261	rBV	161249	294543	11.87%	1.980%
8	12.927	1666	1673	1691	rBV	860144	1363403	54.92%	9.165%
9	14.316	1904	1909	1920	rVB2	246230	398448	16.05%	2.679%
10	15.816	2158	2164	2174	rBV	712142	1114156	44.88%	7.490%
11	17.074	2371	2378	2388	rBV2	312868	509178	20.51%	3.423%
12	17.962	2523	2529	2543	rBV2	100209	260374	10.49%	1.750%
13	19.251	2743	2748	2761	rBV	203579	484510	19.52%	3.257%
14	19.704	2820	2825	2835	rBV	1932434	2482310	100.00%	16.687%
15	20.415	2942	2946	2949	rBV3	56835	73946	2.98%	0.497%
16	21.268	3087	3091	3102	rBV	504032	775794	31.25%	5.215%
17	21.409	3112	3115	3120	rBV	74593	75510	3.04%	0.508%
18	21.839	3184	3188	3192	rBV	162577	212061	8.54%	1.426%
19	22.297	3262	3266	3272	rBV	251090	318301	12.82%	2.140%
20	22.797	3347	3351	3356	rBV	271146	390704	15.74%	2.626%
21	23.362	3443	3447	3457	rVB2	266131	452999	18.25%	3.045%
22	23.509	3467	3472	3482	rVB2	408027	836803	33.71%	5.625%
23	24.003	3553	3556	3562	rVB	179704	314028	12.65%	2.111%

Sum of corrected areas: 14875785

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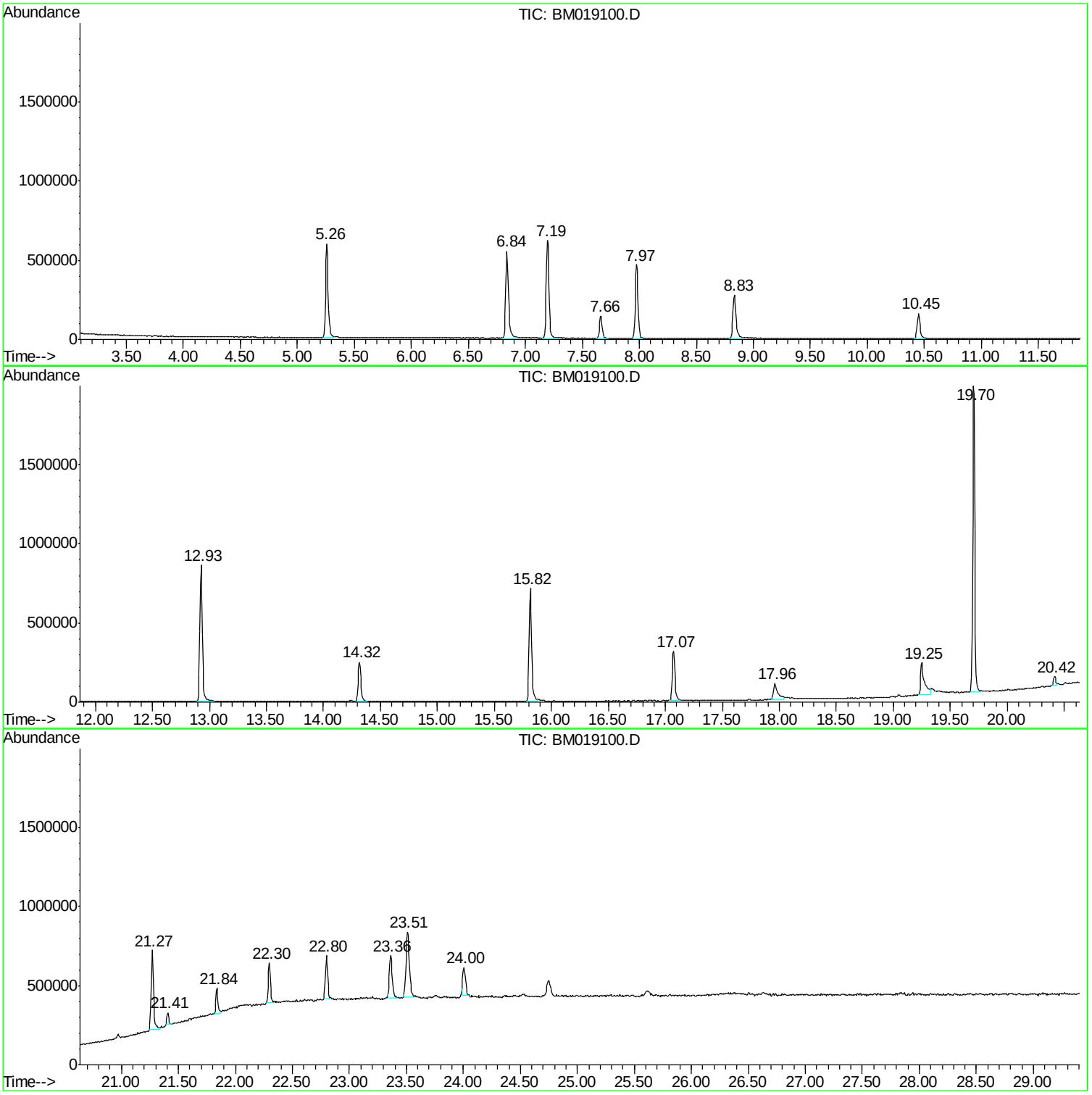
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB117788BL

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\BM031119\
Data File : BM019100.D
Acq On : 11 Mar 2019 19:25
Operator : JU/SJ
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Misc :
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Instrument : BNA_M
ClientSampleId : PB117788BL

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

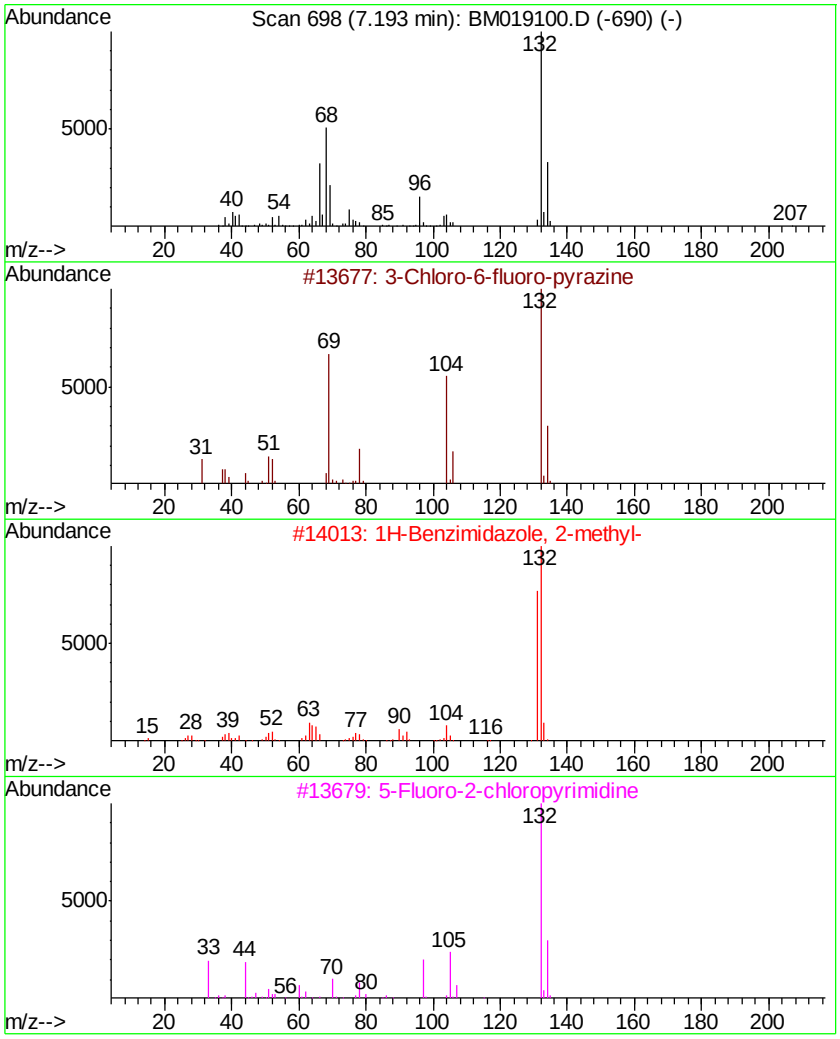
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

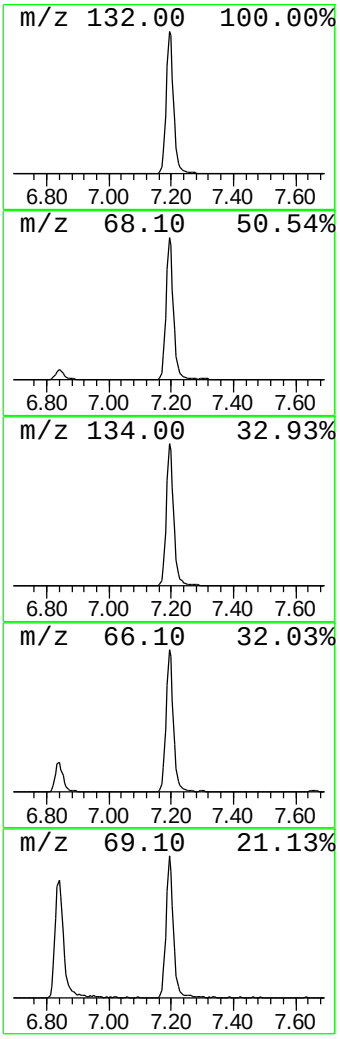
****

Peak Number 1 unknown7.19 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.19	88.36 ng	1042660	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
4	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	11
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





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Data File : BM019100.D
Acq On : 11 Mar 2019 19:25
Operator : JU/SJ
Sample : PB117788BL
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PB117788BL

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
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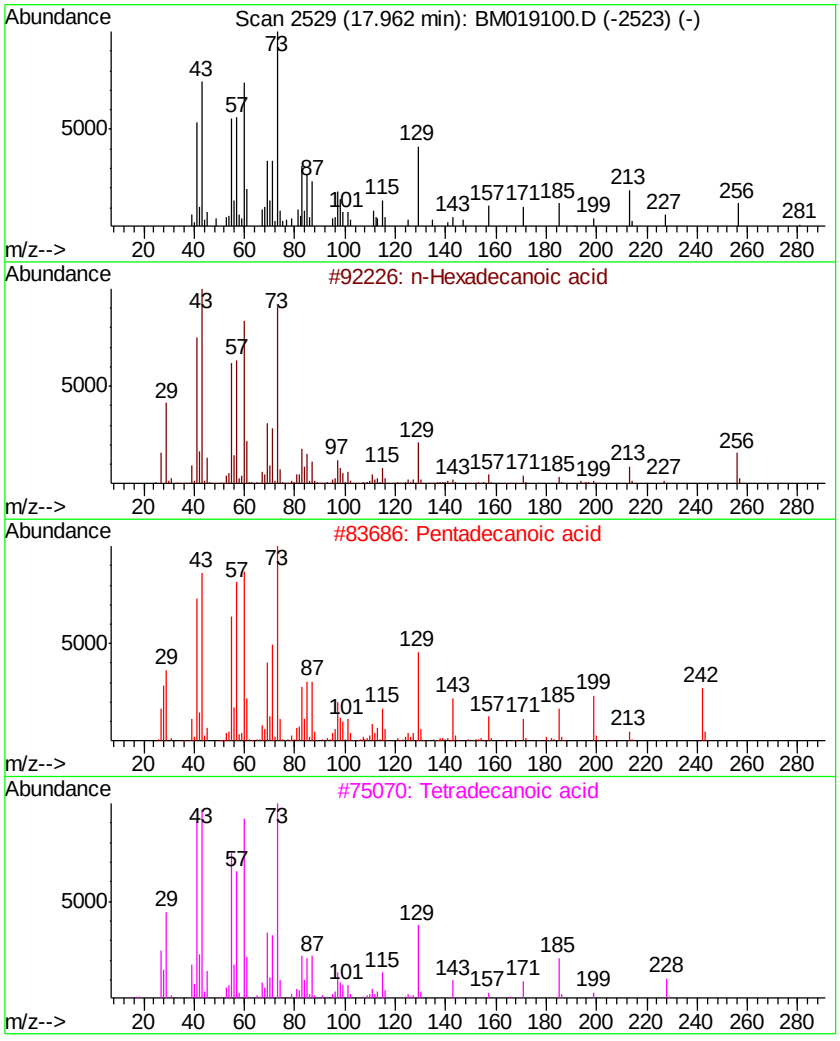
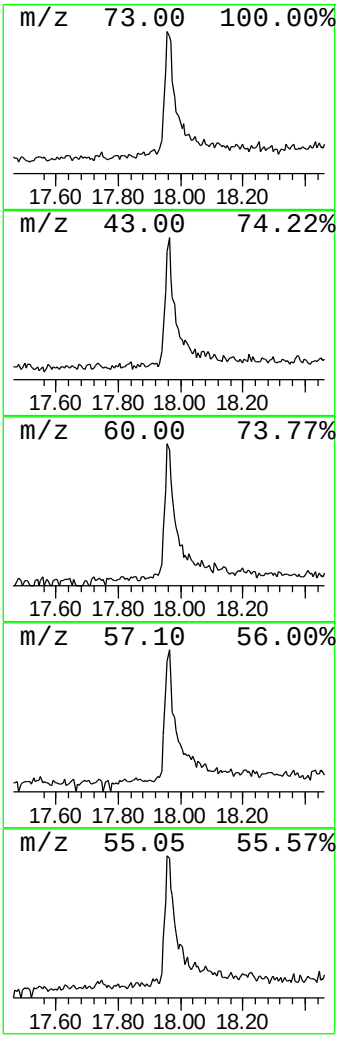
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.96	10.23 ng	260374	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
4	Tridecanoic acid	214	C13H26O2	000638-53-9	68
5	n-Decanoic acid	172	C10H20O2	000334-48-5	47





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031119\
Data File : BM019100.D
Acq On : 11 Mar 2019 19:25
Operator : JU/SJ
Sample : PB117788BL
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PB117788BL

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

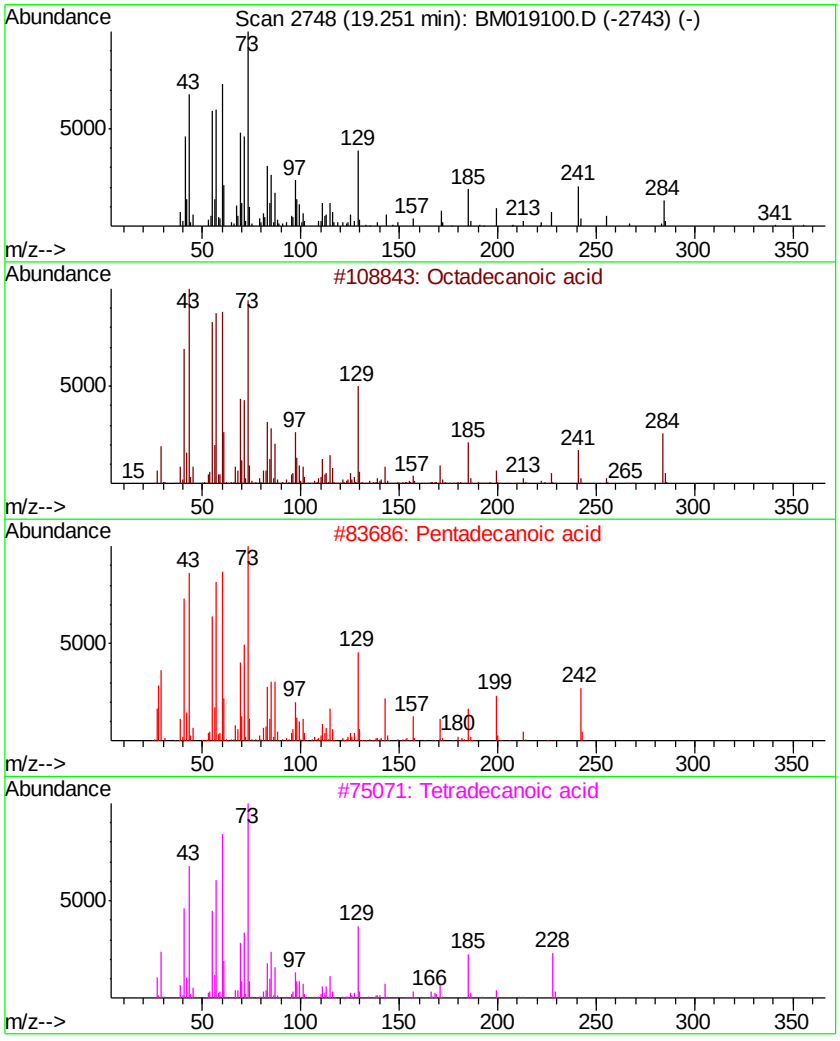
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

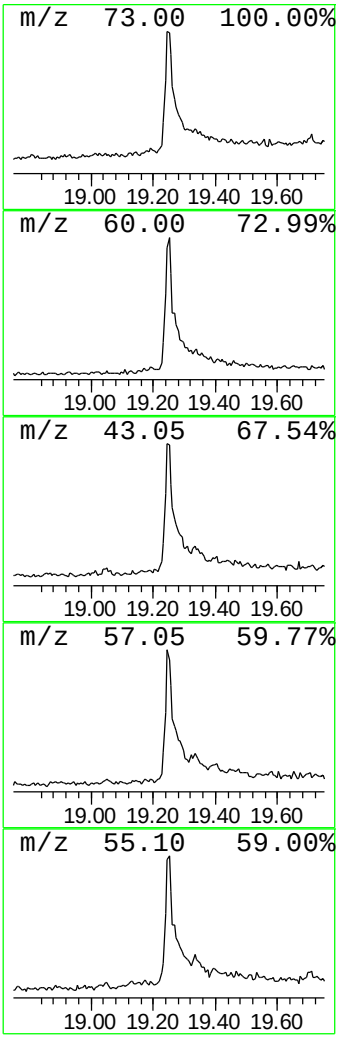
****

Peak Number 4 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.25	12.49 ng	484510	Chrysene-d12	21.27

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	90
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	62
4	n-Decanoic acid	172	C10H20O2	000334-48-5	58
5	Undecanoic acid	186	C11H22O2	000112-37-8	30





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Data File : BM019100.D
Acq On : 11 Mar 2019 19:25
Operator : JU/SJ
Sample : PB117788BL
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PB117788BL

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
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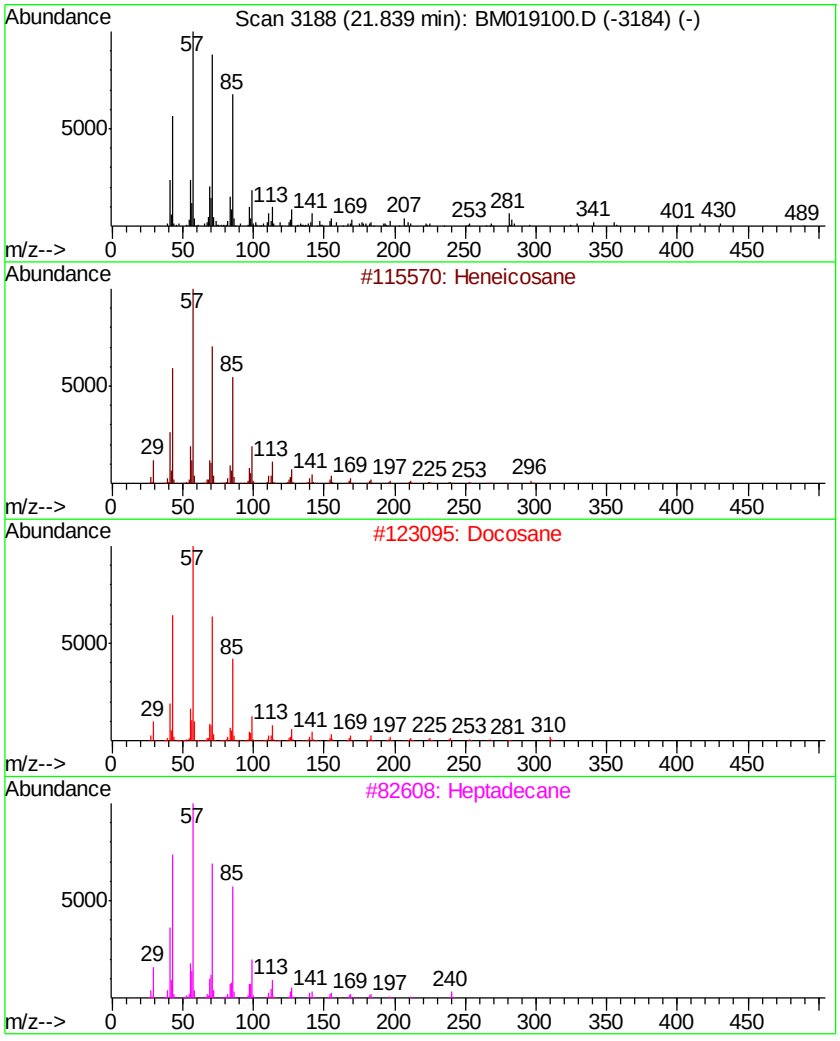
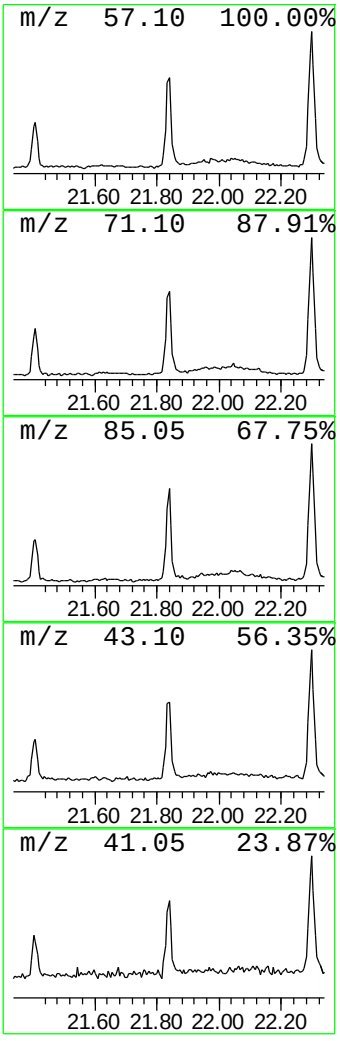
****

Peak Number 5 Heneicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.84	5.47 ng	212061	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	87
2	Docosane	310	C22H46	000629-97-0	86
3	Heptadecane	240	C17H36	000629-78-7	86
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	86
5	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	86





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031119\
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Acq On : 11 Mar 2019 19:25
Operator : JU/SJ
Sample : PB117788BL
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PB117788BL

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

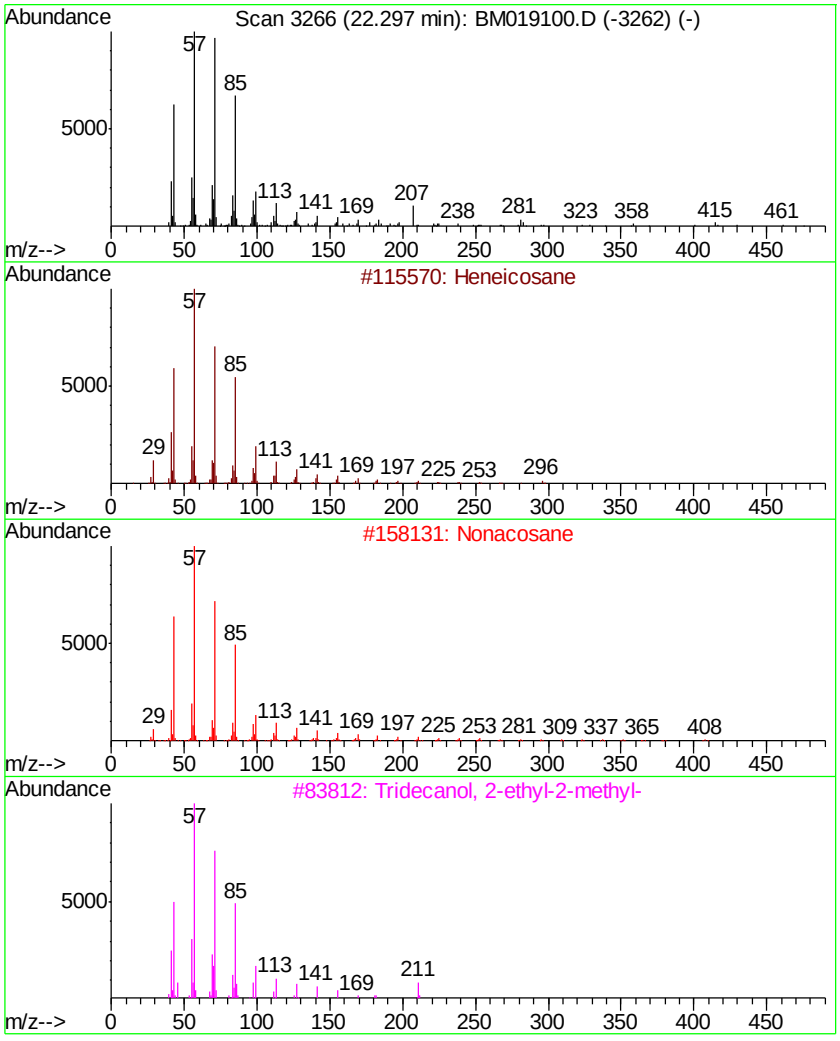
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

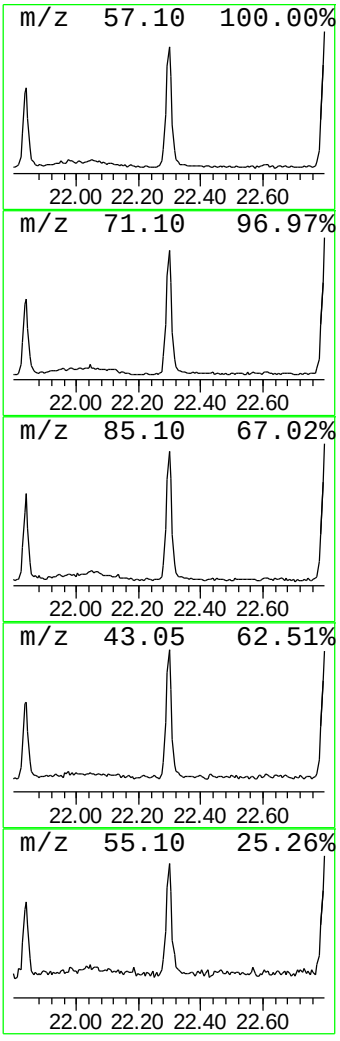
****

Peak Number 6 Nonacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.30	8.21 ng	318301	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	90
2	Nonacosane	408	C29H60	000630-03-5	87
3	Tridecanol, 2-ethyl-2-methyl-	242	C16H34O	1000115-66-1	86
4	Octacosane	394	C28H58	000630-02-4	68
5	Tetracosane	338	C24H50	000646-31-1	64





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Sample : PB117788BL
Misc :
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Instrument : BNA_M
ClientSampleId : PB117788BL

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

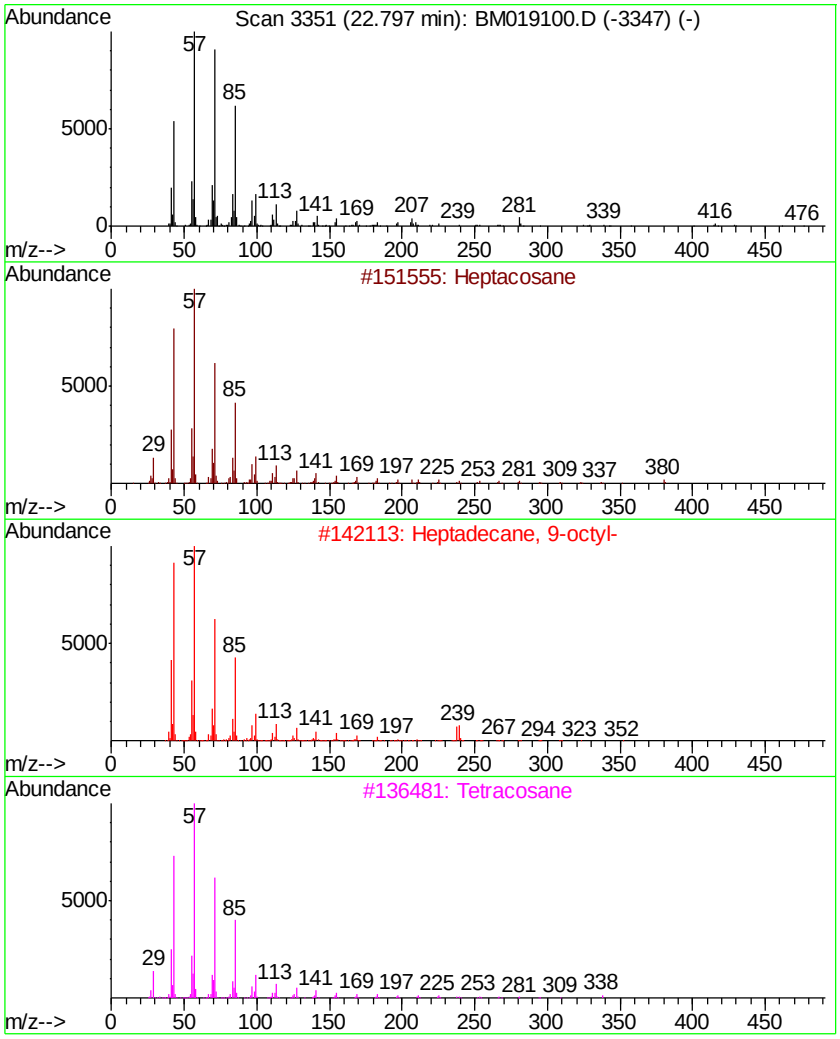
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

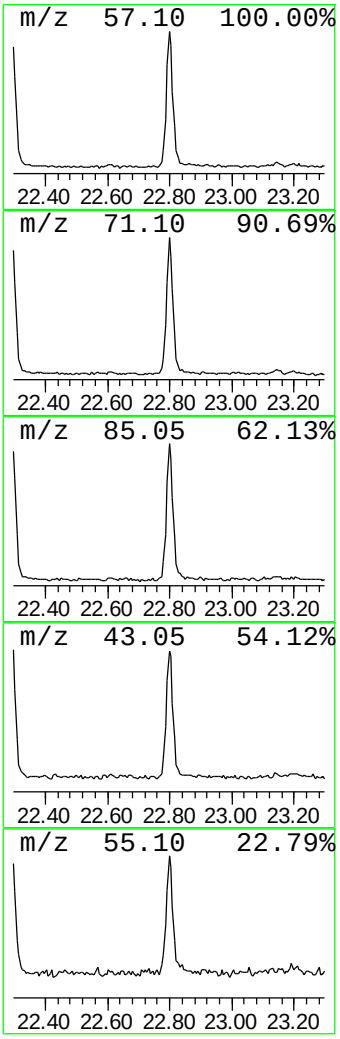
****

Peak Number 7 Heptacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.80	9.34 ng	390704	Perylene-d12	23.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	91
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
3	Tetracosane	338	C24H50	000646-31-1	87
4	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	87
5	Nonacosane	408	C29H60	000630-03-5	87





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Sample : PB117788BL
Misc :
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Instrument : BNA_M
ClientSampleId : PB117788BL

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

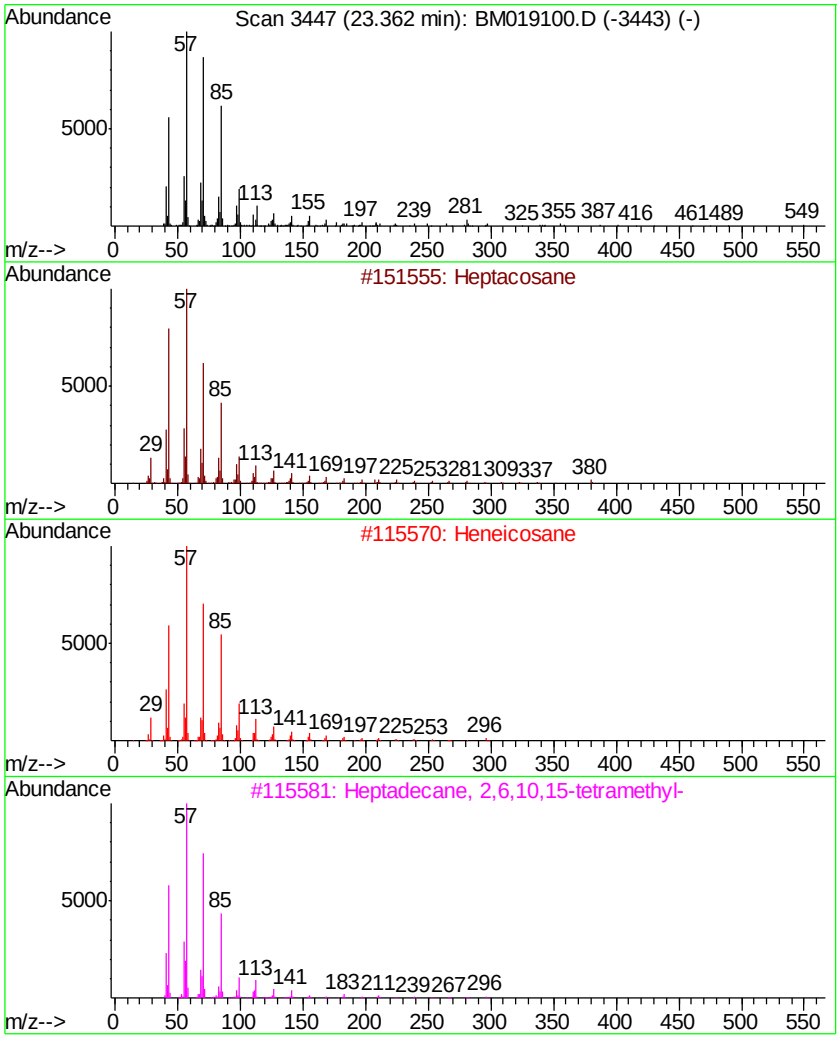
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

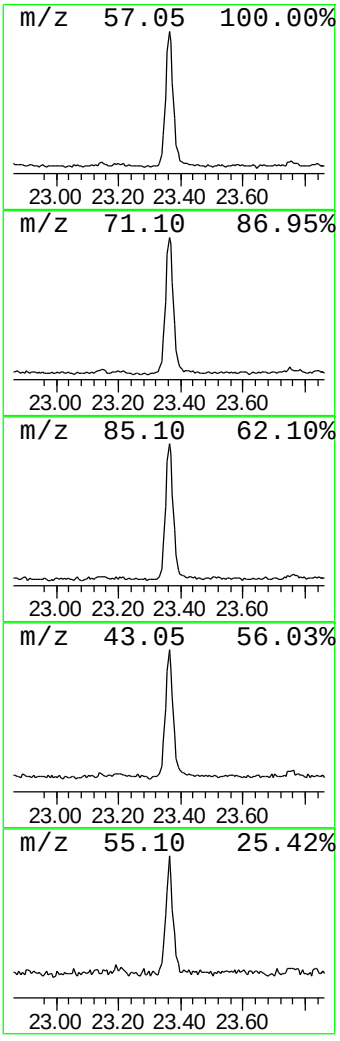
****

Peak Number 8 Heptadecane, 2,6,10,15-tetr... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.36	10.83 ng	452999	Perylene-d12	23.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	91
2	Heneicosane	296	C21H44	000629-94-7	90
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
4	Eicosane	282	C20H42	000112-95-8	90
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87





Library Search Compound Report

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Instrument : BNA_M
ClientSampleId : PB117788BL

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

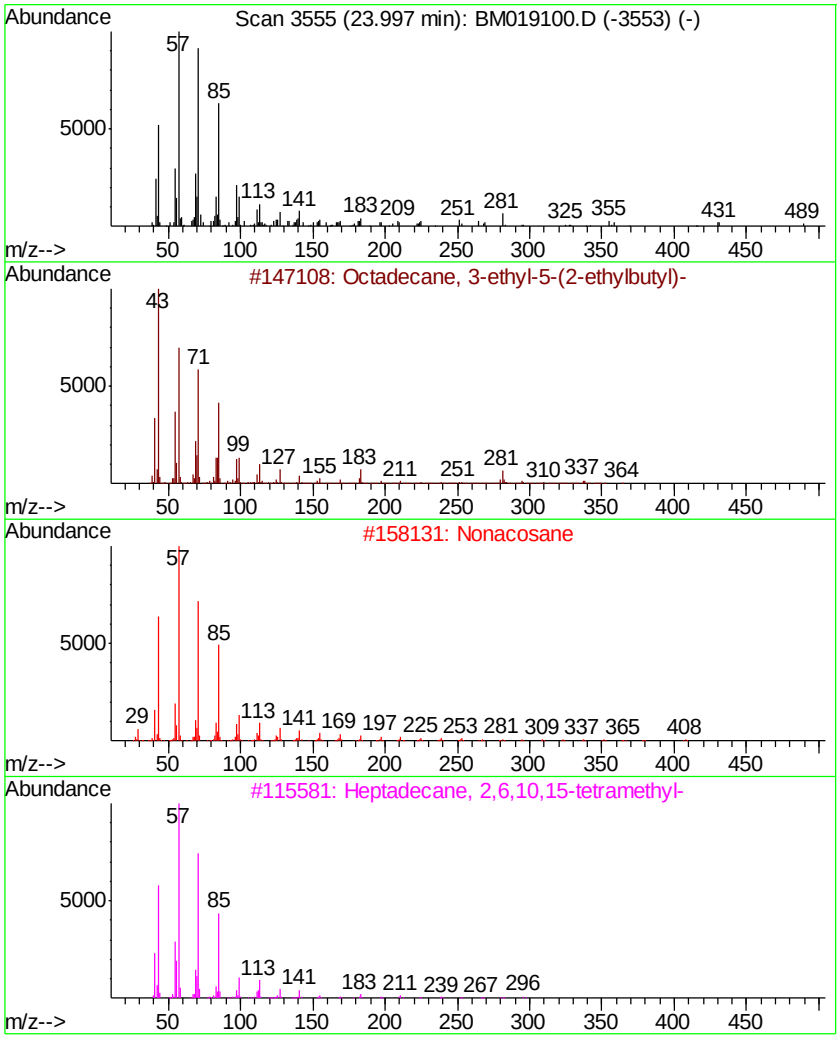
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

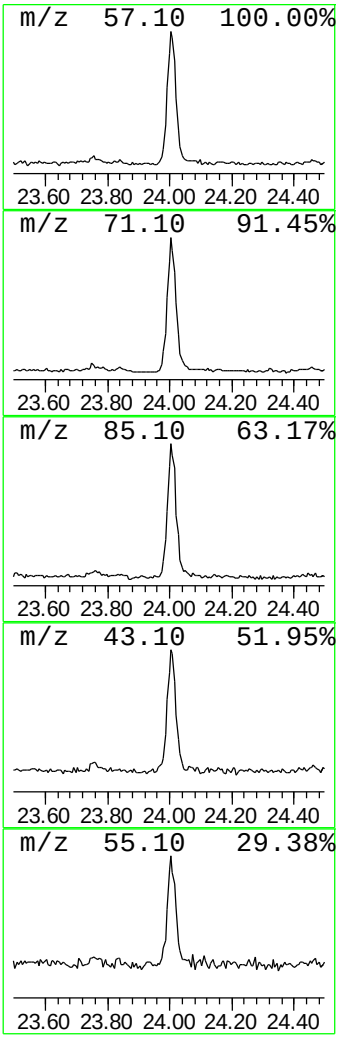
****

Peak Number 9 Octadecane, 3-ethyl-5-(2-et... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.00	7.51 ng	314028	Perylene-d12	23.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 3-ethyl-5-(2-ethylbu...	366	C26H54	055282-12-7	90
2	Nonacosane	408	C29H60	000630-03-5	86
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
4	Octadecane	254	C18H38	000593-45-3	86
5	Heptadecane	240	C17H36	000629-78-7	86





Tentatively Identified Compound (LSC) summary

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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
unknown7.19	7.19	88.4	ng	1042660	1	7.66	235993	20.0
n-Hexadecanoic acid	17.96	10.2	ng	260374	4	17.07	509178	20.0
Octadecanoic acid	19.25	12.5	ng	484510	5	21.27	775794	20.0
Heneicosane	21.84	5.5	ng	212061	5	21.27	775794	20.0
Nonacosane	22.30	8.2	ng	318301	5	21.27	775794	20.0
Heptacosane	22.80	9.3	ng	390704	6	23.51	836803	20.0
Heptadecane, 2,6,...	23.36	10.8	ng	452999	6	23.51	836803	20.0
Octadecane, 3-eth...	24.00	7.5	ng	314028	6	23.51	836803	20.0