LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080118\
Data File : BM016145.D
Acq On : 01 Aug 2018 18:47
Operator : SJ/JU
Sample : J4171-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JJ1J0

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % 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\SOM-EPA-BM071318MA.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.458	25	29	36	rVB	15735	24994	1.21%	0.117%
2	7.351	686	691	707	rBV	334692	581253	28.20%	2.730%
3	7.516	714	719	734	rVB	246463	393966	19.11%	1.850%
4	7.722	748	754	770	rBV	368339	609489	29.57%	2.863%
5	8.193	828	834	841	rBV	208763	346562	16.81%	1.628%
6	8.910	951	956	974	rBV	418247	705953	34.25%	3.316%
7	9.381	1030	1036	1049	rBV	369150	618507	30.01%	2.905%
8	10.104	1153	1159	1175	rBB	347155	585882	28.42%	2.752%
9	10.639	1244	1250	1263	rBV	440096	784283	38.05%	3.683%
10	11.016	1307	1314	1324	rBV	297748	507620	24.63%	2.384%
11	11.163	1333	1339	1354	rBV	384305	679152	32.95%	3.190%
12	14.227	1854	1860	1865	rBV	915589	1209296	58.67%	5.680%
13	14.275	1865	1868	1876	rVB	70263	94449	4.58%	0.444%
14	14.522	1903	1910	1921	rBV	978710	1362810	66.12%	6.401%
15	14.822	1955	1961	1969	rBB2	450762	652785	31.67%	3.066%
16	15.039	1993	1998	2019	rBV	267483	535818	25.99%	2.517%
17	15.810	2123	2129	2139	rBB	1239512	1678619	81.44%	7.884%
18	15.945	2147	2152	2164	rBV	366515	539447	26.17%	2.534%
19	17.551	2420	2425	2432	rBV2	563789	772664	37.49%	3.629%
20	17.651	2436	2442	2453	rBV	1321471	1803622	87.50%	8.471%
21	18.286	2543	2550	2554	rBV3	21158	33480	1.62%	0.157%
22	18.404	2564	2570	2581	rBV	208608	291671	14.15%	1.370%
23	19.509	2753	2758	2762	rBV	24473	38997	1.89%	0.183%
24	19.657	2778	2783	2791	rBV	102073	141104	6.85%	0.663%
25	19.915	2821	2827	2834	rVB	1608079	2061246	100.00%	9.681%
26	20.392	2905	2908	2913	rBV2	33798	37289	1.81%	0.175%
27	20.880	2987	2991	2995	rBV2	65994	81810	3.97%	0.384%
28	21.339	3065	3069	3079	rBV3	109956	248977	12.08%	1.169%
29	21.674	3121	3126	3132	rBV	736142	937064	45.46%	4.401%
30	21.774	3139	3143	3147	rBV	108592	121912	5.91%	0.573%
31	22.221	3215	3219	3223	rBV	103513	122234	5.93%	0.574%
32	22.698	3297	3300	3305	rVB	83121	108251	5.25%	0.508%
33	23.227	3387	3390	3397	rVB	73613	105139	5.10%	0.494%
34	23.821	3488	3491	3495	rVV2	41856	55987	2.72%	0.263%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080118\
Data File : BM016145.D
Acq On : 01 Aug 2018 18:47
Operator : SJ/JU
Sample : J4171-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JJ1J0

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % 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\SOM-EPA-BM071318MA.M
Title : SVOA CALIBRATION

35	23.880	3495	3501	3512	rVB	870281	1683718	81.68%	7.908%
36	24.033	3521	3527	3535	rVB	374159	736122	35.71%	3.457%

Sum of corrected areas: 21292172

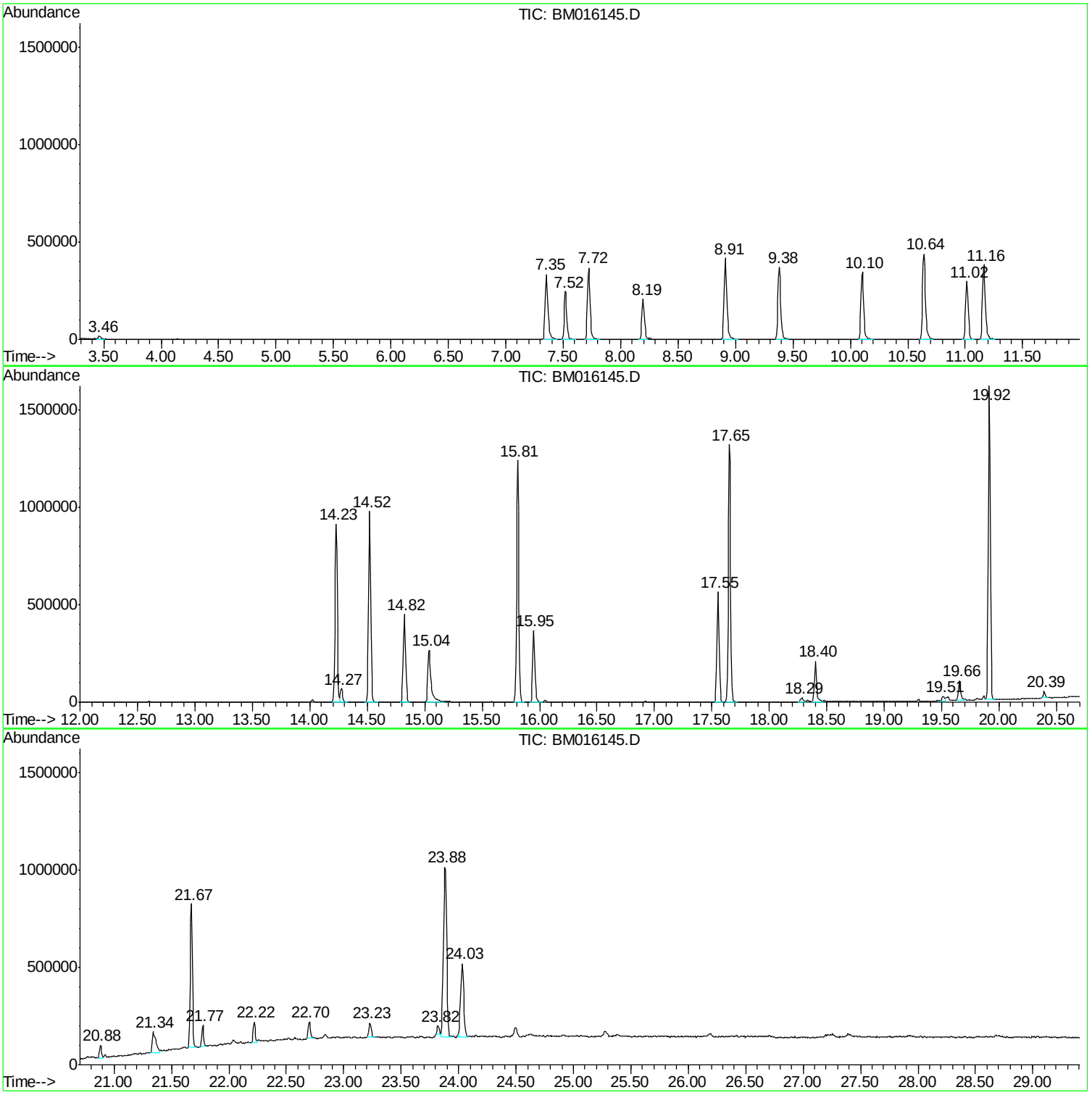
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080118\
Data File : BM016145.D
Acq On : 01 Aug 2018 18:47
Operator : SJ/JU
Sample : J4171-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JJ1J0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080118\
Data File : BM016145.D
Acq On : 01 Aug 2018 18:47
Operator : SJ/JU
Sample : J4171-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JJ1J0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
Quant Title : SVOA CALIBRATION

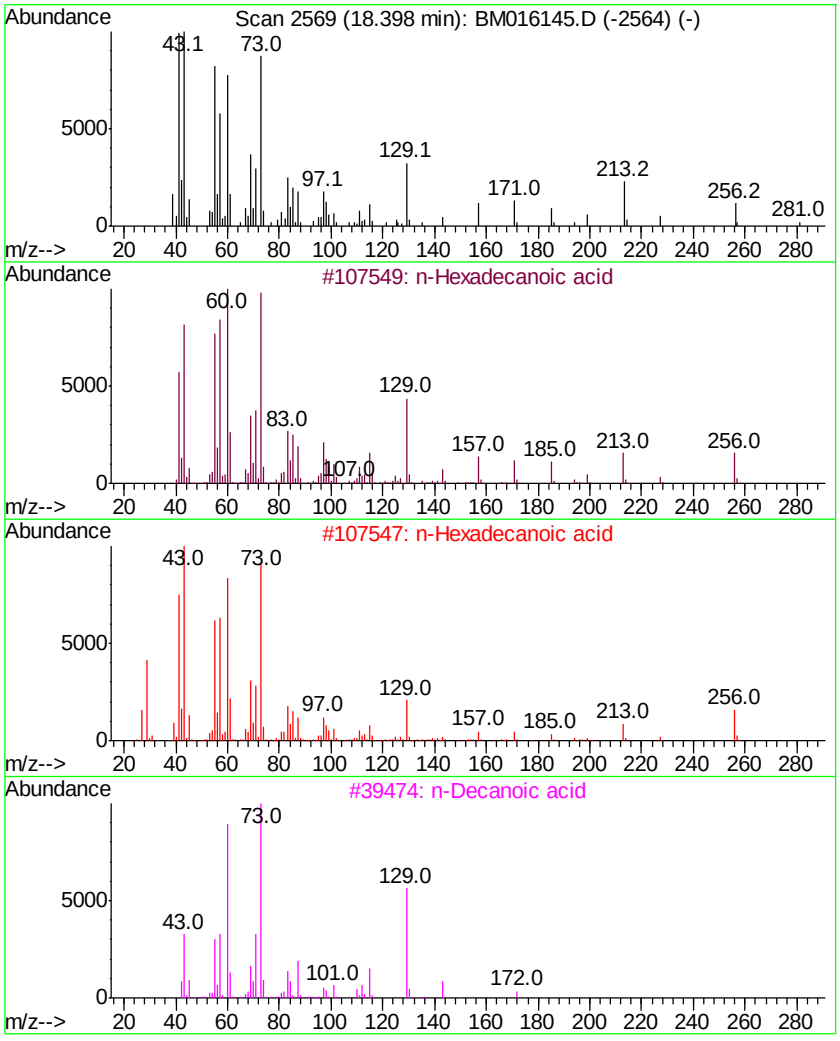
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

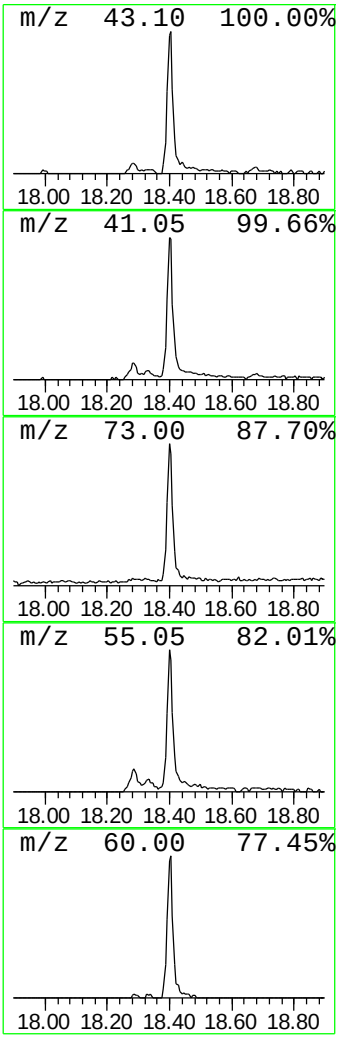
****

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.40	7.55 ng/ul	291671	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	92
3	n-Decanoic acid	172	C10H20O2	000334-48-5	78
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	70
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	70





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080118\
Data File : BM016145.D
Acq On : 01 Aug 2018 18:47
Operator : SJ/JU
Sample : J4171-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JJ1J0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
Quant Title : SVOA CALIBRATION

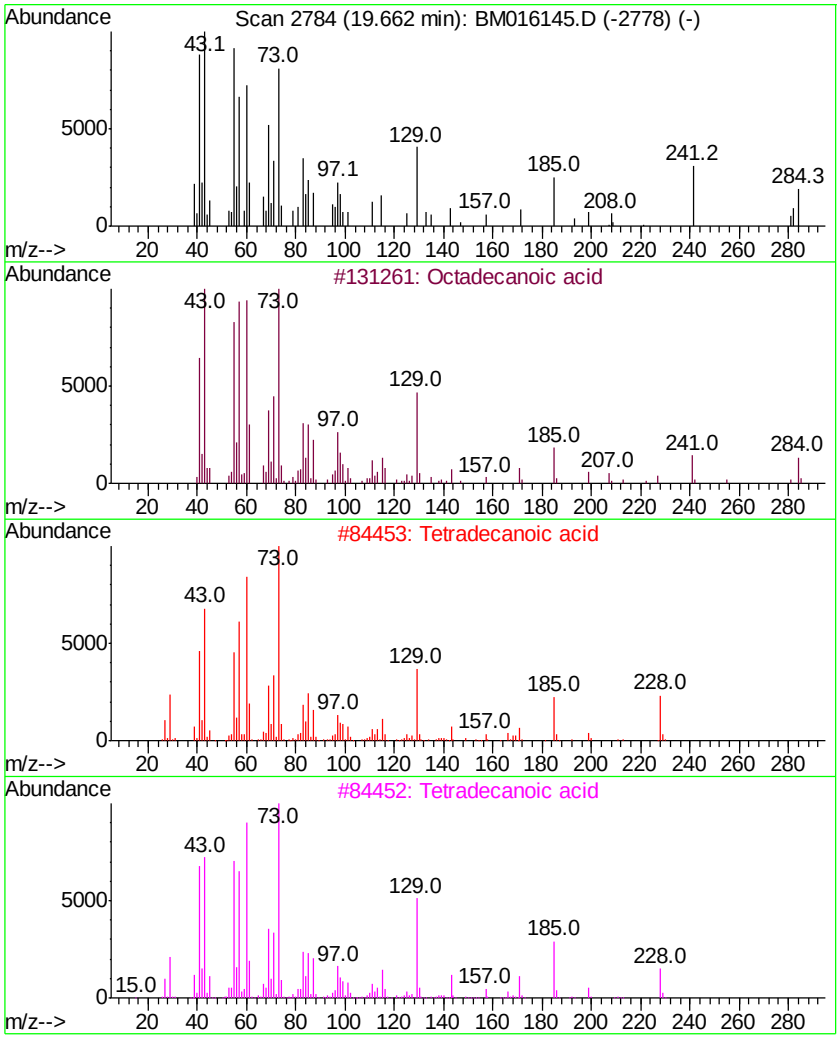
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

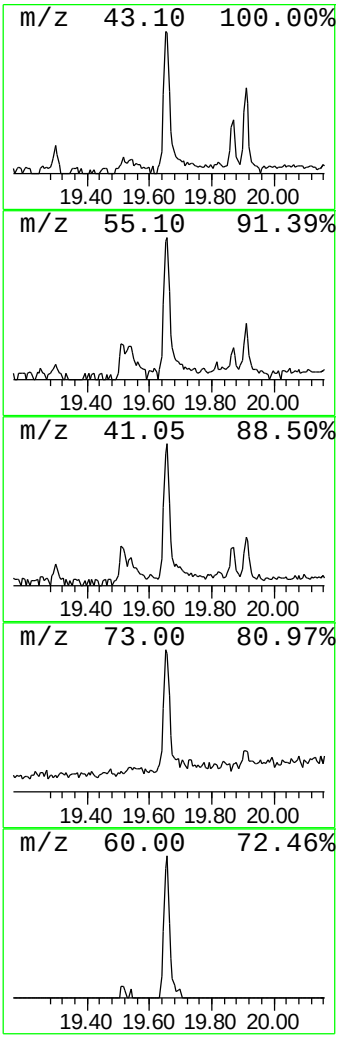
****

Peak Number 2 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.66	3.01 ng/ul	141104	Chrysene-d12	21.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	96
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	59
5	Tridecanoic acid	214	C13H26O2	000638-53-9	50





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080118\
Data File : BM016145.D
Acq On : 01 Aug 2018 18:47
Operator : SJ/JU
Sample : J4171-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JJ1J0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
Quant Title : SVOA CALIBRATION

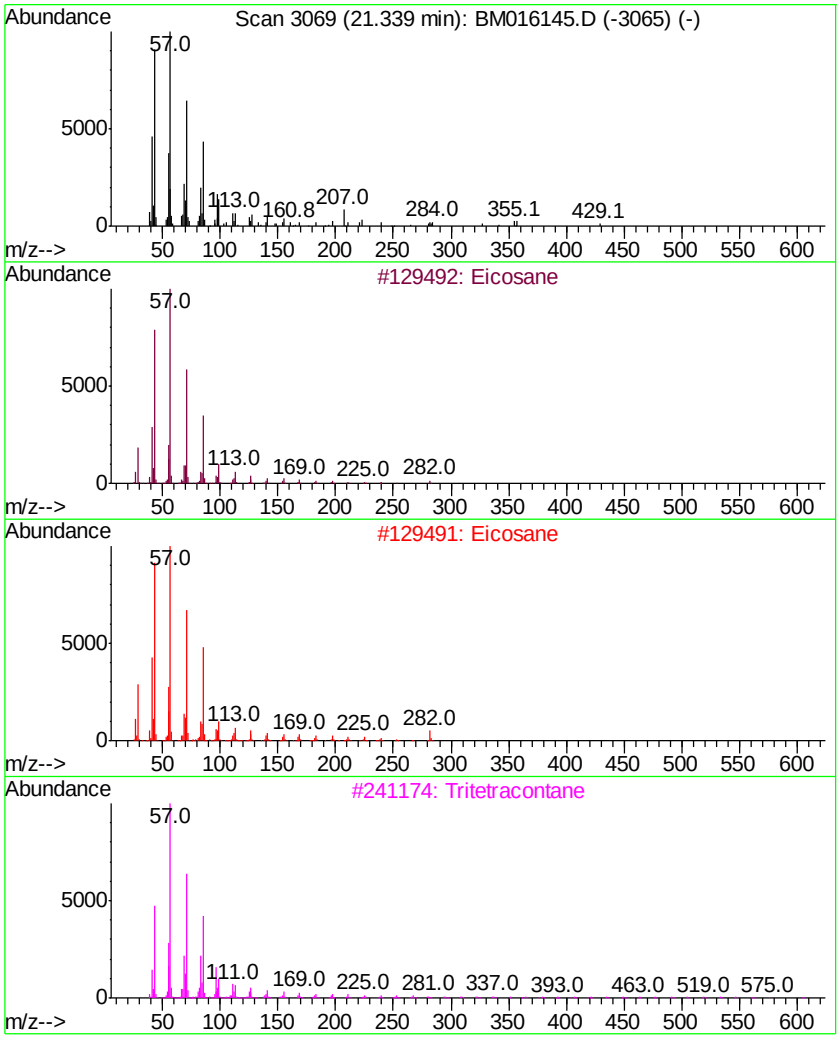
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

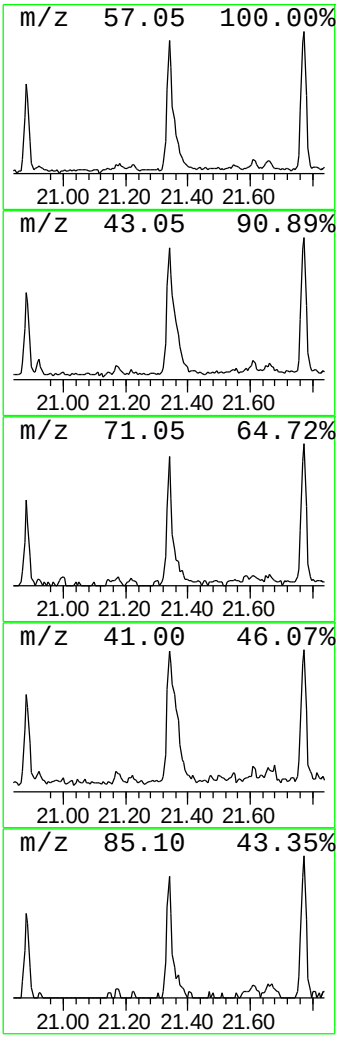
****

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.34	5.31 ng/ul	248977	Chrysene-d12	21.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	96
2	Eicosane	282	C20H42	000112-95-8	96
3	Tritetracontane	605	C43H88	007098-21-7	91
4	Tetratetracontane	619	C44H90	007098-22-8	91
5	Tetratetracontane	619	C44H90	007098-22-8	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080118\
Data File : BM016145.D
Acq On : 01 Aug 2018 18:47
Operator : SJ/JU
Sample : J4171-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JJ1J0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
Quant Title : SVOA CALIBRATION

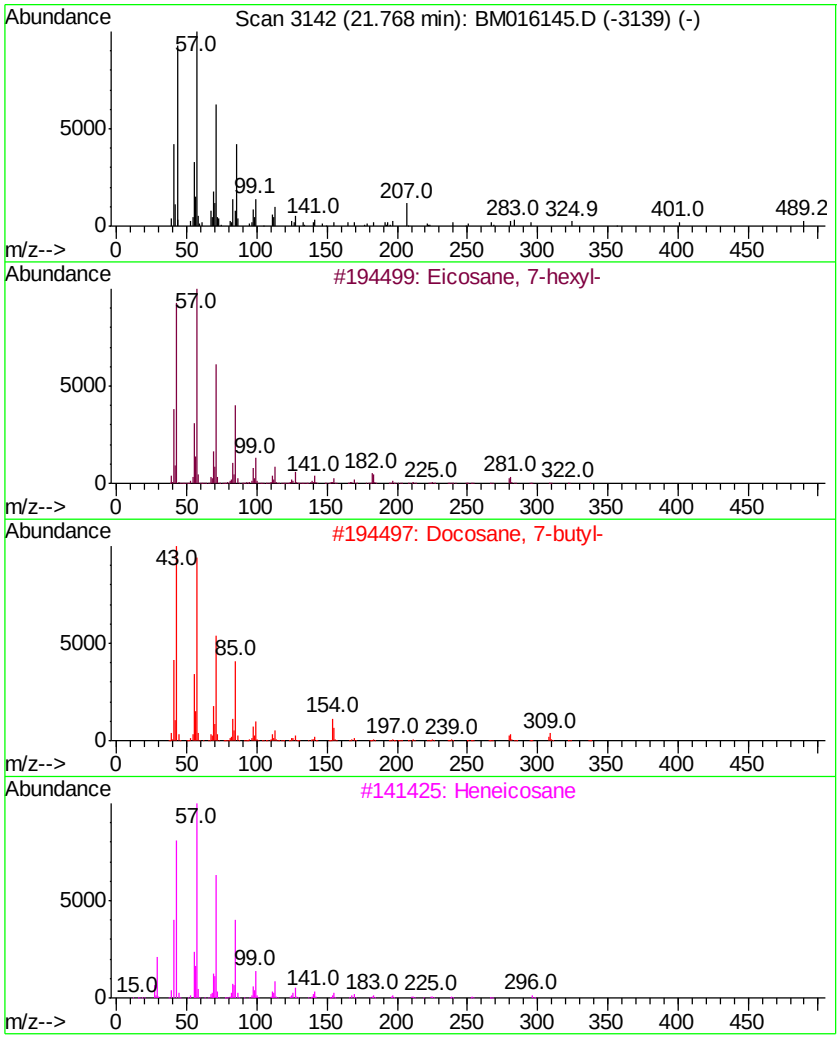
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

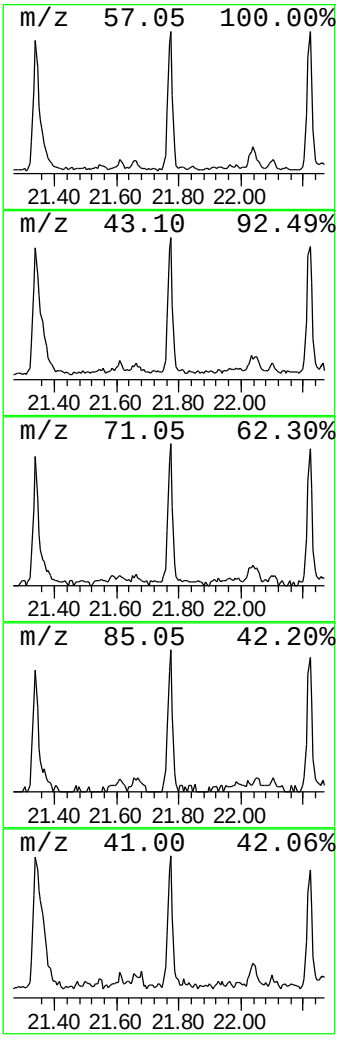
****

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.77	2.60 ng/ul	121912	Chrysene-d12	21.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91
2	Docosane, 7-butyl-	366	C26H54	055282-15-0	91
3	Heneicosane	296	C21H44	000629-94-7	90
4	Tetracosane	338	C24H50	000646-31-1	90
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080118\
Data File : BM016145.D
Acq On : 01 Aug 2018 18:47
Operator : SJ/JU
Sample : J4171-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JJ1J0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
Quant Title : SVOA CALIBRATION

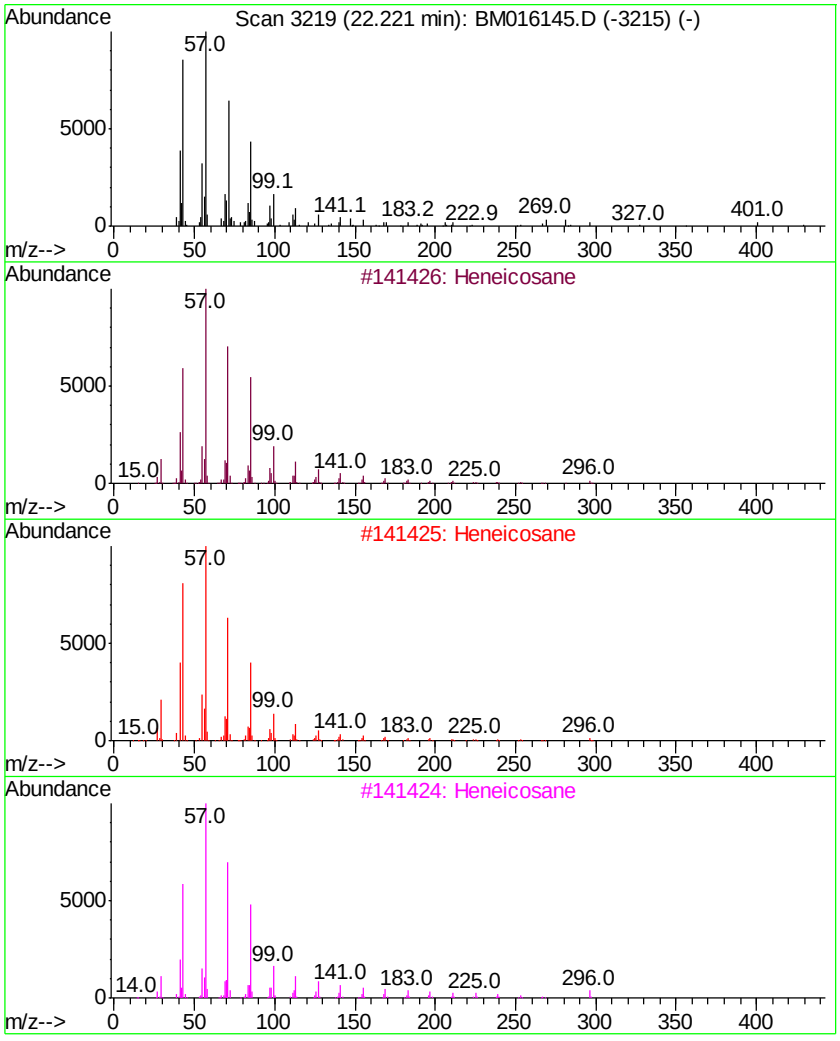
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

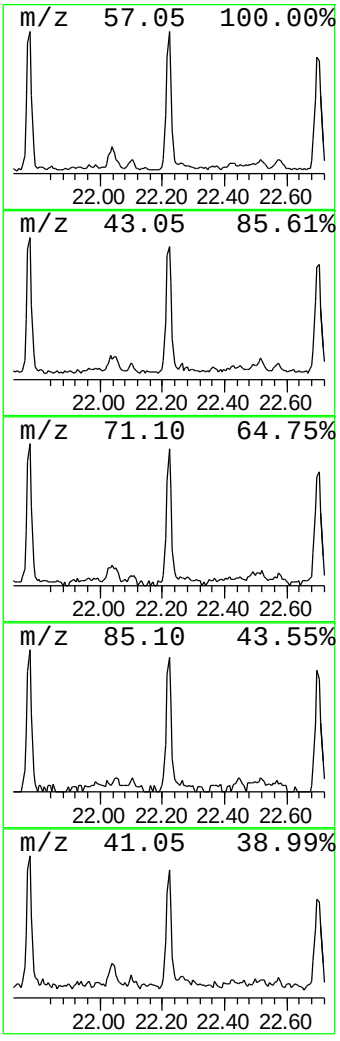
****

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.22	2.61 ng/ul	122234	Chrysene-d12	21.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	99
2	Heneicosane	296	C21H44	000629-94-7	99
3	Heneicosane	296	C21H44	000629-94-7	95
4	Heptacosane	380	C27H56	000593-49-7	91
5	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080118\
Data File : BM016145.D
Acq On : 01 Aug 2018 18:47
Operator : SJ/JU
Sample : J4171-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JJ1J0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
Quant Title : SVOA CALIBRATION

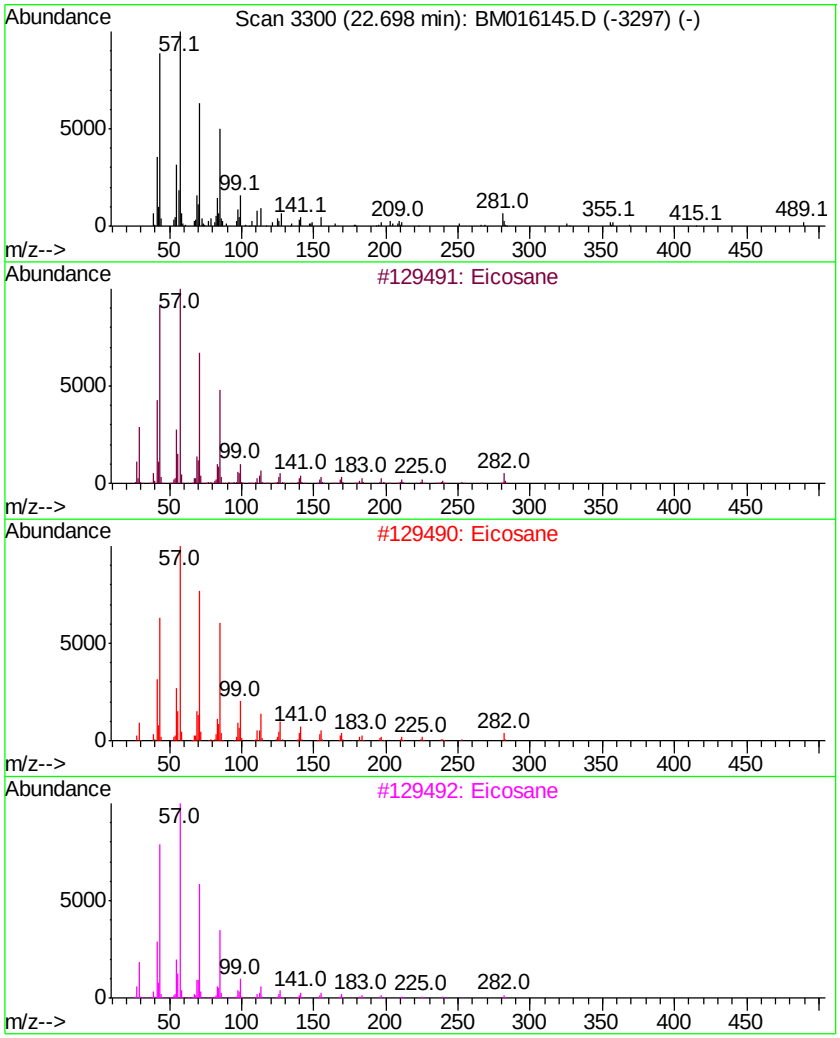
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

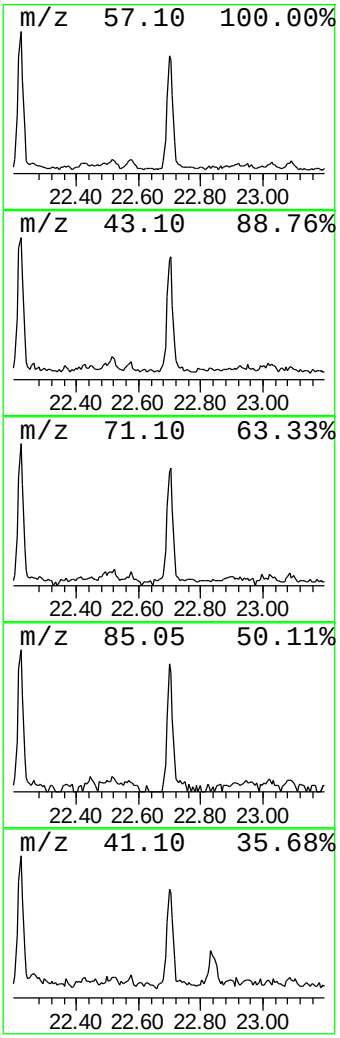
****

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.70	2.31 ng/ul	108251	Chrysene-d12	21.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	96
2	Eicosane	282	C20H42	000112-95-8	94
3	Eicosane	282	C20H42	000112-95-8	93
4	Heptacosane	380	C27H56	000593-49-7	90
5	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080118\
Data File : BM016145.D
Acq On : 01 Aug 2018 18:47
Operator : SJ/JU
Sample : J4171-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JJ1J0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
Quant Title : SVOA CALIBRATION

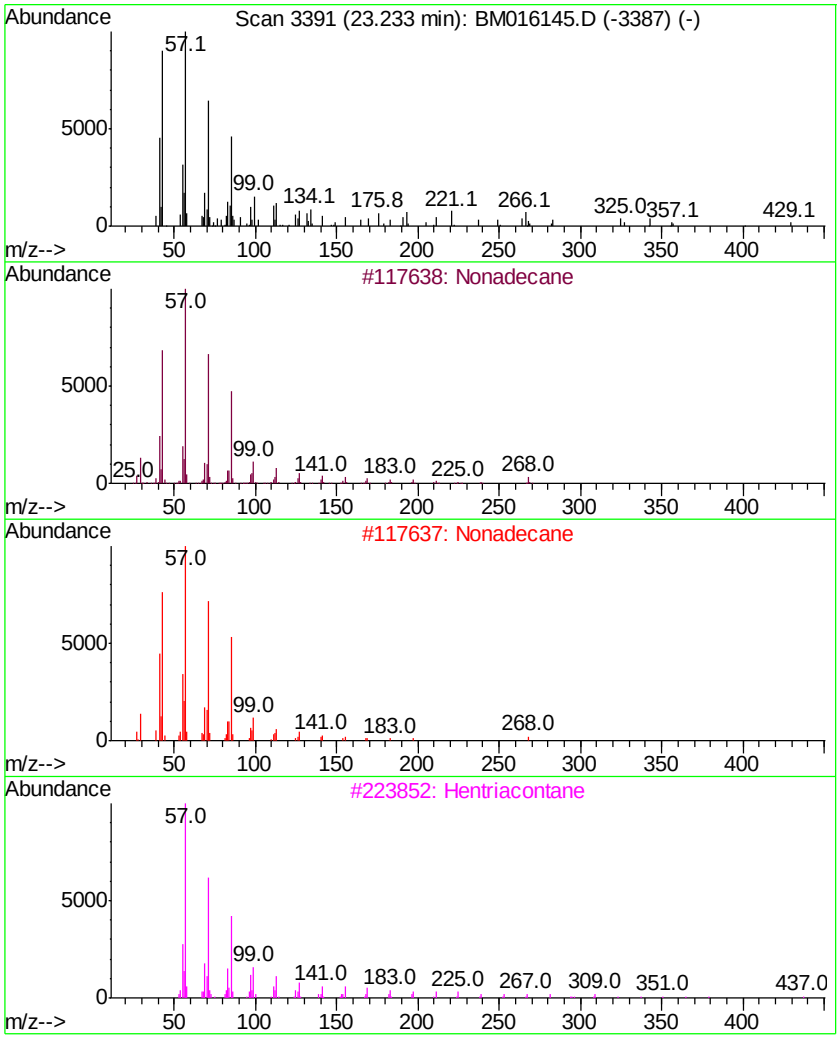
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

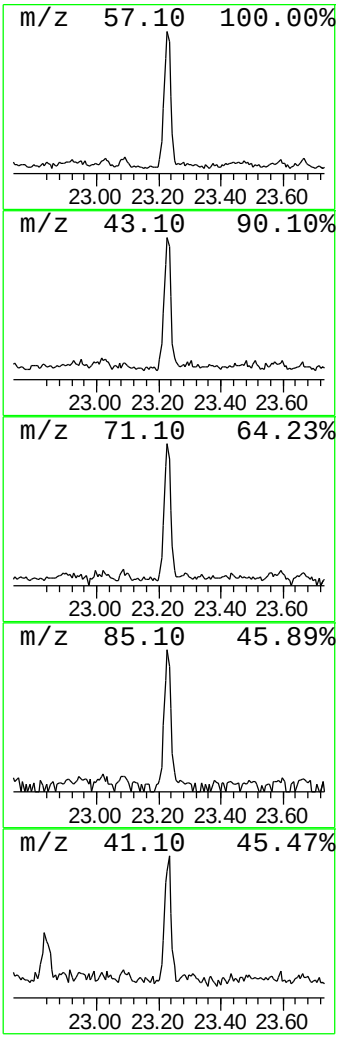
****

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.23	2.86 ng/ul	105139	Perylene-d12	24.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	89
2	Nonadecane	268	C19H40	000629-92-5	86
3	Hentriacontane	437	C31H64	000630-04-6	81
4	Hexacosane	366	C26H54	000630-01-3	81
5	Tetracosane	338	C24H50	000646-31-1	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080118\
Data File : BM016145.D
Acq On : 01 Aug 2018 18:47
Operator : SJ/JU
Sample : J4171-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JJ1J0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Hexadecanoic acid	18.40	7.5	ng/ul	291671	4	17.55	772664	20.0
Octadecanoic acid	19.66	3.0	ng/ul	141104	5	21.67	937064	20.0
(DEL) Alkane: Str...	21.34	5.3	ng/ul	248977	5	21.67	937064	20.0
(DEL) Alkane: Str...	21.77	2.6	ng/ul	121912	5	21.67	937064	20.0
(DEL) Alkane: Str...	22.22	2.6	ng/ul	122234	5	21.67	937064	20.0
(DEL) Alkane: Str...	22.70	2.3	ng/ul	108251	5	21.67	937064	20.0
(DEL) Alkane: Str...	23.23	2.9	ng/ul	105139	6	24.03	736122	20.0