LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071918\
Data File : BM016009.D
Acq On : 20 Jul 2018 02:45
Operator : SJ/JU
Sample : J4039-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DB1P8

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	7.416	697	702	719	rBB2	60127	158671	7.73%	0.664%
2	7.575	723	729	742	rBV	193153	319700	15.57%	1.337%
3	7.781	758	764	778	rBV	232033	406712	19.81%	1.701%
4	8.251	838	844	858	rBB	246566	405753	19.76%	1.697%
5	8.969	961	966	982	rBV	176038	317375	15.46%	1.327%
6	9.439	1040	1046	1059	rBV	297718	512972	24.99%	2.145%
7	10.163	1163	1169	1182	rBV	285133	484245	23.59%	2.025%
8	10.698	1255	1260	1279	rBV	357680	661867	32.24%	2.768%
9	11.075	1317	1324	1334	rBV	377878	637087	31.03%	2.665%
10	14.280	1863	1869	1874	rBV	847846	1093835	53.28%	4.575%
11	14.327	1874	1877	1884	rVB	94612	123117	6.00%	0.515%
12	14.574	1913	1919	1930	rBV	794246	1139750	55.51%	4.767%
13	14.880	1964	1971	1979	rBB2	602667	909379	44.29%	3.803%
14	15.110	2005	2010	2027	rBV2	34784	91244	4.44%	0.382%
15	15.862	2132	2138	2148	rVB	1113643	1558453	75.91%	6.518%
16	15.998	2156	2161	2175	rBV	363459	524563	25.55%	2.194%
17	17.609	2428	2435	2444	rBV	774208	1137111	55.38%	4.756%
18	17.704	2446	2451	2461	rVB	1169912	1666304	81.16%	6.969%
19	18.451	2573	2578	2588	rBV	265102	348006	16.95%	1.455%
20	19.345	2727	2730	2734	rVB2	25430	26308	1.28%	0.110%
21	19.562	2763	2767	2770	rBV	80639	113574	5.53%	0.475%
22	19.703	2786	2791	2805	rBV	143631	216287	10.53%	0.905%
23	19.915	2823	2827	2830	rBV	59821	61274	2.98%	0.256%
24	19.962	2830	2835	2844	rVB	1546876	2053111	100.00%	8.587%
25	20.439	2911	2916	2920	rBV	116593	129405	6.30%	0.541%
26	20.815	2976	2980	2986	rBV6	38045	62583	3.05%	0.262%
27	20.927	2995	2999	3003	rBV	207607	223589	10.89%	0.935%
28	20.968	3003	3006	3008	rVB2	26057	27696	1.35%	0.116%
29	21.386	3072	3077	3088	rBV3	377321	682050	33.22%	2.853%
30	21.721	3129	3134	3140	rBV	1210373	1531372	74.59%	6.405%
31	21.821	3147	3151	3156	rBV	343209	383154	18.66%	1.602%
32	22.268	3223	3227	3232	rBV	331500	429889	20.94%	1.798%
33	22.756	3306	3310	3320	rBV	320064	490338	23.88%	2.051%
34	22.897	3329	3334	3341	rBV	260996	414394	20.18%	1.733%

LSC Area Percent Report

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Operator : SJ/JU
Sample : J4039-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DB1P8

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	23.291	3397	3401	3409	rVB	306020	464360	22.62%	1.942%
36	23.891	3499	3503	3508	rVB	254321	392713	19.13%	1.642%
37	23.956	3508	3514	3523	rVB	1016700	1928046	93.91%	8.064%
38	24.109	3533	3540	3551	rVB	683078	1402799	68.33%	5.867%
39	24.574	3615	3619	3628	rVB	196877	380907	18.55%	1.593%

Sum of corrected areas: 23909993

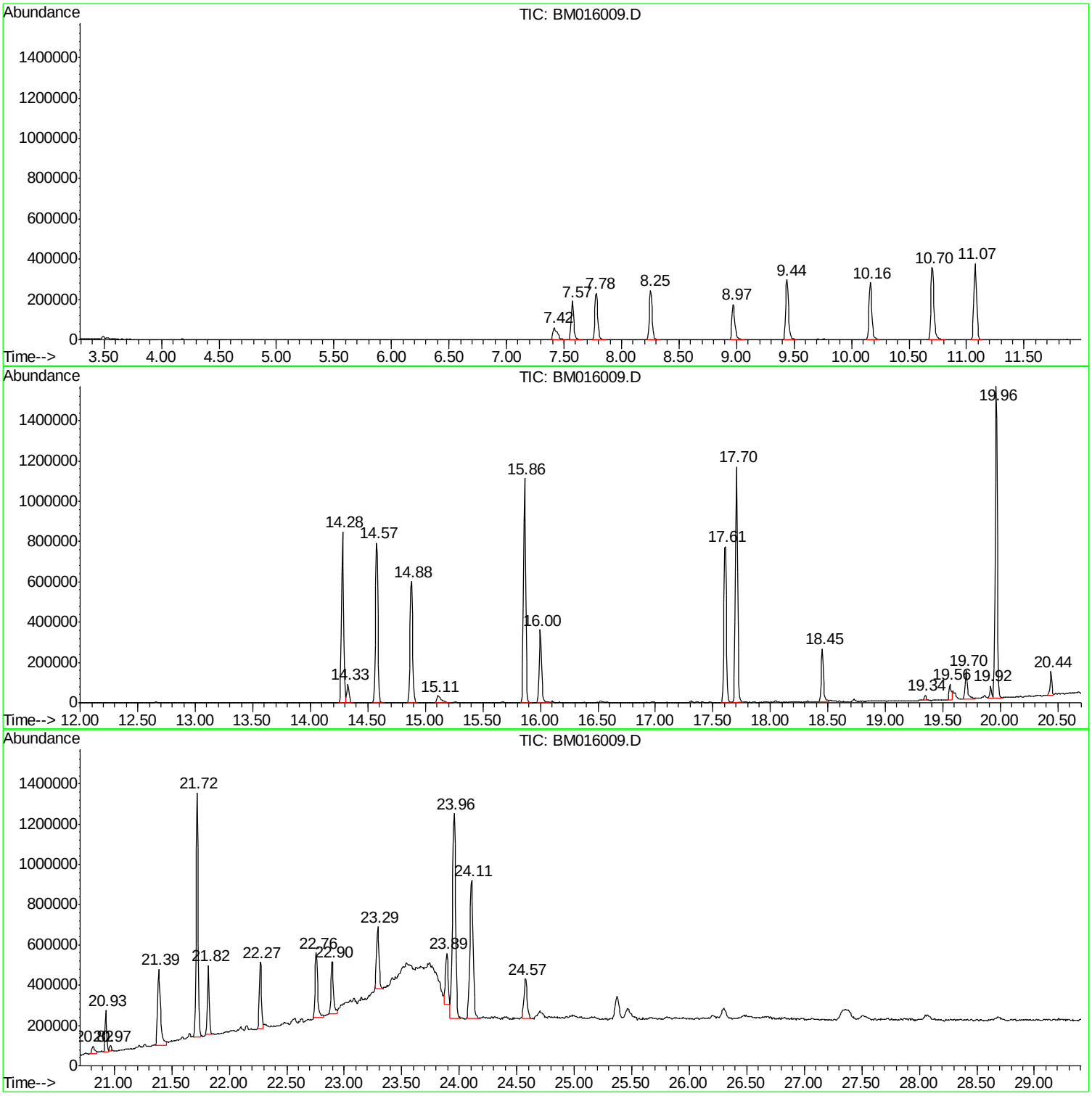
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071918\
Data File : BM016009.D
Acq On : 20 Jul 2018 02:45
Operator : SJ/JU
Sample : J4039-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DB1P8

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\BM071918\
Data File : BM016009.D
Acq On : 20 Jul 2018 02:45
Operator : SJ/JU
Sample : J4039-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DB1P8

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

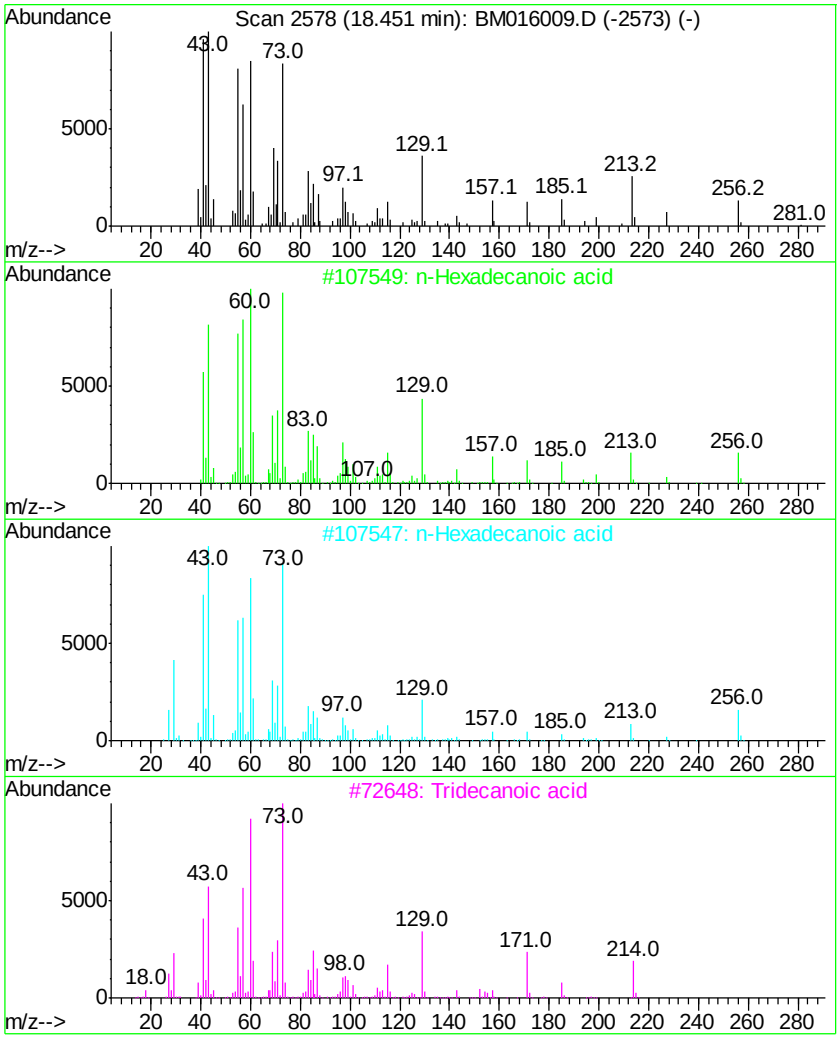
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

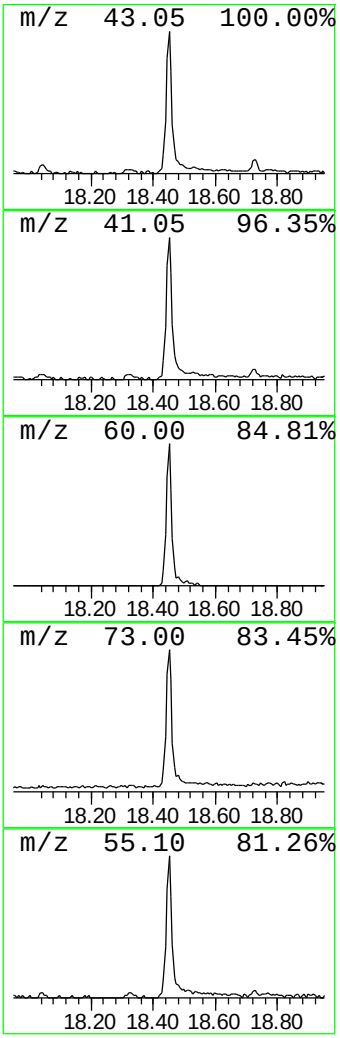
****

Peak Number 1 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.45	6.12 ng/ul	348006	Phenanthrene-d10	17.61

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	70
3	Tridecanoic acid	214	C13H26O2	000638-53-9	68
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	68
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	64





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Data File : BM016009.D
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Operator : SJ/JU
Sample : J4039-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DB1P8

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

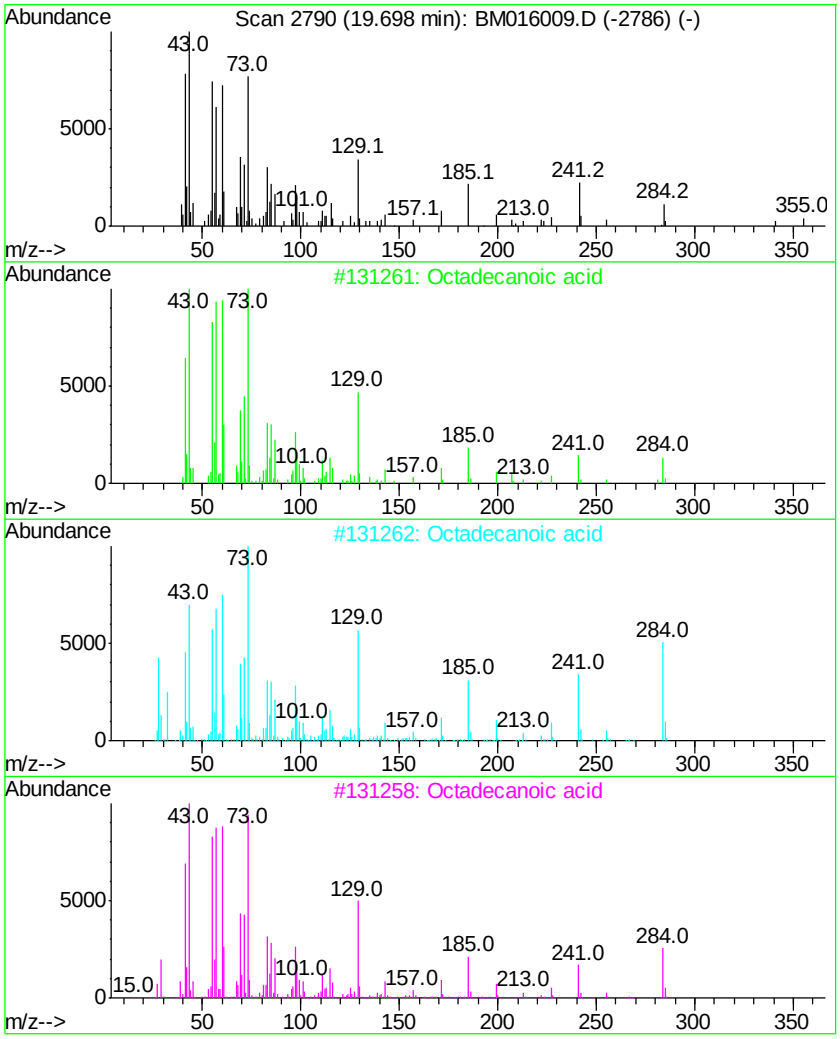
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

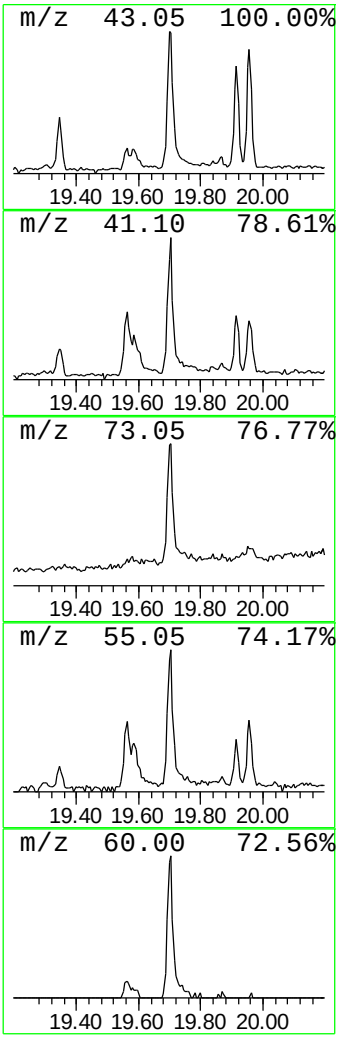
****

Peak Number 2 Octadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.70	2.82 ng/ul	216287	Chrysene-d12	21.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	98
3	Octadecanoic acid	284	C18H36O2	000057-11-4	98
4	Octadecanoic acid	284	C18H36O2	000057-11-4	98
5	Octadecanoic acid	284	C18H36O2	000057-11-4	94





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071918\
Data File : BM016009.D
Acq On : 20 Jul 2018 02:45
Operator : SJ/JU
Sample : J4039-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DB1P8

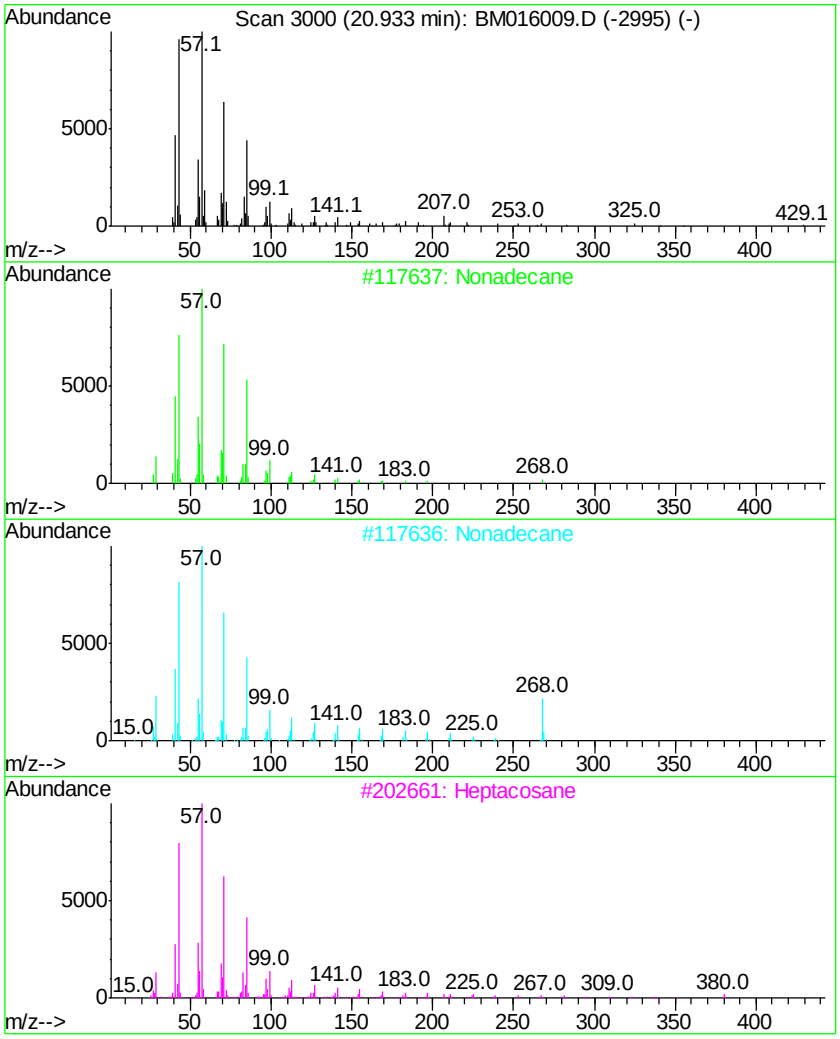
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
Quant Title : SVOA CALIBRATION

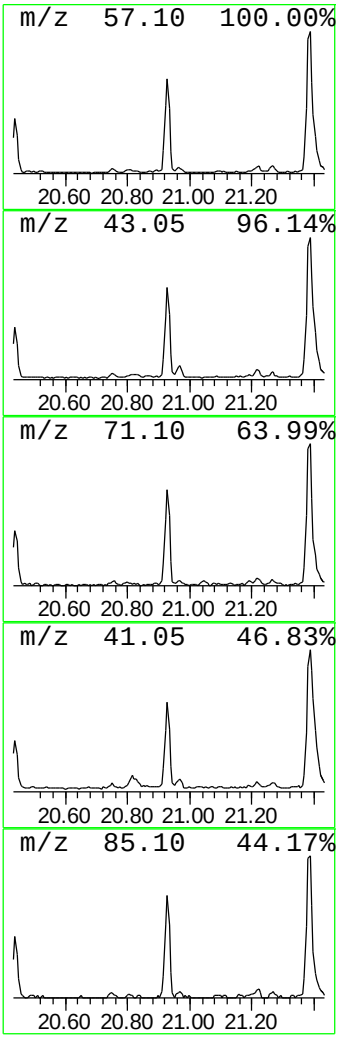
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.93	2.92 ng/ul	223589	Chrysene-d12	21.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	93
2	Nonadecane	268	C19H40	000629-92-5	91
3	Heptacosane	380	C27H56	000593-49-7	91
4	Docosane, 11-butyl-	366	C26H54	013475-76-8	91
5	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071918\
Data File : BM016009.D
Acq On : 20 Jul 2018 02:45
Operator : SJ/JU
Sample : J4039-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DB1P8

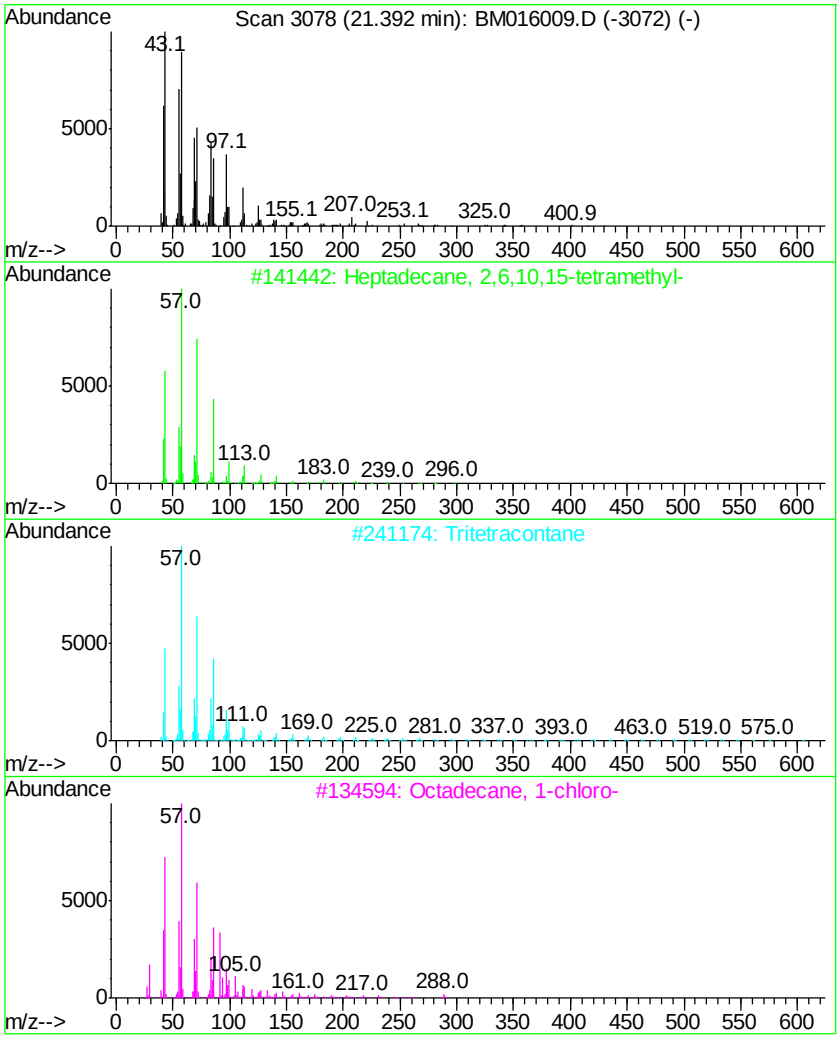
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
Quant Title : SVOA CALIBRATION

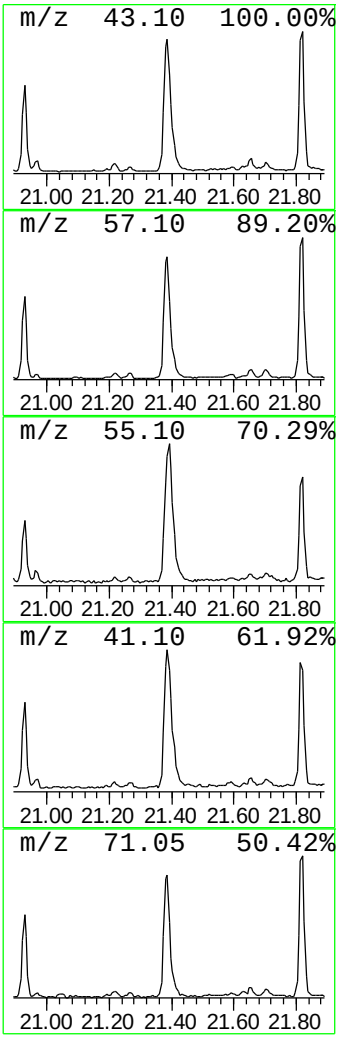
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.39	8.91 ng/ul	682050	Chrysene-d12	21.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	93
2	Tritetracontane	605	C43H88	007098-21-7	91
3	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	91
4	1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	91
5	Tetratetracontane	619	C44H90	007098-22-8	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071918\
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Acq On : 20 Jul 2018 02:45
Operator : SJ/JU
Sample : J4039-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DB1P8

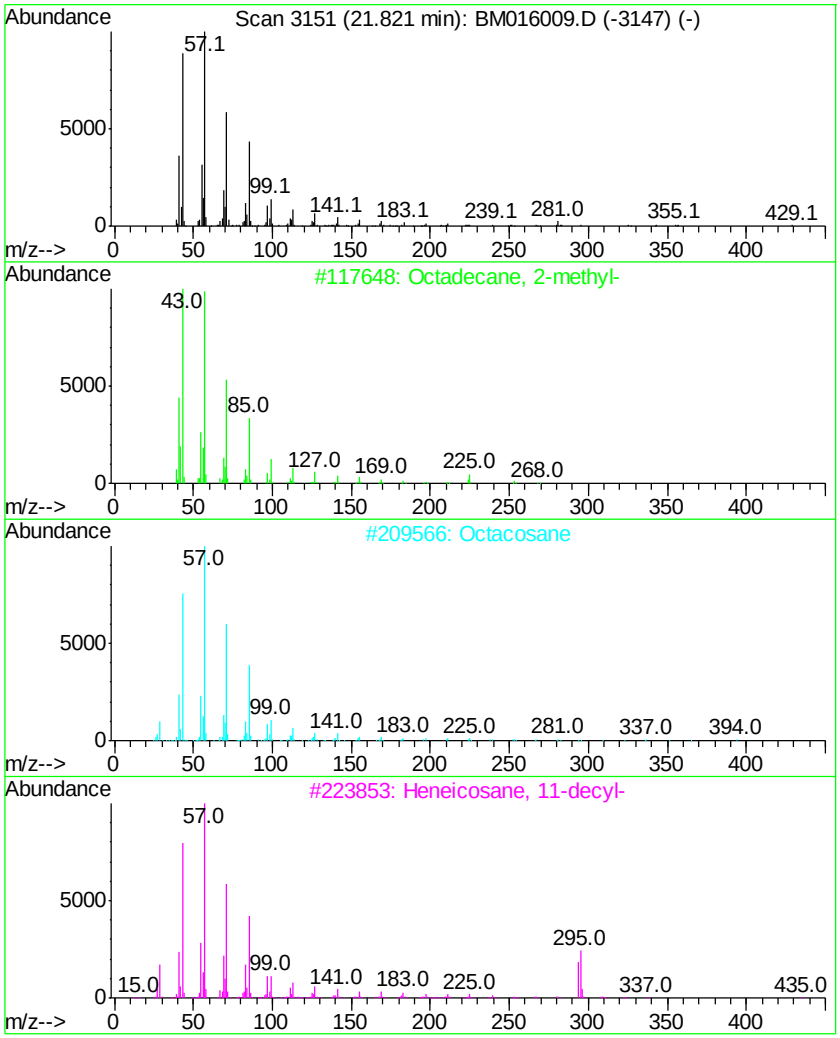
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
Quant Title : SVOA CALIBRATION

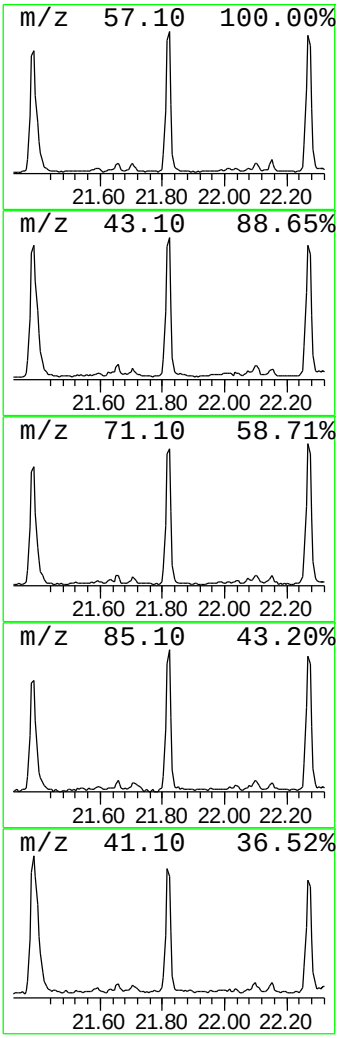
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.82	5.00 ng/ul	383154	Chrysene-d12	21.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 2-methyl-	268	C19H40	001560-88-9	94
2	Octacosane	394	C28H58	000630-02-4	91
3	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	91
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5	Hentriacontane	437	C31H64	000630-04-6	91





Library Search Compound Report

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ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DB1P8

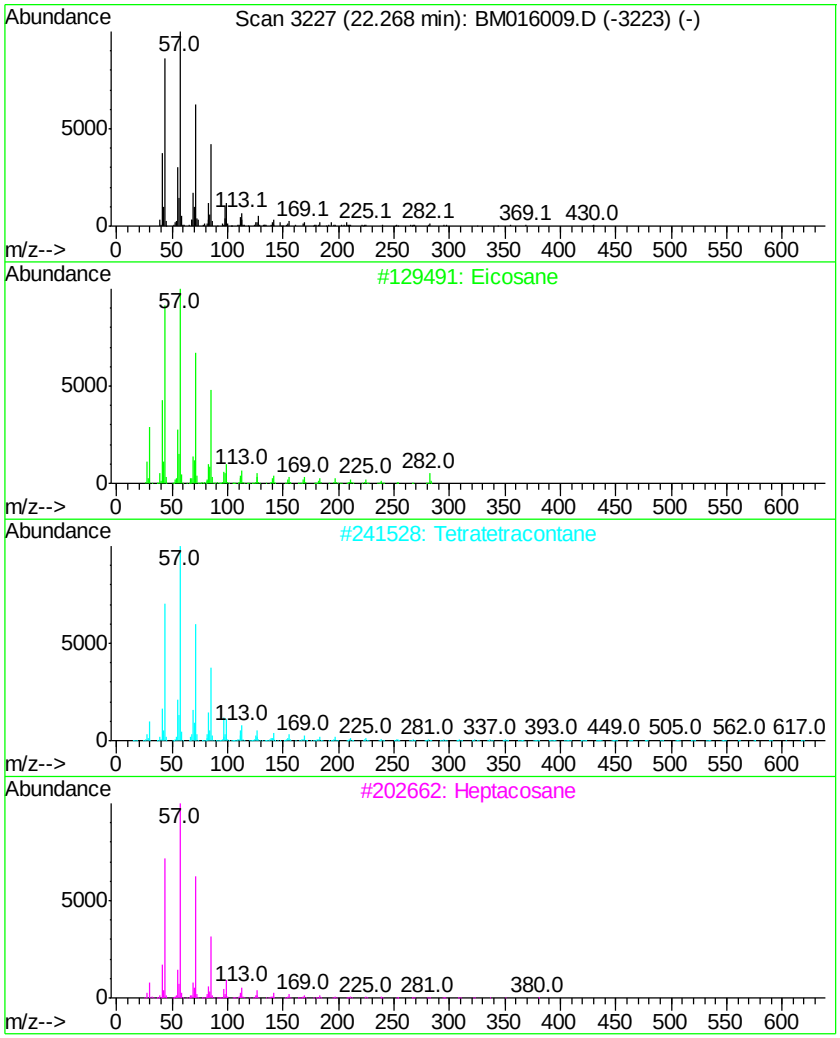
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
Quant Title : SVOA CALIBRATION

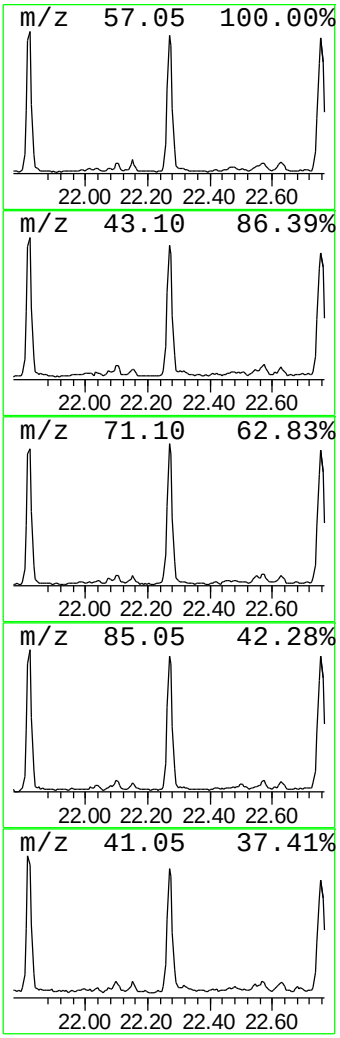
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.27	5.61 ng/ul	429889	Chrysene-d12	21.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	97
2	Tetratetracontane	619	C44H90	007098-22-8	91
3	Heptacosane	380	C27H56	000593-49-7	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91





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Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DB1P8

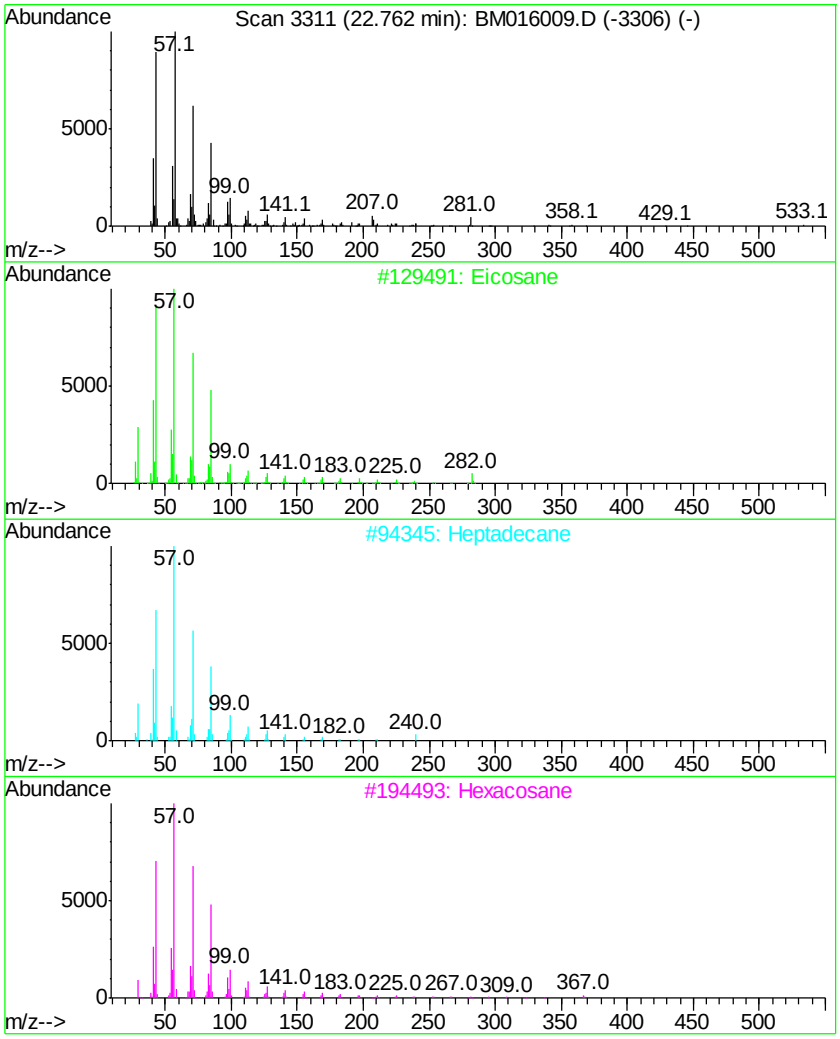
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
Quant Title : SVOA CALIBRATION

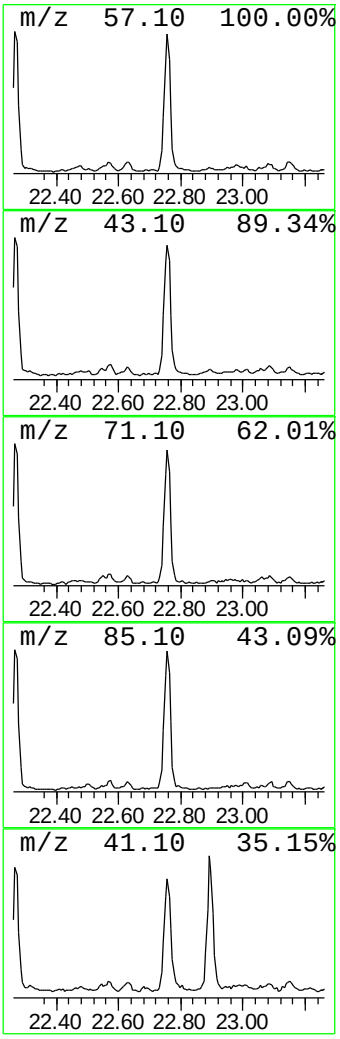
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.76	6.40 ng/ul	490338	Chrysene-d12	21.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	96
2	Heptadecane	240	C17H36	000629-78-7	95
3	Hexacosane	366	C26H54	000630-01-3	93
4	Tetratetracontane	619	C44H90	007098-22-8	90
5	2-methyloctacosane	408	C29H60	1000376-72-8	90





Library Search Compound Report

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Instrument :
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ClientSampleId :
DB1P8

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

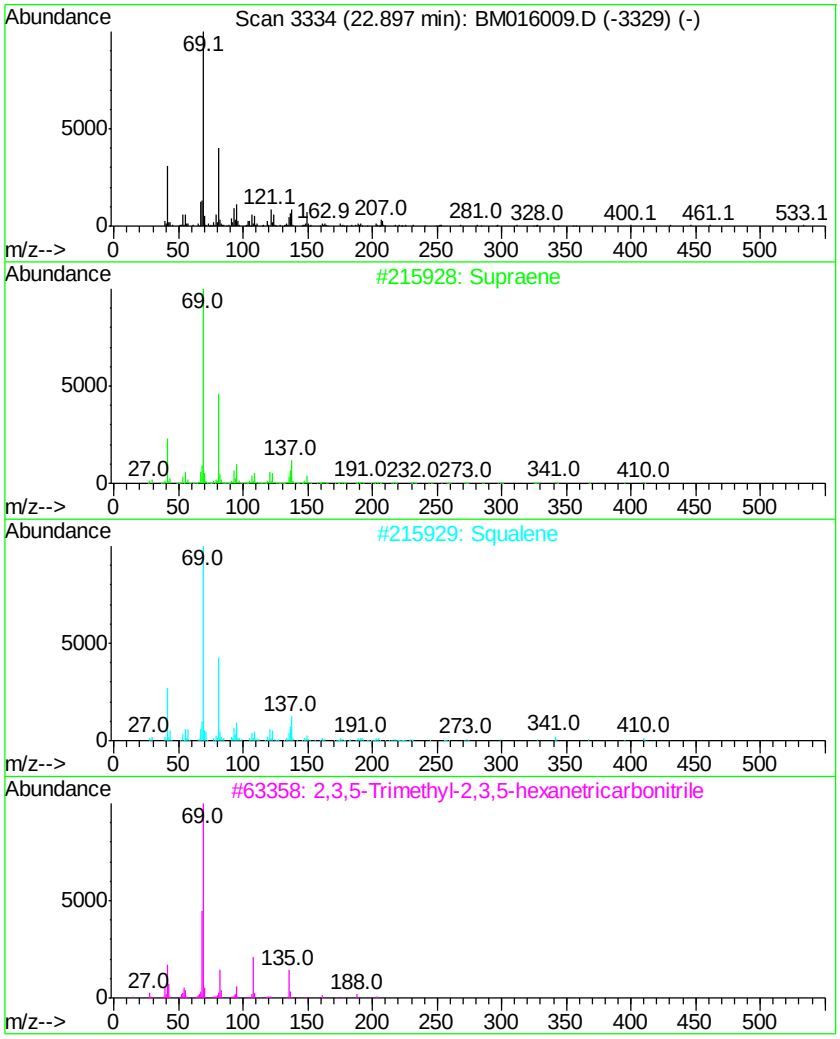
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

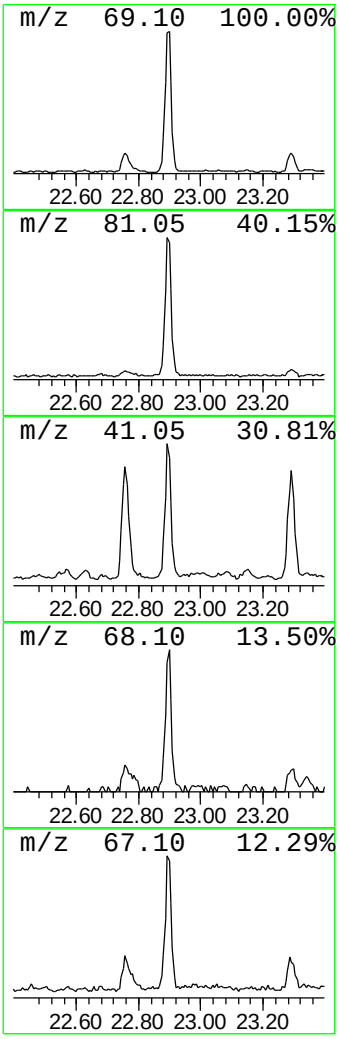
****

Peak Number 8 Supraene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.90	5.41 ng/ul	414394	Chrysene-d12	21.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Supraene	410	C30H50	007683-64-9	80
2	Squalene	410	C30H50	000111-02-4	72
3	2,3,5-Trimethyl-2,3,5-hexanetric...	203	C12H17N3	003974-79-6	72
4	Squalene	410	C30H50	000111-02-4	72
5	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	64





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Misc :
ALS Vial : 25 Sample Multiplier: 1

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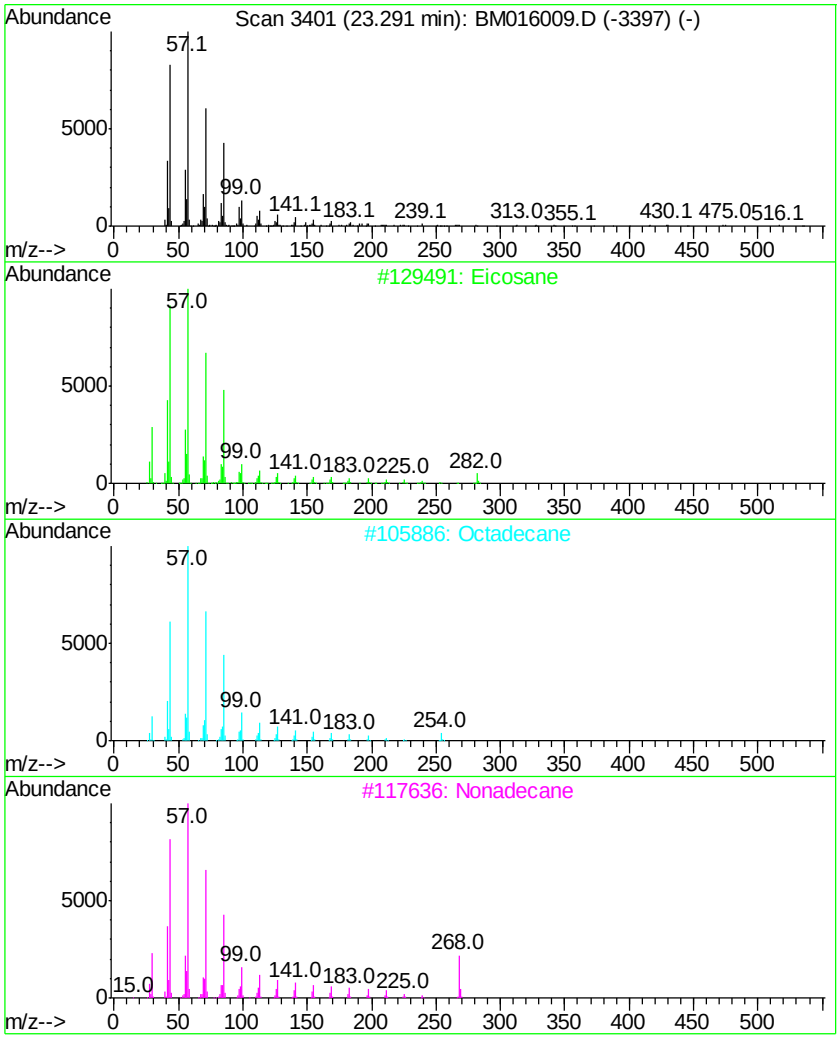
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
Quant Title : SVOA CALIBRATION

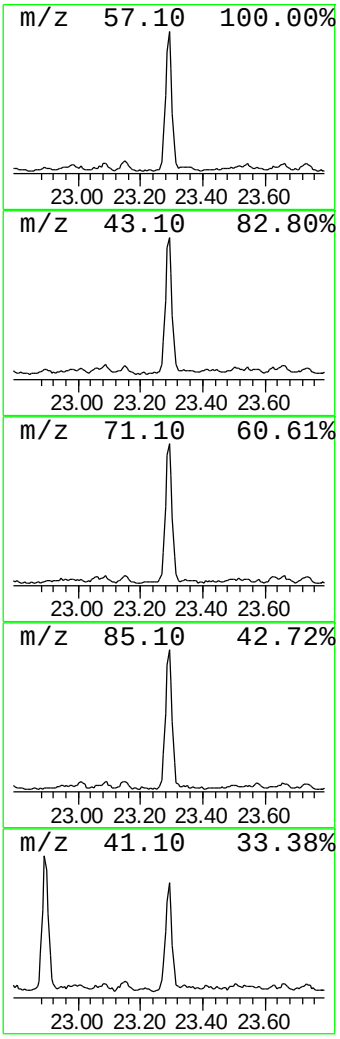
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.29	6.62 ng/ul	464360	Perylene-d12	24.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	95
2	Octadecane	254	C18H38	000593-45-3	95
3	Nonadecane	268	C19H40	000629-92-5	90
4	Hexacosane	366	C26H54	000630-01-3	90
5	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071918\
Data File : BM016009.D
Acq On : 20 Jul 2018 02:45
Operator : SJ/JU
Sample : J4039-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DB1P8

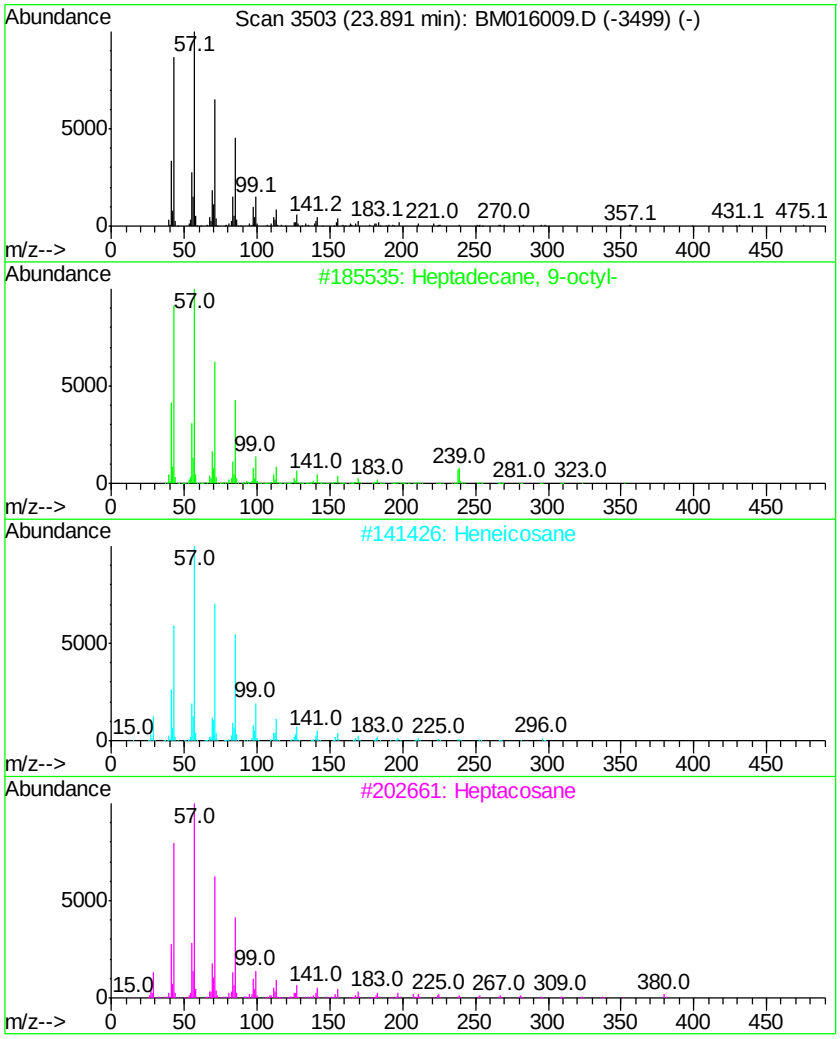
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
Quant Title : SVOA CALIBRATION

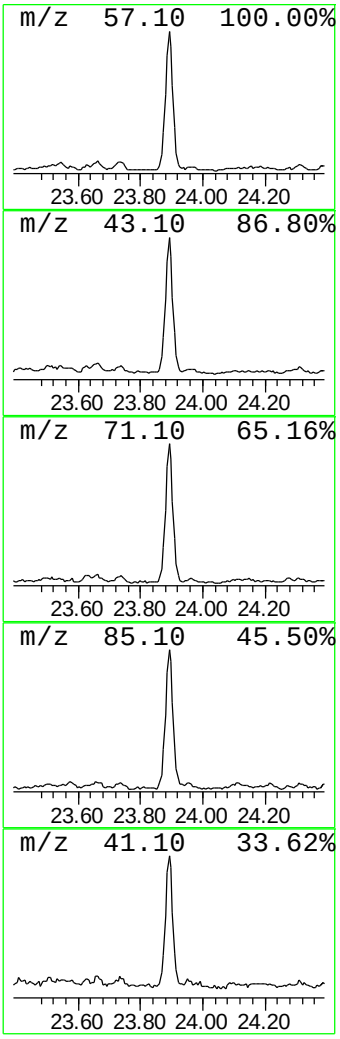
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.89	5.60 ng/ul	392713	Perylene-d12	24.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Heptacosane	380	C27H56	000593-49-7	91
4	Docosane, 11-butyl-	366	C26H54	013475-76-8	91
5	Octacosane	394	C28H58	000630-02-4	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071918\
Data File : BM016009.D
Acq On : 20 Jul 2018 02:45
Operator : SJ/JU
Sample : J4039-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DB1P8

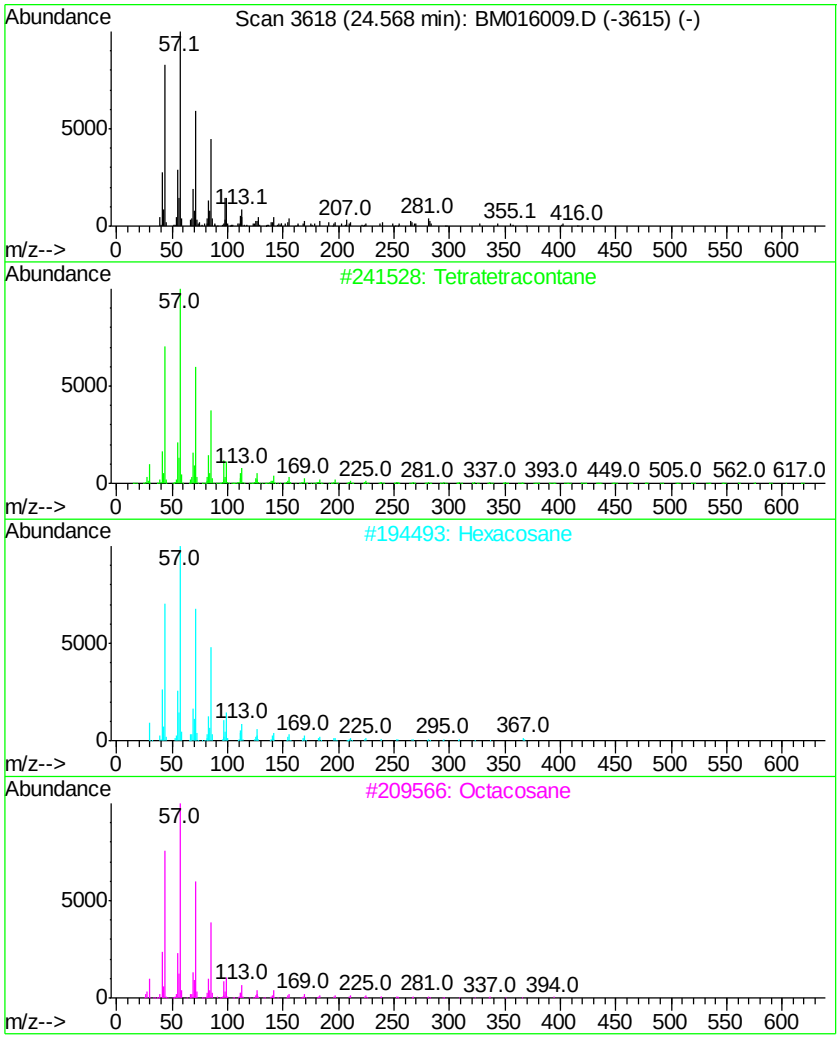
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
Quant Title : SVOA CALIBRATION

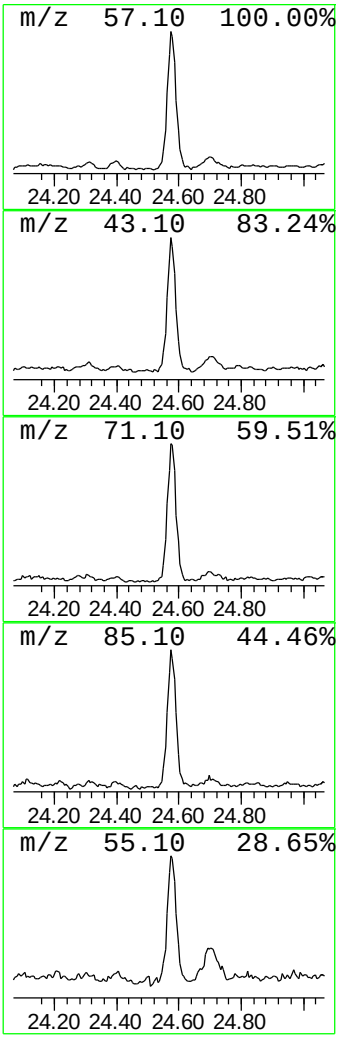
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.57	5.43 ng/ul	380907	Perylene-d12	24.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratetracontane	619	C44H90	007098-22-8	90
2	Hexacosane	366	C26H54	000630-01-3	90
3	Octacosane	394	C28H58	000630-02-4	90
4	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90
5	2-methyloctacosane	408	C29H60	1000376-72-8	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM071918\
Data File : BM016009.D
Acq On : 20 Jul 2018 02:45
Operator : SJ/JU
Sample : J4039-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DB1P8

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

TIC Top Hit name	RT	EstConc	Units	Response	Internal Standard #	RT	Resp	Conc
n-Hexadecanoic acid	18.45	6.1	ng/ul	348006	4	17.61	1137110	20.0
Octadecanoic acid	19.70	2.8	ng/ul	216287	5	21.72	1531370	20.0
(DEL) Alkane: Str...	20.93	2.9	ng/ul	223589	5	21.72	1531370	20.0
(DEL) Alkane: Str...	21.39	8.9	ng/ul	682050	5	21.72	1531370	20.0
(DEL) Alkane: Str...	21.82	5.0	ng/ul	383154	5	21.72	1531370	20.0
(DEL) Alkane: Str...	22.27	5.6	ng/ul	429889	5	21.72	1531370	20.0
(DEL) Alkane: Str...	22.76	6.4	ng/ul	490338	5	21.72	1531370	20.0
Supraene	22.90	5.4	ng/ul	414394	5	21.72	1531370	20.0
(DEL) Alkane: Str...	23.29	6.6	ng/ul	464360	6	24.11	1402800	20.0
(DEL) Alkane: Str...	23.89	5.6	ng/ul	392713	6	24.11	1402800	20.0
(DEL) Alkane: Str...	24.57	5.4	ng/ul	380907	6	24.11	1402800	20.0