LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071719\
Data File : BM021501.D
Acq On : 17 Jul 2019 22:16
Operator : HP/JU
Sample : K3772-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A52P8

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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-BM070819MA.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	3.258	44	46	51	rVB2	40285	42118	0.68%	0.082%
2	6.898	660	665	676	rVB	187262	327370	5.27%	0.639%
3	7.069	688	694	704	rVB	545279	900013	14.49%	1.756%
4	7.257	720	726	737	rVB	680526	1104179	17.78%	2.155%
5	7.722	799	805	812	rVB	699391	1089589	17.55%	2.126%
6	8.428	919	925	935	rBV	499906	804043	12.95%	1.569%
7	8.887	996	1003	1019	rVB	739814	1275606	20.54%	2.489%
8	9.598	1117	1124	1140	rVB	641380	1040605	16.76%	2.031%
9	10.128	1208	1214	1233	rVB	867674	1626827	26.20%	3.175%
10	10.504	1271	1278	1286	rBV	947112	1533503	24.69%	2.992%
11	10.669	1301	1306	1319	rVV	40967	87572	1.41%	0.171%
12	11.181	1388	1393	1404	rVB	26965	52850	0.85%	0.103%
13	12.022	1530	1536	1540	rBV2	3951	6843	0.11%	0.013%
14	12.110	1546	1551	1556	rVB2	11388	19918	0.32%	0.039%
15	12.710	1646	1653	1658	rVB4	3561	6343	0.10%	0.012%
16	12.963	1691	1696	1701	rVB2	5857	9225	0.15%	0.018%
17	13.780	1825	1835	1840	rBV	1768000	2439317	39.28%	4.760%
18	13.827	1840	1843	1849	rVB	180946	246599	3.97%	0.481%
19	14.057	1873	1882	1895	rBV2	2007966	2977112	47.94%	5.809%
20	14.363	1927	1934	1943	rBV2	1333455	1999101	32.19%	3.901%
21	14.604	1968	1975	1987	rBV	75008	175634	2.83%	0.343%
22	14.786	2000	2006	2013	rBV4	16989	23067	0.37%	0.045%
23	15.121	2058	2063	2068	rBV	39349	54189	0.87%	0.106%
24	15.204	2072	2077	2081	rVB4	4962	9111	0.15%	0.018%
25	15.363	2097	2104	2116	rBV	2668475	3731519	60.09%	7.282%
26	15.498	2121	2127	2139	rVV	606893	861629	13.87%	1.681%
27	15.604	2139	2145	2150	rVB2	27874	41514	0.67%	0.081%
28	16.063	2216	2223	2224	rBV5	6012	8639	0.14%	0.017%
29	16.086	2224	2227	2232	rVV4	9994	20052	0.32%	0.039%
30	16.145	2233	2237	2242	rVB6	9871	16560	0.27%	0.032%
31	16.521	2297	2301	2305	rBV3	15594	23437	0.38%	0.046%
32	16.904	2363	2366	2373	rVB3	8938	13817	0.22%	0.027%
33	17.115	2395	2402	2412	rBV2	1754726	2385398	38.41%	4.655%
34	17.215	2412	2419	2429	rVV2	2737010	3871594	62.34%	7.555%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071719\
Data File : BM021501.D
Acq On : 17 Jul 2019 22:16
Operator : HP/JU
Sample : K3772-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A52P8

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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-BM070819MA.M
Title : SVOA CALIBRATION

35	17.286	2429	2431	2434	rVB3	9064	11111	0.18%	0.022%
36	17.510	2466	2469	2473	rVB5	5311	7807	0.13%	0.015%
37	17.886	2528	2533	2540	rBV4	21240	39094	0.63%	0.076%
38	18.010	2549	2554	2564	rBV	430805	689787	11.11%	1.346%
39	18.362	2610	2614	2618	rBV6	10767	13760	0.22%	0.027%
40	19.151	2743	2748	2750	rBV	64256	89786	1.45%	0.175%
41	19.292	2768	2772	2785	rBV	266817	460133	7.41%	0.898%
42	19.404	2787	2791	2794	rVB	26701	40300	0.65%	0.079%
43	19.515	2804	2810	2816	rBV	3449623	4750359	76.49%	9.270%
44	20.545	2982	2985	2988	rBV3	30727	41428	0.67%	0.081%
45	21.009	3061	3064	3073	rBV2	158270	288699	4.65%	0.563%
46	21.303	3109	3114	3124	rBV	2084823	2769589	44.60%	5.405%
47	21.445	3135	3138	3142	rBV	193109	202484	3.26%	0.395%
48	21.880	3208	3212	3218	rBV	382926	452805	7.29%	0.884%
49	22.345	3287	3291	3297	rVB	608201	751129	12.10%	1.466%
50	22.850	3373	3377	3383	rVB	703624	996640	16.05%	1.945%
51	23.421	3467	3474	3484	rBV	3373979	6210088	100.00%	12.118%
52	23.562	3492	3498	3506	rVB	1482885	2802555	45.13%	5.469%
53	24.068	3579	3584	3593	rVB	558180	1014978	16.34%	1.981%
54	24.809	3706	3710	3724	rVB	342469	788259	12.69%	1.538%

Sum of corrected areas: 51245684

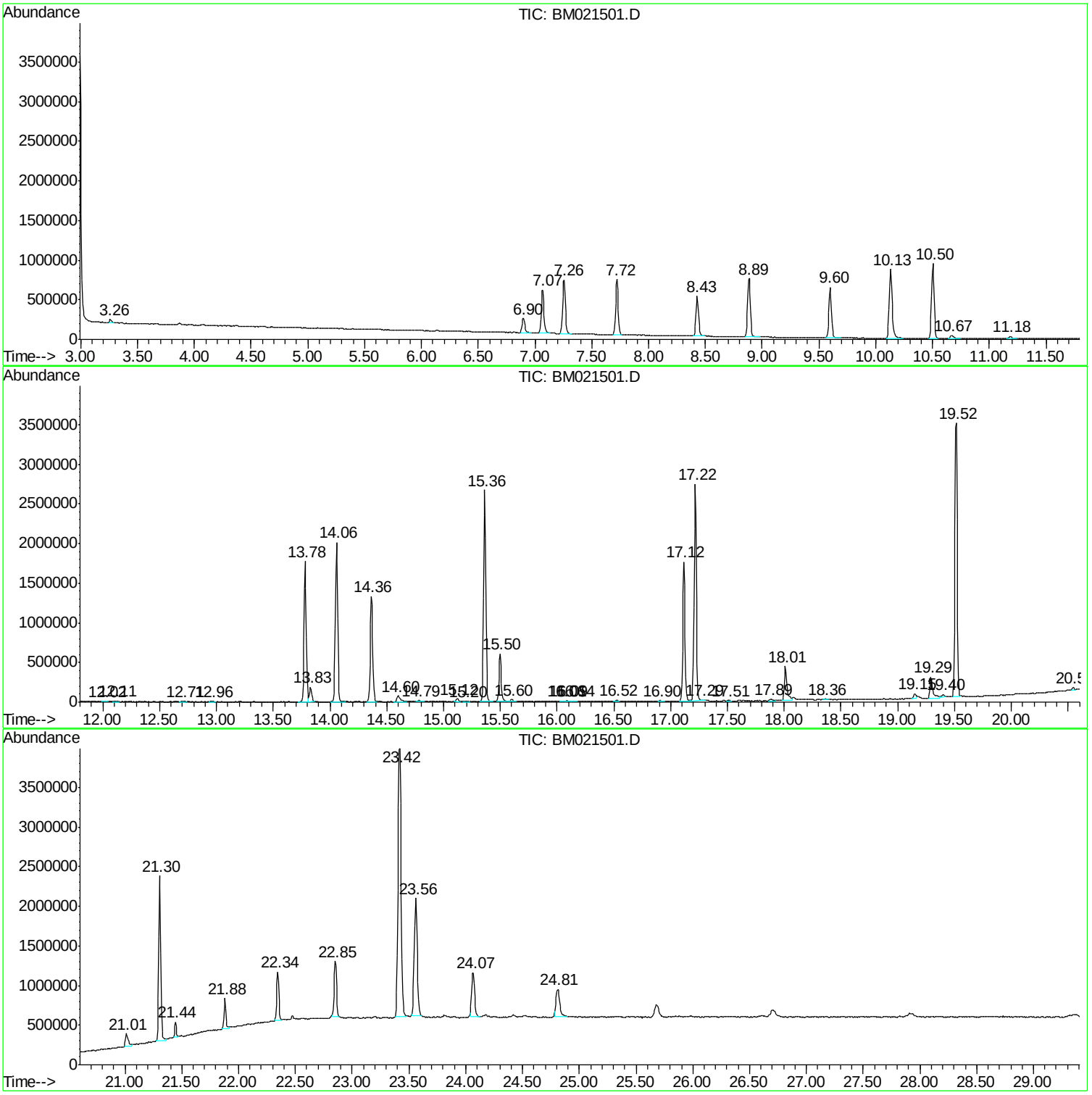
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071719\
Data File : BM021501.D
Acq On : 17 Jul 2019 22:16
Operator : HP/JU
Sample : K3772-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A52P8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071719\
Data File : BM021501.D
Acq On : 17 Jul 2019 22:16
Operator : HP/JU
Sample : K3772-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A52P8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Quant Title : SVOA CALIBRATION

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

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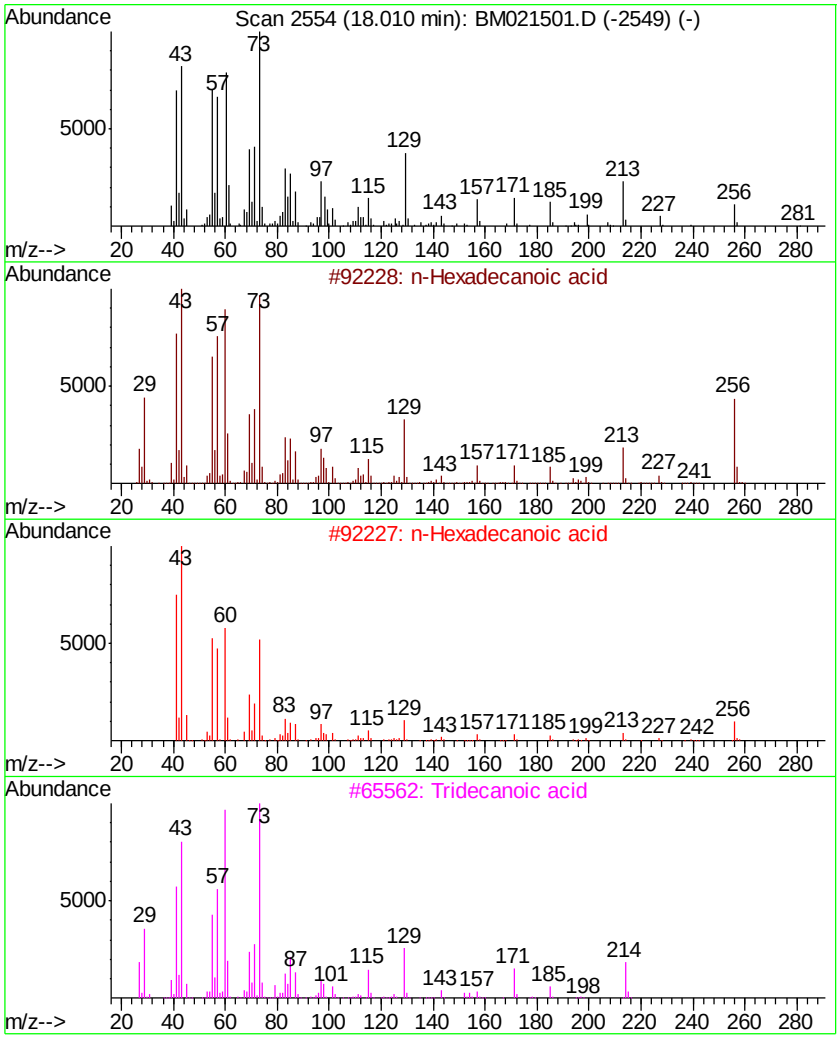
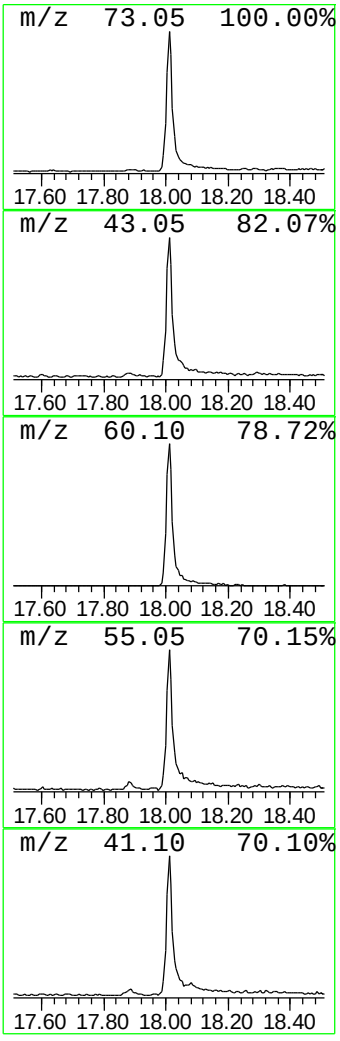
Peak Number 1 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.01	5.78 ng/ul	689787	Phenanthrene-d10	17.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3	Tridecanoic acid	214	C13H26O2	000638-53-9	76
4	n-Decanoic acid	172	C10H20O2	000334-48-5	70
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	38





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071719\
Data File : BM021501.D
Acq On : 17 Jul 2019 22:16
Operator : HP/JU
Sample : K3772-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A52P8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Quant Title : SVOA CALIBRATION

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

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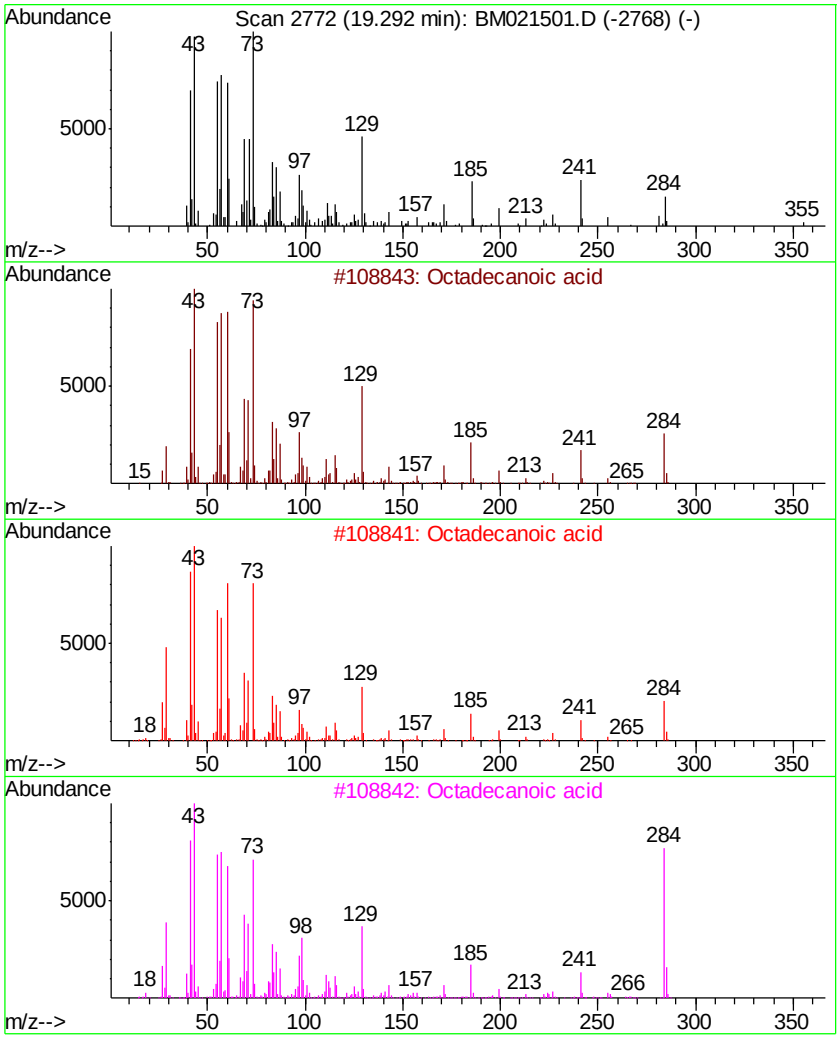
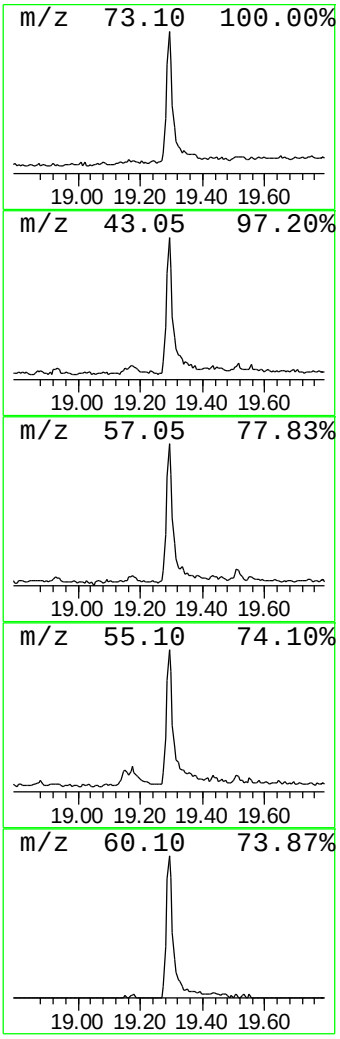
Peak Number 2 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.29	3.32 ng/ul	460133	Chrysene-d12	21.30

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	96
3	Octadecanoic acid	284	C18H36O2	000057-11-4	95
4	Octadecanoic acid	284	C18H36O2	000057-11-4	94
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071719\
Data File : BM021501.D
Acq On : 17 Jul 2019 22:16
Operator : HP/JU
Sample : K3772-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A52P8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Quant Title : SVOA CALIBRATION

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

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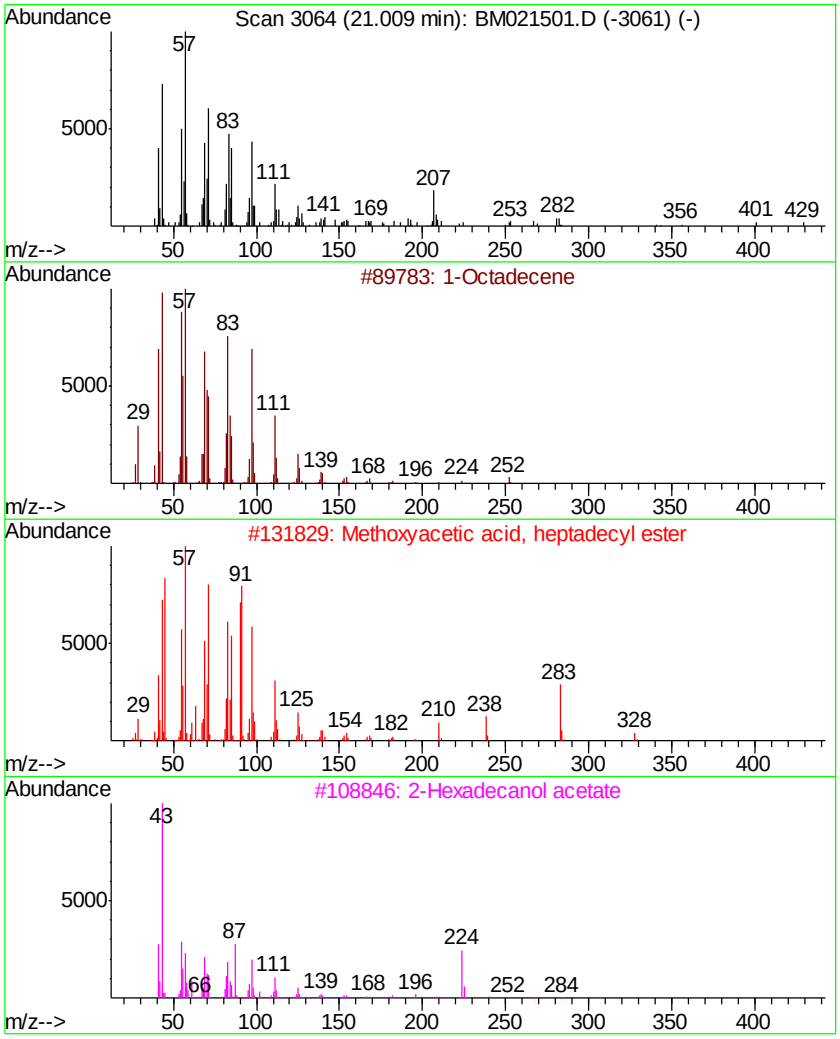
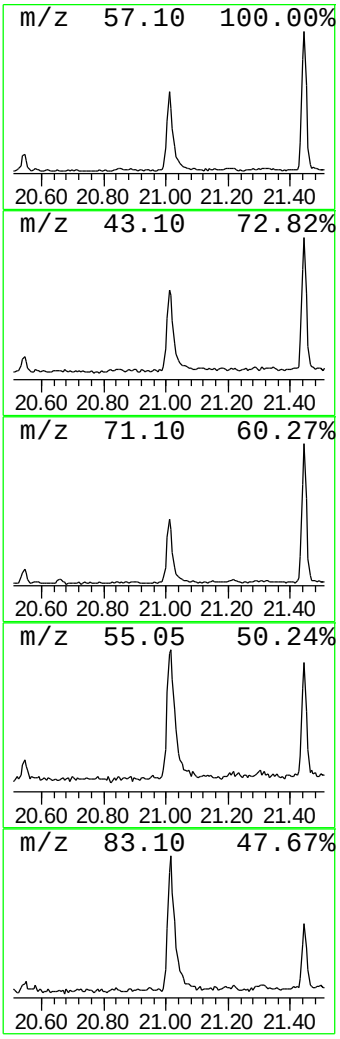
Peak Number 3 (DEL) Alkane: Cyclic21.01 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.01	2.08 ng/ul	288699	Chrysene-d12	21.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecene	252	C18H36	000112-88-9	95
2	Methoxyacetic acid, heptadecyl e...	328	C20H40O3	1000282-99-1	90
3	2-Hexadecanol acetate	284	C18H36O2	037590-88-8	83
4	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	74
5	1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	74





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071719\
Data File : BM021501.D
Acq On : 17 Jul 2019 22:16
Operator : HP/JU
Sample : K3772-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A52P8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Quant Title : SVOA CALIBRATION

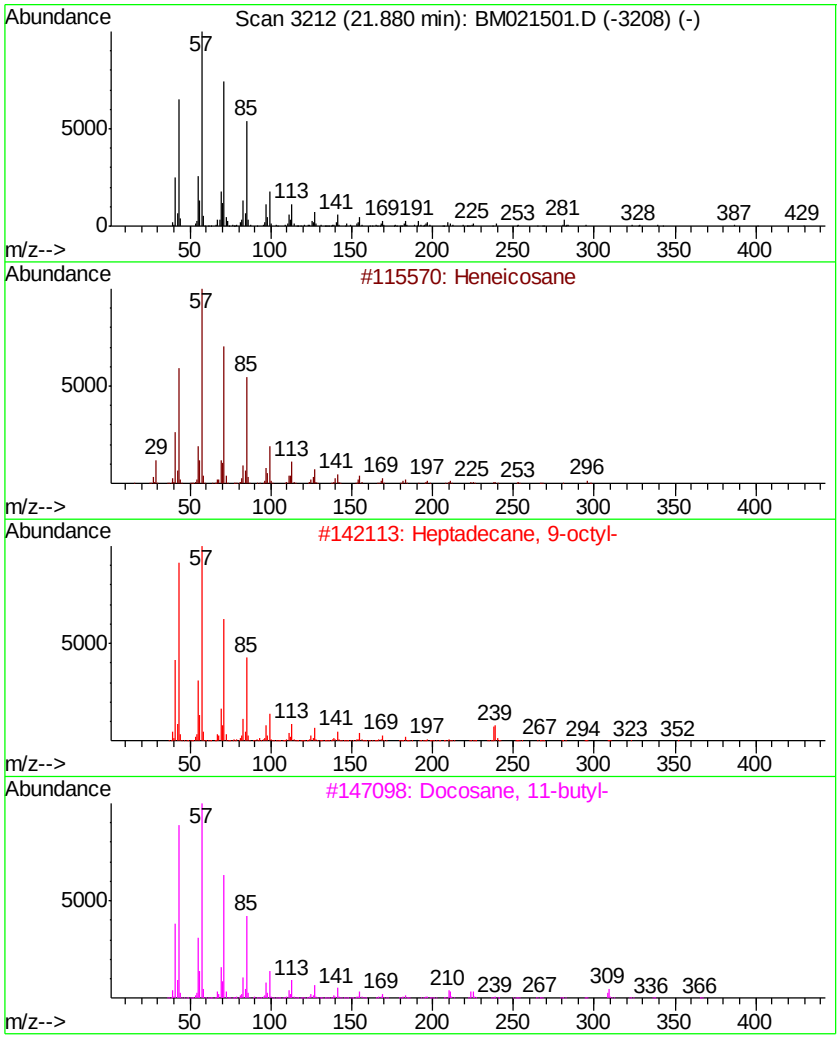
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

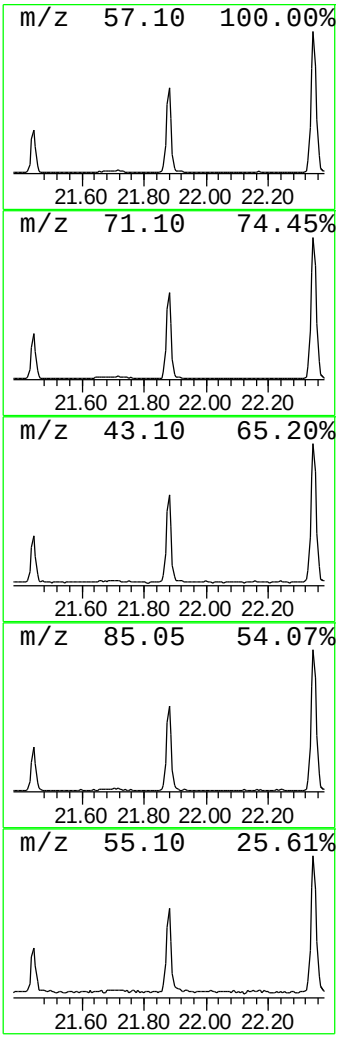
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.88	3.27 ng/ul	452805	Chrysene-d12	21.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3	Docosane, 11-butyl-	366	C26H54	013475-76-8	91
4	Nonacosane	408	C29H60	000630-03-5	91
5	Tetracosane	338	C24H50	000646-31-1	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071719\
Data File : BM021501.D
Acq On : 17 Jul 2019 22:16
Operator : HP/JU
Sample : K3772-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A52P8

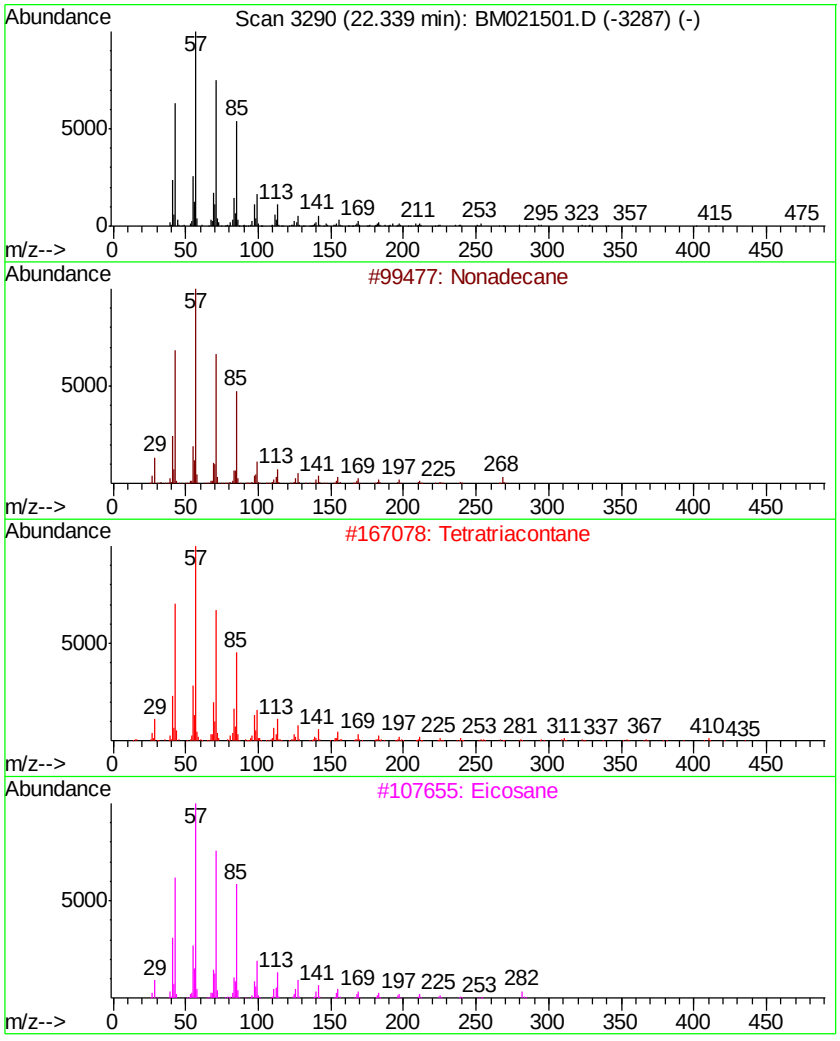
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Quant Title : SVOA CALIBRATION

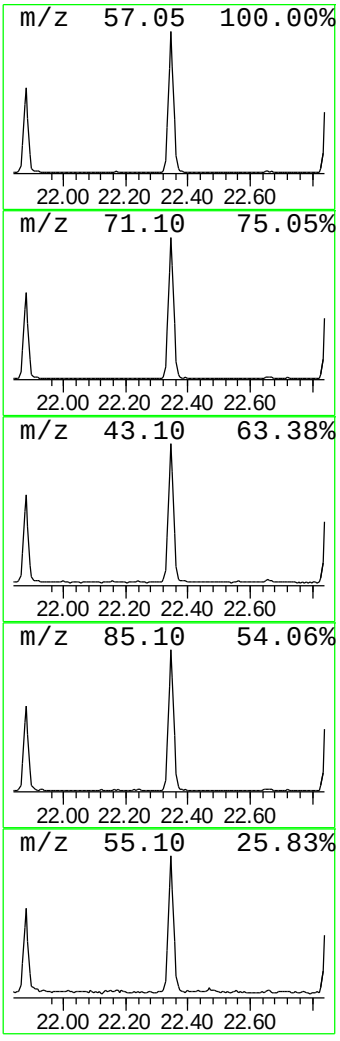
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.34	5.42 ng/ul	751129	Chrysene-d12	21.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	94
2	Tetratriacontane	479	C34H70	014167-59-0	91
3	Eicosane	282	C20H42	000112-95-8	91
4	Octadecane, 2-methyl-	268	C19H40	001560-88-9	91
5	Heneicosane	296	C21H44	000629-94-7	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071719\
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Acq On : 17 Jul 2019 22:16
Operator : HP/JU
Sample : K3772-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A52P8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Quant Title : SVOA CALIBRATION

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

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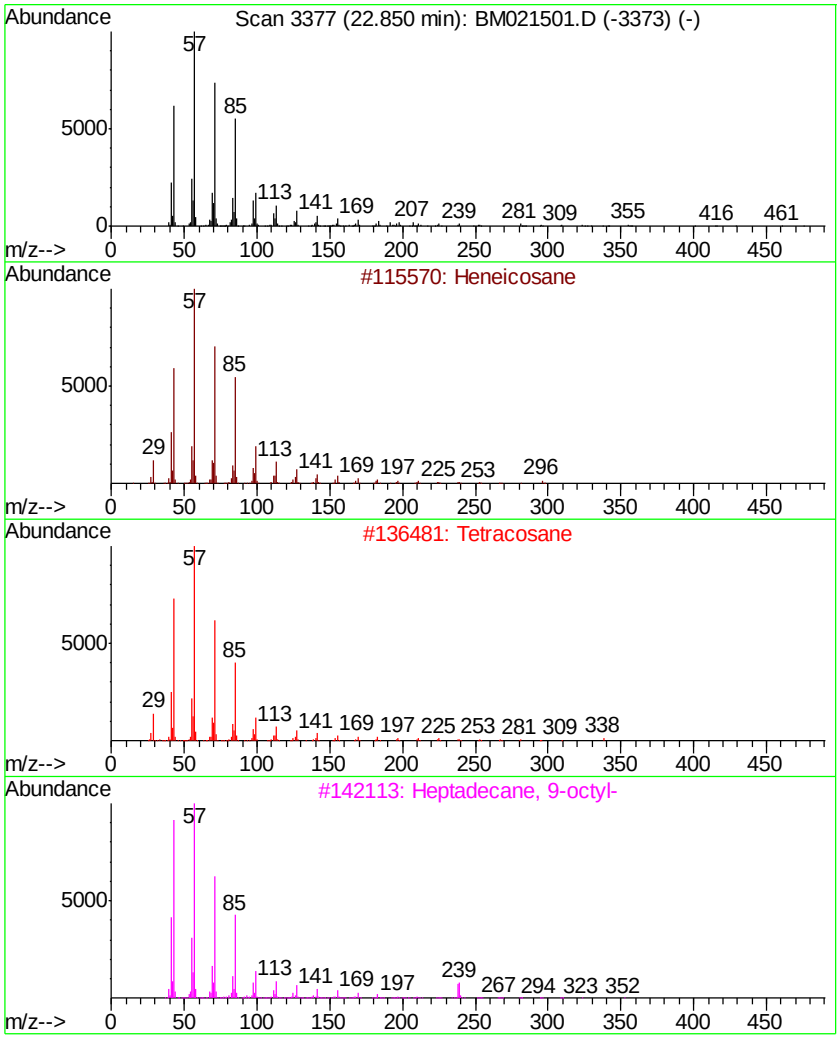
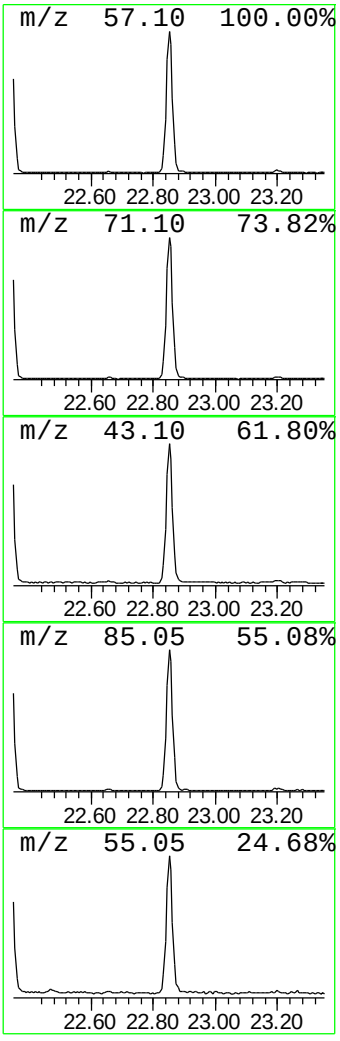
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.85	7.11 ng/ul	996640	Perylene-d12	23.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	96
2	Tetracosane	338	C24H50	000646-31-1	91
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4	Eicosane	282	C20H42	000112-95-8	91
5	Tetratetracontane	619	C44H90	007098-22-8	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071719\
Data File : BM021501.D
Acq On : 17 Jul 2019 22:16
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Sample : K3772-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A52P8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Quant Title : SVOA CALIBRATION

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

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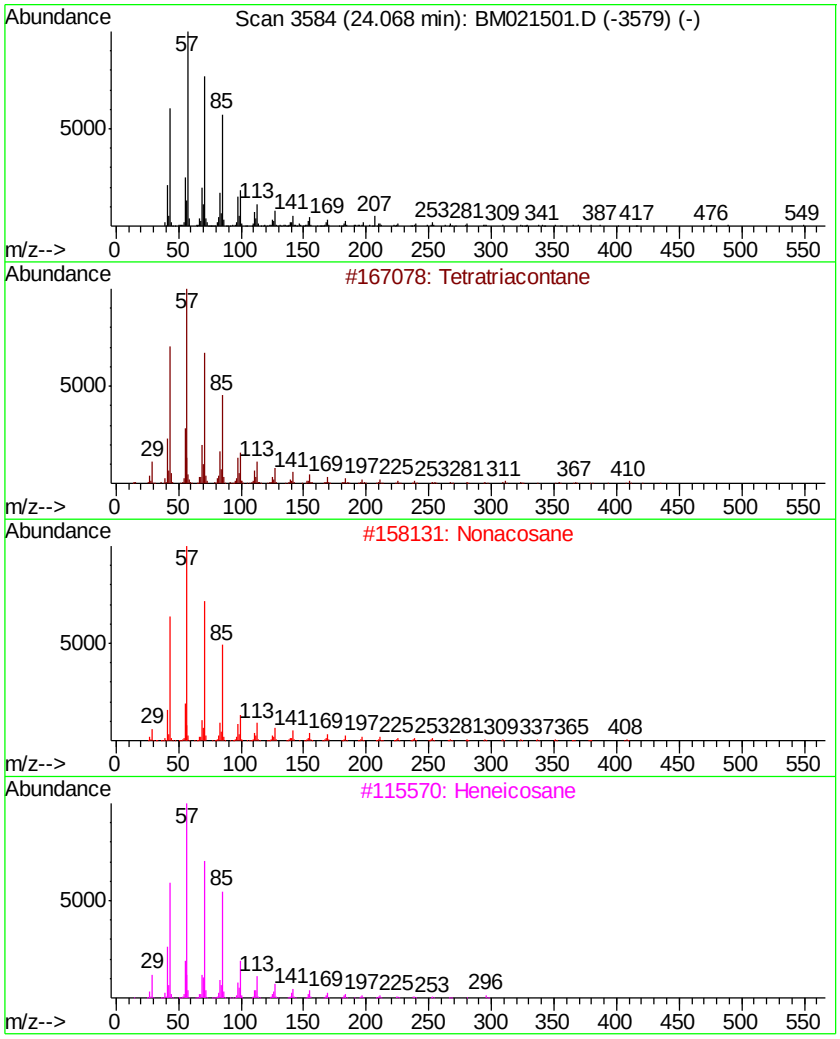
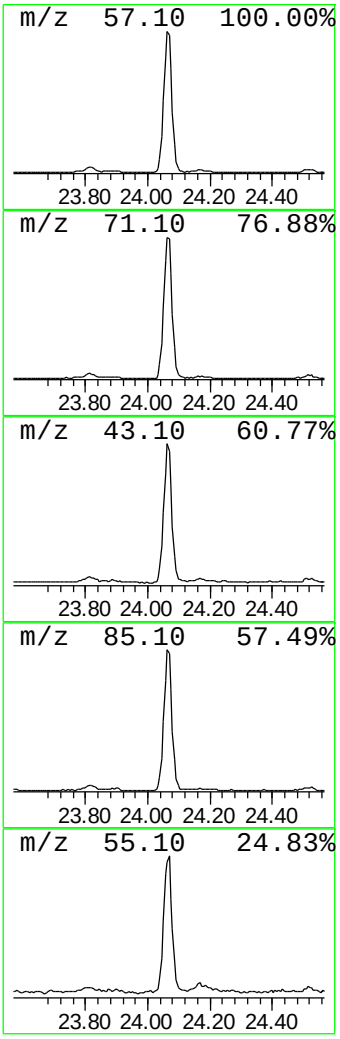
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.07	7.24 ng/ul	1014980	Perylene-d12	23.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratriacontane	479	C34H70	014167-59-0	94
2	Nonacosane	408	C29H60	000630-03-5	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Octacosane	394	C28H58	000630-02-4	91
5	Heptacosane	380	C27H56	000593-49-7	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071719\
Data File : BM021501.D
Acq On : 17 Jul 2019 22:16
Operator : HP/JU
Sample : K3772-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A52P8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Quant Title : SVOA CALIBRATION

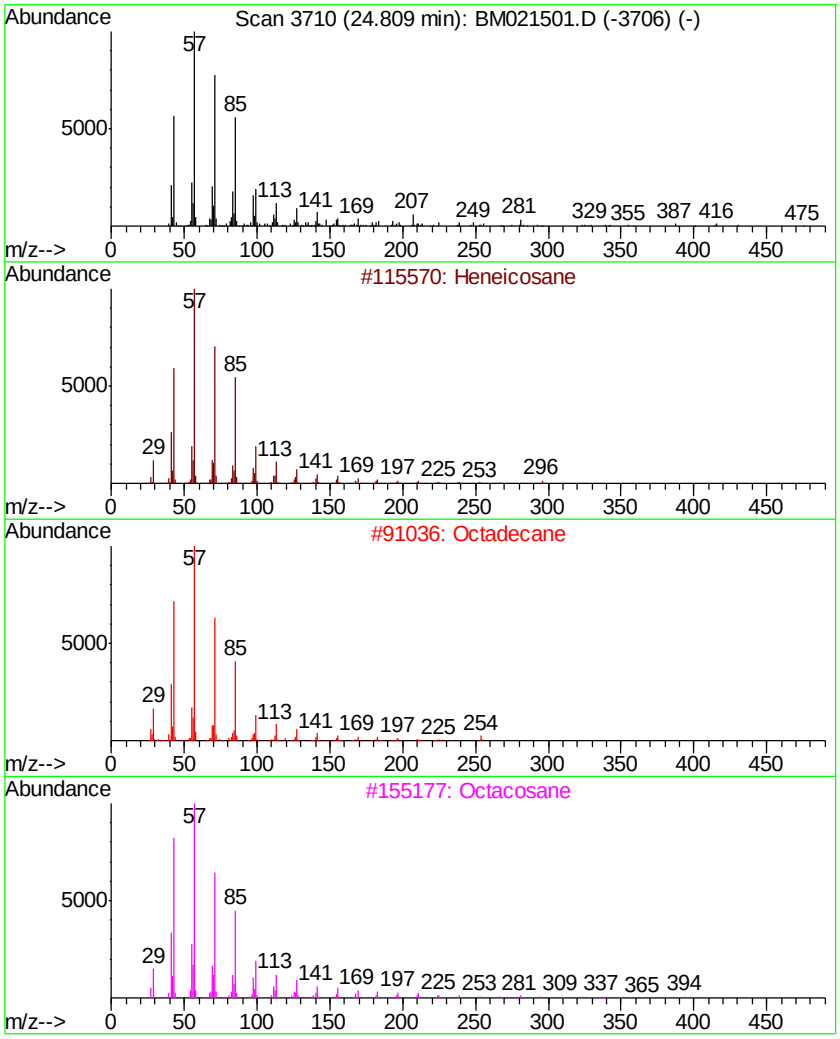
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

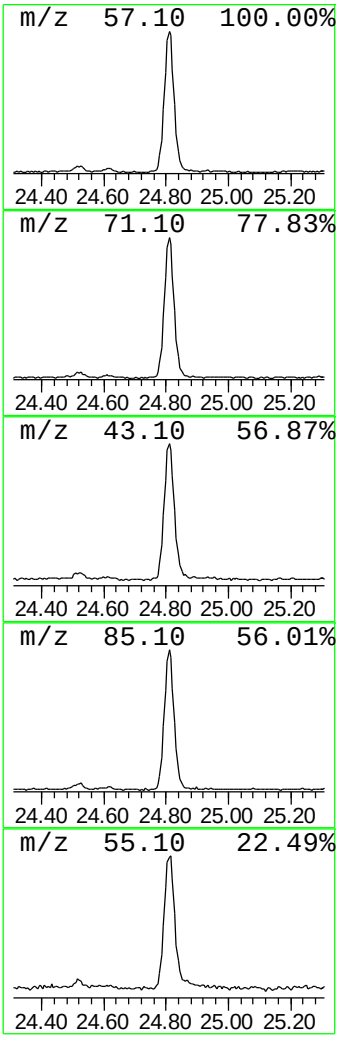
****

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.81	5.63 ng/ul	788259	Perylene-d12	23.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	97
2	Octadecane	254	C18H38	000593-45-3	93
3	Octacosane	394	C28H58	000630-02-4	91
4	Tetratriacontane	479	C34H70	014167-59-0	91
5	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM071719\
Data File : BM021501.D
Acq On : 17 Jul 2019 22:16
Operator : HP/JU
Sample : K3772-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A52P8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Quant Title : SVOA 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
n-Hexadecanoic acid	18.01	5.8	ng/ul	689787	4	17.12	2385400	20.0
Octadecanoic acid	19.29	3.3	ng/ul	460133	5	21.30	2769590	20.0
(DEL) Alkane: Cyc...	21.01	2.1	ng/ul	288699	5	21.30	2769590	20.0
(DEL) Alkane: Str...	21.88	3.3	ng/ul	452805	5	21.30	2769590	20.0
(DEL) Alkane: Str...	22.34	5.4	ng/ul	751129	5	21.30	2769590	20.0
(DEL) Alkane: Str...	22.85	7.1	ng/ul	996640	6	23.56	2802560	20.0
(DEL) Alkane: Str...	24.07	7.2	ng/ul	1014980	6	23.56	2802560	20.0
(DEL) Alkane: Str...	24.81	5.6	ng/ul	788259	6	23.56	2802560	20.0