LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041019\
Data File : BM019862.D
Acq On : 10 Apr 2019 14:08
Operator : JU/SJ
Sample : K2218-05
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5Z5

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-BM032219MA.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	3.110	19	21	32	rVB	39496	68031	1.94%	0.220%
2	3.798	135	138	145	rBV	25903	42115	1.20%	0.136%
3	4.022	174	176	178	rVB3	4390	3974	0.11%	0.013%
4	6.745	633	639	655	rBV	390587	836035	23.84%	2.708%
5	6.904	661	666	682	rBV	312721	578031	16.48%	1.872%
6	7.086	691	697	709	rBV	494638	822252	23.45%	2.664%
7	7.551	769	776	785	rBV	324993	538063	15.35%	1.743%
8	8.275	892	899	915	rBV	494349	953479	27.19%	3.089%
9	8.722	969	975	992	rBV	404883	753893	21.50%	2.442%
10	9.028	1021	1027	1029	rBV4	3497	4603	0.13%	0.015%
11	9.433	1089	1096	1113	rBV	348875	658406	18.78%	2.133%
12	9.975	1181	1188	1205	rBV	439987	956952	27.29%	3.100%
13	10.327	1241	1248	1262	rVB	474386	769451	21.94%	2.493%
14	10.498	1271	1277	1305	rBV	381304	954577	27.22%	3.092%
15	11.945	1517	1523	1524	rBV2	4862	6126	0.17%	0.020%
16	13.633	1804	1810	1816	rBV	908710	1384895	39.50%	4.486%
17	13.686	1816	1819	1829	rVB	150178	213520	6.09%	0.692%
18	13.904	1849	1856	1873	rBV	1190014	1754376	50.03%	5.683%
19	14.215	1903	1909	1920	rBV2	625400	944210	26.93%	3.059%
20	14.498	1951	1957	1975	rBV2	141026	484374	13.81%	1.569%
21	14.645	1978	1982	1988	rVB5	25076	46136	1.32%	0.149%
22	15.057	2047	2052	2057	rVB2	4203	6329	0.18%	0.021%
23	15.215	2073	2079	2091	rBV	1471334	2115873	60.34%	6.854%
24	15.380	2102	2107	2117	rBV	286628	480199	13.69%	1.556%
25	15.457	2117	2120	2126	rVV	22749	34912	1.00%	0.113%
26	15.621	2143	2148	2152	rVB2	3327	5982	0.17%	0.019%
27	15.921	2194	2199	2204	rBV7	3823	8262	0.24%	0.027%
28	16.004	2210	2213	2218	rVB3	5155	6555	0.19%	0.021%
29	16.392	2272	2279	2289	rBV5	10667	24052	0.69%	0.078%
30	16.715	2330	2334	2337	rBV2	3688	4793	0.14%	0.016%
31	16.974	2373	2378	2387	rBV2	776101	1098266	31.32%	3.558%
32	17.074	2389	2395	2408	rVV	1555031	2259234	64.43%	7.318%
33	17.580	2479	2481	2484	rBV3	2675	3532	0.10%	0.011%
34	17.750	2506	2510	2514	rVB5	4541	8088	0.23%	0.026%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041019\
Data File : BM019862.D
Acq On : 10 Apr 2019 14:08
Operator : JU/SJ
Sample : K2218-05
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5Z5

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-BM032219MA.M
Title : SVOA CALIBRATION

35	17.868	2525	2530	2543	rBV	177860	320422	9.14%	1.038%
36	18.239	2591	2593	2598	rVB5	5115	5842	0.17%	0.019%
37	18.850	2695	2697	2701	rBV5	5595	6645	0.19%	0.022%
38	19.021	2723	2726	2728	rBV	20484	26982	0.77%	0.087%
39	19.162	2746	2750	2757	rBV2	76620	143586	4.09%	0.465%
40	19.274	2767	2769	2772	rVB2	12598	11928	0.34%	0.039%
41	19.386	2783	2788	2797	rBV	1916456	2576967	73.49%	8.348%
42	19.456	2797	2800	2806	rVB2	32815	50022	1.43%	0.162%
43	19.627	2826	2829	2833	rBV4	18646	22178	0.63%	0.072%
44	20.409	2960	2962	2965	rBV3	21399	23211	0.66%	0.075%
45	20.886	3040	3043	3048	rBV	120347	152229	4.34%	0.493%
46	21.191	3090	3095	3105	rVB	984848	1276577	36.41%	4.135%
47	21.321	3114	3117	3120	rBV	86418	93204	2.66%	0.302%
48	21.744	3186	3189	3192	rBV	170788	184533	5.26%	0.598%
49	22.191	3261	3265	3271	rBV	351322	429512	12.25%	1.391%
50	22.680	3344	3348	3354	rVB	414198	572392	16.32%	1.854%
51	23.250	3437	3445	3456	rVB3	1506640	3506413	100.00%	11.359%
52	23.391	3464	3469	3477	rVB2	686321	1265373	36.09%	4.099%
53	23.850	3542	3547	3557	rVB	422619	820935	23.41%	2.659%
54	24.568	3665	3669	3677	rVB	277548	551778	15.74%	1.787%

Sum of corrected areas: 30870305

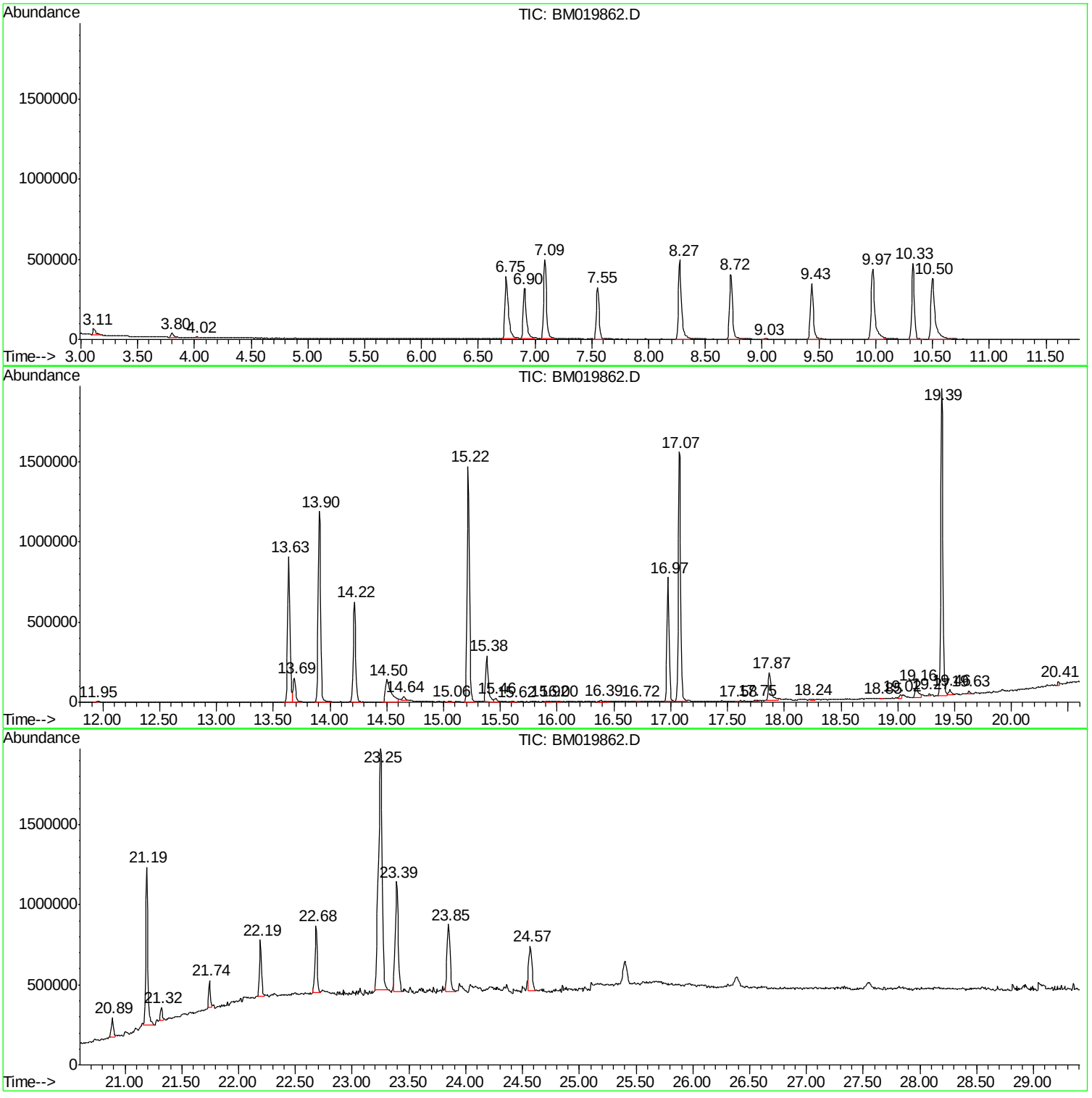
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041019\
Data File : BM019862.D
Acq On : 10 Apr 2019 14:08
Operator : JU/SJ
Sample : K2218-05
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5Z5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.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\BM041019\
Data File : BM019862.D
Acq On : 10 Apr 2019 14:08
Operator : JU/SJ
Sample : K2218-05
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5Z5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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

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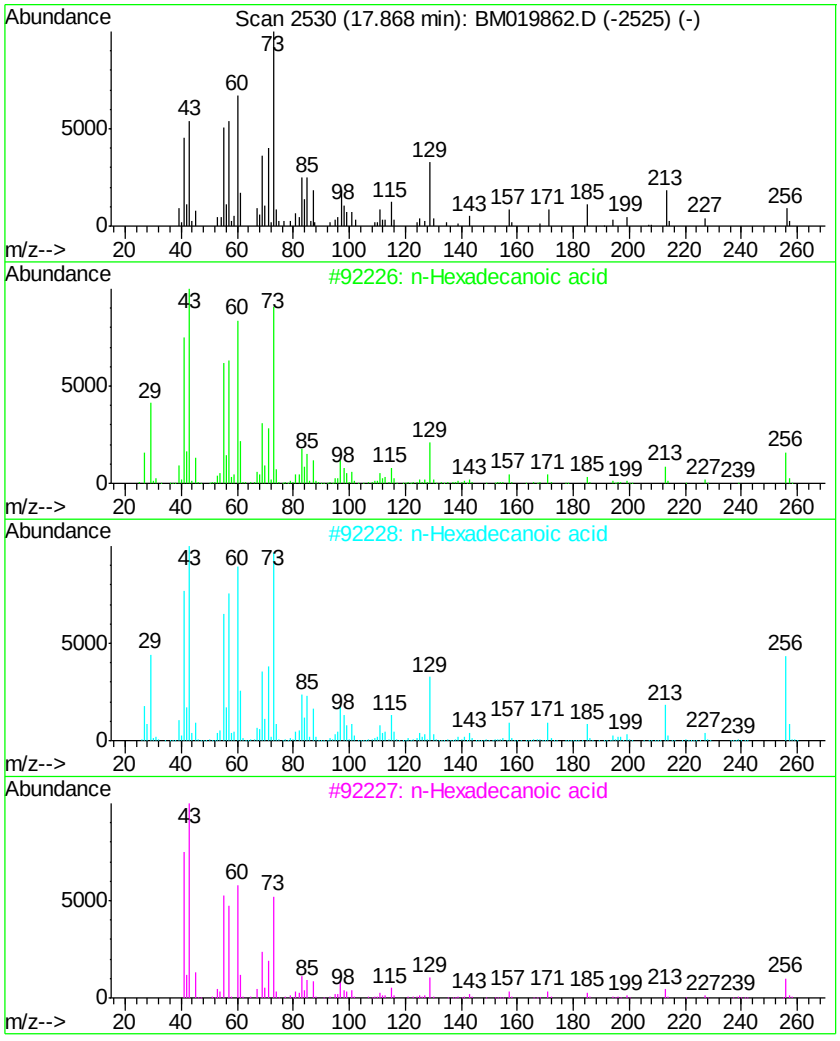
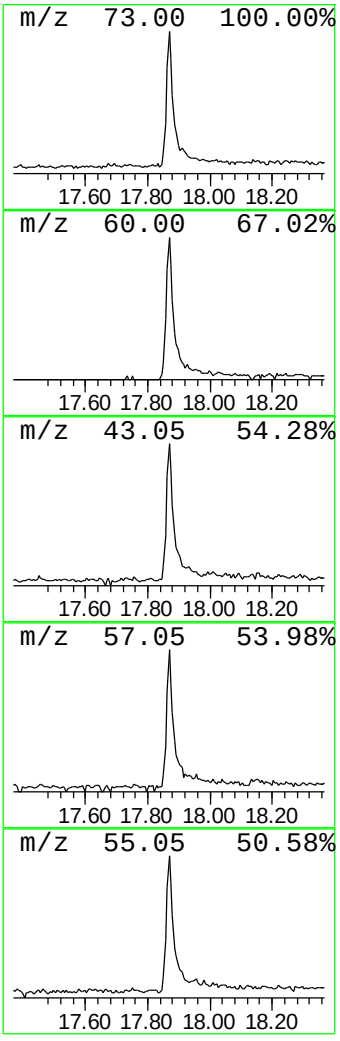
Peak Number 1 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.87	5.84 ng/ul	320422	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	80
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041019\
Data File : BM019862.D
Acq On : 10 Apr 2019 14:08
Operator : JU/SJ
Sample : K2218-05
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5Z5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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

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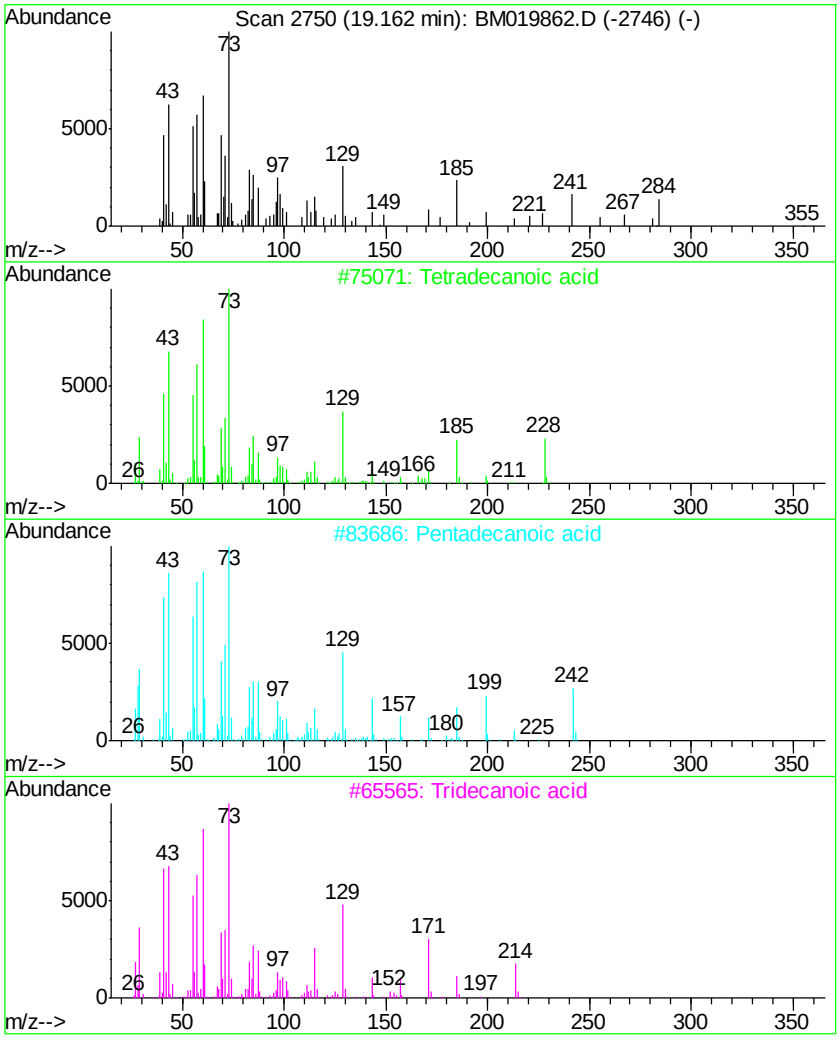
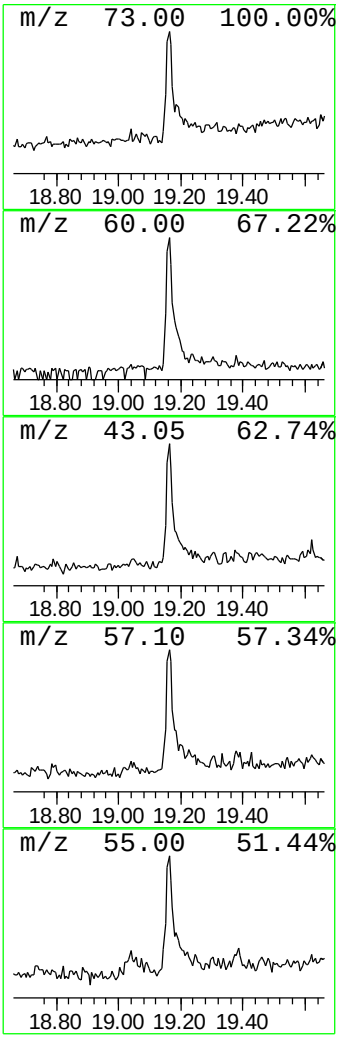
Peak Number 2 Tetradecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.16	2.25 ng/ul	143586	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	53
3	Tridecanoic acid	214	C13H26O2	000638-53-9	47
4	.alpha.-D-Glucopyranoside, .alph...	342	C12H22O11	000099-20-7	43
5	n-Decanoic acid	172	C10H20O2	000334-48-5	43





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041019\
Data File : BM019862.D
Acq On : 10 Apr 2019 14:08
Operator : JU/SJ
Sample : K2218-05
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5Z5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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

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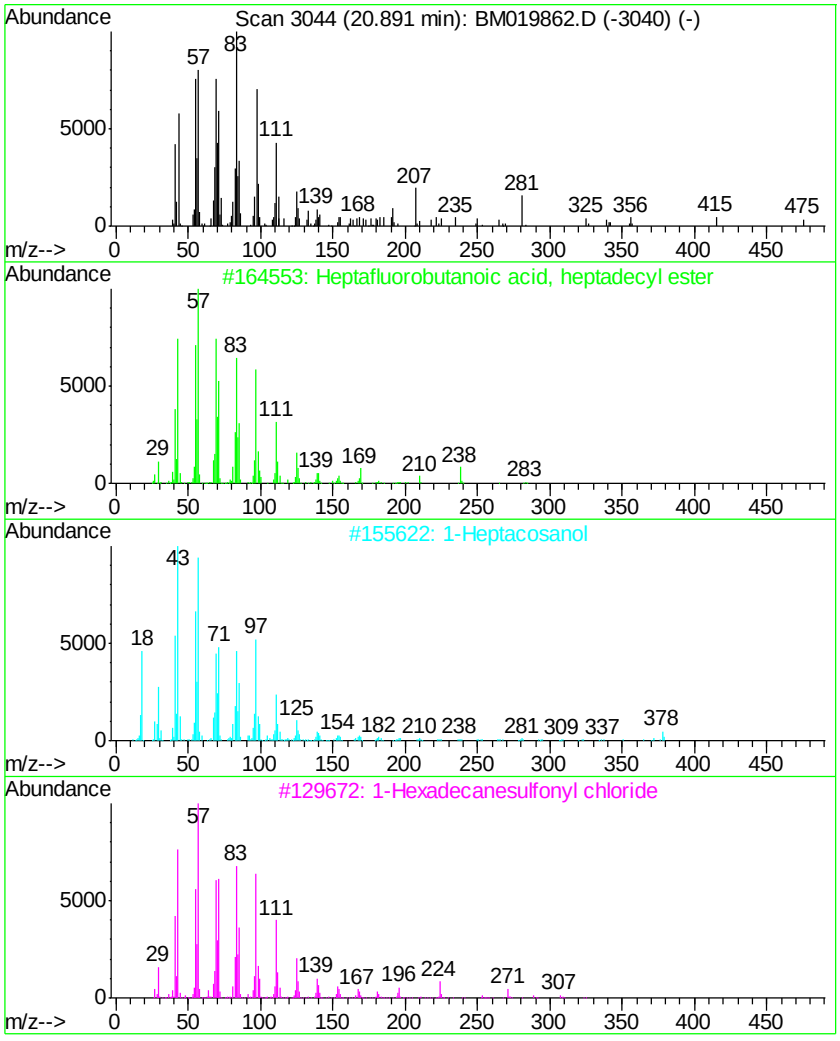
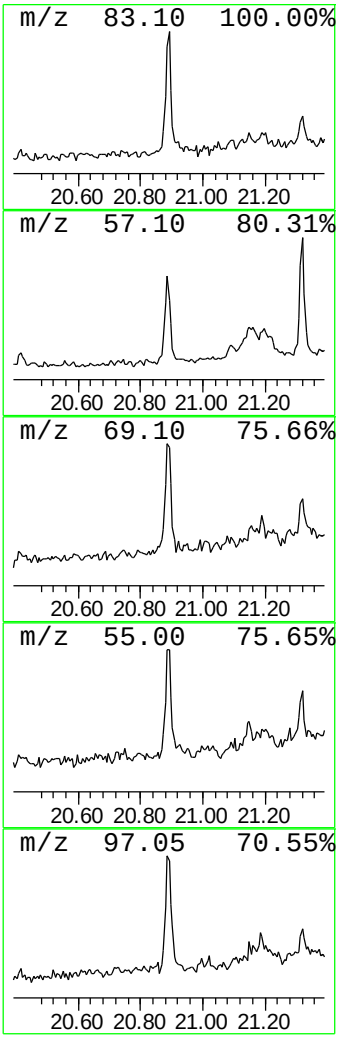
Peak Number 3 Heptafluorobutanoic acid, h... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.89	2.38 ng/ul	152229	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	91
2	1-Heptacosanol	396	C27H56O	002004-39-9	91
3	1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	91
4	1-Tricosene	322	C23H46	018835-32-0	87
5	Cyclooctacosane	392	C28H56	000297-24-5	83





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041019\
Data File : BM019862.D
Acq On : 10 Apr 2019 14:08
Operator : JU/SJ
Sample : K2218-05
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5Z5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

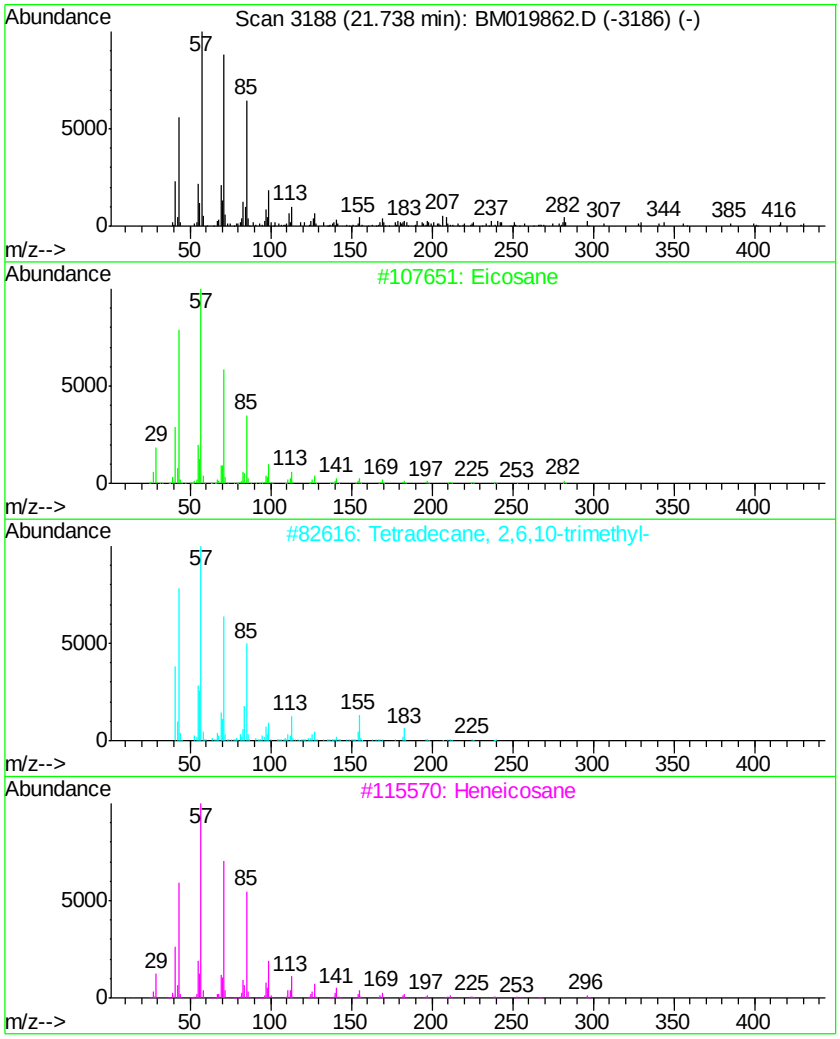
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

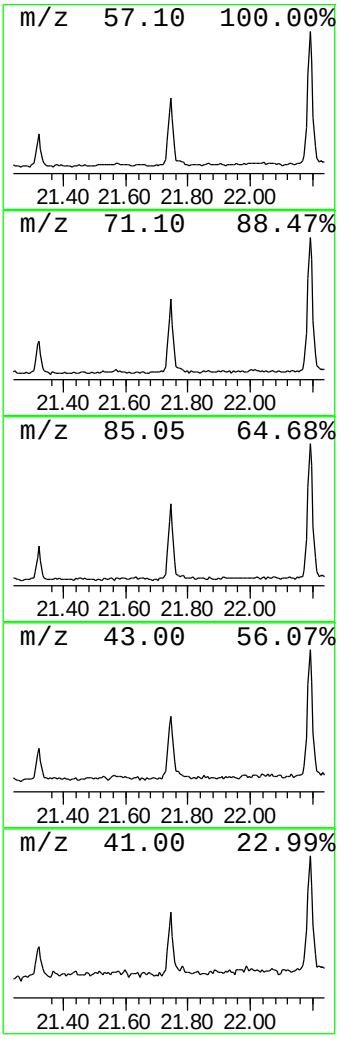
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.74	2.89 ng/ul	184533	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	94
2	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Heptadecane	240	C17H36	000629-78-7	90
5	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041019\
Data File : BM019862.D
Acq On : 10 Apr 2019 14:08
Operator : JU/SJ
Sample : K2218-05
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5Z5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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

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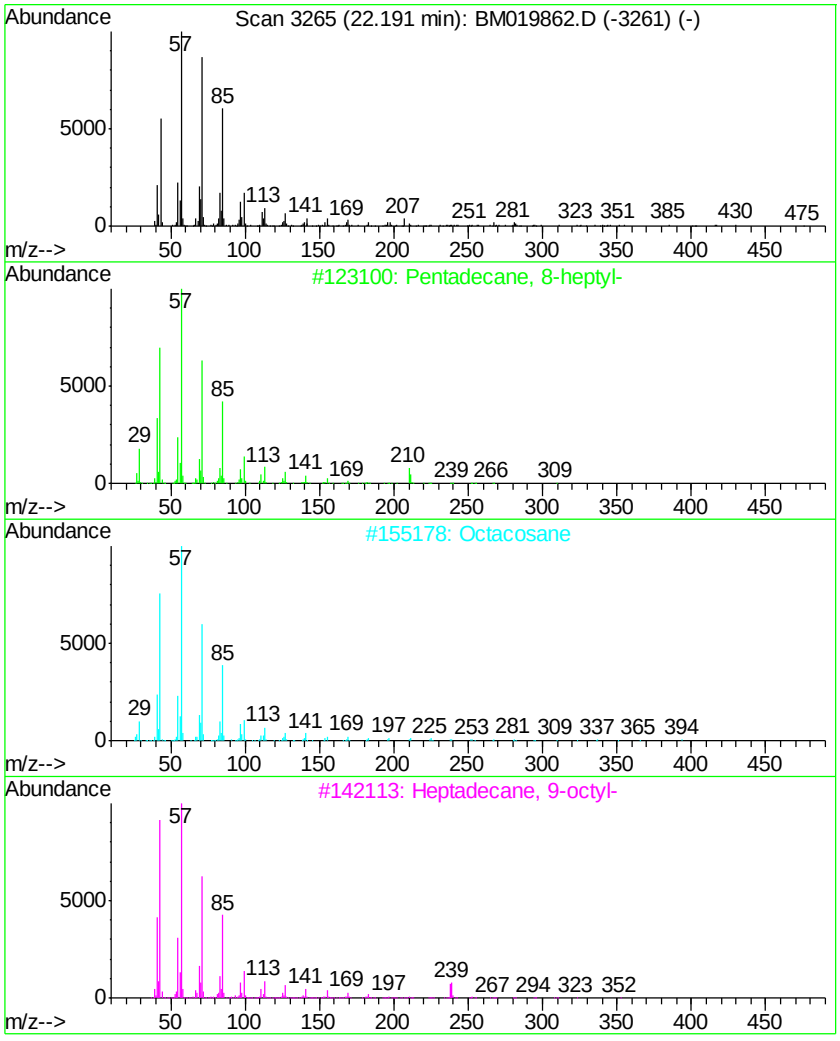
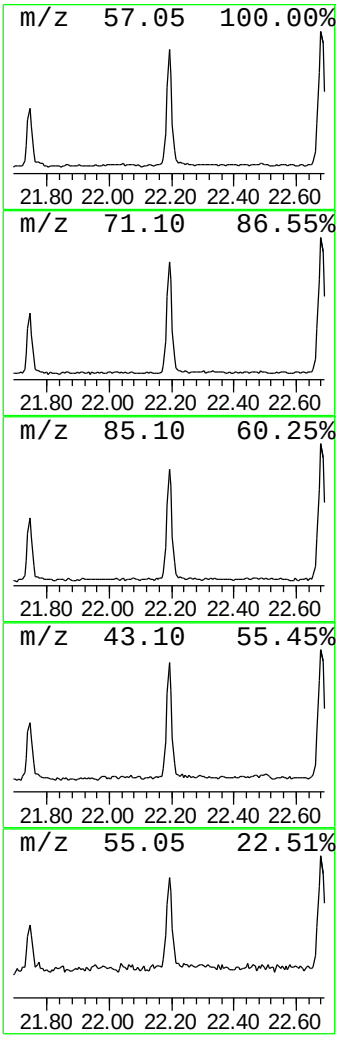
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.19	6.73 ng/ul	429512	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	90
2	Octacosane	394	C28H58	000630-02-4	90
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
4	Eicosane	282	C20H42	000112-95-8	87
5	Nonadecane	268	C19H40	000629-92-5	86





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041019\
Data File : BM019862.D
Acq On : 10 Apr 2019 14:08
Operator : JU/SJ
Sample : K2218-05
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5Z5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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

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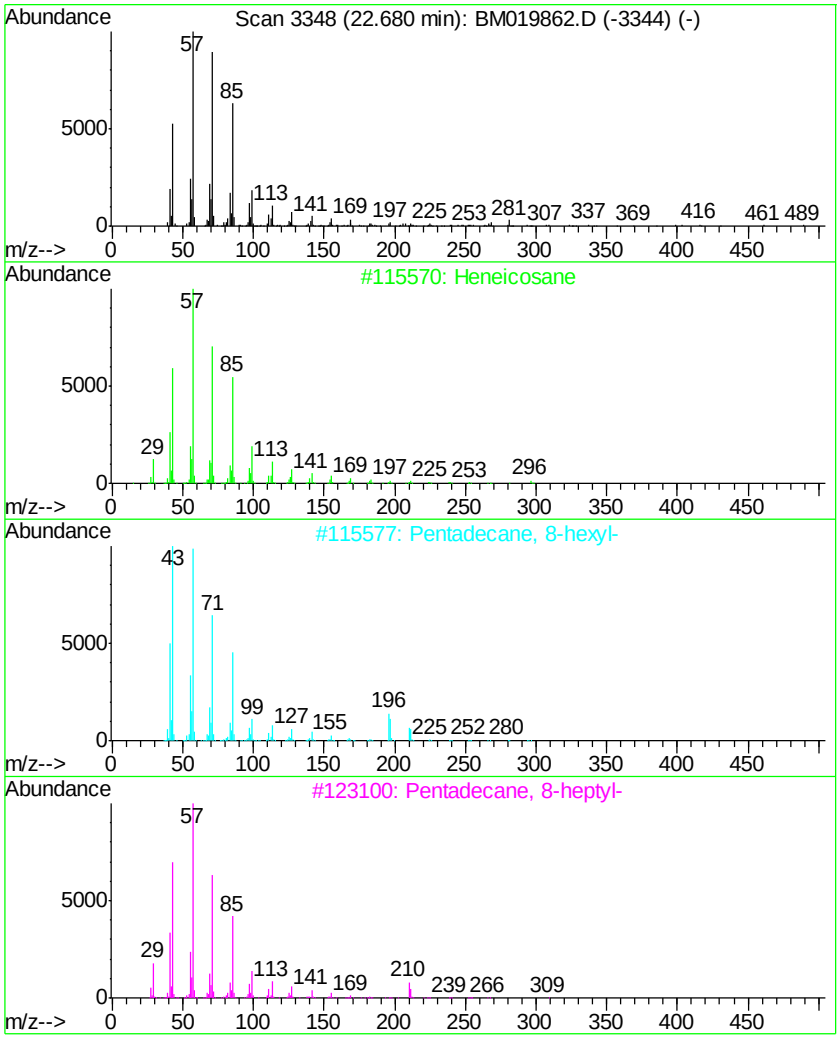
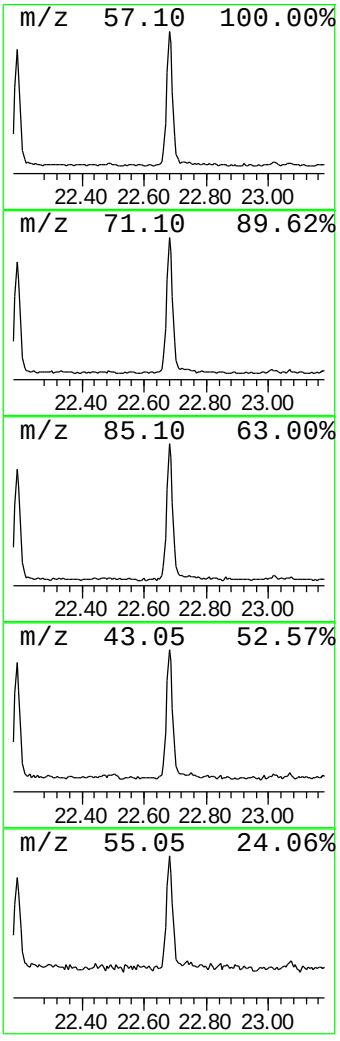
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.68	9.05 ng/ul	572392	Perylene-d12	23.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	91
3	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
4	Docosane, 5-butyl-	366	C26H54	055282-16-1	86
5	Undecane, 3-methyl-	170	C12H26	001002-43-3	83





Library Search Compound Report

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Data File : BM019862.D
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Sample : K2218-05
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5Z5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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

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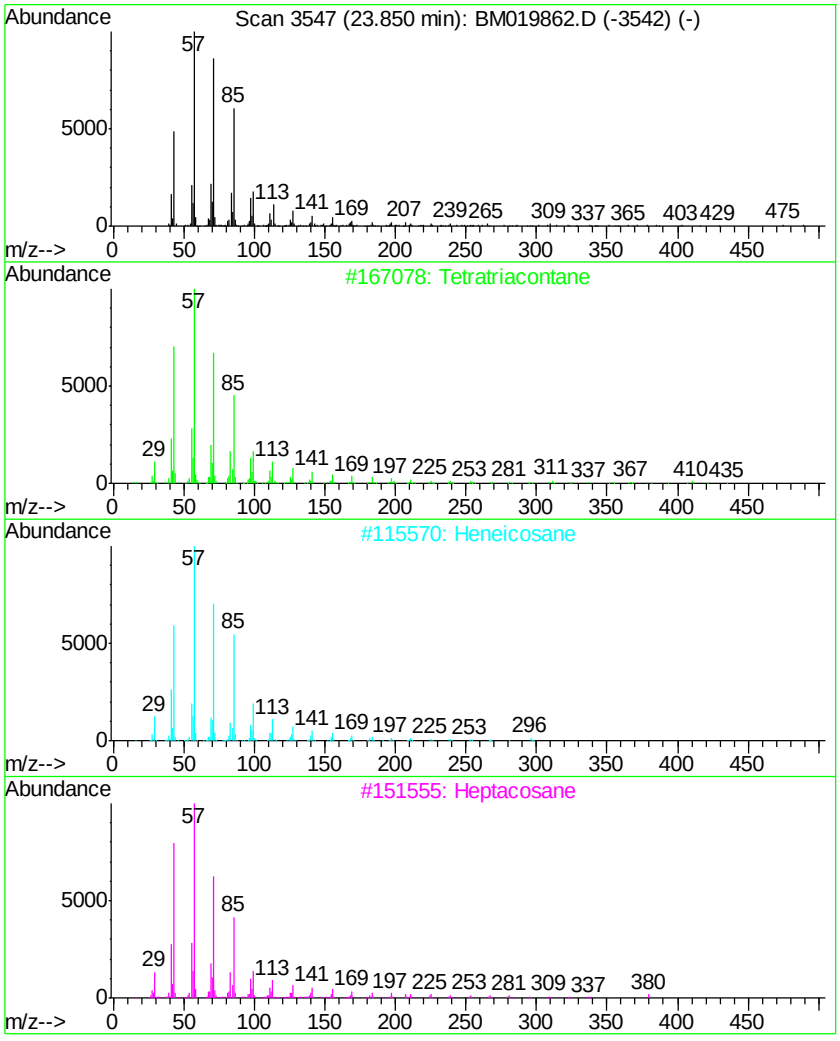
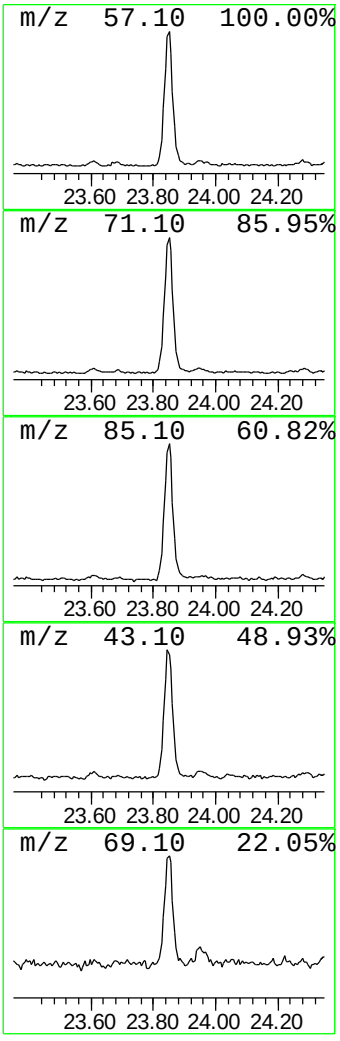
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.85	12.98 ng/ul	820935	Perylene-d12	23.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratriacontane	479	C34H70	014167-59-0	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Heptacosane	380	C27H56	000593-49-7	91
4	Triacontane	422	C30H62	000638-68-6	90
5	Docosane, 11-butyl-	366	C26H54	013475-76-8	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041019\
Data File : BM019862.D
Acq On : 10 Apr 2019 14:08
Operator : JU/SJ
Sample : K2218-05
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5Z5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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

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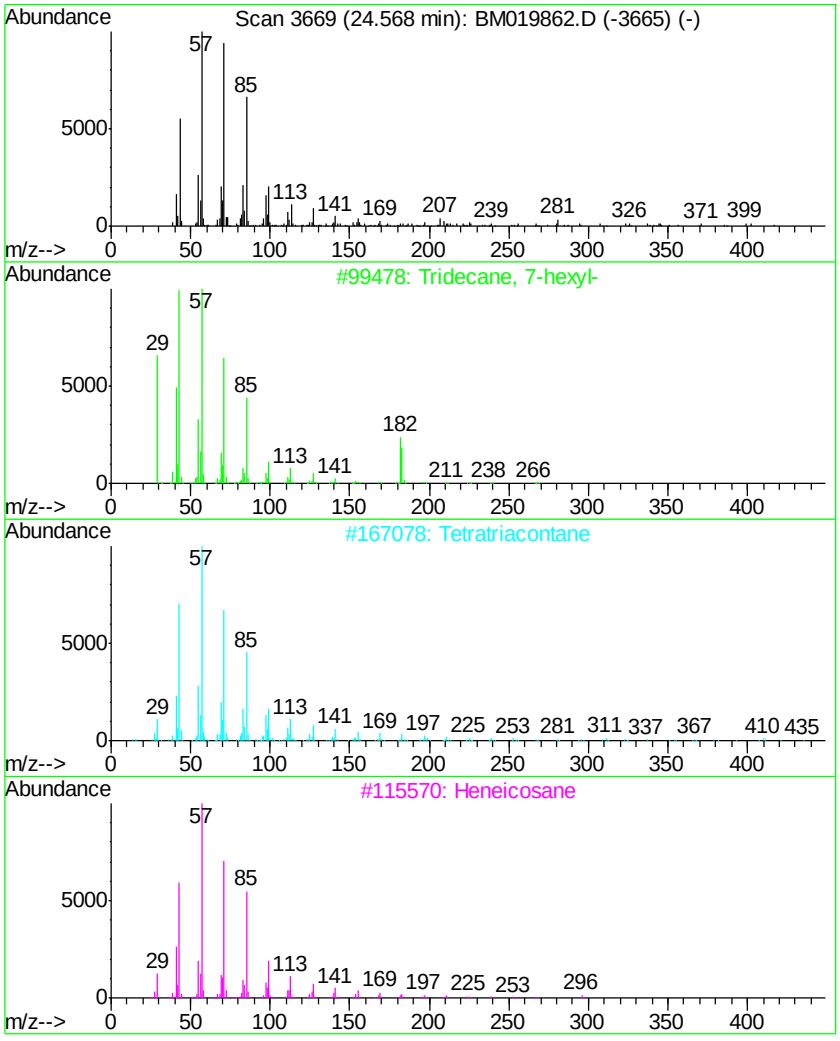
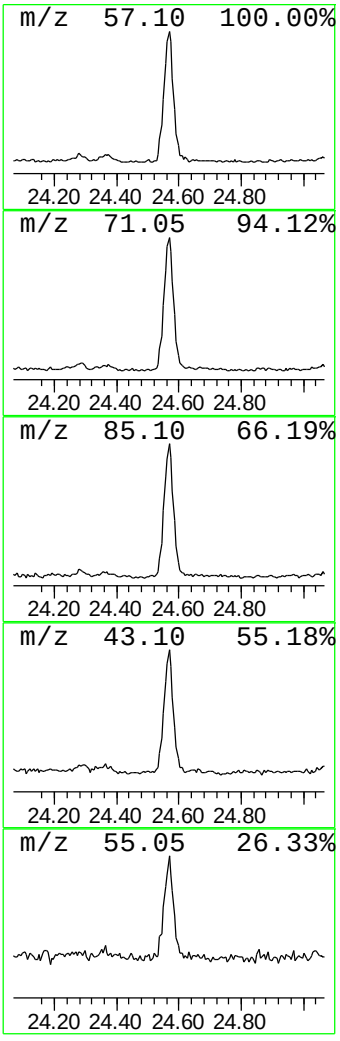
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.57	8.72 ng/ul	551778	Perylene-d12	23.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	95
2	Tetratriacontane	479	C34H70	014167-59-0	91
3	Heneicosane	296	C21H44	000629-94-7	90
4	Tritetracontane	605	C43H88	007098-21-7	86
5	Docosane, 7-butyl-	366	C26H54	055282-15-0	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041019\
Data File : BM019862.D
Acq On : 10 Apr 2019 14:08
Operator : JU/SJ
Sample : K2218-05
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5Z5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.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	17.87	5.8	ng/ul	320422	4	16.97	1098270	20.0
Tetradecanoic acid	19.16	2.3	ng/ul	143586	5	21.19	1276580	20.0
Heptafluorobutano...	20.89	2.4	ng/ul	152229	5	21.19	1276580	20.0
(DEL) Alkane: Str...	21.74	2.9	ng/ul	184533	5	21.19	1276580	20.0
(DEL) Alkane: Str...	22.19	6.7	ng/ul	429512	5	21.19	1276580	20.0
(DEL) Alkane: Str...	22.68	9.1	ng/ul	572392	6	23.39	1265370	20.0
(DEL) Alkane: Str...	23.85	13.0	ng/ul	820935	6	23.39	1265370	20.0
(DEL) Alkane: Str...	24.57	8.7	ng/ul	551778	6	23.39	1265370	20.0