LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051719\
Data File : BM020387.D
Acq On : 18 May 2019 05:46
Operator : JU/SJ
Sample : K2633-15
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GAJA7

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-BM051619MA.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	6.898	659	665	679	rVB	358894	641458	24.70%	2.523%
2	7.069	689	694	704	rBV	278514	470354	18.11%	1.850%
3	7.257	720	726	737	rBV	386056	624001	24.03%	2.454%
4	7.728	800	806	821	rVB	289009	484530	18.66%	1.906%
5	8.434	920	926	943	rBV2	429899	739264	28.47%	2.908%
6	8.898	998	1005	1022	rVB	367151	623823	24.02%	2.454%
7	9.239	1059	1063	1068	rVB3	3275	5370	0.21%	0.021%
8	9.610	1120	1126	1138	rBV	290308	495588	19.08%	1.949%
9	10.139	1209	1216	1235	rBV	453455	819639	31.56%	3.224%
10	10.522	1274	1281	1291	rBV	401667	649629	25.02%	2.555%
11	10.669	1299	1306	1324	rBV	375759	725039	27.92%	2.852%
12	12.116	1549	1552	1553	rBV	2692	3057	0.12%	0.012%
13	13.257	1741	1746	1751	rVB3	20683	28098	1.08%	0.111%
14	13.792	1831	1837	1842	rBV	989713	1347389	51.88%	5.300%
15	13.839	1842	1845	1856	rVB	281501	381032	14.67%	1.499%
16	14.074	1878	1885	1896	rBV	1084528	1541152	59.35%	6.062%
17	14.380	1931	1937	1949	rBV2	600138	905311	34.86%	3.561%
18	14.592	1968	1973	1989	rBV	224420	430320	16.57%	1.693%
19	15.374	2100	2106	2120	rBV	1364655	1960006	75.47%	7.709%
20	15.504	2123	2128	2143	rVV	347419	474714	18.28%	1.867%
21	15.616	2143	2147	2151	rVB	11862	15689	0.60%	0.062%
22	16.163	2236	2240	2245	rVB3	3040	4343	0.17%	0.017%
23	16.921	2366	2369	2373	rBV2	1651	2825	0.11%	0.011%
24	17.133	2398	2405	2415	rBV	817566	1151581	44.34%	4.530%
25	17.233	2415	2422	2435	rVV2	1406941	2120759	81.66%	8.342%
26	17.509	2463	2469	2475	rVB7	6952	12515	0.48%	0.049%
27	17.609	2482	2486	2492	rBV3	2794	3943	0.15%	0.016%
28	18.015	2549	2555	2561	rBV	103537	147219	5.67%	0.579%
29	18.198	2584	2586	2591	rVB5	2565	2986	0.11%	0.012%
30	18.309	2601	2605	2608	rBV2	6387	9133	0.35%	0.036%
31	18.562	2645	2648	2650	rBV4	2338	3084	0.12%	0.012%
32	18.774	2680	2684	2689	rVB4	3566	5528	0.21%	0.022%
33	18.821	2689	2692	2693	rBV3	5019	4675	0.18%	0.018%
34	18.880	2697	2702	2708	rBV6	45947	81491	3.14%	0.321%

LSC Area Percent Report

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Sample : K2633-15
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GAJA7

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-BM051619MA.M
Title : SVOA CALIBRATION

35	18.945	2710	2713	2718	rVV5	8119	12956	0.50%	0.051%
36	19.074	2732	2735	2738	rBV3	3619	5719	0.22%	0.022%
37	19.162	2746	2750	2753	rBV	19490	32401	1.25%	0.127%
38	19.198	2753	2756	2760	rVB5	15132	21206	0.82%	0.083%
39	19.298	2769	2773	2781	rBV3	36793	54066	2.08%	0.213%
40	19.415	2790	2793	2799	rVB2	12327	16473	0.63%	0.065%
41	19.533	2806	2813	2825	rVV	1839375	2596934	100.00%	10.215%
42	19.686	2836	2839	2840	rBV3	4958	5350	0.21%	0.021%
43	20.056	2896	2902	2905	rBV6	20665	32224	1.24%	0.127%
44	20.380	2955	2957	2960	rBV3	10264	8615	0.33%	0.034%
45	20.556	2983	2987	2991	rBV5	19412	26301	1.01%	0.103%
46	21.021	3061	3066	3077	rBV	127516	219623	8.46%	0.864%
47	21.321	3112	3117	3128	rBV	932067	1274502	49.08%	5.013%
48	21.450	3137	3139	3147	rVB2	33239	39822	1.53%	0.157%
49	21.892	3210	3214	3222	rBV2	59600	81415	3.14%	0.320%
50	22.356	3289	3293	3300	rBV2	90848	112733	4.34%	0.443%
51	22.862	3376	3379	3385	rVB	106942	157543	6.07%	0.620%
52	23.444	3471	3478	3490	rVB2	1279183	2450042	94.34%	9.637%
53	23.586	3496	3502	3514	rVB2	599907	1174288	45.22%	4.619%
54	24.091	3584	3588	3596	rVB	104284	185815	7.16%	0.731%

Sum of corrected areas: 25423573

LSC Report - Integrated Chromatogram

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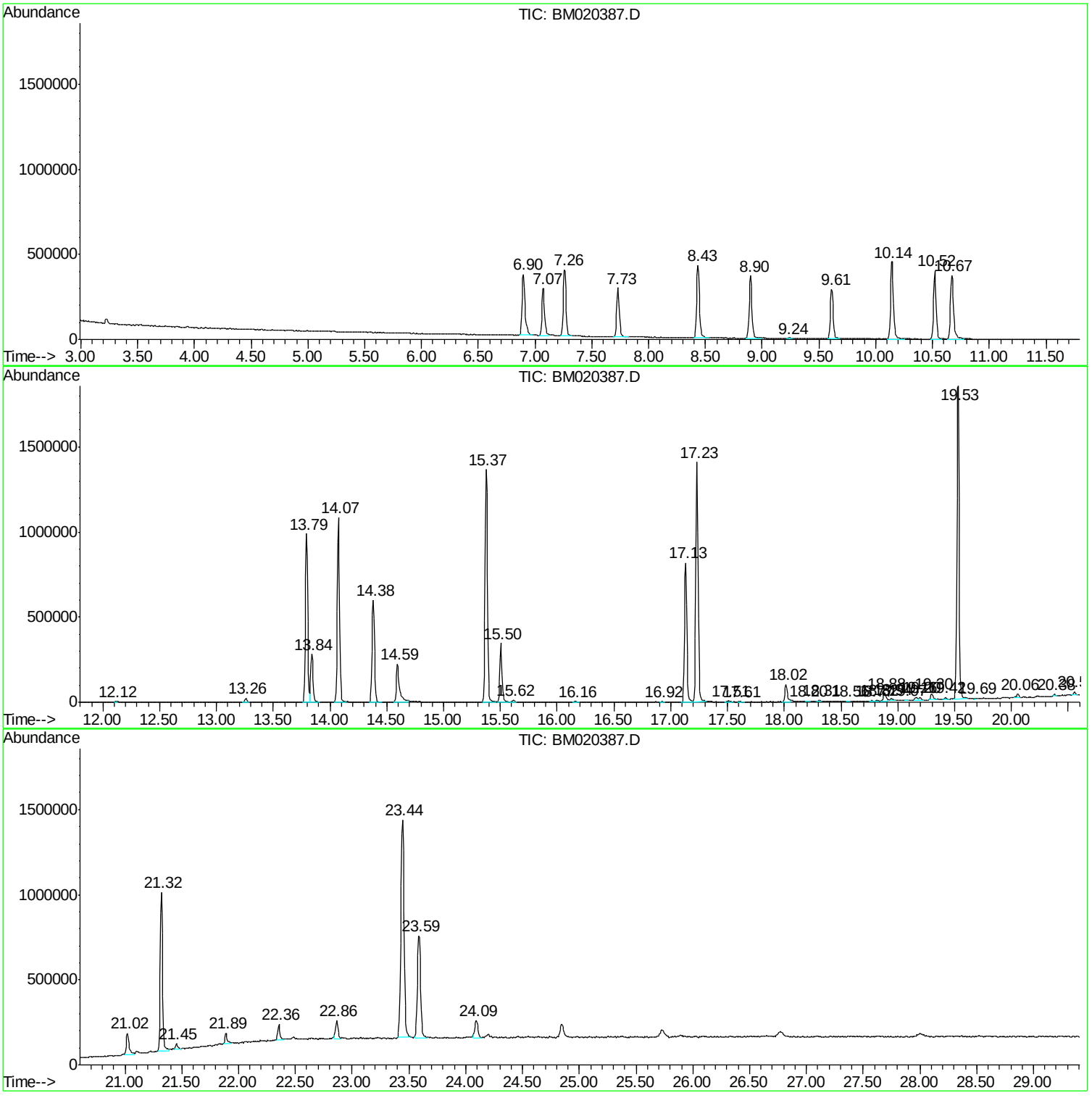
Sample : K2633-15
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GAJA7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.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\BM051719\
Data File : BM020387.D
Acq On : 18 May 2019 05:46
Operator : JU/SJ
Sample : K2633-15
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GAJA7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

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

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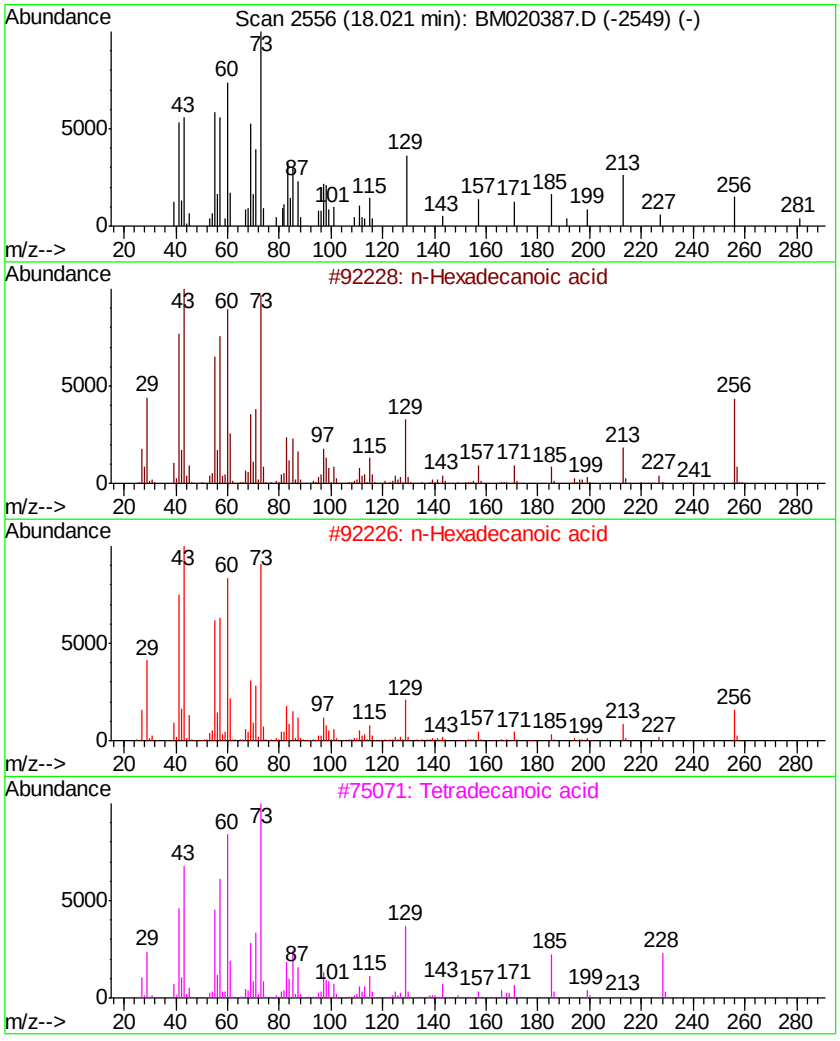
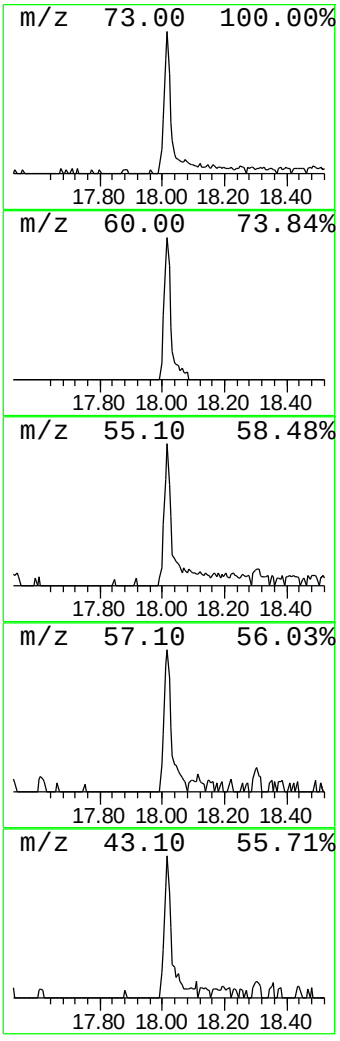
Peak Number 1 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.02	2.56 ng/ul	147219	Phenanthrene-d10	17.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	53
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	50
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	47
5	Tridecanoic acid	214	C13H26O2	000638-53-9	47





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Instrument : BNA_M
ClientSampleId : GAJA7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

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

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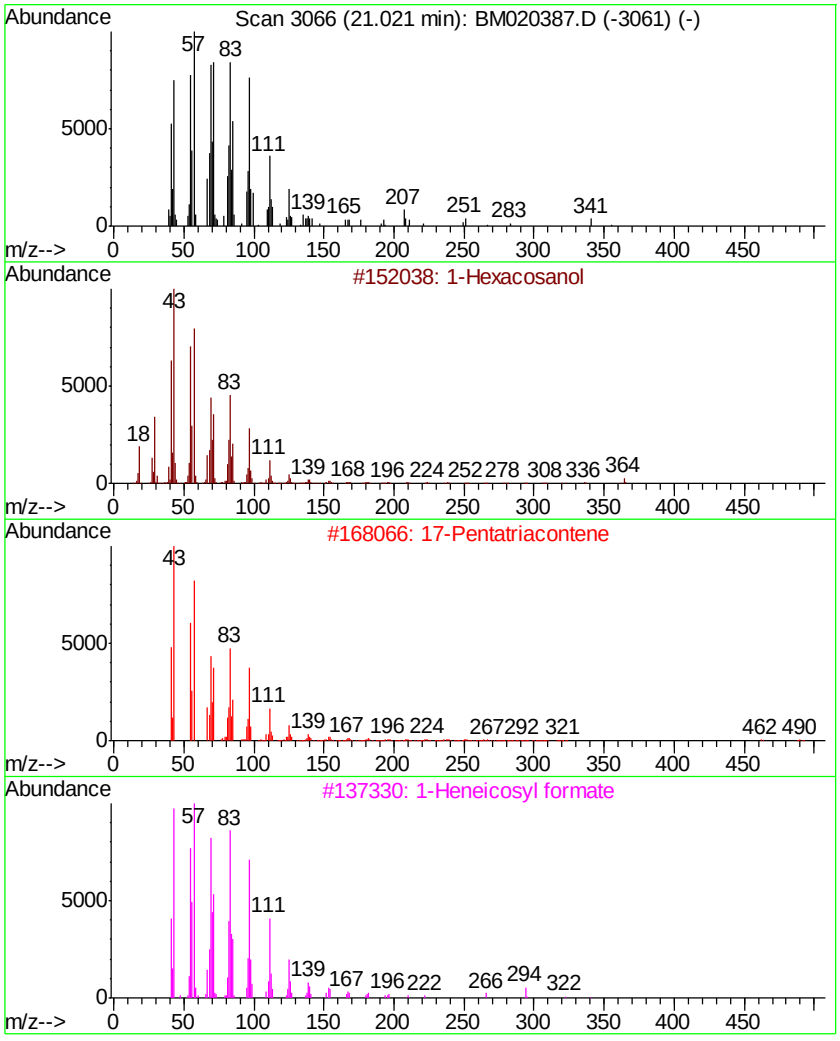
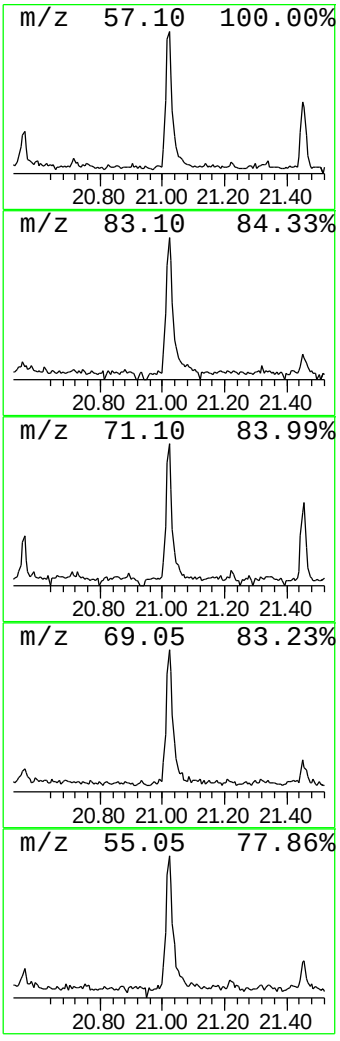
Peak Number 2 1-Hexacosanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.02	3.45 ng/ul	219623	Chrysene-d12	21.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexacosanol	382	C26H54O	000506-52-5	90
2	17-Pentatriacontene	491	C35H70	006971-40-0	90
3	1-Heneicosyl formate	340	C22H44O2	077899-03-7	87
4	1-Tetracosanol	354	C24H50O	000506-51-4	87
5	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	83





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Instrument : BNA_M
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

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

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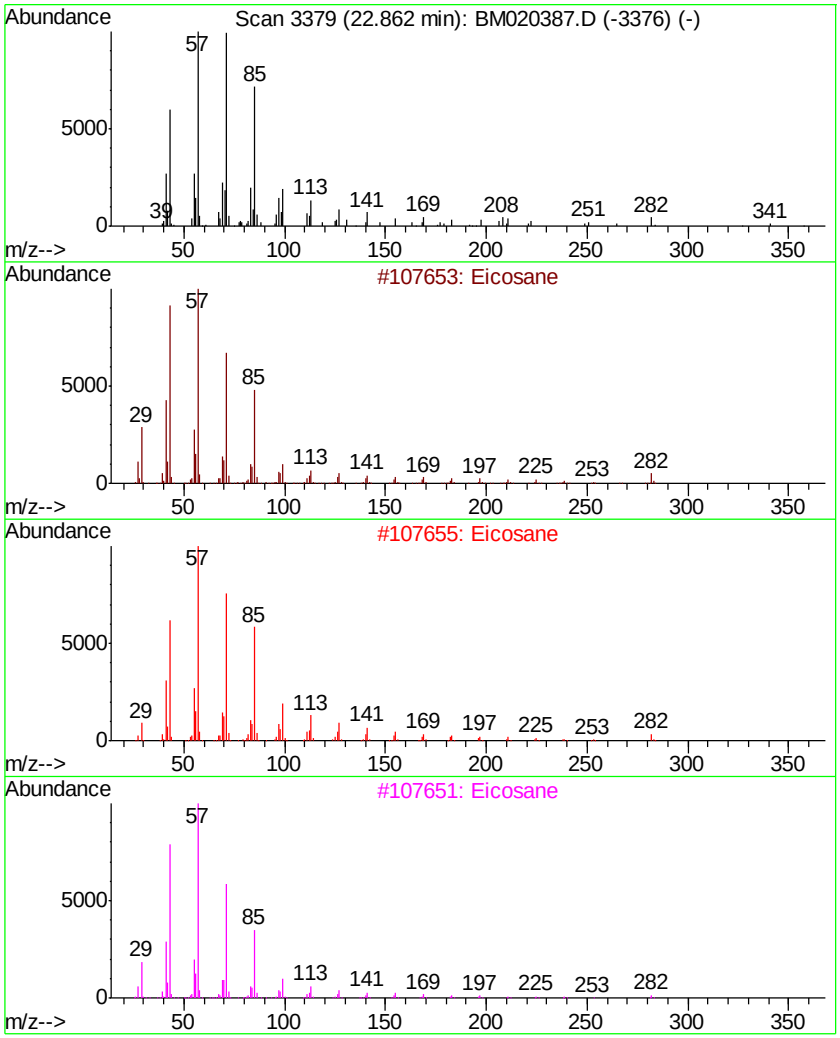
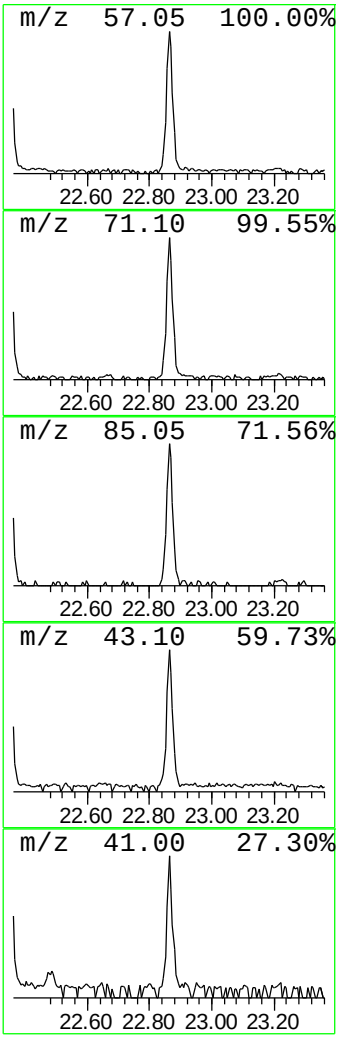
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.86	2.68 ng/ul	157543	Perylene-d12	23.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	94
2	Eicosane	282	C20H42	000112-95-8	91
3	Eicosane	282	C20H42	000112-95-8	89
4	Tetratriacontane	479	C34H70	014167-59-0	86
5	Heneicosane	296	C21H44	000629-94-7	83





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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

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

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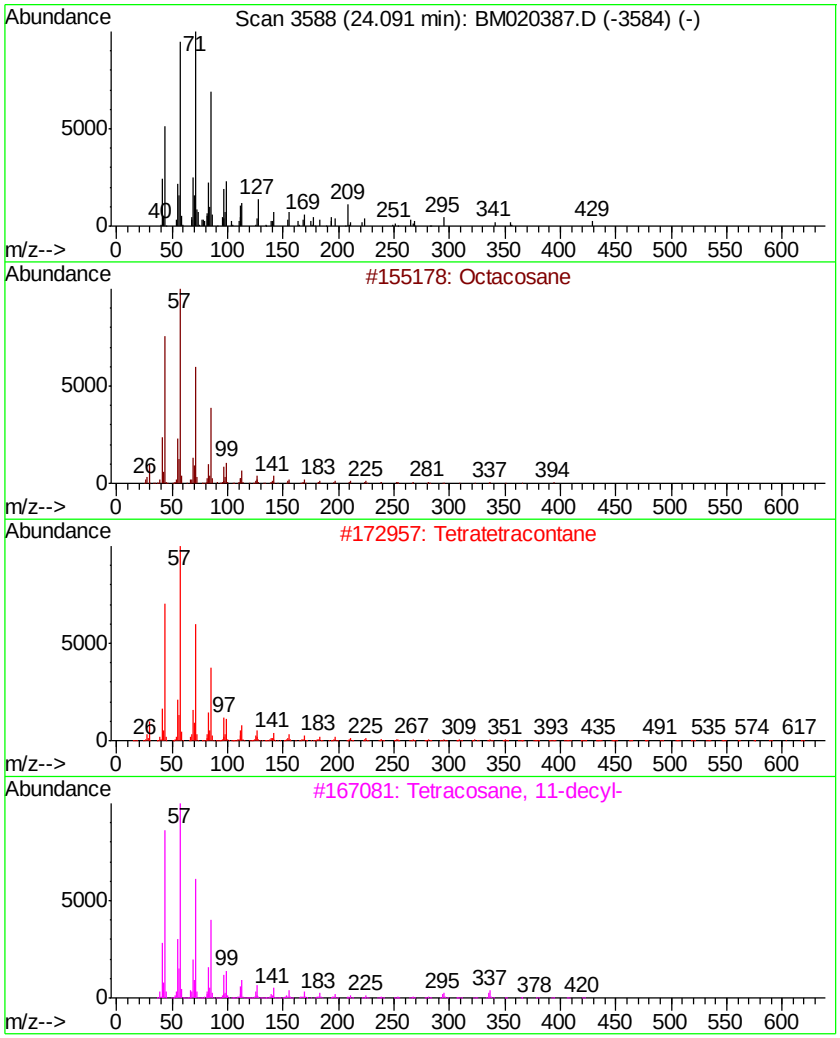
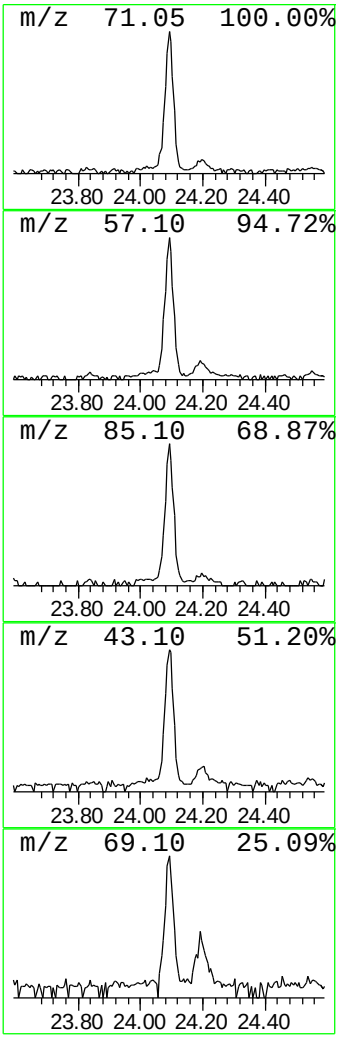
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.09	3.16 ng/ul	185815	Perylene-d12	23.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	87
2	Tetratetracontane	619	C44H90	007098-22-8	87
3	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	87
4	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	80
5	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	80





Tentatively Identified Compound (LSC) summary

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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	18.02	2.6	ng/ul	147219	4	17.13	1151580	20.0
1-Hexacosanol	21.02	3.5	ng/ul	219623	5	21.32	1274500	20.0
(DEL) Alkane: Str...	22.86	2.7	ng/ul	157543	6	23.59	1174290	20.0
(DEL) Alkane: Str...	24.09	3.2	ng/ul	185815	6	23.59	1174290	20.0