LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121318\
Data File : BM018147.D
Acq On : 14 Dec 2018 02:07
Operator : JU/SJ
Sample : J6236-20
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9F44

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-BM121318MA.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	3.104	32	37	44	rVV	18071	28731	0.89%	0.083%
2	3.381	82	84	87	rVV2	4769	4969	0.15%	0.014%
3	3.699	134	138	143	rBV4	4576	7870	0.24%	0.023%
4	3.899	169	172	177	rVB4	4979	7137	0.22%	0.021%
5	4.681	301	305	306	rBV	5690	7286	0.23%	0.021%
6	4.704	306	309	316	rVB3	5360	8770	0.27%	0.025%
7	5.940	515	519	523	rVB2	3834	6592	0.21%	0.019%
8	6.022	532	533	538	rBV2	2028	3236	0.10%	0.009%
9	6.704	643	649	663	rBV2	376917	754096	23.47%	2.178%
10	6.863	668	676	692	rVB	306098	476541	14.83%	1.376%
11	7.045	701	707	722	rBV	400284	657370	20.46%	1.898%
12	7.510	779	786	793	rBV	446417	710326	22.11%	2.051%
13	7.587	796	799	801	rVB	3984	4212	0.13%	0.012%
14	8.228	901	908	919	rBV	443818	781321	24.32%	2.256%
15	8.663	975	982	995	rBV	401102	680668	21.19%	1.966%
16	9.045	1043	1047	1053	rVB2	14114	19474	0.61%	0.056%
17	9.381	1095	1104	1113	rBV	348269	601963	18.74%	1.738%
18	9.910	1187	1194	1220	rBV	467970	878827	27.36%	2.538%
19	10.275	1249	1256	1263	rBV	650272	1026817	31.96%	2.965%
20	10.433	1276	1283	1299	rBV	358166	810300	25.22%	2.340%
21	11.904	1527	1533	1542	rBV4	4976	13348	0.42%	0.039%
22	13.586	1813	1819	1824	rBV	1021510	1503193	46.79%	4.341%
23	13.633	1824	1827	1835	rVB	152012	236078	7.35%	0.682%
24	13.851	1858	1864	1878	rBV	1131174	1700474	52.93%	4.911%
25	14.080	1897	1903	1904	rVB	2647	3321	0.10%	0.010%
26	14.163	1911	1917	1925	rBV3	1053418	1576810	49.08%	4.554%
27	14.416	1950	1960	1971	rBV2	219191	495592	15.43%	1.431%
28	14.621	1989	1995	2001	rVB5	7951	16507	0.51%	0.048%
29	14.980	2053	2056	2060	rBV3	4209	5218	0.16%	0.015%
30	15.033	2062	2065	2068	rVB2	6307	6491	0.20%	0.019%
31	15.168	2082	2088	2101	rBV	1528276	2138254	66.56%	6.175%
32	15.321	2107	2114	2124	rBV	438925	649613	20.22%	1.876%
33	15.415	2126	2130	2134	rVB	13453	20062	0.62%	0.058%
34	15.521	2145	2148	2154	rVB3	1524	3372	0.10%	0.010%

LSC Area Percent Report

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Operator : JU/SJ
Sample : J6236-20
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9F44

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-BM121318MA.M
Title : SVOA CALIBRATION

35	15.857	2200	2205	2207	rVB2	3016	3668	0.11%	0.011%
36	15.904	2207	2213	2214	rBV3	6842	9264	0.29%	0.027%
37	16.127	2246	2251	2254	rBV3	2990	5344	0.17%	0.015%
38	16.304	2278	2281	2284	rVB2	3075	3802	0.12%	0.011%
39	16.374	2289	2293	2295	rBV4	2660	4044	0.13%	0.012%
40	16.698	2345	2348	2349	rBV2	5810	5220	0.16%	0.015%
41	16.921	2381	2386	2397	rBV2	1428138	1985617	61.81%	5.734%
42	17.021	2397	2403	2418	rVV2	1531128	2354253	73.28%	6.799%
43	17.227	2434	2438	2441	rVB3	3638	5058	0.16%	0.015%
44	17.333	2453	2456	2457	rBV3	3212	3975	0.12%	0.011%
45	17.433	2470	2473	2476	rBV4	4976	6853	0.21%	0.020%
46	17.621	2499	2505	2507	rBV5	3718	6422	0.20%	0.019%
47	17.715	2516	2521	2524	rBV5	4904	7351	0.23%	0.021%
48	17.839	2537	2542	2553	rBV	529699	773026	24.06%	2.232%
49	17.956	2561	2562	2565	rBV3	6076	5186	0.16%	0.015%
50	18.133	2588	2592	2596	rVB6	5716	8246	0.26%	0.024%
51	18.186	2599	2601	2605	rVB3	4910	4677	0.15%	0.014%
52	18.304	2620	2621	2625	rVB2	5353	4165	0.13%	0.012%
53	18.362	2625	2631	2632	rBV4	5558	9524	0.30%	0.028%
54	18.392	2634	2636	2639	rVV4	3483	3821	0.12%	0.011%
55	18.639	2676	2678	2681	rBV4	5502	4105	0.13%	0.012%
56	18.715	2686	2691	2695	rBV6	7506	13407	0.42%	0.039%
57	18.768	2697	2700	2701	rBV3	6384	6158	0.19%	0.018%
58	18.945	2726	2730	2731	rBV3	7970	11724	0.36%	0.034%
59	18.974	2731	2735	2738	rBV3	20612	36633	1.14%	0.106%
60	19.062	2748	2750	2751	rBV2	6997	4818	0.15%	0.014%
61	19.133	2757	2762	2773	rBV	381667	561315	17.47%	1.621%
62	19.221	2775	2777	2782	rVB3	27577	30152	0.94%	0.087%
63	19.333	2790	2796	2804	rBV	2061872	2922509	90.97%	8.440%
64	19.492	2821	2823	2827	rVB4	7671	6923	0.22%	0.020%
65	19.562	2834	2835	2837	rBV2	8816	8640	0.27%	0.025%
66	19.621	2843	2845	2847	rBV3	11670	12262	0.38%	0.035%
67	19.868	2885	2887	2890	rBV4	19228	23723	0.74%	0.069%
68	20.286	2956	2958	2961	rVB4	18322	16255	0.51%	0.047%
69	20.862	3052	3056	3064	rBV	709955	925355	28.80%	2.672%
70	21.139	3098	3103	3111	rBV	1909888	2517438	78.36%	7.270%
71	21.474	3159	3160	3164	rVB4	28696	15614	0.49%	0.045%

LSC Area Percent Report

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Data File : BM018147.D
Acq On : 14 Dec 2018 02:07
Operator : JU/SJ
Sample : J6236-20
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9F44

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-BM121318MA.M
Title : SVOA CALIBRATION

72	22.168	3275	3278	3282	rBV3	75283	88069	2.74%	0.254%
73	22.286	3296	3298	3303	rVB2	70417	76682	2.39%	0.221%
74	22.650	3357	3360	3365	rVB4	98716	132136	4.11%	0.382%
75	23.168	3441	3448	3458	rVB	1763583	3212549	100.00%	9.277%
76	23.297	3464	3470	3483	rVB2	1321255	2392957	74.49%	6.910%
77	23.797	3551	3555	3561	rVB	113079	187832	5.85%	0.542%
78	23.886	3566	3570	3580	rVB5	166600	366593	11.41%	1.059%

Sum of corrected areas: 34628204

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121318\
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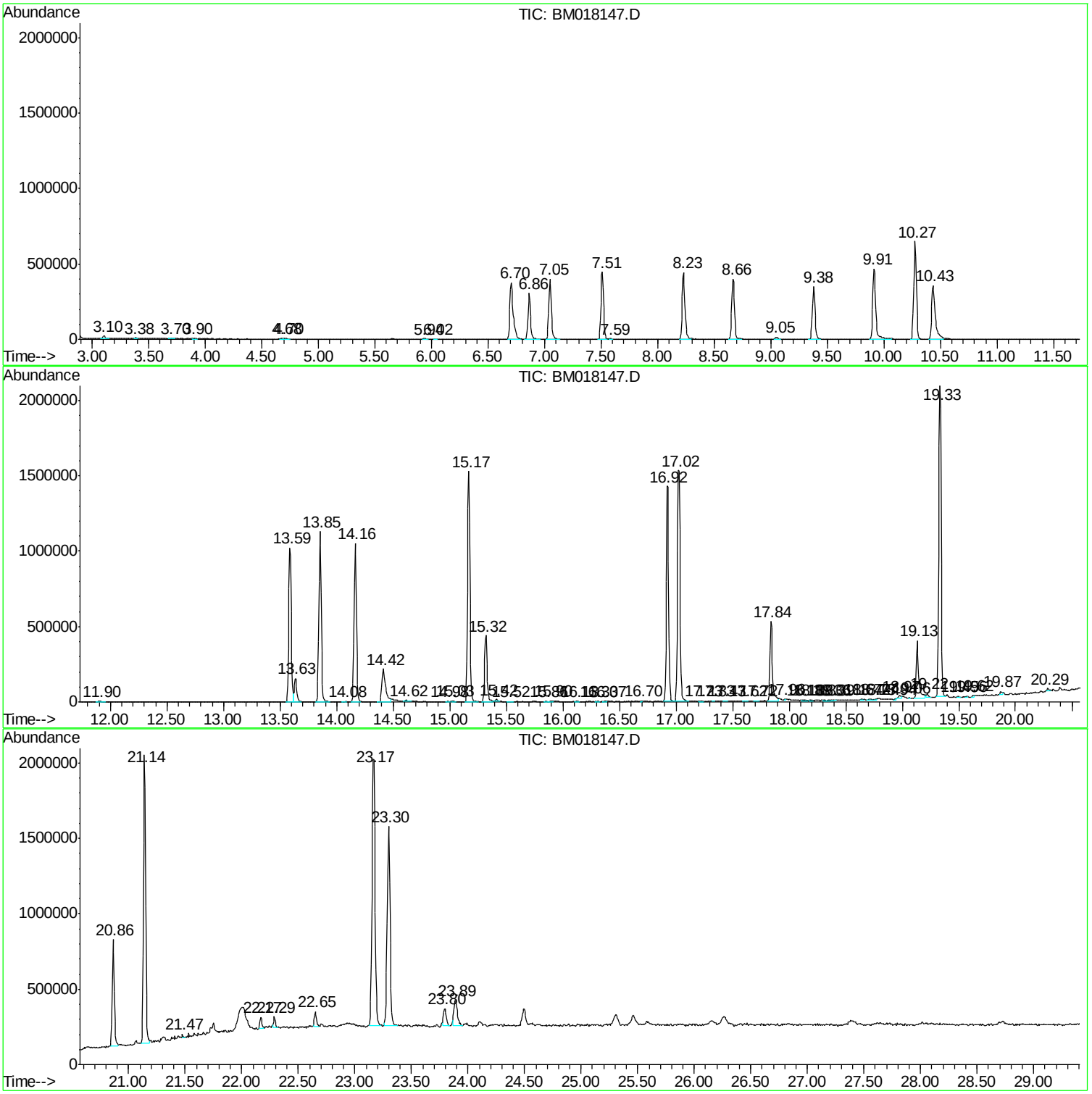
Operator : JU/SJ
Sample : J6236-20
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9F44

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121318MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121318\
Data File : BM018147.D
Acq On : 14 Dec 2018 02:07
Operator : JU/SJ
Sample : J6236-20
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9F44

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121318MA.M
Quant Title : SVOA CALIBRATION

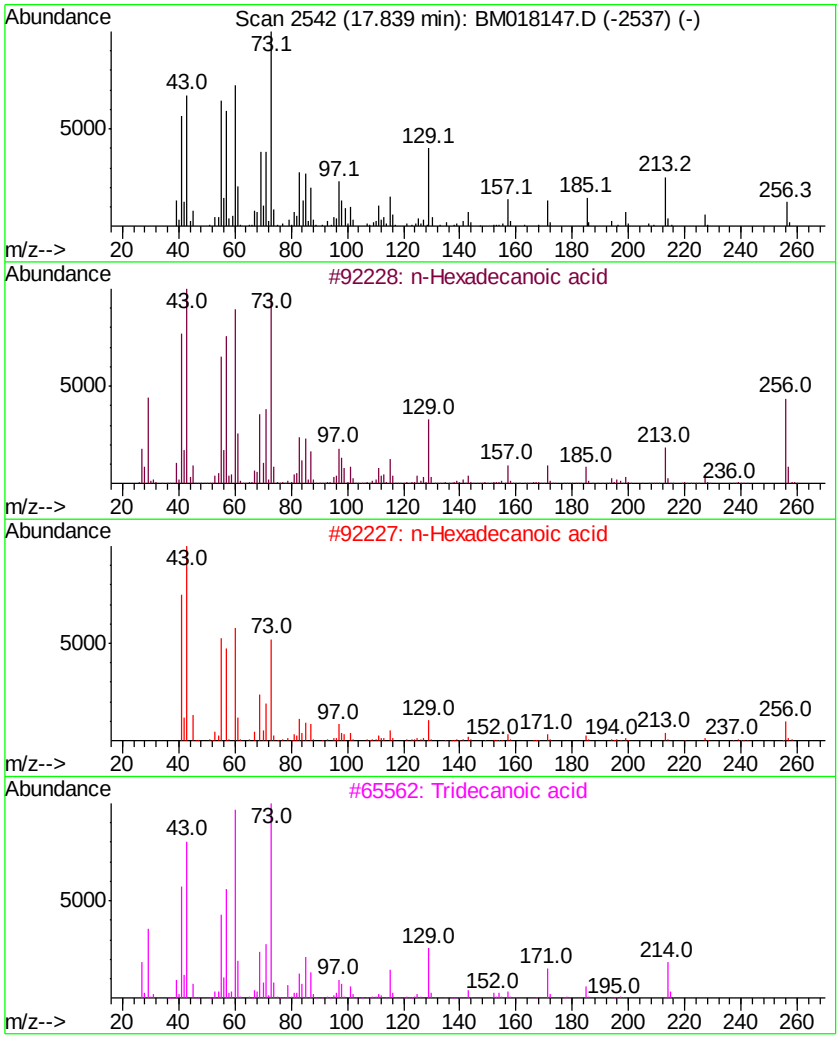
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

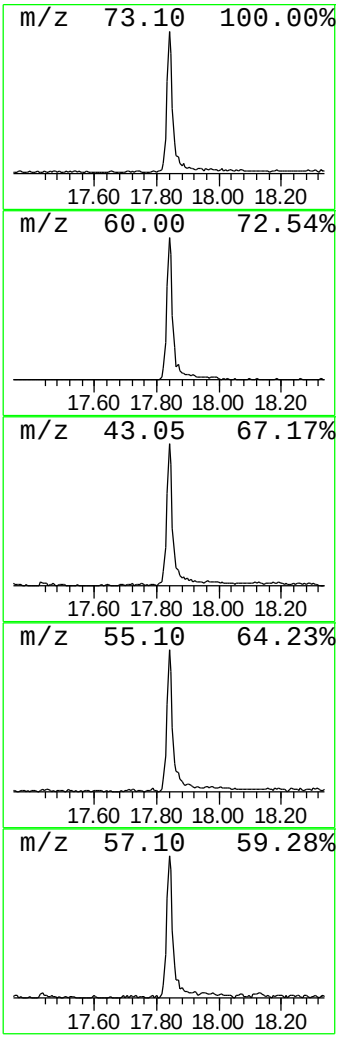
****

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.84	7.79 ng/ul	773026	Phenanthrene-d10	16.92

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	97
3	Tridecanoic acid	214	C13H26O2	000638-53-9	90
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	74





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121318\
Data File : BM018147.D
Acq On : 14 Dec 2018 02:07
Operator : JU/SJ
Sample : J6236-20
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9F44

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121318MA.M
Quant Title : SVOA CALIBRATION

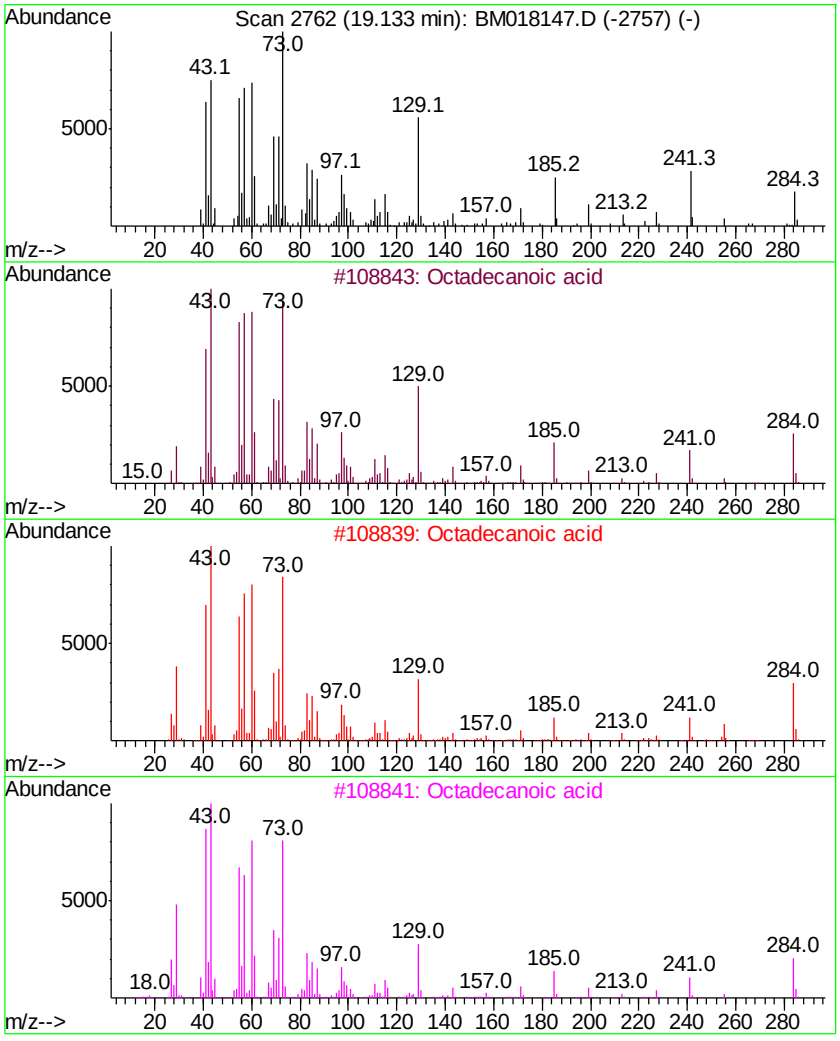
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

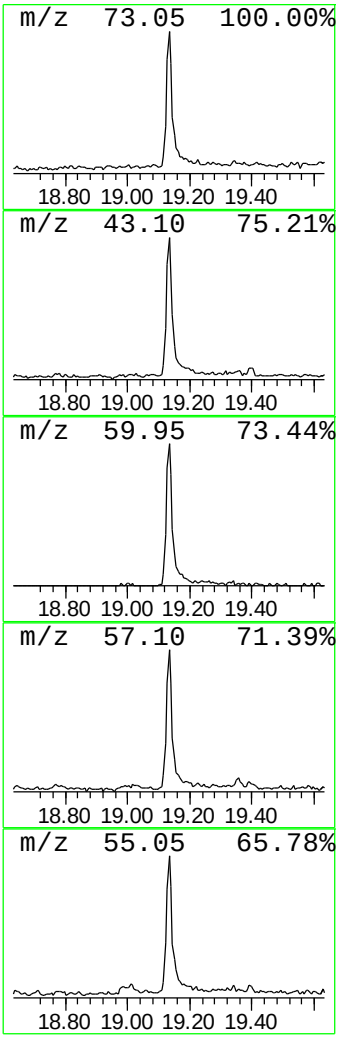
****

Peak Number 2 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.13	4.46 ng/ul	561315	Chrysene-d12	21.14

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	Tetradecanoic acid	228	C14H28O2	000544-63-8	81





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121318\
Data File : BM018147.D
Acq On : 14 Dec 2018 02:07
Operator : JU/SJ
Sample : J6236-20
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9F44

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121318MA.M
Quant Title : SVOA CALIBRATION

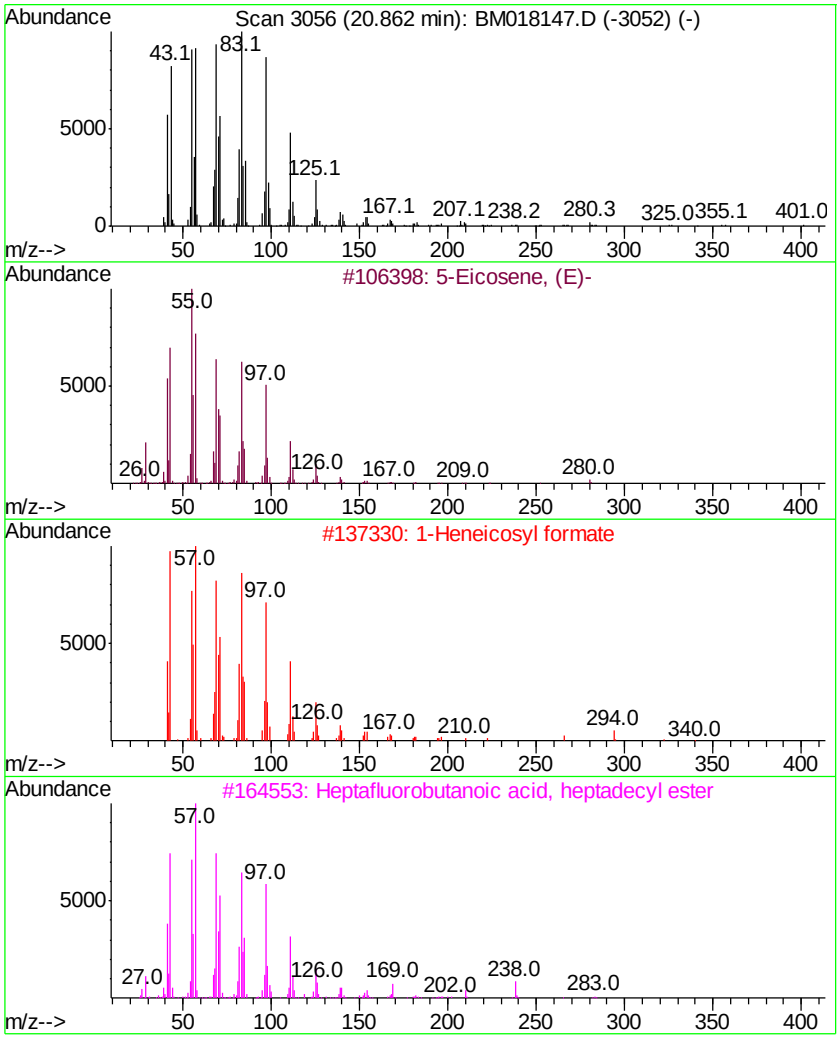
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

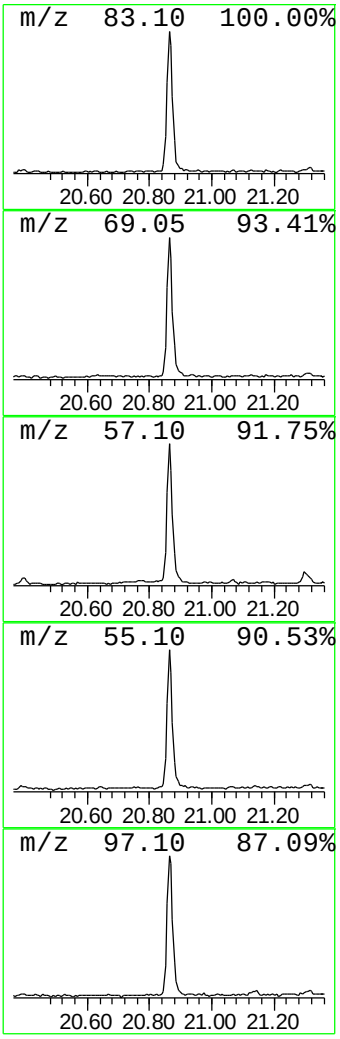
****

Peak Number 3 (DEL) Alkane: Cyclic20.86 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.86	7.35 ng/ul	925355	Chrysene-d12	21.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	99
2	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
3	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	94
4	5-Octadecene, (E)-	252	C18H36	007206-21-5	93
5	Trifluoroacetic acid, n-heptadec...	324	C17H31F3O2	1000216-79-2	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121318\
Data File : BM018147.D
Acq On : 14 Dec 2018 02:07
Operator : JU/SJ
Sample : J6236-20
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9F44

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121318MA.M
Quant Title : SVOA CALIBRATION

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

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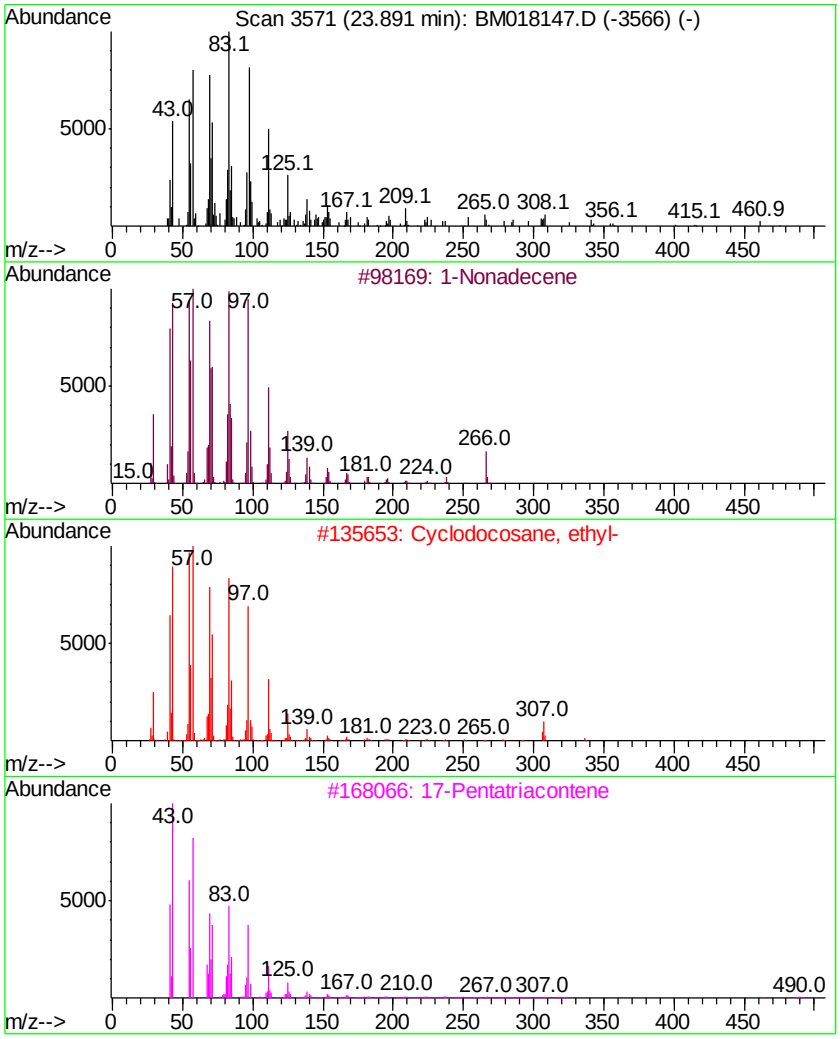
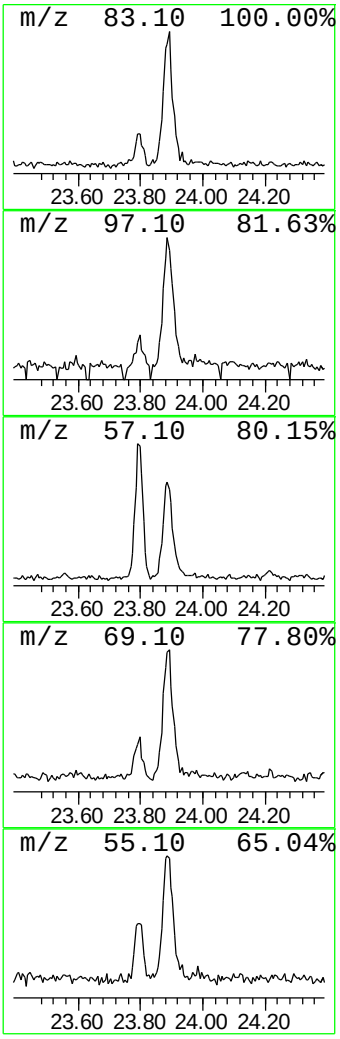
Peak Number 4 (DEL) Alkane: Cyclic23.89 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.89	3.06 ng/ul	366593	Perylene-d12	23.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	93
2	Cyclodocosane, ethyl-	336	C24H48	1000151-22-6	91
3	17-Pentatriacontene	491	C35H70	006971-40-0	91
4	Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	86
5	1-Octadecanol	270	C18H38O	000112-92-5	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121318\
Data File : BM018147.D
Acq On : 14 Dec 2018 02:07
Operator : JU/SJ
Sample : J6236-20
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9F44

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121318MA.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	17.84	7.8	ng/ul	773026	4	16.92	1985620	20.0
Octadecanoic acid	19.13	4.5	ng/ul	561315	5	21.14	2517440	20.0
(DEL) Alkane: Cyc...	20.86	7.3	ng/ul	925355	5	21.14	2517440	20.0
(DEL) Alkane: Cyc...	23.89	3.1	ng/ul	366593	6	23.30	2392960	20.0