

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071918\
 Data File : BN002084.D
 Acq On : 19 Jul 2018 22:27
 Operator : JU/SJ
 Sample : J4023-10
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DB1L2

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 1 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071318MA.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	42	46	55	rVB	60005	92241	1.01%	0.097%
2	6.881	655	662	678	rBV	1276504	2178499	23.79%	2.298%
3	7.040	678	689	700	rBV	1057955	1615698	17.64%	1.704%
4	7.240	715	723	732	rBV	1253086	2047389	22.35%	2.159%
5	7.699	794	801	810	rBV	1011072	1608647	17.56%	1.697%
6	8.404	914	921	935	rBV	1670872	2720665	29.71%	2.869%
7	8.851	988	997	1009	rBV	1337224	2229328	24.34%	2.351%
8	9.563	1111	1118	1132	rBV	1169592	1899241	20.74%	2.003%
9	10.099	1202	1209	1225	rBV	1738249	2951590	32.23%	3.113%
10	10.475	1264	1273	1281	rBV	1546092	2530607	27.63%	2.669%
11	10.610	1288	1296	1308	rBV	1808987	3117617	34.04%	3.288%
12	10.898	1339	1345	1351	rBV	64020	102585	1.12%	0.108%
13	13.745	1822	1829	1833	rBV	3560289	4997268	54.56%	5.270%
14	13.792	1833	1837	1846	rVB	1585374	2171849	23.71%	2.291%
15	14.022	1869	1876	1886	rBV	3922685	5902850	64.45%	6.225%
16	14.334	1922	1929	1937	rVB2	2348997	3538482	38.63%	3.732%
17	14.545	1957	1965	1983	rBV	1458725	2314798	25.27%	2.441%
18	15.328	2092	2098	2106	rVB	4936517	7371374	80.48%	7.774%
19	15.451	2113	2119	2134	rBV	1684975	2408132	26.29%	2.540%
20	15.569	2134	2139	2149	rVB	68272	105230	1.15%	0.111%
21	17.080	2389	2396	2403	rBV	3060926	4285320	46.79%	4.520%
22	17.180	2406	2413	2424	rVB2	5497867	8030498	87.68%	8.469%
23	17.986	2545	2550	2559	rBV	294322	443503	4.84%	0.468%
24	19.110	2736	2741	2747	rBV2	68113	97711	1.07%	0.103%
25	19.480	2798	2804	2811	rBV	6639151	9158883	100.00%	9.659%
26	21.010	3060	3064	3067	rBV	101441	118859	1.30%	0.125%
27	21.063	3067	3073	3089	rVV9	92522	332876	3.63%	0.351%
28	21.280	3104	3110	3116	rBV	3825727	4910571	53.62%	5.179%
29	21.445	3135	3138	3145	rVB	149278	149381	1.63%	0.158%
30	21.880	3209	3212	3216	rVB	152770	160702	1.75%	0.169%
31	22.345	3287	3291	3297	rVB	168554	219472	2.40%	0.231%
32	22.468	3307	3312	3318	rBV	1084872	1447812	15.81%	1.527%
33	22.851	3373	3377	3382	rVB	173346	251401	2.74%	0.265%
34	23.374	3458	3466	3481	rVB	4372446	8517027	92.99%	8.983%

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35	23.515	3482	3490	3498	rVB	2314810	4288161	46.82%	4.523%
36	24.057	3577	3582	3590	rVB	159336	281269	3.07%	0.297%
37	24.798	3704	3708	3715	rVB2	112272	220426	2.41%	0.232%

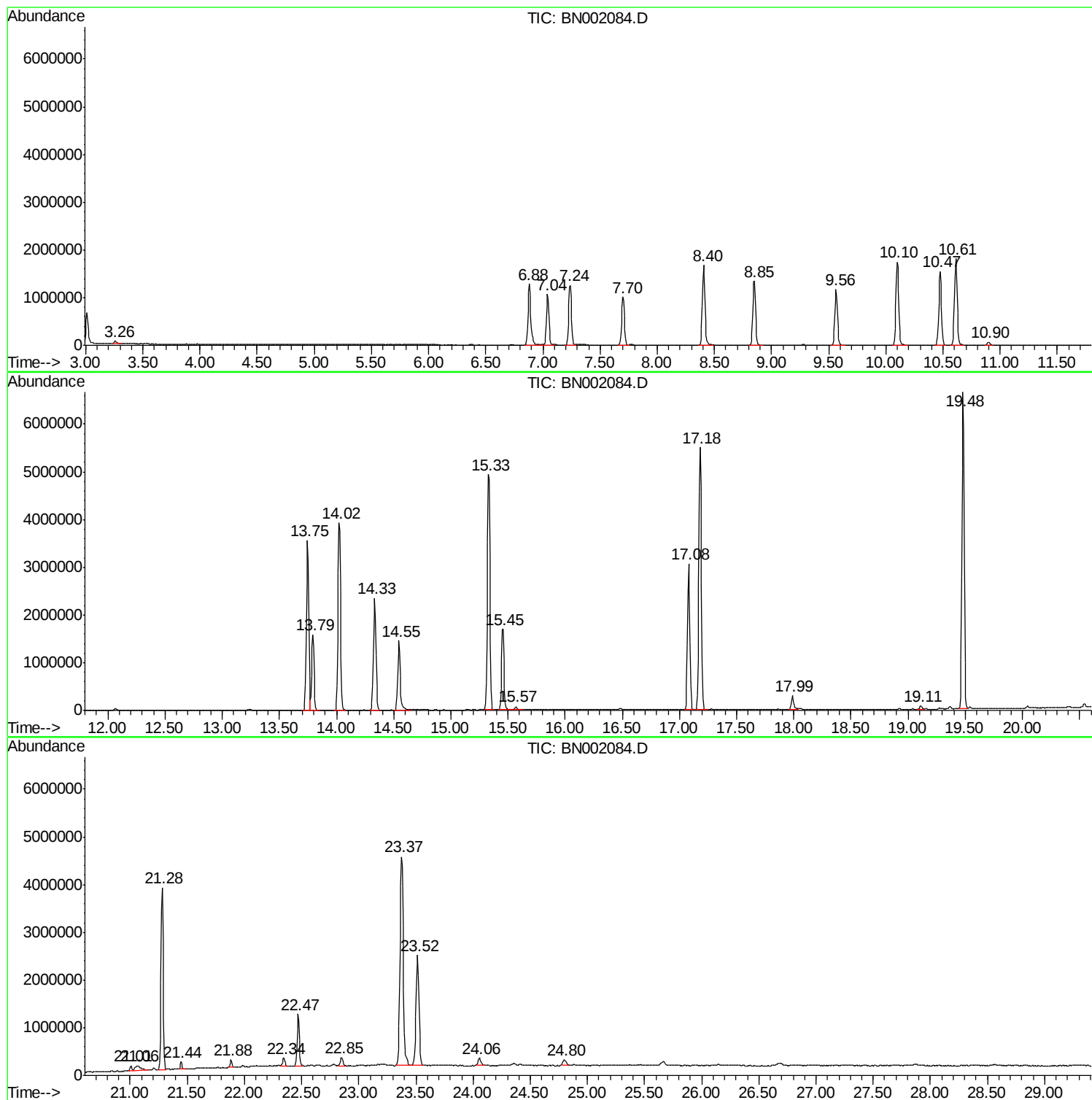
Sum of corrected areas: 94817962

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



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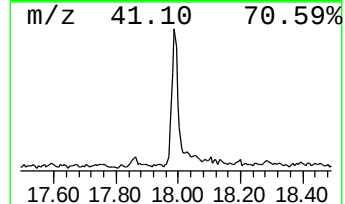
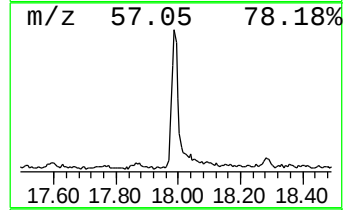
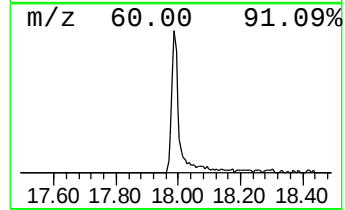
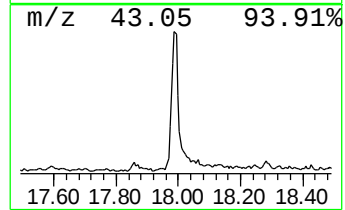
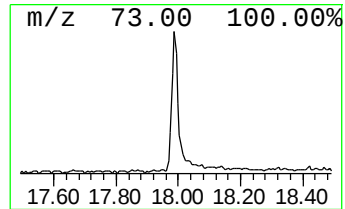
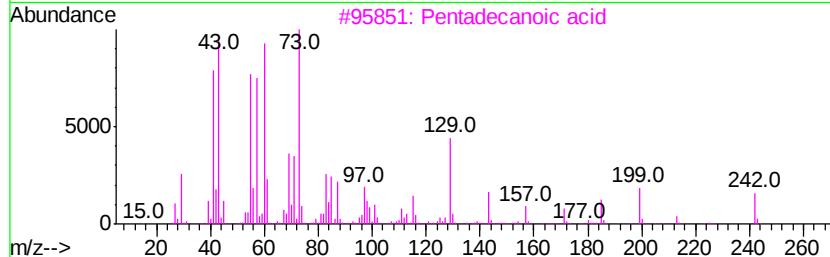
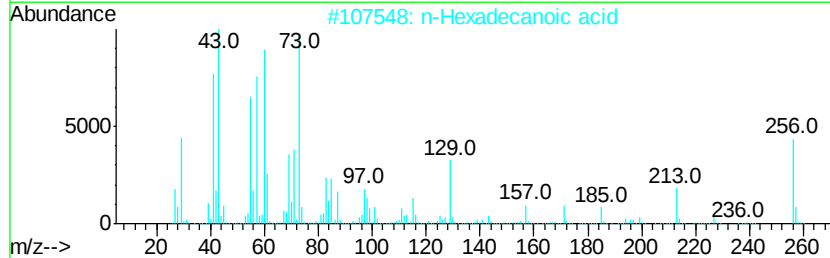
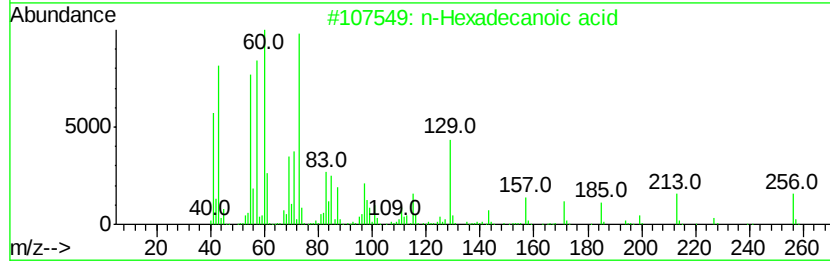
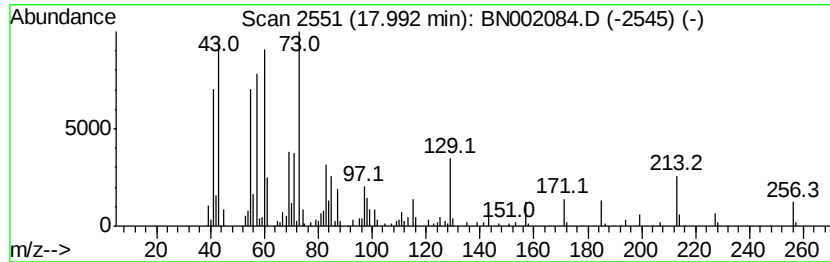
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Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.		
17.99	2.07 ng/ul	443503	Phenanthrene-d10		17.08		
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	97
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	93
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	81
5			Tetradecanoic acid	228	C14H28O2	000544-63-8	80



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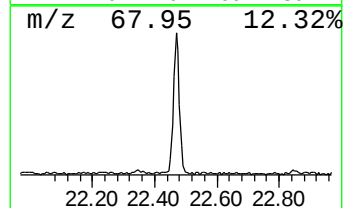
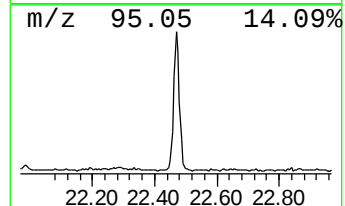
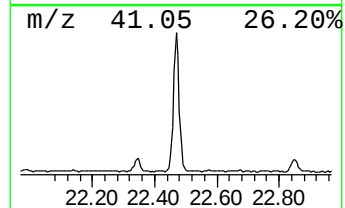
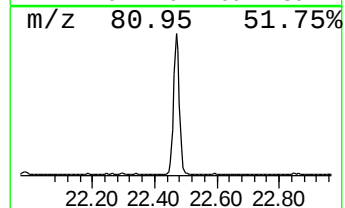
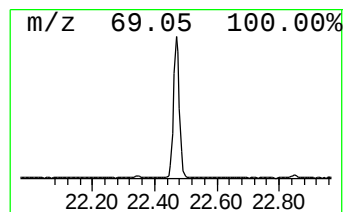
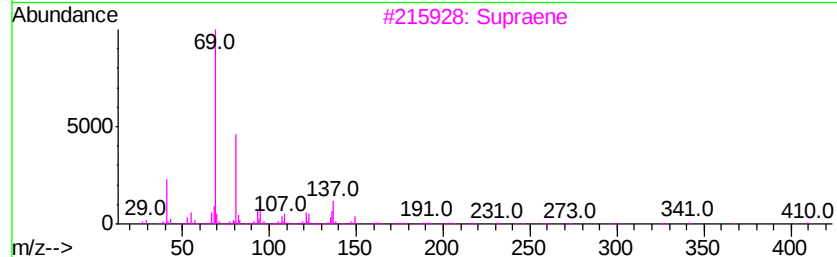
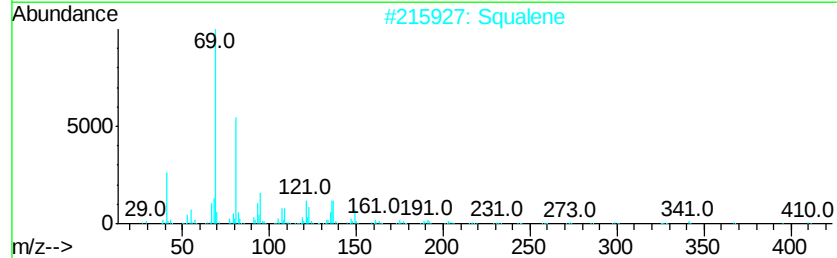
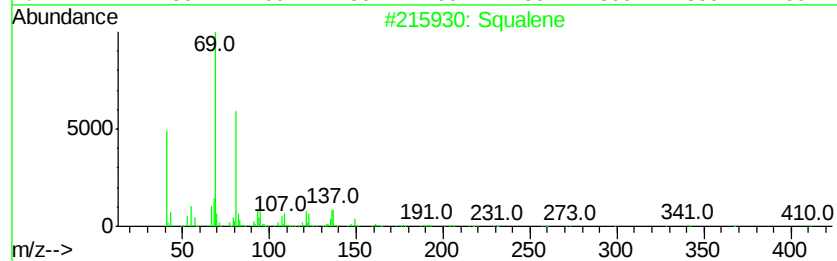
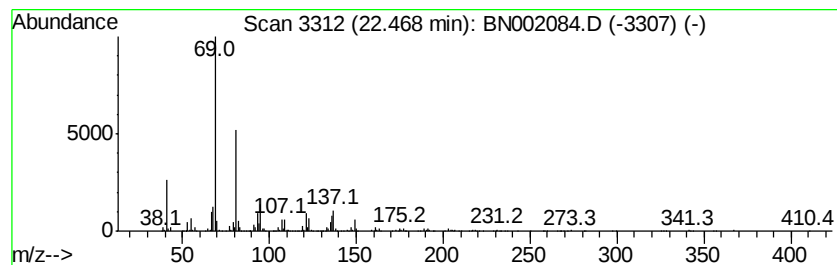
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Peak Number 2 Squalene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.47	6.75 ng/ul	1447810	Perylene-d12	23.52
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Squalene		410 C30H50	000111-02-4 99
2	Squalene		410 C30H50	000111-02-4 96
3	Supraene		410 C30H50	007683-64-9 94
4	Squalene		410 C30H50	000111-02-4 91
5	7,11-Dimethyldodeca-2,6,10-trien...		208 C14H240	125529-10-4 72



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.99	2.1	ng/ul	443503	4	17.08	4285320	20.0
Squalene	22.47	6.8	ng/ul	1447810	6	23.52	4288160	20.0