

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080918\
 Data File : BN002276.D
 Acq On : 09 Aug 2018 22:54
 Operator : JU/SJ
 Sample : J4301-15
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AF4

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	3.252	41	45	51	rVB	64128	83500	2.13%	0.152%
2	6.863	653	659	672	rBV	1056560	1754403	44.65%	3.185%
3	7.028	680	687	699	rBV	889298	1368423	34.83%	2.484%
4	7.222	713	720	731	rVB	1116630	1745920	44.44%	3.170%
5	7.687	792	799	807	rBV	1066182	1683160	42.84%	3.056%
6	8.387	911	918	937	rBV	1086627	1811014	46.10%	3.288%
7	8.834	985	994	1005	rBV	1097501	1808578	46.03%	3.283%
8	9.552	1106	1116	1129	rBV	852418	1464591	37.28%	2.659%
9	10.081	1200	1206	1223	rBV	1199167	2109956	53.70%	3.830%
10	10.457	1261	1270	1279	rBV	1444119	2428880	61.82%	4.409%
11	10.599	1287	1294	1311	rBV	638894	1157358	29.46%	2.101%
12	13.728	1820	1826	1830	rBV	1962101	2725085	69.36%	4.947%
13	13.775	1830	1834	1842	rVB	789017	1074735	27.35%	1.951%
14	14.004	1866	1873	1886	rBV	2268991	3457031	87.99%	6.276%
15	14.316	1919	1926	1938	rBV2	1805615	2783050	70.84%	5.052%
16	14.528	1956	1962	1971	rBV	491370	908742	23.13%	1.650%
17	14.598	1971	1974	1982	rVB2	46744	81141	2.07%	0.147%
18	15.310	2089	2095	2103	rBV	2710122	3928854	100.00%	7.132%
19	15.440	2112	2117	2127	rBV	652624	967059	24.61%	1.756%
20	15.551	2132	2136	2140	rBV2	33106	50684	1.29%	0.092%
21	16.045	2215	2220	2223	rBV	34282	48860	1.24%	0.089%
22	16.839	2350	2355	2360	rBV2	42162	62267	1.58%	0.113%
23	17.063	2387	2393	2400	rBV2	1930619	2724219	69.34%	4.945%
24	17.163	2403	2410	2422	rVB	2678885	3673905	93.51%	6.670%
25	17.575	2476	2480	2486	rVB	38403	46167	1.18%	0.084%
26	17.839	2521	2525	2538	rBV6	25276	49882	1.27%	0.091%
27	17.969	2542	2547	2556	rBV	262050	405469	10.32%	0.736%
28	19.257	2762	2766	2775	rBV6	55573	126229	3.21%	0.229%
29	19.463	2795	2801	2808	rBV	2704772	3704364	94.29%	6.725%
30	19.539	2808	2814	2821	rVV3	48452	126572	3.22%	0.230%
31	20.039	2893	2899	2902	rBV6	22471	40212	1.02%	0.073%
32	21.263	3101	3107	3113	rBV	1982009	2638946	67.17%	4.791%
33	21.422	3131	3134	3137	rBV2	42242	47459	1.21%	0.086%
34	21.857	3205	3208	3211	rVB	52560	55209	1.41%	0.100%

LSC Area Percent Report

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35	22.316	3282	3286	3291	rVB3	96363	138754	3.53%	0.252%
36	22.445	3303	3308	3315	rVB	585068	821516	20.91%	1.491%
37	22.816	3367	3371	3376	rVB	96953	137095	3.49%	0.249%
38	23.345	3453	3461	3472	rBV2	1896819	3771626	96.00%	6.847%
39	23.486	3477	3485	3494	rVV	1400753	2661486	67.74%	4.832%
40	24.016	3570	3575	3581	rVB2	112480	210173	5.35%	0.382%
41	24.751	3695	3700	3707	rVB3	102287	202248	5.15%	0.367%

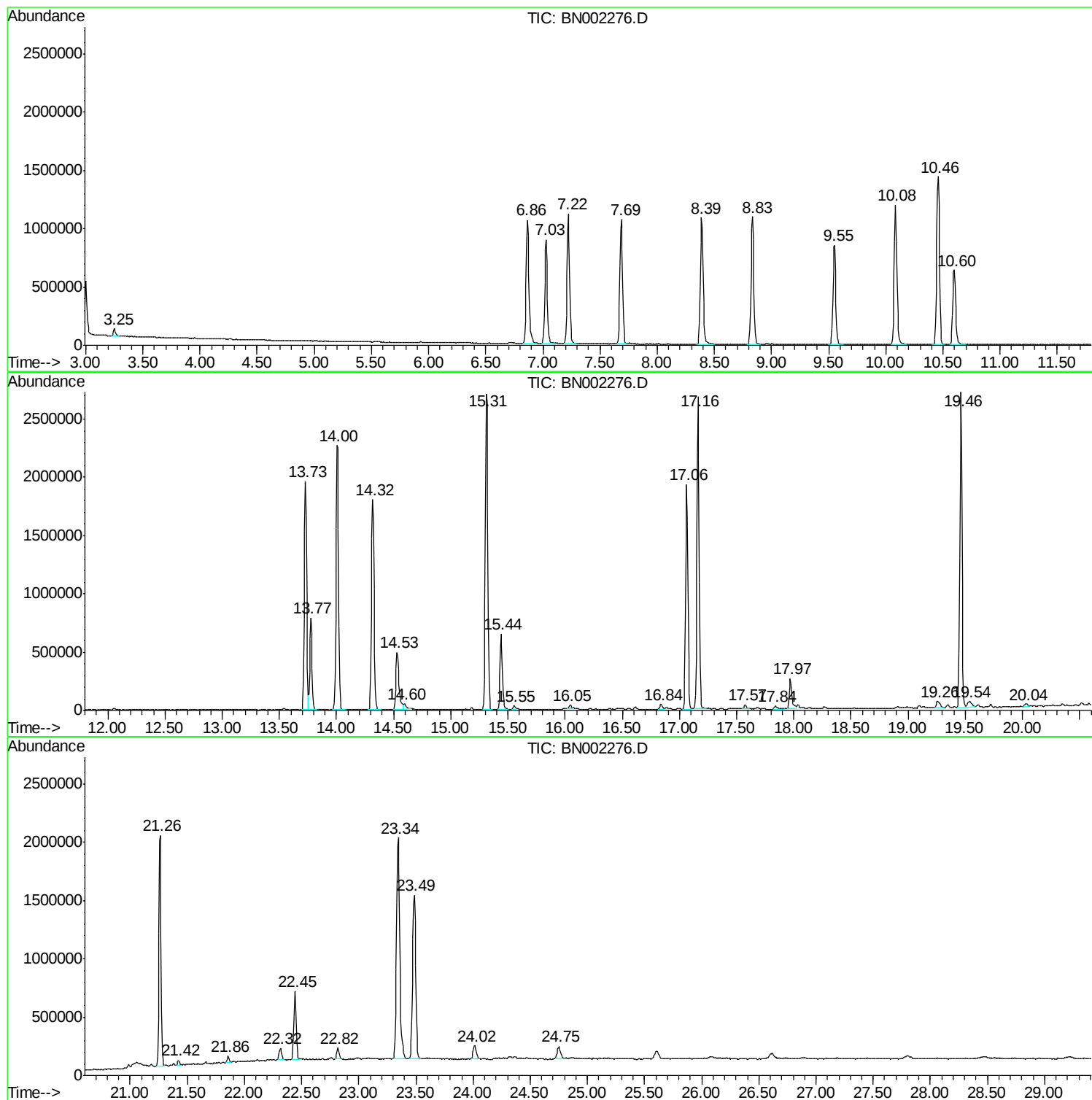
Sum of corrected areas: 55084822

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071318MA.M
Quant Title : SVOA CALIBRATION

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



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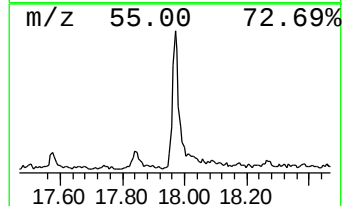
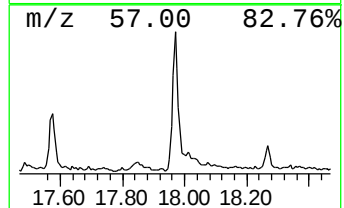
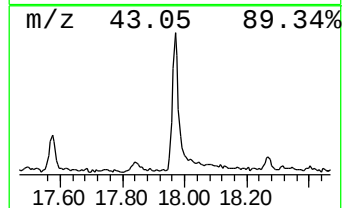
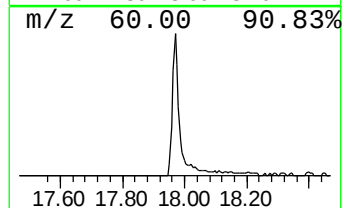
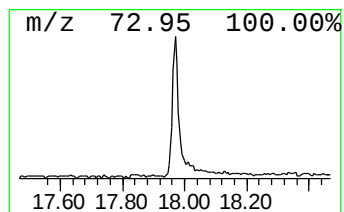
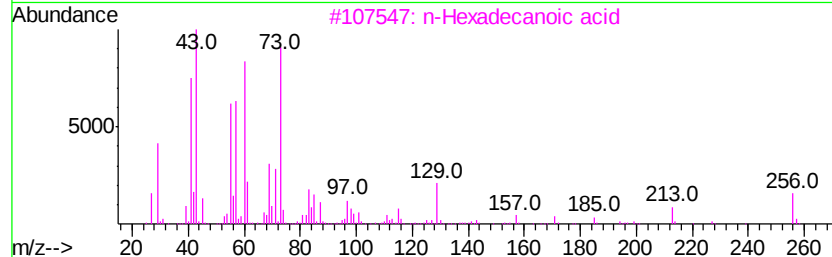
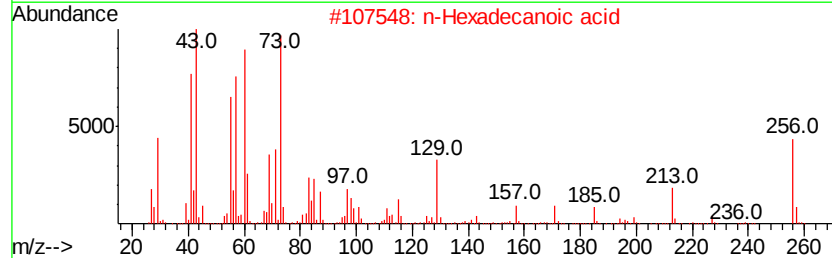
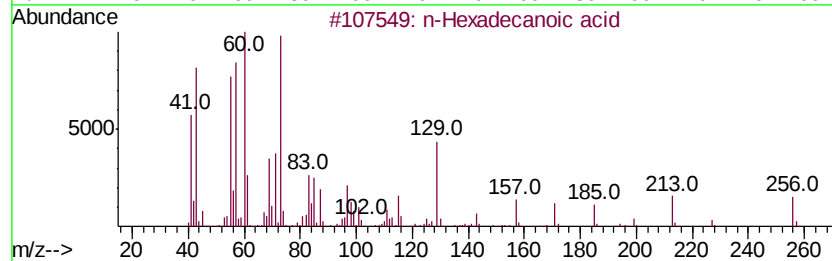
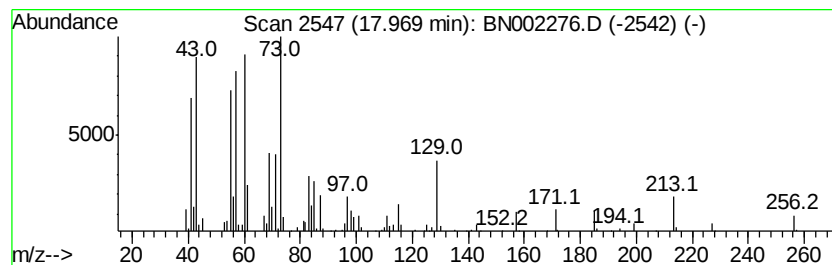
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Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.		
17.97	2.98 ng/ul	405469	Phenanthrene-d10		17.06		
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	98
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	93
5			Pentadecanoic acid	242	C15H30O2	001002-84-2	90



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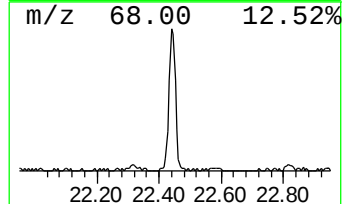
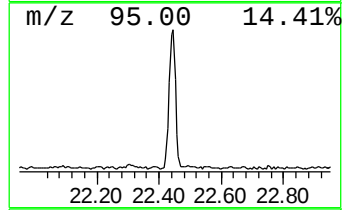
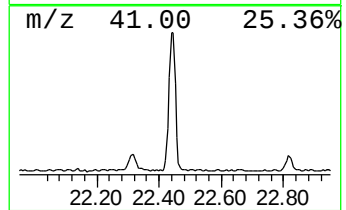
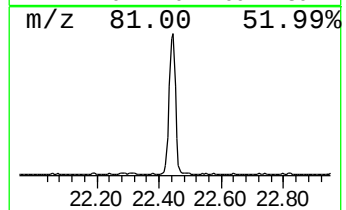
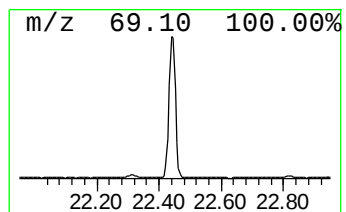
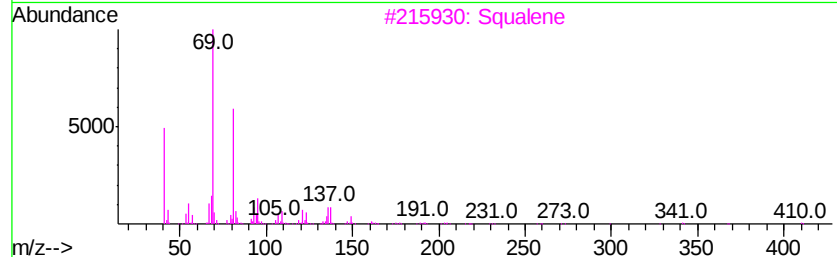
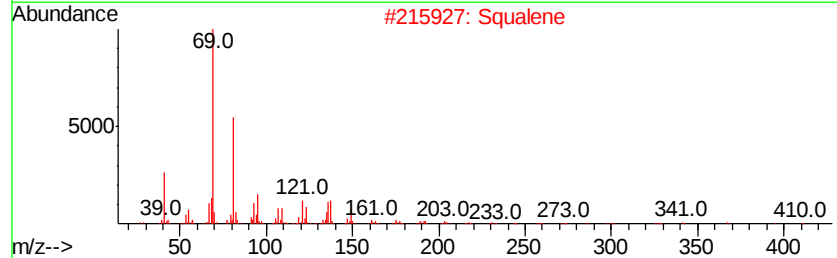
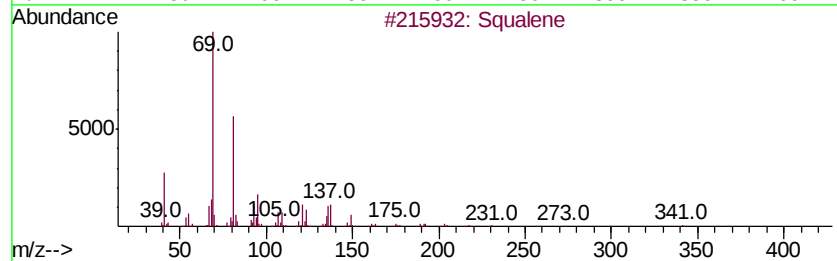
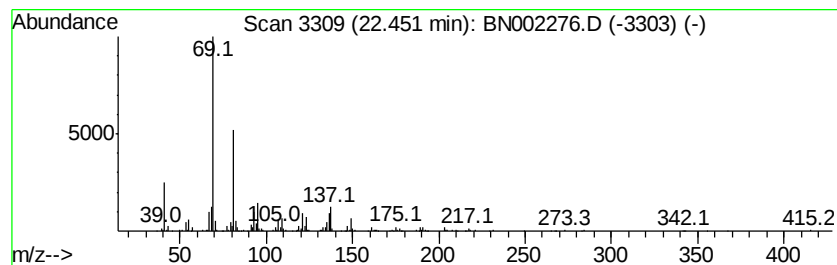
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Peak Number 2 Squalene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.45	6.17 ng/ul	821516	Perylene-d12	23.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Squalene	410	C30H50	000111-02-4	94
2		Squalene	410	C30H50	000111-02-4	91
3		Squalene	410	C30H50	000111-02-4	91
4		Supraene	410	C30H50	007683-64-9	91
5		Squalene	410	C30H50	000111-02-4	91



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.97	3.0	ng/ul	405469	4	17.06	2724220	20.0
Squalene	22.45	6.2	ng/ul	821516	6	23.49	2661490	20.0