

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_M\DATA\BM062617\
 Data File : BM010767.D
 Acq On : 27 Jun 2017 09:17
 Operator : SJ/JU
 Sample : I3756-08
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AD9

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:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.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	6.639	632	638	649	rBB	232606	361900	18.66%	1.910%
2	6.804	661	666	672	rBV	144030	216622	11.17%	1.143%
3	6.992	692	698	706	rVB	233611	349572	18.03%	1.845%
4	7.457	770	777	783	rVB	247916	379901	19.59%	2.005%
5	8.157	890	896	903	rBV	303535	470218	24.25%	2.482%
6	8.598	964	971	980	rVB	226699	350996	18.10%	1.853%
7	9.310	1086	1092	1099	rBV	216253	320384	16.52%	1.691%
8	9.839	1176	1182	1190	rVB	340249	541792	27.94%	2.860%
9	10.216	1239	1246	1254	rBB	375212	597561	30.81%	3.154%
10	10.357	1263	1270	1277	rBV	296033	473603	24.42%	2.500%
11	13.527	1803	1809	1813	rBV	689269	935378	48.23%	4.937%
12	13.574	1813	1817	1824	rVB	193421	242048	12.48%	1.278%
13	13.792	1848	1854	1860	rBV	686605	970741	50.06%	5.124%
14	14.104	1901	1907	1914	rBB3	630499	948395	48.90%	5.006%
15	14.315	1937	1943	1952	rBV	309626	423582	21.84%	2.236%
16	15.104	2071	2077	2085	rBV	939851	1297038	66.88%	6.847%
17	15.233	2093	2099	2105	rVB	290736	387629	19.99%	2.046%
18	16.862	2370	2376	2381	rBV2	910075	1261730	65.06%	6.660%
19	16.956	2386	2392	2401	rBV	1144278	1547803	79.81%	8.170%
20	17.780	2525	2532	2539	rBV2	107563	140458	7.24%	0.741%
21	18.933	2724	2728	2730	rVV3	18000	22499	1.16%	0.119%
22	19.080	2749	2753	2760	rBV3	55315	71953	3.71%	0.380%
23	19.268	2777	2785	2794	rBV	1461732	1939316	100.00%	10.237%
24	20.815	3044	3048	3055	rVB2	89499	111826	5.77%	0.590%
25	21.074	3086	3092	3100	rBV	1265793	1571455	81.03%	8.295%
26	21.680	3192	3195	3199	rBV5	39021	51418	2.65%	0.271%
27	22.597	3348	3351	3356	rVB3	78906	99863	5.15%	0.527%
28	23.080	3426	3433	3439	rBV	873056	1493617	77.02%	7.884%
29	23.133	3439	3442	3448	rVB3	67042	99917	5.15%	0.527%
30	23.209	3449	3455	3463	rVB	645957	1135130	58.53%	5.992%
31	23.738	3542	3545	3552	rVB5	81487	130157	6.71%	0.687%

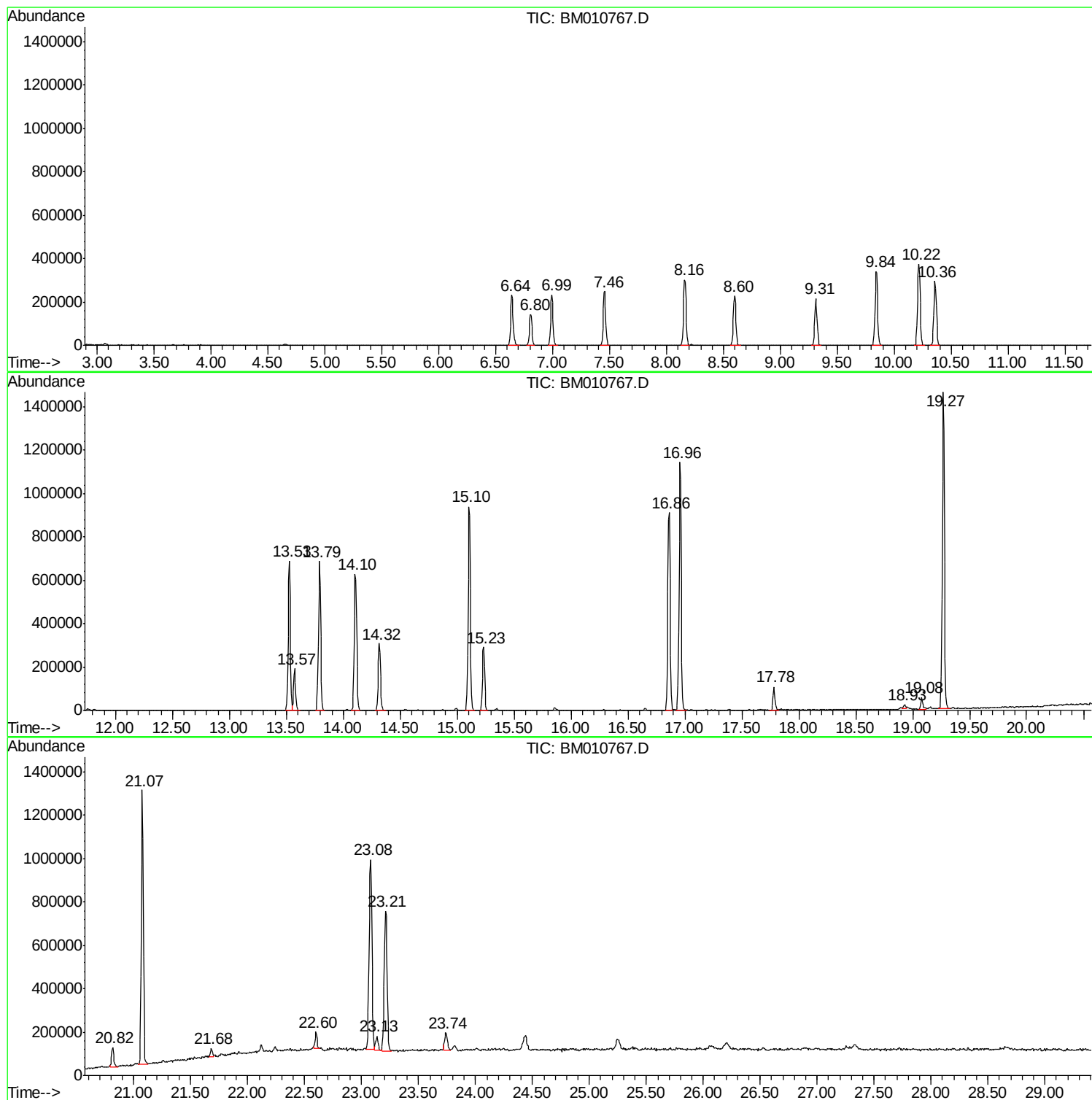
Sum of corrected areas: 18944502

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Quant Title : SVOA CALIBRATION

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



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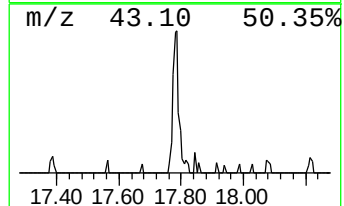
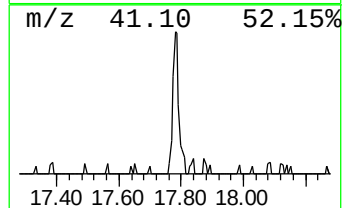
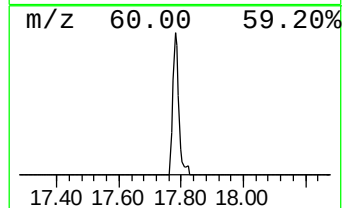
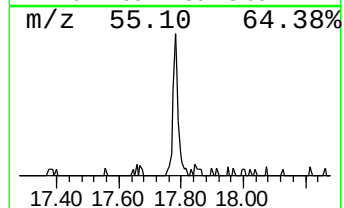
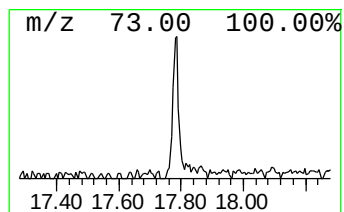
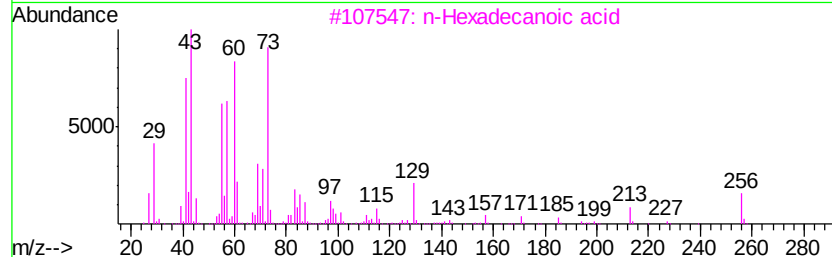
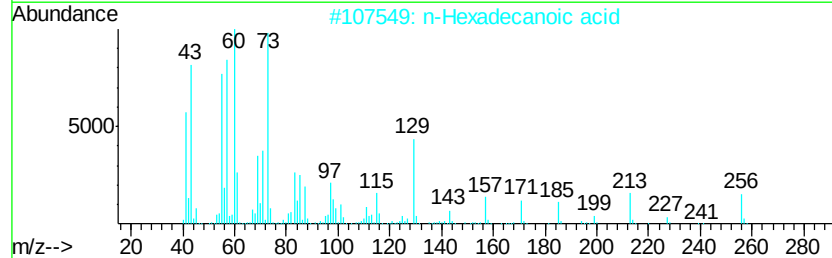
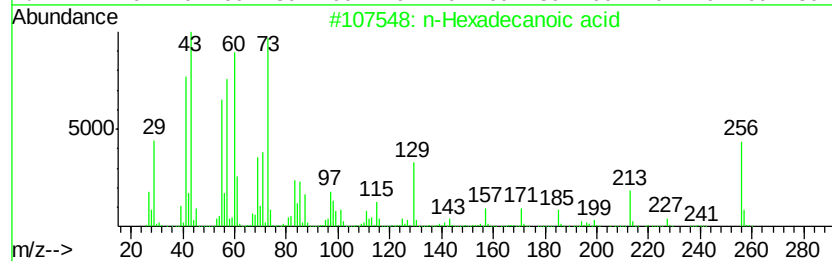
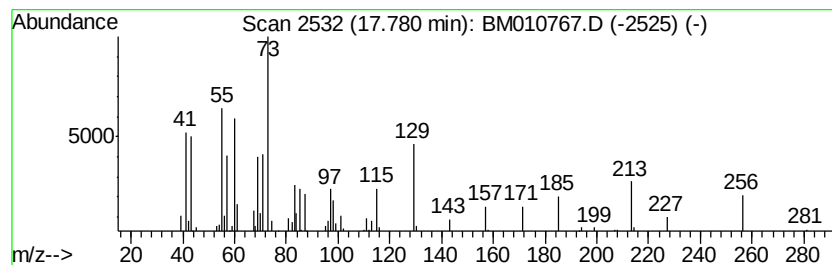
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Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.78	2.23 ng/ul	140458	Phenanthrene-d10	16.86
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	95
3	n-Hexadecanoic acid	256 C16H32O2	000057-10-3	94
4	Tridecanoic acid	214 C13H26O2	000638-53-9	60
5	Pentadecanoic acid	242 C15H30O2	001002-84-2	52



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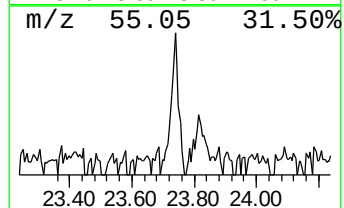
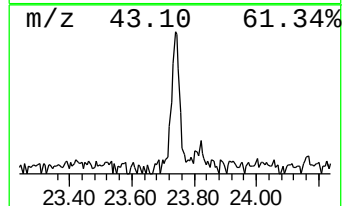
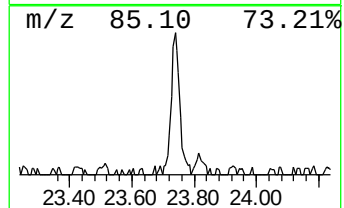
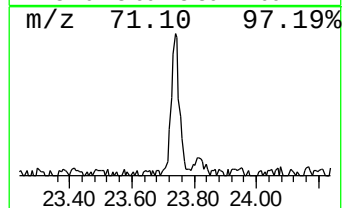
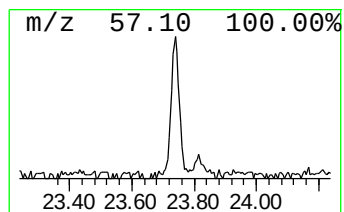
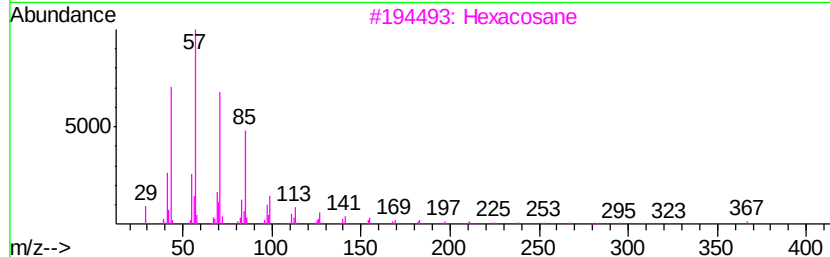
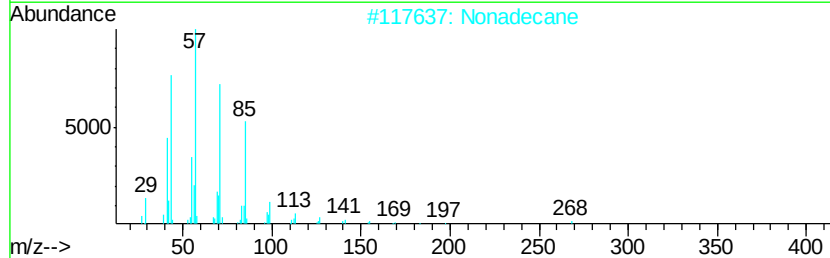
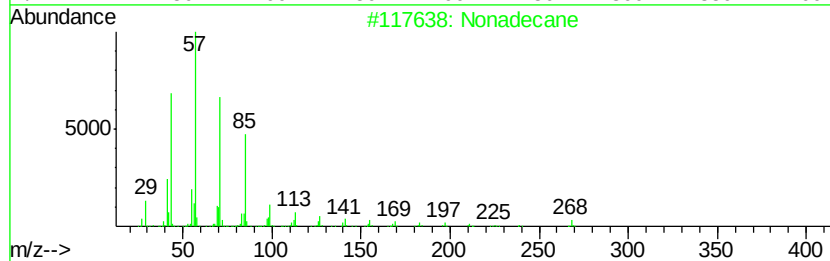
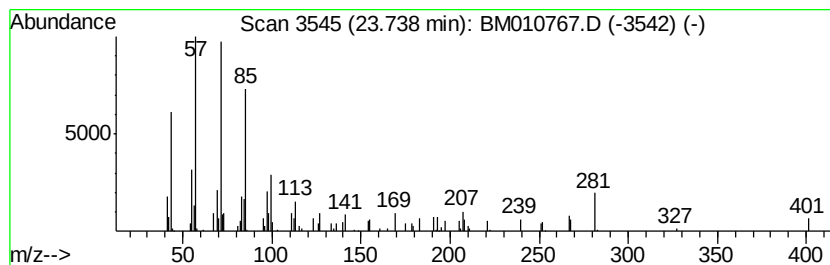
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Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.74	2.29 ng/ul	130157	Perylene-d12	23.21

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	86
2			Nonadecane	268	C19H40	000629-92-5	76
3			Hexacosane	366	C26H54	000630-01-3	74
4			Octadecane, 3-ethyl-5-(2-ethylbu...	366	C26H54	055282-12-7	72
5			Octacosane	394	C28H58	000630-02-4	72



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.78	2.2	ng/ul	140458	4	16.86	1261730	20.0
(DEL) Alkane: Str...	23.74	2.3	ng/ul	130157	6	23.21	1135130	20.0