

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071718\
 Data File : BM015981.D
 Acq On : 17 Jul 2018 22:50
 Operator : SJ/JU
 Sample : J3967-21
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DB1F0

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_M\METHODS\SOM-EPA-BM071318MA.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	7.422	697	703	713	rBV	61054	116985	3.90%	0.494%
2	7.575	724	729	742	rBV	228556	376333	12.56%	1.589%
3	7.787	759	765	783	rBV	270600	490835	16.38%	2.072%
4	8.257	840	845	857	rBV	220606	379441	12.66%	1.602%
5	8.492	880	885	890	rBV2	21387	30343	1.01%	0.128%
6	8.975	962	967	986	rBV	214874	387119	12.92%	1.634%
7	9.269	1011	1017	1022	rBB3	20600	33516	1.12%	0.141%
8	9.445	1041	1047	1062	rBV	359571	638027	21.29%	2.693%
9	10.169	1164	1170	1189	rBV	331818	578829	19.32%	2.444%
10	10.704	1256	1261	1280	rBV	456661	833428	27.82%	3.518%
11	11.081	1318	1325	1335	rBV	363822	615823	20.55%	2.600%
12	14.286	1864	1870	1875	rBV	970005	1345069	44.89%	5.678%
13	14.345	1875	1880	1885	rVB	82884	123490	4.12%	0.521%
14	14.580	1913	1920	1931	rBV	1013933	1454777	48.55%	6.141%
15	14.780	1950	1954	1958	rBV2	40364	52808	1.76%	0.223%
16	14.821	1958	1961	1965	rVB2	65611	81657	2.73%	0.345%
17	14.880	1965	1971	1979	rVB2	537842	858708	28.66%	3.625%
18	15.116	2005	2011	2022	rBV2	52839	141065	4.71%	0.596%
19	15.868	2133	2139	2145	rBV	1329014	1945574	64.93%	8.213%
20	16.004	2156	2162	2169	rBV	495065	740228	24.70%	3.125%
21	17.610	2429	2435	2442	rBV	812584	1140940	38.08%	4.817%
22	17.710	2446	2452	2463	rVB	1618084	2254047	75.23%	9.516%
23	18.451	2574	2578	2584	rBV	82917	116566	3.89%	0.492%
24	19.609	2772	2775	2783	rVB2	25605	43417	1.45%	0.183%
25	19.704	2787	2791	2796	rBV	102182	142009	4.74%	0.600%
26	19.968	2830	2836	2846	rVB	2115032	2734680	91.27%	11.545%
27	21.727	3130	3135	3142	rBV	1180739	1511365	50.44%	6.380%
28	23.962	3508	3515	3525	rVB	1559824	2996314	100.00%	12.649%
29	24.115	3534	3541	3551	rVB	763931	1524491	50.88%	6.436%

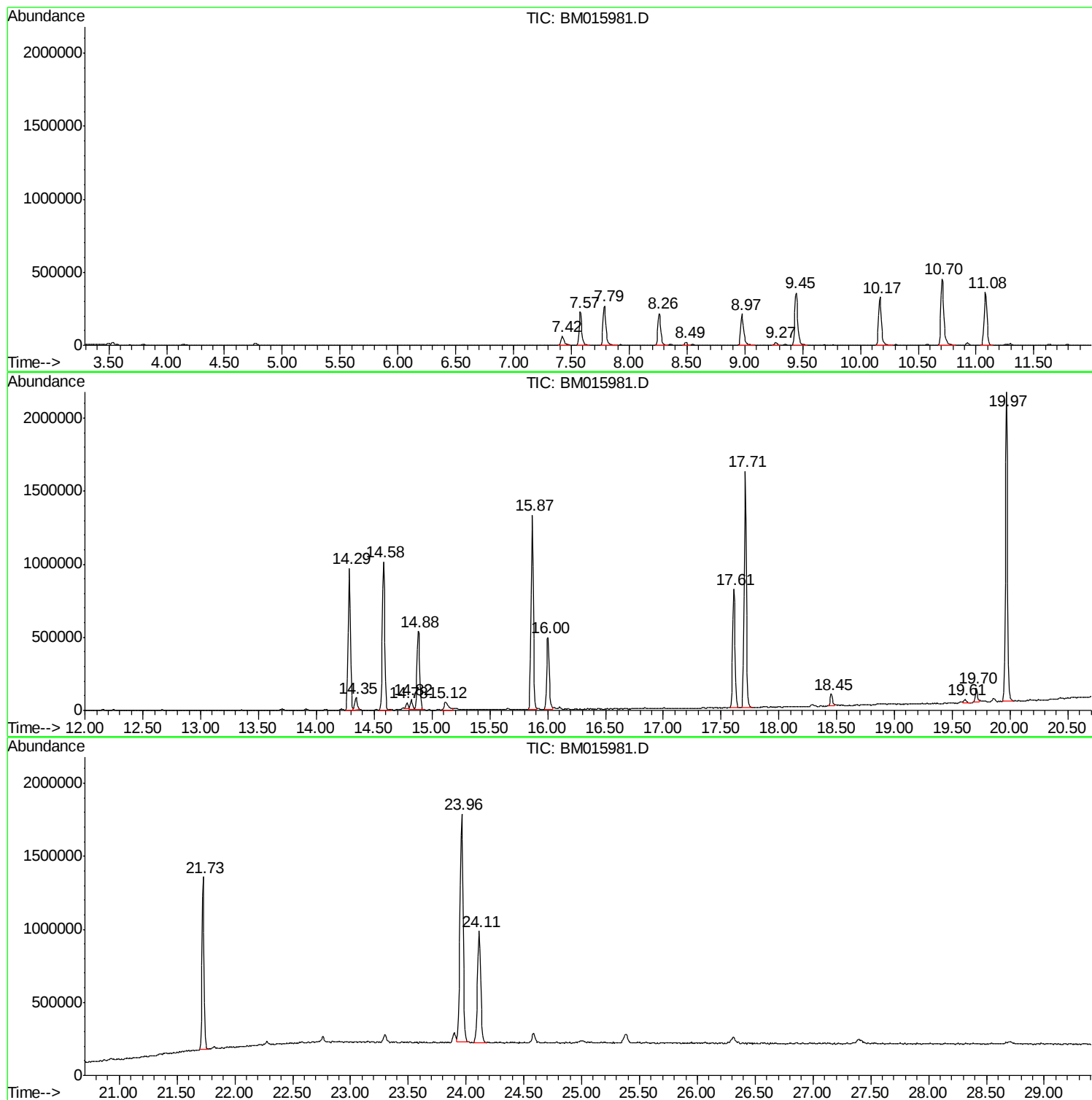
Sum of corrected areas: 23687884

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Quant Title : SVOA CALIBRATION

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



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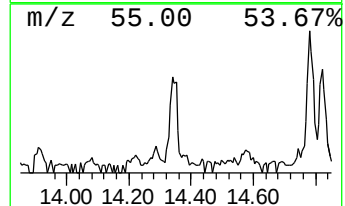
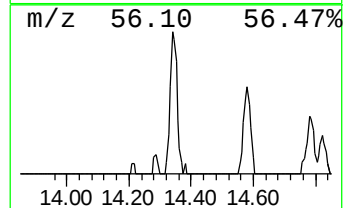
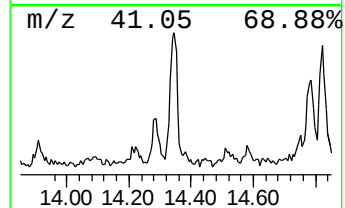
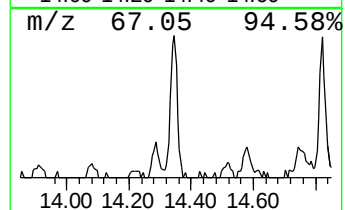
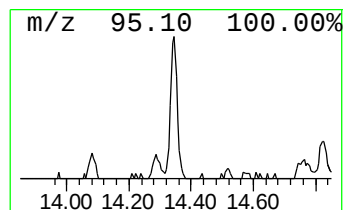
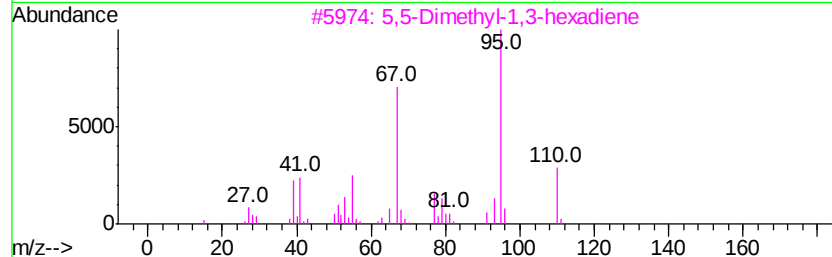
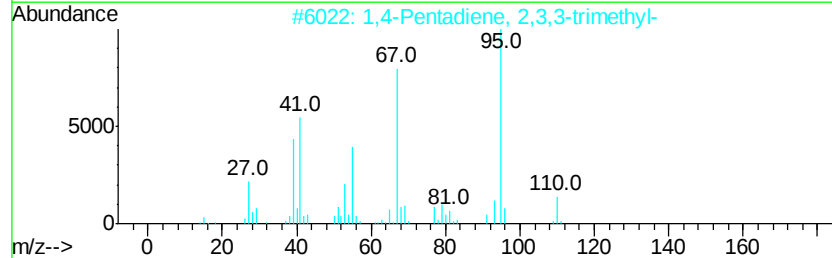
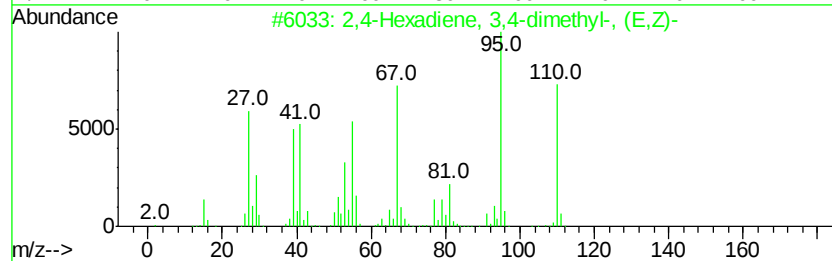
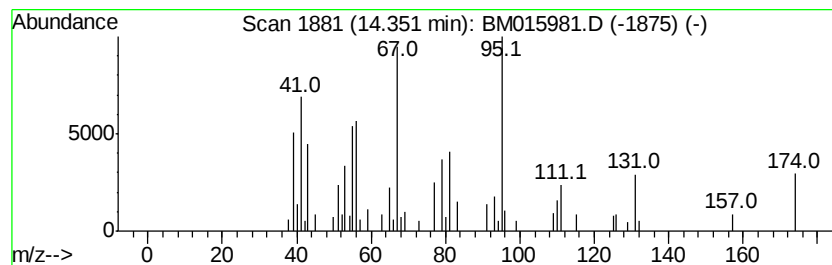
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Peak Number 1 2,4-Hexadiene, 3,4-dimethyl... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.35	2.88 ng/ul	123490	Acenaphthene-d10	14.88
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	2,4-Hexadiene, 3,4-dimethyl-, (E...	110 C8H14	002417-88-1	53
2	1,4-Pentadiene, 2,3,3-trimethyl-	110 C8H14	000756-02-5	53
3	5,5-Dimethyl-1,3-hexadiene	110 C8H14	001515-79-3	52
4	2,4-Hexadiene, 3,4-dimethyl-, (Z...	110 C8H14	021293-01-6	52
5	2,4-Hexadiene, 2,5-dimethyl-	110 C8H14	000764-13-6	49



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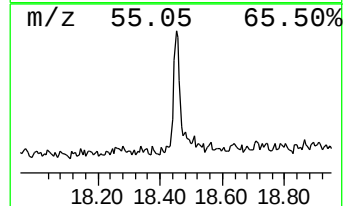
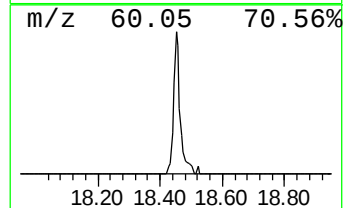
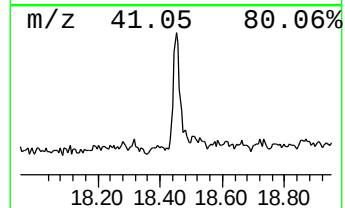
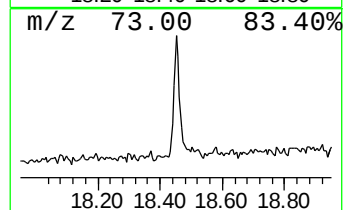
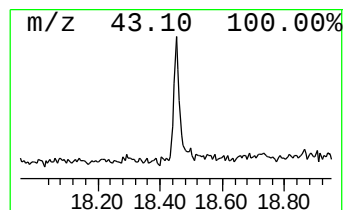
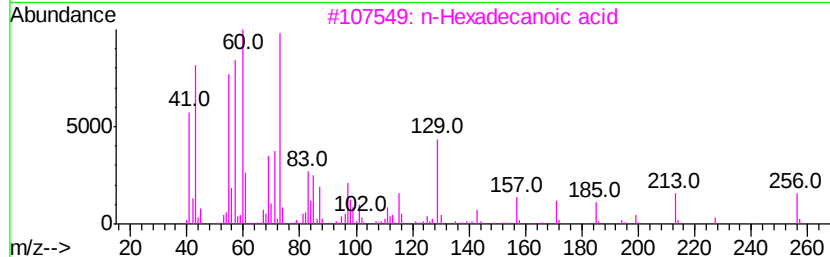
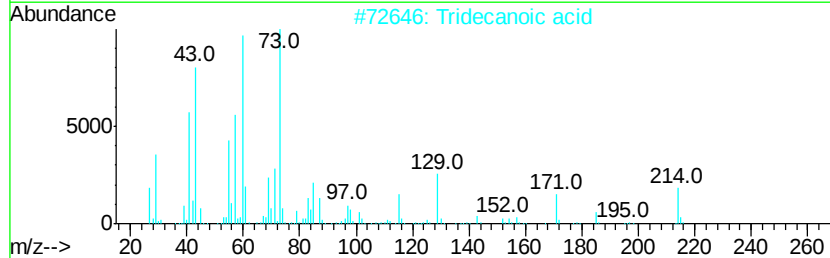
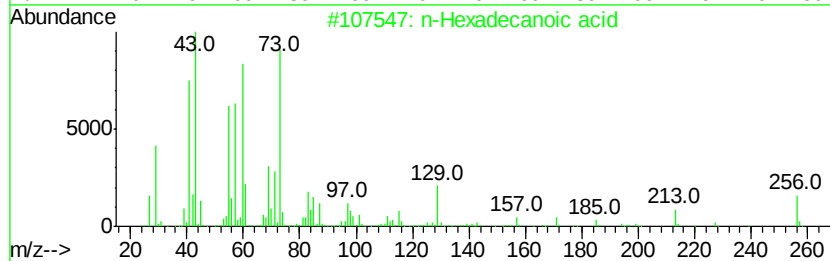
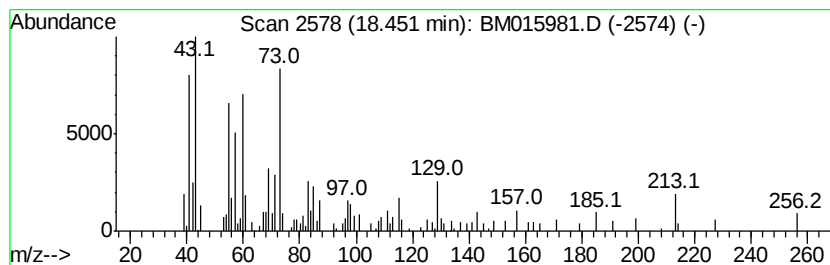
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.45	2.04 ng/ul	116566	Phenanthrene-d10	17.61

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	72
2			Tridecanoic acid	214	C13H26O2	000638-53-9	70
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	70
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	70
5			Tridecanoic acid	214	C13H26O2	000638-53-9	58



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2,4-Hexadiene, 3,...	14.35	2.9	ng/ul	123490	3	14.88	858708	20.0
n-Hexadecanoic acid	18.45	2.0	ng/ul	116566	4	17.61	1140940	20.0