

Data Path : Z:\HPCHEM1\BNA M\DATA\BM103117\
 Data File : BM012616.D
 Acq On : 31 Oct 2017 22:58
 Operator : SJ/JU
 Sample : I5844-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AC8

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-BM102417.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	3.340	40	43	55	rVB	83131	138108	1.41%	0.121%
2	4.287	200	204	212	rBV	67214	98562	1.01%	0.086%
3	4.981	317	322	332	rVB2	91462	169219	1.73%	0.148%
4	6.545	579	588	596	rVB	1633295	2458817	25.16%	2.148%
5	7.022	660	669	679	rBV	1505146	2647722	27.09%	2.314%
6	7.181	688	696	704	rBV	1226793	1866349	19.10%	1.631%
7	7.387	723	731	739	rBV	1557428	2450181	25.07%	2.141%
8	7.851	802	810	818	rBV	1531069	2395761	24.51%	2.093%
9	8.557	922	930	943	rBV	2107184	3401444	34.80%	2.972%
10	9.004	999	1006	1015	rBV	1587284	2588250	26.48%	2.262%
11	9.728	1120	1129	1136	rBV	1300704	2231011	22.83%	1.949%
12	10.263	1210	1220	1234	rBV	2105392	3531434	36.13%	3.086%
13	10.639	1277	1284	1292	rBV	2144653	3629295	37.14%	3.171%
14	10.775	1299	1307	1318	rBV	1975509	3410101	34.89%	2.980%
15	13.810	1817	1823	1828	rBV2	201471	288745	2.95%	0.252%
16	13.892	1830	1837	1841	rVV	4506455	6185168	63.29%	5.404%
17	13.939	1841	1845	1855	rVB	1853823	2525126	25.84%	2.206%
18	14.174	1874	1885	1895	rBV	4825718	7126946	72.93%	6.227%
19	14.327	1903	1911	1917	rBV5	52160	112764	1.15%	0.099%
20	14.486	1927	1938	1946	rBV2	3602606	5620056	57.51%	4.911%
21	14.680	1965	1971	1977	rBV	1431037	2178912	22.30%	1.904%
22	14.733	1977	1980	1989	rVB	155347	255656	2.62%	0.223%
23	15.304	2070	2077	2080	rBV	481595	674658	6.90%	0.589%
24	15.333	2080	2082	2086	rVV	84987	98384	1.01%	0.086%
25	15.398	2086	2093	2097	rVV2	208802	298074	3.05%	0.260%
26	15.474	2100	2106	2115	rVB	6275869	9039806	92.50%	7.899%
27	15.598	2122	2127	2139	rVB	1122984	1557444	15.94%	1.361%
28	15.715	2141	2147	2155	rVV4	106717	200972	2.06%	0.176%
29	15.945	2178	2186	2192	rVB5	120321	288423	2.95%	0.252%
30	16.051	2196	2204	2212	rBV2	128033	200607	2.05%	0.175%
31	16.192	2224	2228	2237	rVB	137538	217174	2.22%	0.190%
32	16.986	2359	2363	2367	rBV3	68471	99743	1.02%	0.087%
33	17.227	2394	2404	2410	rBV	4999736	6955724	71.17%	6.078%
34	17.327	2414	2421	2429	rVB	6156241	9197447	94.11%	8.036%

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35	17.998	2529	2535	2542	rBV3	100341	204405	2.09%	0.179%
36	18.115	2550	2555	2564	rBV	504582	723786	7.41%	0.632%
37	19.251	2743	2748	2751	rBV	120014	194981	2.00%	0.170%
38	19.392	2768	2772	2780	rBV	228071	362816	3.71%	0.317%
39	19.615	2803	2810	2815	rBV	6830291	9772911	100.00%	8.539%
40	21.103	3061	3063	3071	rVB3	208525	270678	2.77%	0.237%
41	21.397	3108	3113	3118	rBV	5031197	6129149	62.72%	5.355%
42	23.544	3473	3478	3487	rVB2	3848091	7431046	76.04%	6.493%
43	23.691	3497	3503	3510	rVB	2797374	5218592	53.40%	4.560%

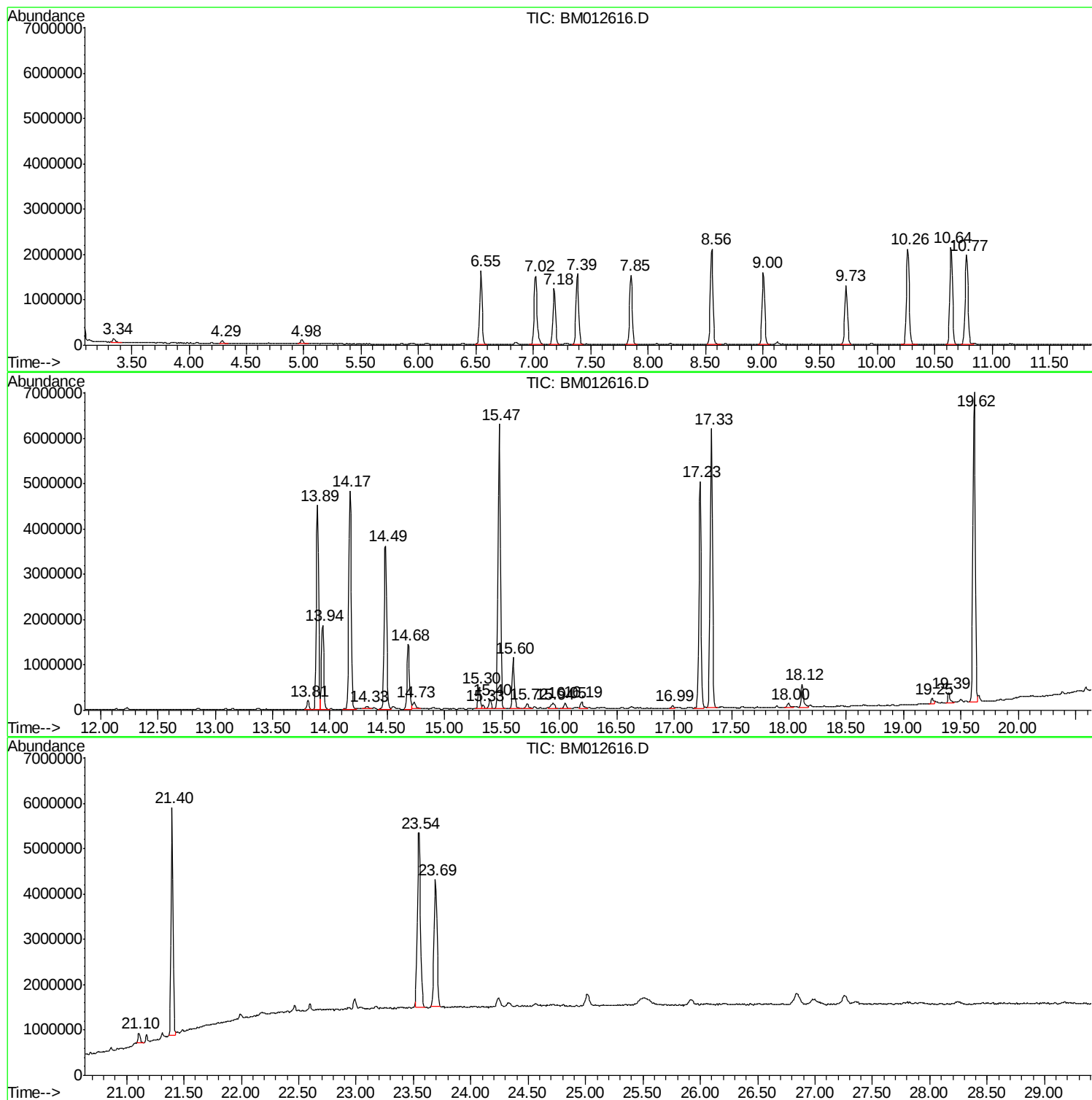
Sum of corrected areas: 114446447

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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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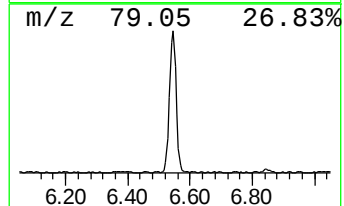
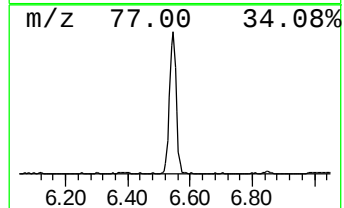
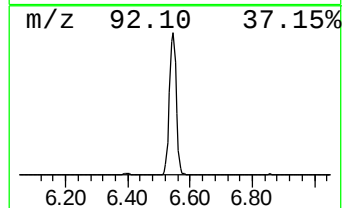
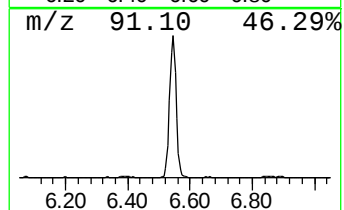
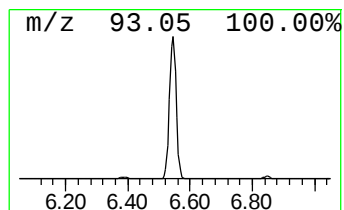
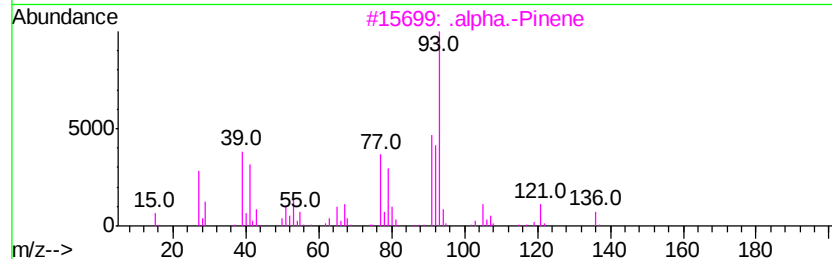
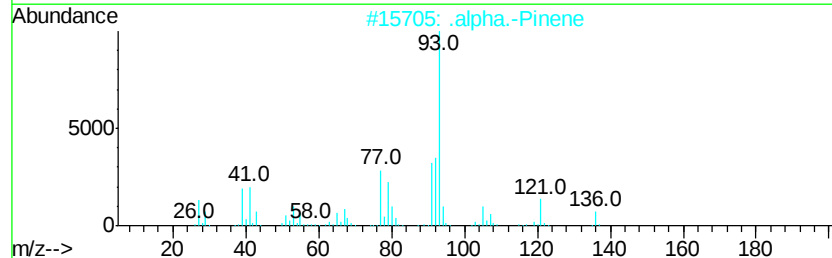
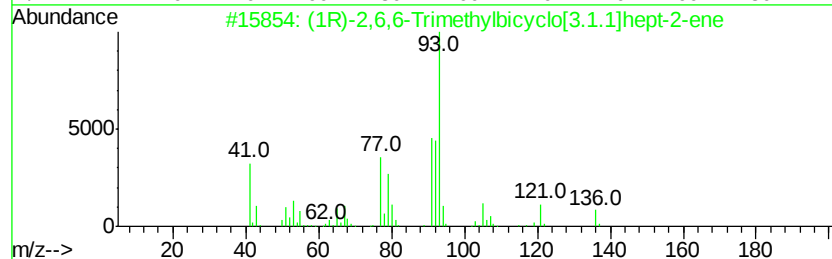
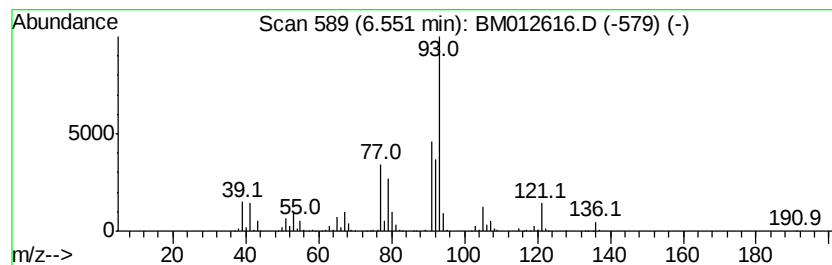
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Peak Number 1 (1R)-2,6,6-Trimethylbicyclo... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.55	20.53 ng/ul	2458820	1,4-Dichlorobenzene-d4	7.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(1R)-2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene	136	C10H16	007785-70-8	95
2		.alpha.-Pinene	136	C10H16	000080-56-8	95
3		.alpha.-Pinene	136	C10H16	000080-56-8	95
4		3-Carene	136	C10H16	013466-78-9	91
5		Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	91



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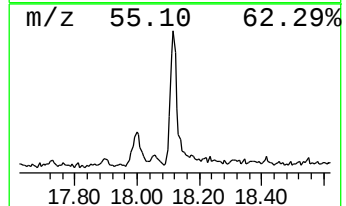
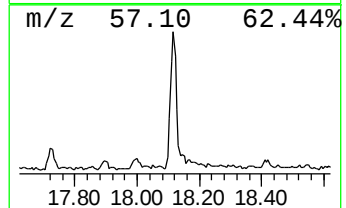
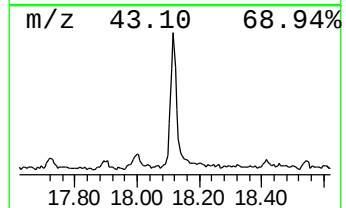
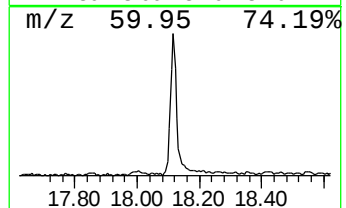
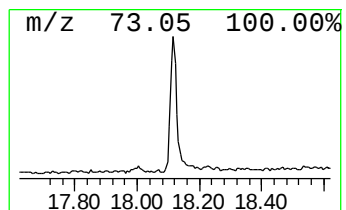
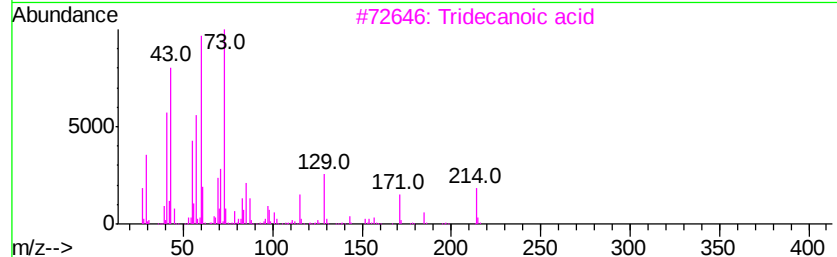
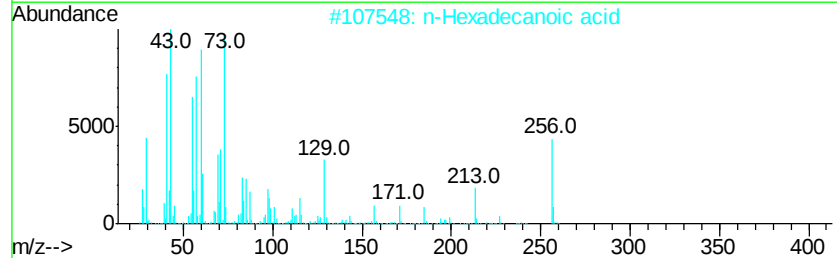
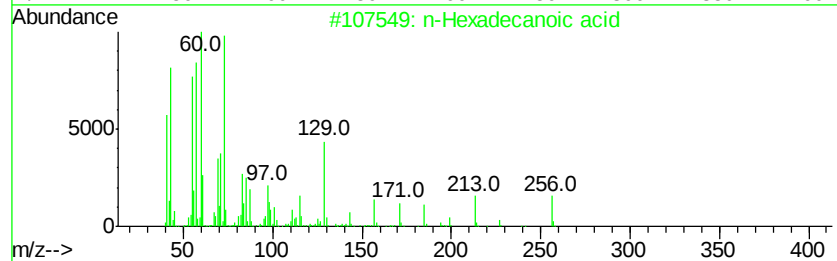
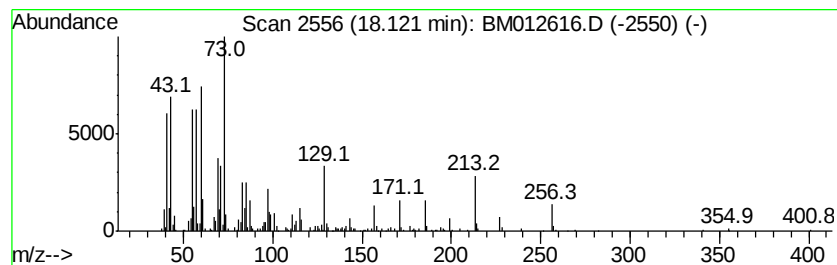
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.12	2.08 ng/ul	723786	Phenanthrene-d10		17.23	
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		Tridecanoic acid	214	C13H26O2	000638-53-9	90
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	90
5		Tridecanoic acid	214	C13H26O2	000638-53-9	81



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(1R)-2,6,6-Trimet...	6.55	20.5	ng/ul	2458820	1	7.85	2395760	20.0
n-Hexadecanoic acid	18.12	2.1	ng/ul	723786	4	17.23	6955720	20.0