

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_M\DATA\BM011818\
 Data File : BM013648.D
 Acq On : 18 Jan 2018 19:26
 Operator : SJ/JU
 Sample : J1097-18
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DAJP7

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-BM011018.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	3.158	27	29	36	rVB	30065	43792	1.32%	0.128%
2	6.799	640	648	663	rBV2	530998	990354	29.78%	2.893%
3	6.957	670	675	685	rBV	401336	612755	18.43%	1.790%
4	7.151	701	708	719	rBV	575071	900798	27.09%	2.631%
5	7.616	781	787	795	rBV	447620	711001	21.38%	2.077%
6	8.328	901	908	919	rBV	657250	1098540	33.04%	3.209%
7	8.769	976	983	990	rBV	563075	899094	27.04%	2.626%
8	9.487	1098	1105	1115	rBV	441924	765521	23.02%	2.236%
9	10.022	1188	1196	1208	rBV	649885	1129569	33.97%	3.299%
10	10.392	1251	1259	1266	rVB	575407	961729	28.92%	2.809%
11	10.539	1275	1284	1295	rBV	572399	1064358	32.01%	3.109%
12	13.086	1713	1717	1725	rVB3	28286	51770	1.56%	0.151%
13	13.680	1812	1818	1823	rBV	1111591	1573733	47.33%	4.597%
14	13.727	1823	1826	1833	rVB	232710	343313	10.32%	1.003%
15	13.957	1856	1865	1874	rBV	1281491	1903993	57.26%	5.561%
16	14.175	1898	1902	1907	rBV2	48130	64706	1.95%	0.189%
17	14.269	1911	1918	1929	rVB2	780140	1235395	37.15%	3.609%
18	14.492	1951	1956	1970	rBV2	383331	730163	21.96%	2.133%
19	15.127	2061	2064	2070	rVB2	56155	71241	2.14%	0.208%
20	15.263	2081	2087	2094	rVB	1597983	2242069	67.42%	6.549%
21	15.398	2099	2110	2123	rBV	420764	725707	21.82%	2.120%
22	15.510	2123	2129	2131	rVV5	26061	38718	1.16%	0.113%
23	15.639	2145	2151	2156	rBV	42026	64439	1.94%	0.188%
24	15.992	2207	2211	2219	rBV3	60129	103370	3.11%	0.302%
25	16.674	2321	2327	2338	rBV	474832	721787	21.71%	2.108%
26	16.786	2343	2346	2351	rVV4	47047	70536	2.12%	0.206%
27	17.021	2380	2386	2392	rBV	1007503	1458310	43.85%	4.260%
28	17.115	2396	2402	2415	rVB2	1799381	2491478	74.92%	7.277%
29	17.521	2467	2471	2477	rBV4	34306	47061	1.42%	0.137%
30	17.921	2534	2539	2548	rBV2	180540	288212	8.67%	0.842%
31	18.215	2586	2589	2593	rBV5	29310	33697	1.01%	0.098%
32	19.209	2754	2758	2765	rBV5	79708	126221	3.80%	0.369%
33	19.421	2788	2794	2802	rBV	2261594	2998946	90.19%	8.760%
34	20.356	2947	2953	2959	rBV3	125870	184540	5.55%	0.539%

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35	20.939	3047	3052	3060	rBV3	265146	381396	11.47%	1.114%
36	21.215	3094	3099	3106	rBV	1497274	1926024	57.92%	5.626%
37	23.280	3443	3450	3463	rVB2	1789965	3325301	100.00%	9.713%
38	23.415	3467	3473	3485	rVB2	950424	1855918	55.81%	5.421%

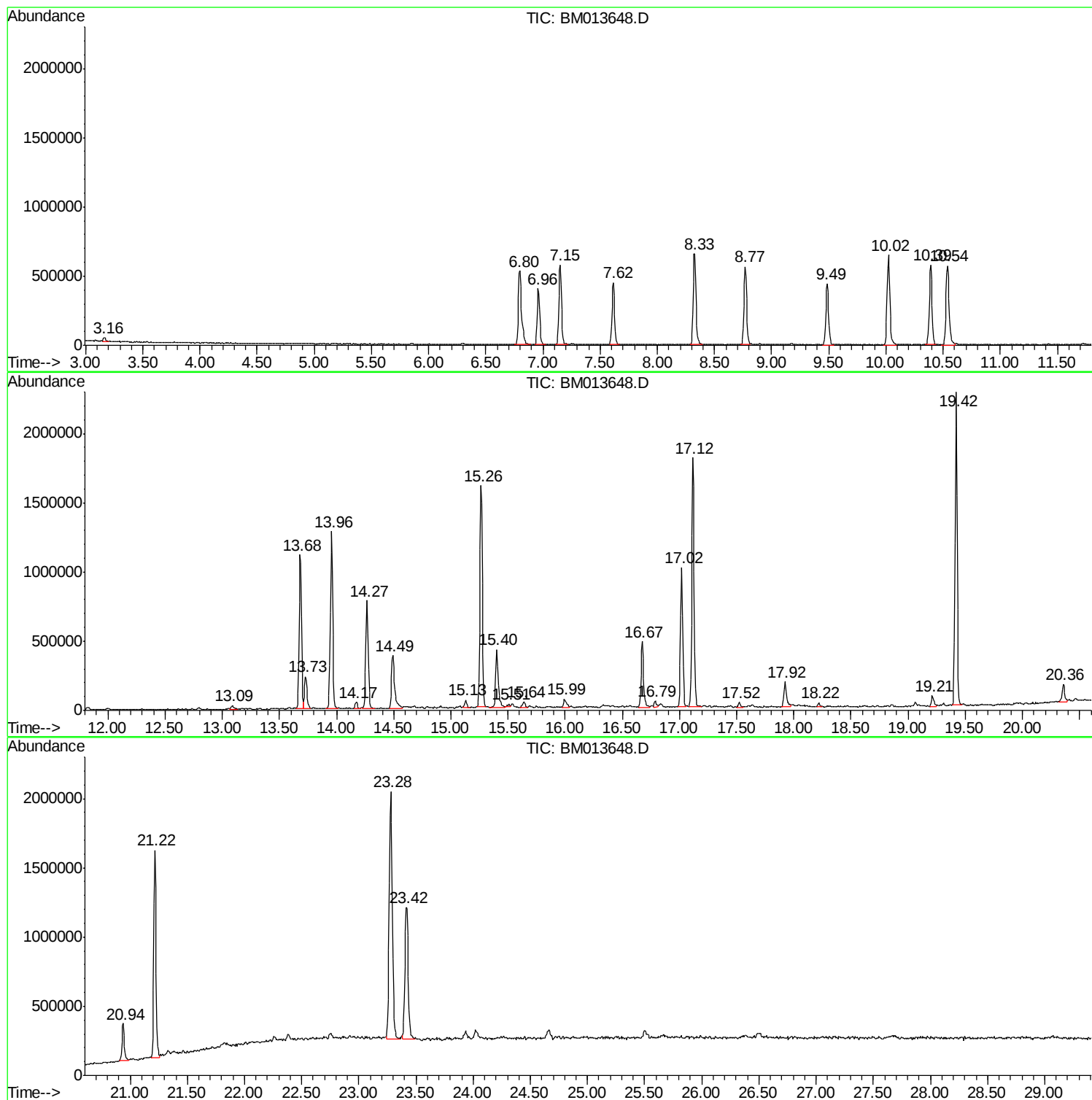
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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



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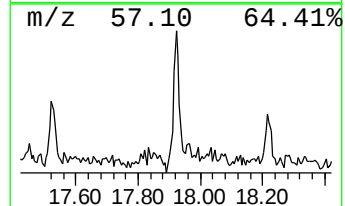
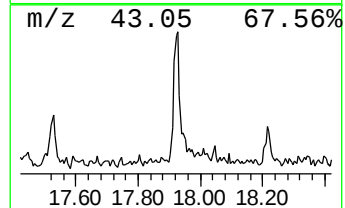
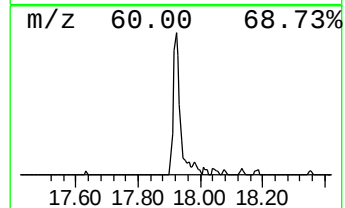
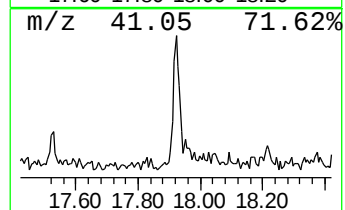
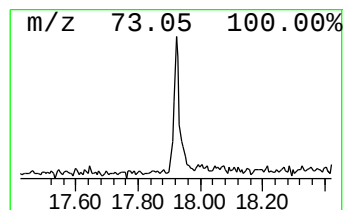
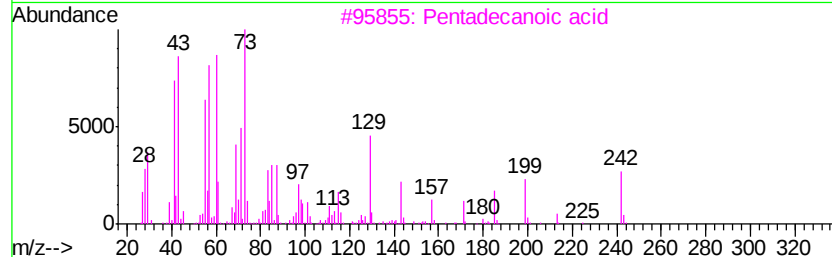
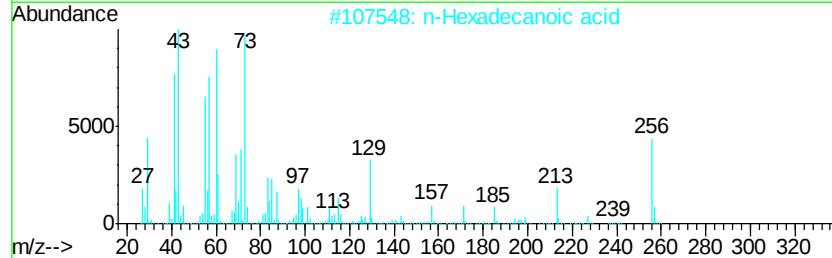
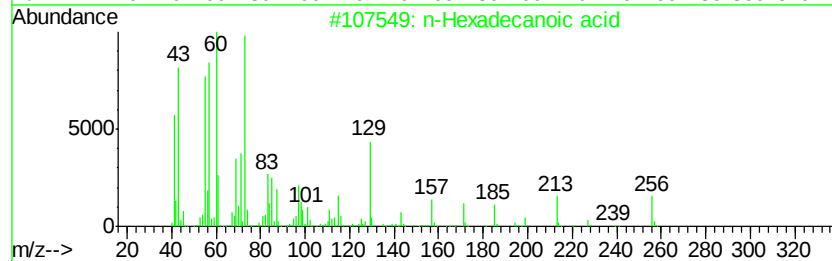
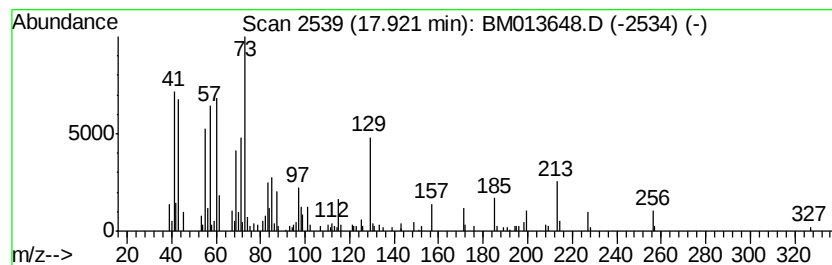
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TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.92	3.95 ng/ul	288212	Phenanthrene-d10	17.02

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	70
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	68
5			Tridecanoic acid	214	C13H26O2	000638-53-9	62



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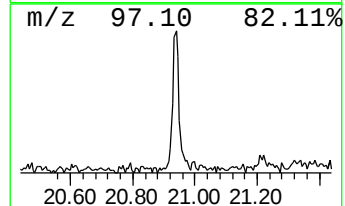
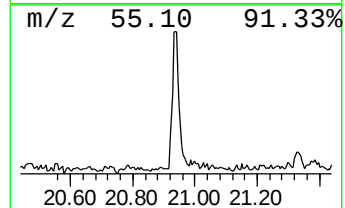
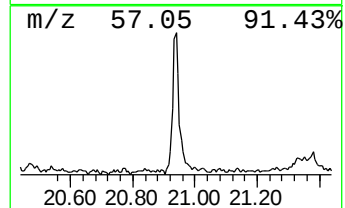
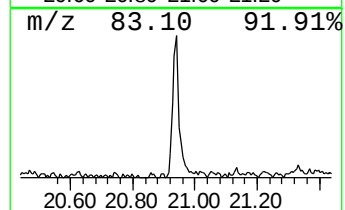
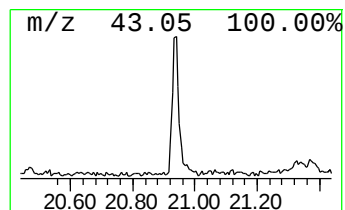
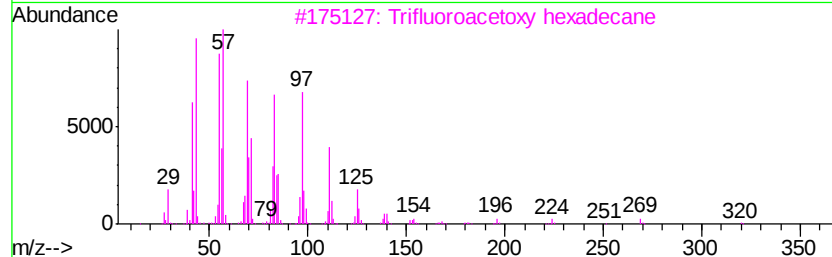
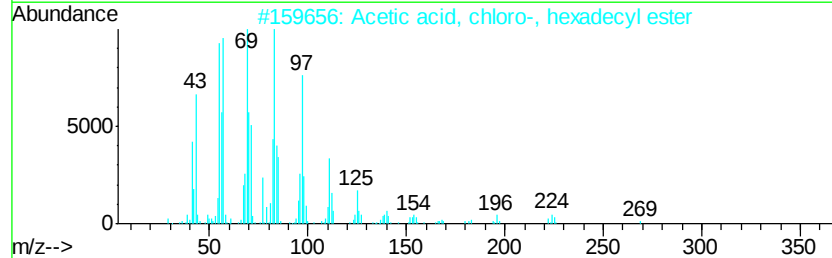
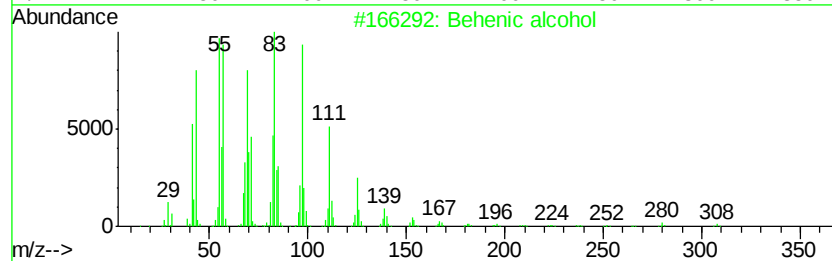
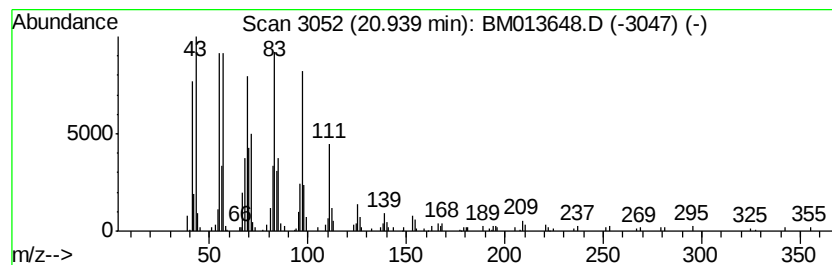
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Peak Number 2 Behenic alcohol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.94	3.96 ng/ul	381396	Chrysene-d12	21.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Behenic alcohol	326	C22H46O	000661-19-8	94
2		Acetic acid, chloro-, hexadecyl ...	318	C18H35ClO2	052132-58-8	94
3		Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	91
4		Pentafluoropropionic acid, tetra...	360	C17H29F5O2	006222-06-6	91
5		n-Tetracosanol-1	354	C24H50O	000506-51-4	91



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.92	4.0	ng/ul	288212	4	17.02	1458310	20.0
Behenic alcohol	20.94	4.0	ng/ul	381396	5	21.22	1926020	20.0