

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022318\
 Data File : BM014334.D
 Acq On : 23 Feb 2018 17:08
 Operator : SJ/JU
 Sample : J1631-18
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BE606

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-BM021418.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	3.104	17	20	26	rBV2	35412	45784	1.17%	0.103%
2	6.722	628	635	656	rBV	560591	1175498	30.09%	2.656%
3	6.875	656	661	676	rVB	448824	753844	19.30%	1.703%
4	7.063	687	693	706	rBV	631274	1068424	27.35%	2.414%
5	7.528	765	772	782	rBV	505697	873128	22.35%	1.973%
6	8.245	887	894	910	rBV2	783425	1443608	36.96%	3.262%
7	8.686	962	969	977	rBV	686222	1207949	30.92%	2.729%
8	9.398	1083	1090	1105	rBV	593765	1105180	28.29%	2.497%
9	9.933	1175	1181	1202	rBV	764309	1508732	38.62%	3.409%
10	10.292	1236	1242	1249	rBV	805029	1335827	34.20%	3.018%
11	10.451	1263	1269	1294	rBV	632651	1436207	36.77%	3.245%
12	13.604	1798	1805	1810	rBV	1843315	2579364	66.03%	5.828%
13	13.651	1810	1813	1821	rVB	739482	1111393	28.45%	2.511%
14	13.874	1843	1851	1866	rBV	1965434	2964261	75.89%	6.697%
15	14.180	1897	1903	1912	rBV2	1195420	1841856	47.15%	4.161%
16	14.439	1938	1947	1965	rBV	323177	949512	24.31%	2.145%
17	14.992	2037	2041	2043	rBV	40101	49979	1.28%	0.113%
18	15.027	2043	2047	2055	rVB	265177	371648	9.51%	0.840%
19	15.186	2066	2074	2084	rBV	2425167	3493331	89.43%	7.893%
20	15.339	2094	2100	2112	rBV	653864	1137482	29.12%	2.570%
21	15.427	2112	2115	2125	rVB7	38381	83905	2.15%	0.190%
22	15.909	2193	2197	2205	rBV2	57691	98910	2.53%	0.223%
23	16.704	2328	2332	2335	rBV2	38469	51081	1.31%	0.115%
24	16.939	2367	2372	2383	rBV2	1515225	2157339	55.23%	4.874%
25	17.039	2383	2389	2404	rVV2	2428336	3663334	93.78%	8.277%
26	17.851	2521	2527	2536	rBV2	349177	542935	13.90%	1.227%
27	18.992	2716	2721	2724	rBV	34387	50370	1.29%	0.114%
28	19.139	2742	2746	2756	rBV3	100466	182269	4.67%	0.412%
29	19.345	2775	2781	2795	rBV	2815986	3906251	100.00%	8.826%
30	20.868	3035	3040	3054	rBV2	381213	766087	19.61%	1.731%
31	21.150	3083	3088	3101	rBV	1437321	2058119	52.69%	4.650%
32	21.750	3188	3190	3197	rBV7	36609	63615	1.63%	0.144%
33	23.185	3427	3434	3447	rBV2	1500512	2759452	70.64%	6.235%
34	23.321	3451	3457	3465	rVV2	738076	1423364	36.44%	3.216%

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Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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Title : SVOA CALIBRATION

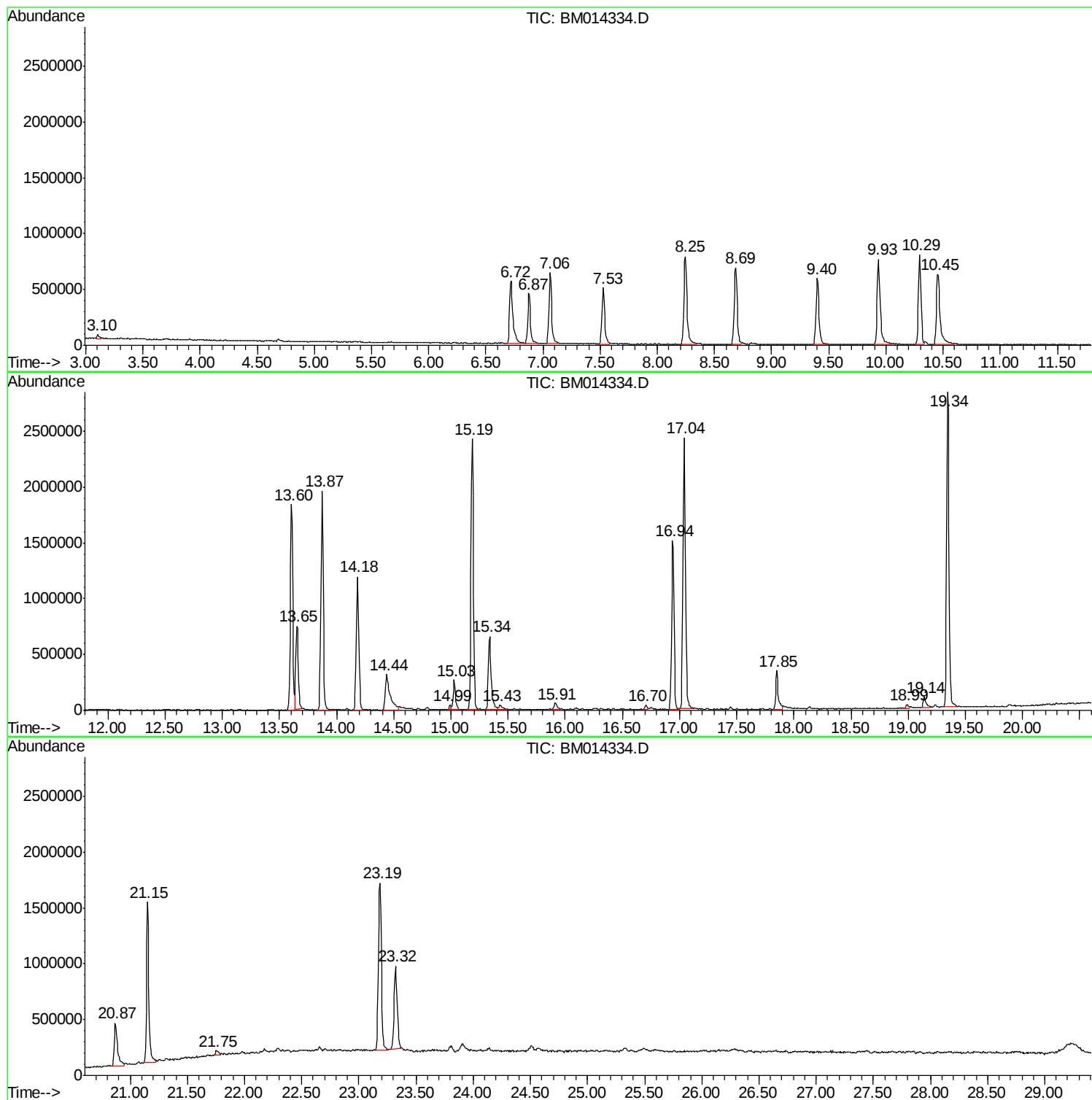
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

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



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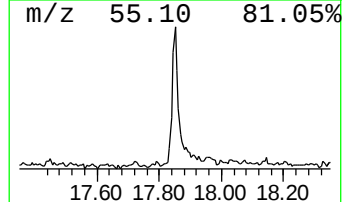
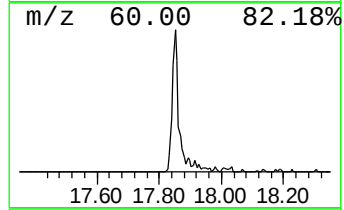
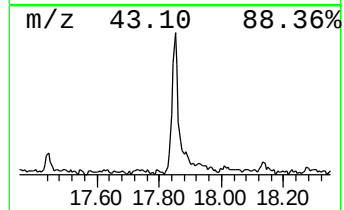
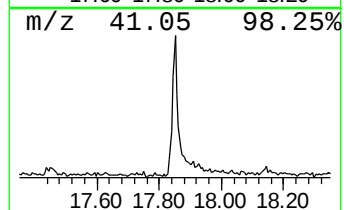
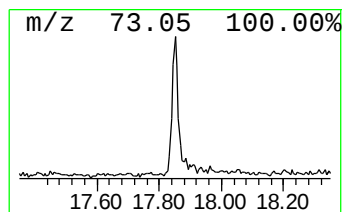
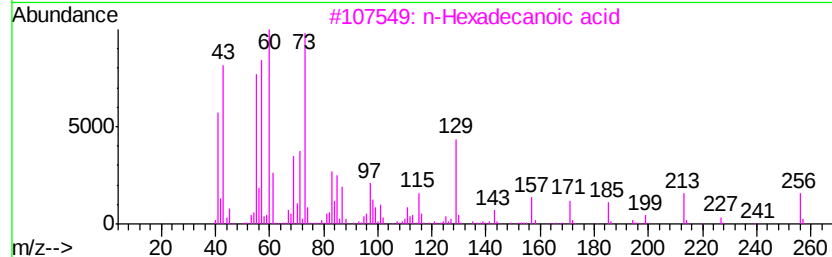
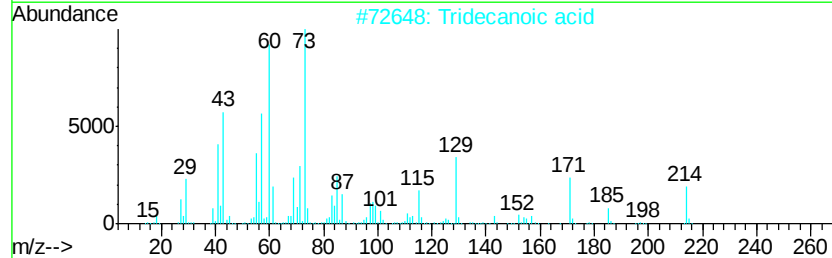
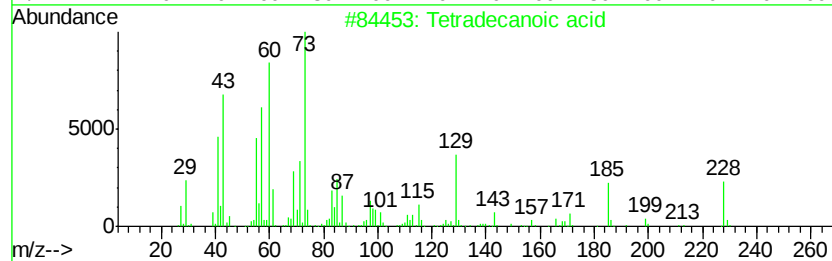
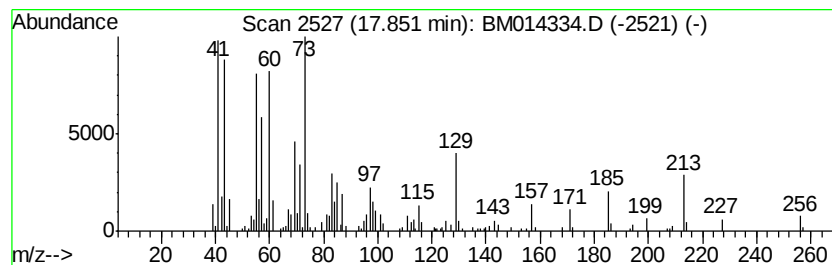
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Peak Number 1 Tetradecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.85	5.03 ng/ul	542935	Phenanthrene-d10	16.94	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
2	Tridecanoic acid	214	C13H26O2	000638-53-9	81
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	80
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	72



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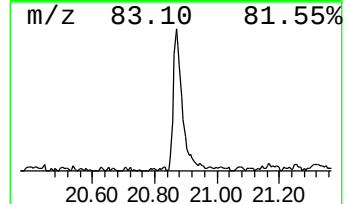
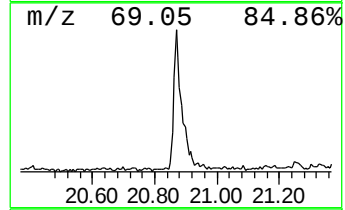
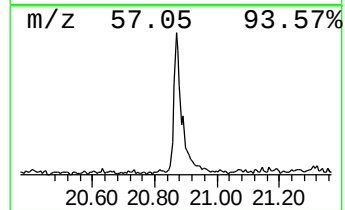
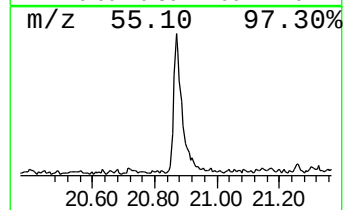
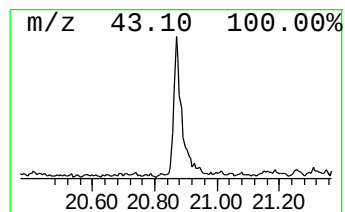
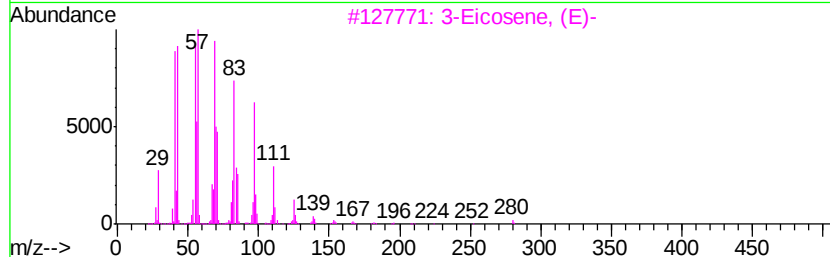
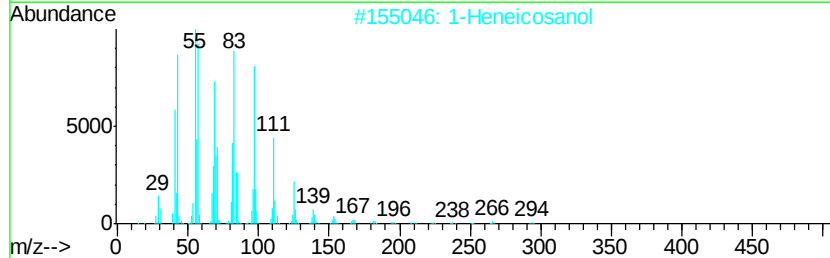
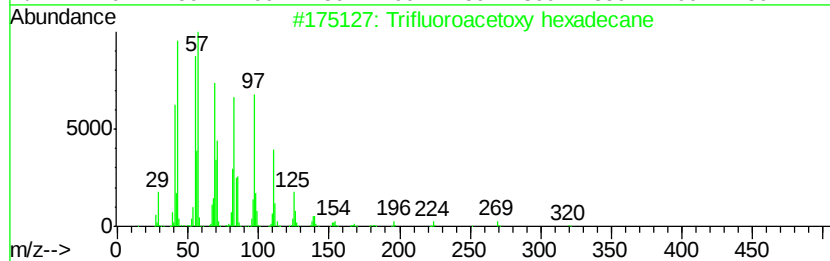
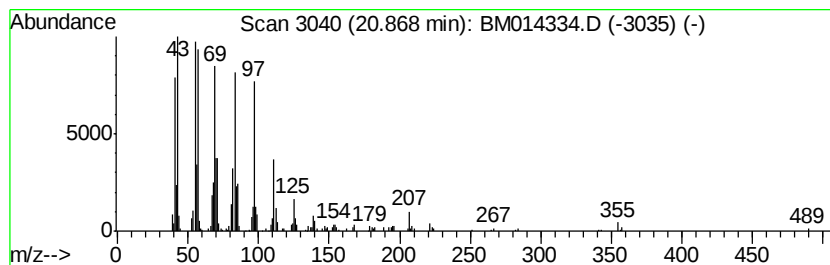
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Peak Number 2 Trifluoroacetoxy hexadecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.87	7.44 ng/ul	766087	Chrysene-d12	21.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
2		1-Heneicosanol	312	C21H44O	015594-90-8	93
3		3-Eicosene, (E)-	280	C20H40	074685-33-9	74
4		Behenic alcohol	326	C22H46O	000661-19-8	70
5		n-Nonadecanol-1	284	C19H40O	001454-84-8	70



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Tetradecanoic acid	17.85	5.0	ng/ul	542935	4	16.94	2157340	20.0
Trifluoroacetoxy ...	20.87	7.4	ng/ul	766087	5	21.15	2058120	20.0