

Data Path : Z:\HPCHEM1\BNA_M\Data\BM071616\
 Data File : BM006498.D
 Acq On : 17 Jul 2016 03:19
 Operator : UM/SJ
 Sample : H3985-14
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BDJ47

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\SOM02.2-EPA-BM071416.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	6.792	708	715	730	rBV	868606	1424846	25.22%	2.630%
2	6.957	736	743	756	rBV	623887	1007122	17.83%	1.859%
3	7.151	768	776	792	rBV	841933	1385485	24.52%	2.557%
4	7.616	848	855	870	rVB	660744	1088028	19.26%	2.008%
5	8.322	969	975	994	rVB	1009857	1685166	29.83%	3.110%
6	8.769	1044	1051	1065	rBV	789077	1348434	23.87%	2.489%
7	9.486	1166	1173	1185	rBV	670019	1146667	20.29%	2.116%
8	10.022	1257	1264	1284	rBV	923849	1664890	29.47%	3.073%
9	10.392	1319	1327	1342	rBV	860237	1478501	26.17%	2.729%
10	10.533	1344	1351	1372	rVV	903711	1649021	29.19%	3.043%
11	13.680	1879	1886	1890	rBV	1586982	2391482	42.33%	4.414%
12	13.727	1890	1894	1911	rVB	754122	1122901	19.87%	2.072%
13	13.957	1926	1933	1947	rBV	1843813	2870101	50.80%	5.297%
14	14.268	1979	1986	1997	rVB2	1157926	1853011	32.80%	3.420%
15	14.486	2014	2023	2039	rBV	803482	1364532	24.15%	2.518%
16	15.262	2148	2155	2168	rBV	2370520	3536768	62.60%	6.527%
17	15.398	2172	2178	2192	rBV	765111	1147945	20.32%	2.119%
18	15.992	2273	2279	2287	rBV	55412	106834	1.89%	0.197%
19	16.786	2408	2414	2420	rBV2	60705	102519	1.81%	0.189%
20	17.015	2447	2453	2460	rBV	1550988	2236262	39.58%	4.127%
21	17.115	2463	2470	2482	rVB2	2600606	3923989	69.45%	7.242%
22	19.356	2846	2851	2855	rVV	473338	551236	9.76%	1.017%
23	19.415	2855	2861	2868	rVV2	3202767	4708866	83.34%	8.691%
24	19.474	2868	2871	2879	rVB	63232	77712	1.38%	0.143%
25	20.403	3025	3029	3036	rBV	356082	434907	7.70%	0.803%
26	20.468	3036	3040	3044	rVV	45859	65720	1.16%	0.121%
27	20.933	3115	3119	3130	rBV	132914	249085	4.41%	0.460%
28	21.215	3161	3167	3177	rBV	2367608	3163043	55.98%	5.838%
29	21.368	3189	3193	3198	rBV2	77727	89498	1.58%	0.165%
30	21.797	3262	3266	3270	rBV	71695	102267	1.81%	0.189%
31	22.250	3338	3343	3347	rBV	101639	144905	2.56%	0.267%
32	22.368	3360	3363	3370	rVB	55991	82502	1.46%	0.152%
33	22.738	3422	3426	3433	rBV	131605	176182	3.12%	0.325%
34	23.274	3509	3517	3526	rBV2	2917750	5650046	100.00%	10.428%

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35	23.409	3533	3540	3550	rVB	1751769	3329661	58.93%	6.145%
36	23.915	3620	3626	3635	rVB2	145165	276182	4.89%	0.510%
37	24.632	3742	3748	3756	rBV	145649	312054	5.52%	0.576%
38	25.474	3886	3891	3900	rVB2	100850	235525	4.17%	0.435%

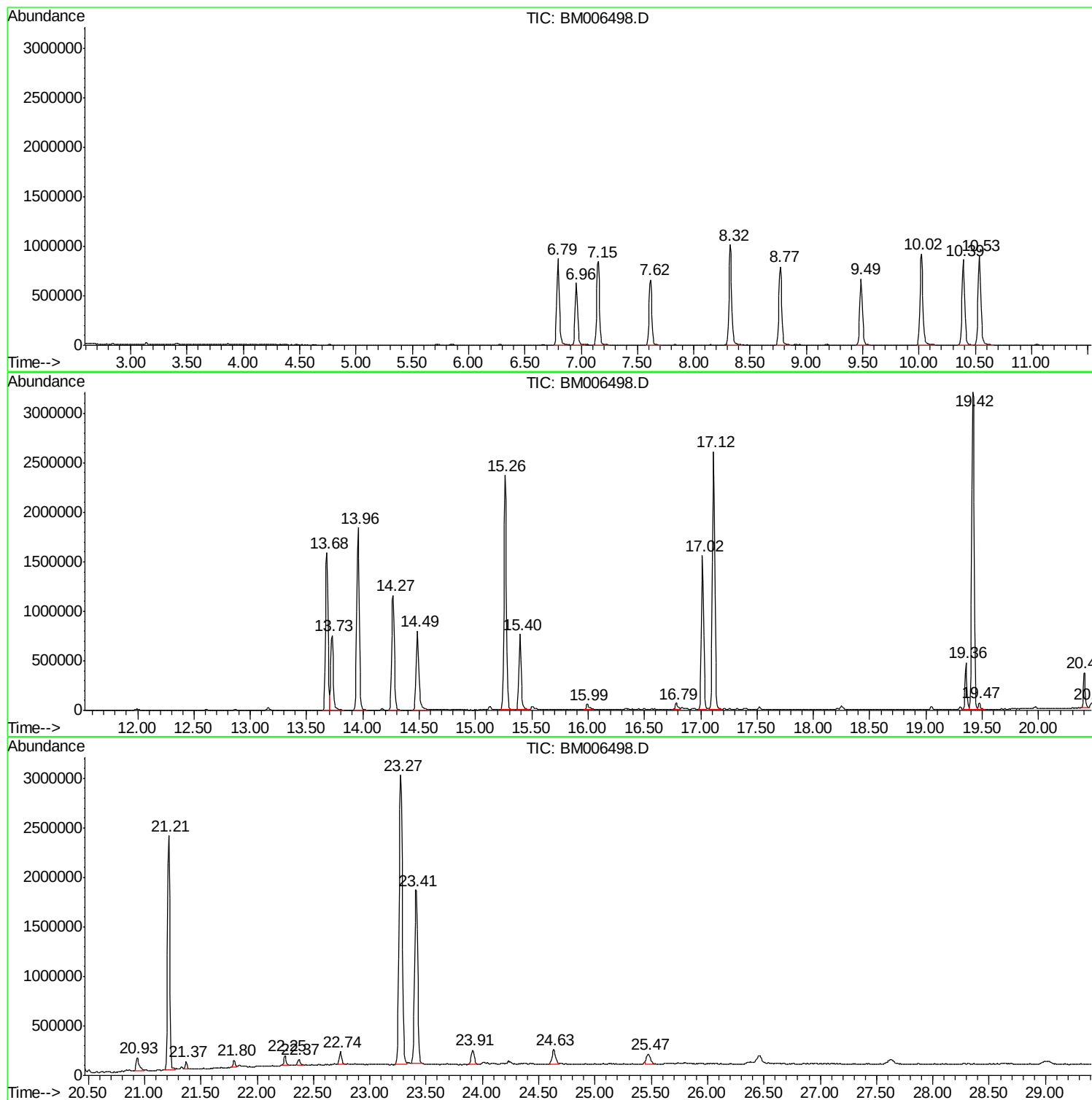
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071416.M
Quant Title : SVOA CALIBRATION

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



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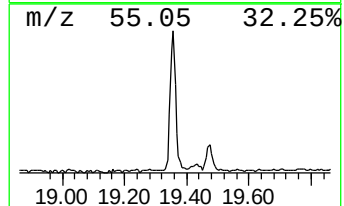
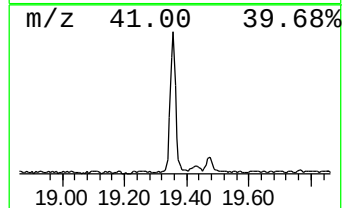
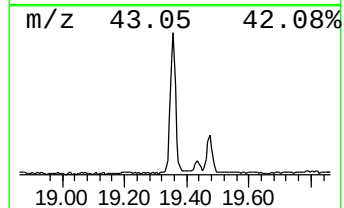
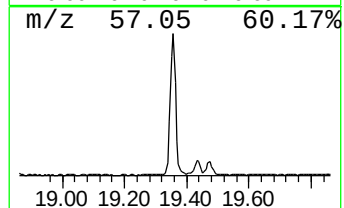
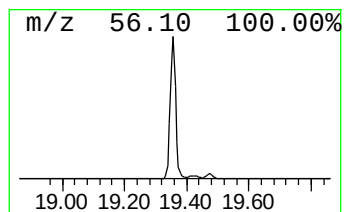
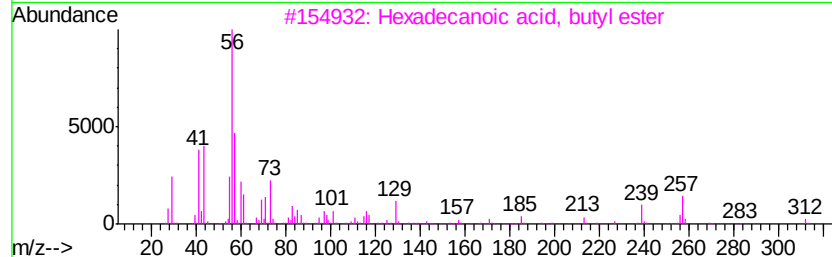
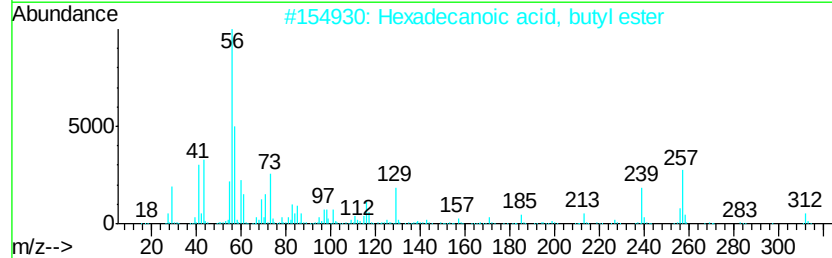
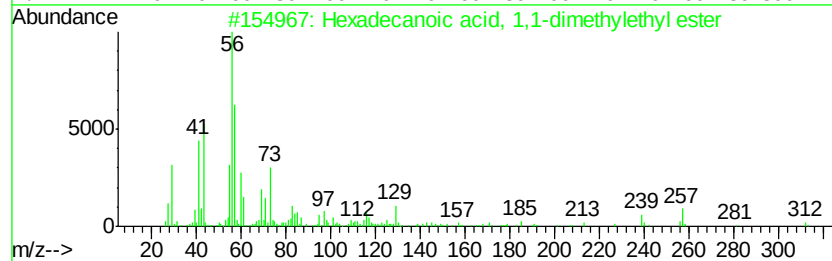
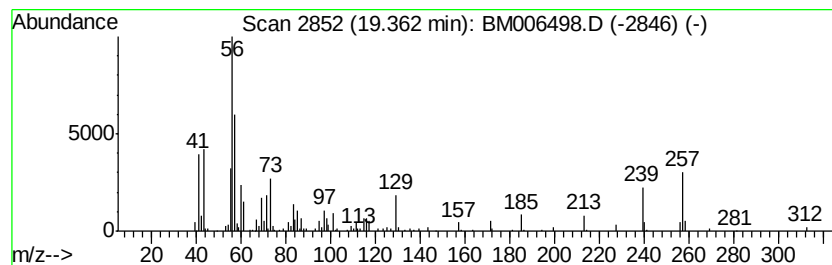
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Peak Number 1 Hexadecanoic acid, 1,1-dime... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.36	3.49 ng/ul	551236	Chrysene-d12	21.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	96
2		Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	91
3		Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	91
4		Cyclobutane, 1,1-dimethyl-2-octyl-	196	C14H28	062338-30-1	35
5		Trifluoroacetic acid, 4-methylpe...	198	C8H13F3O2	000327-71-9	32



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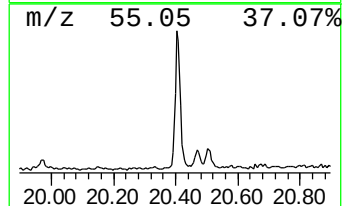
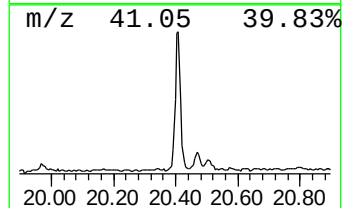
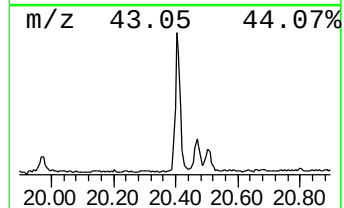
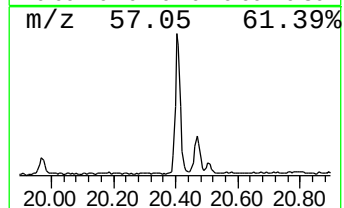
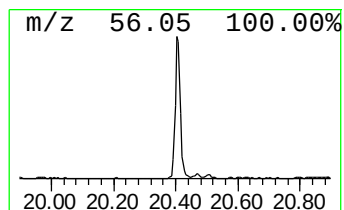
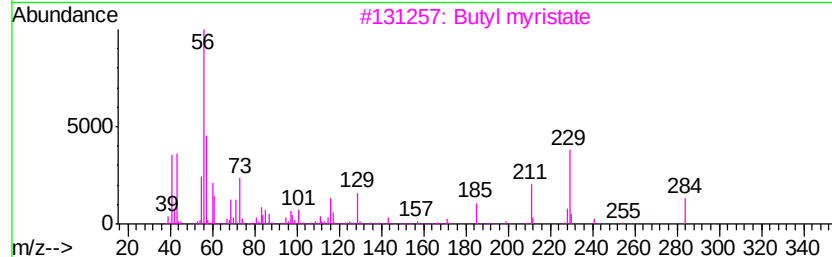
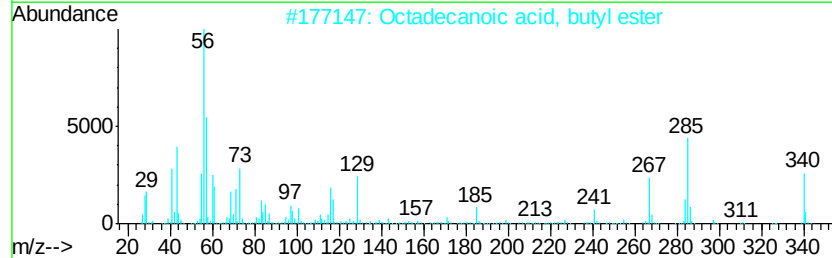
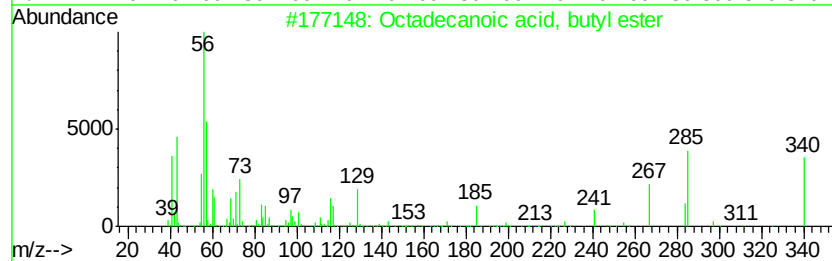
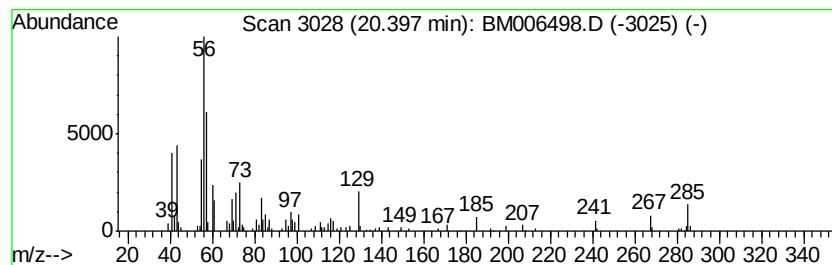
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Peak Number 2 Octadecanoic acid, butyl ester Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.40	2.75 ng/ul	434907	Chrysene-d12	21.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	91
2		Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	91
3		Butyl myristate	284	C18H36O2	000110-36-1	72
4		Octadecanoic acid, 2-methylpropy...	340	C22H44O2	000646-13-9	37
5		1-Heptene, 2-methyl-	112	C8H16	015870-10-7	35



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TIC Top Hit name	RT	EstConc	Units	Response	---Internal Standard---			
					#	RT	Resp	Conc
Hexadecanoic acid...	19.36	3.5	ng/ul	551236	5	21.22	3163040	20.0
Octadecanoic acid...	20.40	2.8	ng/ul	434907	5	21.22	3163040	20.0