

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM082916\
 Data File : BM007323.D
 Acq On : 29 Aug 2016 23:45
 Operator : UM/SJ
 Sample : H4575-18
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA288

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-BM082316.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	6.963	737	744	755	rBV	574696	992826	12.04%	1.421%
2	7.134	765	773	784	rBV	415203	678809	8.23%	0.972%
3	7.328	799	806	819	rBV	576653	966002	11.72%	1.383%
4	7.798	878	886	893	rBV	625325	1000349	12.13%	1.432%
5	8.492	998	1004	1014	rBV	793221	1300973	15.78%	1.863%
6	8.951	1073	1082	1091	rBV	604511	1012493	12.28%	1.450%
7	9.669	1197	1204	1214	rBV	539672	894813	10.85%	1.281%
8	10.198	1287	1294	1303	rBV	785971	1377137	16.70%	1.972%
9	10.580	1351	1359	1367	rBV	967328	1630669	19.78%	2.335%
10	10.716	1375	1382	1394	rBV	783373	1400359	16.98%	2.005%
11	13.833	1906	1912	1916	rBV	1947524	2728949	33.10%	3.907%
12	13.880	1916	1920	1929	rVB	1381082	1944070	23.58%	2.783%
13	14.121	1954	1961	1971	rBV	1939828	2928437	35.52%	4.193%
14	14.427	2006	2013	2024	rVB2	1719209	2658582	32.24%	3.806%
15	14.621	2040	2046	2061	rBV	955141	1523119	18.47%	2.181%
16	15.421	2175	2182	2191	rBV	2766904	4032242	48.90%	5.773%
17	15.539	2196	2202	2215	rVB	965546	1359671	16.49%	1.947%
18	16.139	2299	2304	2307	rBV	69567	91036	1.10%	0.130%
19	17.168	2473	2479	2487	rBV2	2634666	3846216	46.65%	5.507%
20	17.268	2489	2496	2505	rVV	3429063	4885984	59.26%	6.996%
21	17.551	2539	2544	2556	rBV3	48530	88798	1.08%	0.127%
22	18.062	2625	2631	2641	rBV	300878	484620	5.88%	0.694%
23	19.198	2819	2824	2826	rBV	61119	87423	1.06%	0.125%
24	19.339	2843	2848	2856	rBV	172063	262214	3.18%	0.375%
25	19.562	2879	2886	2899	rBV	4896801	6655273	80.72%	9.529%
26	19.698	2904	2909	2918	rVV	182835	248025	3.01%	0.355%
27	19.792	2921	2925	2931	rVB	119251	153865	1.87%	0.220%
28	20.092	2970	2976	2981	rBV2	61456	99572	1.21%	0.143%
29	21.056	3136	3140	3152	rBV	155565	335855	4.07%	0.481%
30	21.350	3184	3190	3199	rVV	5042183	6366290	77.21%	9.115%
31	21.462	3204	3209	3214	rBV	987641	1186154	14.39%	1.698%
32	21.768	3254	3261	3269	rBV	245108	373456	4.53%	0.535%
33	22.915	3452	3456	3462	rVB2	82613	125576	1.52%	0.180%
34	23.474	3543	3551	3563	rBV2	4175772	8245305	100.00%	11.805%

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35	23.621	3567	3576	3585	rBV	3391618	6647888	80.63%	9.518%
36	24.144	3659	3665	3674	rVB	169211	303121	3.68%	0.434%
37	24.897	3787	3793	3803	rVB2	157230	356573	4.32%	0.511%
38	25.779	3938	3943	3954	rVB4	112472	308178	3.74%	0.441%
39	26.821	4114	4120	4129	rVB4	89187	262784	3.19%	0.376%

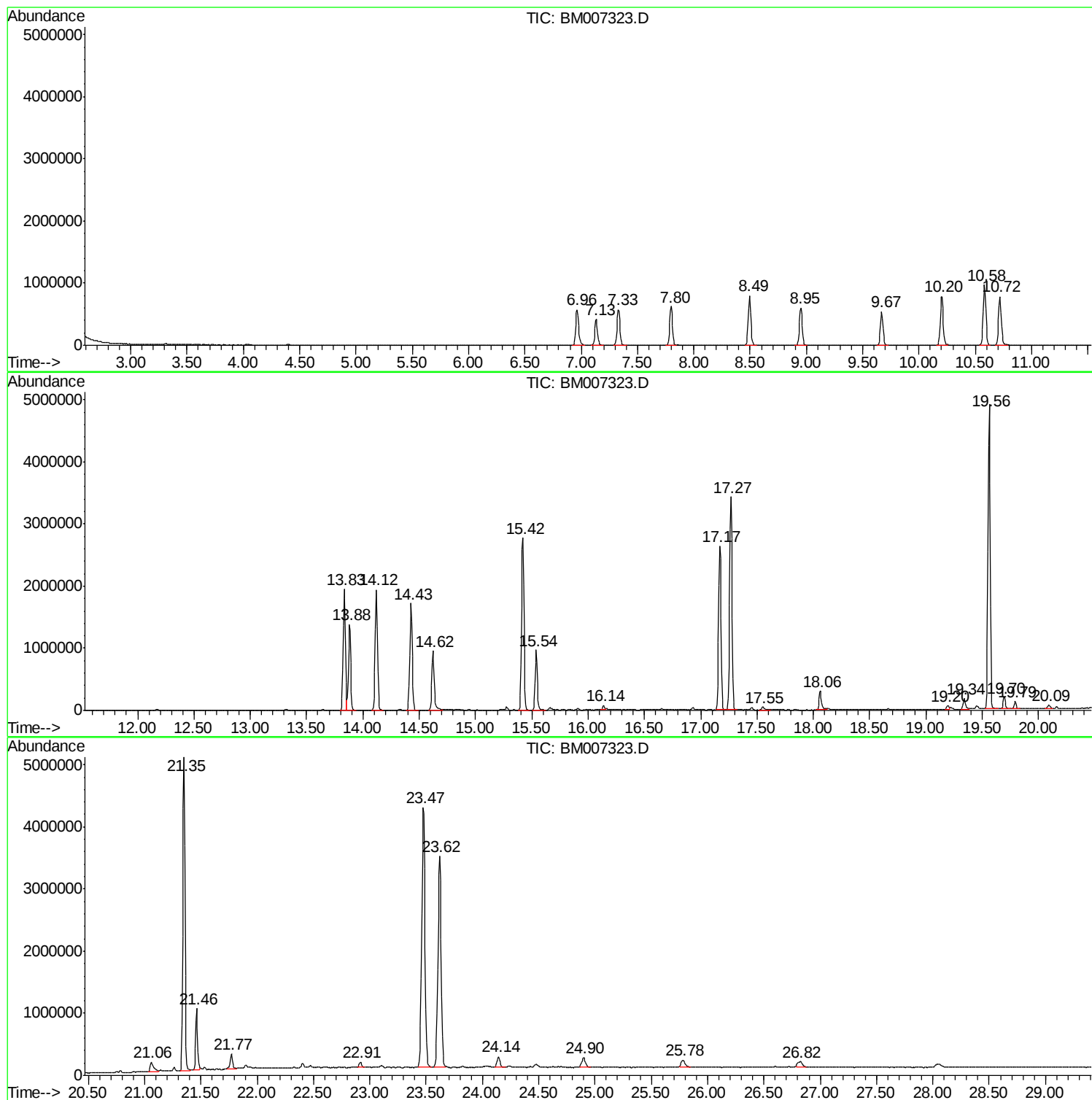
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM082316.M
Quant Title : SVOA CALIBRATION

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



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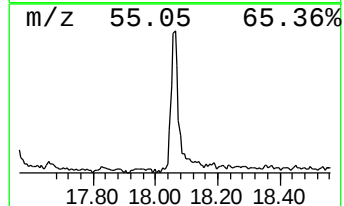
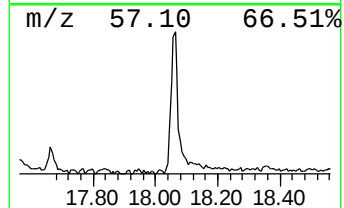
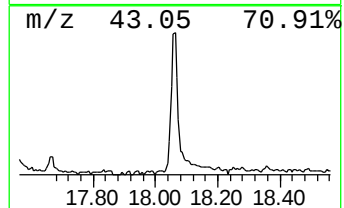
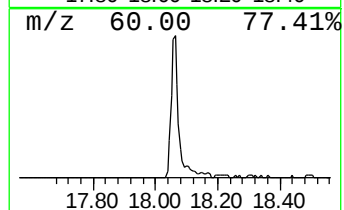
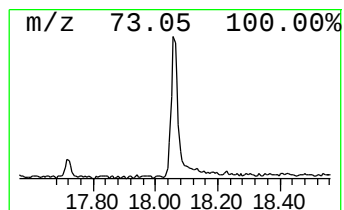
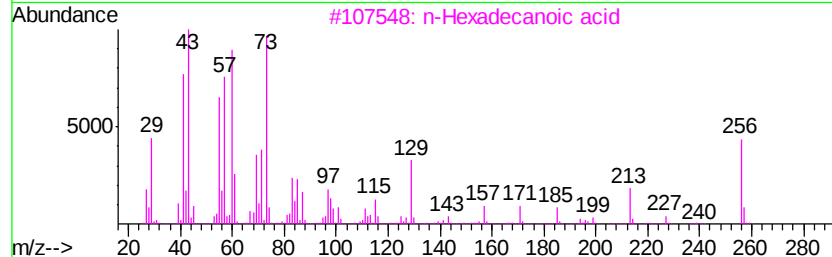
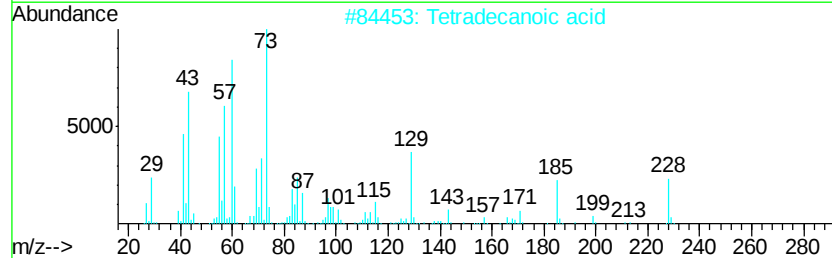
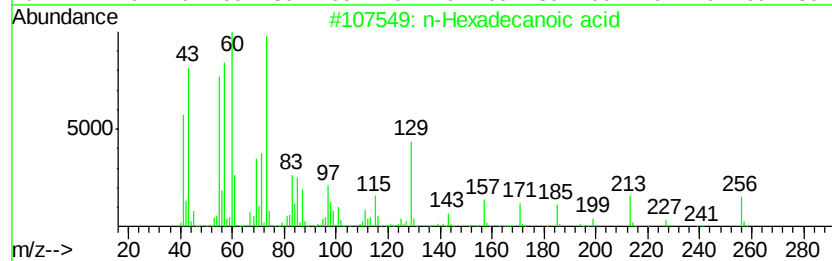
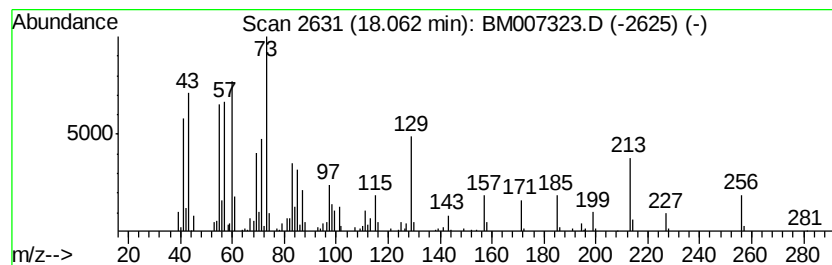
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Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.06	2.52 ng/ul	484620	Phenanthrene-d10	17.17

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2			Tetradecanoic acid	228	C14H28O2	000544-63-8	95
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
4			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
5			Tridecanoic acid	214	C13H26O2	000638-53-9	89



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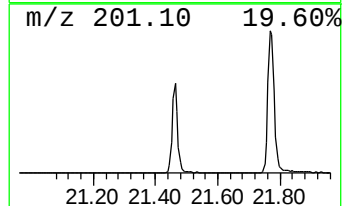
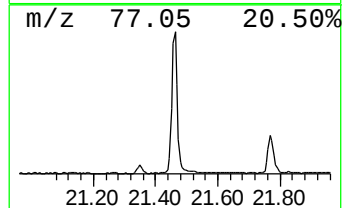
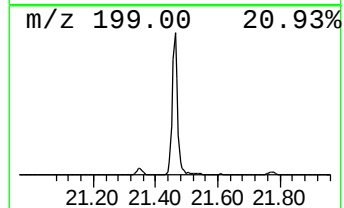
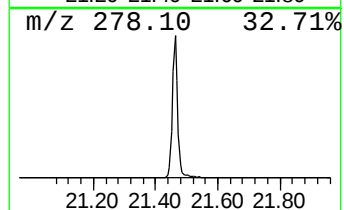
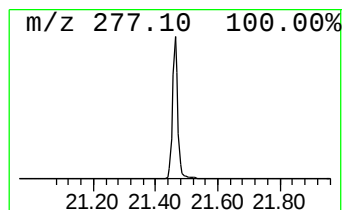
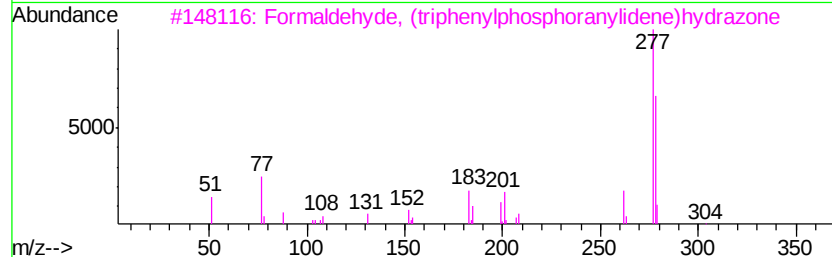
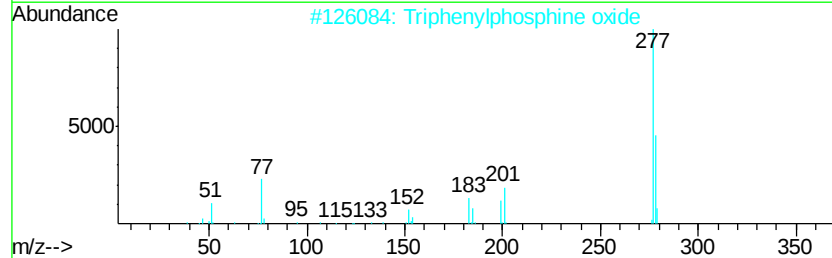
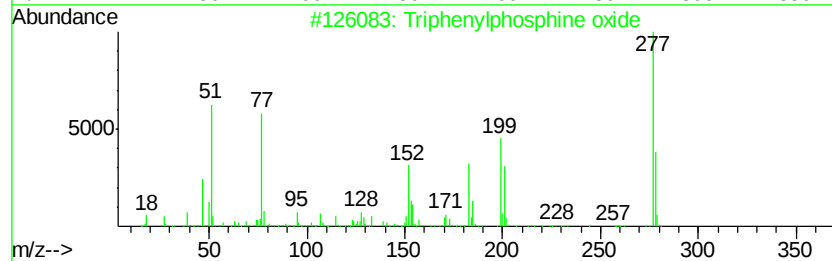
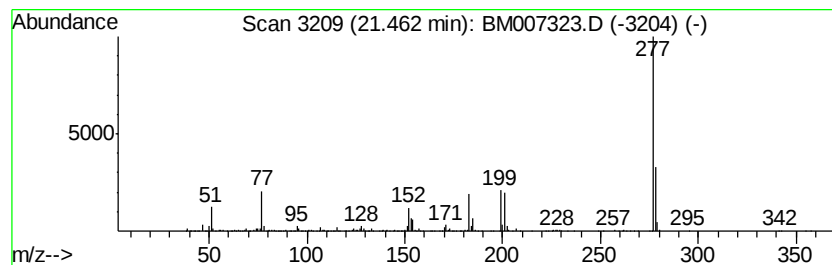
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Peak Number 2 Triphenylphosphine oxide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.46	3.73 ng/ul	1186150	Chrysene-d12	21.35
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Triphenylphosphine oxide	278 C18H150P	000791-28-6 64
2		Triphenylphosphine oxide	278 C18H150P	000791-28-6 53
3		Formaldehyde, (triphenylphosphor...	304 C19H17N2P	015990-54-2 50
4		Triphenylphosphine oxide	278 C18H150P	000791-28-6 43
5		Triphenylphosphine oxide	278 C18H150P	000791-28-6 38



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.06	2.5	ng/ul	484620	4	17.17	3846220	20.0
Triphenylphosphin...	21.46	3.7	ng/ul	1186150	5	21.35	6366290	20.0