

Data Path : Z:\HPCHEM1\BNA M\DATA\BM050716\
 Data File : BM005335.D
 Acq On : 08 May 2016 07:18
 Operator : UM/SJ
 Sample : H2772-06
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BD384

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-BM050516.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	2.940	38	43	57	rVB	81988	165160	5.72%	0.567%
2	6.940	717	723	736	rBV	365358	589124	20.40%	2.021%
3	7.104	745	751	759	rBV	290764	450378	15.59%	1.545%
4	7.304	779	785	795	rBV	360600	590694	20.45%	2.027%
5	7.769	857	864	873	rBV	288643	471167	16.31%	1.617%
6	8.475	978	984	996	rBV	490293	794197	27.50%	2.725%
7	8.928	1054	1061	1074	rBV	360384	604333	20.92%	2.073%
8	9.646	1176	1183	1196	rVB	312414	527497	18.26%	1.810%
9	10.181	1268	1274	1292	rBV	473815	822000	28.46%	2.820%
10	10.557	1331	1338	1350	rBV	454084	783721	27.13%	2.689%
11	10.698	1355	1362	1376	rBV	433352	784718	27.17%	2.692%
12	13.816	1886	1892	1897	rBV	927956	1374476	47.59%	4.716%
13	13.863	1897	1900	1907	rVB	159889	212233	7.35%	0.728%
14	14.104	1934	1941	1954	rBV	1058607	1622593	56.18%	5.567%
15	14.304	1970	1975	1980	rBV	36305	47160	1.63%	0.162%
16	14.410	1987	1993	2005	rVB2	750877	1147341	39.72%	3.936%
17	14.622	2023	2029	2046	rBV	310924	551615	19.10%	1.893%
18	15.257	2132	2137	2143	rVB	51540	62748	2.17%	0.215%
19	15.404	2156	2162	2172	rVB	1407348	2085808	72.21%	7.156%
20	15.533	2178	2184	2194	rVB	416061	587333	20.33%	2.015%
21	15.645	2196	2203	2210	rBV4	26841	51425	1.78%	0.176%
22	16.116	2278	2283	2291	rBV	47531	73642	2.55%	0.253%
23	17.157	2454	2460	2470	rBV2	1004552	1461681	50.61%	5.015%
24	17.257	2471	2477	2487	rVV2	1607280	2350581	81.38%	8.065%
25	18.051	2607	2612	2621	rBV	69532	108575	3.76%	0.373%
26	19.186	2800	2805	2814	rBV	27809	53231	1.84%	0.183%
27	19.557	2861	2868	2873	rBV2	2046265	2888351	100.00%	9.910%
28	20.427	3013	3016	3029	rBV10	17458	41021	1.42%	0.141%
29	21.045	3117	3121	3134	rBV	289138	457066	15.82%	1.568%
30	21.351	3167	3173	3184	rBV	1367509	1884499	65.24%	6.466%
31	22.392	3346	3350	3356	rBV	58270	77779	2.69%	0.267%
32	22.521	3367	3372	3378	rVB	222235	291162	10.08%	0.999%
33	22.903	3433	3437	3443	rVB	46249	65916	2.28%	0.226%
34	23.474	3527	3534	3545	rBV2	1370576	2732801	94.61%	9.376%

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35	23.621	3551	3559	3573	rVB	851856	1692438	58.60%	5.807%
36	24.121	3639	3644	3651	rVB	72939	141174	4.89%	0.484%
37	24.215	3655	3660	3672	rBV3	41724	102595	3.55%	0.352%
38	24.874	3766	3772	3780	rBV	70736	162086	5.61%	0.556%
39	25.756	3916	3922	3931	rVB2	51172	125451	4.34%	0.430%
40	26.786	4091	4097	4106	rVB	41617	110636	3.83%	0.380%

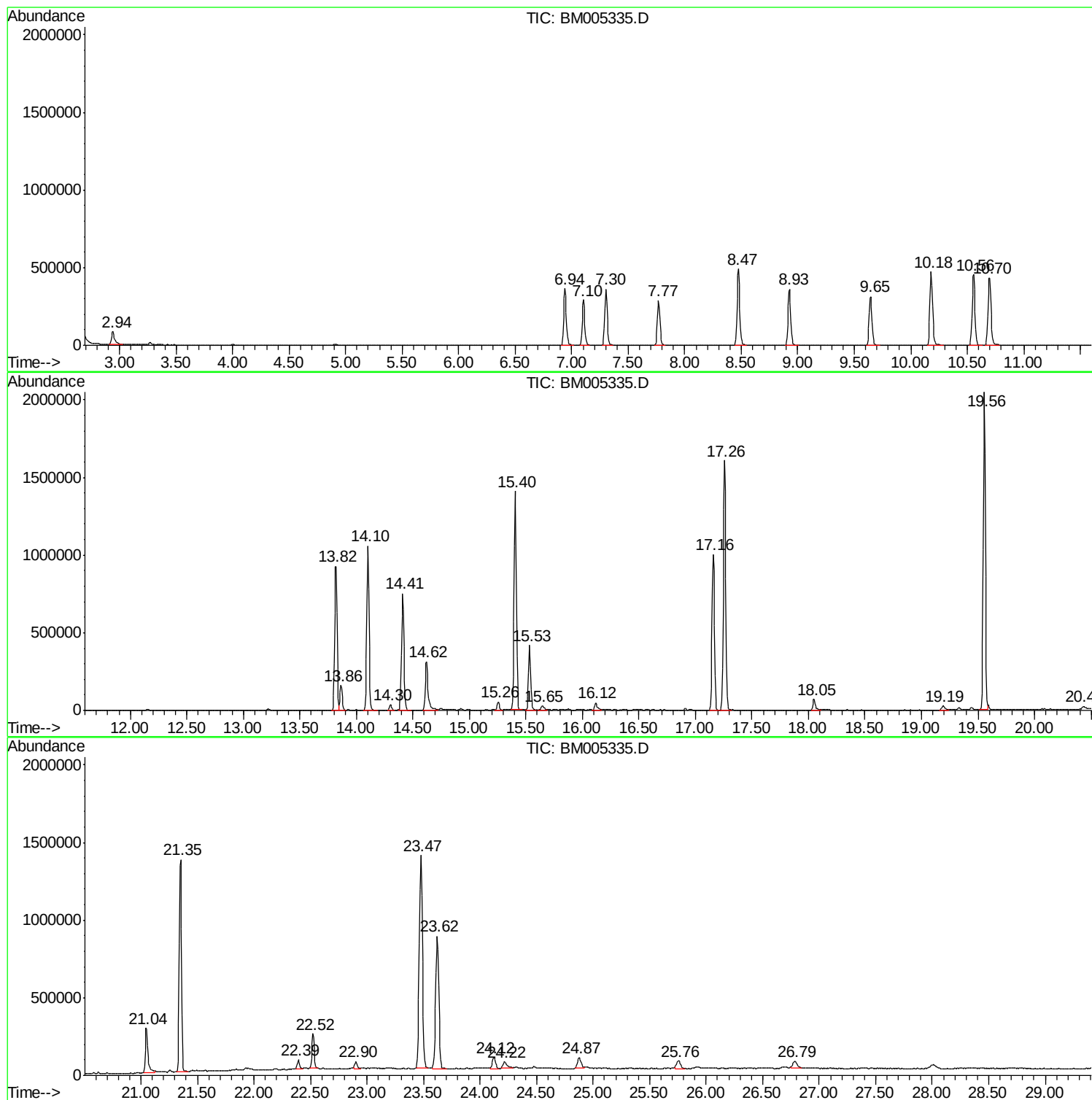
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM050516.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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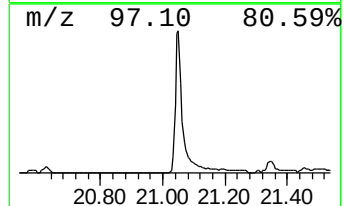
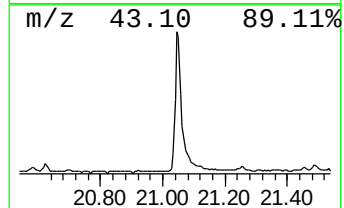
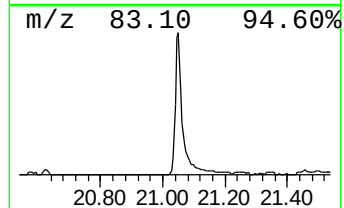
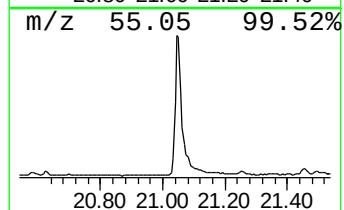
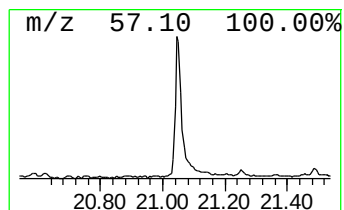
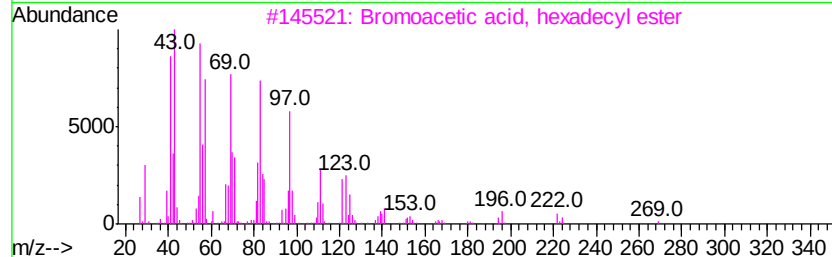
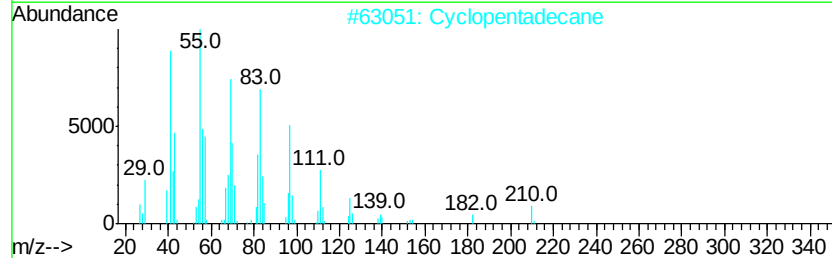
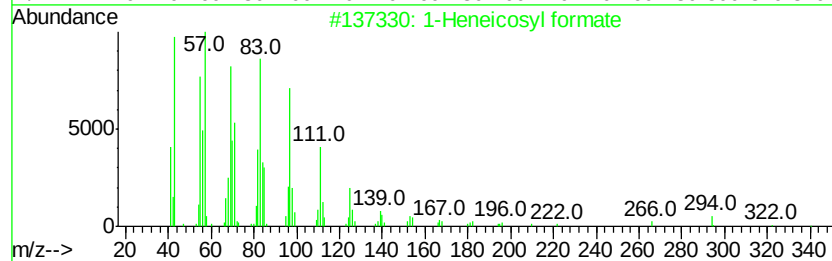
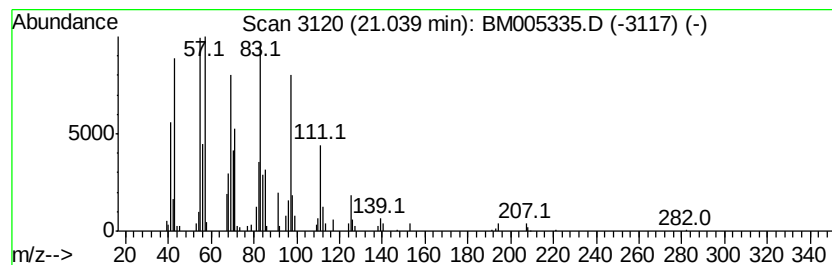
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Peak Number 2 1-Heneicosyl formate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.04	4.85 ng/ul	457066	Chrysene-d12	21.35

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosyl formate		340	C22H44O2	077899-03-7	95
2	Cyclopentadecane		210	C15H30	000295-48-7	94
3	Bromoacetic acid, hexadecyl ester		362	C18H35BrO2	005454-48-8	94
4	Bromoacetic acid, octadecyl ester		390	C20H39BrO2	018992-03-5	91
5	3-Eicosene, (E)-		280	C20H40	074685-33-9	91



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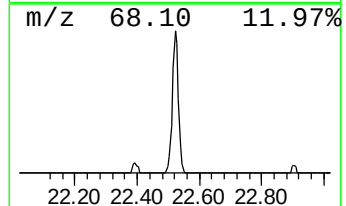
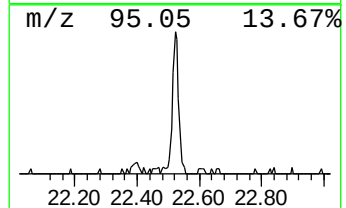
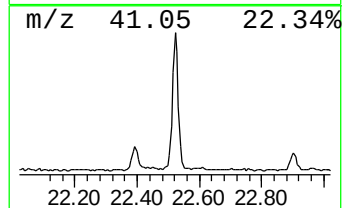
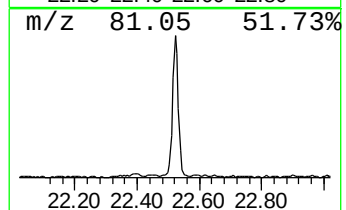
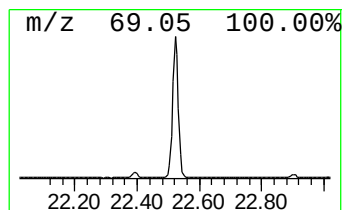
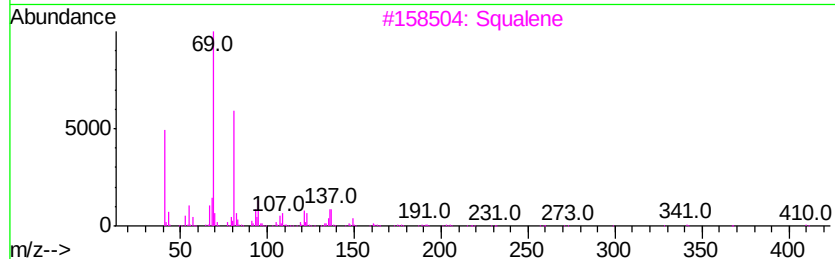
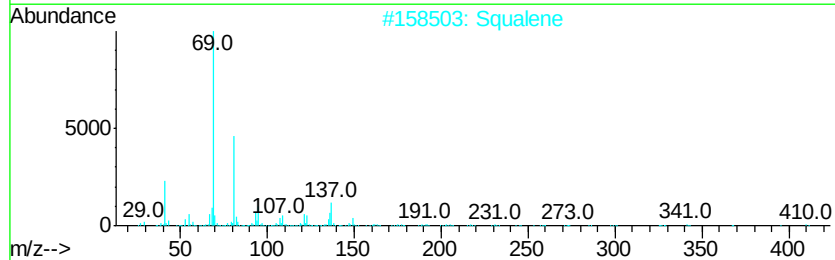
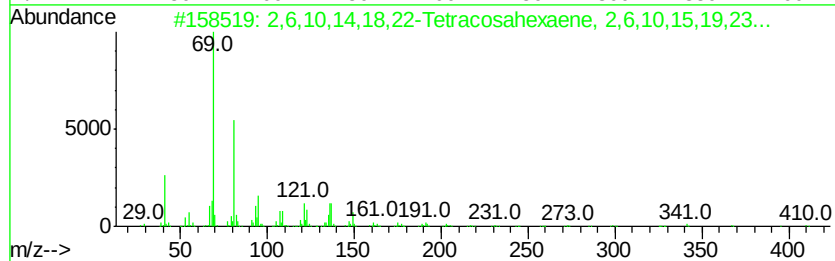
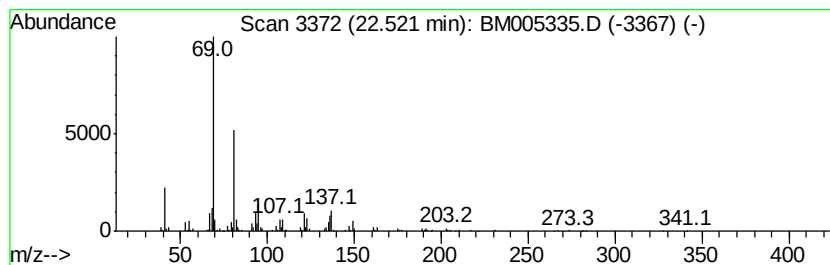
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Peak Number 3 2,6,10,14,18,22-Tetracosah... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.52	3.44 ng/ul	291162	Perylene-d12	23.62

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	91		
2	Squalene	410	C30H50	007683-64-9	91		
3	Squalene	410	C30H50	007683-64-9	91		
4	2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	91		
5	2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	90		



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
1-Heneicosyl formate	21.04	4.8	ng/ul	457066	5	21.35	1884500	20.0
2,6,10,14,18,22-T...	22.52	3.4	ng/ul	291162	6	23.62	1692440	20.0