

Data Path : Z:\HPCHEM1\BNA M\DATA\BM071416\
 Data File : BM006437.D
 Acq On : 15 Jul 2016 11:08
 Operator : UM/SJ
 Sample : H3990-13
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BDJ66

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	3.404	136	139	150	rBV	36785	59511	1.25%	0.125%
2	6.798	708	716	733	rBV	718389	1207049	25.43%	2.528%
3	6.957	737	743	755	rBV	486909	800707	16.87%	1.677%
4	7.151	769	776	790	rBV	699358	1173445	24.73%	2.457%
5	7.616	848	855	865	rBV	604442	1008284	21.25%	2.112%
6	8.328	963	976	985	rBV	818766	1403848	29.58%	2.940%
7	8.775	1045	1052	1066	rBV	665419	1139948	24.02%	2.387%
8	9.486	1167	1173	1185	rBV	572227	1001258	21.10%	2.097%
9	10.022	1258	1264	1277	rBV	770022	1400071	29.50%	2.932%
10	10.398	1321	1328	1344	rBV	764030	1373319	28.94%	2.876%
11	10.539	1345	1352	1374	rVB	693178	1265858	26.67%	2.651%
12	13.680	1880	1886	1891	rBV	1284166	1976178	41.64%	4.139%
13	13.727	1891	1894	1907	rVB	532146	788506	16.62%	1.651%
14	13.963	1923	1934	1944	rBV	1406751	2323612	48.96%	4.866%
15	14.268	1979	1986	1994	rBV2	1075784	1773026	37.36%	3.713%
16	14.486	2017	2023	2039	rBV	667359	1128052	23.77%	2.362%
17	15.268	2149	2156	2164	rBV	1835122	2830433	59.64%	5.928%
18	15.398	2173	2178	2192	rBV	696693	1042037	21.96%	2.182%
19	15.992	2275	2279	2287	rBV	33335	66574	1.40%	0.139%
20	16.786	2410	2414	2420	rBV2	95878	152094	3.20%	0.319%
21	17.021	2448	2454	2460	rBV	1448535	2225013	46.88%	4.660%
22	17.121	2464	2471	2481	rVB2	1993022	3195315	67.33%	6.692%
23	17.409	2512	2520	2532	rVV5	54192	137548	2.90%	0.288%
24	17.521	2535	2539	2547	rVB	59653	87390	1.84%	0.183%
25	19.086	2801	2805	2812	rVB	118064	162471	3.42%	0.340%
26	19.356	2847	2851	2855	rVV3	46398	58492	1.23%	0.122%
27	19.421	2855	2862	2876	rVV	2621303	4052043	85.38%	8.486%
28	19.944	2942	2951	2960	rBV	37006	81365	1.71%	0.170%
29	20.933	3115	3119	3130	rBV3	115758	223130	4.70%	0.467%
30	21.215	3160	3167	3172	rVV	2408364	3250042	68.48%	6.806%
31	21.250	3172	3173	3180	rVB	94184	104068	2.19%	0.218%
32	21.374	3190	3194	3198	rBV4	36722	49732	1.05%	0.104%
33	22.250	3339	3343	3347	rBV	66841	85133	1.79%	0.178%
34	22.374	3359	3364	3374	rVB	439614	612423	12.90%	1.283%

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35	22.750	3423	3428	3443	rVB2	134411	367576	7.75%	0.770%
36	23.280	3510	3518	3531	rVB2	2213076	4745733	100.00%	9.939%
37	23.415	3534	3541	3554	rVB	1697804	3259083	68.67%	6.825%
38	23.915	3622	3626	3637	rVB	149983	298139	6.28%	0.624%
39	24.644	3744	3750	3759	rVB2	155183	344764	7.26%	0.722%
40	25.485	3888	3893	3903	rVB	108070	259509	5.47%	0.543%
41	26.468	4056	4060	4072	rVB4	84540	237892	5.01%	0.498%

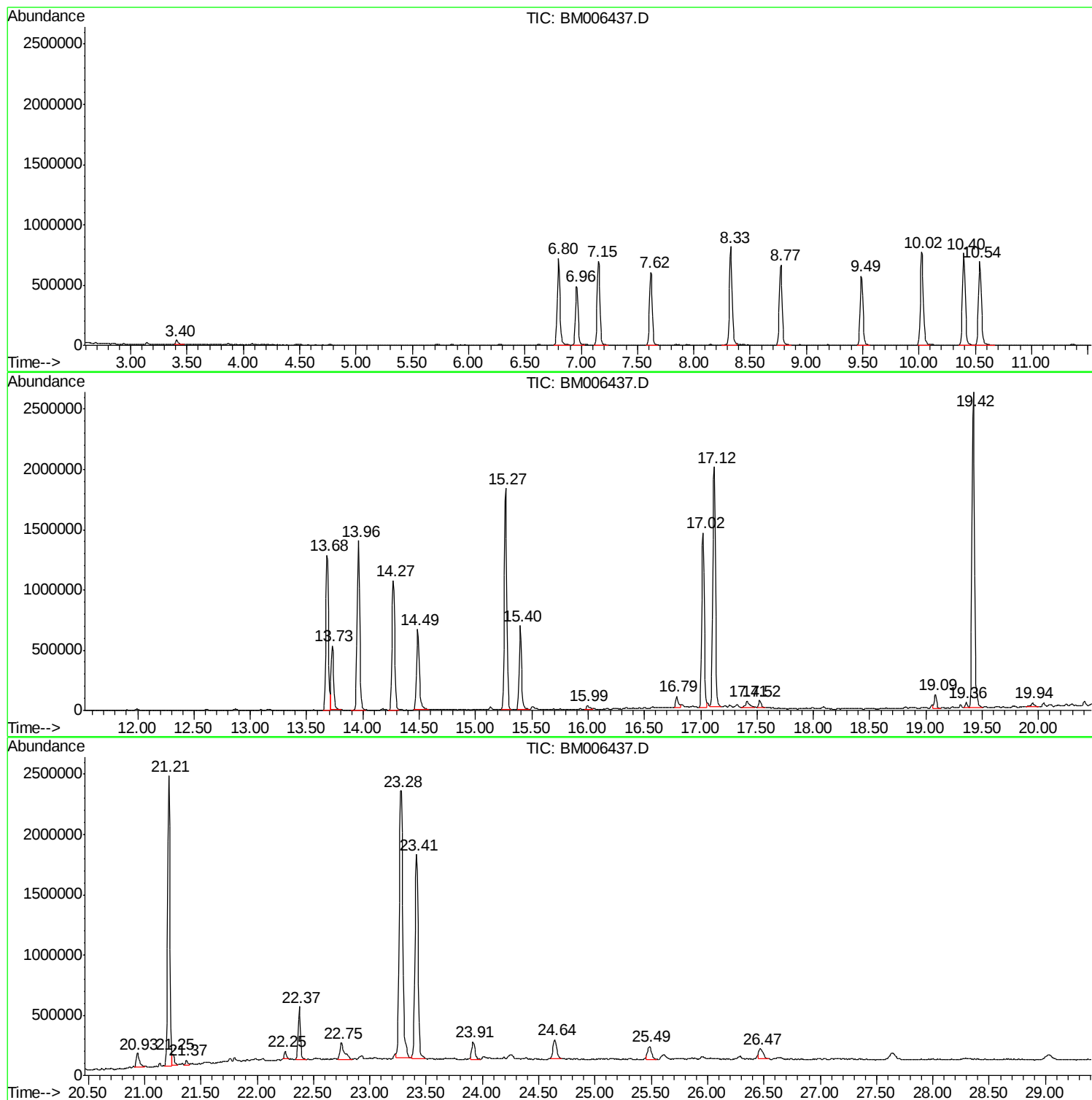
Sum of corrected areas: 47750671

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

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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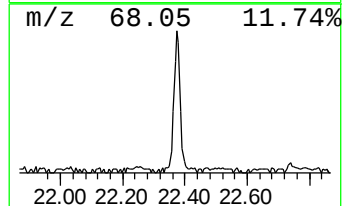
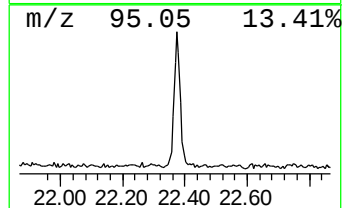
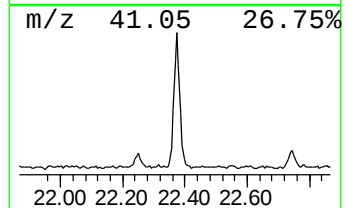
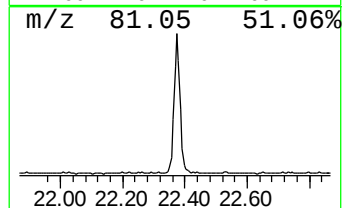
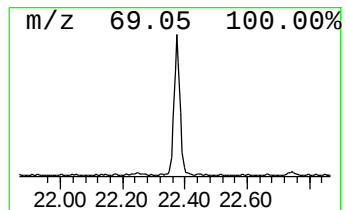
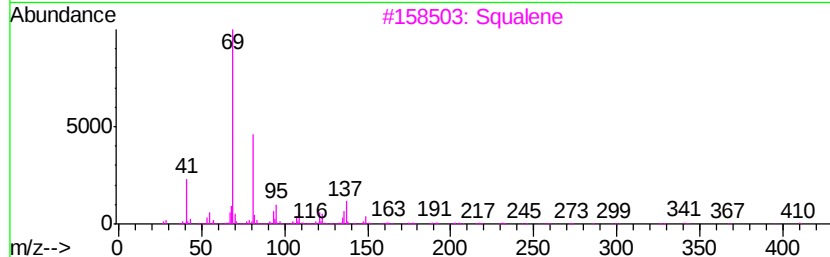
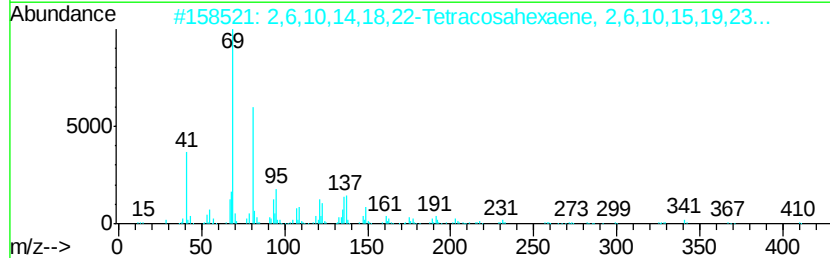
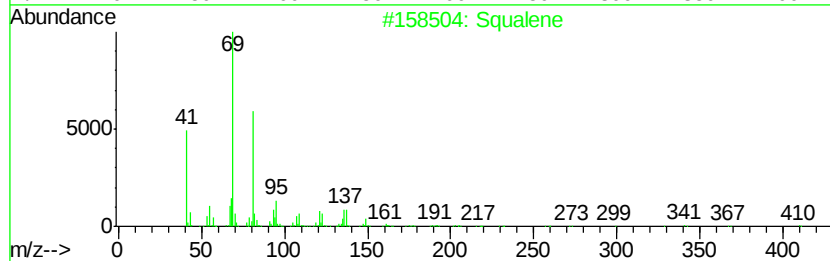
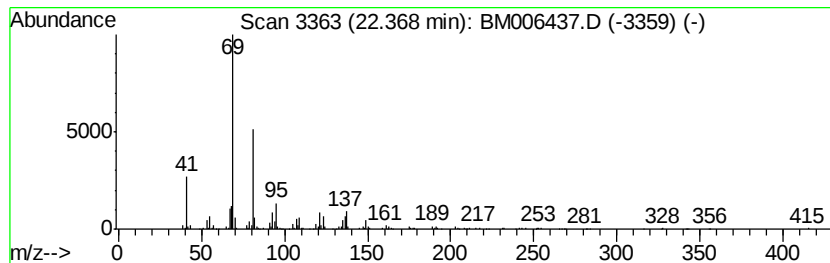
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Peak Number 1 Squalene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.37	3.76 ng/ul	612423	Perylene-d12	23.41
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Squalene		410 C30H50	007683-64-9 91
2	2,6,10,14,18,22-Tetracosahexaene...		410 C30H50	000111-02-4 91
3	Squalene		410 C30H50	007683-64-9 87
4	2,6,10,14,18,22-Tetracosahexaene...		410 C30H50	000111-02-4 87
5	Docosa-2,6,10,14,18-pentaen-22-a...		384 C27H44O	1000163-04-7 78



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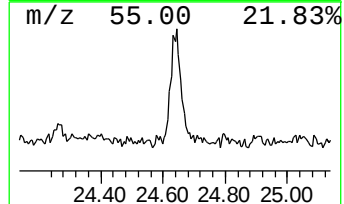
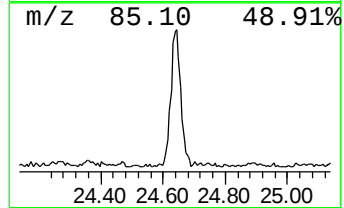
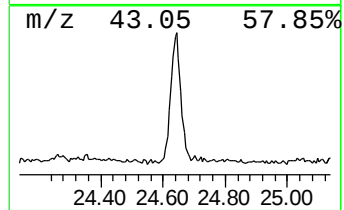
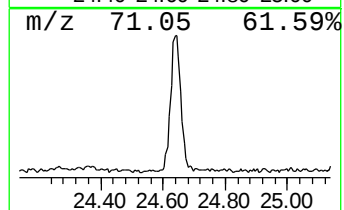
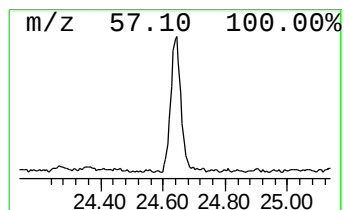
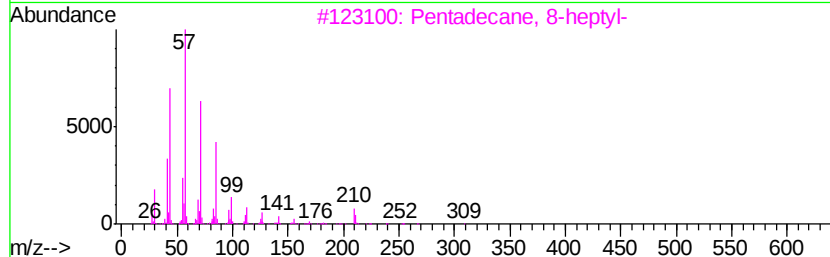
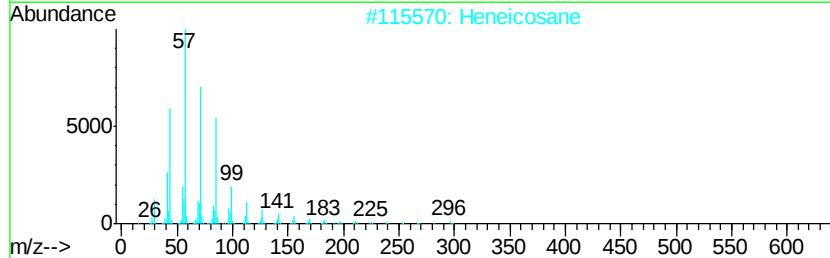
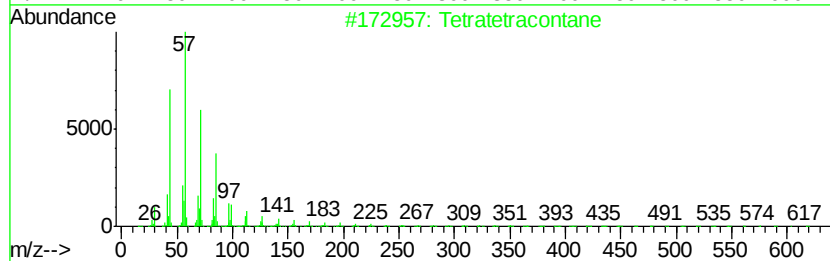
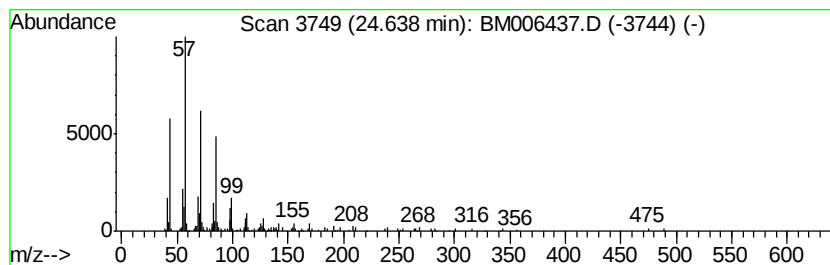
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Peak Number 3 (DEL) Alkane: Straight-Chain Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.64	2.12 ng/ul	344764	Perylene-d12	23.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetratetracontane	619	C44H90	007098-22-8	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
4		Nonacosane	408	C29H60	000630-03-5	87
5		Hexatriacontane	507	C36H74	000630-06-8	87



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Squalene	22.37	3.8	ng/ul	612423	6	23.41	3259080	20.0
(DEL) Alkane: Str...	24.64	2.1	ng/ul	344764	6	23.41	3259080	20.0