

Data Path : Z:\HPCHEM1\BNA M\DATA\BM071416\
 Data File : BM006429.D
 Acq On : 15 Jul 2016 06:16
 Operator : UM/SJ
 Sample : H3990-20
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BDJ71

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	3.399	135	138	148	rBV	66277	102667	1.76%	0.186%
2	6.798	709	716	734	rBV	879795	1446124	24.75%	2.620%
3	6.957	737	743	757	rBV	601061	962899	16.48%	1.745%
4	7.151	770	776	787	rBV	835147	1382288	23.66%	2.504%
5	7.616	849	855	864	rBV	658587	1098059	18.80%	1.989%
6	8.328	968	976	994	rBV	1010713	1696256	29.04%	3.073%
7	8.775	1043	1052	1070	rBV	799457	1388677	23.77%	2.516%
8	9.486	1166	1173	1186	rBV	707404	1225956	20.99%	2.221%
9	10.022	1257	1264	1279	rBV	951155	1711036	29.29%	3.100%
10	10.398	1321	1328	1340	rBV	889129	1533873	26.26%	2.779%
11	10.539	1345	1352	1371	rBV	873538	1624468	27.81%	2.943%
12	13.686	1880	1887	1891	rBV	1625970	2504373	42.87%	4.537%
13	13.727	1891	1894	1909	rVB	549226	839319	14.37%	1.521%
14	13.963	1925	1934	1945	rBV	1793806	2881530	49.33%	5.221%
15	14.268	1979	1986	1999	rVB2	1216154	1967382	33.68%	3.564%
16	14.486	2017	2023	2041	rBV	1004603	1596185	27.32%	2.892%
17	15.268	2149	2156	2168	rBV	2268163	3581537	61.31%	6.489%
18	15.398	2173	2178	2189	rBV	1011326	1449300	24.81%	2.626%
19	15.998	2275	2280	2287	rBV2	39192	73084	1.25%	0.132%
20	16.786	2410	2414	2420	rBV2	108834	164971	2.82%	0.299%
21	17.021	2448	2454	2462	rBV	1605119	2450335	41.94%	4.439%
22	17.121	2464	2471	2482	rVB2	2584639	4085657	69.94%	7.402%
23	19.421	2856	2862	2870	rBV2	3237455	4891356	83.73%	8.862%
24	20.939	3115	3120	3130	rBV	177539	369723	6.33%	0.670%
25	21.221	3162	3168	3173	rBV	2419447	3291153	56.34%	5.963%
26	22.250	3340	3343	3348	rBV3	46380	63435	1.09%	0.115%
27	22.380	3360	3365	3371	rBV	399183	556119	9.52%	1.008%
28	22.744	3423	3427	3433	rBV	92427	136862	2.34%	0.248%
29	23.280	3510	3518	3530	rBV2	2783200	5841787	100.00%	10.584%
30	23.421	3534	3542	3553	rVB	1718963	3468739	59.38%	6.284%
31	23.921	3622	3627	3636	rVB2	125346	237106	4.06%	0.430%
32	24.644	3743	3750	3759	rBV2	138010	344227	5.89%	0.624%
33	25.485	3888	3893	3904	rVB4	89285	228937	3.92%	0.415%

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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

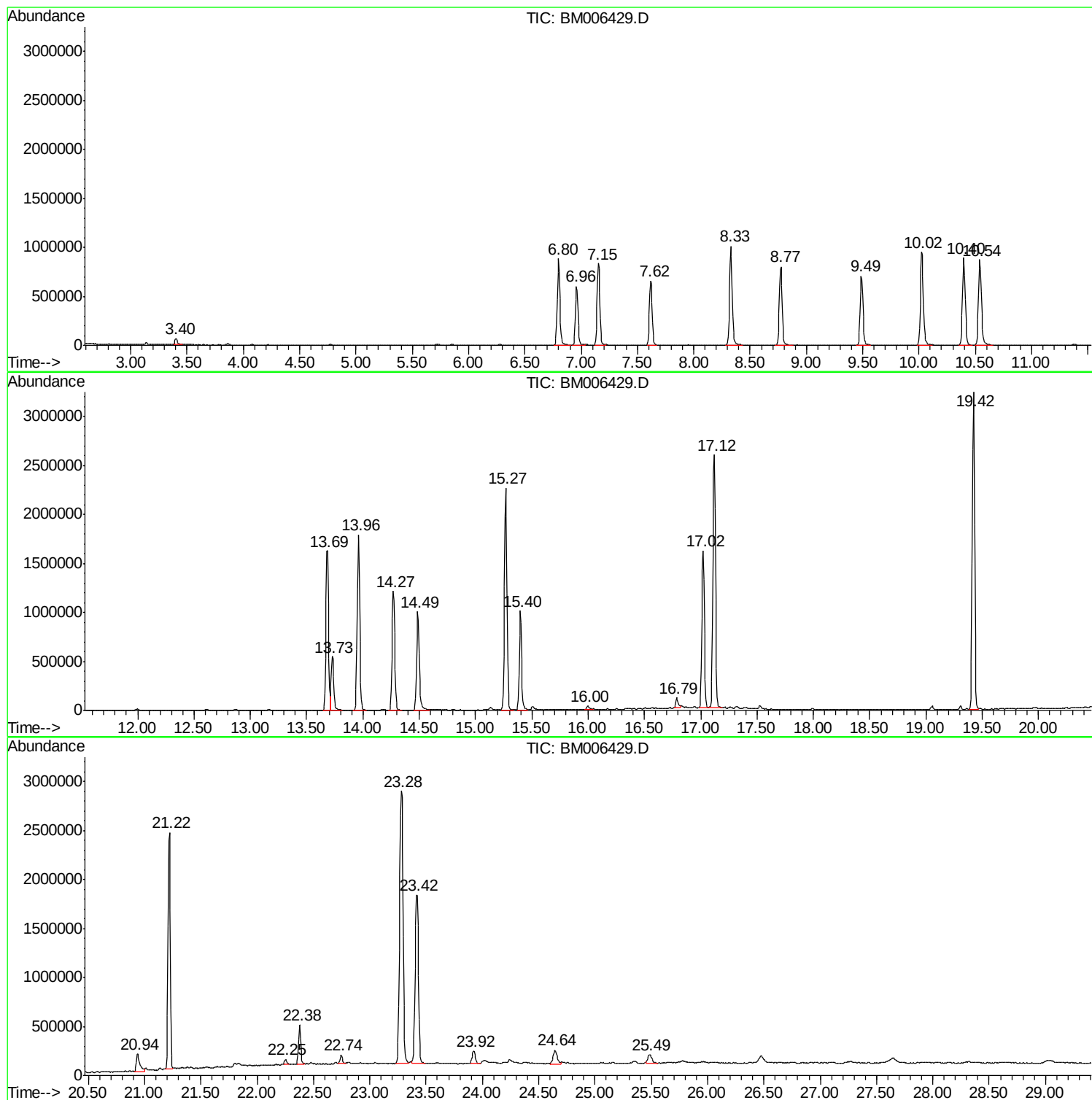
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BNA_M
ClientSampled :
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM071416.M
Quant Title : SVOA CALIBRATION

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



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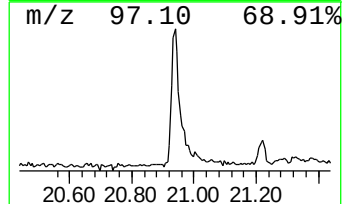
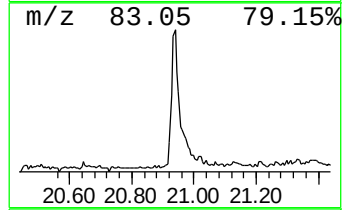
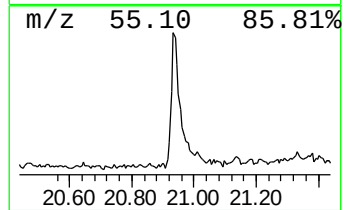
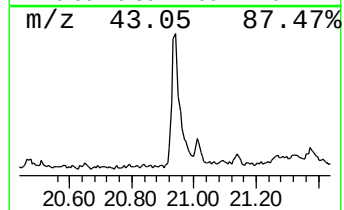
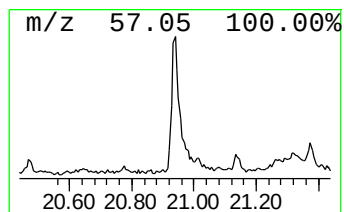
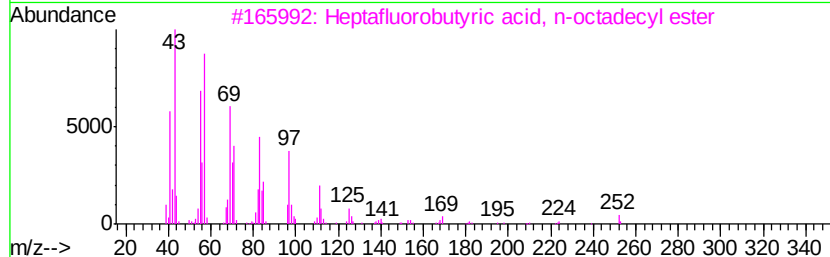
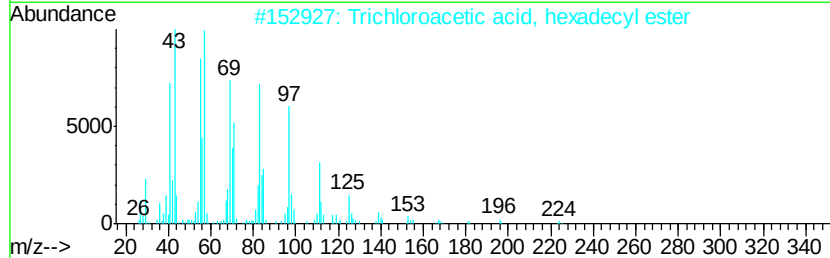
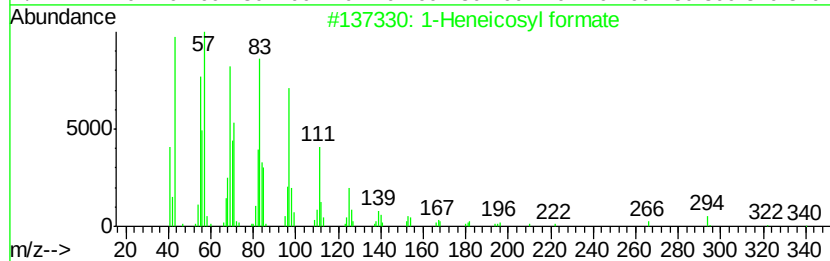
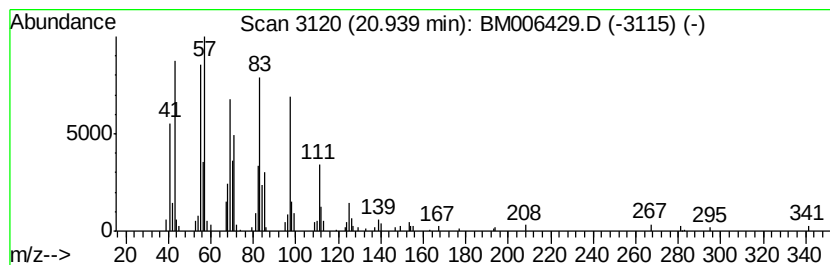
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 1 1-Heneicosyl formate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.94	2.25 ng/ul	369723	Chrysene-d12	21.22	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosyl formate	340	C22H44O2	077899-03-7	91
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
3	Heptafluorobutyric acid, n-octadec...	466	C22H37F7O2	000400-57-7	91
4	2-Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	91
5	1-Docosene	308	C22H44	001599-67-3	91



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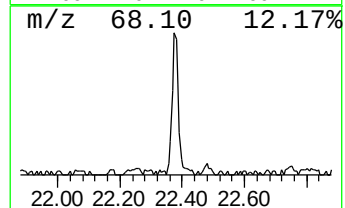
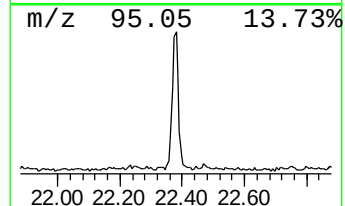
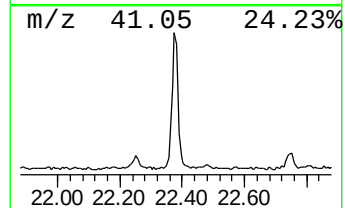
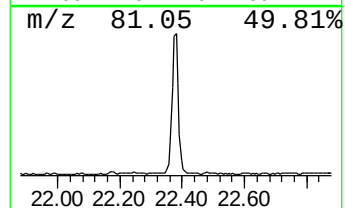
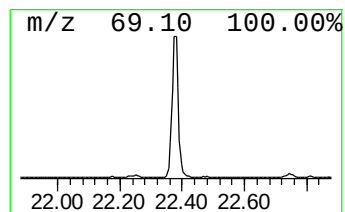
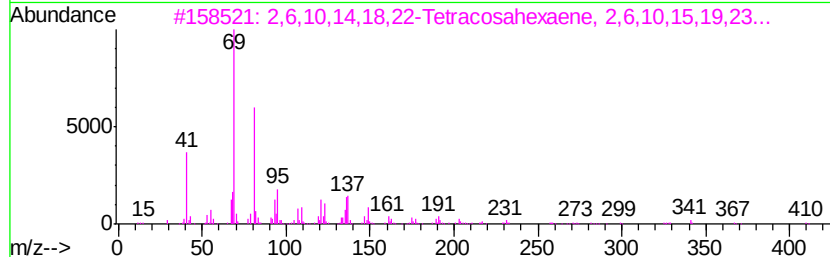
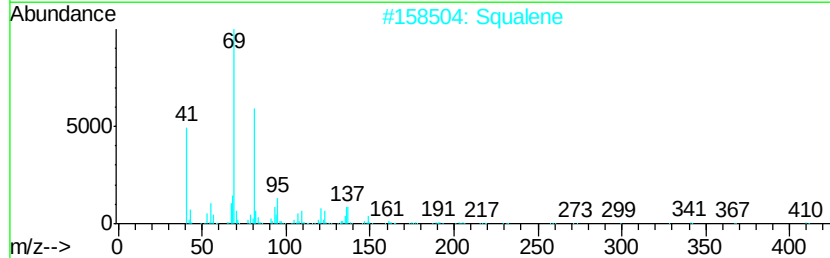
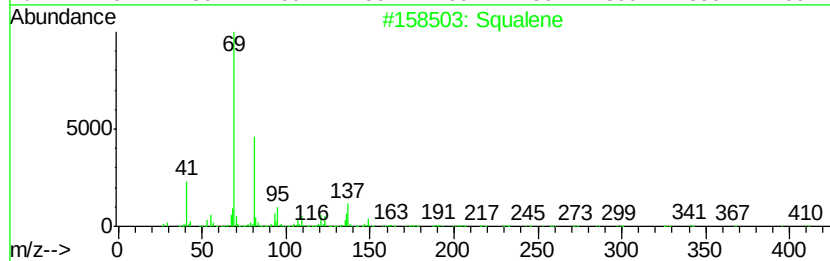
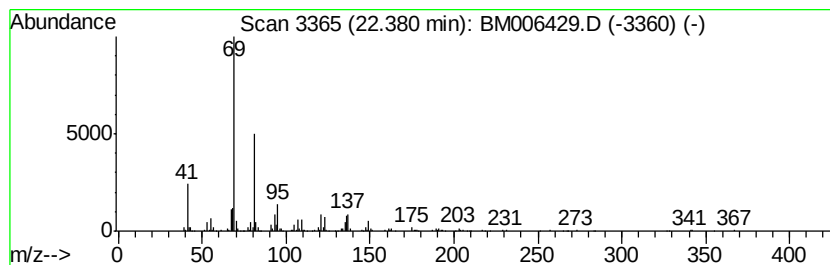
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Peak Number 2 Squalene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.38	3.21 ng/ul	556119	Perylene-d12	23.42
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Squalene	410 C30H50	007683-64-9	91
2	Squalene	410 C30H50	007683-64-9	91
3	2,6,10,14,18,22-Tetracosahexaene...	410 C30H50	000111-02-4	91
4	2,6,10,14,18,22-Tetracosahexaene...	410 C30H50	000111-02-4	91
5	.psi.,.psi.-Carotene, 7,7',8,8',...	547 C40H66	000502-62-5	83



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
1-Heneicosyl formate	20.94	2.3	ng/ul	369723	5	21.22	3291150	20.0
Squalene	22.38	3.2	ng/ul	556119	6	23.42	3468740	20.0