

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042816\
 Data File : BM005130.D
 Acq On : 29 Apr 2016 01:05
 Operator : UM/SJ
 Sample : H2639-15
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BC7K2

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-BM042516.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	2.957	41	46	63	rVB	89074	161552	13.21%	1.281%
2	6.957	720	726	737	rBB	150052	235900	19.28%	1.870%
3	7.122	748	754	762	rBB	123488	187338	15.31%	1.485%
4	7.322	782	788	796	rBB	151401	234579	19.18%	1.860%
5	7.786	862	867	875	rBB	144890	231129	18.89%	1.832%
6	8.492	981	987	998	rBB	210059	327195	26.75%	2.594%
7	8.945	1058	1064	1075	rBB	146439	239753	19.60%	1.901%
8	9.663	1180	1186	1194	rBB	126828	204173	16.69%	1.619%
9	10.198	1271	1277	1287	rBV	207373	335015	27.39%	2.656%
10	10.575	1334	1341	1347	rBV	226500	387251	31.66%	3.070%
11	10.627	1347	1350	1358	rVB	37441	55048	4.50%	0.436%
12	10.716	1358	1365	1386	rBB	240777	410697	33.57%	3.256%
13	12.239	1619	1624	1630	rBB	20316	30201	2.47%	0.239%
14	13.833	1887	1895	1900	rBV	408524	589267	48.17%	4.672%
15	13.880	1900	1903	1909	rVB	117128	155284	12.69%	1.231%
16	14.121	1937	1944	1958	rBV	460482	679522	55.55%	5.387%
17	14.321	1973	1978	1983	rVB	20610	26447	2.16%	0.210%
18	14.427	1987	1996	2003	rVV2	373532	572260	46.78%	4.537%
19	14.492	2003	2007	2012	rVB	20517	27938	2.28%	0.221%
20	14.633	2026	2031	2044	rBV	171997	267480	21.86%	2.121%
21	14.827	2059	2064	2070	rBV	19794	28572	2.34%	0.227%
22	15.274	2135	2140	2145	rVB	36741	44949	3.67%	0.356%
23	15.421	2159	2165	2171	rBV	609059	892207	72.93%	7.073%
24	15.474	2171	2174	2179	rVB	18833	26465	2.16%	0.210%
25	15.545	2179	2186	2195	rVB	169778	227505	18.60%	1.804%
26	15.662	2198	2206	2208	rBV2	12201	21129	1.73%	0.168%
27	16.133	2282	2286	2295	rBV	39475	64160	5.24%	0.509%
28	16.927	2416	2421	2425	rBV	20522	25058	2.05%	0.199%
29	16.980	2425	2430	2438	rVB4	6323	16260	1.33%	0.129%
30	17.174	2457	2463	2468	rBV2	497316	718337	58.72%	5.695%
31	17.215	2468	2470	2475	rVV	85657	108160	8.84%	0.858%
32	17.274	2475	2480	2489	rVB	688924	992237	81.11%	7.867%
33	18.062	2607	2614	2618	rBV2	27348	37109	3.03%	0.294%
34	19.233	2809	2813	2820	rVB	51996	67472	5.52%	0.535%

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35	19.574	2864	2871	2884	rVB	821267	1223347	100.00%	9.699%
36	20.103	2952	2961	2965	rBV2	19299	26299	2.15%	0.209%
37	20.603	3041	3046	3051	rBV	33270	37185	3.04%	0.295%
38	21.068	3120	3125	3135	rBV	73042	98848	8.08%	0.784%
39	21.362	3169	3175	3180	rBV	594916	765774	62.60%	6.071%
40	21.503	3195	3199	3205	rVB	27096	30539	2.50%	0.242%
41	21.944	3270	3274	3281	rVB	12831	16741	1.37%	0.133%
42	22.409	3350	3353	3357	rVB	13909	17312	1.42%	0.137%
43	22.544	3371	3376	3384	rVB	144916	191551	15.66%	1.519%
44	22.921	3437	3440	3445	rBV	13426	18484	1.51%	0.147%
45	23.497	3530	3538	3547	rBV2	479403	877353	71.72%	6.956%
46	23.644	3555	3563	3573	rVB2	311010	603068	49.30%	4.781%
47	24.156	3645	3650	3657	rVB2	20051	39271	3.21%	0.311%
48	24.909	3773	3778	3787	rBV2	17942	39964	3.27%	0.317%

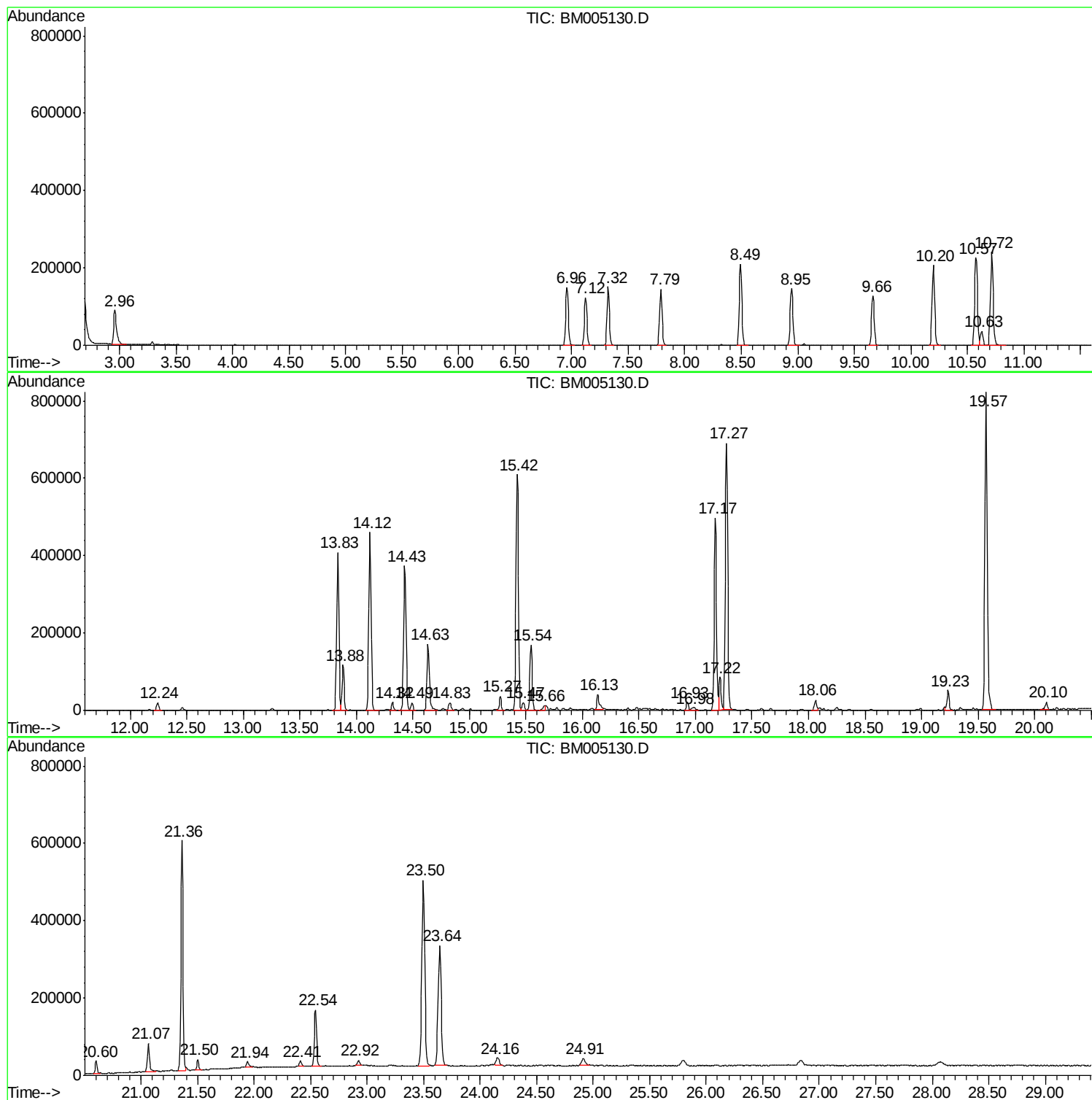
Sum of corrected areas: 12613385

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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM042516.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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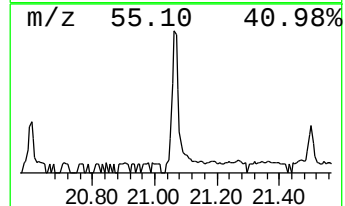
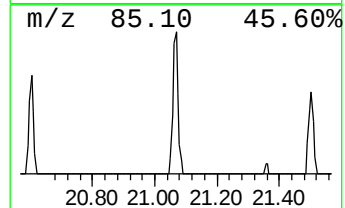
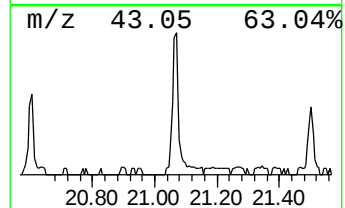
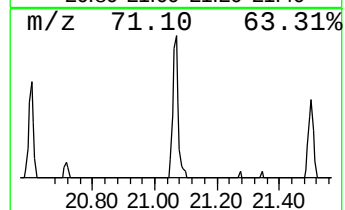
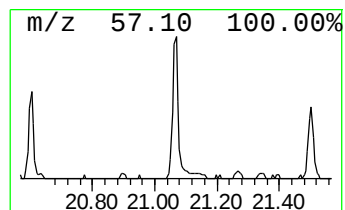
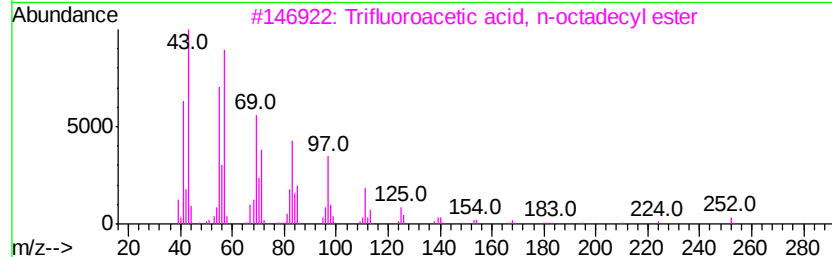
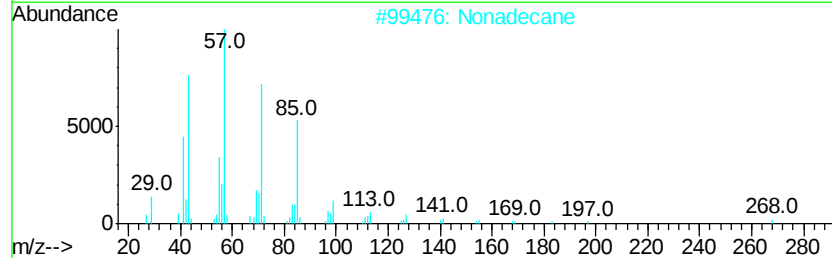
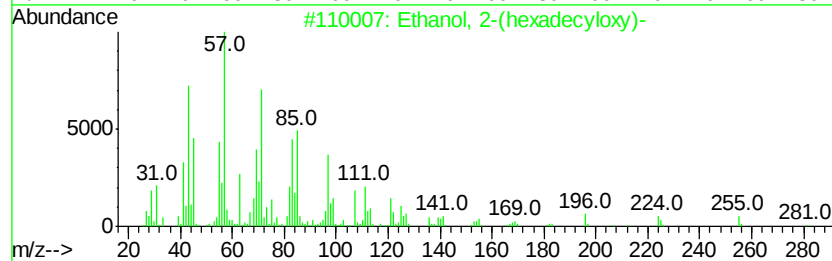
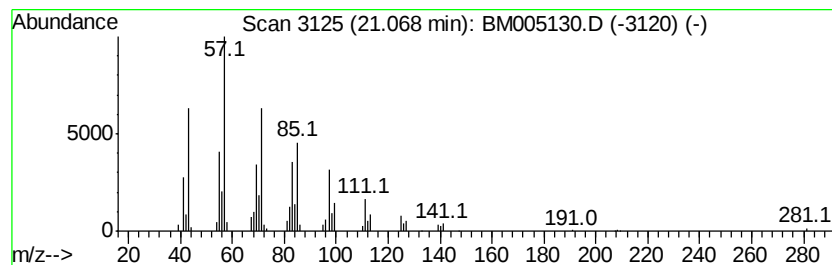
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Peak Number 2 Ethanol, 2-(hexadecyloxy)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.07	2.58 ng/ul	98848	Chrysene-d12	21.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanol, 2-(hexadecyloxy)-	286	C18H38O2	002136-71-2	80
2		Nonadecane	268	C19H40	000629-92-5	72
3		Trifluoroacetic acid, n-octadecyl...	366	C20H37F3O2	079392-43-1	64
4		Pentadecane	212	C15H32	000629-62-9	64
5		Heptafluorobutyric acid, n-octadecyl...	466	C22H37F7O2	000400-57-7	58



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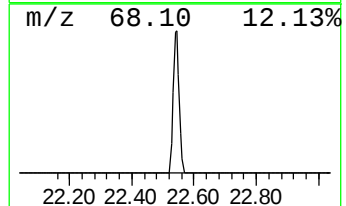
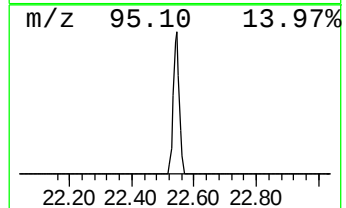
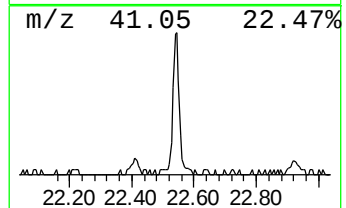
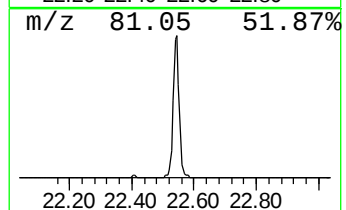
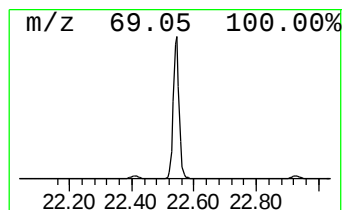
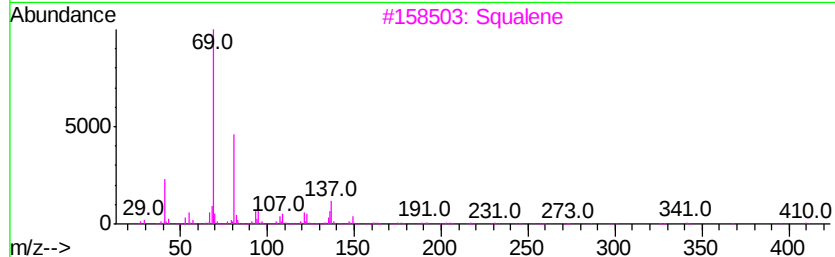
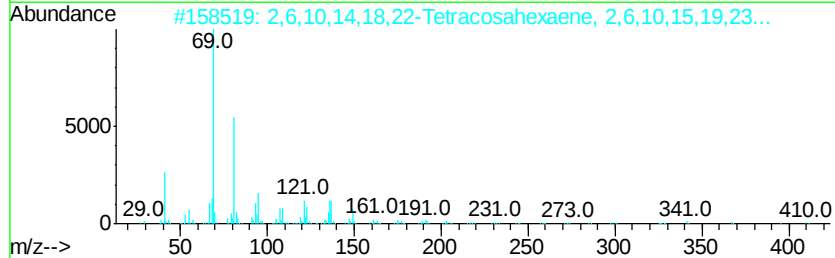
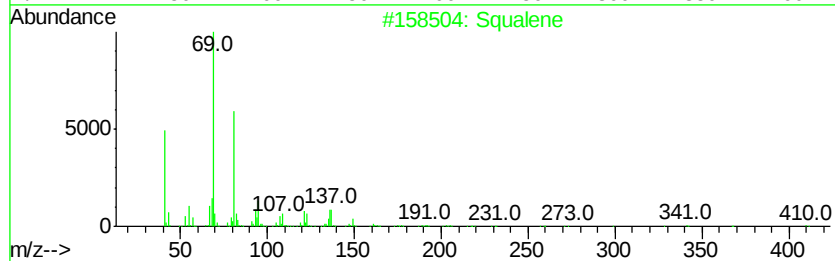
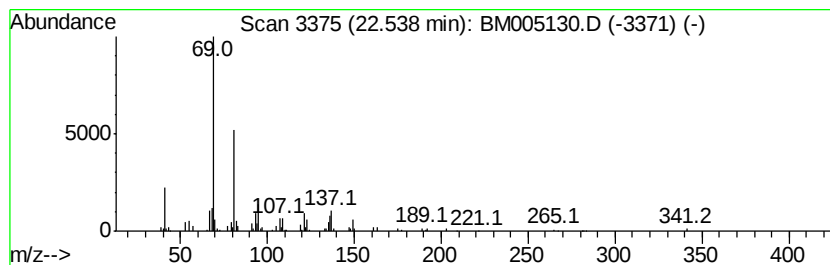
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Peak Number 3 Squalene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.54	6.35 ng/ul	191551	Perylene-d12	23.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	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	91
4		2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	90
5		Docosa-2,6,10,14,18-pentaen-22-a...	384	C27H44O	1000163-04-7	83



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Ethanol, 2-(hexad...	21.07	2.6	ng/ul	98848	5	21.36	765774	20.0
Squalene	22.54	6.3	ng/ul	191551	6	23.64	603068	20.0