

Data Path : Z:\HPCHEM1\BNA M\DATA\BM013118\
 Data File : BM014038.D
 Acq On : 31 Jan 2018 17:30
 Operator : SJ/JU
 Sample : J1314-08
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6C45

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\SOM-EPA-BM013118.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	6.751	634	640	655	rBV	383511	735426	22.97%	2.220%
2	6.910	662	667	674	rBV	297764	455079	14.22%	1.374%
3	7.098	690	699	714	rBV	441668	740281	23.13%	2.235%
4	7.563	772	778	790	rBV	393914	679153	21.22%	2.050%
5	8.275	893	899	915	rBV	459916	867317	27.10%	2.618%
6	8.722	967	975	988	rBV	420662	782882	24.46%	2.363%
7	9.433	1090	1096	1106	rBV2	382609	707532	22.10%	2.136%
8	9.975	1181	1188	1204	rBV	485462	968869	30.27%	2.925%
9	10.333	1240	1249	1257	rBV	563988	939256	29.34%	2.835%
10	10.492	1269	1276	1294	rBV	389937	873351	27.28%	2.636%
11	13.639	1803	1811	1815	rBV	1105117	1586568	49.56%	4.789%
12	13.686	1815	1819	1827	rVB	408393	635326	19.85%	1.918%
13	13.904	1850	1856	1871	rBV	1181233	1826801	57.07%	5.514%
14	14.215	1903	1909	1918	rBV2	845808	1271996	39.74%	3.840%
15	14.462	1945	1951	1971	rBV2	226531	613821	19.18%	1.853%
16	15.027	2042	2047	2052	rBV3	29805	45914	1.43%	0.139%
17	15.080	2052	2056	2062	rVB3	35979	53564	1.67%	0.162%
18	15.221	2073	2080	2087	rBV	1505951	2266416	70.80%	6.841%
19	15.368	2098	2105	2117	rBV	373974	679740	21.24%	2.052%
20	15.592	2137	2143	2149	rBV2	79443	122634	3.83%	0.370%
21	15.945	2199	2203	2211	rBV2	45993	75528	2.36%	0.228%
22	16.739	2335	2338	2341	rBV3	31350	40979	1.28%	0.124%
23	16.974	2372	2378	2388	rBV2	1151011	1593339	49.78%	4.810%
24	17.074	2388	2395	2406	rBV	1648644	2485636	77.65%	7.503%
25	17.480	2461	2464	2468	rBV3	26261	34743	1.09%	0.105%
26	17.880	2528	2532	2545	rBV2	270702	472960	14.78%	1.428%
27	18.168	2577	2581	2586	rBV4	29252	36959	1.15%	0.112%
28	18.839	2692	2695	2699	rVB5	40027	44266	1.38%	0.134%
29	19.021	2723	2726	2729	rBV3	36223	53572	1.67%	0.162%
30	19.174	2745	2752	2759	rBV3	164860	308624	9.64%	0.932%
31	19.262	2764	2767	2773	rVB2	20402	37299	1.17%	0.113%
32	19.380	2779	2787	2794	rBV	2167968	3012233	94.10%	9.093%
33	19.439	2795	2797	2803	rVB6	34149	45400	1.42%	0.137%
34	20.897	3041	3045	3056	rVB	377584	577940	18.05%	1.745%

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35	21.180	3088	3093	3102	rBV	1506925	2060109	64.36%	6.219%
36	23.227	3434	3441	3453	rVB2	1730721	3201010	100.00%	9.662%
37	23.362	3458	3464	3472	rVV	978264	1836262	57.37%	5.543%
38	23.956	3560	3565	3576	rBV	90193	209810	6.55%	0.633%
39	24.568	3667	3669	3677	rVB6	82863	150089	4.69%	0.453%

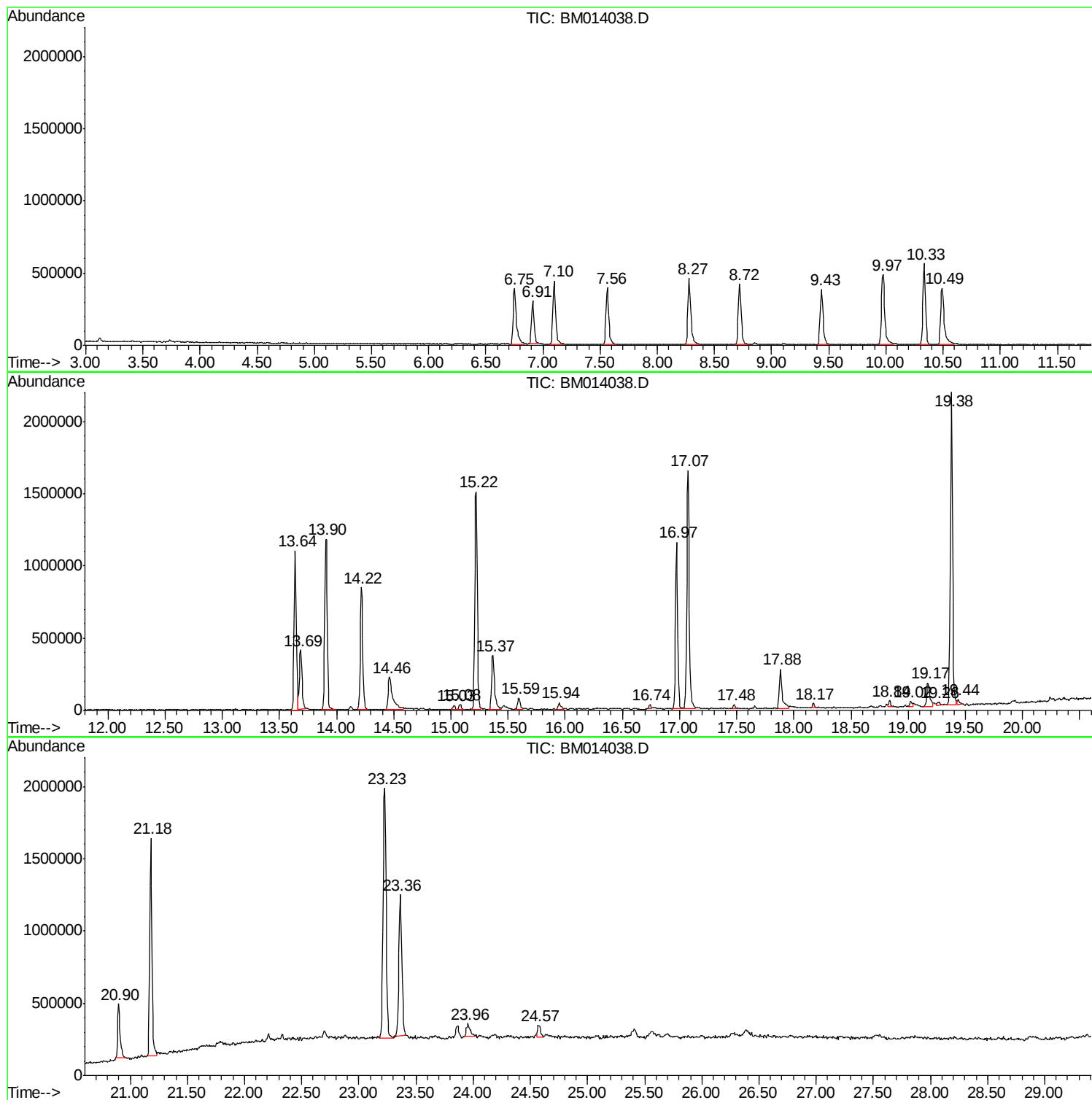
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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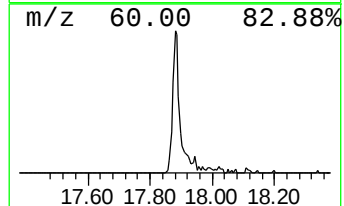
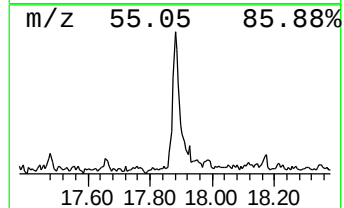
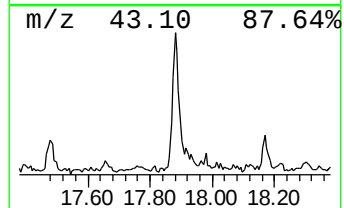
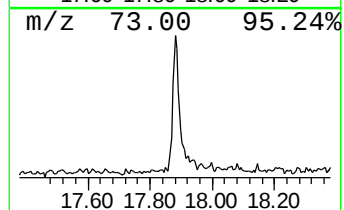
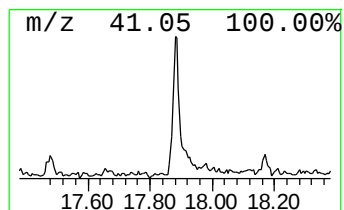
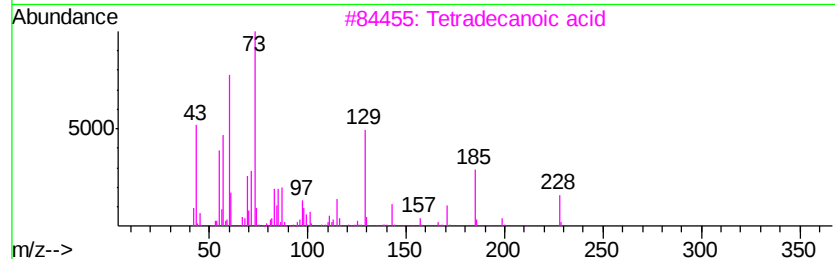
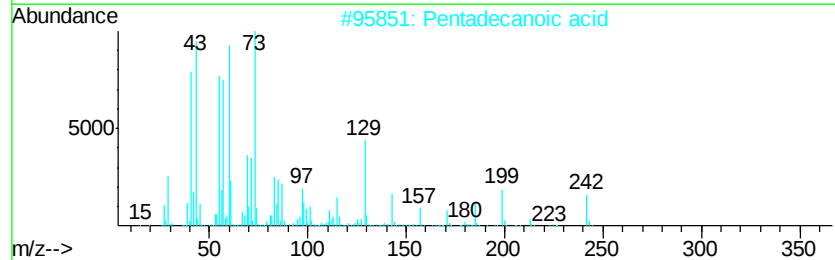
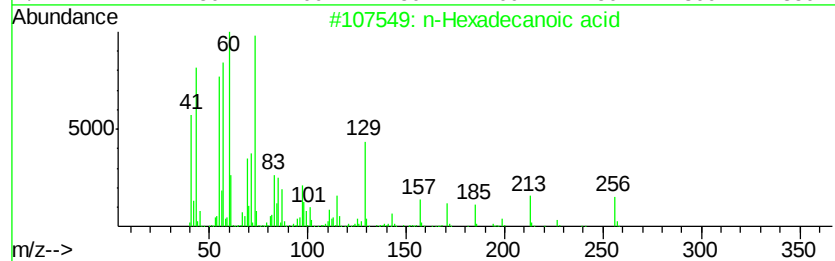
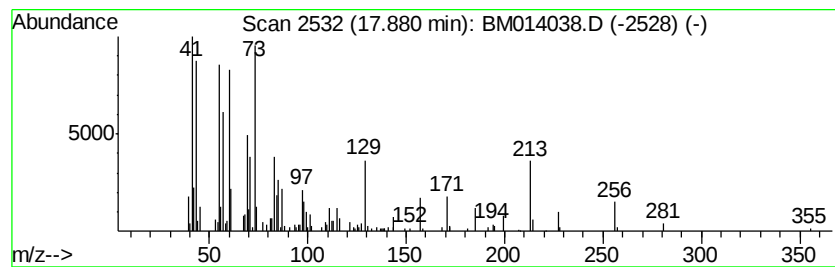
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TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.
17.88	5.94 ng/ul	472960	Phenanthrene-d10		16.97

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	83
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	70
4			Tridecanoic acid	214	C13H26O2	000638-53-9	70
5			Octadecanoic acid	284	C18H36O2	000057-11-4	64



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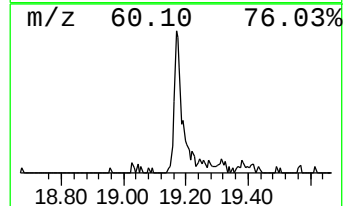
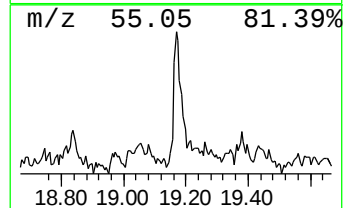
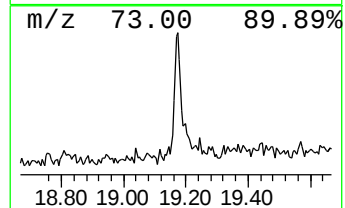
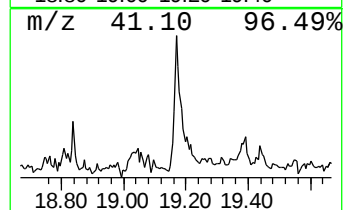
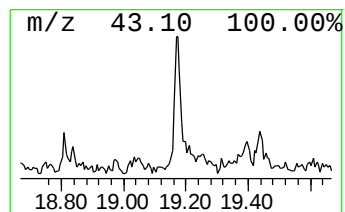
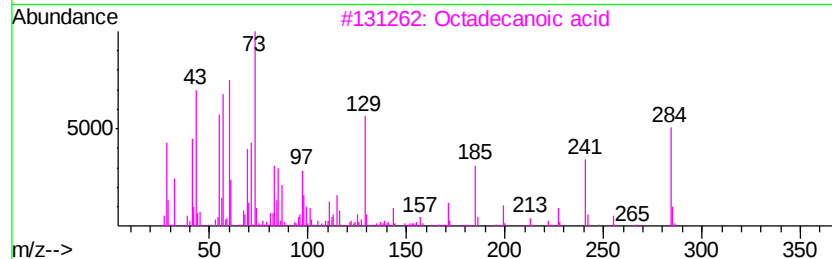
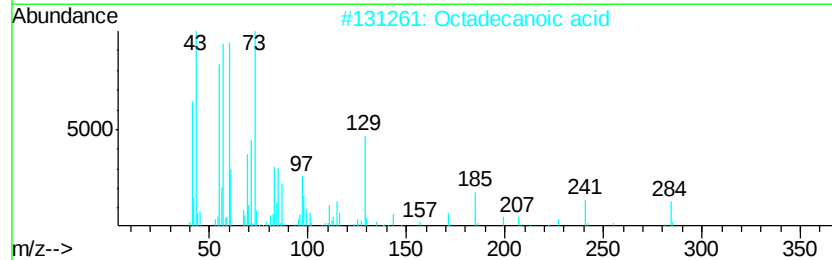
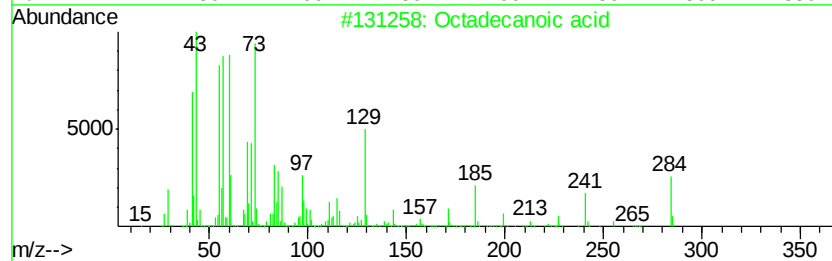
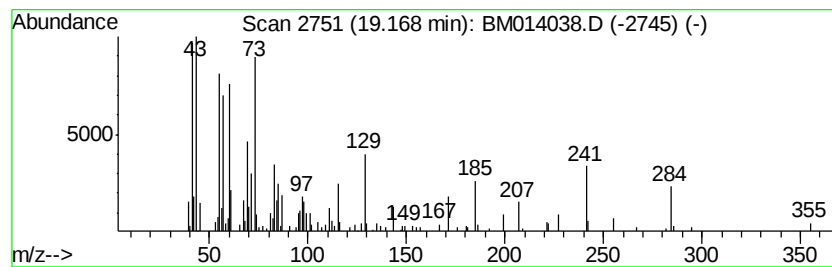
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Peak Number 2 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.17	3.00 ng/ul	308624	Chrysene-d12	21.18

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Octadecanoic acid	284	C18H36O2	000057-11-4	98
3		Octadecanoic acid	284	C18H36O2	000057-11-4	97
4		Octadecanoic acid	284	C18H36O2	000057-11-4	93
5		Octadecanoic acid	284	C18H36O2	000057-11-4	58



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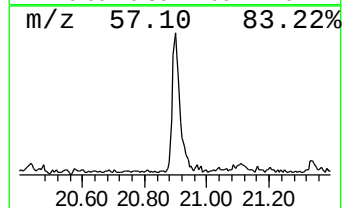
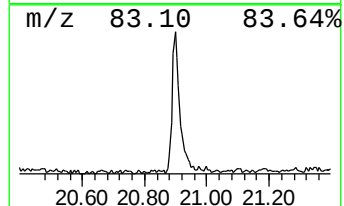
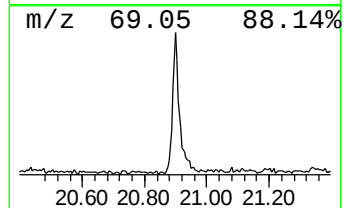
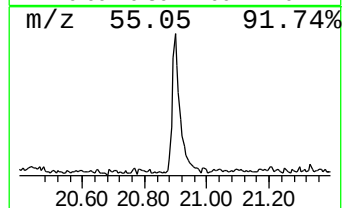
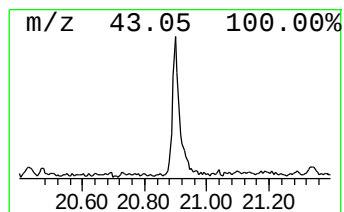
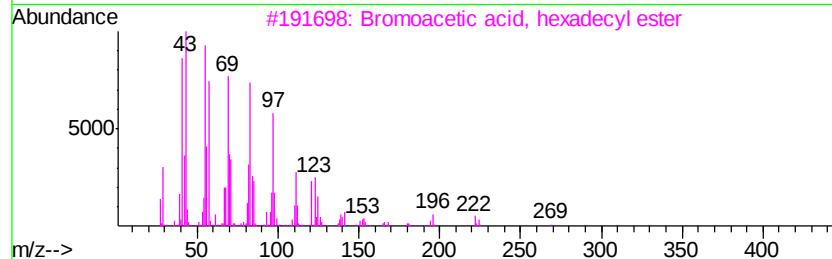
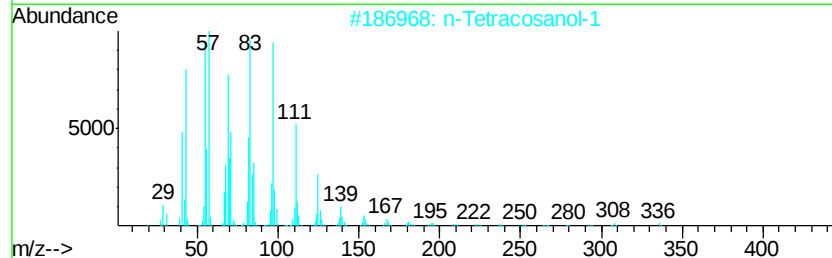
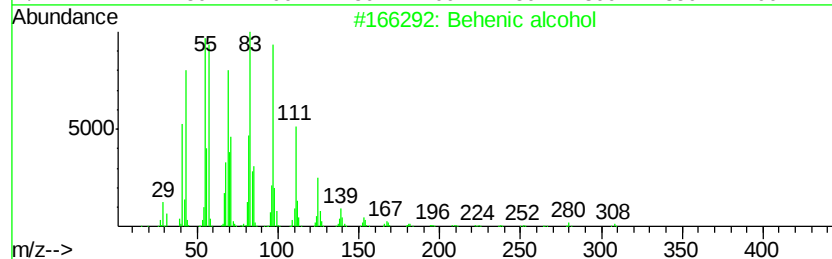
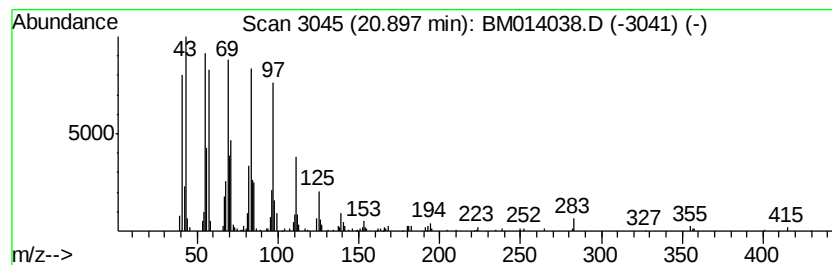
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Peak Number 3 Behenic alcohol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.90	5.61 ng/ul	577940	Chrysene-d12	21.18
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Behenic alcohol	326 C22H46O	000661-19-8 94
2		n-Tetracosanol-1	354 C24H50O	000506-51-4 94
3		Bromoacetic acid, hexadecyl ester	362 C18H35BrO2	005454-48-8 91
4		n-Nonadecanol-1	284 C19H40O	001454-84-8 90
5		3-Eicosene, (E)-	280 C20H40	074685-33-9 83



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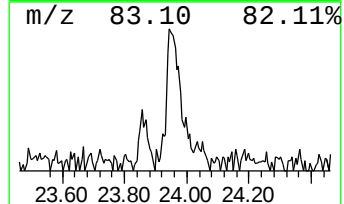
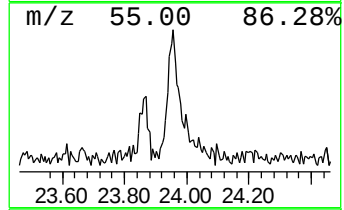
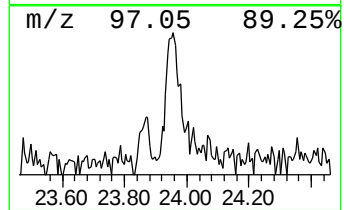
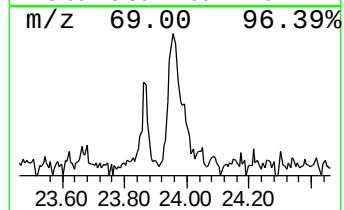
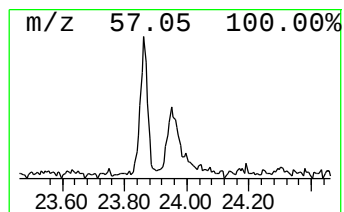
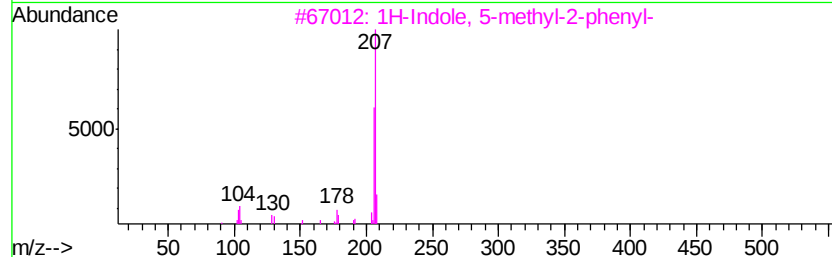
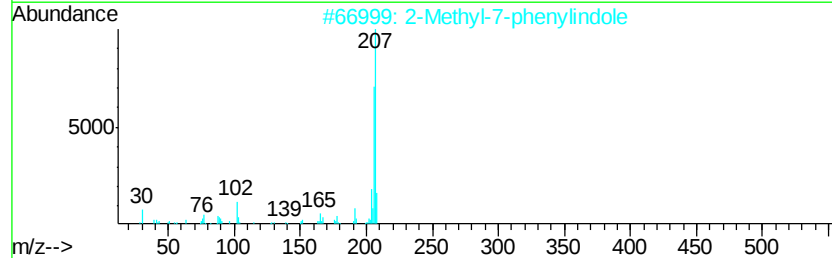
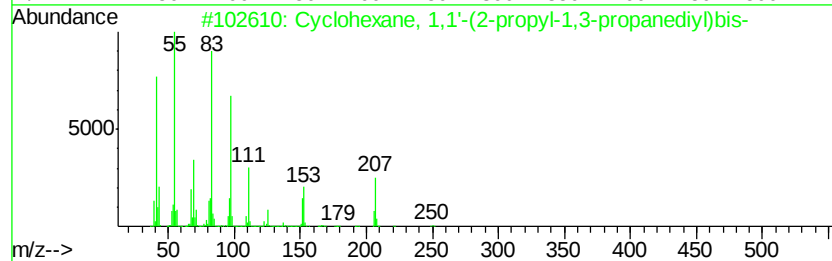
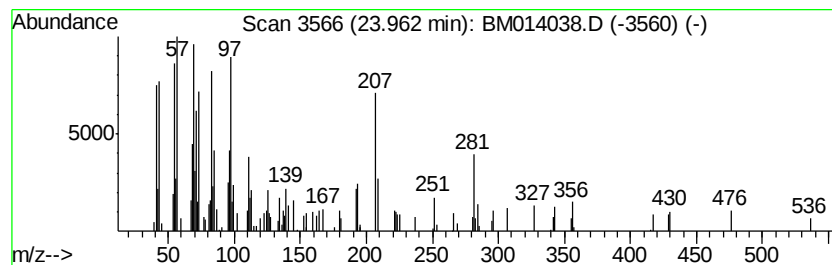
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Peak Number 4 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.96	2.29 ng/ul	209810	Perylene-d12	23.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,1'-(2-propyl-1,3-...	250	C18H34	055030-21-2	42
2		2-Methyl-7-phenylindole	207	C15H13N	001140-08-5	38
3		1H-Indole, 5-methyl-2-phenyl-	207	C15H13N	013228-36-9	35
4		2,3,5,6-Tetrafluorophenyl isothi...	207	C7HF4NS	020925-31-9	35
5		1H-1,3-Benzimidazole-1-acetonitr...	207	C10H7F2N3	1000351-67-7	35



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.88	5.9	ng/ul	472960	4	16.97	1593340	20.0
Octadecanoic acid	19.17	3.0	ng/ul	308624	5	21.18	2060110	20.0
Behenic alcohol	20.90	5.6	ng/ul	577940	5	21.18	2060110	20.0
unknown-01	23.96	2.3	ng/ul	209810	6	23.36	1836260	20.0