

Data Path : Z:\HPCHEM1\BNA M\DATA\BM013017\
 Data File : BM008931.D
 Acq On : 31 Jan 2017 02:43
 Operator : SJ/MA
 Sample : I1319-09
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BDP26

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-BM013017.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	7.069	755	762	776	rBV2	408534	770645	3.68%	1.296%
2	7.246	784	792	802	rBV	285423	417217	1.99%	0.701%
3	7.446	819	826	833	rVB	407040	642703	3.07%	1.081%
4	7.916	899	906	912	rBV2	388446	609451	2.91%	1.025%
5	8.610	1017	1024	1032	rBV2	398586	617333	2.95%	1.038%
6	9.081	1096	1104	1112	rBV	453204	720164	3.44%	1.211%
7	9.804	1220	1227	1233	rBV	308895	503820	2.41%	0.847%
8	10.334	1310	1317	1327	rBV	471686	792318	3.79%	1.332%
9	10.722	1376	1383	1390	rVB	447411	753052	3.60%	1.266%
10	13.957	1927	1933	1938	rBV	554015	751657	3.59%	1.264%
11	14.251	1976	1983	1989	rBV	809954	1148129	5.49%	1.930%
12	14.557	2029	2035	2041	rVB	630170	911627	4.36%	1.533%
13	14.739	2059	2066	2074	rBV	232611	353866	1.69%	0.595%
14	15.545	2198	2203	2210	rBV	1005883	1440706	6.89%	2.422%
15	17.298	2495	2501	2507	rBV	821713	1190094	5.69%	2.001%
16	17.398	2511	2518	2524	rVV	1181072	1661144	7.94%	2.793%
17	19.604	2887	2893	2897	rBV	19872217	20922401	100.00%	35.178%
18	19.692	2901	2908	2916	rBV	1391952	1945347	9.30%	3.271%
19	20.645	3064	3070	3074	rBV	17969879	18076186	86.40%	30.392%
20	21.156	3153	3157	3162	rBV2	230604	296965	1.42%	0.499%
21	21.468	3205	3210	3218	rBV	1256106	1628333	7.78%	2.738%
22	22.668	3411	3414	3420	rVB	148396	216987	1.04%	0.365%
23	23.674	3578	3585	3593	rVB	881208	1677235	8.02%	2.820%
24	23.827	3604	3611	3618	rBV	728474	1429058	6.83%	2.403%

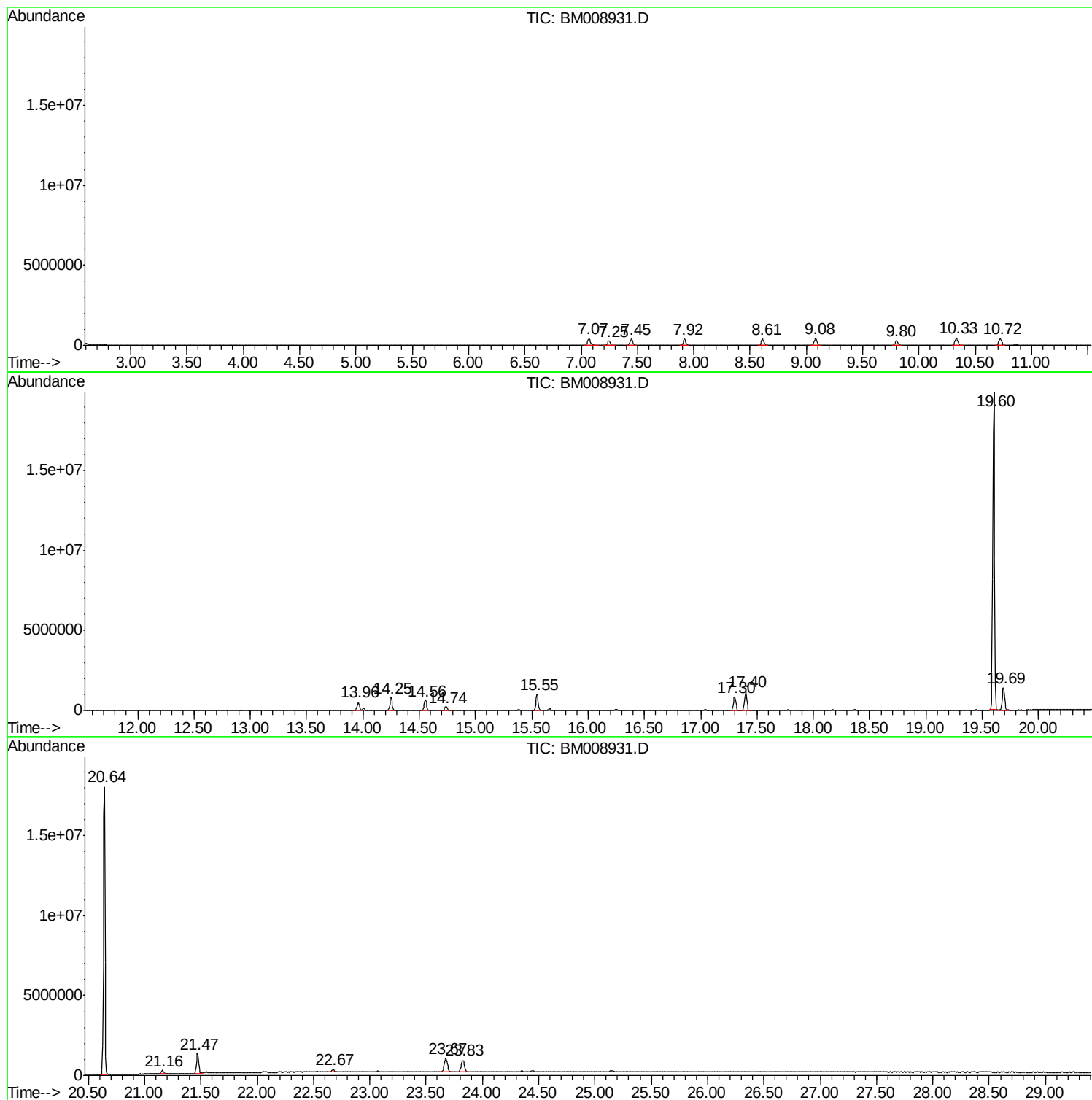
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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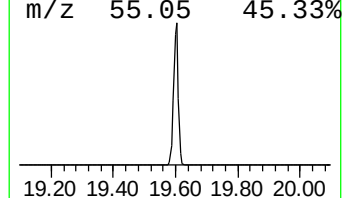
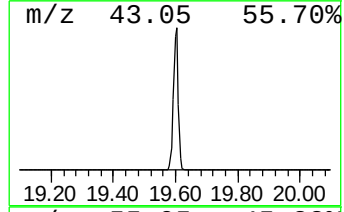
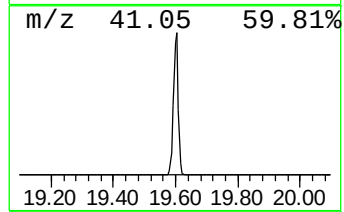
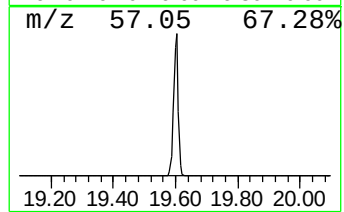
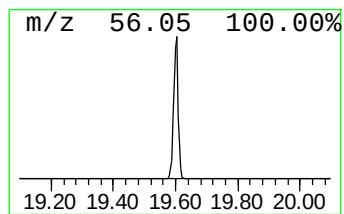
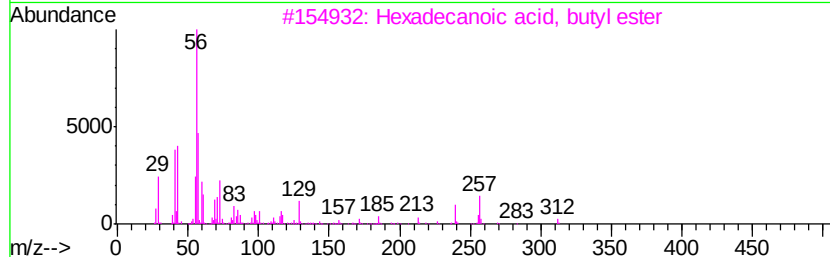
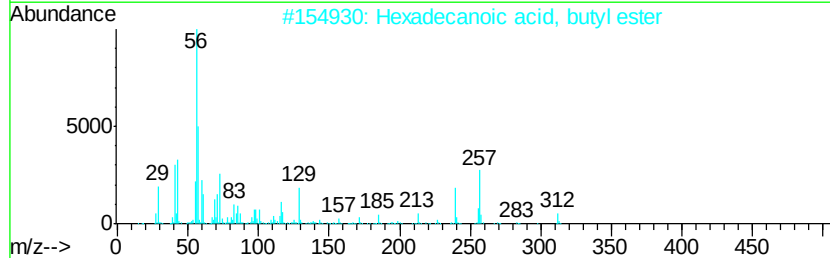
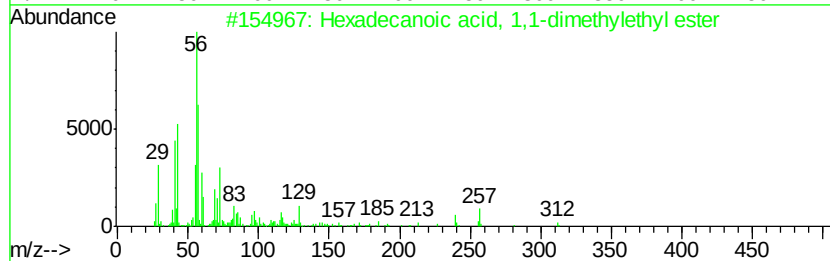
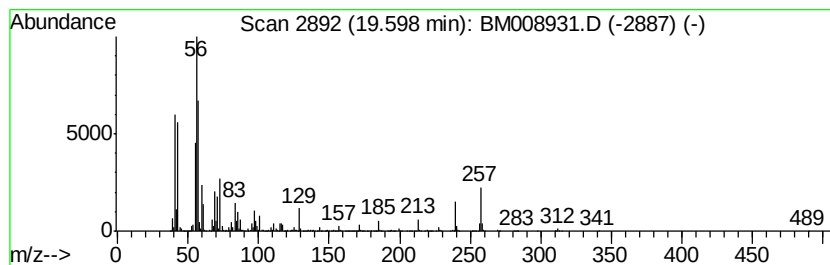
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM013017.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Hexadecanoic acid, 1,1-dime... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.60	256.98 ng/ul	20922400	Chrysene-d12	21.47

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	90		
2	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	90		
3	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	70		
4	Hexadecanoic acid, 2-methylpropyl...	312	C20H40O2	000110-34-9	60		
5	Eicosanoic acid	312	C20H40O2	000506-30-9	47		



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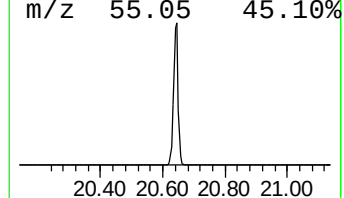
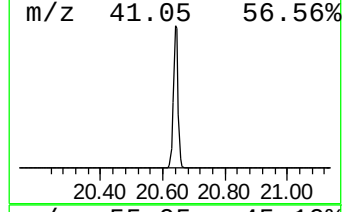
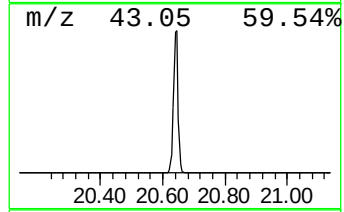
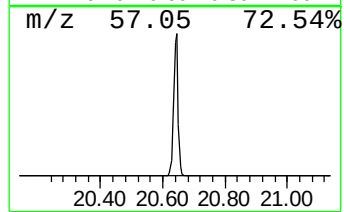
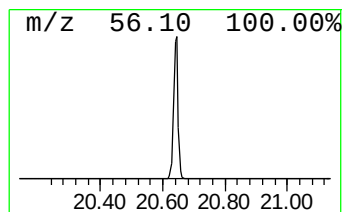
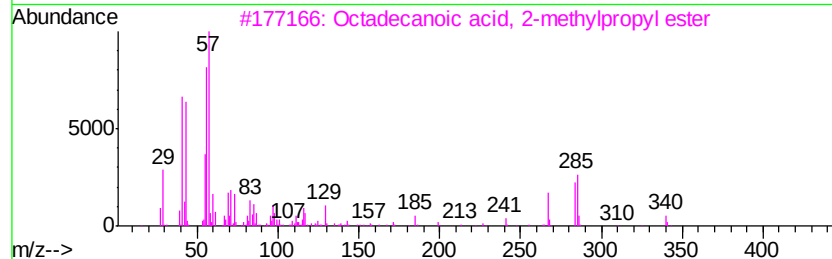
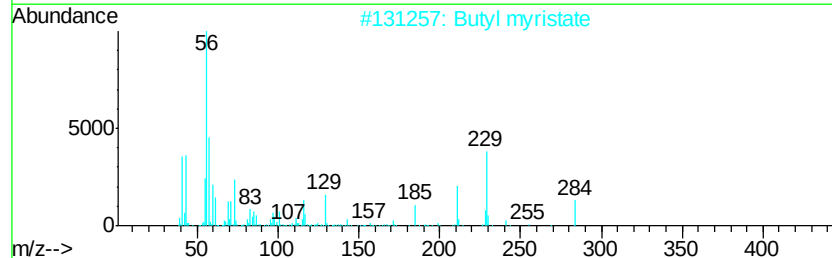
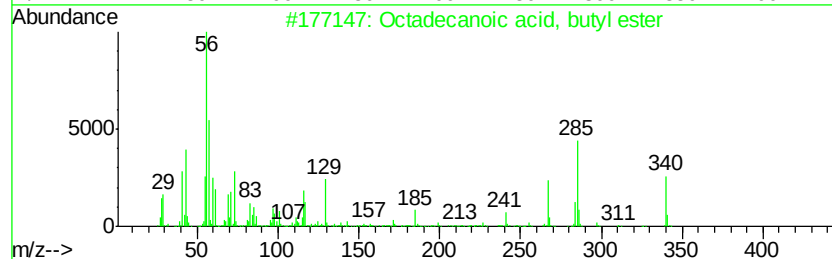
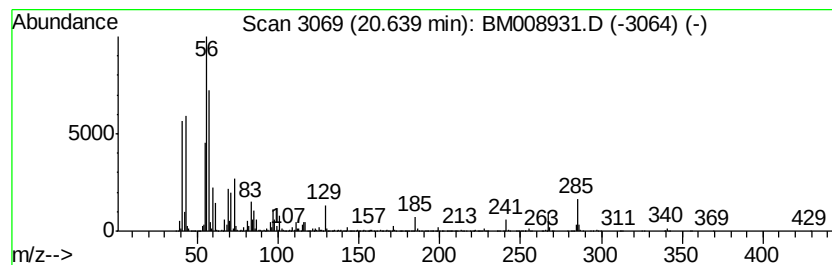
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Peak Number 2 Octadecanoic acid, butyl ester Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.64	222.02 ng/ul	18076200	Chrysene-d12	21.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	86
2		Butyl myristate	284	C18H36O2	000110-36-1	58
3		Octadecanoic acid, 2-methylpropyl...	340	C22H44O2	000646-13-9	35
4		1-Heptene, 2-methyl-	112	C8H16	015870-10-7	30
5		1-Heptene, 2-methyl-	112	C8H16	015870-10-7	27



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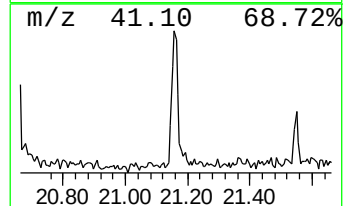
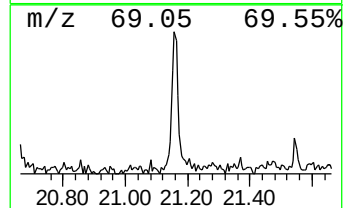
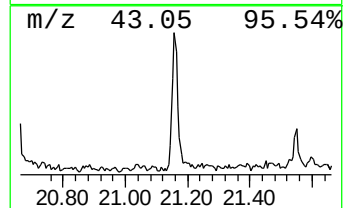
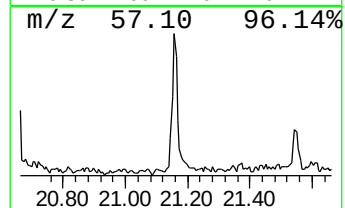
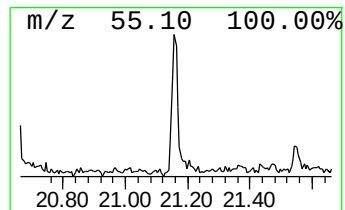
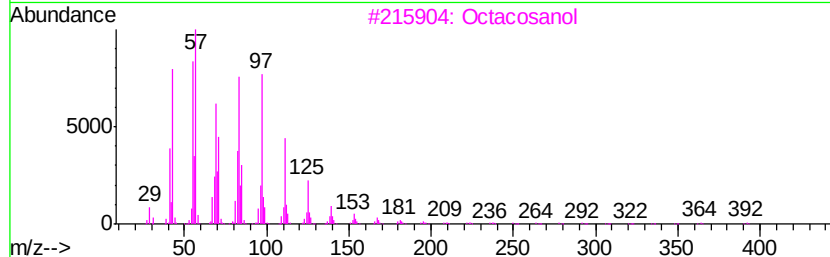
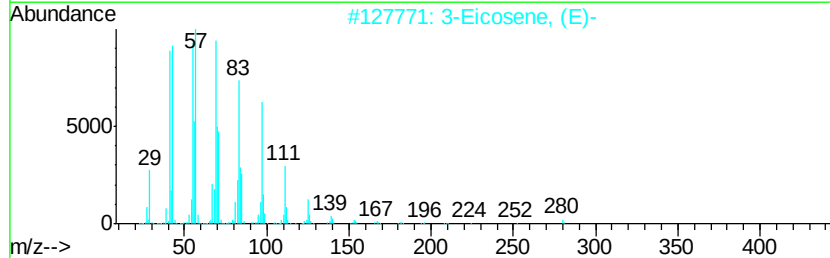
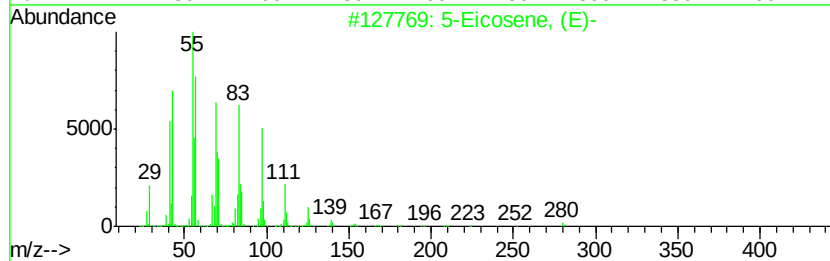
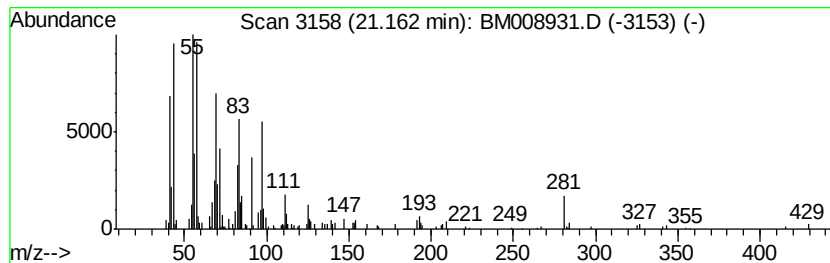
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Peak Number 3 (DEL) Alkane: Cyclic21.16 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.16	3.65 ng/ul	296965	Chrysene-d12	21.47
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	5-Eicosene, (E)-		280 C20H40	074685-30-6 92
2	3-Eicosene, (E)-		280 C20H40	074685-33-9 90
3	Octacosanol		410 C28H58O	000557-61-9 90
4	Behenic alcohol		326 C22H46O	000661-19-8 90
5	Trichloroacetic acid, hexadecyl ...		386 C18H33Cl3O2	074339-54-1 90



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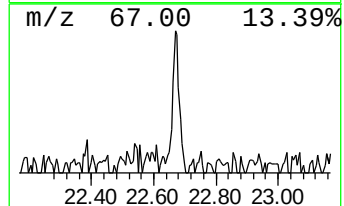
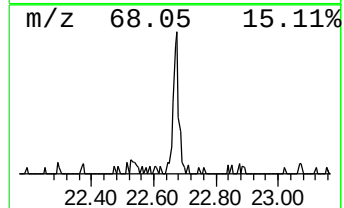
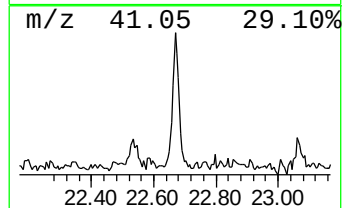
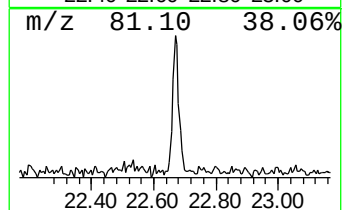
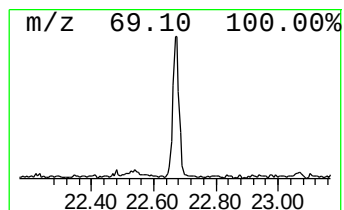
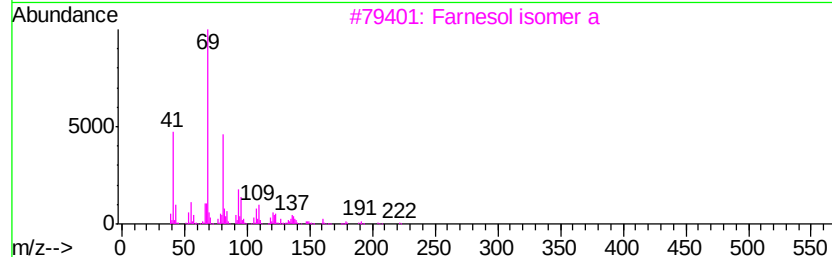
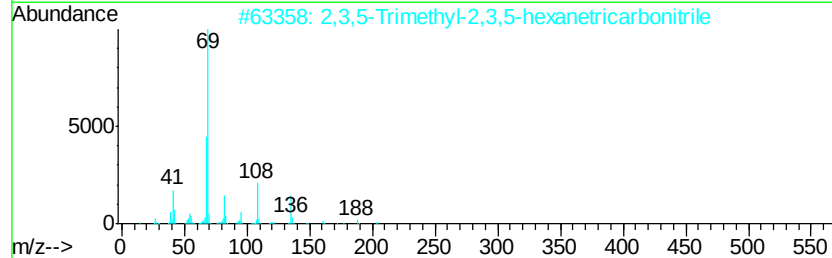
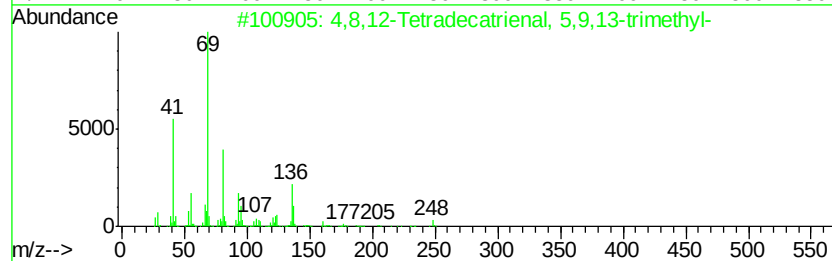
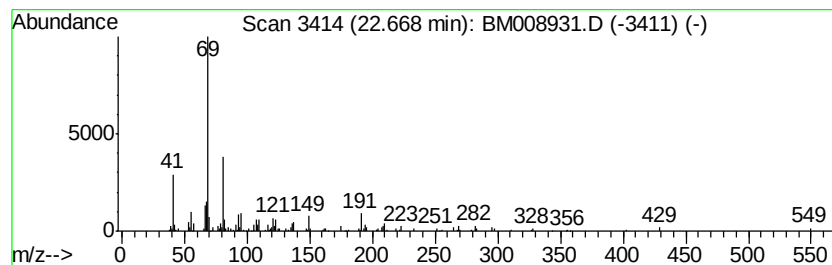
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Peak Number 4 4,8,12-Tetradecatrienal, 5,... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.67	3.04 ng/ul	216987	Perylene-d12	23.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4,8,12-Tetradecatrienal, 5,9,13-...	248	C17H28O	066408-55-7	53
2		2,3,5-Trimethyl-2,3,5-hexanetric...	203	C12H17N3	003974-79-6	53
3		Farnesol isomer a	222	C15H26O	1000108-92-4	52
4		2-Butenoic acid, 4-nitrophenyl e...	207	C10H9NO4	035665-90-8	52
5		Cyclopropanecarboxylic acid, 4-i...	204	C13H16O2	1000331-01-9	50



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Hexadecanoic acid...	19.60	257.0	ng/ul	20922400	5	21.47	1628330	20.0
Octadecanoic acid...	20.64	222.0	ng/ul	18076200	5	21.47	1628330	20.0
(DEL) Alkane: Cyc...	21.16	3.6	ng/ul	296965	5	21.47	1628330	20.0
4,8,12-Tetradecat...	22.67	3.0	ng/ul	216987	6	23.83	1429060	20.0