

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050118\
 Data File : BM014899.D
 Acq On : 01 May 2018 23:22
 Operator : SJ/JU
 Sample : J2638-11
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AA2

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-BM041918.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	3.340	4	9	16	rVB	1314446	1793305	16.67%	1.610%
2	3.640	56	60	69	rVB	152614	212719	1.98%	0.191%
3	5.481	368	373	382	rBV	101980	155030	1.44%	0.139%
4	7.616	730	736	750	rVB	534455	964319	8.96%	0.866%
5	7.798	760	767	779	rBV	1820896	2915586	27.10%	2.617%
6	8.016	797	804	813	rBV	1952174	3179424	29.56%	2.854%
7	8.498	878	886	899	rBV	1623454	2687696	24.99%	2.413%
8	9.192	997	1004	1015	rBV	1424027	2343602	21.79%	2.104%
9	9.681	1079	1087	1094	rBV	2209721	3765714	35.01%	3.380%
10	10.410	1202	1211	1224	rBV	1779439	3034149	28.21%	2.724%
11	10.945	1294	1302	1317	rBV	2553235	4338155	40.33%	3.894%
12	11.339	1361	1369	1385	rVB	2255929	3825725	35.57%	3.434%
13	14.492	1896	1905	1910	rBV	4617277	6467918	60.13%	5.806%
14	14.539	1910	1913	1918	rVB	300142	392908	3.65%	0.353%
15	14.804	1951	1958	1969	rBV	5256004	7875152	73.21%	7.069%
16	14.951	1978	1983	1992	rVB	114856	151599	1.41%	0.136%
17	15.104	2001	2009	2018	rBV2	3146839	4687658	43.58%	4.208%
18	15.257	2029	2035	2049	rBV	386007	662470	6.16%	0.595%
19	15.892	2139	2143	2147	rVB	150131	188396	1.75%	0.169%
20	16.080	2168	2175	2182	rBV	6685213	9399678	87.38%	8.437%
21	16.180	2186	2192	2203	rVV	2124181	2932574	27.26%	2.632%
22	16.315	2204	2215	2221	rVB2	82322	207045	1.92%	0.186%
23	16.739	2282	2287	2298	rBV	139502	238864	2.22%	0.214%
24	17.815	2463	2470	2480	rBV	3751909	5344534	49.68%	4.797%
25	17.915	2480	2487	2495	rBV	6768646	9849742	91.57%	8.841%
26	18.645	2605	2611	2624	rBV	618160	926023	8.61%	0.831%
27	19.792	2802	2806	2813	rVB	82779	114574	1.07%	0.103%
28	19.880	2817	2821	2832	rBV	465573	682233	6.34%	0.612%
29	20.045	2844	2849	2856	rVB	72979	111990	1.04%	0.101%
30	20.150	2861	2867	2875	rBV	7944300	10756980	100.00%	9.656%
31	21.562	3103	3107	3116	rBV	529334	752772	7.00%	0.676%
32	21.903	3159	3165	3171	rBV	4208495	5586875	51.94%	5.015%
33	24.227	3550	3560	3572	rVB	4604222	9930135	92.31%	8.914%
34	24.385	3580	3587	3599	rVB2	2423502	4928989	45.82%	4.424%

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Integrator: RTE
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Sampling : 1 Min Area: 1 % of largest Peak
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Stop Thrs : 0 Peak Location: TOP

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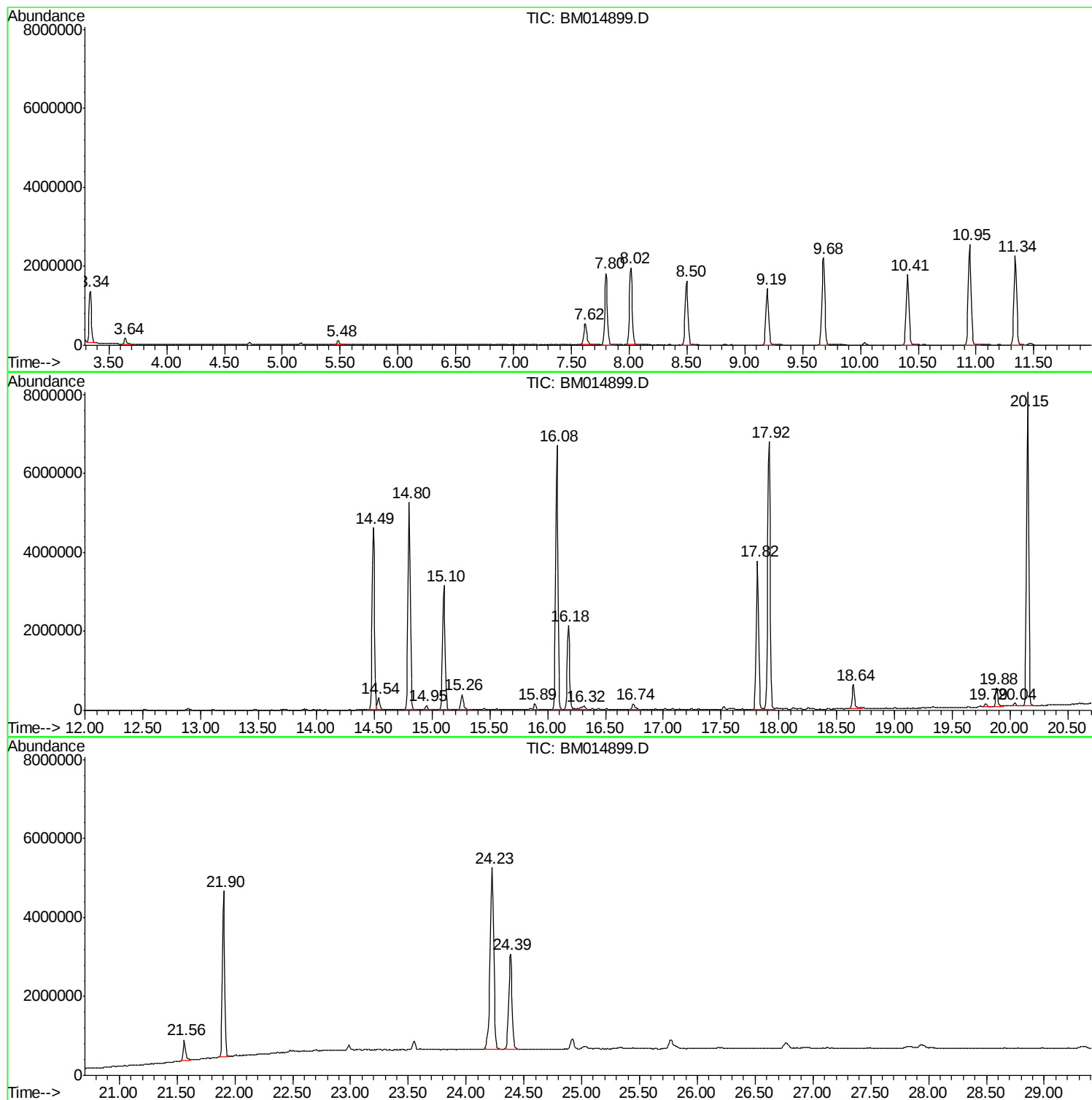
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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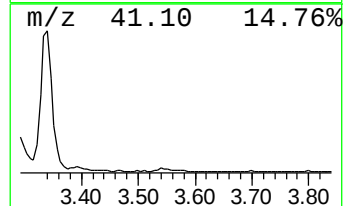
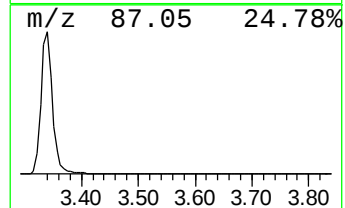
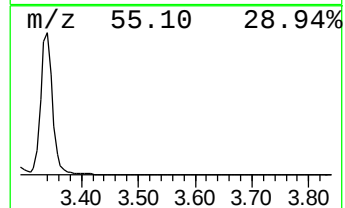
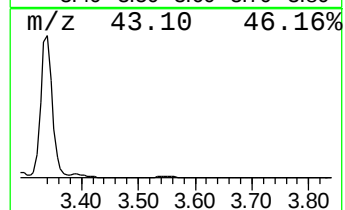
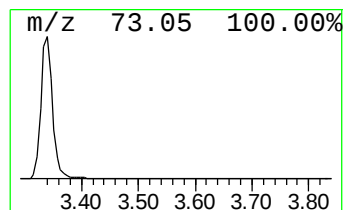
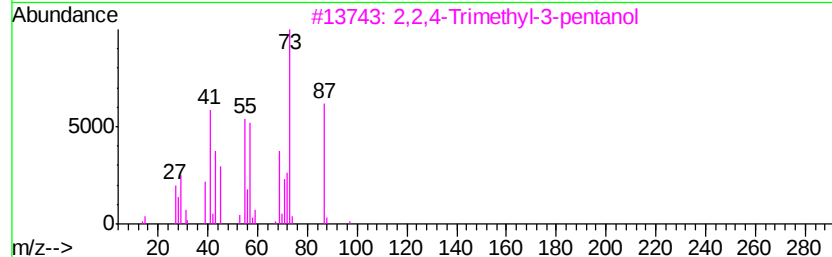
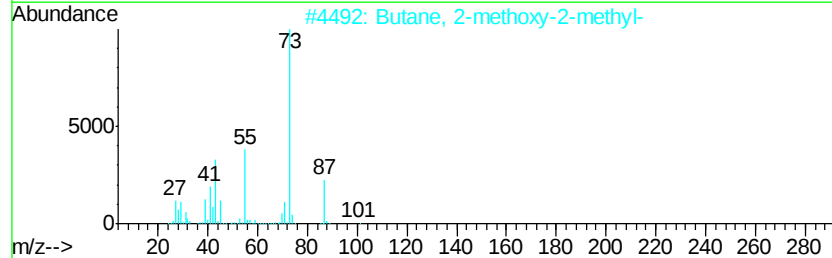
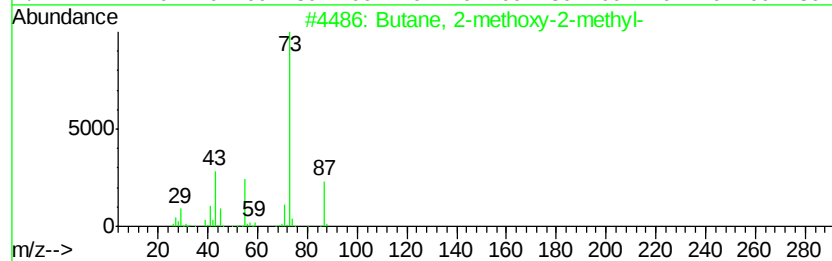
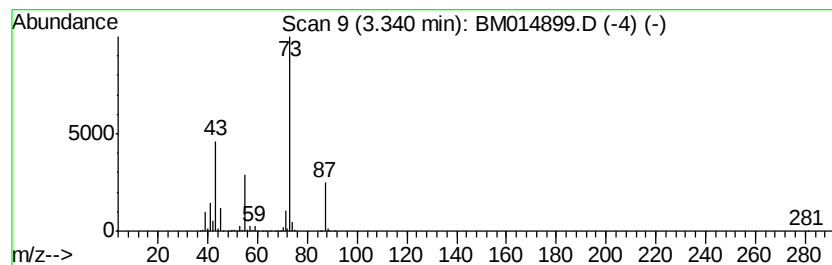
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.34	13.34 ng/ul	1793310	1,4-Dichlorobenzene-d4	8.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
3		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
5		Silane, tetramethyl-	88	C4H12Si	000075-76-3	38



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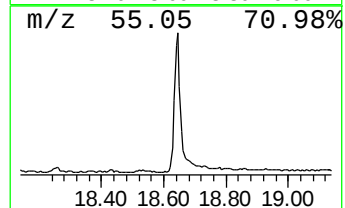
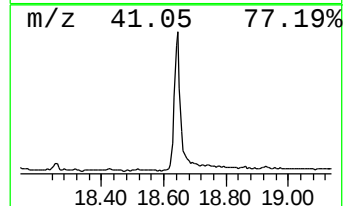
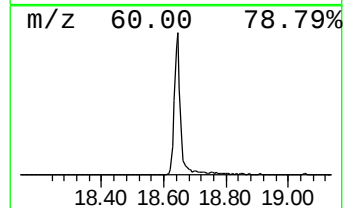
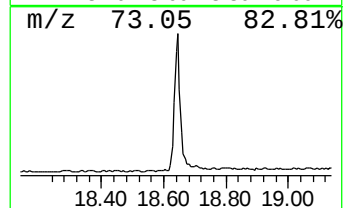
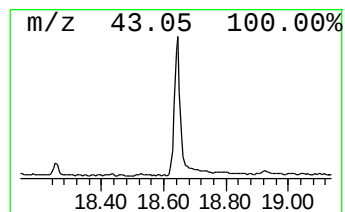
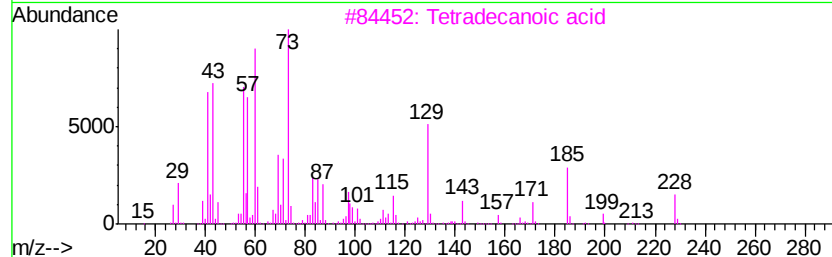
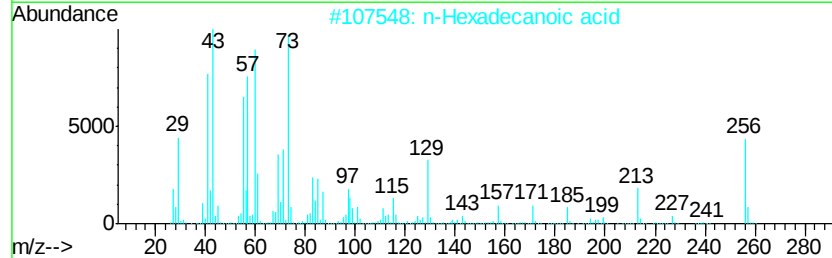
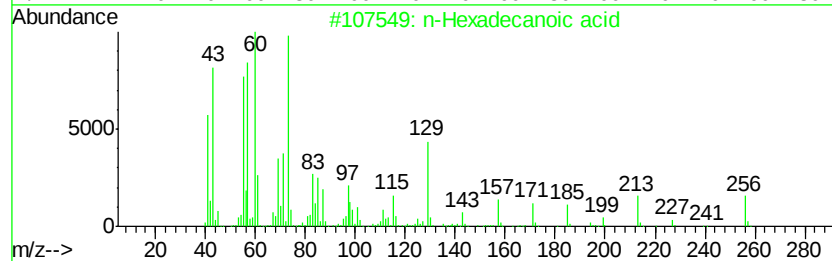
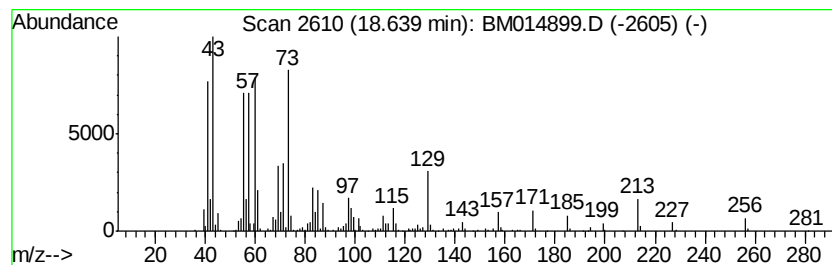
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.64	3.47 ng/ul	926023	Phenanthrene-d10		17.82	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	93
4		Tridecanoic acid	214	C13H26O2	000638-53-9	93
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	90



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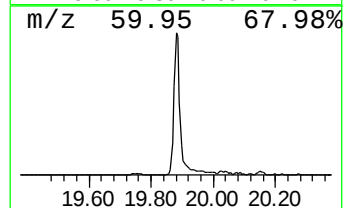
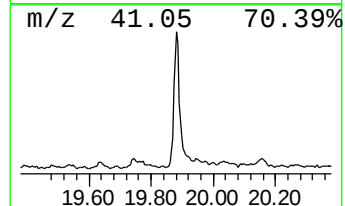
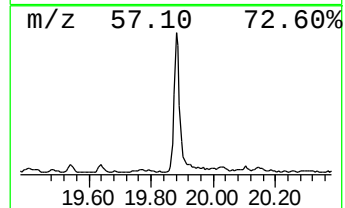
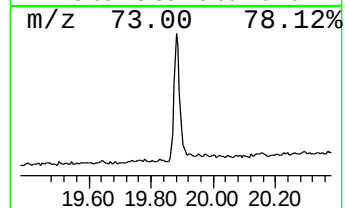
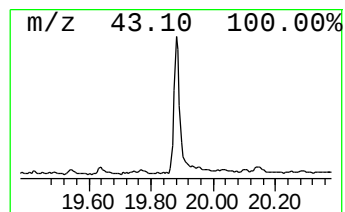
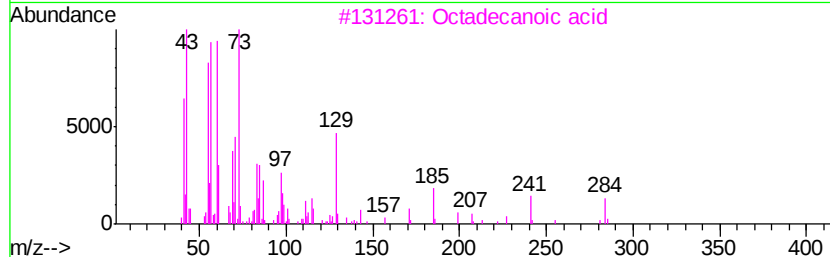
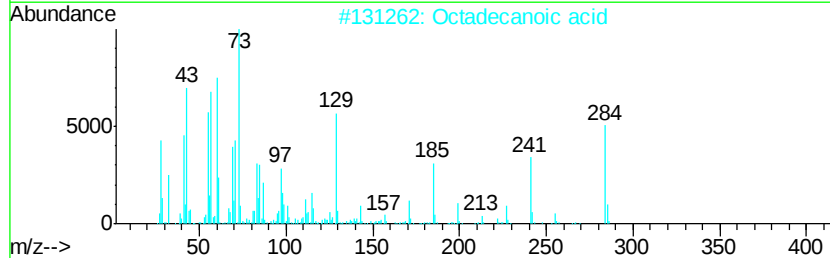
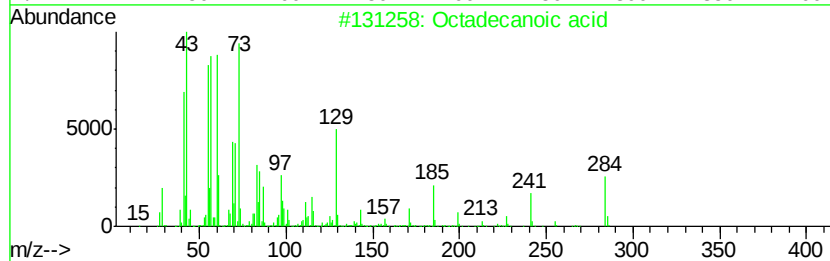
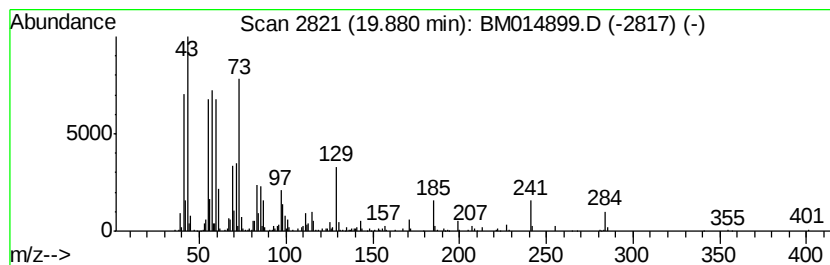
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.		
19.88	2.44 ng/ul	682233	Chrysene-d12		21.90		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			Octadecanoic acid	284	C18H36O2	000057-11-4	99
3			Octadecanoic acid	284	C18H36O2	000057-11-4	97
4			Octadecanoic acid	284	C18H36O2	000057-11-4	90
5			Pentadecanoic acid	242	C15H30O2	001002-84-2	87



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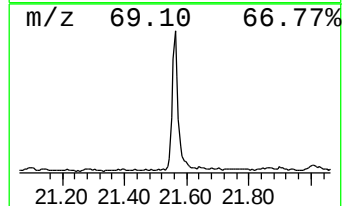
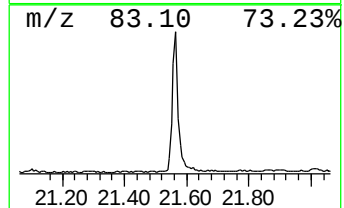
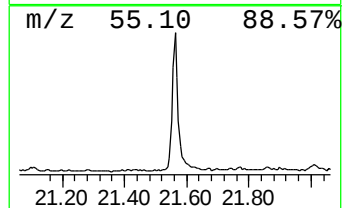
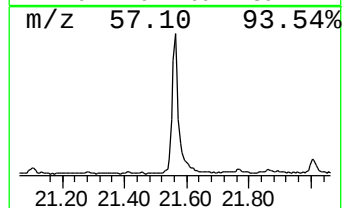
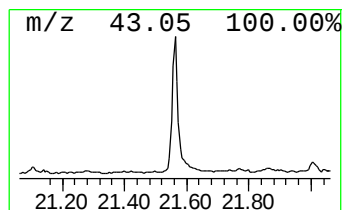
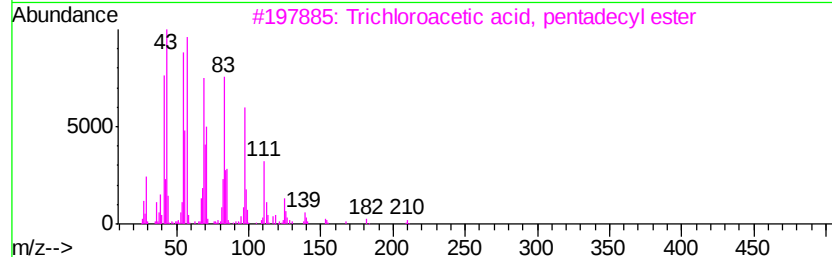
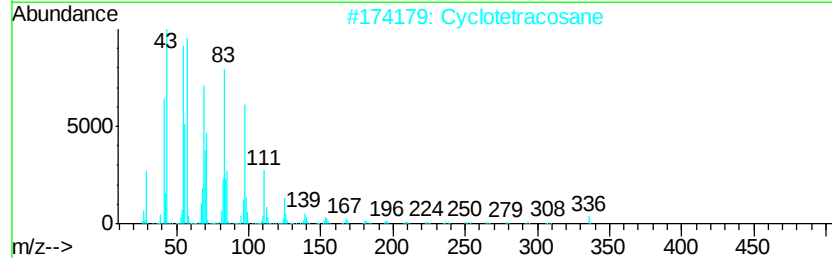
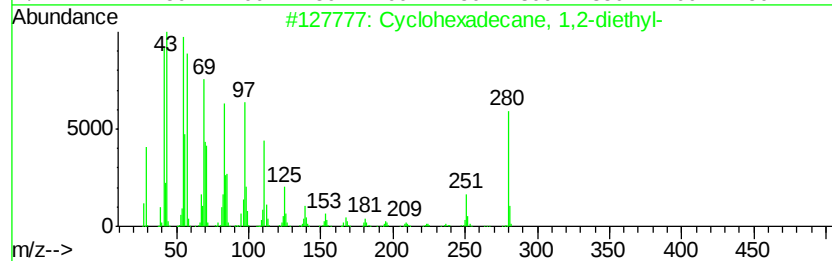
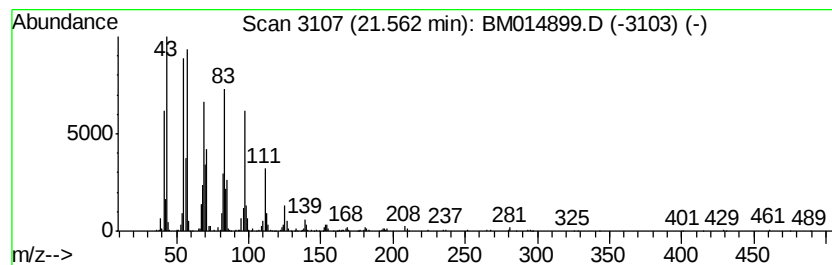
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 (DEL) Alkane: Cyclic21.56 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.56	2.69 ng/ul	752772	Chrysene-d12	21.90	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	98
2	Cyclotetracosane	336	C24H48	000297-03-0	94
3	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	94
4	1-Heneicosanol	312	C21H44O	015594-90-8	94
5	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	94



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	3.34	13.3	ng/ul	1793310	1	8.50	2687700	20.0
n-Hexadecanoic acid	18.64	3.5	ng/ul	926023	4	17.82	5344530	20.0
Octadecanoic acid	19.88	2.4	ng/ul	682233	5	21.90	5586880	20.0
(DEL) Alkane: Cyc...	21.56	2.7	ng/ul	752772	5	21.90	5586880	20.0