

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030117\
 Data File : BM009054.D
 Acq On : 01 Mar 2017 17:06
 Operator : SJ/MA
 Sample : I1988-09
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DABS4

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-BM022317.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	3.358	43	46	50	rBV2	40684	51345	1.21%	0.105%
2	3.628	88	92	100	rBV	98284	162089	3.81%	0.332%
3	7.046	667	673	688	rVB	781792	1272218	29.94%	2.604%
4	7.228	697	704	714	rVB	591009	917976	21.60%	1.879%
5	7.422	731	737	748	rVB	758102	1187714	27.95%	2.431%
6	7.898	810	818	824	rBV	734926	1152794	27.13%	2.359%
7	8.592	929	936	947	rBV2	839648	1360681	32.02%	2.785%
8	9.063	1008	1016	1026	rBV	707851	1205941	28.38%	2.468%
9	9.781	1131	1138	1146	rBV2	585347	971669	22.87%	1.988%
10	10.310	1221	1228	1239	rBV	895742	1465084	34.48%	2.998%
11	10.698	1287	1294	1302	rVB	886089	1503732	35.39%	3.077%
12	10.834	1310	1317	1325	rBV	801789	1388112	32.67%	2.841%
13	13.939	1838	1845	1849	rBV	1497257	2048464	48.21%	4.192%
14	13.986	1849	1853	1859	rVB	881469	1187512	27.95%	2.430%
15	14.227	1888	1894	1903	rBV	1559788	2309179	54.34%	4.726%
16	14.539	1938	1947	1955	rBV2	1205514	1897483	44.65%	3.883%
17	14.721	1968	1978	1988	rBV	710281	1044417	24.58%	2.137%
18	15.363	2083	2087	2092	rVB2	61586	80500	1.89%	0.165%
19	15.527	2109	2115	2124	rVV	2058183	2978973	70.11%	6.096%
20	15.639	2128	2134	2147	rBV	561714	793846	18.68%	1.625%
21	15.768	2149	2156	2160	rVB5	45542	78690	1.85%	0.161%
22	16.227	2229	2234	2242	rBV	85093	148611	3.50%	0.304%
23	16.663	2304	2308	2314	rVB4	43089	57347	1.35%	0.117%
24	17.015	2365	2368	2372	rBV	70261	86457	2.03%	0.177%
25	17.280	2407	2413	2422	rBV2	1602776	2292758	53.96%	4.692%
26	17.380	2422	2430	2437	rBV	2419460	3357936	79.02%	6.872%
27	17.757	2490	2494	2498	rVB	51822	57268	1.35%	0.117%
28	18.021	2535	2539	2546	rBV6	42386	70608	1.66%	0.144%
29	18.157	2555	2562	2573	rBV	1597691	2225798	52.38%	4.555%
30	19.309	2751	2758	2768	rBV5	90335	226276	5.33%	0.463%
31	19.427	2774	2778	2789	rBV	259449	362032	8.52%	0.741%
32	19.668	2813	2819	2831	rBV	3047600	4249213	100.00%	8.696%
33	21.139	3065	3069	3075	rBV3	361133	457554	10.77%	0.936%
34	21.450	3117	3122	3128	rBV	2387435	2938278	69.15%	6.013%

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ALS Vial : 11 Sample Multiplier: 1

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Integration Parameters: LSCINT.P

Integrator: RTE
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35	22.645	3322	3325	3331	rvB	328494	453312	10.67%	0.928%
36	23.644	3489	3495	3503	rvB2	2091713	4037238	95.01%	8.262%
37	23.797	3515	3521	3533	rvB	1400636	2785908	65.56%	5.701%

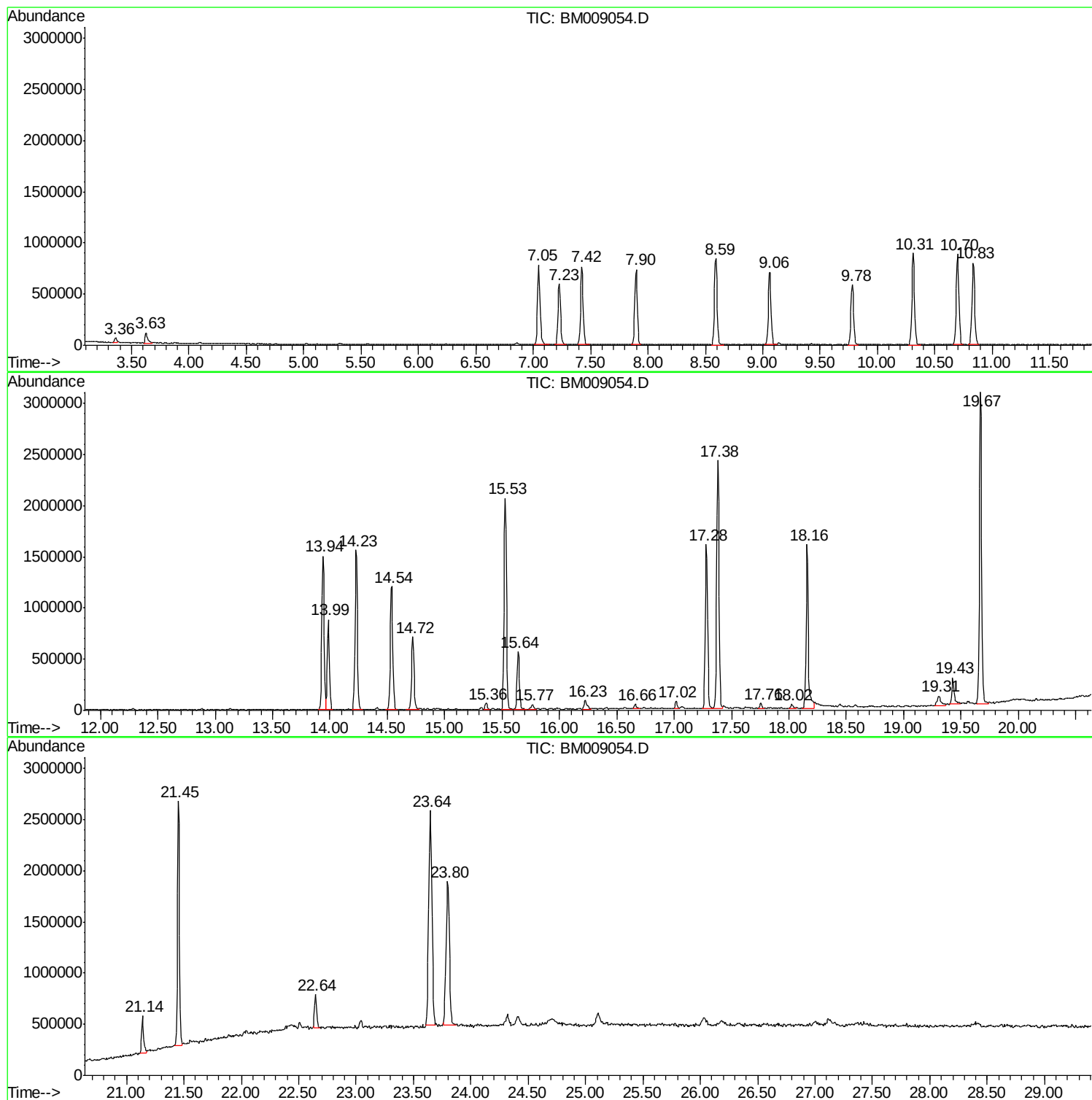
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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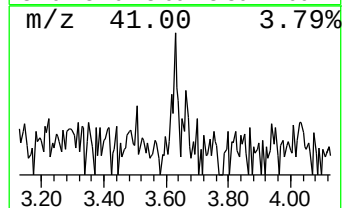
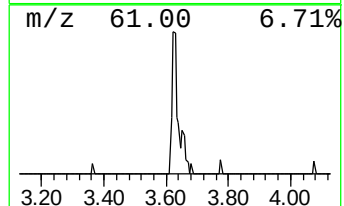
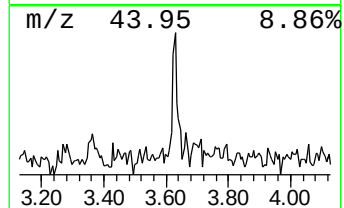
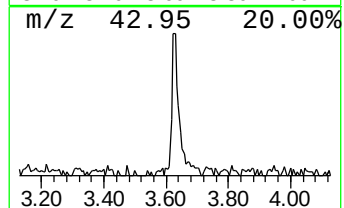
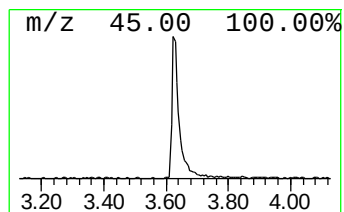
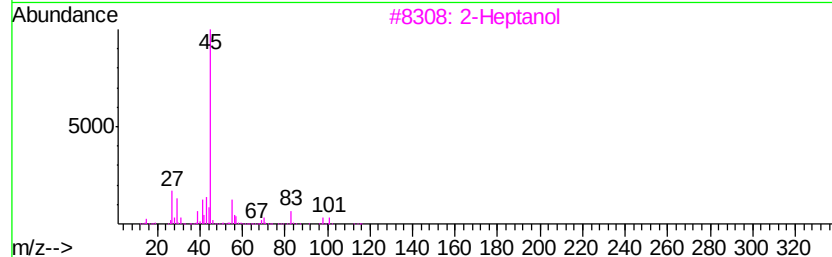
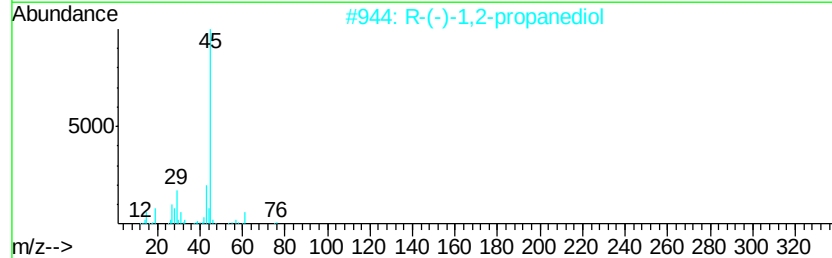
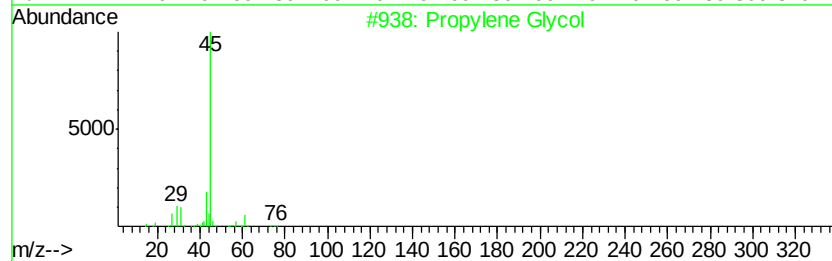
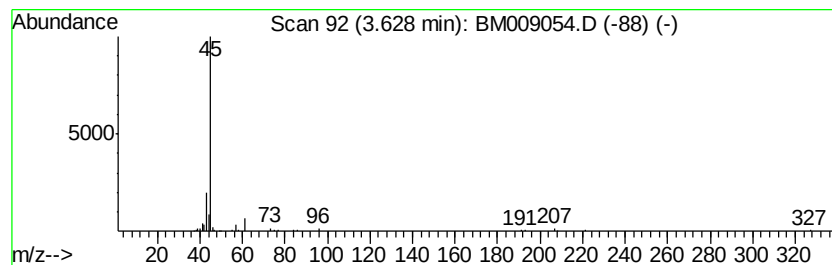
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Peak Number 1 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.63	2.81 ng/ul	162089	1,4-Dichlorobenzene-d4	7.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propylene Glycol	76	C3H8O2	000057-55-6	40
2		R-(-)-1,2-propanediol	76	C3H8O2	004254-14-2	40
3		2-Heptanol	116	C7H16O	000543-49-7	9
4		2-Heptanol, 3-methyl-	130	C8H18O	031367-46-1	9
5		2-Butanol, (R)-	74	C4H10O	014898-79-4	9



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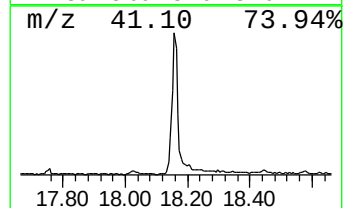
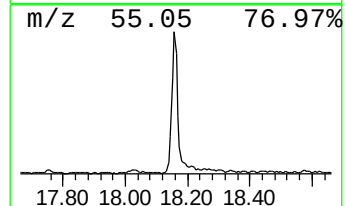
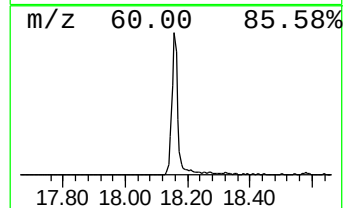
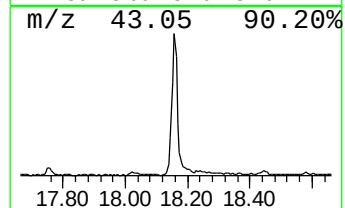
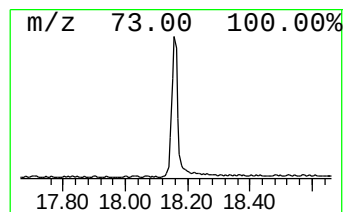
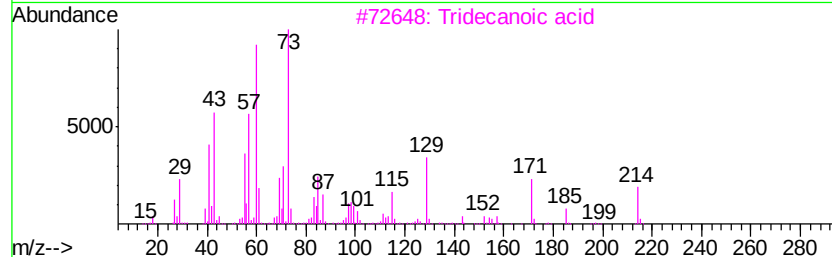
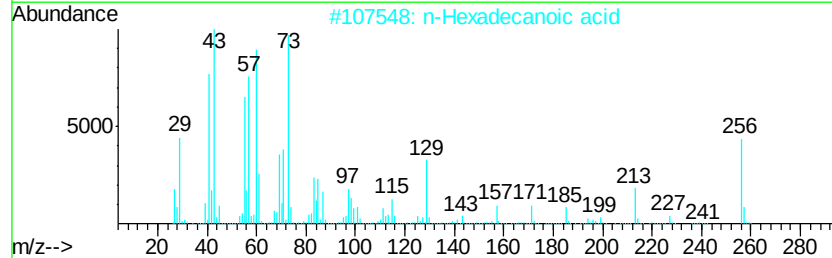
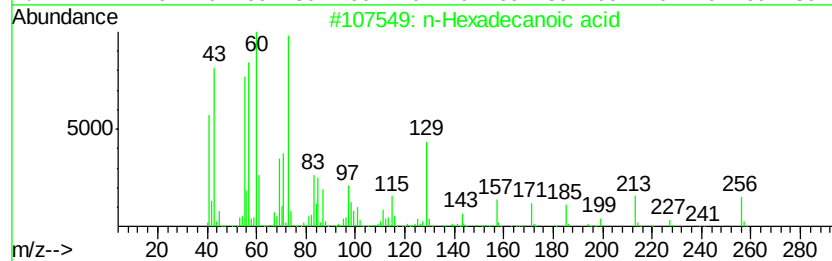
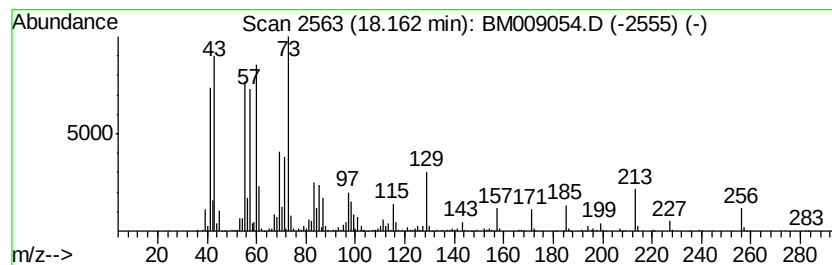
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.16	19.42 ng/ul	2225800	Phenanthrene-d10	17.28		
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	Tridecanoic acid	214	C13H26O2	000638-53-9	87	
4	Octadecanoic acid	284	C18H36O2	000057-11-4	87	
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	81	



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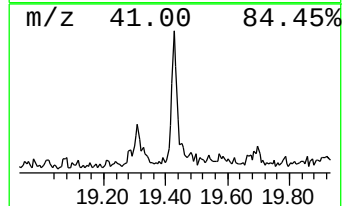
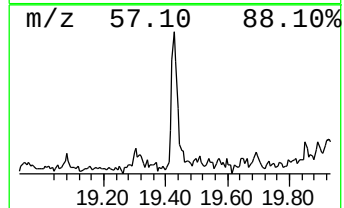
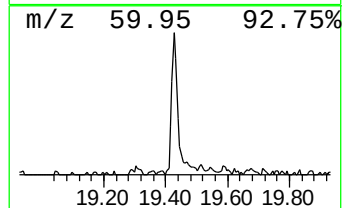
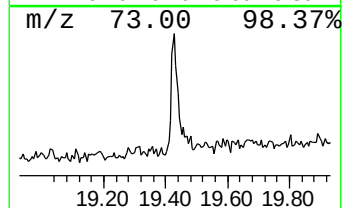
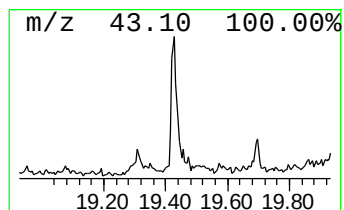
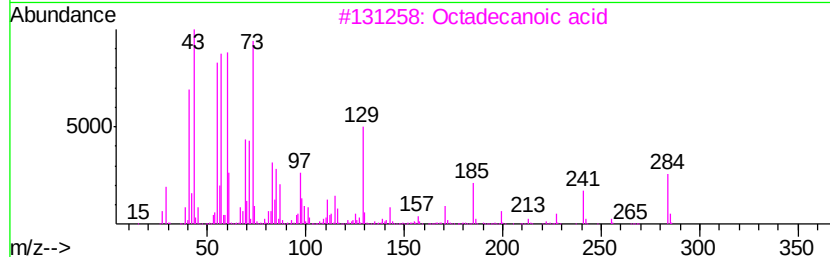
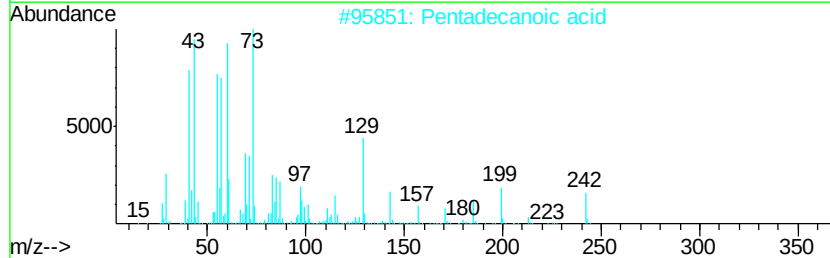
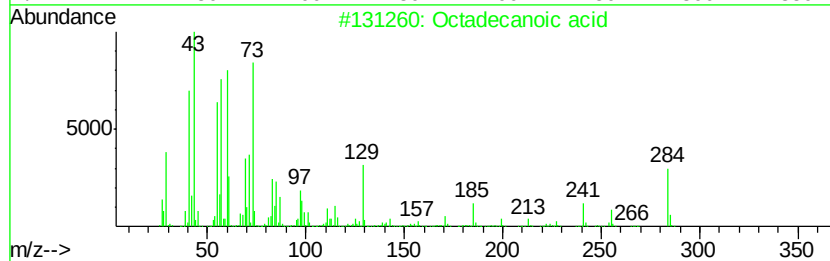
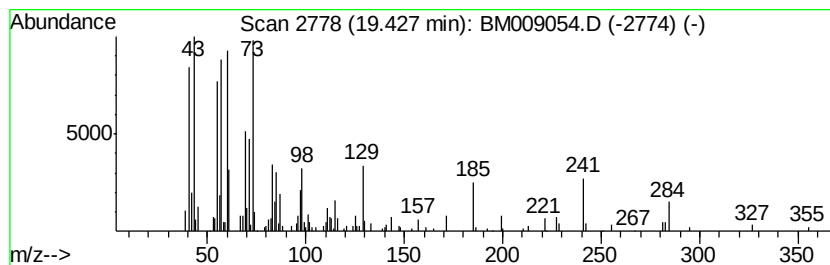
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.43	2.46 ng/ul	362032	Chrysene-d12	21.45	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	93
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3	Octadecanoic acid	284	C18H36O2	000057-11-4	90
4	Octadecanoic acid	284	C18H36O2	000057-11-4	83
5	Octadecanoic acid	284	C18H36O2	000057-11-4	80



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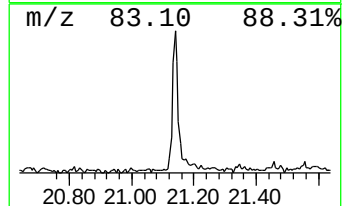
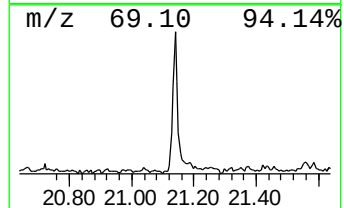
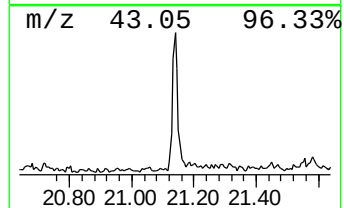
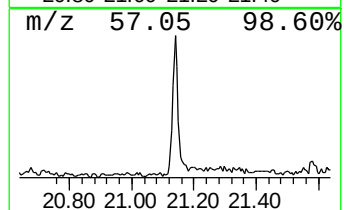
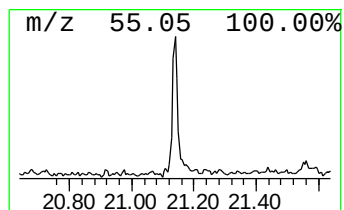
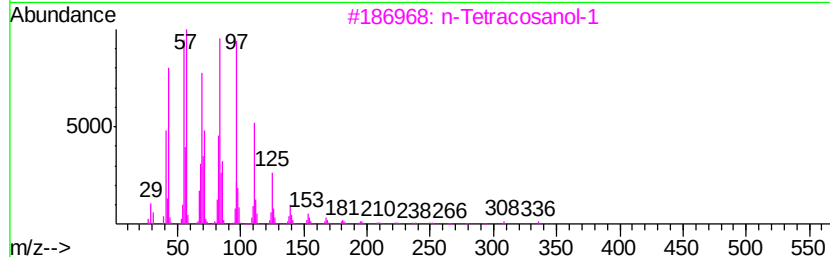
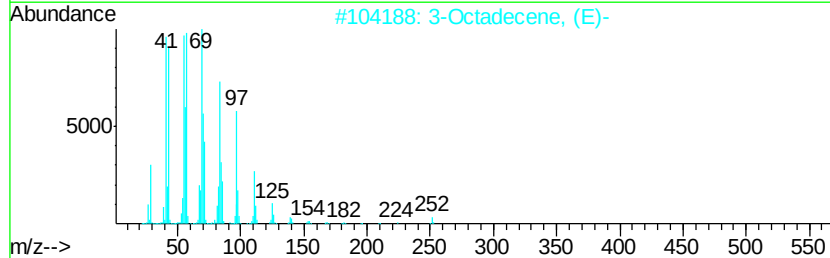
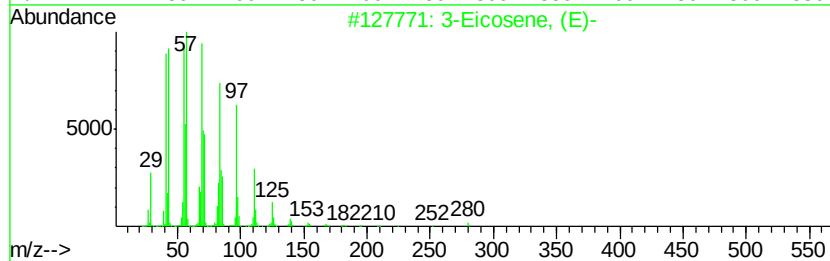
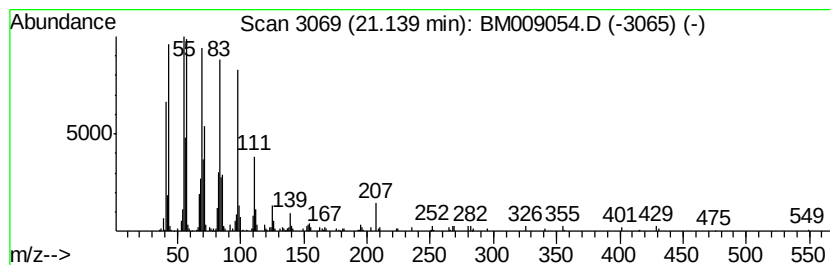
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 (DEL) Alkane: Cyclic21.14 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.14	3.11 ng/ul	457554	Chrysene-d12	21.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	3	Eicosene, (E)-	280	C20H40	074685-33-9	96
2	3	Octadecene, (E)-	252	C18H36	007206-19-1	91
3	n	Tetracosanol-1	354	C24H50O	000506-51-4	91
4	1	Docosene	308	C22H44	001599-67-3	90
5	9	Eicosene, (E)-	280	C20H40	074685-29-3	89



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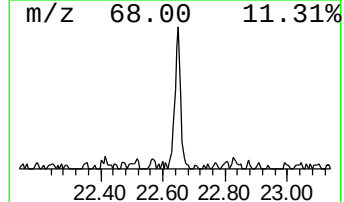
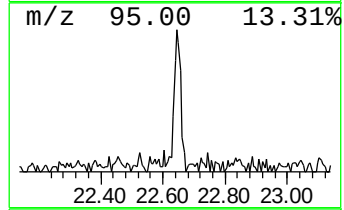
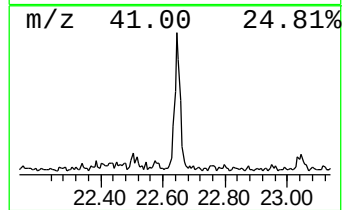
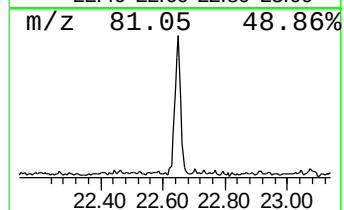
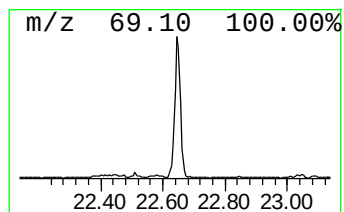
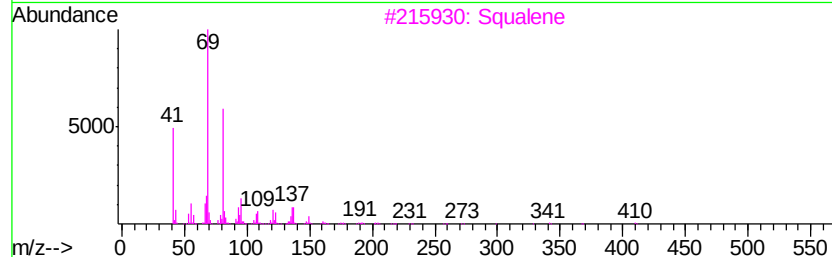
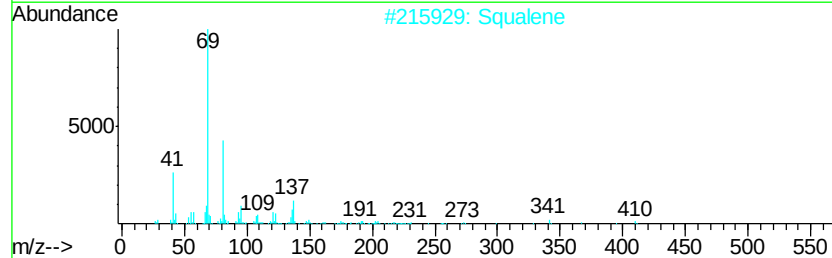
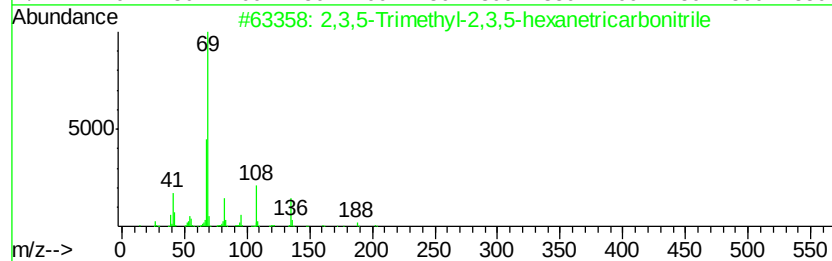
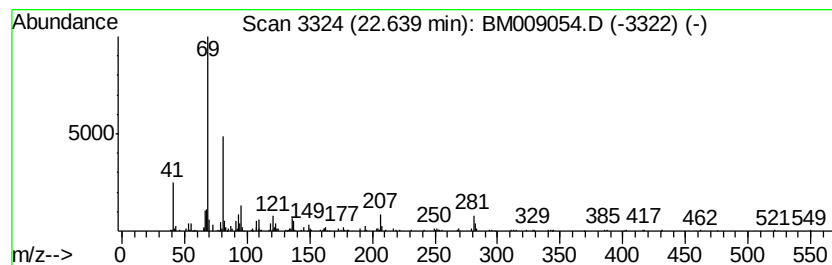
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Peak Number 5 2,3,5-Trimethyl-2,3,5-hexan... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.64	3.25 ng/ul	453312	Perylene-d12	23.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,3,5-Trimethyl-2,3,5-hexanetric...	203	C12H17N3	003974-79-6	72
2		Squalene	410	C30H50	000111-02-4	64
3		Squalene	410	C30H50	000111-02-4	64
4		1,5-Heptadiene, 3,3,5-trimethyl-	138	C10H18	074630-29-8	64
5		2,6-Octadiene, 4,5-dimethyl-	138	C10H18	018476-57-8	53



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TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown-01	3.63	2.8	ng/ul	162089	1	7.90	1152790	20.0
n-Hexadecanoic acid	18.16	19.4	ng/ul	2225800	4	17.28	2292760	20.0
Octadecanoic acid	19.43	2.5	ng/ul	362032	5	21.45	2938280	20.0
(DEL) Alkane: Cyc...	21.14	3.1	ng/ul	457554	5	21.45	2938280	20.0
2,3,5-Trimethyl-2...	22.64	3.3	ng/ul	453312	6	23.80	2785910	20.0