

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121517\
 Data File : BM013471.D
 Acq On : 16 Dec 2017 10:35
 Operator : SJ/JU
 Sample : I6799-10
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C02B7

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-BM113017.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	3.722	105	108	113	rVB	85866	111721	1.76%	0.158%
2	4.834	292	297	307	rVB	216391	310172	4.90%	0.437%
3	6.851	633	640	649	rBV	984970	1603689	25.31%	2.262%
4	7.016	658	668	678	rBV	855488	1315362	20.76%	1.855%
5	7.210	694	701	711	rBV	1142501	1798296	28.38%	2.536%
6	7.675	773	780	790	rBV	1221411	1983120	31.30%	2.797%
7	8.381	894	900	912	rBV	1007136	1641359	25.90%	2.315%
8	8.828	968	976	983	rBV	1177859	1910392	30.15%	2.695%
9	9.545	1090	1098	1107	rBV	988865	1676469	26.46%	2.365%
10	10.080	1180	1189	1198	rBV	1388453	2386098	37.66%	3.366%
11	10.451	1244	1252	1259	rBV	1764488	2867747	45.26%	4.045%
12	10.598	1269	1277	1291	rBV	751309	1452904	22.93%	2.049%
13	13.633	1785	1793	1798	rBV5	86608	135106	2.13%	0.191%
14	13.733	1803	1810	1814	rVV	2599739	3541775	55.90%	4.996%
15	13.780	1814	1818	1825	rVB	446863	623745	9.84%	0.880%
16	14.010	1846	1857	1867	rBV	2993973	4673231	73.75%	6.592%
17	14.315	1901	1909	1916	rVV2	2473054	3757403	59.30%	5.300%
18	14.380	1916	1920	1924	rVV3	83021	123586	1.95%	0.174%
19	14.533	1939	1946	1959	rBV	598625	1102820	17.40%	1.556%
20	14.686	1967	1972	1978	rBV5	42217	73958	1.17%	0.104%
21	15.315	2072	2079	2085	rBV	3715691	5159220	81.42%	7.277%
22	15.445	2096	2101	2113	rVV	506022	726389	11.46%	1.025%
23	15.557	2113	2120	2125	rBV6	50017	90933	1.44%	0.128%
24	15.974	2182	2191	2194	rVV9	49038	96979	1.53%	0.137%
25	16.045	2197	2203	2211	rVB3	68683	121827	1.92%	0.172%
26	17.068	2369	2377	2382	rBV	3185987	4401295	69.46%	6.208%
27	17.109	2382	2384	2388	rVV	149963	179253	2.83%	0.253%
28	17.168	2388	2394	2403	rVV	3663434	5341662	84.30%	7.534%
29	17.268	2407	2411	2419	rVB8	46170	74808	1.18%	0.106%
30	17.851	2504	2510	2515	rBV7	62949	116050	1.83%	0.164%
31	17.968	2526	2530	2539	rBV3	431064	594829	9.39%	0.839%
32	18.133	2554	2558	2562	rBV5	63748	105293	1.66%	0.149%
33	19.127	2719	2727	2735	rBV	399043	606622	9.57%	0.856%
34	19.256	2745	2749	2757	rBV3	220722	355280	5.61%	0.501%

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35	19.462	2779	2784	2799	rBV	3918527	6336290	100.00%	8.937%
36	20.974	3038	3041	3048	rVB2	623077	795254	12.55%	1.122%
37	21.256	3083	3089	3094	rBV	3029692	4122616	65.06%	5.815%
38	21.868	3187	3193	3206	rVB7	428576	1206154	19.04%	1.701%
39	22.809	3349	3353	3357	rBV3	474632	735312	11.60%	1.037%
40	23.338	3437	3443	3456	rVB2	2008566	3961929	62.53%	5.588%
41	23.480	3461	3467	3473	rVB	1432177	2680187	42.30%	3.780%

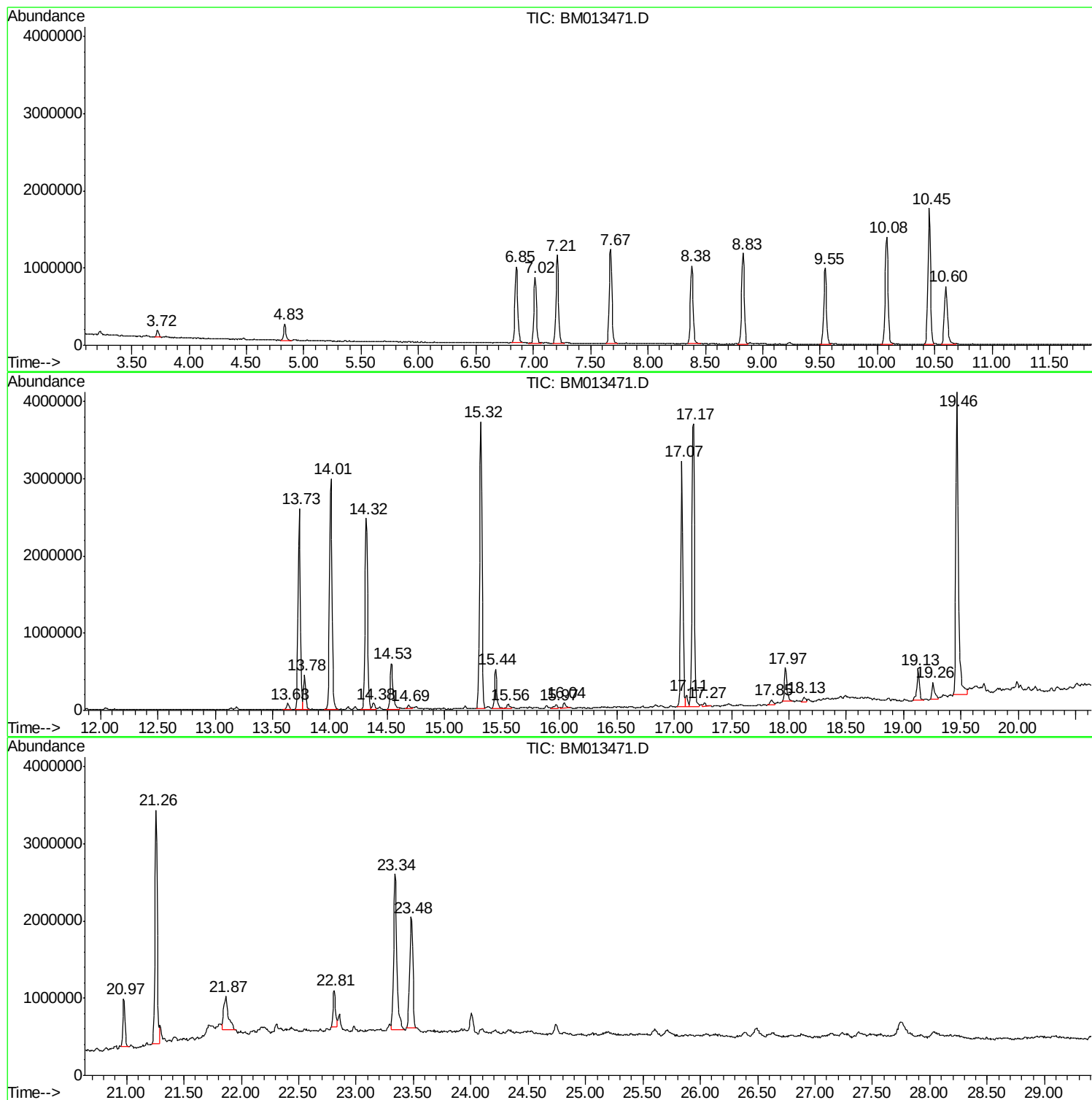
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TIC Library : C:\DATABASE\NIST11.L
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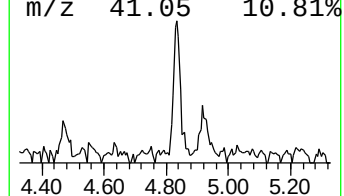
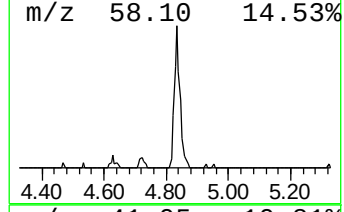
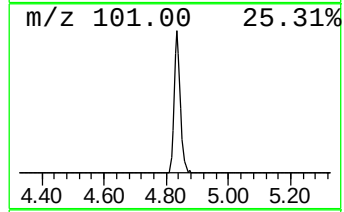
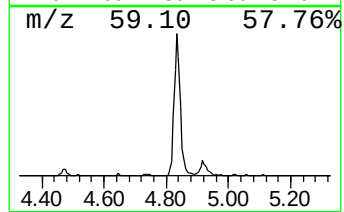
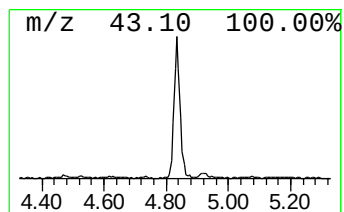
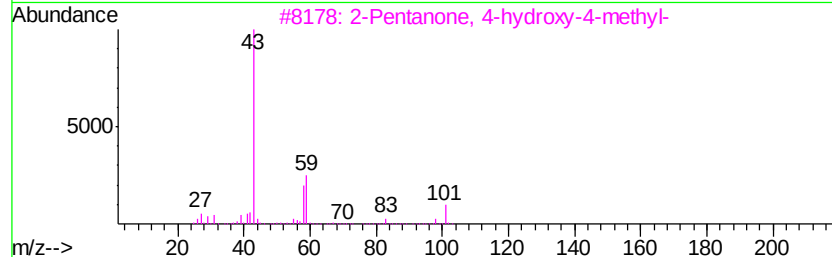
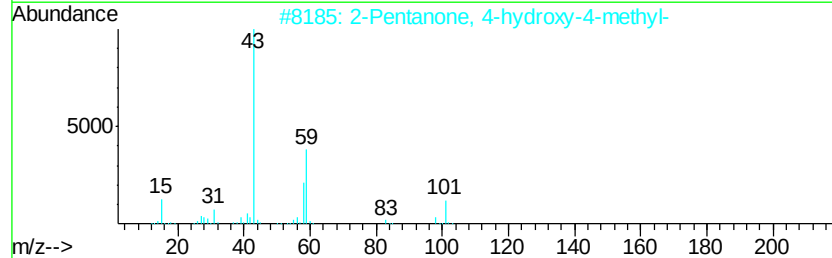
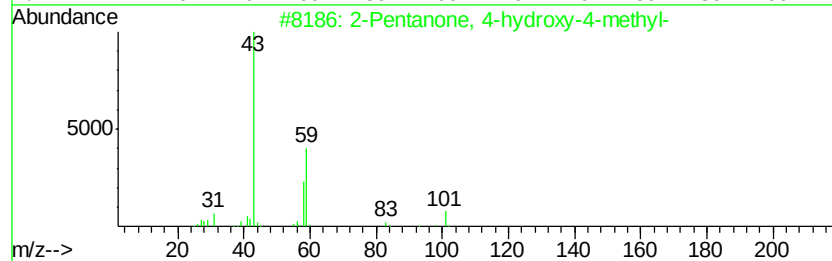
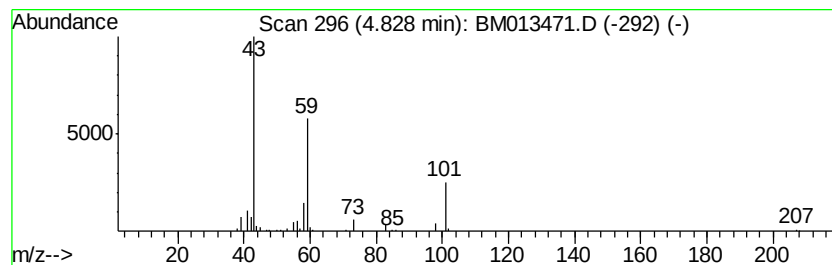
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.83	3.13 ng/ul	310172	1,4-Dichlorobenzene-d4	7.67

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40		
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40		
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	39		
4	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39		
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	38		



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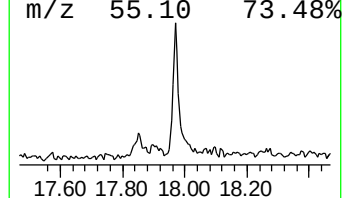
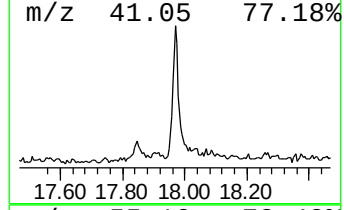
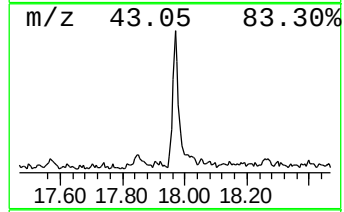
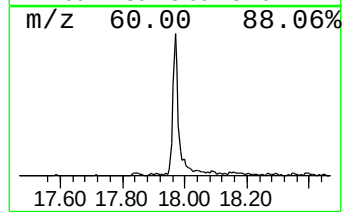
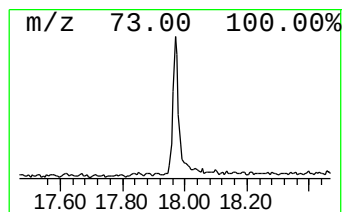
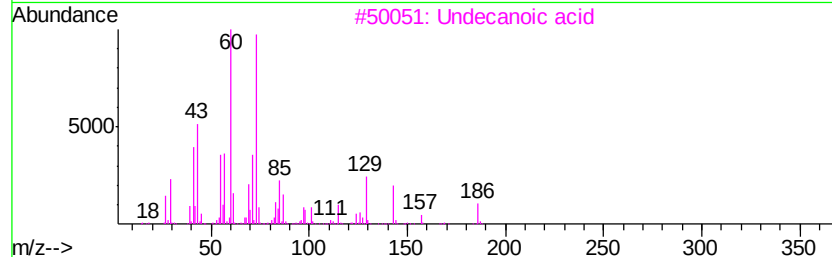
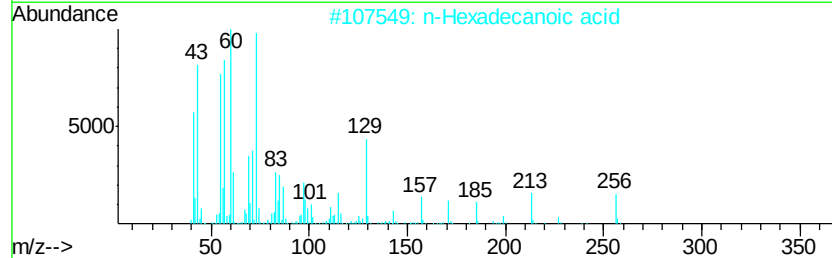
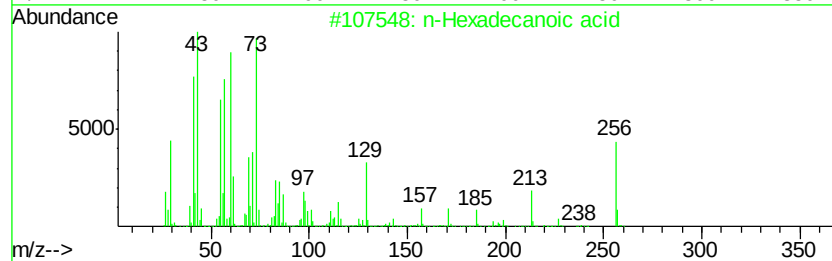
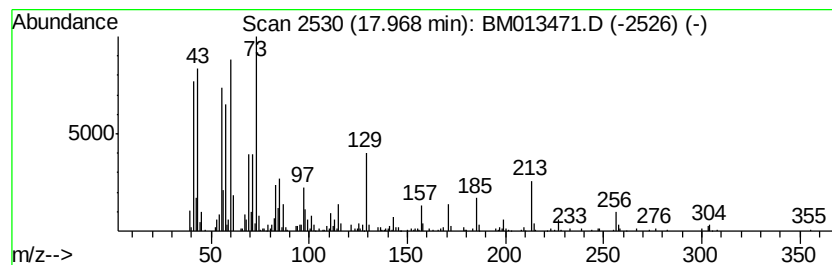
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.97	2.70 ng/ul	594829	Phenanthrene-d10	17.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
3		Undecanoic acid	186	C11H22O2	000112-37-8	74
4		n-Decanoic acid	172	C10H20O2	000334-48-5	70
5		n-Decanoic acid	172	C10H20O2	000334-48-5	70



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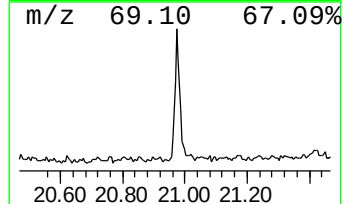
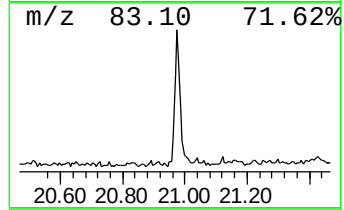
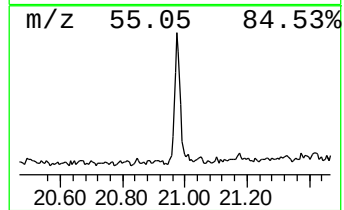
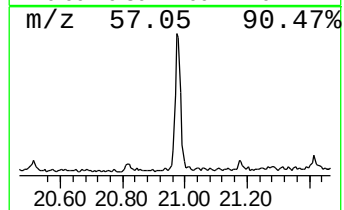
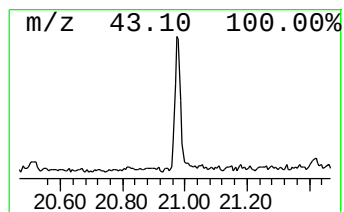
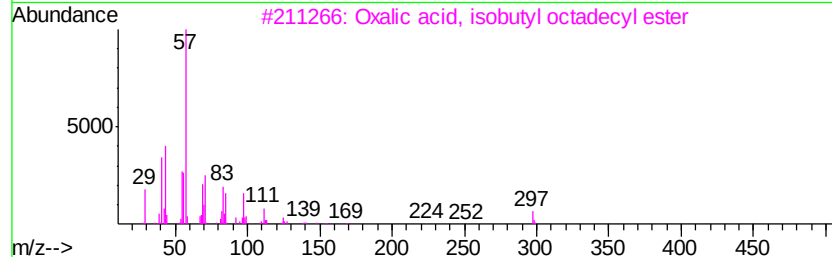
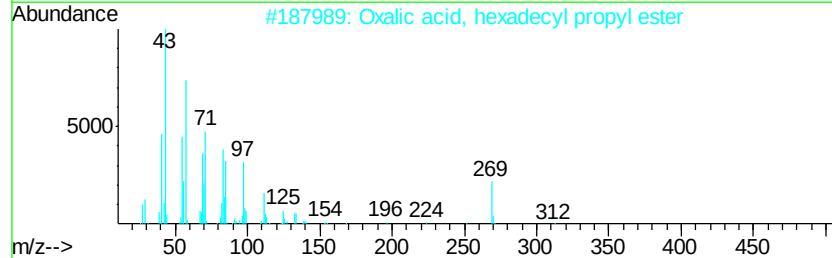
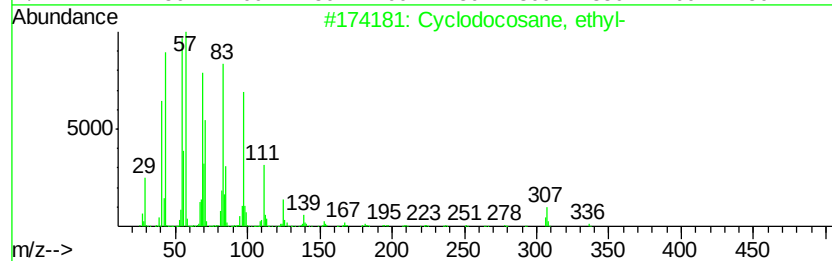
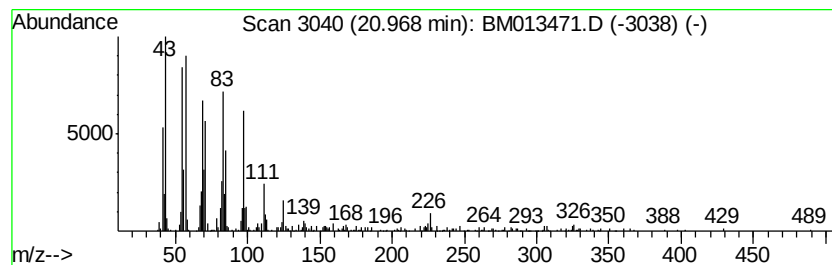
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.97	3.86 ng/ul	795254	Chrysene-d12	21.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclodocosane, ethyl-	336	C24H48	1000151-22-6	93
2		Oxalic acid, hexadecyl propyl ester	356	C21H40O4	1000309-26-9	91
3		Oxalic acid, isobutyl octadecyl ...	398	C24H46O4	1000309-38-3	87
4		Tetracosyl heptafluorobutyrate	550	C28H49F7O2	1000351-83-7	87
5		Octacosyl heptafluorobutyrate	606	C32H57F7O2	1000351-83-6	87



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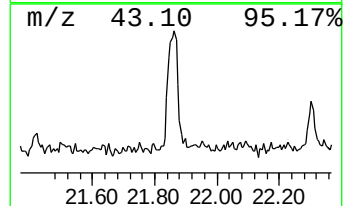
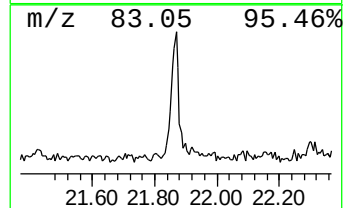
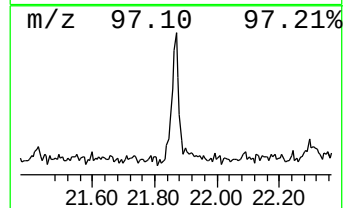
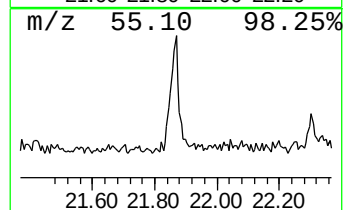
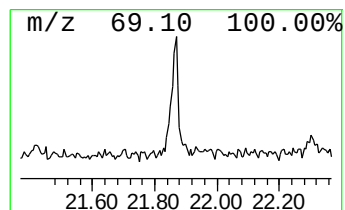
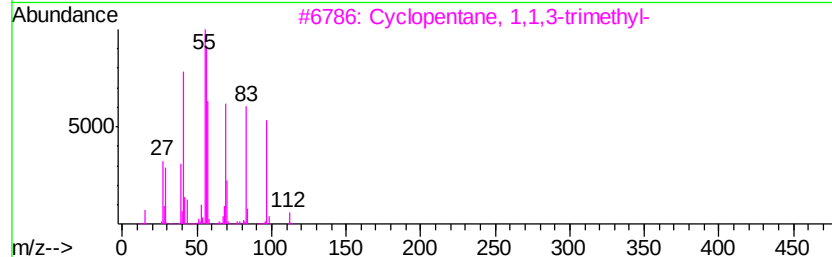
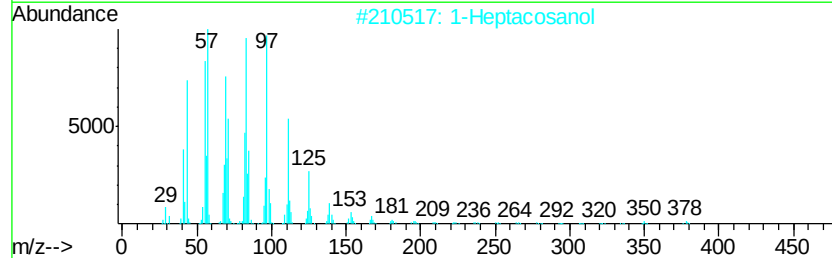
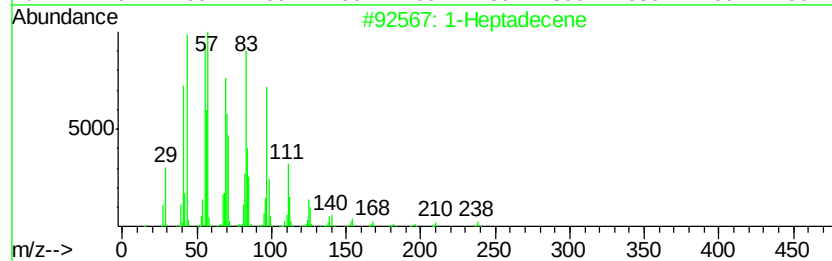
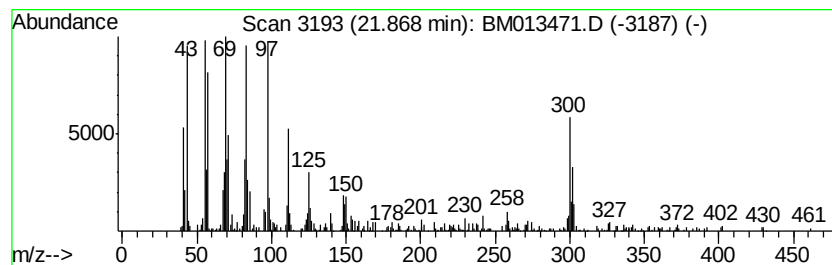
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Peak Number 4 (DEL) Alkane: Cyclic21.87 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.87	5.85 ng/ul	1206150	Chrysene-d12	21.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Heptadecene	238	C17H34	006765-39-5	64
2		1-Heptacosanol	396	C27H56O	002004-39-9	50
3		Cyclopentane, 1,1,3-trimethyl-	112	C8H16	004516-69-2	49
4		Bromoacetic acid, pentadecyl ester	348	C17H33BrO2	131143-01-6	46
5		Heptacosyl acetate	438	C29H58O2	1000351-78-2	45



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.83	3.1	ng/ul	310172	1	7.67	1983120	20.0
n-Hexadecanoic acid	17.97	2.7	ng/ul	594829	4	17.07	4401300	20.0
(DEL) Alkane: Str...	20.97	3.9	ng/ul	795254	5	21.26	4122620	20.0
(DEL) Alkane: Cyc...	21.87	5.8	ng/ul	1206150	5	21.26	4122620	20.0