

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052116\
 Data File : BM005573.D
 Acq On : 22 May 2016 04:50
 Operator : UM/SJ
 Sample : H2841-15
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9WT0

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-BM052016.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	2.651	7	11	27	rVB3	67876	151452	6.67%	0.572%
2	2.763	27	30	39	rVB	25769	35072	1.55%	0.132%
3	2.898	49	53	58	rVB	26421	28829	1.27%	0.109%
4	3.051	75	79	84	rVB	40980	46146	2.03%	0.174%
5	3.310	119	123	130	rVB	19121	25621	1.13%	0.097%
6	6.992	742	749	762	rVB	340098	552235	24.33%	2.084%
7	7.157	770	777	788	rVB	262463	398463	17.55%	1.504%
8	7.357	804	811	820	rBV	354018	564794	24.88%	2.132%
9	7.822	883	890	898	rBV	581975	942375	41.51%	3.557%
10	8.528	1000	1010	1021	rBV	402366	678979	29.91%	2.563%
11	8.980	1079	1087	1096	rVB	316981	528260	23.27%	1.994%
12	9.698	1202	1209	1216	rBV	274143	452312	19.93%	1.707%
13	10.233	1293	1300	1309	rBV	420177	705666	31.09%	2.664%
14	10.616	1357	1365	1372	rBV	771841	1335957	58.85%	5.043%
15	10.745	1380	1387	1394	rBV	260437	454841	20.04%	1.717%
16	12.204	1630	1635	1642	rBV2	23373	38346	1.69%	0.145%
17	13.863	1911	1917	1922	rBV	704417	983917	43.34%	3.714%
18	13.910	1922	1925	1933	rVB	183483	234786	10.34%	0.886%
19	14.145	1959	1965	1973	rVB	761310	1193333	52.57%	4.504%
20	14.351	1995	2000	2006	rBV	40104	52248	2.30%	0.197%
21	14.457	2009	2018	2026	rVV2	1070314	1674302	73.76%	6.320%
22	14.651	2043	2051	2067	rBV	348345	528229	23.27%	1.994%
23	15.304	2157	2162	2167	rVB	60386	74455	3.28%	0.281%
24	15.445	2180	2186	2193	rVB	999369	1463781	64.48%	5.525%
25	15.562	2200	2206	2213	rBV	288960	408284	17.99%	1.541%
26	15.686	2221	2227	2229	rBV3	18318	27170	1.20%	0.103%
27	16.162	2303	2308	2311	rBV	61345	81609	3.60%	0.308%
28	16.598	2378	2382	2385	rBV2	19303	24040	1.06%	0.091%
29	16.956	2438	2443	2446	rBV	35916	48444	2.13%	0.183%
30	17.198	2478	2484	2490	rVB	1387535	1926133	84.85%	7.270%
31	17.292	2494	2500	2510	rVB	1022502	1547319	68.16%	5.840%
32	17.574	2541	2548	2564	rBV	298103	403071	17.76%	1.521%
33	18.086	2630	2635	2645	rBV	159917	233637	10.29%	0.882%
34	18.415	2688	2691	2700	rVB3	13463	24381	1.07%	0.092%

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35	19.221	2824	2828	2831	rBV2	16953	23587	1.04%	0.089%
36	19.368	2849	2853	2856	rBV2	30709	42088	1.85%	0.159%
37	19.586	2884	2890	2896	rBV	1368479	1887511	83.15%	7.124%
38	21.080	3140	3144	3150	rBV	179552	223454	9.84%	0.843%
39	21.374	3189	3194	3199	rBV	1679615	2218224	97.72%	8.373%
40	22.433	3371	3374	3381	rVB	77181	106252	4.68%	0.401%
41	23.509	3550	3557	3570	rVB	913210	1854222	81.68%	6.999%
42	23.656	3575	3582	3591	rVB	1126363	2269973	100.00%	8.568%

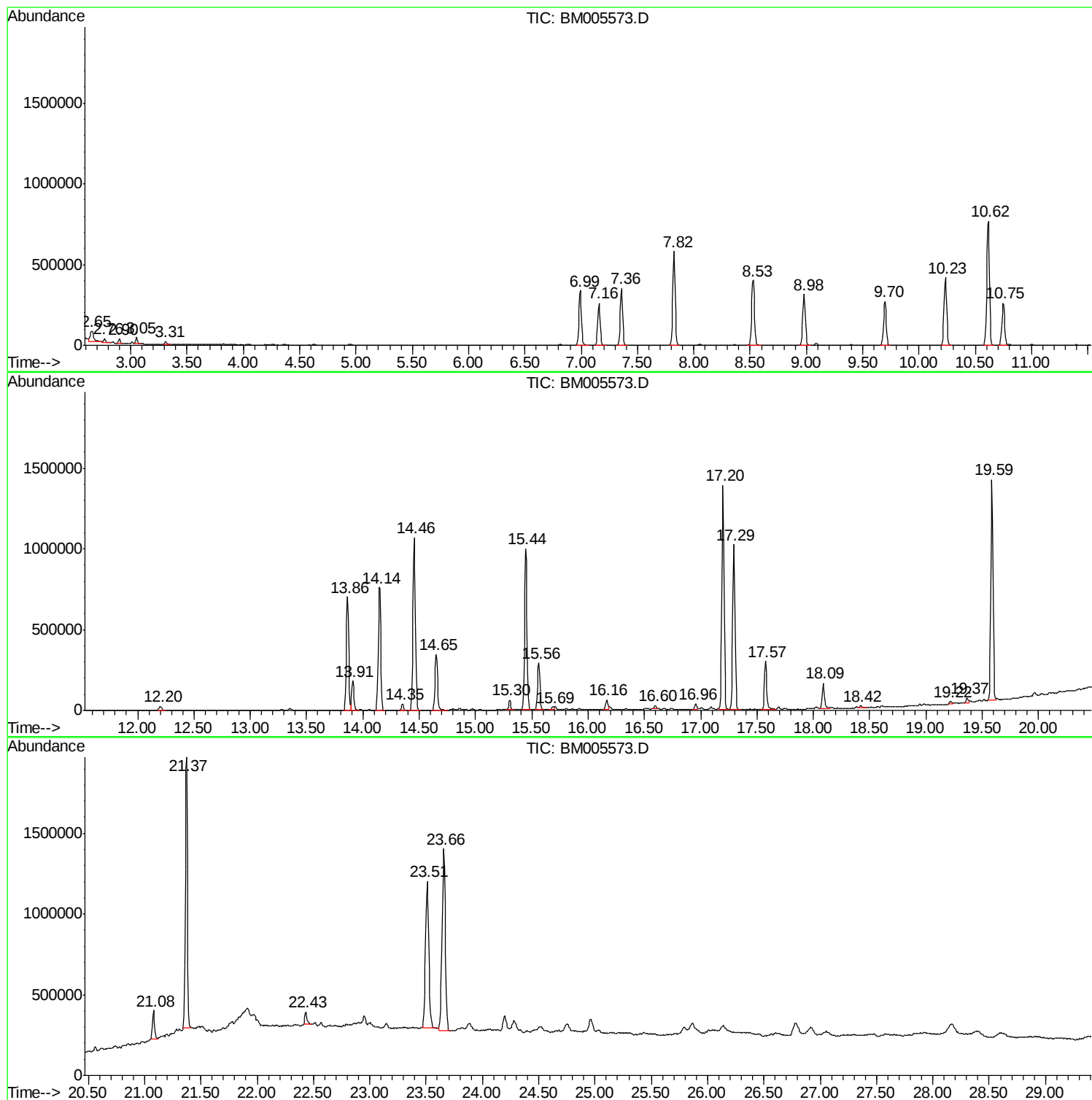
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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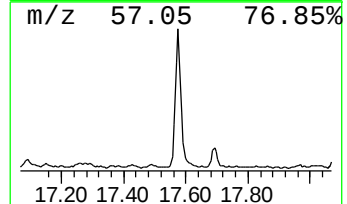
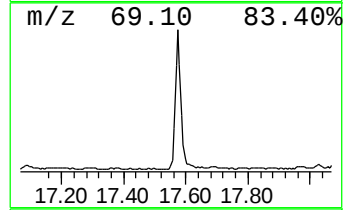
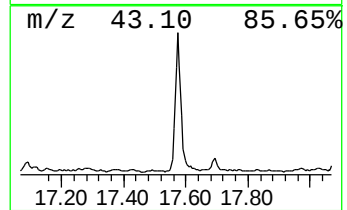
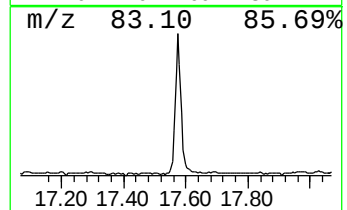
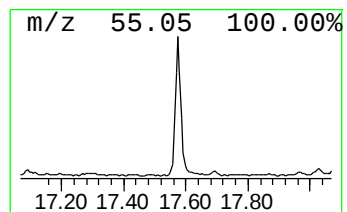
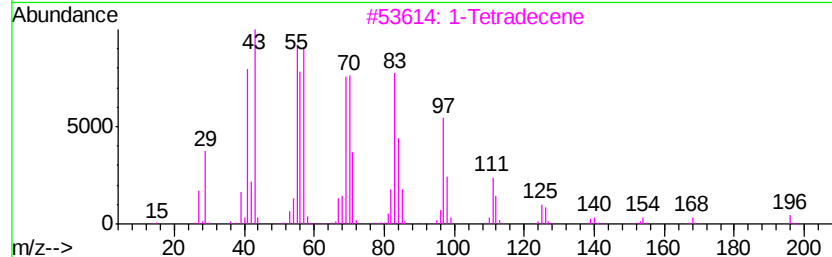
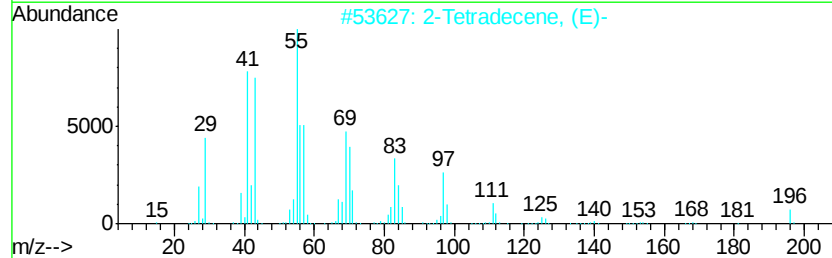
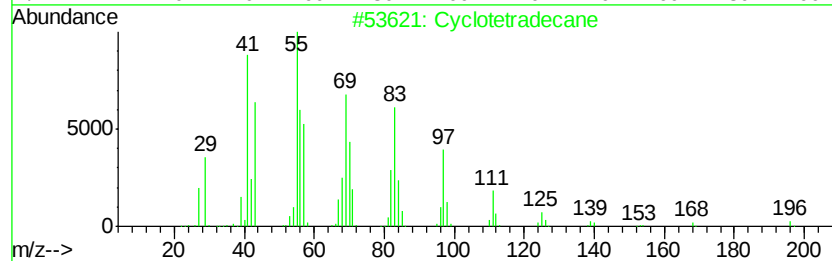
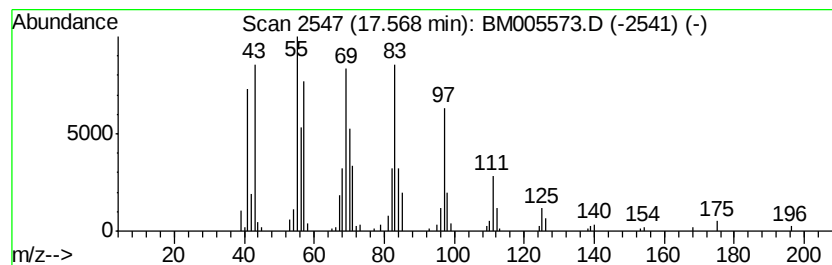
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.57	4.19 ng/ul	403071	Phenanthrene-d10	17.20	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetradecane	196	C14H28	000295-17-0	97
2	2-Tetradecene, (E)-	196	C14H28	035953-53-8	96
3	1-Tetradecene	196	C14H28	001120-36-1	95
4	1-Hexadecanol	242	C16H34O	036653-82-4	95
5	9-Eicosene, (E)-	280	C20H40	074685-29-3	94



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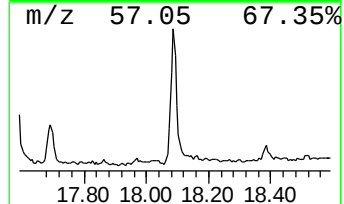
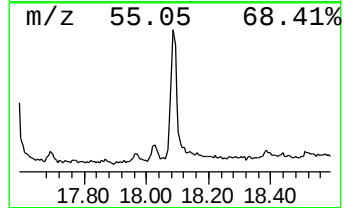
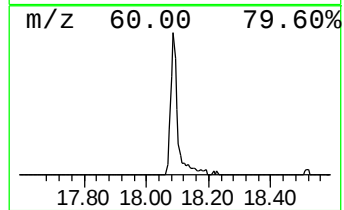
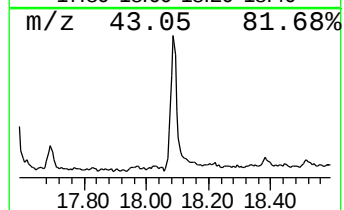
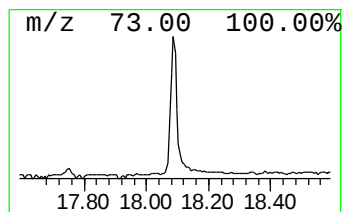
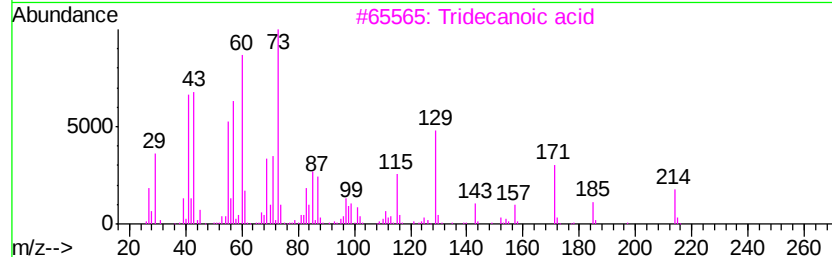
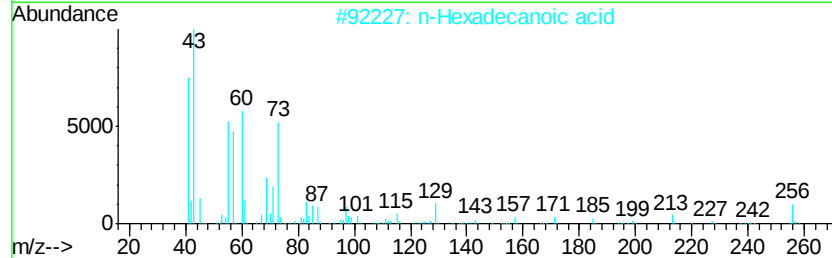
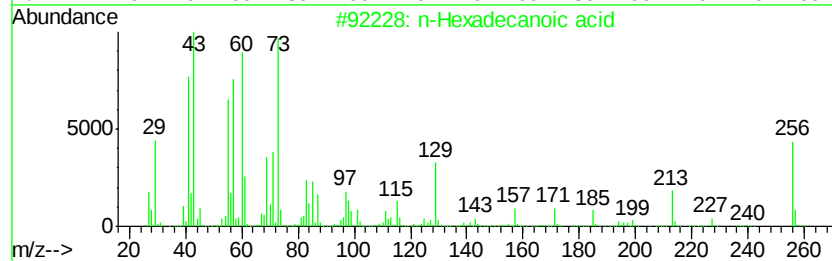
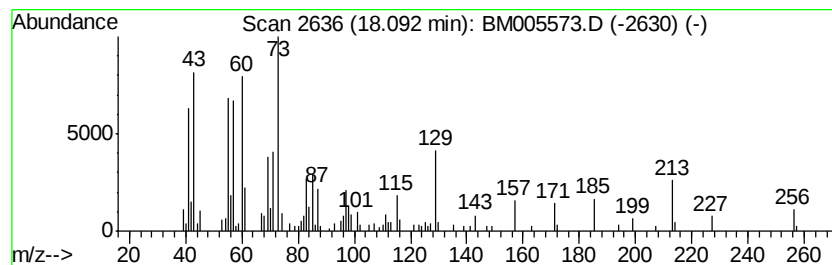
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.09	2.43 ng/ul	233637	Phenanthrene-d10	17.20		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98	
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95	
3	Tridecanoic acid	214	C13H26O2	000638-53-9	94	
4	Undecanoic acid	186	C11H22O2	000112-37-8	81	
5	Tridecanoic acid	214	C13H26O2	000638-53-9	76	



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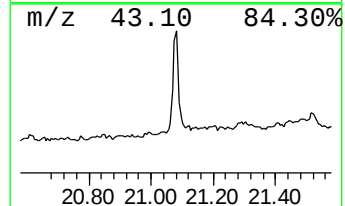
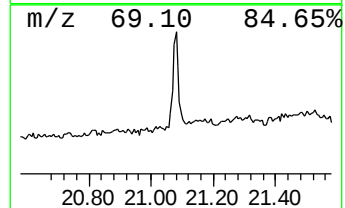
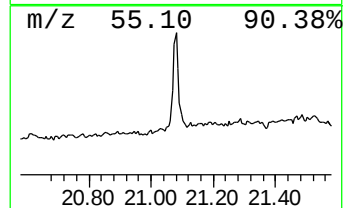
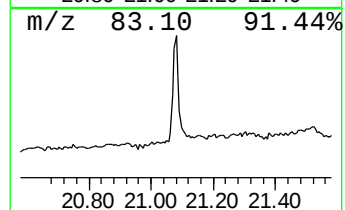
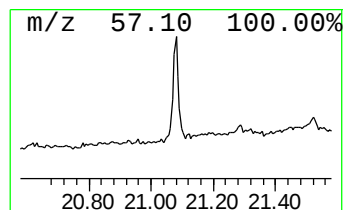
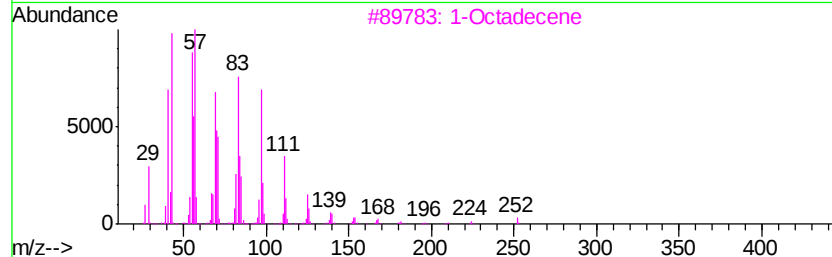
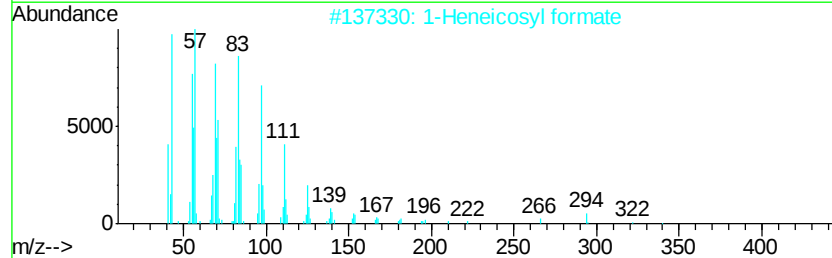
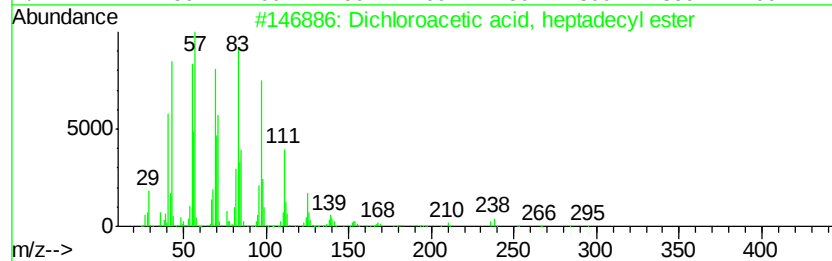
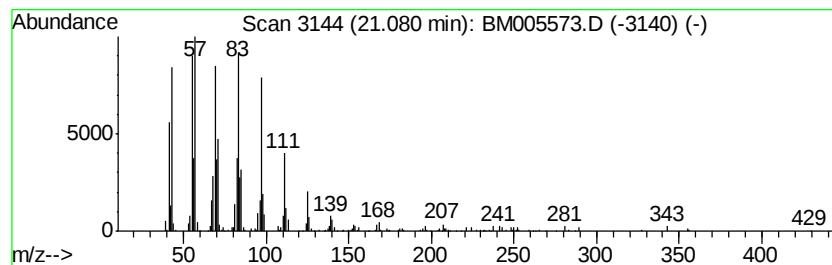
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Peak Number 4 Dichloroacetic acid, heptad... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.08	2.01 ng/ul	223454	Chrysene-d12	21.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	94
2		1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
3		1-Octadecene	252	C18H36	000112-88-9	93
4		1-Nonadecanol	284	C19H40O	001454-84-8	93
5		Cyclopentadecane	210	C15H30	000295-48-7	93



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: Str...	17.57	4.2	ng/ul	403071	4	17.20	1926130	20.0
n-Hexadecanoic acid	18.09	2.4	ng/ul	233637	4	17.20	1926130	20.0
Dichloroacetic ac...	21.08	2.0	ng/ul	223454	5	21.37	2218220	20.0