

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_M\DATA\BM012318\
 Data File : BM013757.D
 Acq On : 24 Jan 2018 07:35
 Operator : SJ/JU
 Sample : J1220-10
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6A12

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-BM011018.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	3.158	25	29	37	rVB2	48442	71326	1.50%	0.128%
2	6.787	640	646	661	rBV2	812743	1494759	31.38%	2.678%
3	6.951	668	674	683	rVB	740081	1110130	23.30%	1.989%
4	7.140	699	706	716	rBV	998474	1559730	32.74%	2.794%
5	7.604	779	785	793	rBV	817037	1274101	26.74%	2.282%
6	8.316	900	906	915	rBV	761599	1275458	26.77%	2.285%
7	8.757	969	981	992	rBV	965633	1635045	34.32%	2.929%
8	8.887	997	1003	1008	rBV3	43728	70702	1.48%	0.127%
9	9.157	1045	1049	1057	rVB2	43417	69526	1.46%	0.125%
10	9.475	1096	1103	1115	rBV	844453	1427791	29.97%	2.558%
11	10.010	1187	1194	1207	rBV	1165719	2047973	42.99%	3.669%
12	10.381	1249	1257	1264	rBV	1050318	1721674	36.14%	3.084%
13	10.528	1275	1282	1294	rBV	821823	1518526	31.87%	2.720%
14	13.075	1711	1715	1722	rBV2	35705	65973	1.38%	0.118%
15	13.675	1810	1817	1821	rBV	2044968	2839684	59.60%	5.087%
16	13.722	1821	1825	1833	rVB	610162	833340	17.49%	1.493%
17	13.945	1853	1863	1870	rBV	2415650	3579824	75.14%	6.413%
18	14.163	1894	1900	1904	rBV	109789	139654	2.93%	0.250%
19	14.257	1909	1916	1923	rBV2	1382822	2111106	44.31%	3.782%
20	14.486	1949	1955	1974	rBV	648833	1269935	26.66%	2.275%
21	15.063	2049	2053	2058	rBV2	68124	103722	2.18%	0.186%
22	15.116	2058	2062	2069	rVB	122743	172886	3.63%	0.310%
23	15.257	2075	2086	2093	rBV	2872701	4146918	87.04%	7.429%
24	15.392	2100	2109	2121	rBV	731807	1106753	23.23%	1.983%
25	15.504	2123	2128	2129	rBV3	36647	50274	1.06%	0.090%
26	15.986	2205	2210	2218	rBV	117836	195216	4.10%	0.350%
27	16.780	2341	2345	2350	rBV2	75617	109364	2.30%	0.196%
28	17.010	2377	2384	2390	rBV2	1745982	2406098	50.50%	4.310%
29	17.110	2395	2401	2410	rVB	3049863	4238941	88.98%	7.593%
30	17.515	2466	2470	2476	rBV2	44332	59443	1.25%	0.106%
31	17.915	2533	2538	2547	rBV	434781	623190	13.08%	1.116%
32	19.051	2726	2731	2734	rBV2	62735	90005	1.89%	0.161%
33	19.204	2752	2757	2764	rBV3	253980	384605	8.07%	0.689%
34	19.327	2775	2778	2782	rVB	62454	73890	1.55%	0.132%

LSC Area Percent Report

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35	19.415	2786	2793	2800	rBV	3448879	4764171	100.00%	8.534%
36	20.339	2946	2950	2951	rBV4	53565	61699	1.30%	0.111%
37	20.933	3047	3051	3058	rVB	429183	555206	11.65%	0.995%
38	21.209	3093	3098	3107	rBV	2080175	2716145	57.01%	4.866%
39	21.821	3199	3202	3207	rVB4	187148	258468	5.43%	0.463%
40	22.745	3355	3359	3364	rBV3	181064	271277	5.69%	0.486%
41	23.274	3442	3449	3457	rBV2	2550982	4677636	98.18%	8.379%
42	23.409	3466	3472	3484	rVB	1386080	2641588	55.45%	4.732%

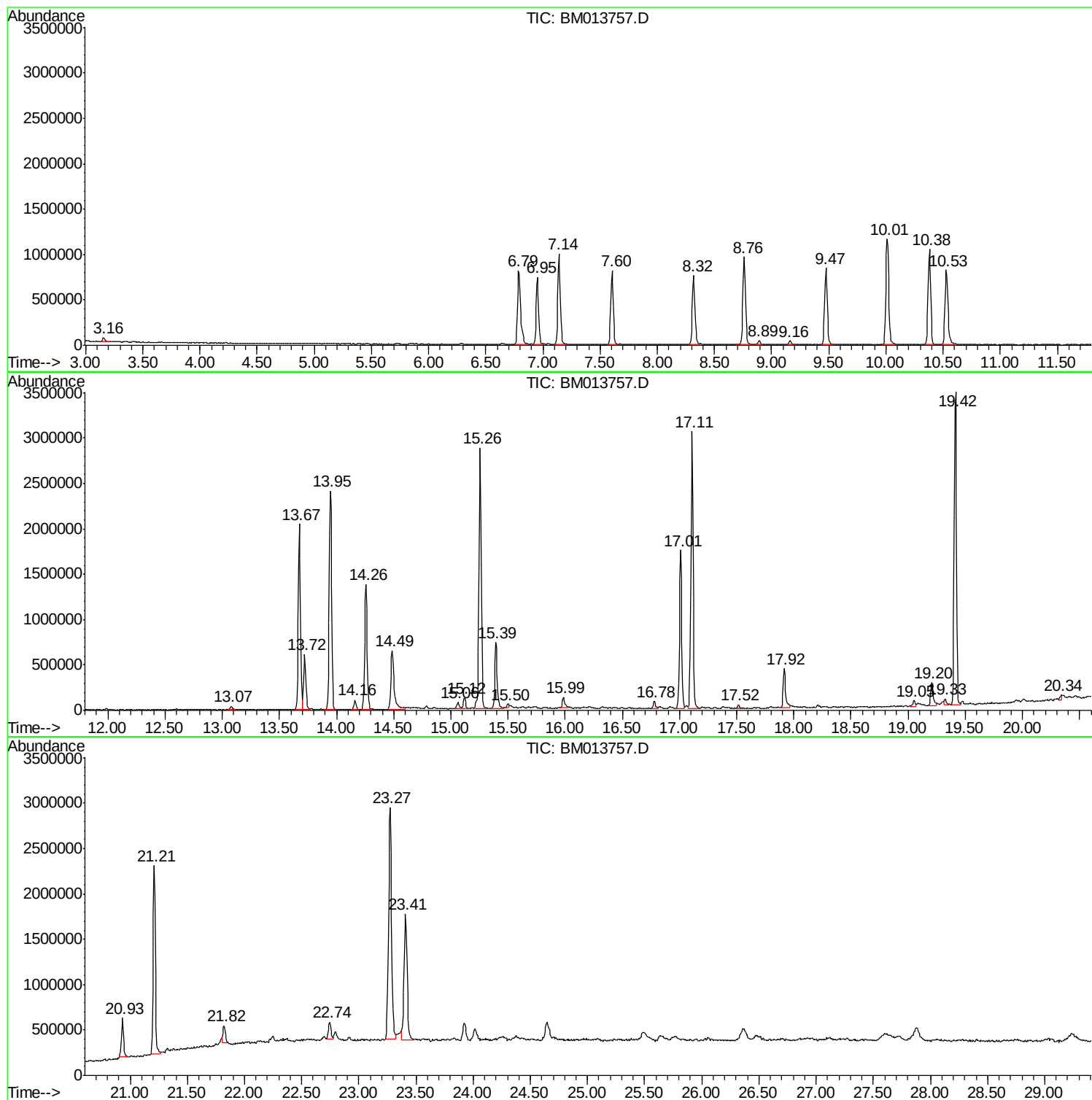
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TIC Library : C:\DATABASE\NIST11.L
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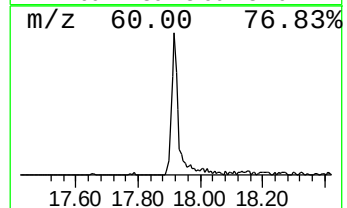
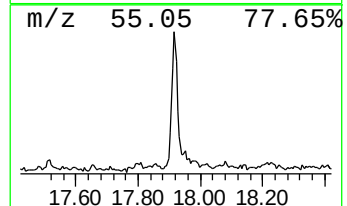
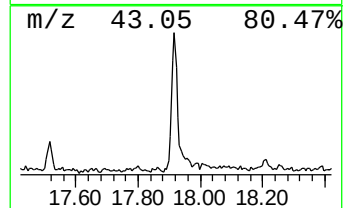
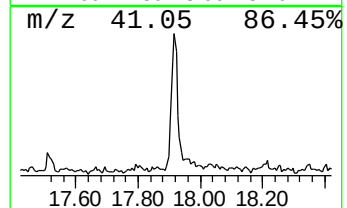
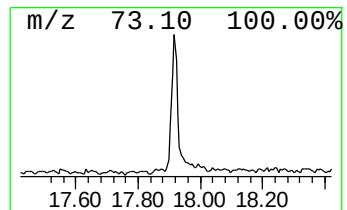
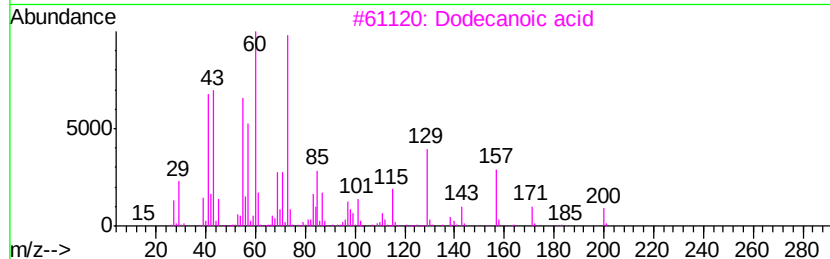
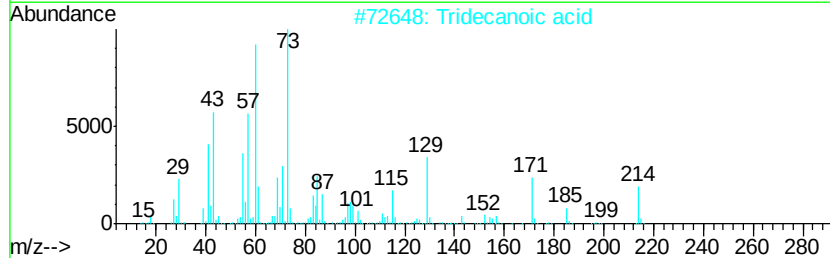
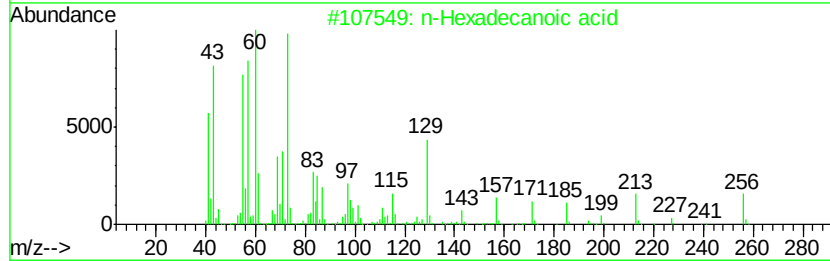
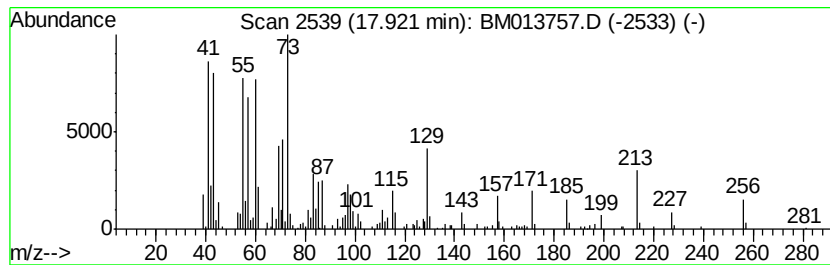
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.92	5.18 ng/ul	623190	Phenanthrene-d10	17.01
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		n-Hexadecanoic acid	256 C16H32O2	000057-10-3 99
2		Tridecanoic acid	214 C13H26O2	000638-53-9 91
3		Dodecanoic acid	200 C12H24O2	000143-07-7 90
4		Tridecanoic acid	214 C13H26O2	000638-53-9 89
5		Pentadecanoic acid	242 C15H30O2	001002-84-2 87



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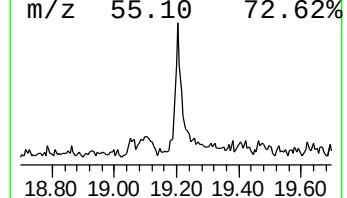
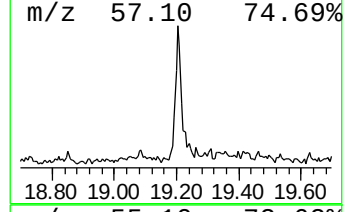
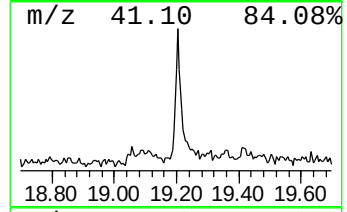
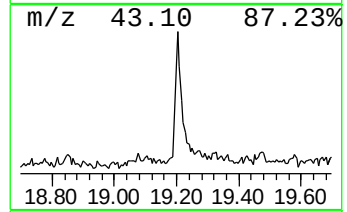
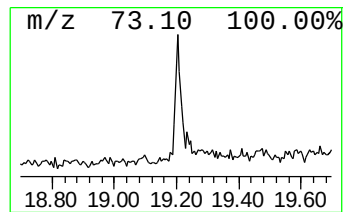
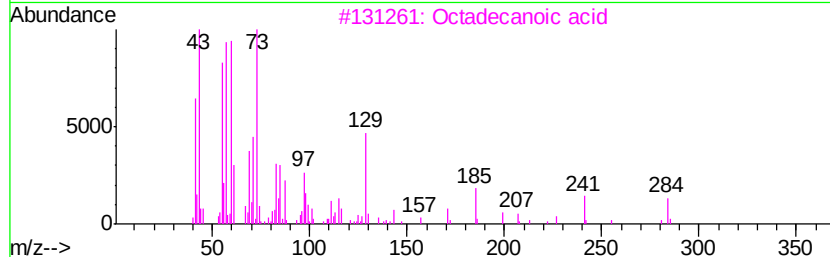
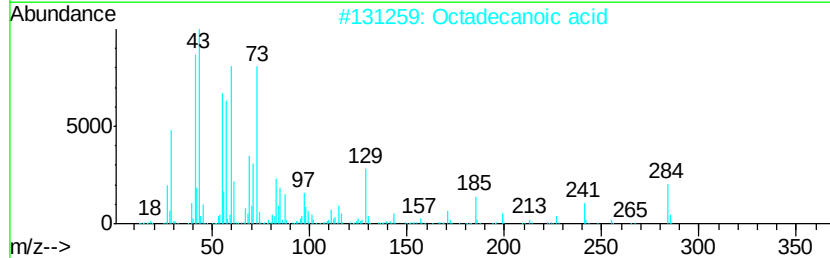
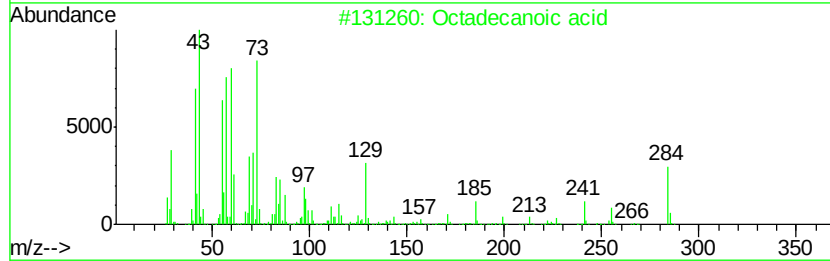
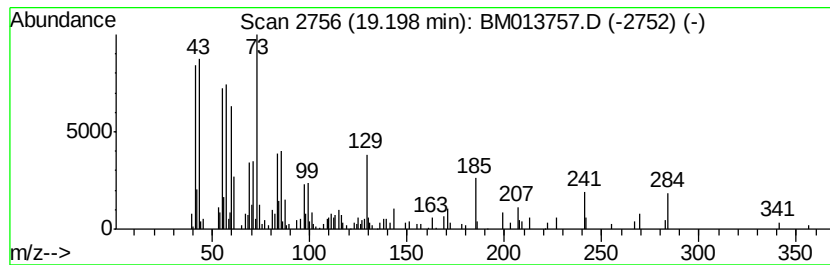
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Peak Number 2 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.20	2.83 ng/ul	384605	Chrysene-d12	21.21

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	93
2			Octadecanoic acid	284	C18H36O2	000057-11-4	90
3			Octadecanoic acid	284	C18H36O2	000057-11-4	87
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	76
5			Pentadecanoic acid	242	C15H30O2	001002-84-2	74



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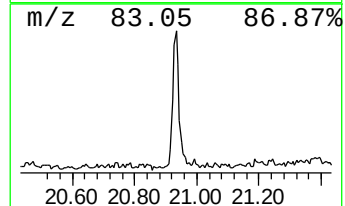
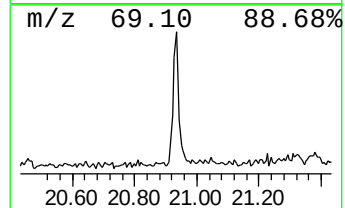
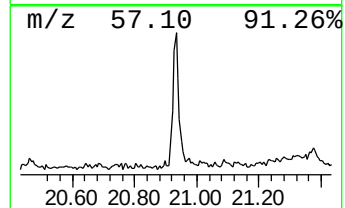
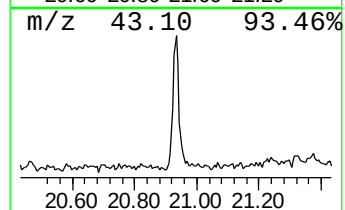
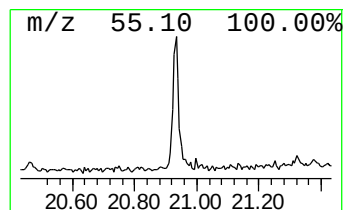
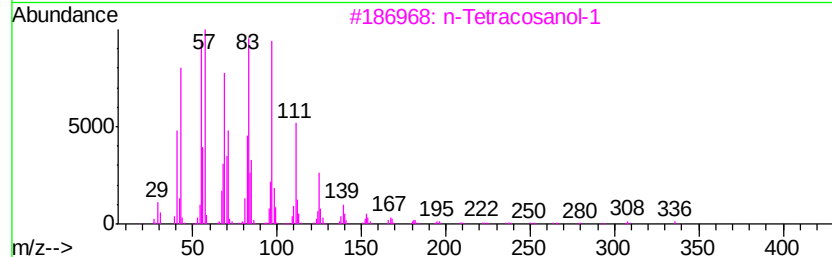
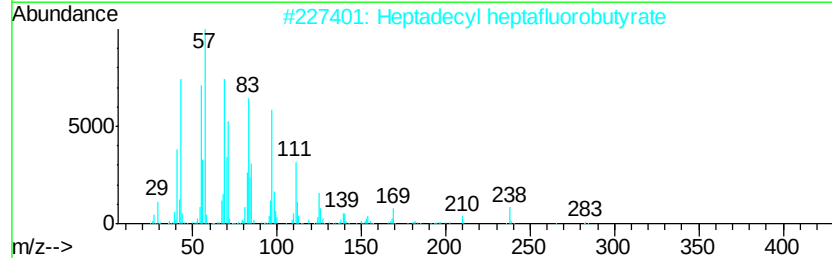
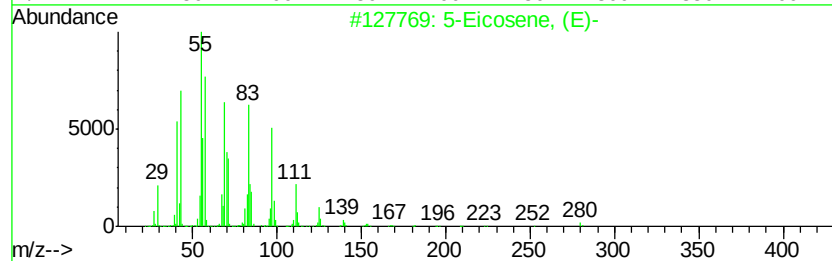
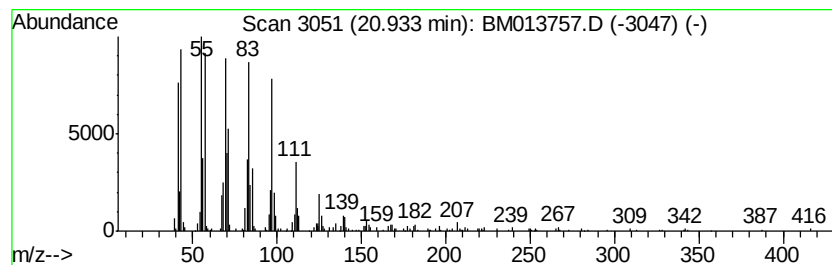
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TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Cyclic20.93 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.93	4.09 ng/ul	555206	Chrysene-d12	21.21	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	98
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
4	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	94
5	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	93



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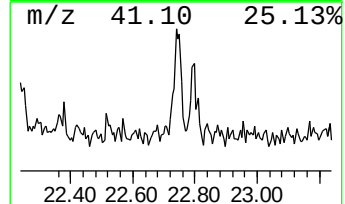
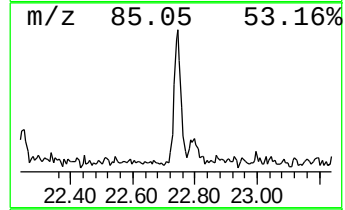
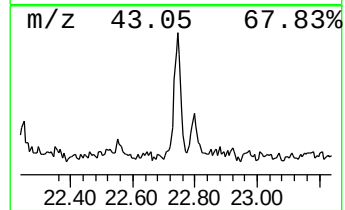
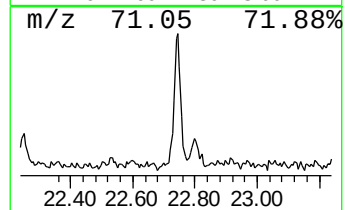
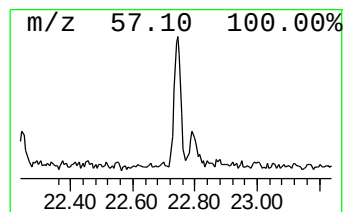
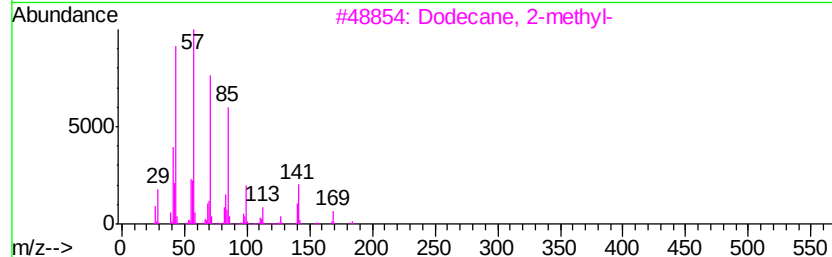
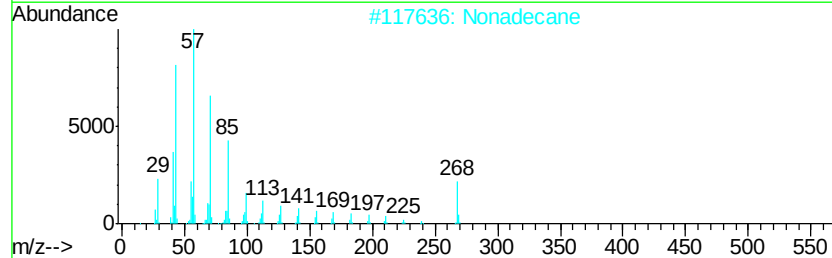
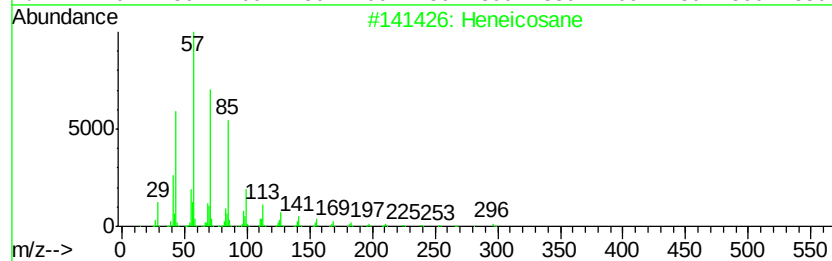
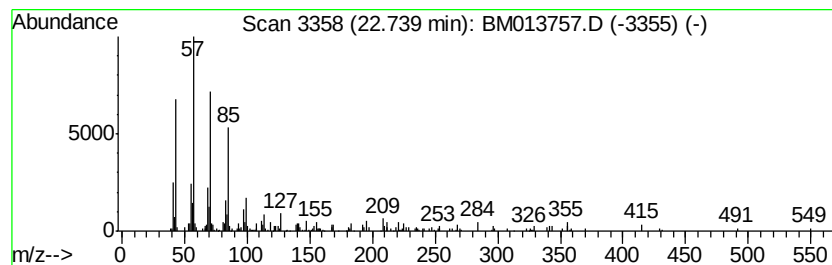
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.74	2.05 ng/ul	271277	Perylene-d12	23.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	96
2		Nonadecane	268	C19H40	000629-92-5	89
3		Dodecane, 2-methyl-	184	C13H28	001560-97-0	89
4		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
5		Pentadecane	212	C15H32	000629-62-9	70



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.92	5.2	ng/ul	623190	4	17.01	2406100	20.0
Octadecanoic acid	19.20	2.8	ng/ul	384605	5	21.21	2716150	20.0
(DEL) Alkane: Cyc...	20.93	4.1	ng/ul	555206	5	21.21	2716150	20.0
(DEL) Alkane: Str...	22.74	2.0	ng/ul	271277	6	23.41	2641590	20.0