

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031218\
 Data File : BM014528.D
 Acq On : 12 Mar 2018 21:34
 Operator : SJ/JU
 Sample : J1813-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6F18

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-BM021418.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	6.687	640	646	662	rBV	226725	517896	20.97%	1.996%
2	6.828	664	670	684	rVB	201532	352376	14.27%	1.358%
3	7.016	696	702	716	rBV	301626	560508	22.70%	2.160%
4	7.475	774	780	789	rBV	291715	500552	20.27%	1.929%
5	8.210	899	905	928	rVB2	290799	610263	24.71%	2.352%
6	8.639	972	978	992	rBV	321775	620764	25.14%	2.393%
7	9.357	1092	1100	1113	rBV2	303927	593716	24.04%	2.288%
8	9.904	1186	1193	1207	rBV2	314246	724937	29.36%	2.794%
9	10.245	1245	1251	1259	rBV	426354	700745	28.38%	2.701%
10	10.422	1272	1281	1302	rBV	255019	695832	28.18%	2.682%
11	12.945	1706	1710	1714	rBV4	19407	29332	1.19%	0.113%
12	13.563	1810	1815	1821	rBV	845231	1354512	54.85%	5.221%
13	13.616	1821	1824	1830	rVB	123931	182390	7.39%	0.703%
14	13.833	1853	1861	1869	rBV	948459	1470006	59.53%	5.666%
15	14.039	1889	1896	1902	rBV2	46836	71251	2.89%	0.275%
16	14.139	1906	1913	1920	rBV2	634500	969803	39.27%	3.738%
17	14.439	1959	1964	1979	rBV2	192303	597929	24.21%	2.305%
18	14.539	1979	1981	1988	rVV6	29968	68018	2.75%	0.262%
19	14.592	1988	1990	1998	rVV6	20669	50607	2.05%	0.195%
20	14.663	1998	2002	2010	rVB7	16364	33109	1.34%	0.128%
21	14.998	2055	2059	2065	rBV2	52329	74201	3.00%	0.286%
22	15.145	2078	2084	2093	rBV	1141380	1764095	71.44%	6.800%
23	15.327	2109	2115	2123	rBV2	324191	606206	24.55%	2.337%
24	15.398	2123	2127	2133	rVB7	30102	59017	2.39%	0.227%
25	15.868	2199	2207	2213	rBV3	34984	56121	2.27%	0.216%
26	16.904	2378	2383	2392	rBV	922051	1261454	51.09%	4.862%
27	17.004	2394	2400	2413	rBV2	1236301	2016358	81.66%	7.772%
28	17.815	2532	2538	2548	rBV2	198461	333545	13.51%	1.286%
29	18.956	2728	2732	2735	rBV4	64536	91010	3.69%	0.351%
30	19.109	2753	2758	2764	rBV4	92361	150646	6.10%	0.581%
31	19.250	2778	2782	2785	rBV	172761	193884	7.85%	0.747%
32	19.321	2788	2794	2800	rVV	1628176	2377313	96.28%	9.163%
33	19.368	2800	2802	2807	rVB2	58370	62407	2.53%	0.241%
34	20.262	2947	2954	2957	rBV6	105016	174065	7.05%	0.671%

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35	20.303	2958	2961	2967	rVB5	109899	125966	5.10%	0.486%
36	20.368	2969	2972	2976	rVV3	70062	84772	3.43%	0.327%
37	20.409	2976	2979	2985	rVB8	30336	36115	1.46%	0.139%
38	20.833	3046	3051	3058	rBV3	251527	331872	13.44%	1.279%
39	21.127	3096	3101	3110	rBV	1112112	1535600	62.19%	5.919%
40	23.156	3439	3446	3454	rBV2	1445911	2469291	100.00%	9.518%
41	23.291	3464	3469	3478	rVB	749529	1377965	55.80%	5.311%
42	24.444	3663	3665	3666	rBV2	70054	57172	2.32%	0.220%

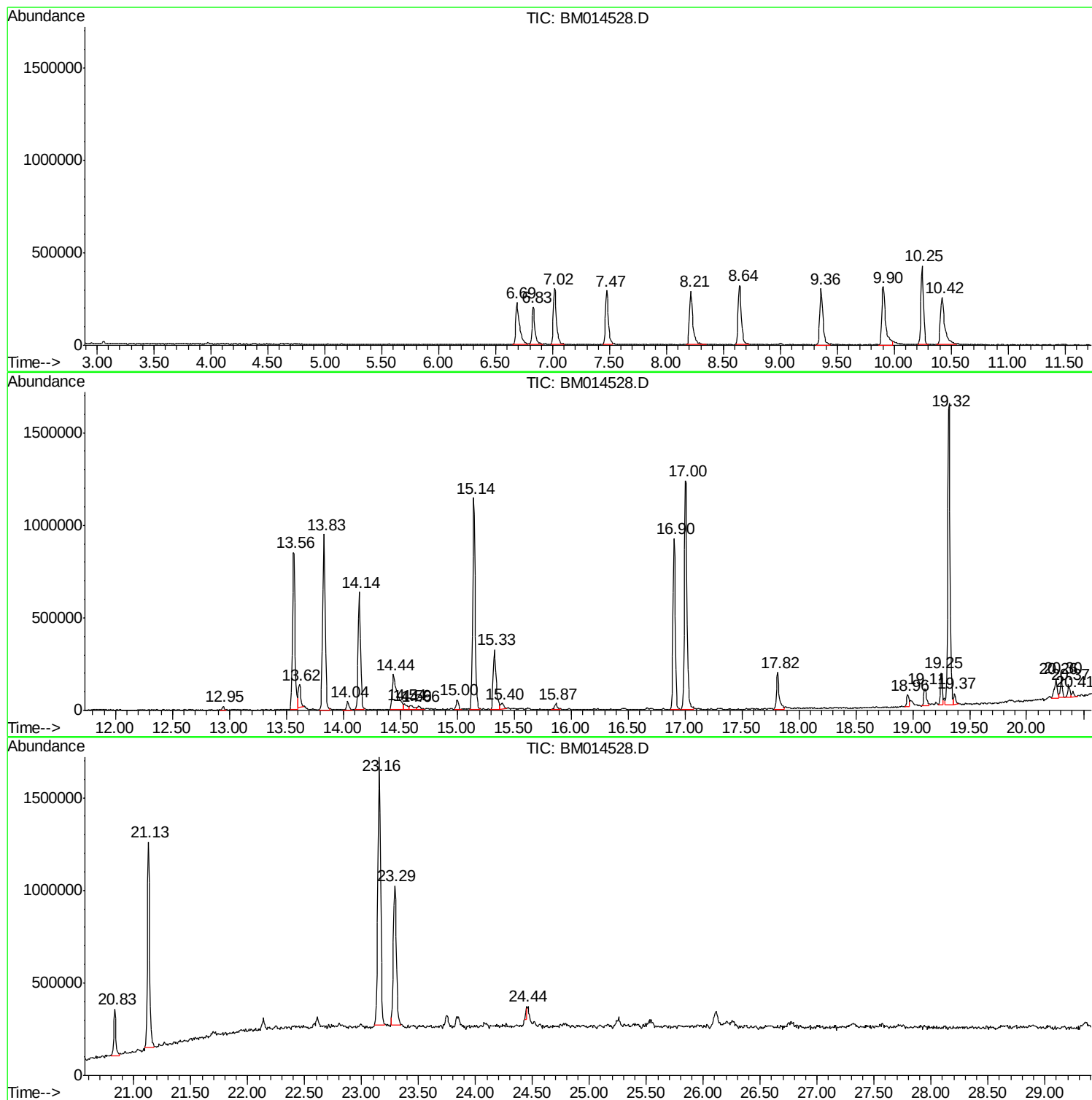
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TIC Library : C:\DATABASE\NIST11.L
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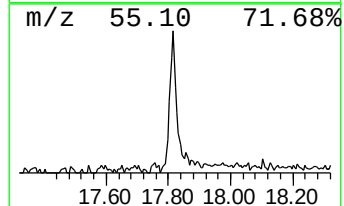
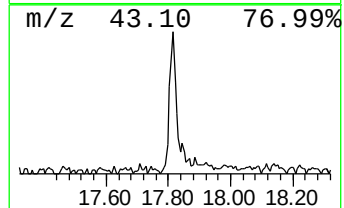
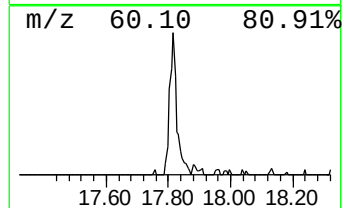
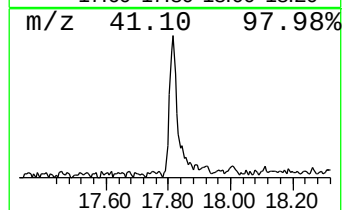
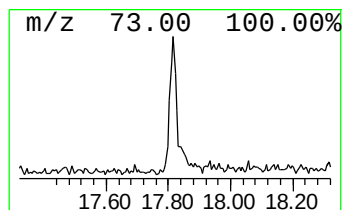
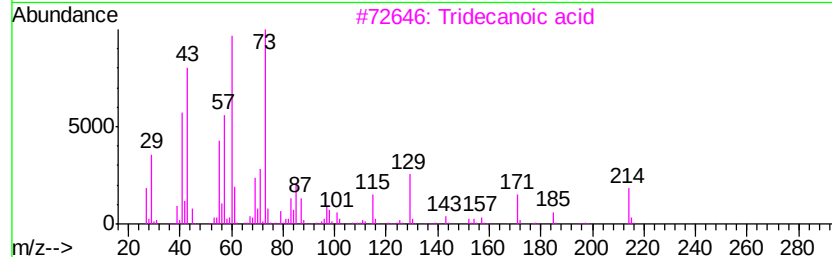
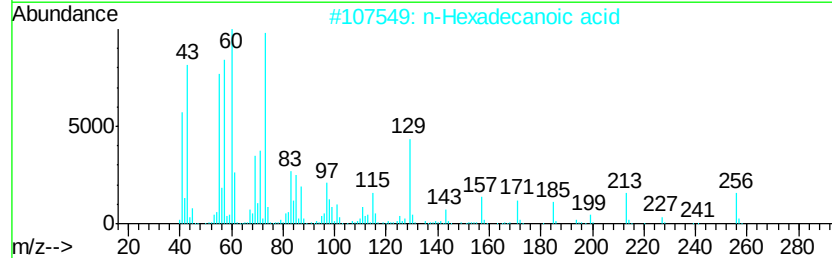
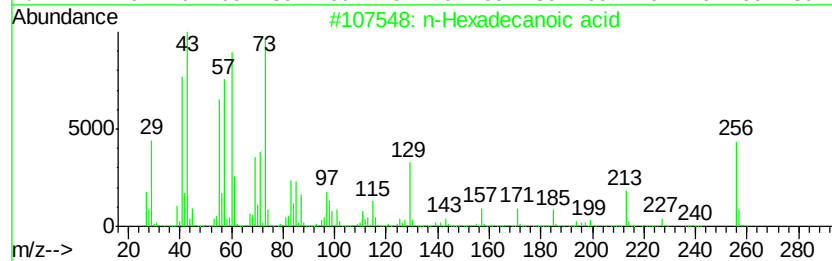
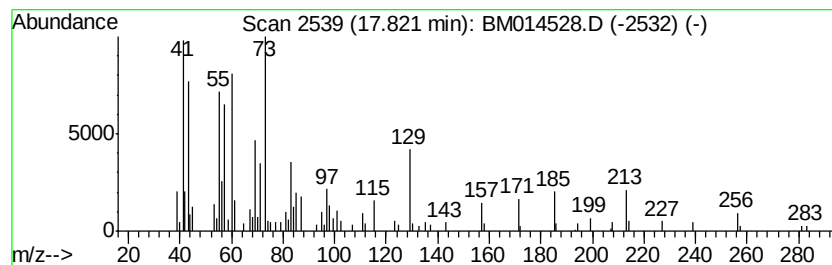
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TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.82	5.29 ng/ul	333545	Phenanthrene-d10	16.90	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
3	Tridecanoic acid	214	C13H26O2	000638-53-9	89
4	Tridecanoic acid	214	C13H26O2	000638-53-9	76
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	74



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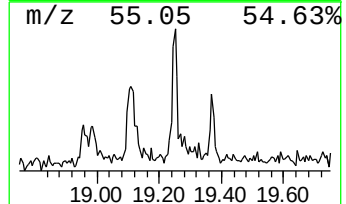
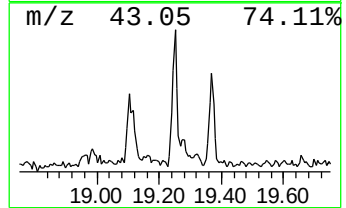
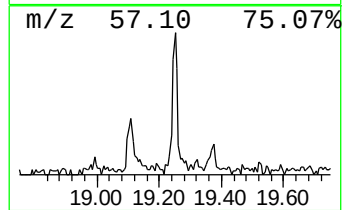
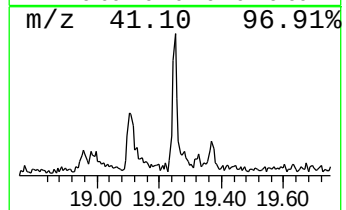
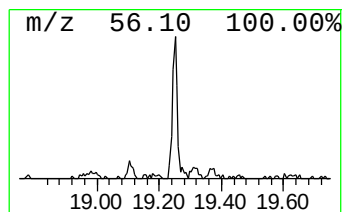
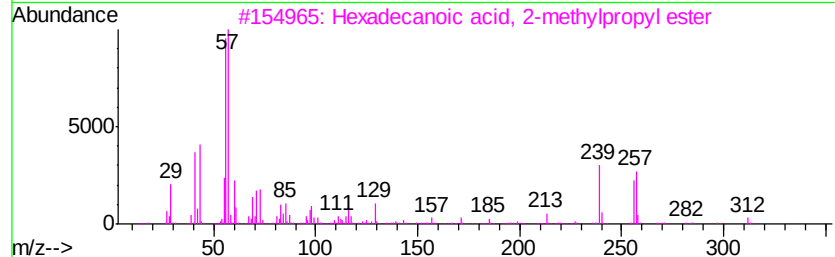
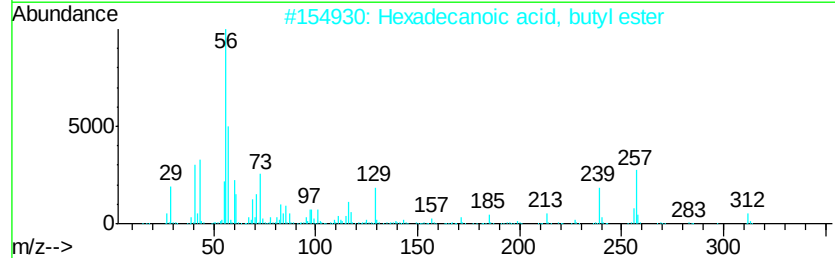
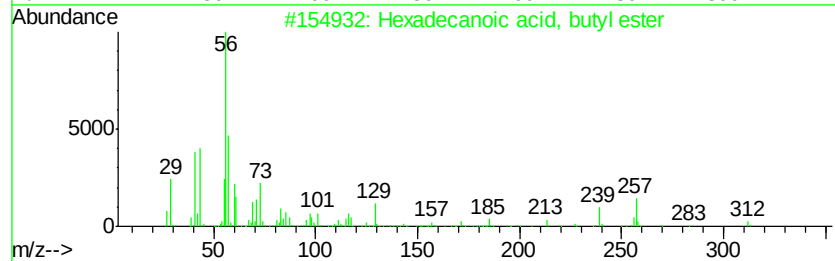
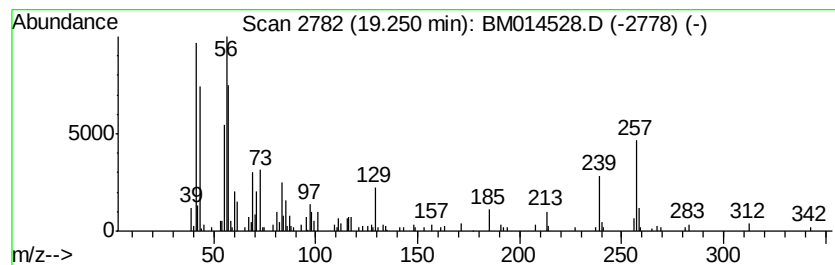
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Peak Number 2 Hexadecanoic acid, butyl ester Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.25	2.53 ng/ul	193884	Chrysene-d12	21.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	92
2		Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	91
3		Hexadecanoic acid, 2-methylpropyl...	312	C20H40O2	000110-34-9	89
4		Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	70
5		Oxirane, 2,3-bis(1-methylethyl)-...	128	C8H16O	054644-32-5	27



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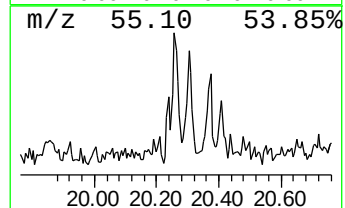
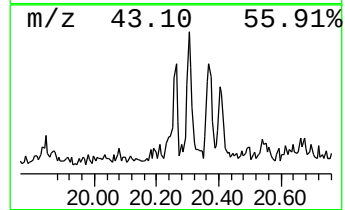
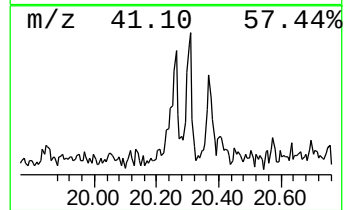
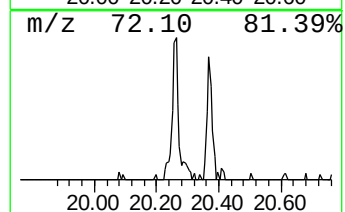
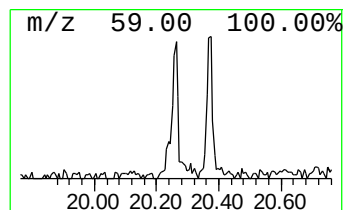
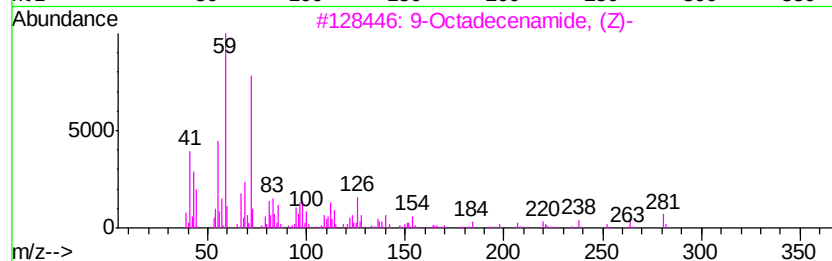
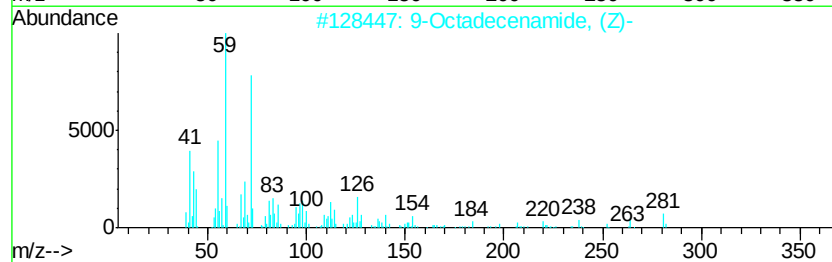
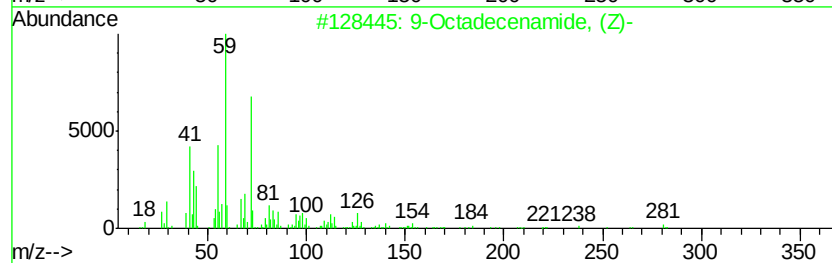
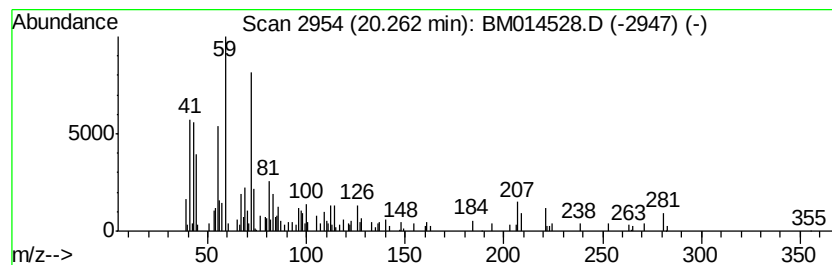
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Peak Number 3 9-Octadecenamide, (Z)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.26	2.27 ng/ul	174065	Chrysene-d12	21.13

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	89	
2	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	89	
3	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	81	
4	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	70	
5	Fumaric acid, 2-ethoxyethyl ethy...	216	C10H16O5	1000330-55-9	53	



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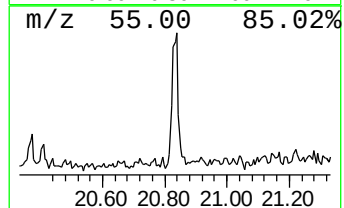
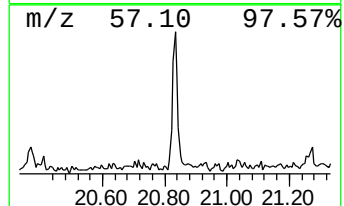
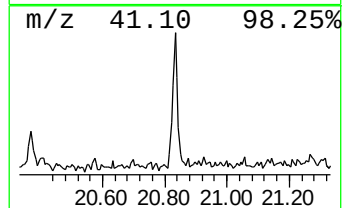
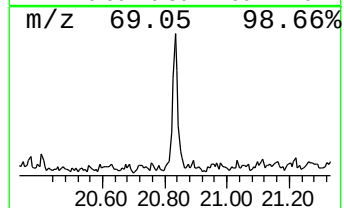
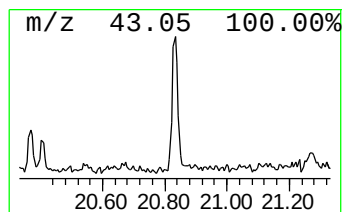
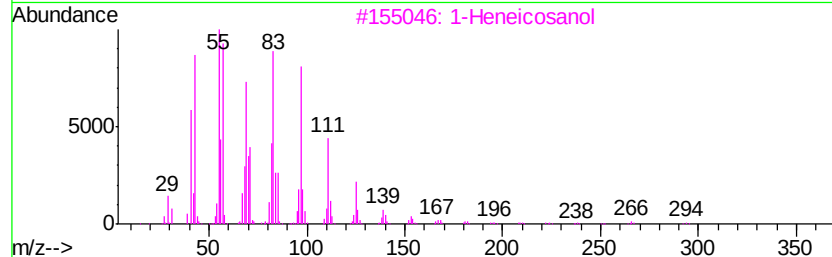
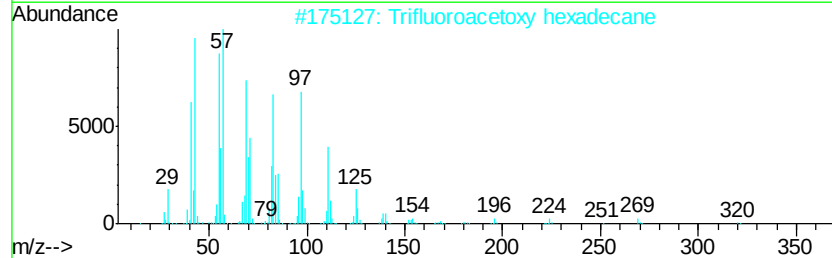
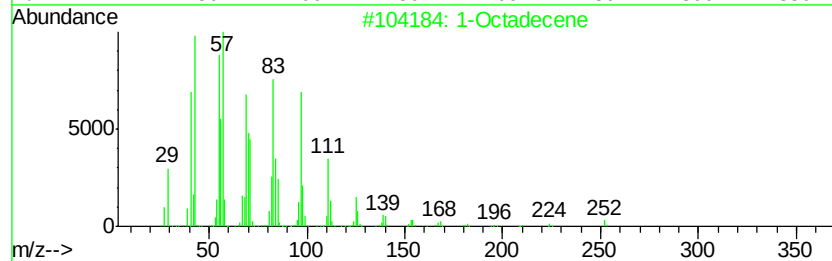
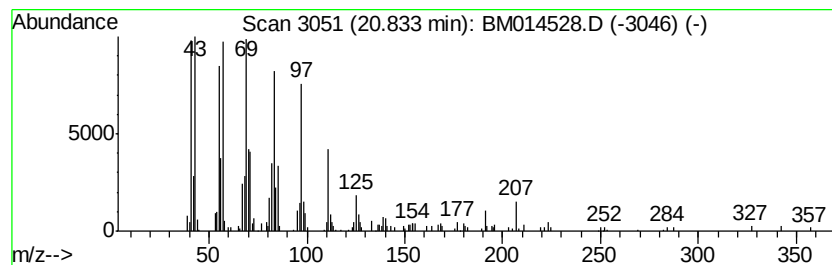
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Peak Number 4 (DEL) Alkane: Cyclic20.83 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.83	4.32 ng/ul	331872	Chrysene-d12	21.13	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecene	252	C18H36	000112-88-9	95
2	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
3	1-Heneicosanol	312	C21H44O	015594-90-8	92
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	76
5	Behenic alcohol	326	C22H46O	000661-19-8	76



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.82	5.3	ng/ul	333545	4	16.90	1261450	20.0
Hexadecanoic acid...	19.25	2.5	ng/ul	193884	5	21.13	1535600	20.0
9-Octadecenamide,...	20.26	2.3	ng/ul	174065	5	21.13	1535600	20.0
(DEL) Alkane: Cyc...	20.83	4.3	ng/ul	331872	5	21.13	1535600	20.0