

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_M\DATA\BM011518\
 Data File : BM013597.D
 Acq On : 15 Jan 2018 22:17
 Operator : SJ/JU
 Sample : J1079-13
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DAJK2

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	3.163	27	30	35	rVB3	58817	58406	1.68%	0.122%
2	6.804	643	649	662	rVB2	862871	1554227	44.71%	3.237%
3	6.963	671	676	686	rVB	665609	1009204	29.03%	2.102%
4	7.157	702	709	719	rVB	902656	1446120	41.60%	3.012%
5	7.622	781	788	794	rBV	651333	1044426	30.05%	2.176%
6	8.334	902	909	923	rBV	1033489	1746875	50.25%	3.639%
7	8.775	976	984	993	rBV	843504	1393238	40.08%	2.902%
8	9.492	1099	1106	1113	rBV	728255	1206369	34.70%	2.513%
9	10.028	1190	1197	1206	rBV	1062232	1789604	51.48%	3.728%
10	10.398	1251	1260	1268	rBV	881775	1417850	40.79%	2.953%
11	10.545	1278	1285	1296	rBV	921180	1653470	47.57%	3.444%
12	13.092	1711	1718	1724	rVB4	37838	53230	1.53%	0.111%
13	13.686	1813	1819	1824	rBV	1762493	2460003	70.77%	5.124%
14	13.733	1824	1827	1834	rVV	501890	708814	20.39%	1.476%
15	13.963	1859	1866	1872	rBV	2010960	3003719	86.41%	6.257%
16	14.174	1897	1902	1908	rBV	97638	127341	3.66%	0.265%
17	14.268	1908	1918	1926	rBV2	1143928	1798981	51.75%	3.747%
18	14.492	1950	1956	1970	rBV	635977	1120181	32.22%	2.333%
19	14.798	2004	2008	2015	rVB7	25219	38704	1.11%	0.081%
20	15.133	2060	2065	2071	rVB	108675	150434	4.33%	0.313%
21	15.268	2081	2088	2095	rBV	2431462	3368476	96.90%	7.016%
22	15.404	2106	2111	2120	rBV	686458	971974	27.96%	2.025%
23	15.510	2125	2129	2132	rBV3	34489	47598	1.37%	0.099%
24	15.998	2208	2212	2220	rBV2	83360	135112	3.89%	0.281%
25	16.792	2343	2347	2350	rBV2	49457	61545	1.77%	0.128%
26	17.021	2380	2386	2396	rBV2	1423086	2007320	57.75%	4.181%
27	17.121	2396	2403	2415	rBV2	2537629	3476167	100.00%	7.241%
28	17.927	2535	2540	2549	rBV	427456	708614	20.38%	1.476%
29	19.068	2729	2734	2736	rBV3	52941	94434	2.72%	0.197%
30	19.215	2754	2759	2767	rBV2	227533	386040	11.11%	0.804%
31	19.421	2789	2794	2801	rBV	2530886	3471562	99.87%	7.231%
32	20.362	2948	2954	2958	rBV	406403	585486	16.84%	1.220%
33	20.939	3048	3052	3063	rBV	776131	1084884	31.21%	2.260%
34	21.139	3083	3086	3090	rVB	490832	547030	15.74%	1.139%

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35	21.215	3095	3099	3108	rVV	1505198	2026769	58.30%	4.222%
36	23.280	3444	3450	3462	rVB2	1838329	3467313	99.75%	7.222%
37	23.421	3468	3474	3482	rBV	1011433	1786513	51.39%	3.721%

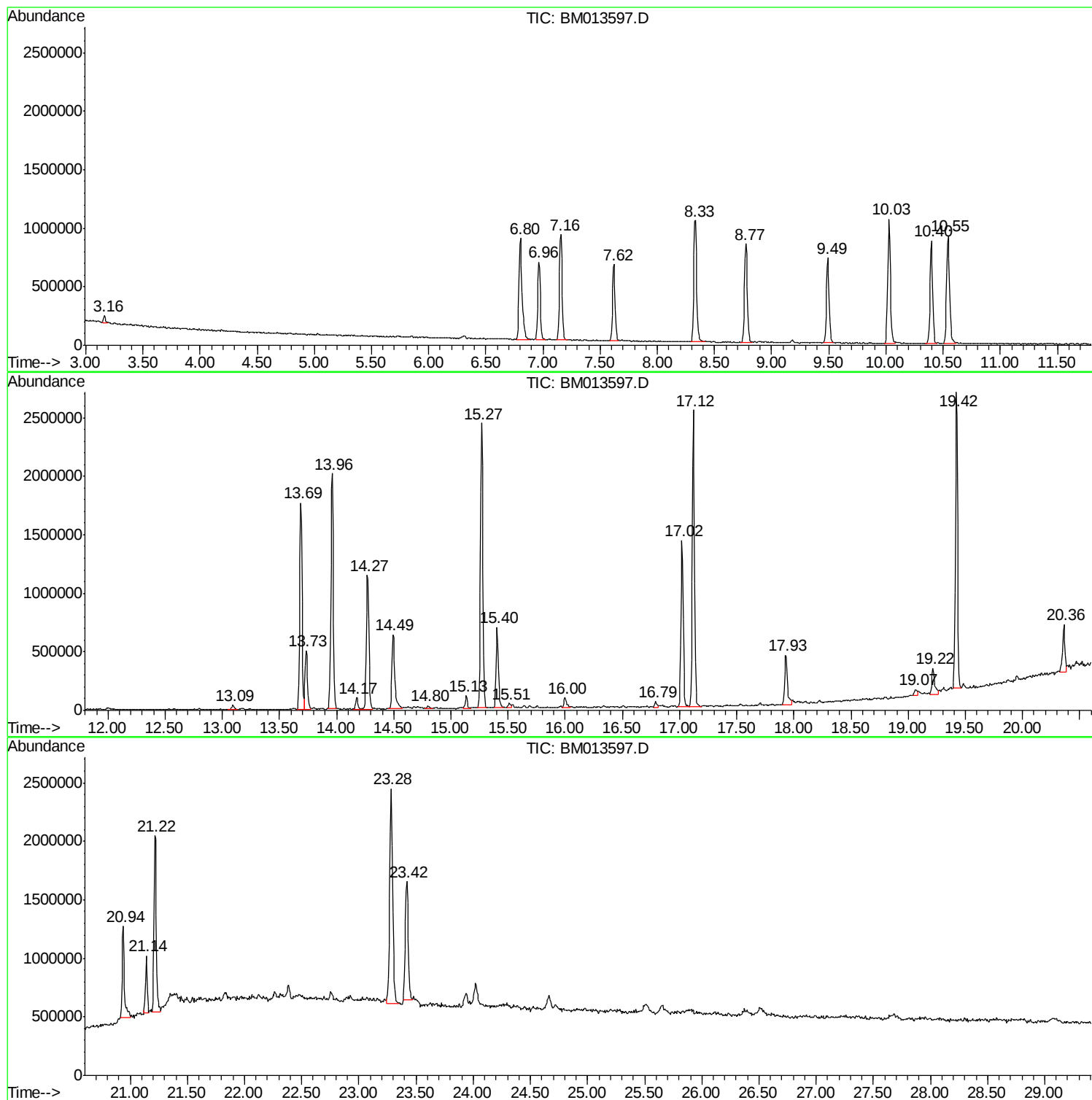
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TIC Library : C:\DATABASE\NIST11.L
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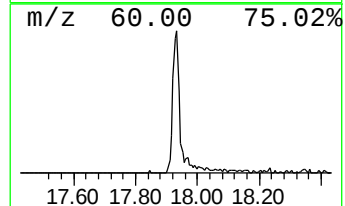
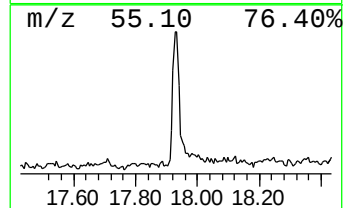
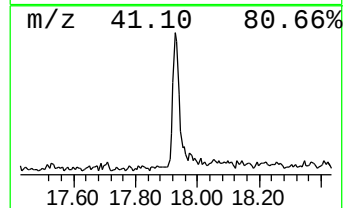
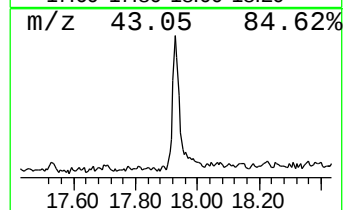
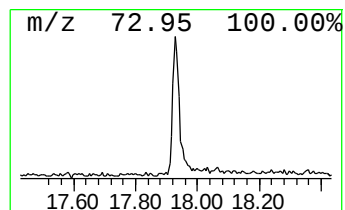
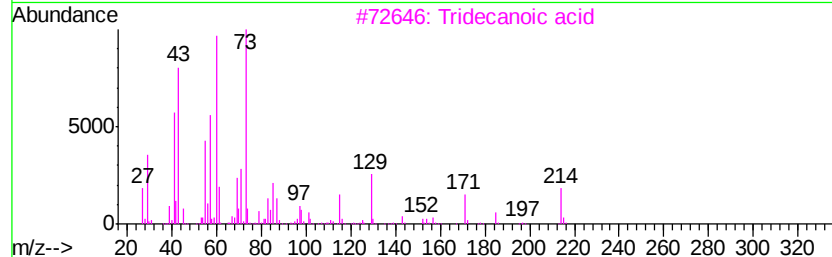
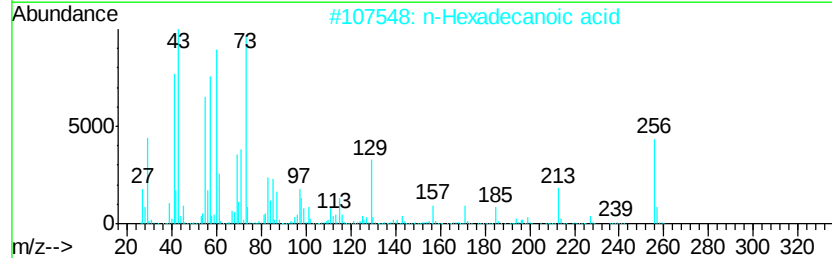
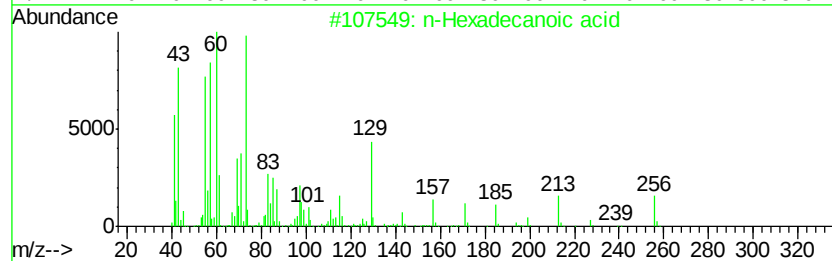
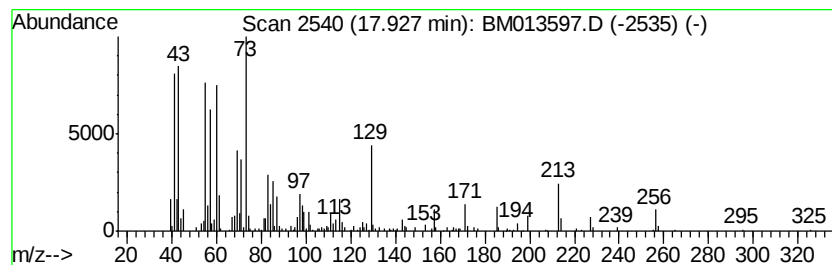
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.93	7.06 ng/ul	708614	Phenanthrene-d10	17.02

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	98
3			Tridecanoic acid	214	C13H26O2	000638-53-9	93
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	81
5			Tridecanoic acid	214	C13H26O2	000638-53-9	72



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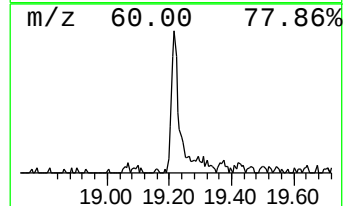
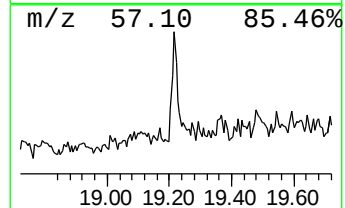
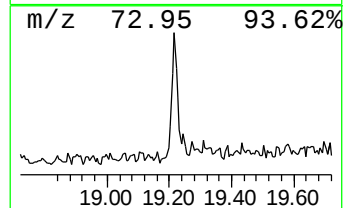
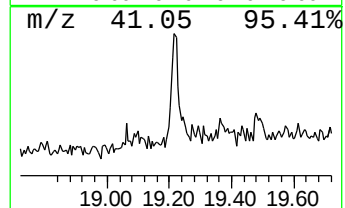
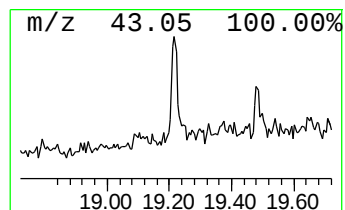
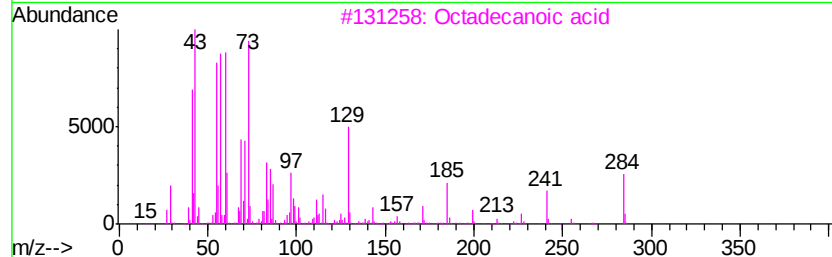
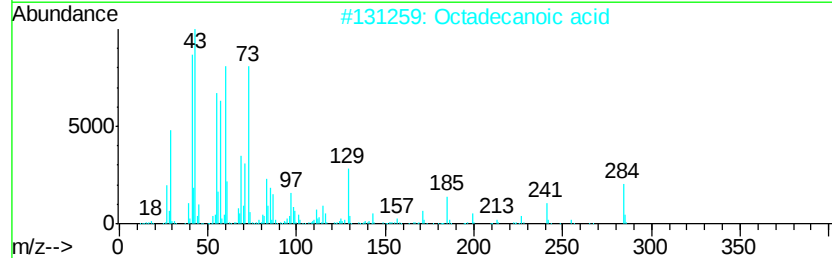
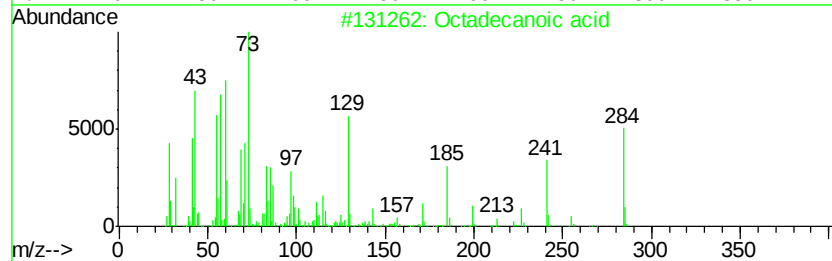
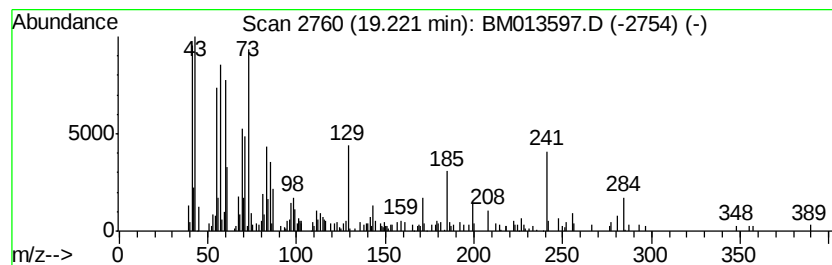
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Peak Number 2 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.22	3.81 ng/ul	386040	Chrysene-d12	21.22

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	97	
2	Octadecanoic acid	284	C18H36O2	000057-11-4	95	
3	Octadecanoic acid	284	C18H36O2	000057-11-4	94	
4	Octadecanoic acid	284	C18H36O2	000057-11-4	93	
5	Octadecanoic acid	284	C18H36O2	000057-11-4	76	



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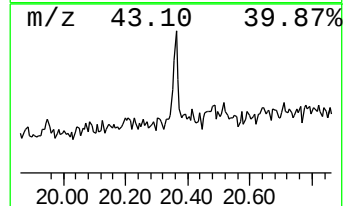
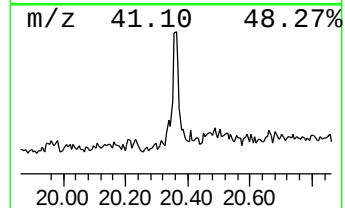
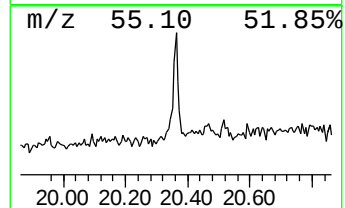
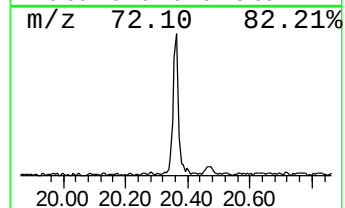
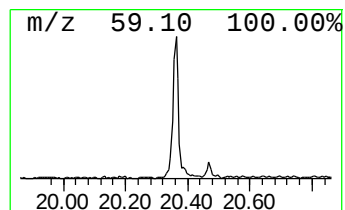
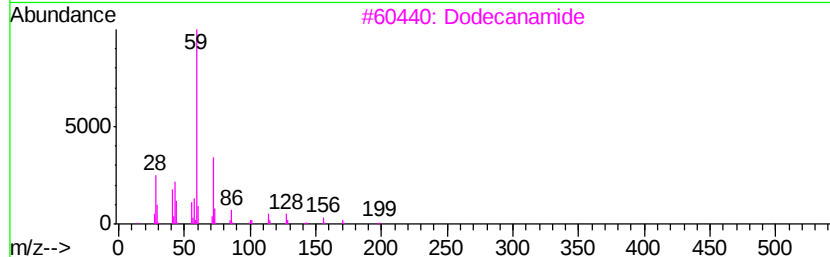
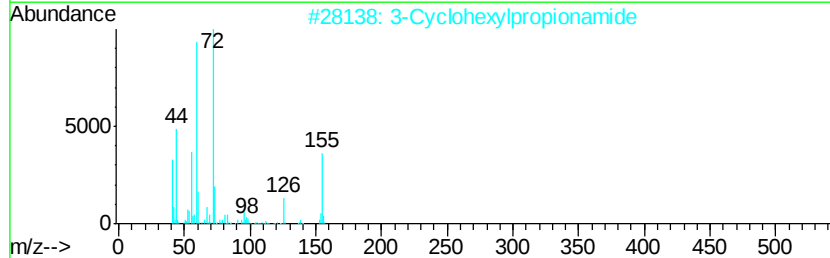
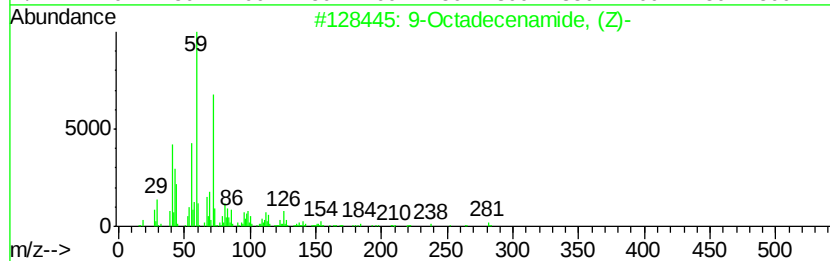
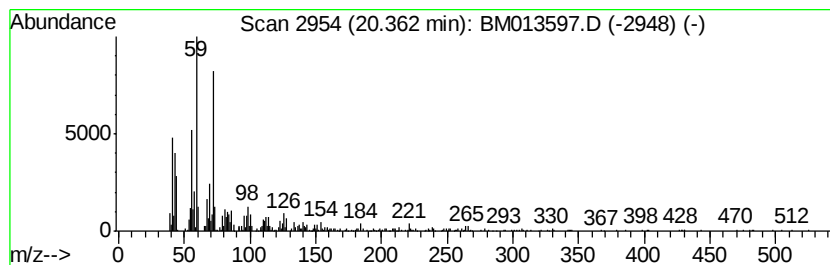
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Peak Number 3 9-Octadecenamide, (Z)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.36	5.78 ng/ul	585486	Chrysene-d12	21.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	90
2		3-Cyclohexylpropionamide	155	C9H17NO	004361-29-9	50
3		Dodecanamide	199	C12H25NO	001120-16-7	45
4		9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	43
5		Decanamide-	171	C10H21NO	002319-29-1	38



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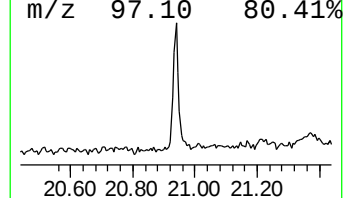
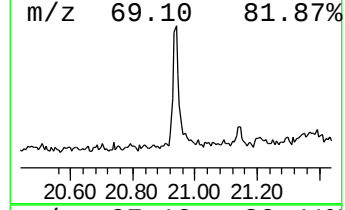
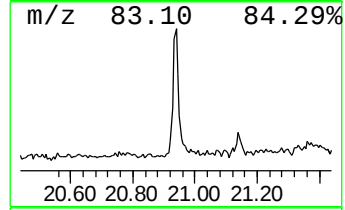
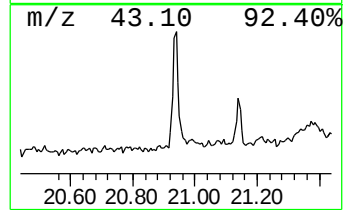
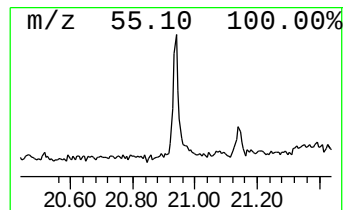
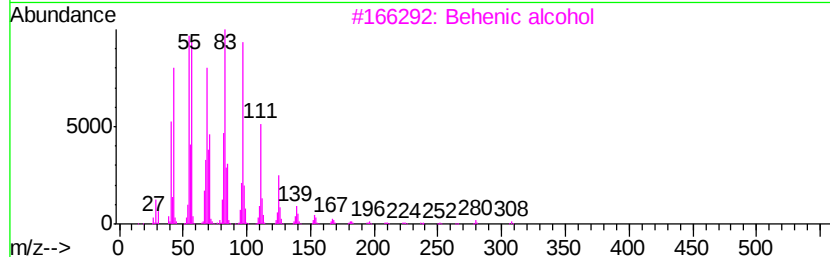
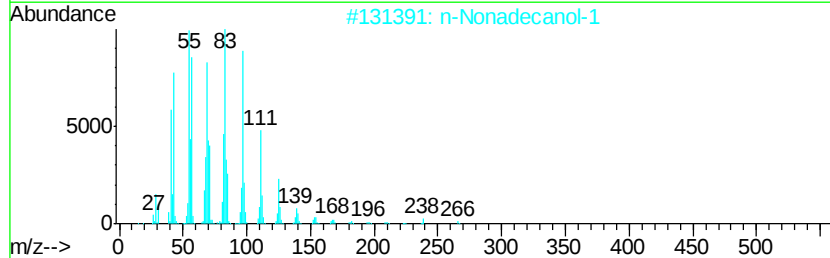
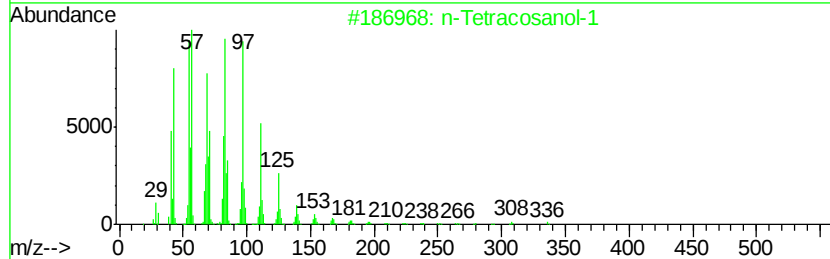
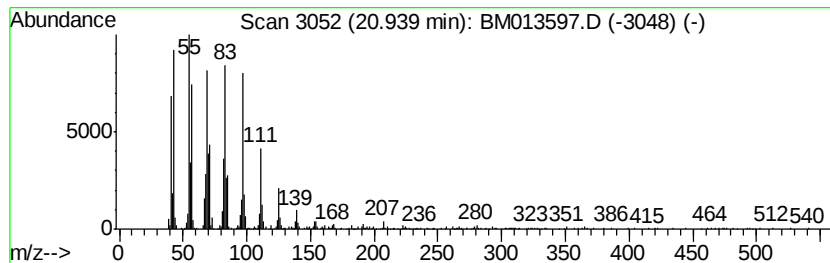
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Peak Number 4 n-Tetracosanol-1 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.94	10.71 ng/ul	1084880	Chrysene-d12	21.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
2		n-Nonadecanol-1	284	C19H40O	001454-84-8	94
3		Behenic alcohol	326	C22H46O	000661-19-8	93
4		Cetene	224	C16H32	000629-73-2	92
5		3-Eicosene, (E)-	280	C20H40	074685-33-9	92



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.93	7.1	ng/ul	708614	4	17.02	2007320	20.0
Octadecanoic acid	19.22	3.8	ng/ul	386040	5	21.22	2026770	20.0
9-Octadecenamide, ...	20.36	5.8	ng/ul	585486	5	21.22	2026770	20.0
n-Tetracosanol-1	20.94	10.7	ng/ul	1084880	5	21.22	2026770	20.0