

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM022417\
 Data File : BM009019.D
 Acq On : 24 Feb 2017 15:54
 Operator : SJ/MA
 Sample : I1940-15
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DABQ8

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-BM022317.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	3.363	44	47	51	rBV2	42562	53673	1.58%	0.132%
2	5.016	324	328	335	rBV	125490	185250	5.47%	0.455%
3	7.051	667	674	686	rBV2	710279	1289971	38.06%	3.169%
4	7.228	698	704	712	rBV	507862	783937	23.13%	1.926%
5	7.428	731	738	746	rBV	687116	1058050	31.22%	2.599%
6	7.898	811	818	825	rBV	730247	1182732	34.90%	2.906%
7	8.592	929	936	946	rBV	794826	1265342	37.33%	3.109%
8	9.063	1009	1016	1025	rBV	645852	1050456	30.99%	2.581%
9	9.786	1129	1139	1146	rBV	499953	847845	25.02%	2.083%
10	10.316	1222	1229	1239	rBV	770913	1246843	36.79%	3.063%
11	10.698	1287	1294	1305	rVB	869384	1525878	45.02%	3.749%
12	10.839	1311	1318	1327	rBV	729312	1227177	36.21%	3.015%
13	13.945	1840	1846	1850	rBV	1204713	1701117	50.19%	4.179%
14	13.986	1850	1853	1860	rVB	251969	362369	10.69%	0.890%
15	14.233	1887	1895	1902	rBV	1281803	1843661	54.40%	4.530%
16	14.539	1940	1947	1955	rVB2	1236814	1888828	55.73%	4.640%
17	14.721	1973	1978	1988	rBV	589457	861542	25.42%	2.117%
18	15.368	2084	2088	2093	rVB	50479	66963	1.98%	0.165%
19	15.533	2108	2116	2124	rBV	1657151	2447737	72.22%	6.014%
20	15.645	2128	2135	2143	rBV	553862	764392	22.55%	1.878%
21	15.768	2148	2156	2161	rVB7	36878	64187	1.89%	0.158%
22	16.227	2228	2234	2243	rBV3	79185	148773	4.39%	0.366%
23	17.021	2364	2369	2373	rBV	68758	92937	2.74%	0.228%
24	17.286	2407	2414	2424	rBV	1652245	2295689	67.73%	5.640%
25	17.386	2424	2431	2438	rVV	1866415	2708562	79.91%	6.654%
26	17.756	2490	2494	2498	rVB3	59719	70206	2.07%	0.172%
27	18.156	2556	2562	2569	rBV	217340	313442	9.25%	0.770%
28	19.286	2751	2754	2756	rBV4	33004	43278	1.28%	0.106%
29	19.315	2756	2759	2765	rVB4	43874	70514	2.08%	0.173%
30	19.427	2775	2778	2782	rBV2	92316	107824	3.18%	0.265%
31	19.674	2813	2820	2832	rBV	2371975	3327256	98.17%	8.174%
32	20.574	2967	2973	2979	rBV	383489	518467	15.30%	1.274%
33	21.139	3066	3069	3073	rBV3	181866	222026	6.55%	0.545%
34	21.456	3118	3123	3128	rBV	2293183	2881937	85.03%	7.080%

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35	23.650	3489	3496	3505	rVB	1763933	3389337	100.00%	8.327%
36	23.803	3515	3522	3534	rVB	1401926	2795118	82.47%	6.867%

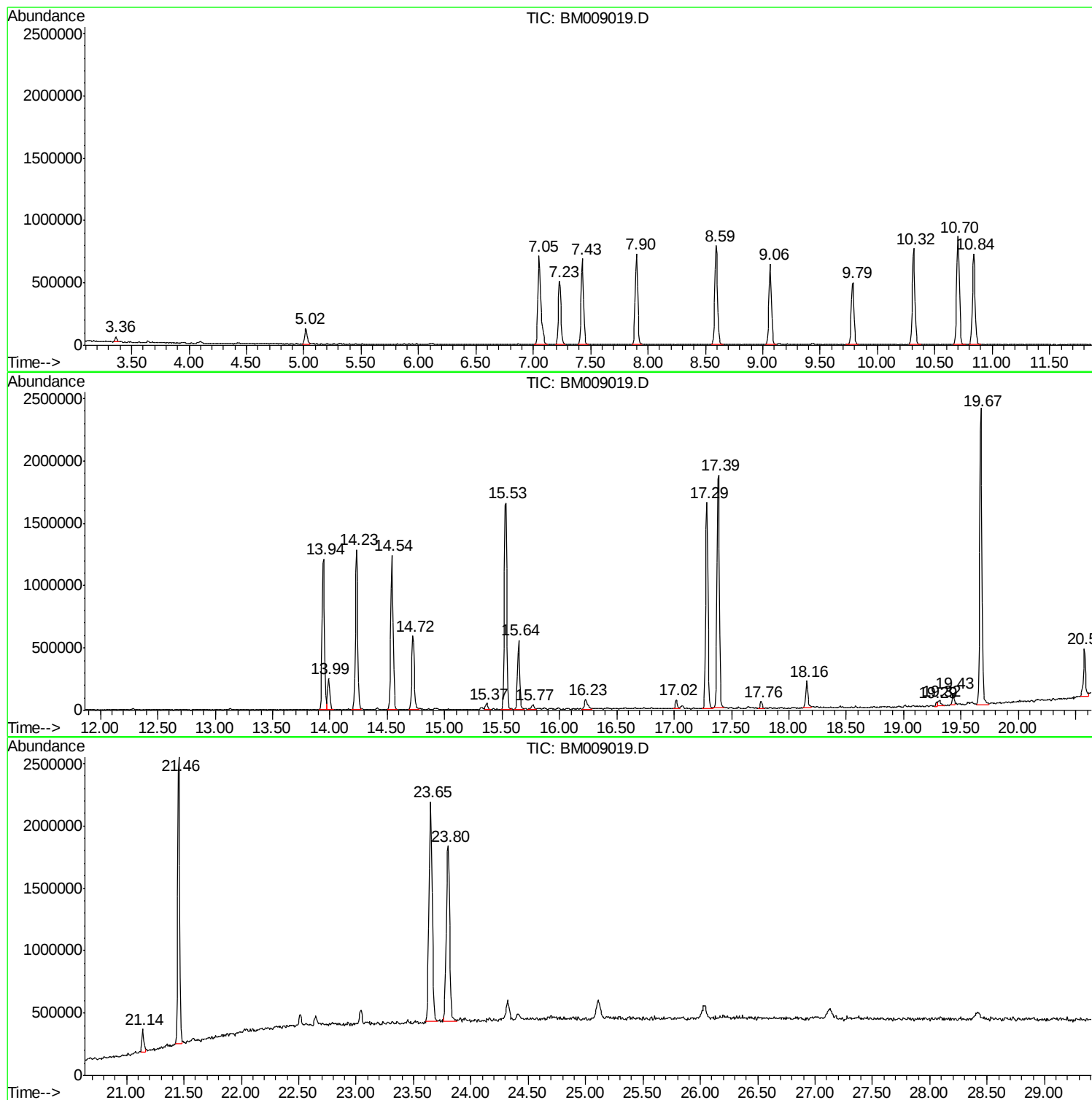
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM022317.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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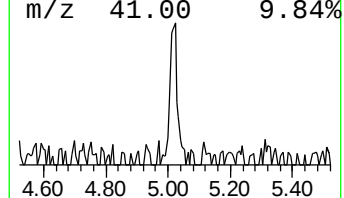
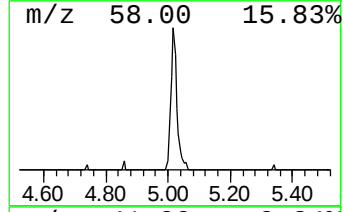
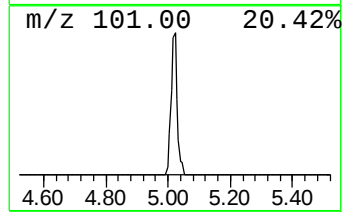
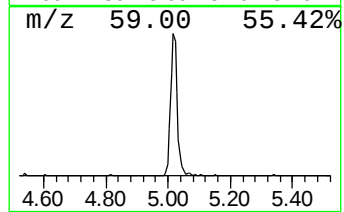
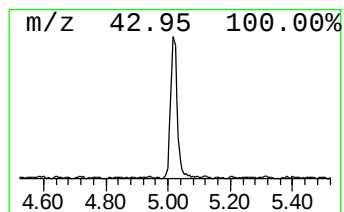
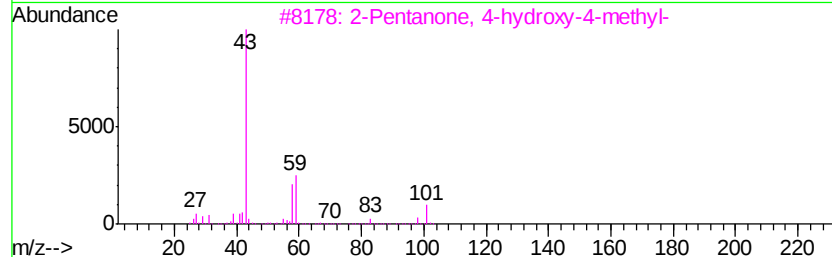
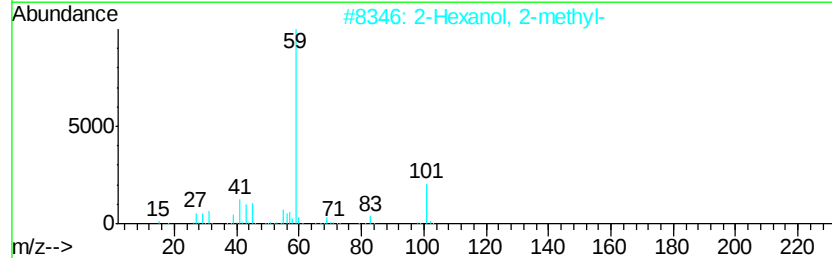
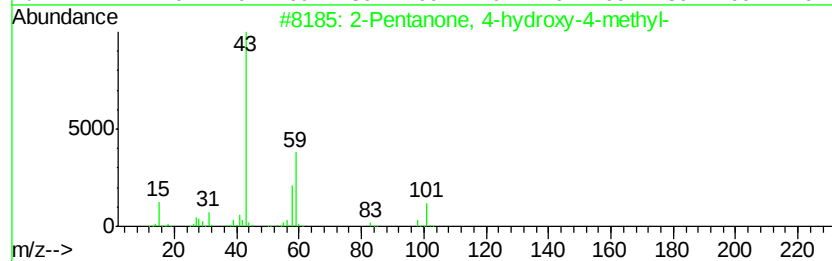
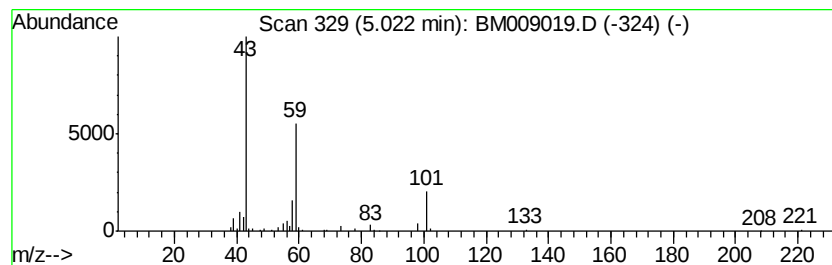
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Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.02	3.13 ng/ul	185250	1,4-Dichlorobenzene-d4	7.90

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2			2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	50
3			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
4			Tetraglyme	222	C10H22O5	000143-24-8	33
5			Tetraglyme	222	C10H22O5	000143-24-8	33



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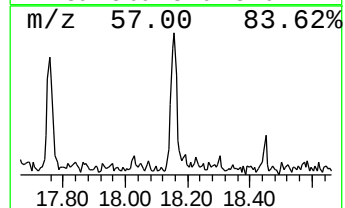
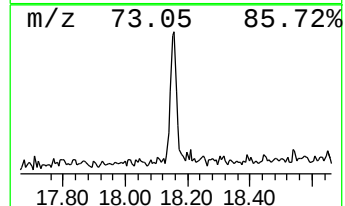
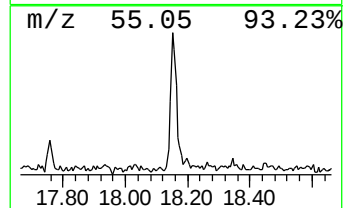
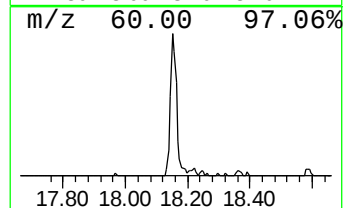
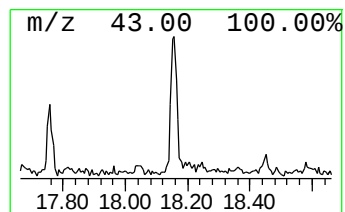
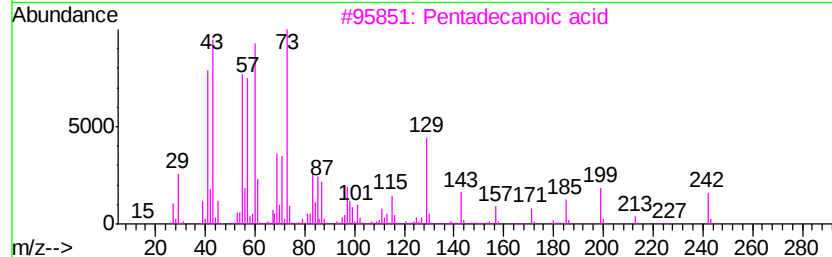
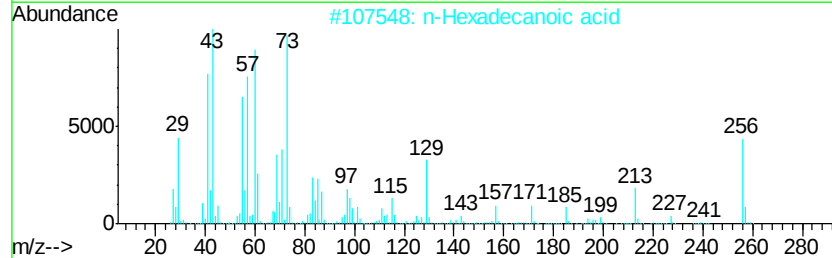
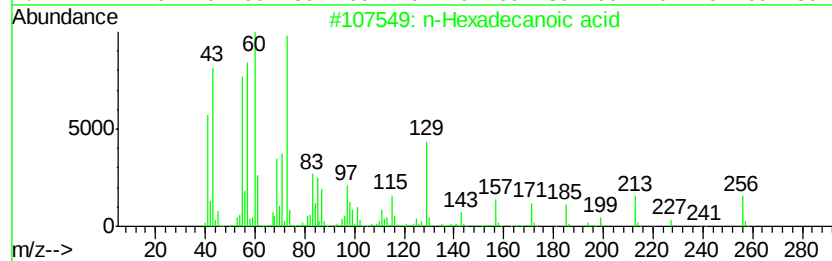
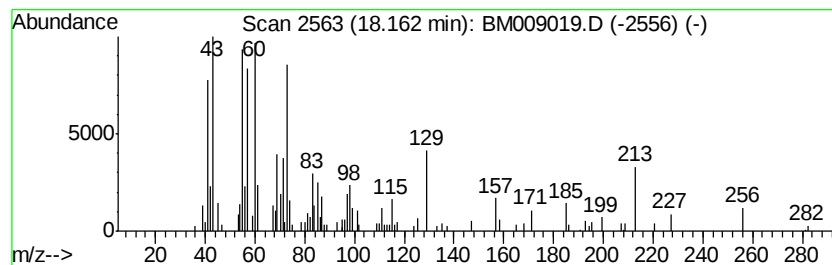
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.16	2.73 ng/ul	313442	Phenanthrene-d10	17.29

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	97	
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	81	
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	81	
5	n-Decanoic acid	172	C10H20O2	000334-48-5	76	



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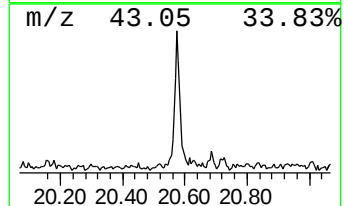
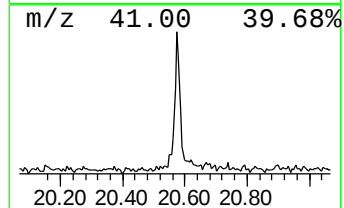
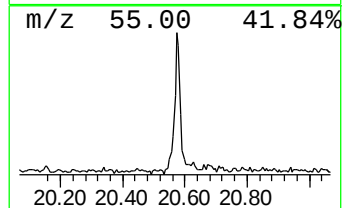
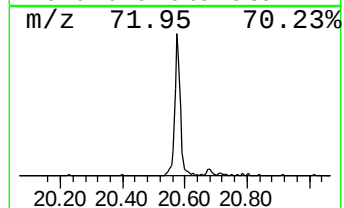
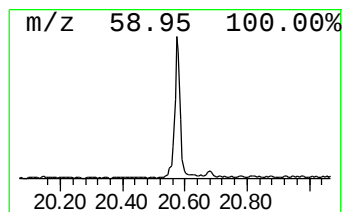
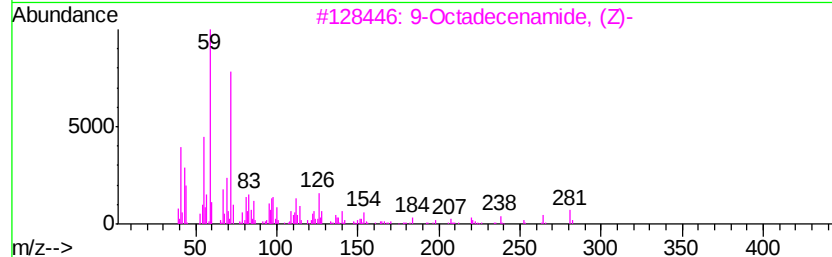
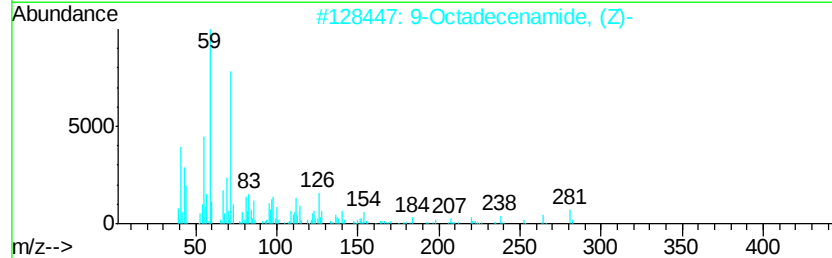
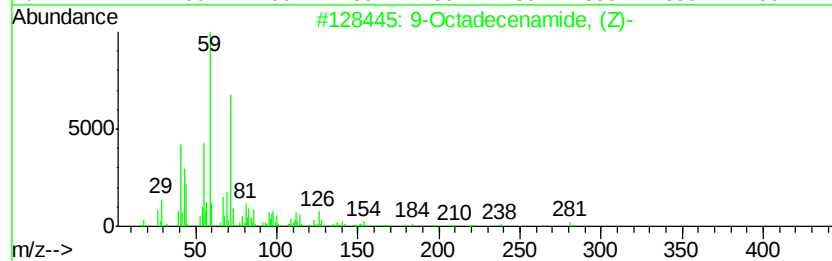
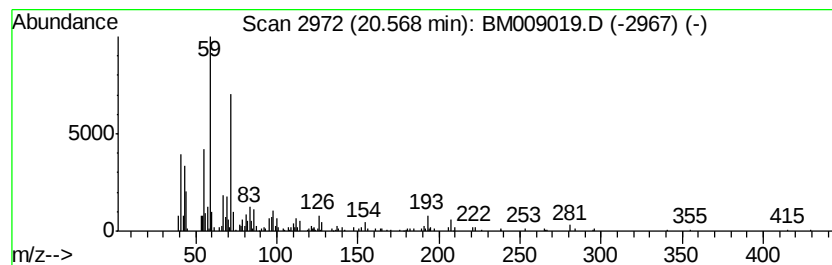
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Peak Number 3 9-Octadecenamide, (Z)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.57	3.60 ng/ul	518467	Chrysene-d12	21.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	95
2		9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	94
3		9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	94
4		9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	89
5		9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	74



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.02	3.1	ng/ul	185250	1	7.90	1182730	20.0
n-Hexadecanoic acid	18.16	2.7	ng/ul	313442	4	17.29	2295690	20.0
9-Octadecenamide, ...	20.57	3.6	ng/ul	518467	5	21.46	2881940	20.0