

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042617\
 Data File : BM009717.D
 Acq On : 26 Apr 2017 13:24
 Operator : SJ/MA
 Sample : I2836-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CEM-BF001-01

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-BM042517.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	6.987	657	663	675	rBV2	325893	549682	17.49%	1.824%
2	7.157	686	692	700	rBV	242141	393288	12.51%	1.305%
3	7.357	719	726	732	rBV	314639	505279	16.08%	1.677%
4	7.828	798	806	812	rBV	464047	753276	23.97%	2.500%
5	8.522	917	924	933	rBV	332752	556850	17.72%	1.848%
6	8.992	997	1004	1012	rVB	329380	551084	17.53%	1.829%
7	9.710	1118	1126	1133	rBV	268096	440073	14.00%	1.461%
8	10.239	1210	1216	1227	rBV2	347193	607525	19.33%	2.016%
9	10.622	1273	1281	1289	rBV	648442	1060773	33.75%	3.521%
10	10.769	1299	1306	1315	rBV	289199	510618	16.25%	1.695%
11	13.880	1827	1835	1839	rBV	715600	995759	31.68%	3.305%
12	13.927	1839	1843	1849	rVB	139553	201507	6.41%	0.669%
13	14.163	1877	1883	1893	rBV	743981	1072084	34.11%	3.558%
14	14.474	1929	1936	1944	rVB2	932332	1456481	46.34%	4.834%
15	14.674	1964	1970	1981	rBV	317863	531800	16.92%	1.765%
16	15.298	2070	2076	2081	rVB	49441	59982	1.91%	0.199%
17	15.463	2098	2104	2114	rVB	1016666	1467353	46.69%	4.870%
18	15.592	2120	2126	2137	rBV	340778	499305	15.89%	1.657%
19	15.704	2137	2145	2149	rBV6	26922	47177	1.50%	0.157%
20	15.821	2158	2165	2168	rBV2	33776	53516	1.70%	0.178%
21	16.162	2218	2223	2231	rBV	67838	113771	3.62%	0.378%
22	16.957	2352	2358	2361	rBV3	41060	51405	1.64%	0.171%
23	17.221	2395	2403	2409	rBV	1351998	1882691	59.90%	6.249%
24	17.321	2414	2420	2428	rVV	1171753	1625973	51.73%	5.397%
25	17.509	2446	2452	2456	rBV5	31337	45600	1.45%	0.151%
26	17.592	2458	2466	2472	rBV7	21947	49883	1.59%	0.166%
27	18.092	2547	2551	2558	rBV3	168873	238257	7.58%	0.791%
28	19.245	2742	2747	2750	rBV6	24352	43016	1.37%	0.143%
29	19.280	2750	2753	2757	rVB2	49368	62080	1.98%	0.206%
30	19.374	2765	2769	2776	rBV3	77003	111273	3.54%	0.369%
31	19.615	2804	2810	2818	rBV	1638068	2314125	73.63%	7.681%
32	19.721	2825	2828	2831	rBV4	27114	33201	1.06%	0.110%
33	20.274	2918	2922	2924	rBV4	64728	87696	2.79%	0.291%
34	21.086	3057	3060	3074	rVB2	613047	966839	30.76%	3.209%

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35	21.397	3108	3113	3124	rVB	2273483	3143063	100.00%	10.432%
36	22.450	3287	3292	3300	rBV2	328722	530555	16.88%	1.761%
37	23.015	3385	3388	3394	rVB4	180110	305539	9.72%	1.014%
38	23.568	3475	3482	3496	rVB2	1368044	2780854	88.48%	9.230%
39	23.715	3500	3507	3520	rVB	1597844	3137786	99.83%	10.414%
40	24.209	3587	3591	3598	rVB3	157268	292219	9.30%	0.970%

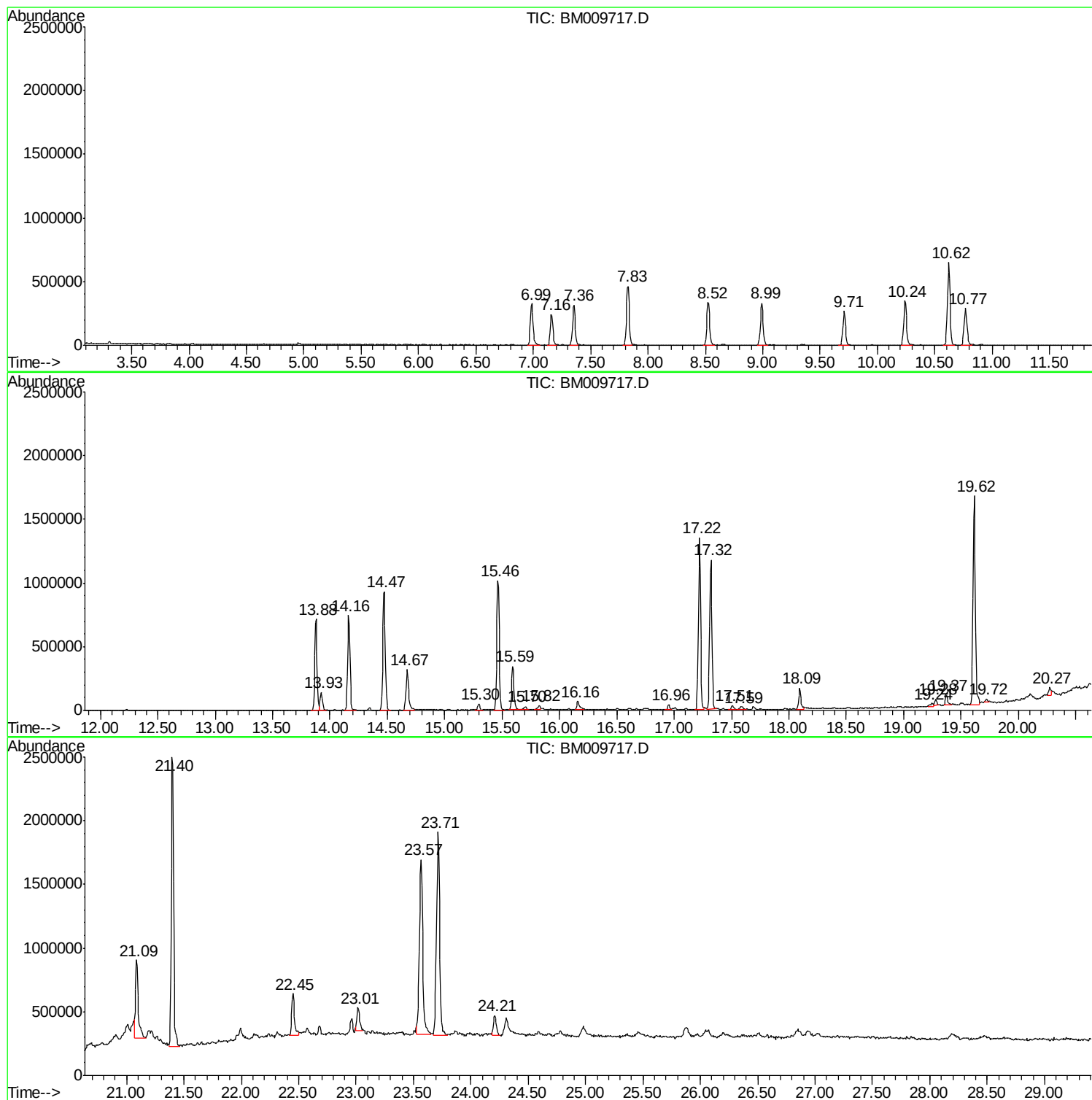
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

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



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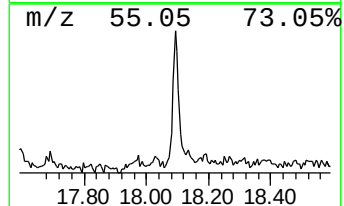
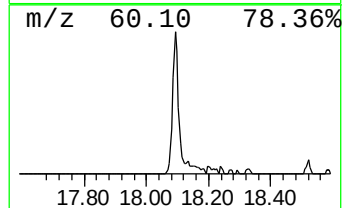
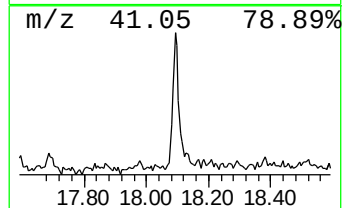
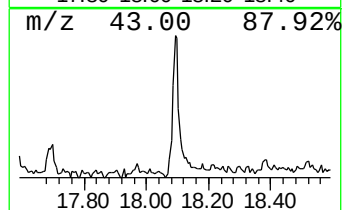
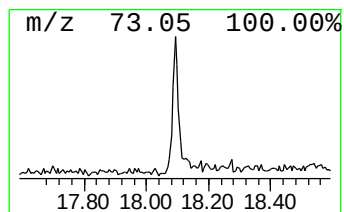
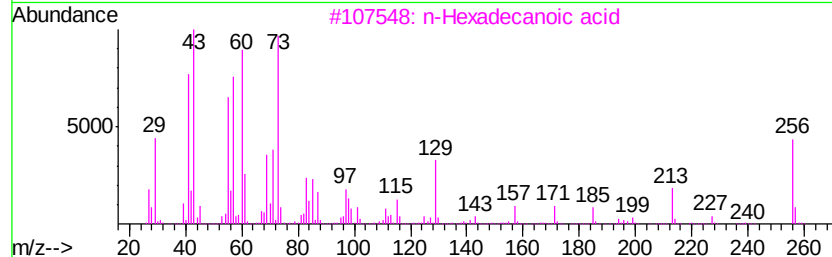
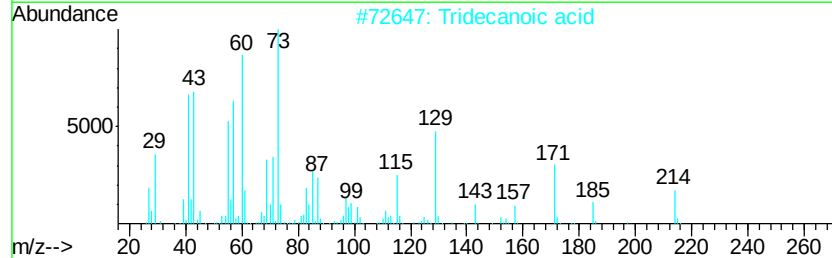
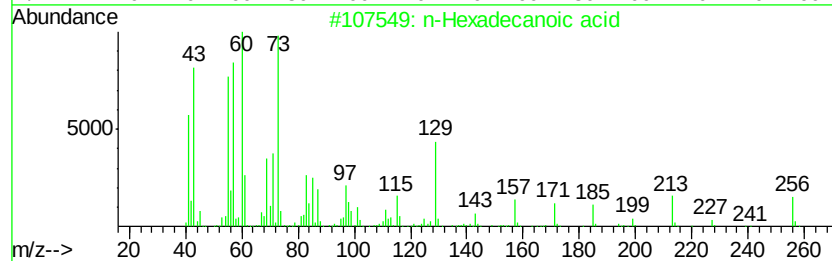
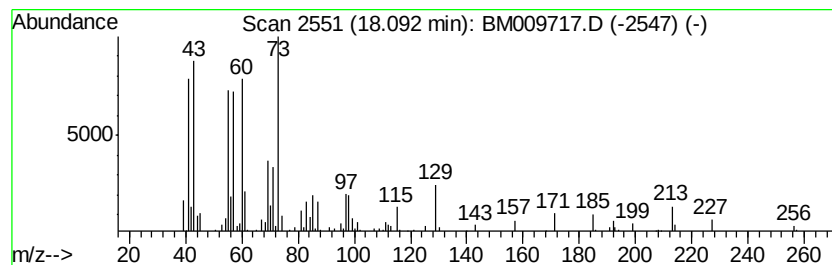
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Peak Number 1 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.09	2.53 ng/ul	238257	Phenanthrene-d10	17.22	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Tridecanoic acid	214	C13H26O2	000638-53-9	94
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
5	Tridecanoic acid	214	C13H26O2	000638-53-9	76



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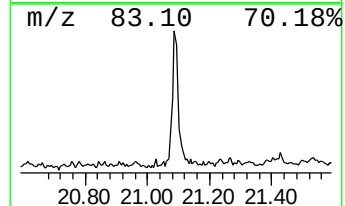
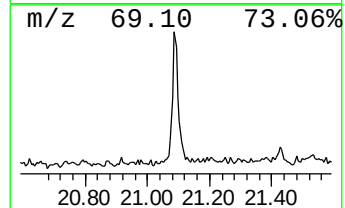
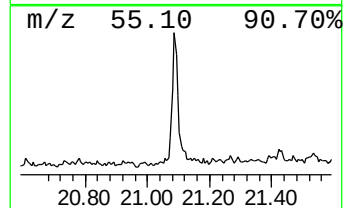
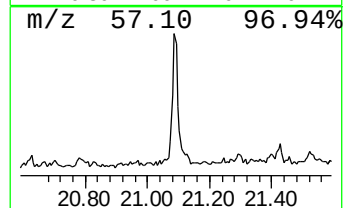
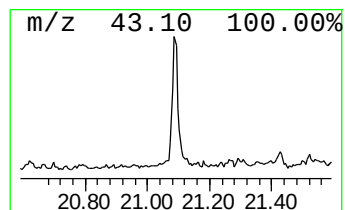
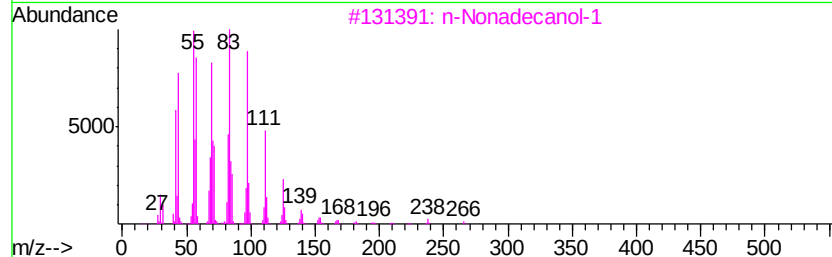
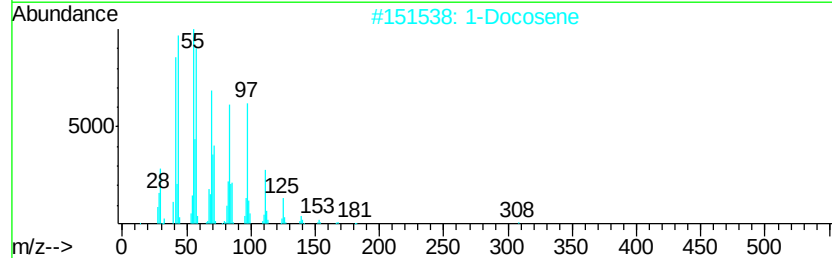
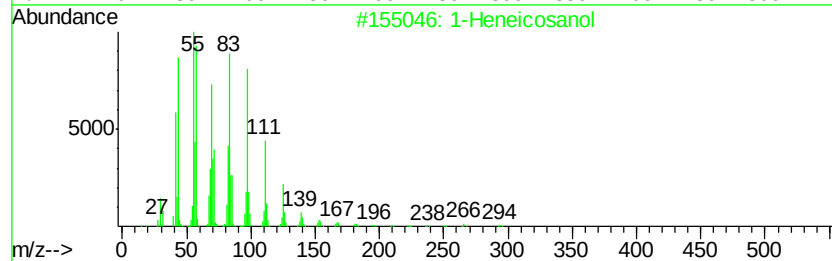
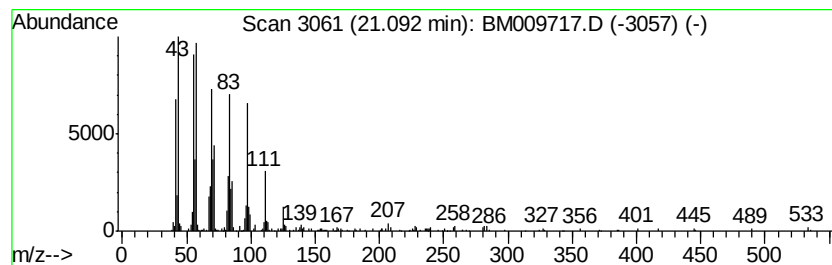
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Peak Number 2 1-Heneicosanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.	
21.09	6.15 ng/ul	966839	Chrysene-d12		21.40	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Heneicosanol	312	C21H44O	015594-90-8	94
2		1-Docosene	308	C22H44	001599-67-3	93
3		n-Nonadecanol-1	284	C19H40O	001454-84-8	91
4		Behenic alcohol	326	C22H46O	000661-19-8	91
5		Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	91



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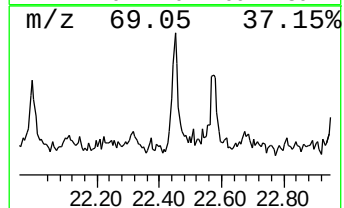
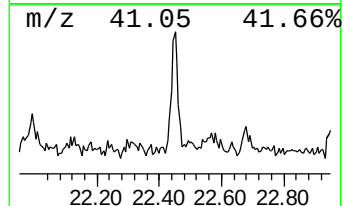
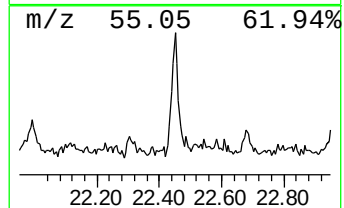
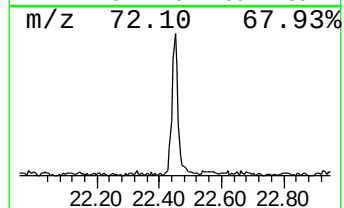
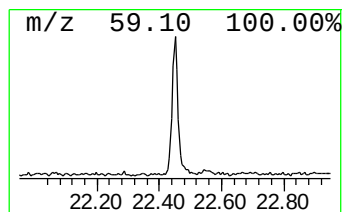
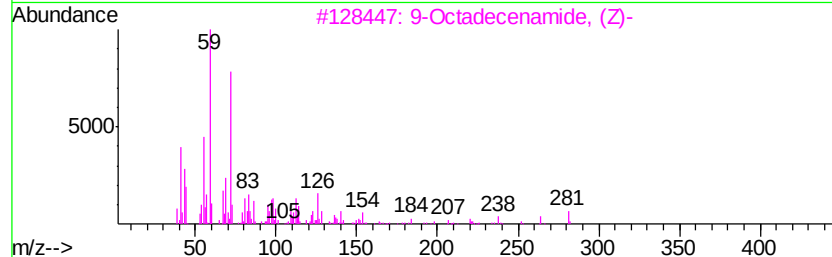
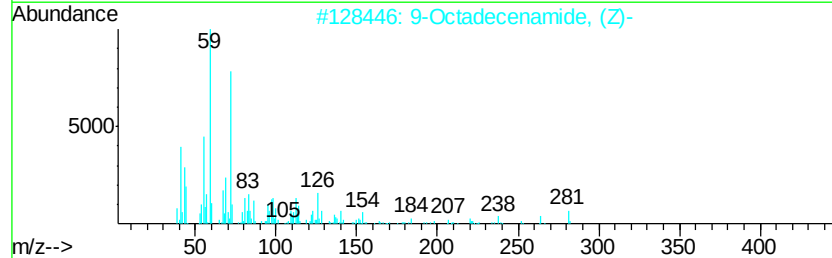
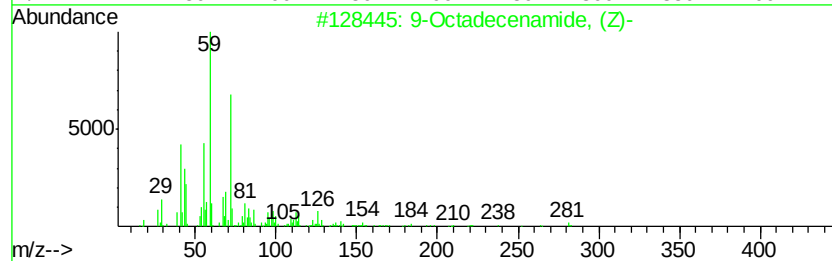
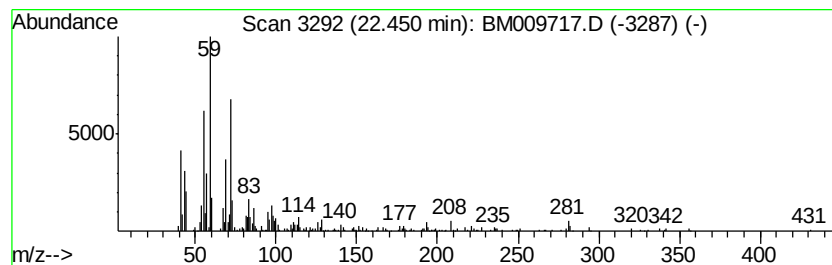
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Peak Number 3 9-Octadecenamide, (Z)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.45	3.38 ng/ul	530555	Chrysene-d12	21.40
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	9-Octadecenamide, (Z)-	281 C18H35NO	000301-02-0	94
2	9-Octadecenamide, (Z)-	281 C18H35NO	000301-02-0	91
3	9-Octadecenamide, (Z)-	281 C18H35NO	000301-02-0	91
4	9-Octadecenamide, (Z)-	281 C18H35NO	000301-02-0	81
5	13-Docosenamide, (Z)-	337 C22H43NO	000112-84-5	76



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.09	2.5	ng/ul	238257	4	17.22	1882690	20.0
1-Heneicosanol	21.09	6.2	ng/ul	966839	5	21.40	3143060	20.0
9-Octadecenamide, ...	22.45	3.4	ng/ul	530555	5	21.40	3143060	20.0