

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM022417\
 Data File : BM009016.D
 Acq On : 24 Feb 2017 14:03
 Operator : SJ/MA
 Sample : I1940-12
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DABQ5

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	43	47	52	rVB4	36215	51829	1.86%	0.143%
2	5.016	324	328	336	rVB	81846	115625	4.15%	0.318%
3	7.051	668	674	688	rVB2	603801	1092944	39.25%	3.007%
4	7.228	696	704	713	rBV	420919	670602	24.09%	1.845%
5	7.428	732	738	750	rVB	562536	895024	32.15%	2.463%
6	7.898	812	818	826	rBV	727300	1142346	41.03%	3.143%
7	8.592	930	936	947	rBV	642057	1031534	37.05%	2.838%
8	9.063	1008	1016	1024	rBV	541537	879544	31.59%	2.420%
9	9.786	1131	1139	1147	rBV2	428624	707127	25.40%	1.946%
10	10.316	1221	1229	1236	rBV	635959	1040384	37.37%	2.862%
11	10.704	1287	1295	1302	rVB	860865	1463617	52.57%	4.027%
12	10.839	1310	1318	1329	rBV	602188	1030573	37.01%	2.835%
13	13.945	1839	1846	1850	rBV	1050250	1440871	51.75%	3.964%
14	13.986	1850	1853	1861	rVB	198760	284105	10.20%	0.782%
15	14.233	1889	1895	1903	rVB	1104450	1563752	56.16%	4.302%
16	14.539	1941	1947	1957	rVB2	1221330	1827342	65.63%	5.028%
17	14.721	1970	1978	1988	rBV	490814	730602	26.24%	2.010%
18	15.321	2073	2080	2083	rBV3	22021	28263	1.02%	0.078%
19	15.368	2083	2088	2094	rVB	36936	51081	1.83%	0.141%
20	15.533	2109	2116	2121	rBV	1409693	2057834	73.91%	5.662%
21	15.645	2128	2135	2143	rBV	464570	645816	23.20%	1.777%
22	15.768	2150	2156	2160	rBV6	35210	57880	2.08%	0.159%
23	16.227	2229	2234	2243	rBV2	67903	121195	4.35%	0.333%
24	17.021	2364	2369	2373	rBV	68065	85391	3.07%	0.235%
25	17.068	2373	2377	2382	rVV6	24615	37615	1.35%	0.103%
26	17.286	2407	2414	2421	rBV	1563562	2229299	80.07%	6.134%
27	17.380	2423	2430	2441	rVV2	1573386	2298474	82.55%	6.324%
28	17.645	2470	2475	2481	rBV4	63823	93893	3.37%	0.258%
29	17.756	2489	2494	2499	rBV2	53140	67332	2.42%	0.185%
30	18.150	2556	2561	2567	rBV3	174397	245125	8.80%	0.674%
31	19.009	2704	2707	2711	rBV5	24329	35416	1.27%	0.097%
32	19.309	2752	2758	2762	rBV6	40835	79368	2.85%	0.218%
33	19.427	2775	2778	2784	rBV6	74829	110413	3.97%	0.304%
34	19.562	2797	2801	2803	rBV4	23842	28226	1.01%	0.078%

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35	19.674	2814	2820	2829	rBV	1982032	2784249	100.00%	7.660%
36	21.139	3066	3069	3073	rBV3	145929	185923	6.68%	0.512%
37	21.456	3118	3123	3129	rVB	2155396	2739093	98.38%	7.536%
38	22.521	3299	3304	3311	rBV	700604	1027873	36.92%	2.828%
39	23.650	3489	3496	3504	rBV2	1425455	2720277	97.70%	7.484%
40	23.797	3515	3521	3532	rVB	1420774	2648051	95.11%	7.286%

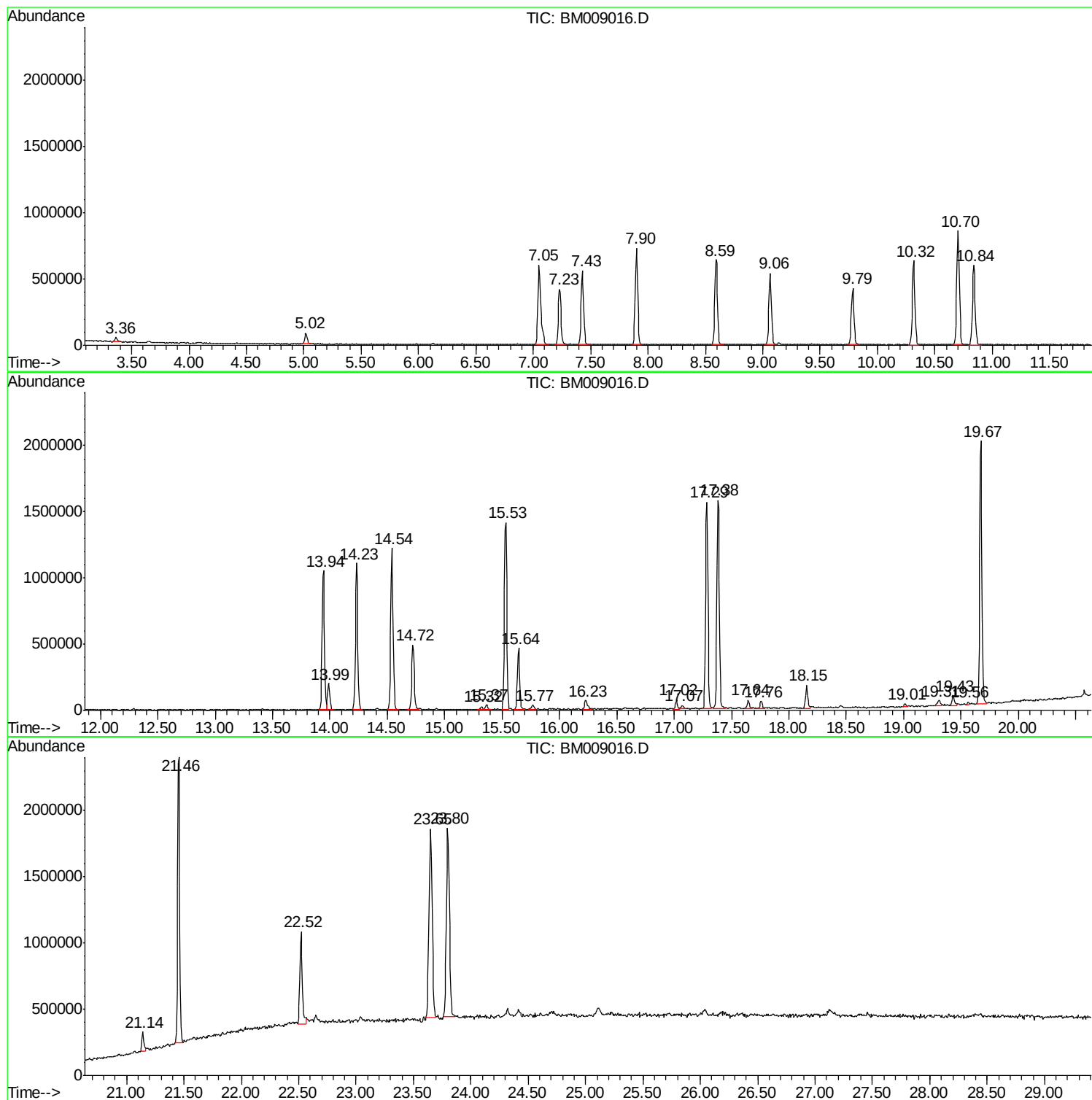
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM022317.M
Quant Title : SVOA CALIBRATION

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



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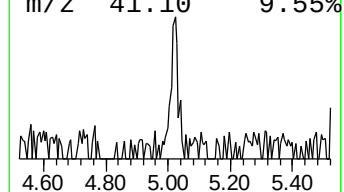
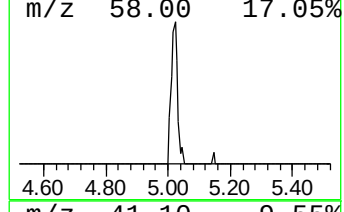
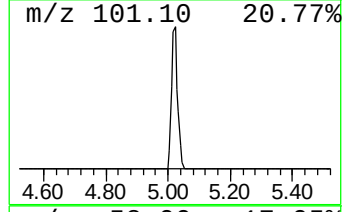
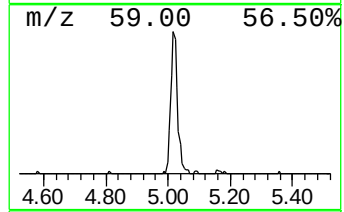
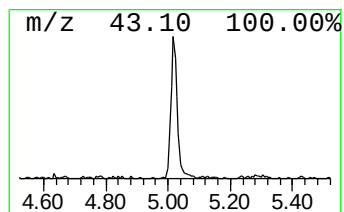
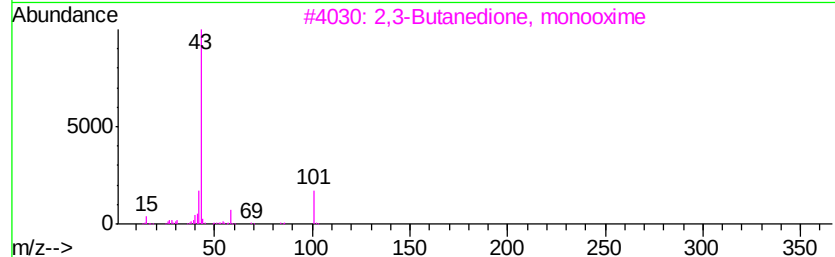
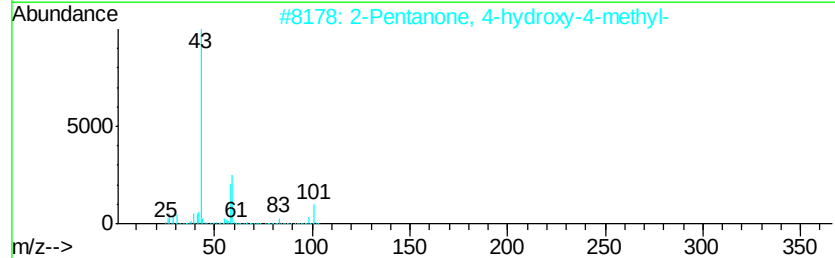
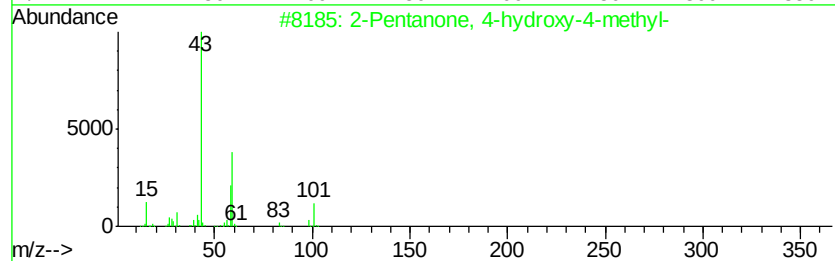
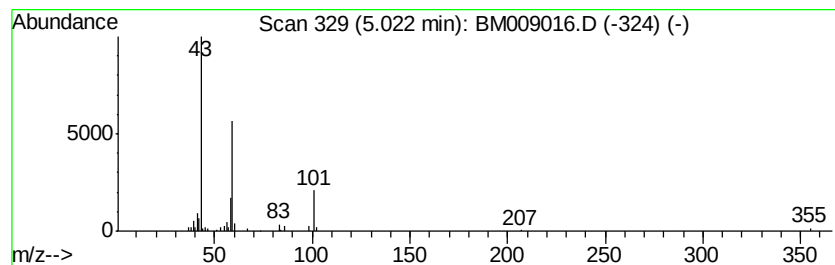
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Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.02	2.02 ng/ul	115625	1,4-Dichlorobenzene-d4	7.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	37
3		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	27
4		Silane, trimethyl-	74	C3H10Si	000993-07-7	23
5		5-Hexen-2-one	98	C6H10O	000109-49-9	9



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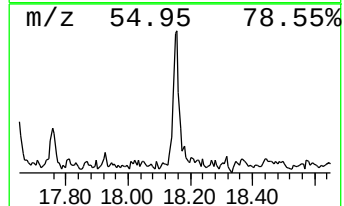
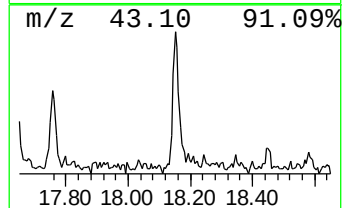
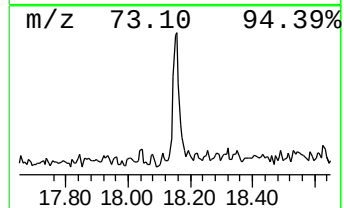
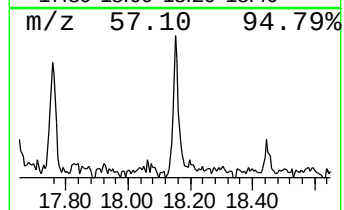
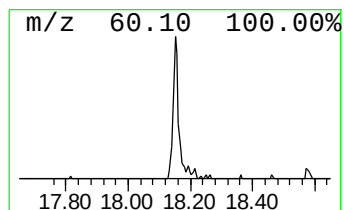
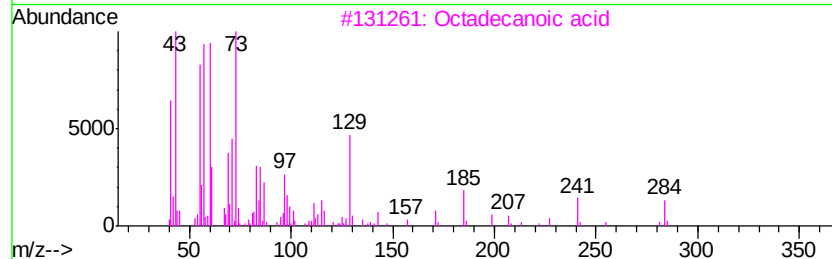
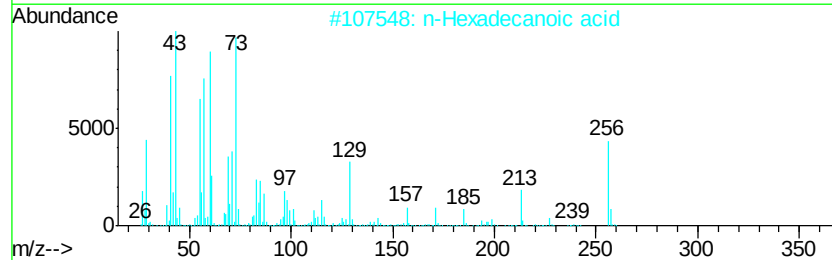
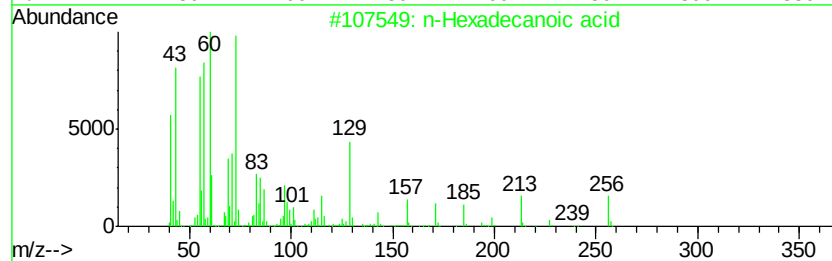
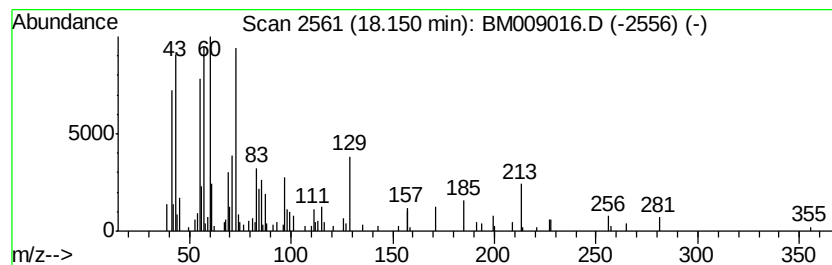
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.15	2.20 ng/ul	245125	Phenanthrene-d10	17.29		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87	
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86	
3	Octadecanoic acid	284	C18H36O2	000057-11-4	74	
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	72	
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	72	



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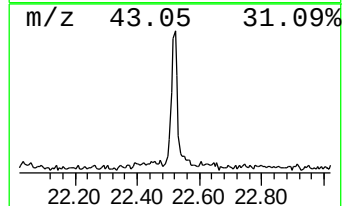
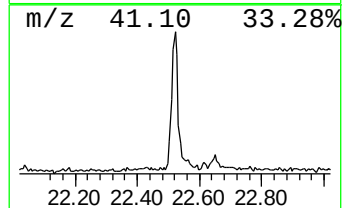
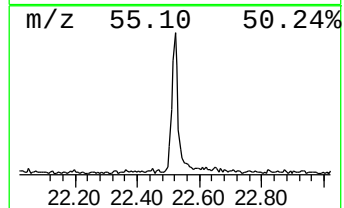
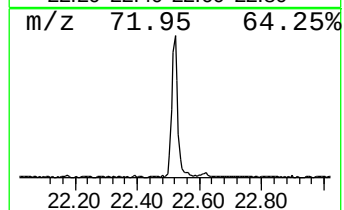
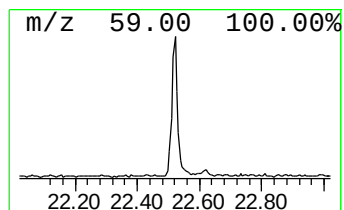
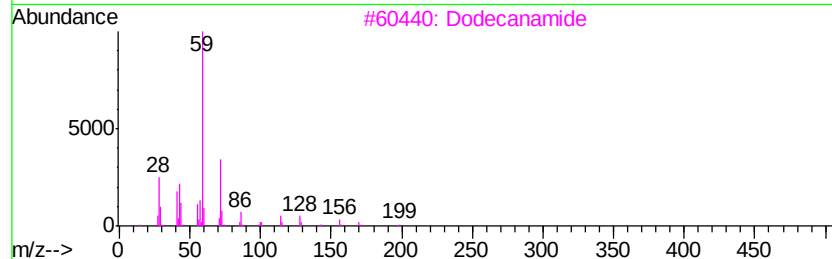
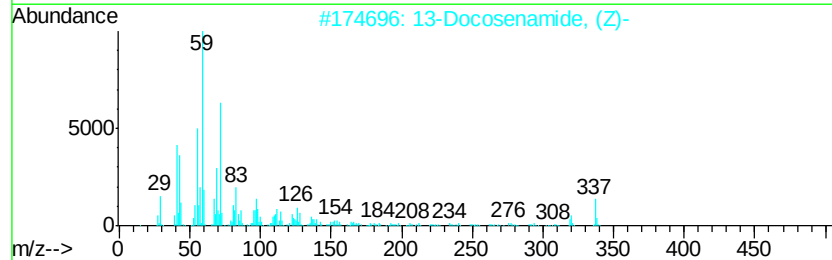
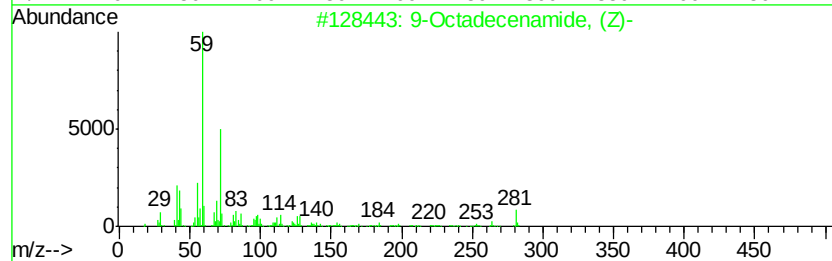
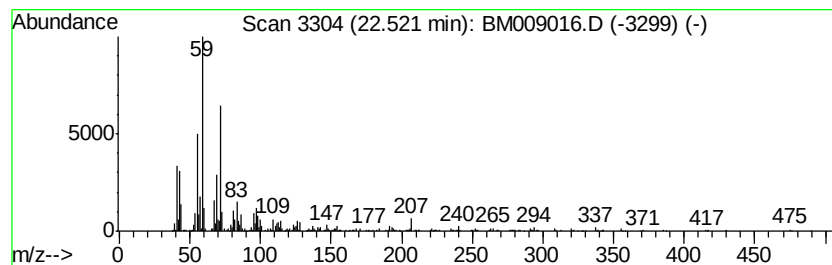
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Peak Number 3 9-Octadecenamide, (Z)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.52	7.51 ng/ul	1027870	Chrysene-d12	21.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	78
2		13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	68
3		Dodecanamide	199	C12H25NO	001120-16-7	53
4		Nonanamide	157	C9H19NO	001120-07-6	53
5		7-Nonenamide	155	C9H17NO	090949-53-4	52



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.02	2.0	ng/ul	115625	1	7.90	1142350	20.0
n-Hexadecanoic acid	18.15	2.2	ng/ul	245125	4	17.29	2229300	20.0
9-Octadecenamide, ...	22.52	7.5	ng/ul	1027870	5	21.46	2739090	20.0