

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042617\
 Data File : BM009723.D
 Acq On : 26 Apr 2017 17:00
 Operator : SJ/MA
 Sample : I2836-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CEM-BF006-01

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	6.986	657	663	672	rBV	497289	808587	20.58%	2.005%
2	7.157	685	692	703	rBV	372514	612806	15.60%	1.520%
3	7.351	719	725	734	rVB	468384	750962	19.12%	1.862%
4	7.822	798	805	814	rBV	663312	1077525	27.43%	2.672%
5	8.522	917	924	933	rBV	565099	919220	23.40%	2.280%
6	8.992	996	1004	1013	rBV	499093	826500	21.04%	2.050%
7	9.710	1117	1126	1134	rBV	412619	665415	16.94%	1.650%
8	10.239	1210	1216	1225	rBV	573692	944031	24.03%	2.341%
9	10.622	1273	1281	1292	rBV	919530	1557864	39.66%	3.864%
10	10.763	1299	1305	1319	rBV	368254	681733	17.35%	1.691%
11	13.880	1828	1835	1839	rBV	1037458	1448322	36.87%	3.592%
12	13.927	1839	1843	1849	rVB	246377	335286	8.53%	0.832%
13	14.162	1876	1883	1894	rBV	1164118	1672263	42.57%	4.147%
14	14.345	1908	1914	1918	rVB	38852	47494	1.21%	0.118%
15	14.468	1929	1935	1943	rVB2	1398889	2154140	54.83%	5.343%
16	14.668	1964	1969	1983	rBV	457963	775259	19.73%	1.923%
17	15.298	2071	2076	2081	rVB	105005	126287	3.21%	0.313%
18	15.462	2098	2104	2111	rVB	1561830	2210037	56.26%	5.481%
19	15.592	2118	2126	2136	rBV	491429	709201	18.05%	1.759%
20	15.704	2138	2145	2150	rVV4	41602	78578	2.00%	0.195%
21	16.162	2218	2223	2234	rBV	113901	213795	5.44%	0.530%
22	16.951	2354	2357	2361	rBV	64080	78477	2.00%	0.195%
23	17.221	2396	2403	2408	rBV2	1904292	2733500	69.58%	6.779%
24	17.262	2408	2410	2414	rVV	81528	94007	2.39%	0.233%
25	17.321	2414	2420	2431	rVB	1736336	2501320	63.67%	6.204%
26	17.586	2458	2465	2470	rBV5	32298	64070	1.63%	0.159%
27	18.092	2546	2551	2556	rBV3	203887	275751	7.02%	0.684%
28	19.280	2741	2753	2758	rBV	249000	415052	10.57%	1.029%
29	19.374	2764	2769	2777	rBV5	75409	112467	2.86%	0.279%
30	19.615	2804	2810	2821	rBV	2239475	3320640	84.53%	8.236%
31	19.721	2824	2828	2836	rVB10	42144	82394	2.10%	0.204%
32	20.274	2918	2922	2930	rBV5	66025	121450	3.09%	0.301%
33	20.791	3006	3010	3015	rBV8	31785	52953	1.35%	0.131%
34	21.086	3056	3060	3066	rBV	375840	446120	11.36%	1.106%

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35	21.180	3072	3076	3082	rBV5	33536	71063	1.81%	0.176%
36	21.291	3093	3095	3099	rVB2	53247	52993	1.35%	0.131%
37	21.397	3107	3113	3118	rBV	2882554	3928519	100.00%	9.743%
38	22.450	3287	3292	3302	rBV2	425728	654009	16.65%	1.622%
39	22.574	3310	3313	3318	rVB3	109978	137915	3.51%	0.342%
40	22.956	3376	3378	3383	rVB3	102083	119061	3.03%	0.295%
41	23.015	3383	3388	3399	rVB2	233625	553218	14.08%	1.372%
42	23.568	3475	3482	3489	rBV	1312828	2469742	62.87%	6.125%
43	23.715	3500	3507	3519	rVB	1643894	3135053	79.80%	7.775%
44	24.203	3587	3590	3597	rVB3	155666	285030	7.26%	0.707%

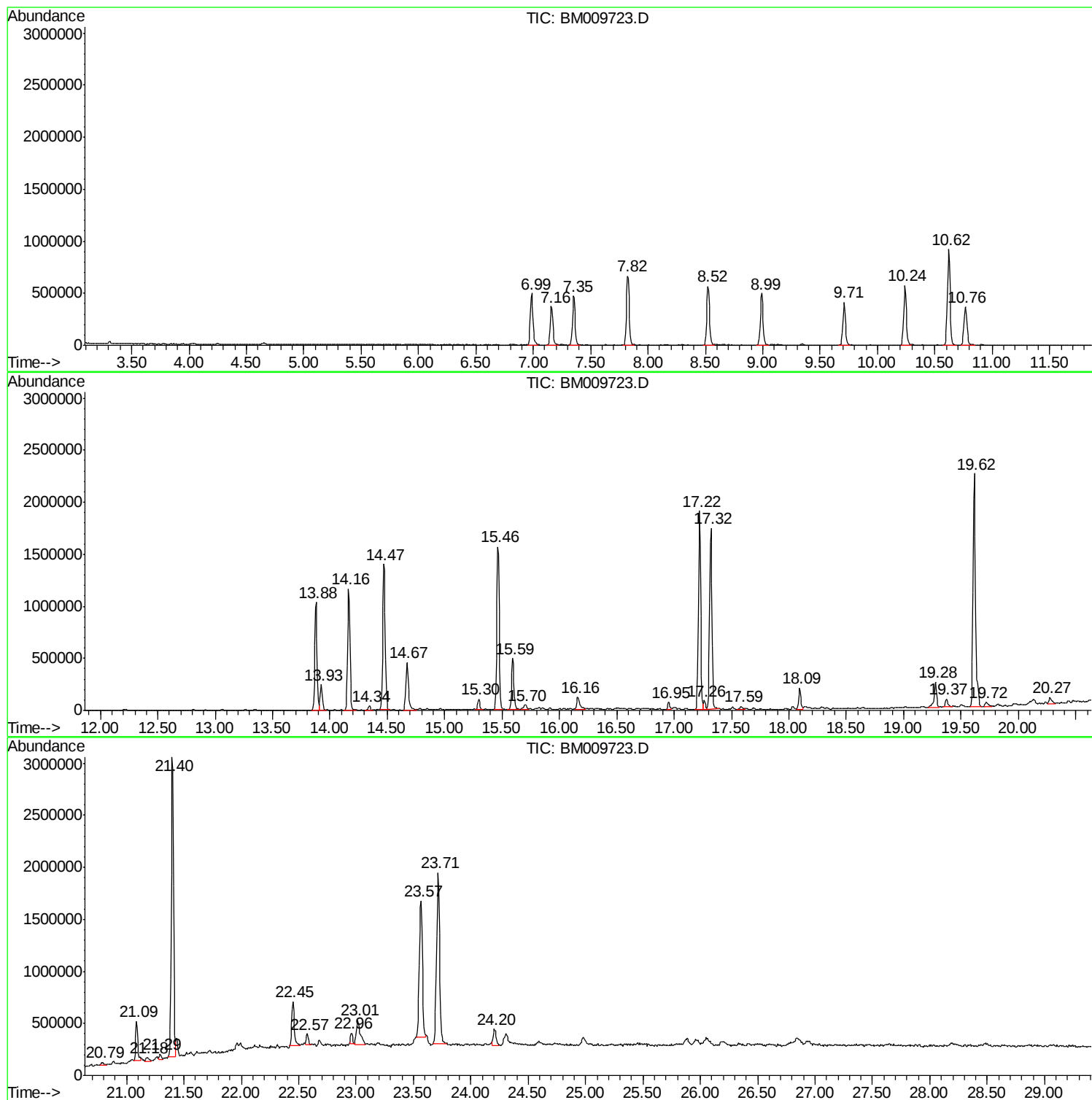
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

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



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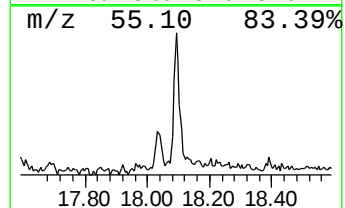
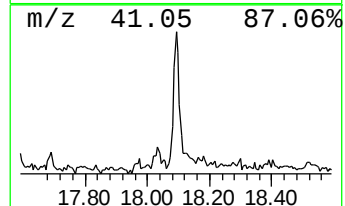
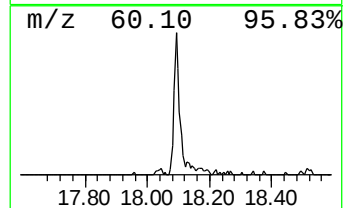
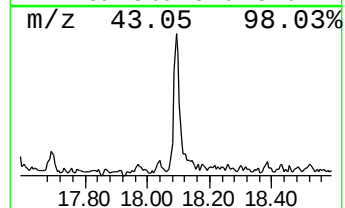
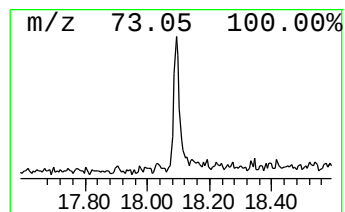
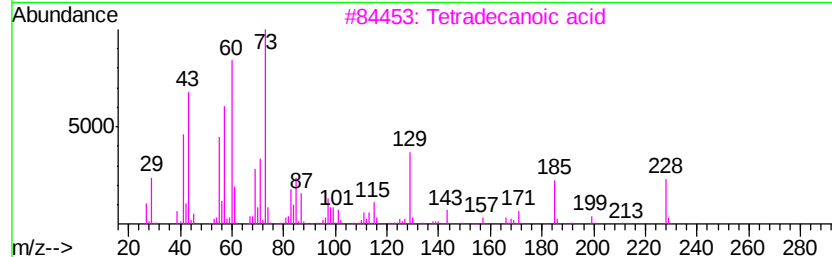
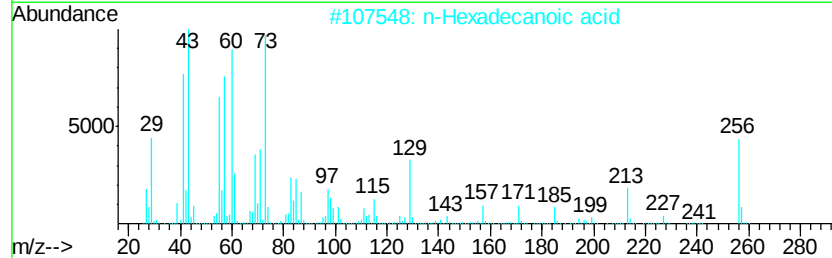
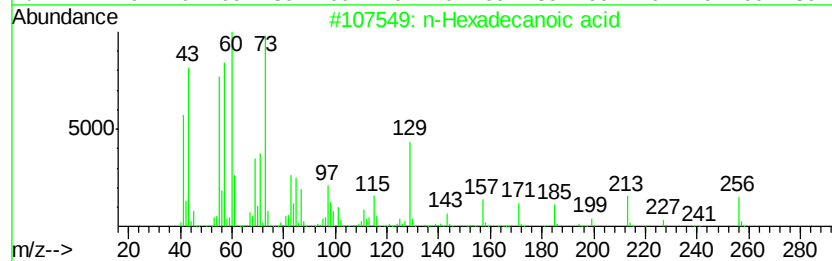
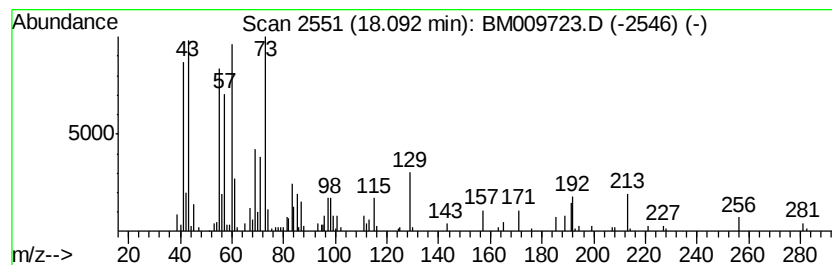
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.09	2.02 ng/ul	275751	Phenanthrene-d10	17.22		
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	Tetradecanoic acid	228	C14H28O2	000544-63-8	76	
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	74	
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	74	



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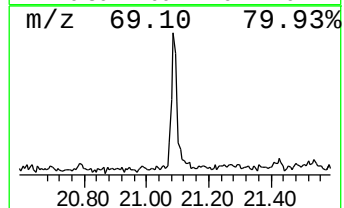
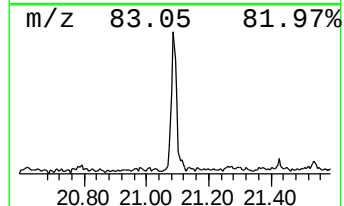
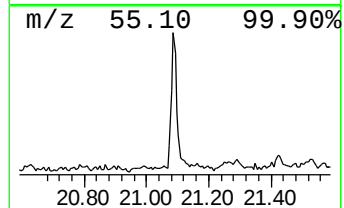
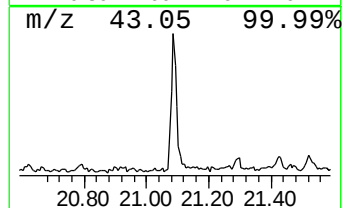
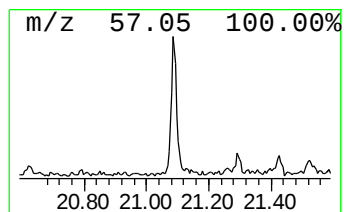
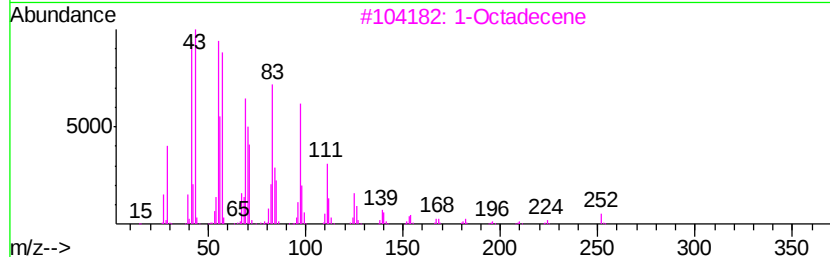
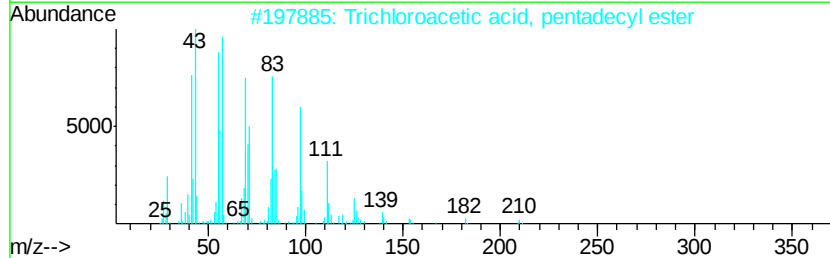
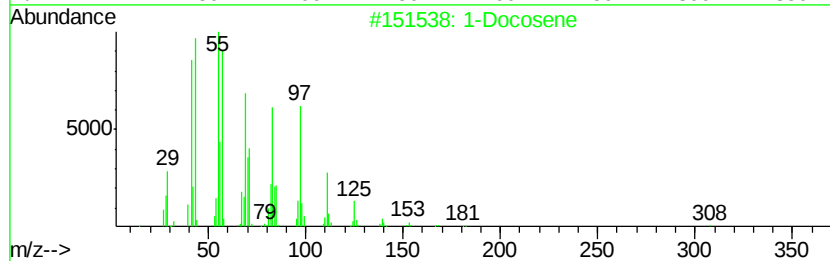
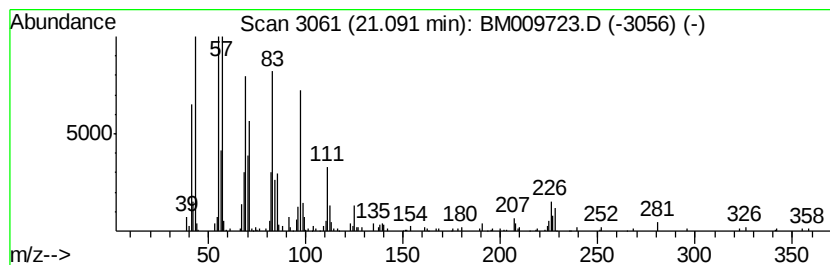
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Peak Number 2 (DEL) Alkane: Cyclic21.09 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.09	2.27 ng/ul	446120	Chrysene-d12	21.40

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Docosene	308	C22H44	001599-67-3	93
2			Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	93
3			1-Octadecene	252	C18H36	000112-88-9	93
4			Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	93
5			Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	93



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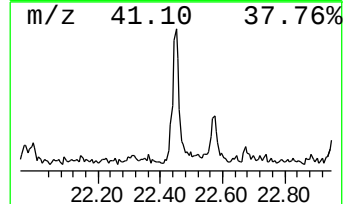
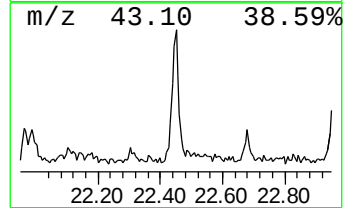
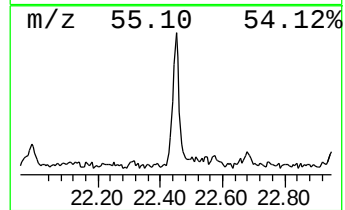
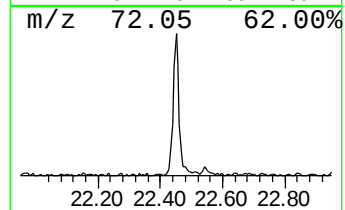
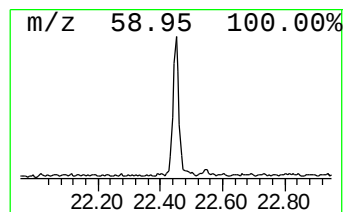
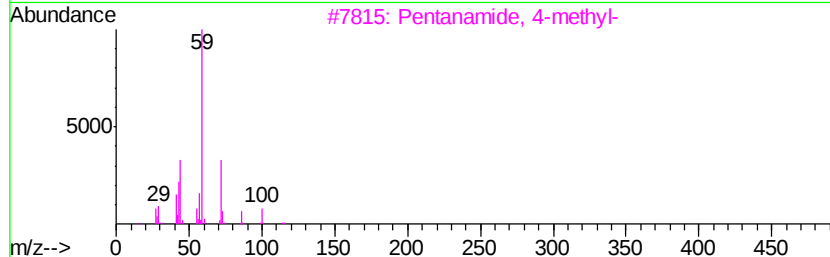
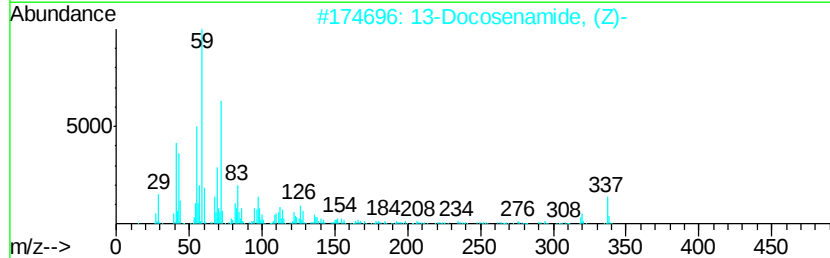
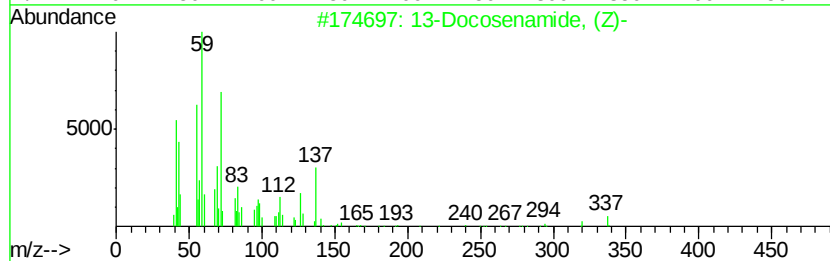
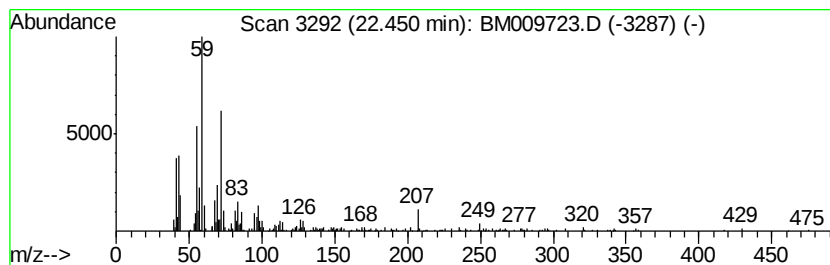
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Peak Number 3 13-Docosenamide, (Z)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
22.45	3.33 ng/ul	654009	Chrysene-d12	21.40		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	76
2		13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	62
3		Pentanamide, 4-methyl-	115	C6H13NO	001119-29-5	59
4		Octanamide	143	C8H17NO	000629-01-6	53
5		Octadecanamide	283	C18H37NO	000124-26-5	52



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.09	2.0	ng/ul	275751	4	17.22	2733500	20.0
(DEL) Alkane: Cyc...	21.09	2.3	ng/ul	446120	5	21.40	3928520	20.0
13-Docosenamide, ...	22.45	3.3	ng/ul	654009	5	21.40	3928520	20.0