

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM041917\
 Data File : BM009671.D
 Acq On : 19 Apr 2017 16:28
 Operator : SJ/MA
 Sample : I2691-10
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 YAB61

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-BM041717.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	3.316	35	39	45	rBV	28066	36365	1.27%	0.095%
2	6.816	628	634	639	rBV3	15736	30154	1.06%	0.079%
3	6.992	656	664	675	rBV	579079	1029316	36.09%	2.689%
4	7.163	687	693	704	rVB	430174	677711	23.76%	1.771%
5	7.363	715	727	735	rBV	571262	910462	31.92%	2.379%
6	7.834	800	807	812	rBV	612096	992980	34.81%	2.595%
7	7.881	812	815	819	rVB2	27913	39263	1.38%	0.103%
8	8.528	918	925	934	rBV	628858	1052138	36.89%	2.749%
9	8.998	998	1005	1014	rBV	527253	870578	30.52%	2.275%
10	9.086	1015	1020	1026	rBV2	31295	47932	1.68%	0.125%
11	9.716	1119	1127	1134	rBV	432805	710961	24.93%	1.858%
12	10.245	1210	1217	1227	rBV	619621	1022693	35.85%	2.672%
13	10.628	1275	1282	1289	rVB	773627	1276591	44.76%	3.336%
14	10.769	1300	1306	1317	rBV	467736	854386	29.95%	2.232%
15	13.880	1829	1835	1839	rBV	938408	1314210	46.07%	3.434%
16	13.927	1839	1843	1849	rVB	668422	918670	32.21%	2.400%
17	14.168	1876	1884	1893	rBV	1036189	1557817	54.61%	4.070%
18	14.474	1930	1936	1944	rVB2	998925	1553232	54.45%	4.058%
19	14.674	1961	1970	1984	rBV	440660	732933	25.70%	1.915%
20	15.304	2072	2077	2083	rVB3	48731	62011	2.17%	0.162%
21	15.468	2099	2105	2112	rBV	1406301	1987750	69.69%	5.194%
22	15.598	2120	2127	2137	rBV	384321	546725	19.17%	1.429%
23	15.710	2139	2146	2150	rVV4	30705	51652	1.81%	0.135%
24	16.168	2219	2224	2235	rBV2	64415	128543	4.51%	0.336%
25	16.956	2354	2358	2363	rBV	46560	60875	2.13%	0.159%
26	17.009	2363	2367	2374	rVB8	19215	36224	1.27%	0.095%
27	17.227	2397	2404	2410	rBV	1295284	1841294	64.55%	4.811%
28	17.327	2415	2421	2428	rVV2	1461697	2104798	73.79%	5.500%
29	18.098	2547	2552	2558	rBV2	194459	271952	9.53%	0.711%
30	19.256	2743	2749	2752	rBV7	34348	62934	2.21%	0.164%
31	19.380	2765	2770	2774	rBV	143484	200966	7.05%	0.525%
32	19.545	2794	2798	2803	rVB	192654	219507	7.70%	0.574%
33	19.621	2805	2811	2817	rVV	1894577	2546829	89.29%	6.655%
34	20.527	2956	2965	2971	rBV	1407149	2789600	97.80%	7.289%

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Integration Parameters: LSCINT.P

Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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35	20.574	2971	2973	2980	rVV	691447	946983	33.20%	2.474%
36	20.633	2980	2983	2990	rVB	214626	298740	10.47%	0.781%
37	21.092	3057	3061	3067	rBV2	153131	238396	8.36%	0.623%
38	21.403	3109	3114	3123	rBV	1982934	2530349	88.71%	6.611%
39	21.491	3125	3129	3140	rVV2	197806	437485	15.34%	1.143%
40	23.574	3476	3483	3493	rVB2	1422311	2852380	100.00%	7.453%
41	23.727	3502	3509	3518	rVB2	1210379	2427619	85.11%	6.343%

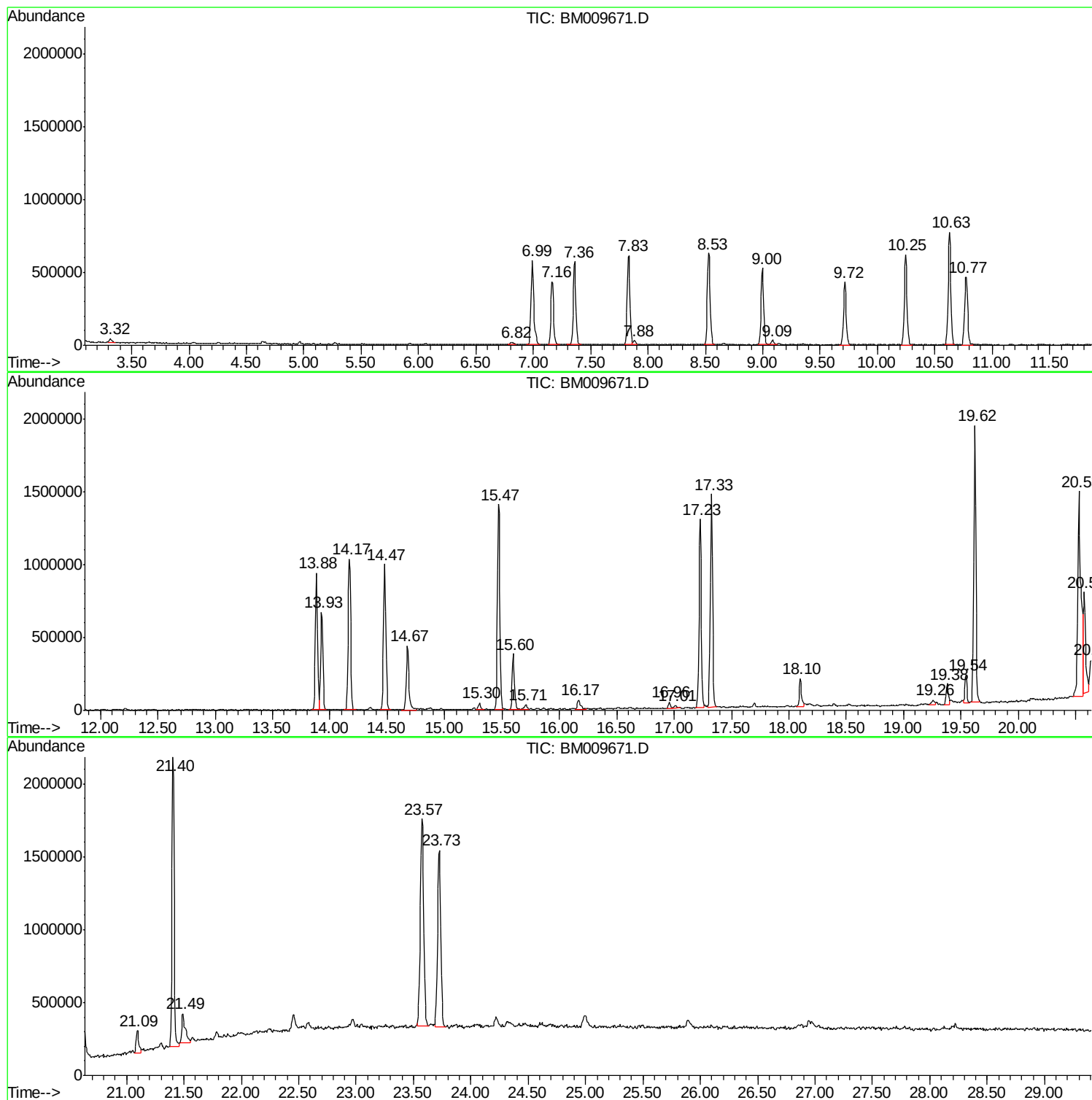
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM041717.M
Quant Title : SVOA CALIBRATION

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



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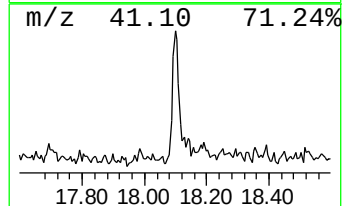
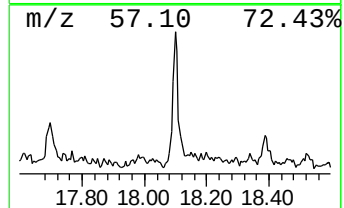
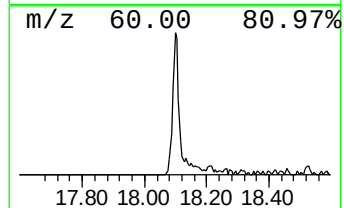
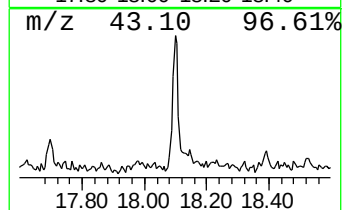
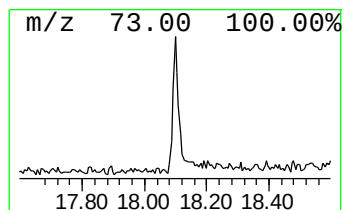
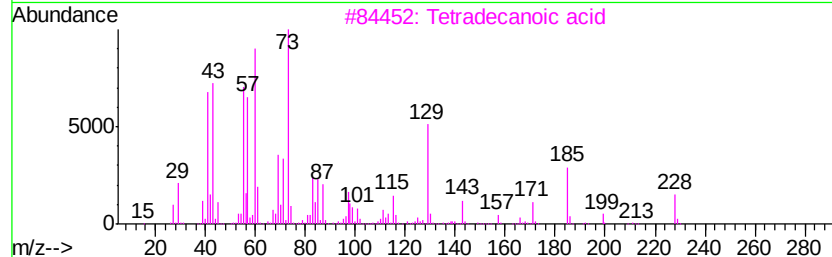
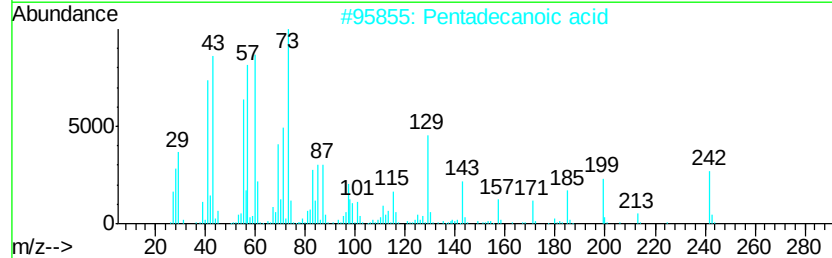
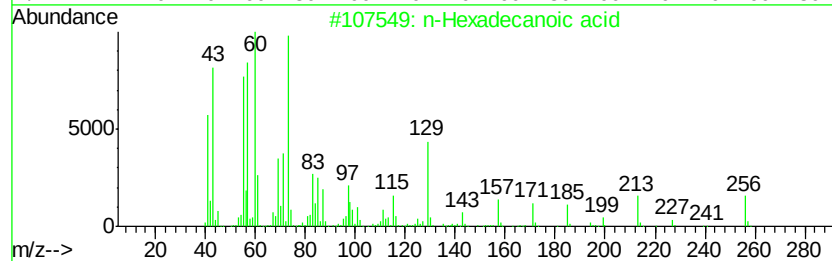
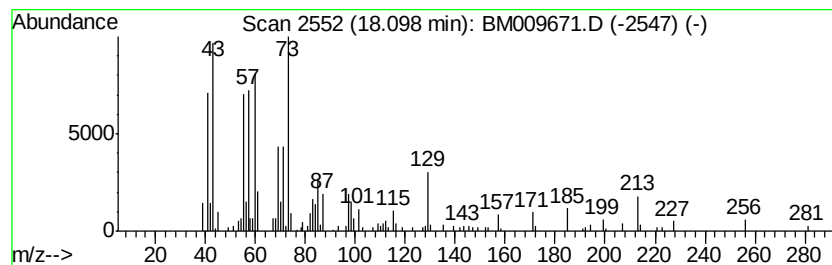
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Peak Number 1 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.10	2.95 ng/ul	271952	Phenanthrene-d10		17.23	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	83
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	80
4		Tridecanoic acid	214	C13H26O2	000638-53-9	74
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	72



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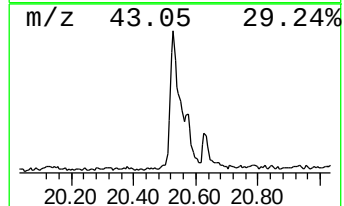
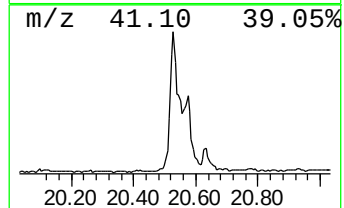
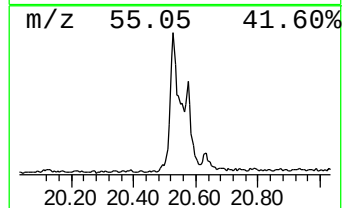
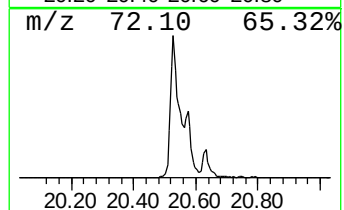
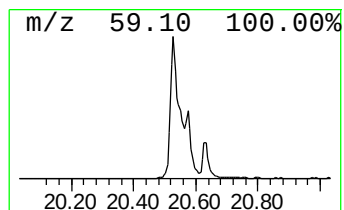
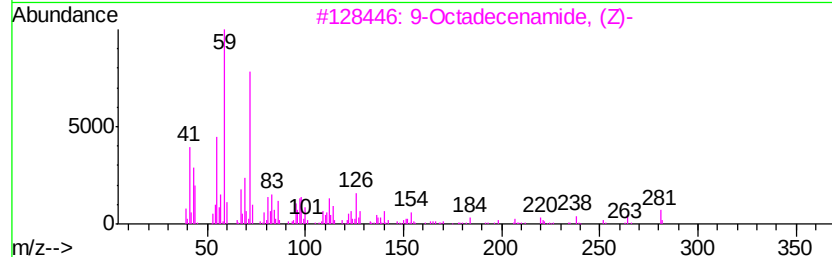
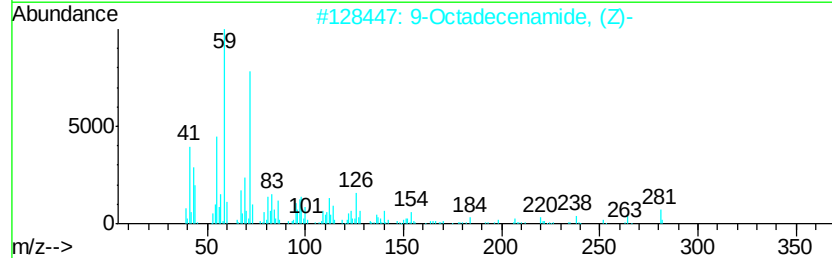
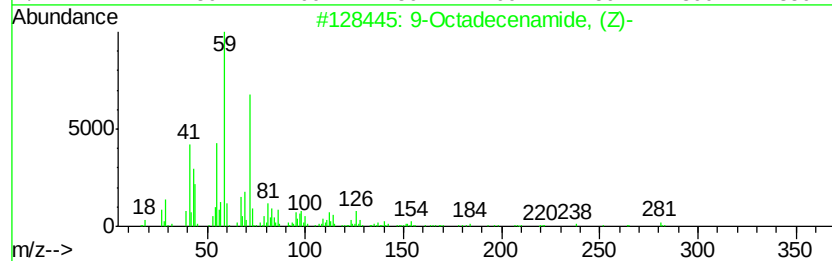
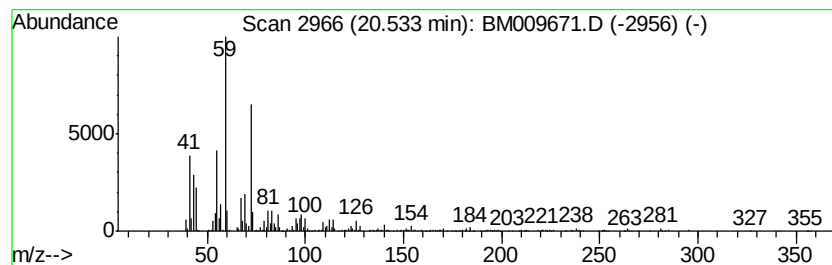
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 9-Octadecenamide, (Z)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.53	22.05 ng/ul	2789600	Chrysene-d12	21.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	99
2		9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	97
3		9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	97
4		Heptanamide, 4-ethyl-5-methyl-	171	C10H21NO	054789-40-1	64
5		7-Nonenamide	155	C9H17NO	090949-53-4	64



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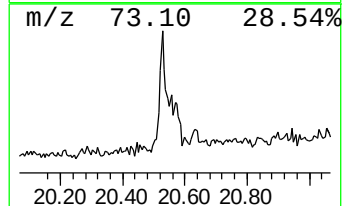
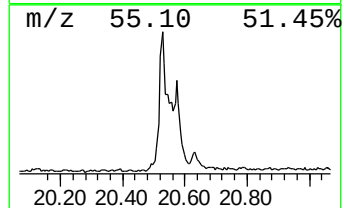
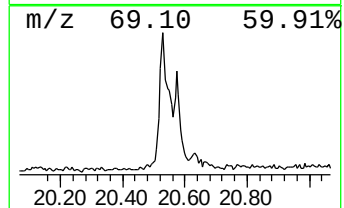
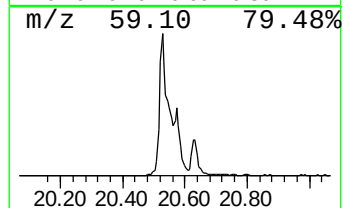
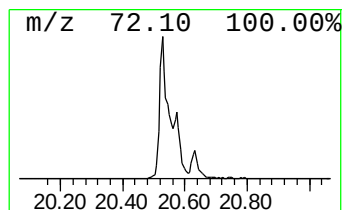
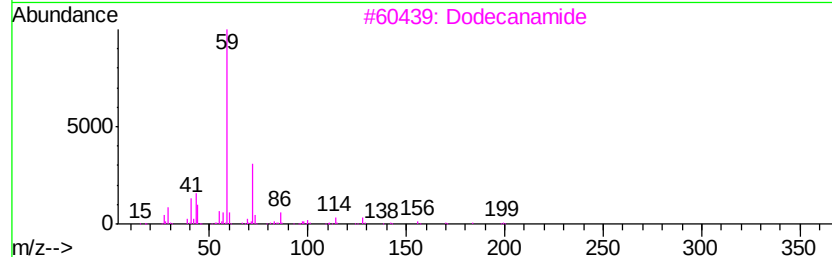
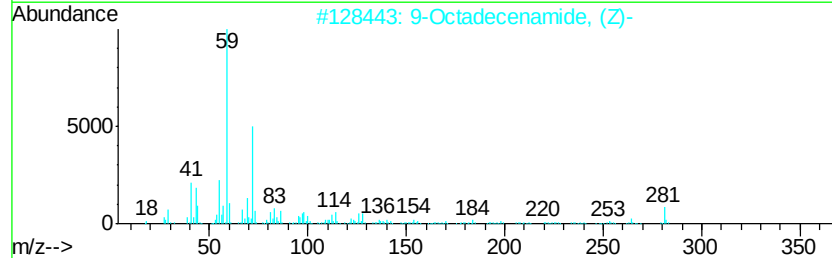
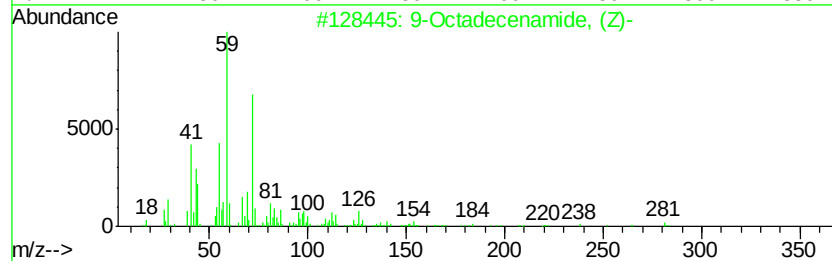
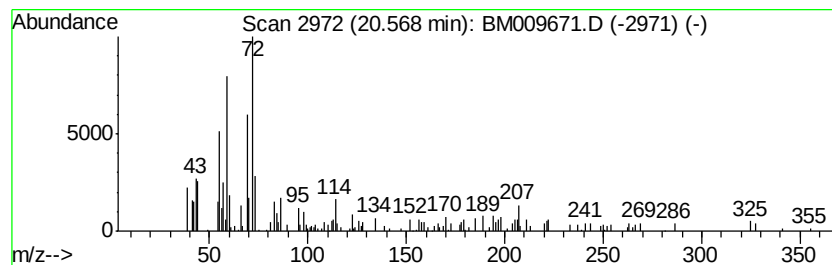
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 Dodecanamide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.57	7.49 ng/ul	946983	Chrysene-d12	21.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	91
2		9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	83
3		Dodecanamide	199	C12H25NO	001120-16-7	64
4		Tetradecanamide	227	C14H29NO	000638-58-4	59
5		Heptanamide, 4-ethyl-5-methyl-	171	C10H21NO	054789-40-1	59



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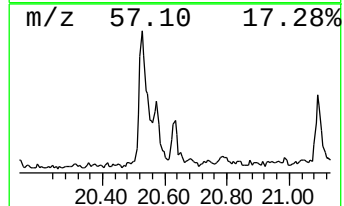
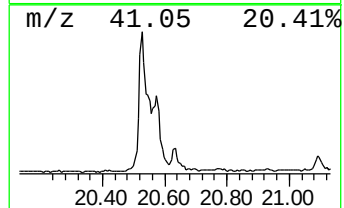
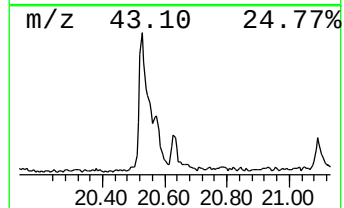
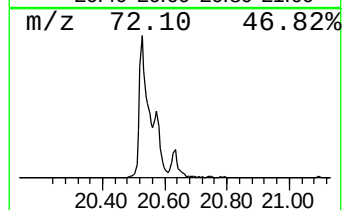
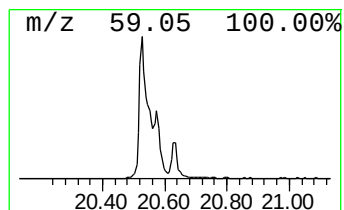
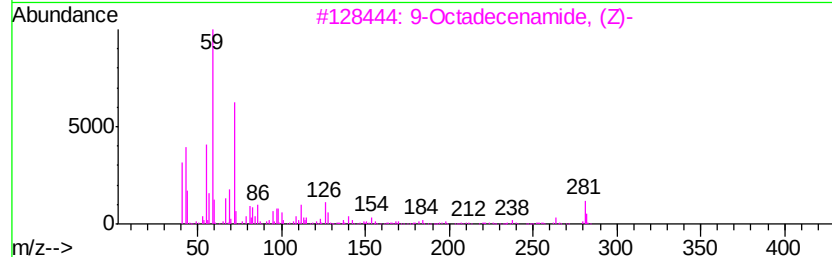
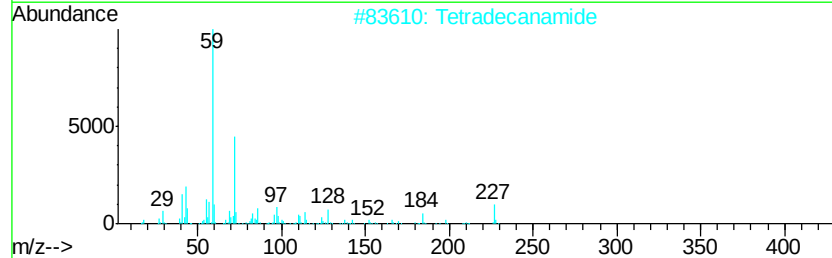
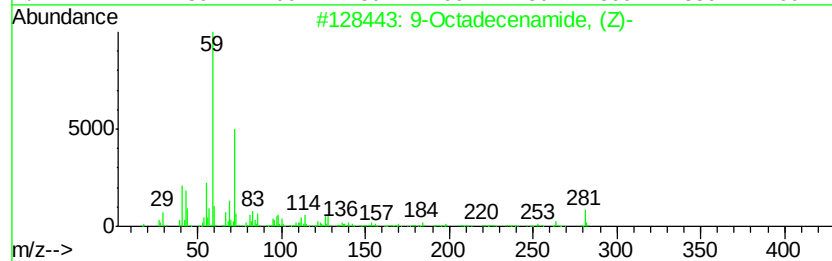
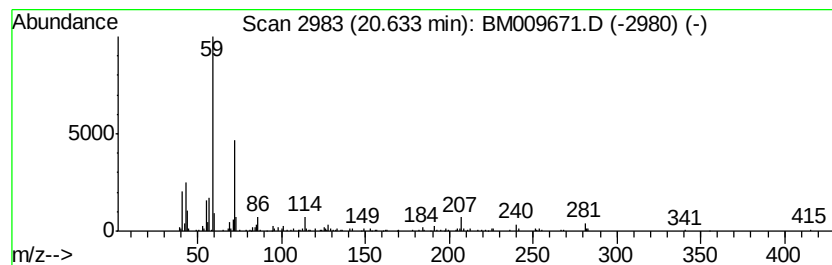
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 Tetradecanamide Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.63	2.36 ng/ul	298740	Chrysene-d12	21.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	83
2		Tetradecanamide	227	C14H29NO	000638-58-4	72
3		9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	72
4		Pentanamide, 4-methyl-	115	C6H13NO	001119-29-5	64
5		Dodecanamide	199	C12H25NO	001120-16-7	56



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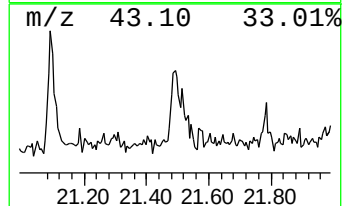
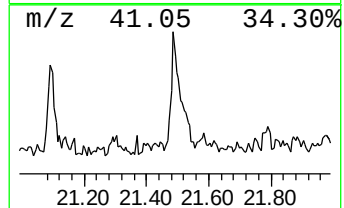
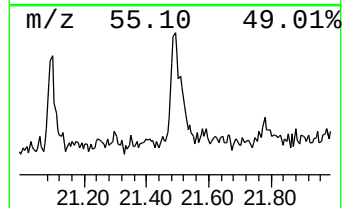
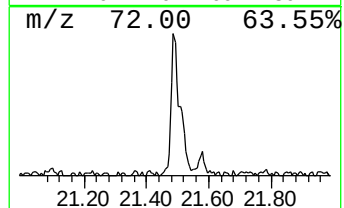
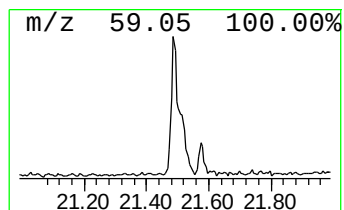
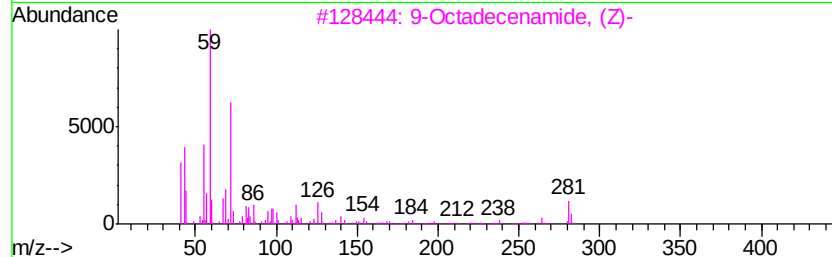
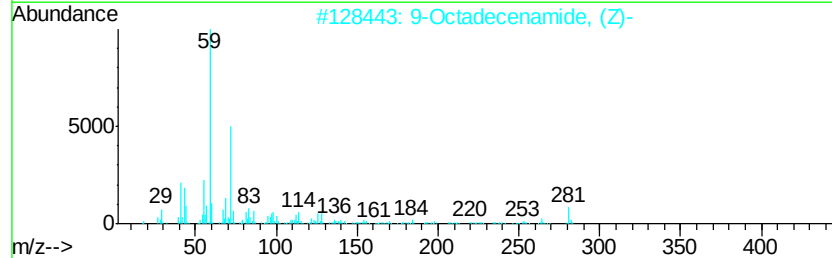
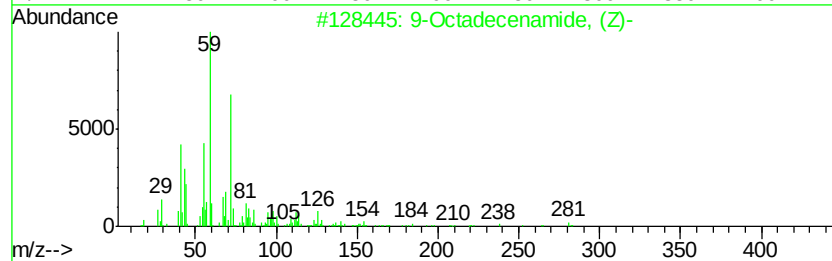
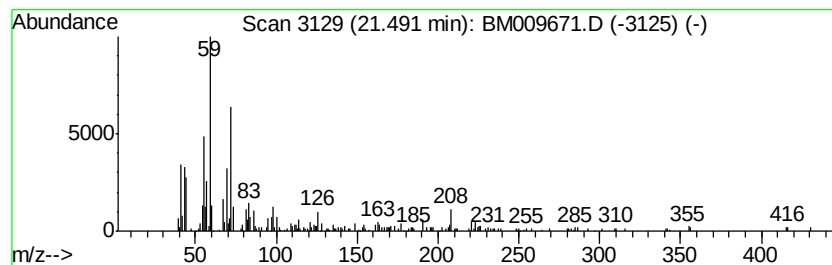
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Peak Number 5 Hexadecanamide Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.49	3.46 ng/ul	437485	Chrysene-d12	21.40

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-		281	C18H35NO	000301-02-0	87
2	9-Octadecenamide, (Z)-		281	C18H35NO	000301-02-0	87
3	9-Octadecenamide, (Z)-		281	C18H35NO	000301-02-0	74
4	Hexadecanamide		255	C16H33NO	000629-54-9	59
5	Benzeneethanamine, 2-fluoro-.bet...		229	C11H16FN03	061338-98-5	53



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Operator : SJ/MA
Sample : I2691-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
YAB61

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM041717.M
Quant Title : SVOA CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.10	3.0	ng/ul	271952	4	17.23	1841290	20.0
9-Octadecenamide,...	20.53	22.1	ng/ul	2789600	5	21.40	2530350	20.0
Dodecanamide	20.57	7.5	ng/ul	946983	5	21.40	2530350	20.0
Tetradecanamide	20.63	2.4	ng/ul	298740	5	21.40	2530350	20.0
Hexadecanamide	21.49	3.5	ng/ul	437485	5	21.40	2530350	20.0