

Data Path : Z:\HPCHEM1\BNA M\Data\BM041917\
 Data File : BM009666.D
 Acq On : 19 Apr 2017 13:29
 Operator : SJ/MA
 Sample : I2691-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 YAB54

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	34	39	44	rBV	39005	57472	1.28%	0.121%
2	6.993	657	664	678	rVB	713912	1261307	28.15%	2.650%
3	7.163	687	693	705	rBV	534199	846195	18.89%	1.778%
4	7.363	719	727	736	rBV	686611	1133646	25.31%	2.381%
5	7.834	800	807	812	rBV	578903	928397	20.72%	1.950%
6	7.881	812	815	824	rVB	67083	96217	2.15%	0.202%
7	8.528	919	925	935	rBV	806344	1305443	29.14%	2.742%
8	8.998	997	1005	1015	rBV	687833	1118939	24.98%	2.351%
9	9.716	1120	1127	1138	rVB	563379	934045	20.85%	1.962%
10	10.245	1207	1217	1228	rVB	769262	1288718	28.77%	2.707%
11	10.628	1275	1282	1289	rBV	740285	1201966	26.83%	2.525%
12	10.769	1300	1306	1319	rBV	699271	1215481	27.13%	2.553%
13	13.680	1797	1801	1807	rBV2	36219	47227	1.05%	0.099%
14	13.886	1829	1836	1840	rBV	1182294	1706911	38.10%	3.586%
15	13.927	1840	1843	1851	rVB	739369	1043094	23.28%	2.191%
16	14.169	1877	1884	1897	rVB	1394806	2028032	45.27%	4.260%
17	14.474	1930	1936	1944	rVB2	940465	1471901	32.86%	3.092%
18	14.674	1964	1970	1986	rBV	620643	973785	21.74%	2.046%
19	15.304	2073	2077	2084	rVB3	52145	68566	1.53%	0.144%
20	15.469	2099	2105	2113	rVB	1756509	2514607	56.13%	5.282%
21	15.598	2121	2127	2137	rBV	609788	845873	18.88%	1.777%
22	15.710	2137	2146	2150	rBV5	32507	56945	1.27%	0.120%
23	16.168	2219	2224	2232	rBV	65151	110141	2.46%	0.231%
24	16.957	2354	2358	2364	rBV2	36767	49983	1.12%	0.105%
25	17.227	2397	2404	2410	rBV	1286298	1762738	39.35%	3.703%
26	17.327	2413	2421	2428	rBV	1959017	2741165	61.19%	5.758%
27	18.104	2547	2553	2563	rBV	375934	585746	13.07%	1.230%
28	19.256	2743	2749	2752	rBV3	33584	52179	1.16%	0.110%
29	19.380	2765	2770	2779	rBV	240250	364794	8.14%	0.766%
30	19.545	2794	2798	2803	rVB	334768	375217	8.38%	0.788%
31	19.621	2805	2811	2820	rVB	2517133	3294605	73.54%	6.921%
32	20.527	2955	2965	2971	rBV	2324298	4479897	100.00%	9.411%
33	20.574	2971	2973	2979	rVV	1120130	1587671	35.44%	3.335%
34	20.627	2979	2982	2990	rVB	374253	548631	12.25%	1.153%

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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	21.092	3057	3061	3070	rBV	332180	463724	10.35%	0.974%
36	21.403	3109	3114	3120	rBV	1837784	2384582	53.23%	5.009%
37	21.486	3124	3128	3132	rBV	329689	511456	11.42%	1.074%
38	21.786	3176	3179	3183	rVB2	106101	114928	2.57%	0.241%
39	22.456	3289	3293	3300	rVB3	183272	261395	5.83%	0.549%
40	23.574	3476	3483	3492	rVB2	1831206	3475646	77.58%	7.301%
41	23.727	3502	3509	3518	rVB	1163082	2293808	51.20%	4.819%

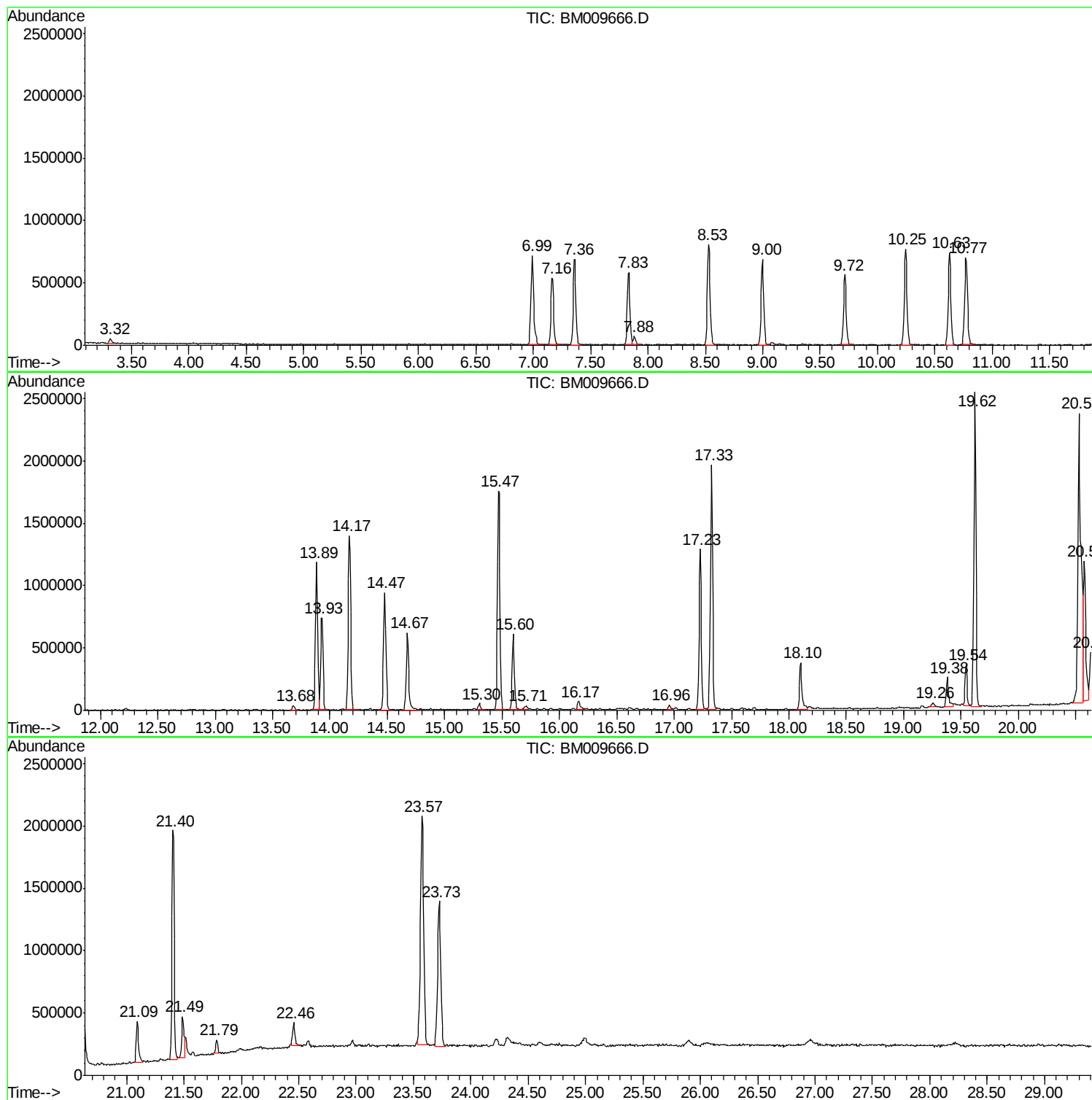
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM041717.M
Quant Title : SVOA CALIBRATION

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



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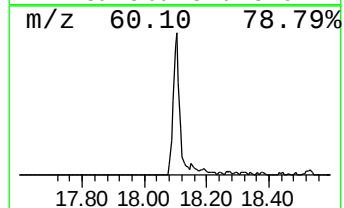
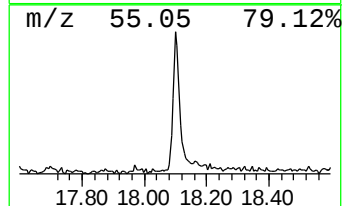
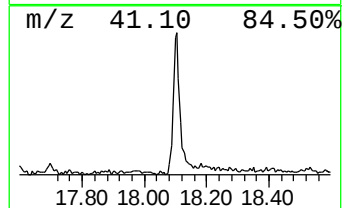
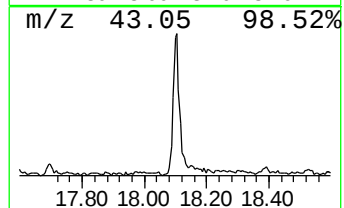
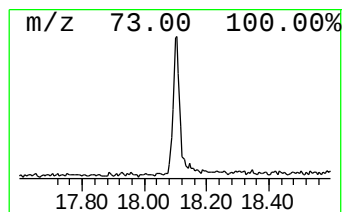
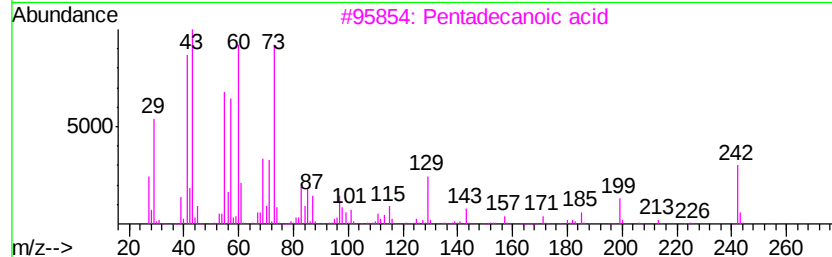
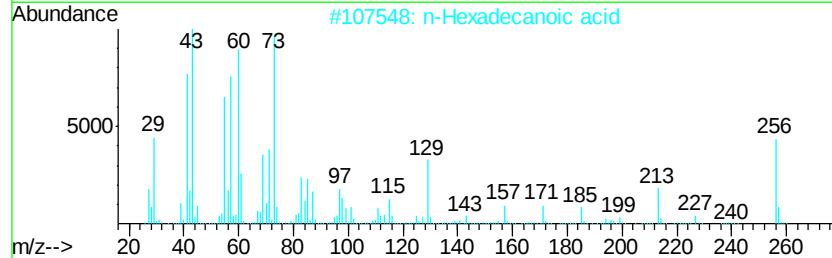
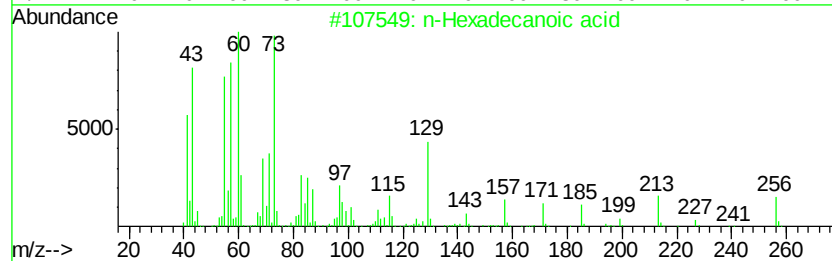
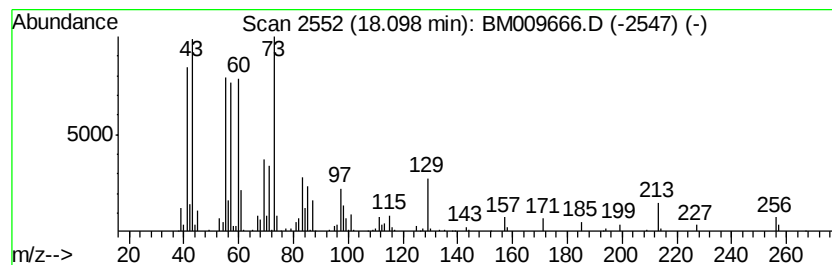
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM041717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.10	6.65 ng/ul	585746	Phenanthrene-d10		17.23	
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	90
3	Pentadecanoic acid		242	C15H30O2	001002-84-2	86
4	Pentadecanoic acid		242	C15H30O2	001002-84-2	83
5	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	81



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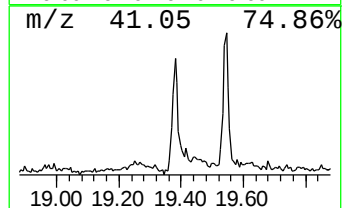
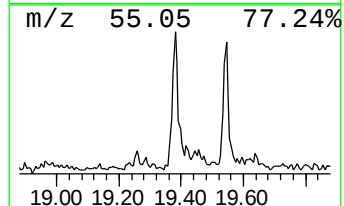
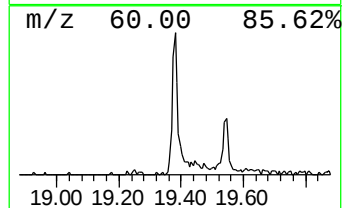
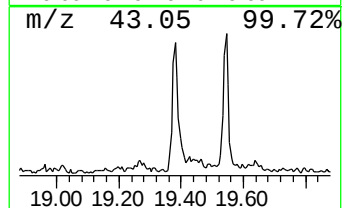
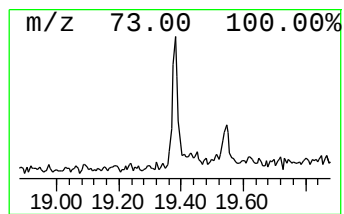
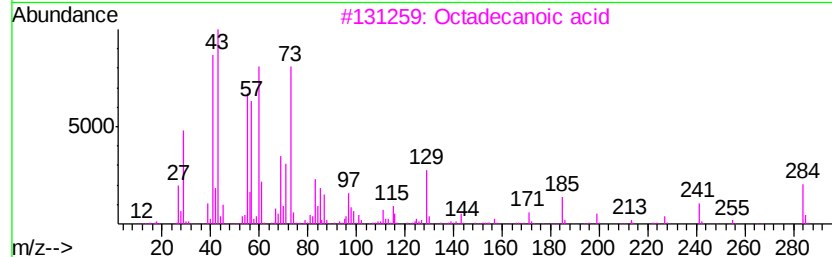
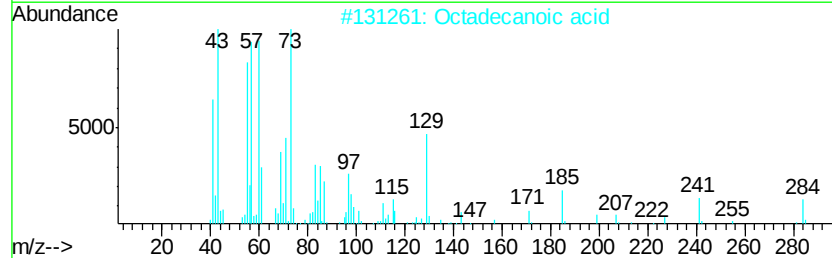
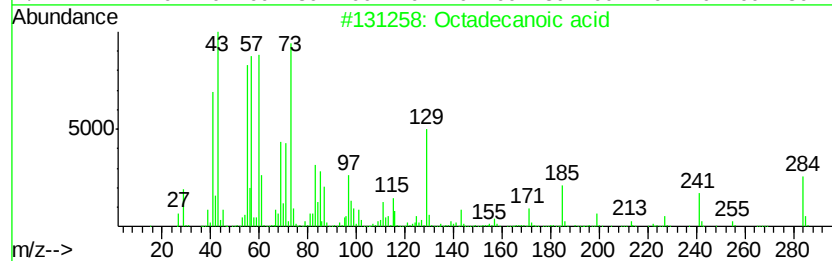
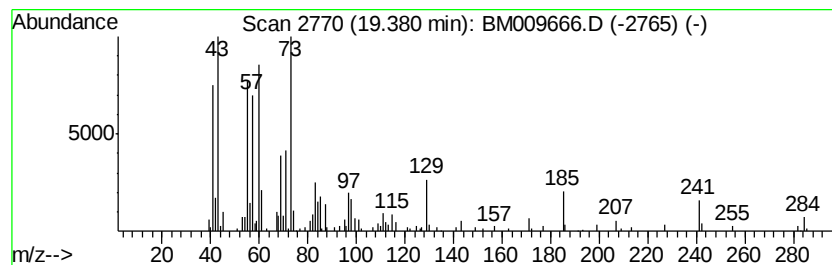
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM041717.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 Octadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD		R.T.
19.38	3.06 ng/ul	364794	Chrysene-d12		21.40
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	97
2	Octadecanoic acid	284	C18H36O2	000057-11-4	97
3	Octadecanoic acid	284	C18H36O2	000057-11-4	87
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	86
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	83



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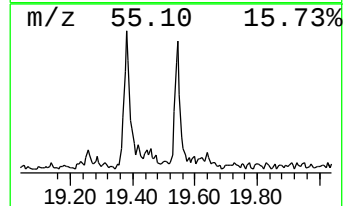
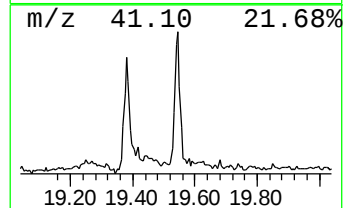
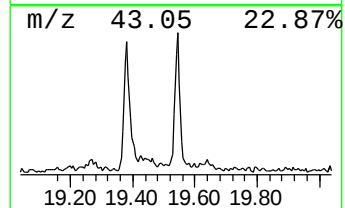
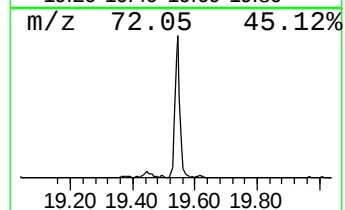
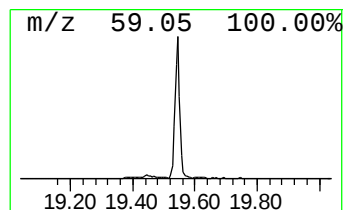
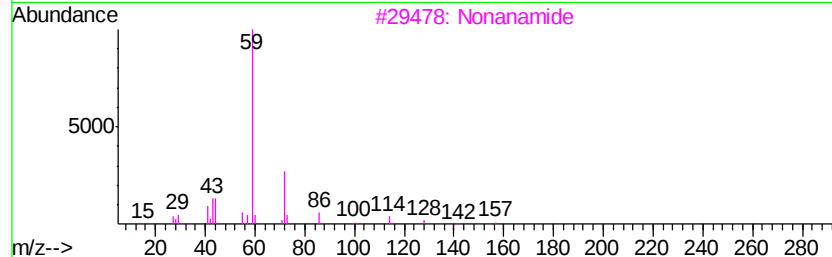
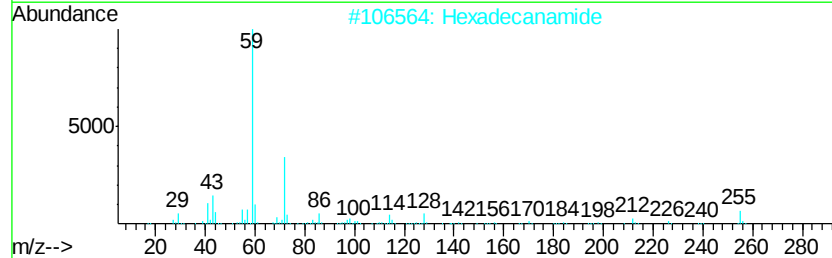
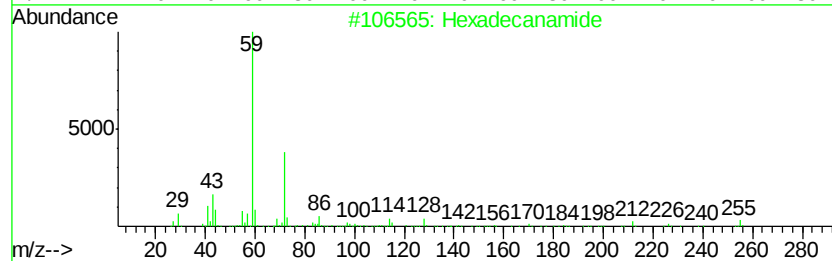
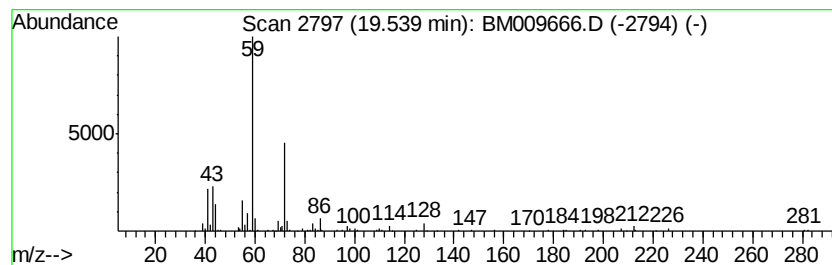
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM041717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 Hexadecanamide Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.54	3.15 ng/ul	375217	Chrysene-d12	21.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanamide	255	C16H33NO	000629-54-9	90
2		Hexadecanamide	255	C16H33NO	000629-54-9	86
3		Nonanamide	157	C9H19NO	001120-07-6	72
4		Dodecanamide	199	C12H25NO	001120-16-7	64
5		Decanamide-	171	C10H21NO	002319-29-1	64



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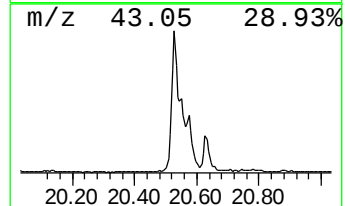
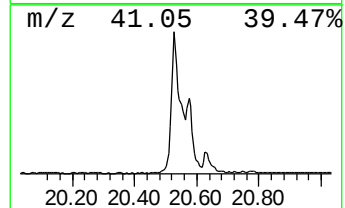
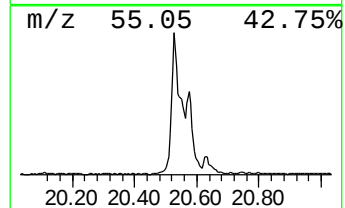
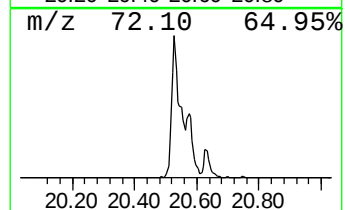
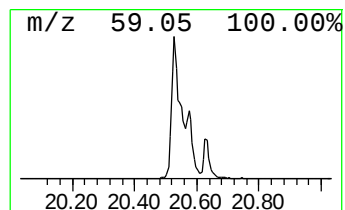
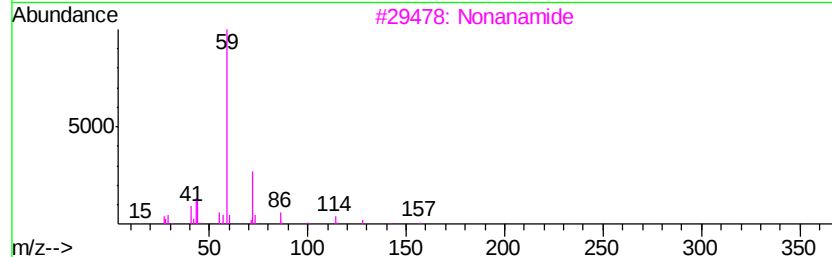
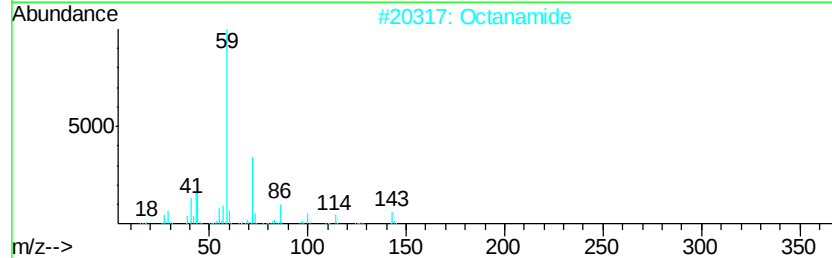
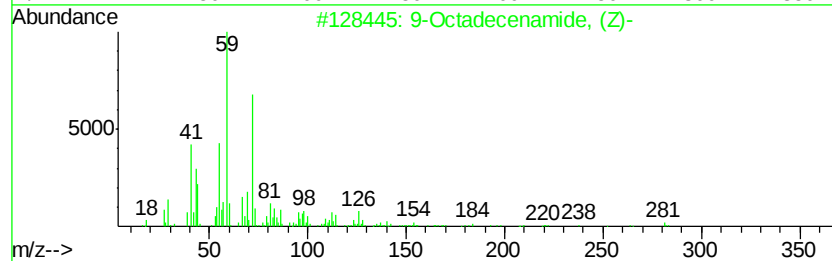
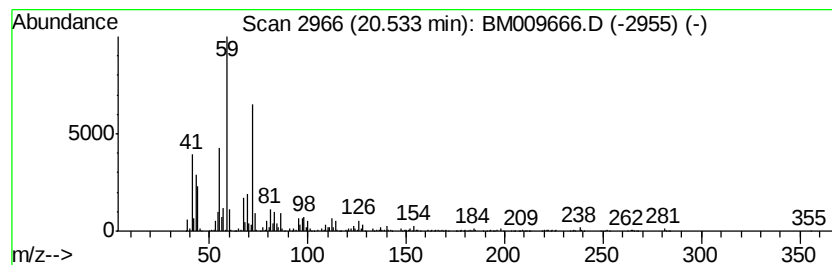
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 9-Octadecenamide, (Z)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.53	37.57 ng/ul	4479900	Chrysene-d12	21.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	98
2		Octanamide	143	C8H17NO	000629-01-6	64
3		Nonanamide	157	C9H19NO	001120-07-6	59
4		9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	53
5		9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	53



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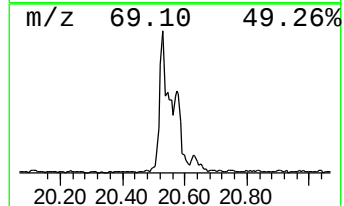
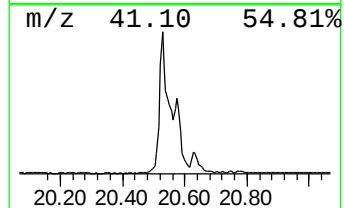
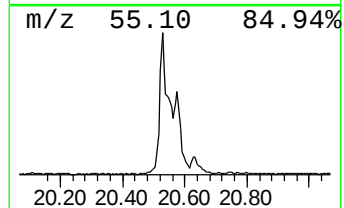
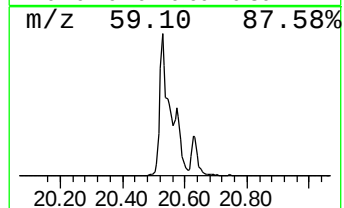
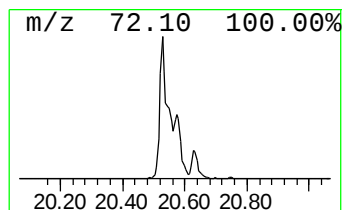
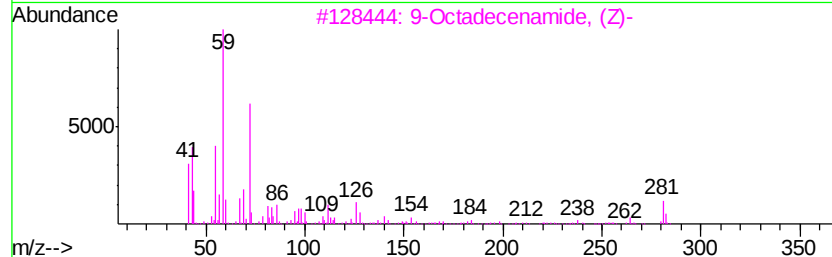
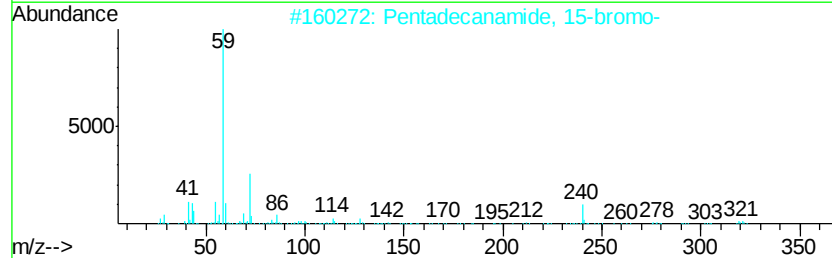
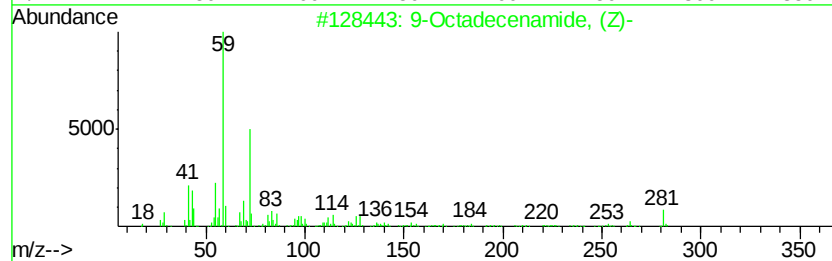
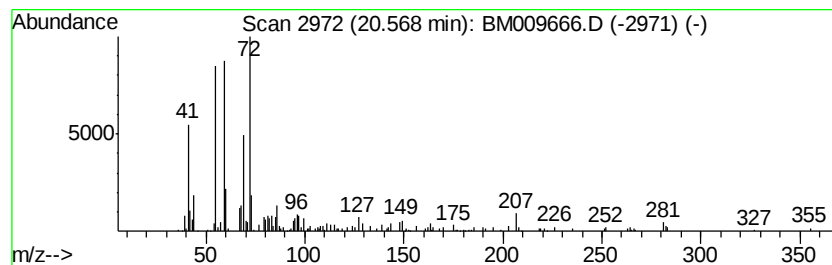
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Peak Number 5 Pentadecanamide, 15-bromo- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.57	13.32 ng/ul	1587670	Chrysene-d12	21.40
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	9-Octadecenamide, (Z)-	281 C18H35NO	000301-02-0	78
2	Pentadecanamide, 15-bromo-	319 C15H30BrNO	1000163-86-1	72
3	9-Octadecenamide, (Z)-	281 C18H35NO	000301-02-0	72
4	Heptanamide, 4-ethyl-5-methyl-	171 C10H21NO	054789-40-1	72
5	Decanamide-	171 C10H21NO	002319-29-1	56



Data Path : Z:\HPCHEM1\BNA M\Data\BM041917\
Data File : BM009666.D
Acq On : 19 Apr 2017 13:29
Operator : SJ/MA
Sample : I2691-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

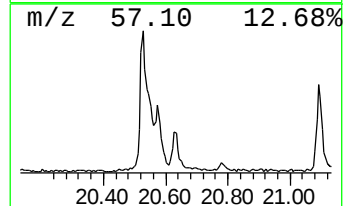
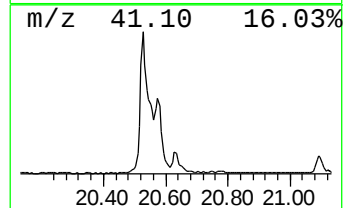
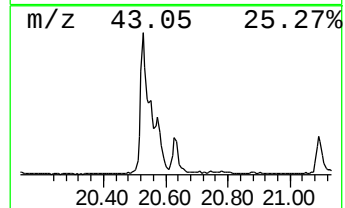
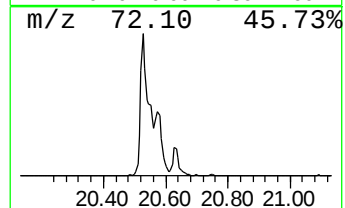
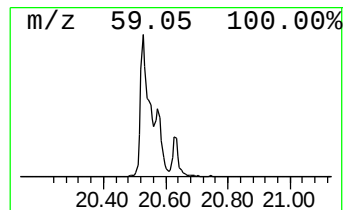
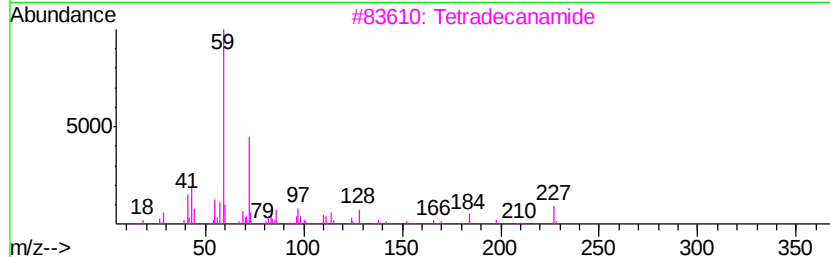
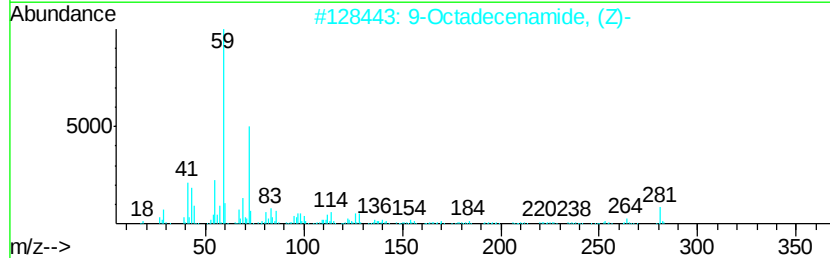
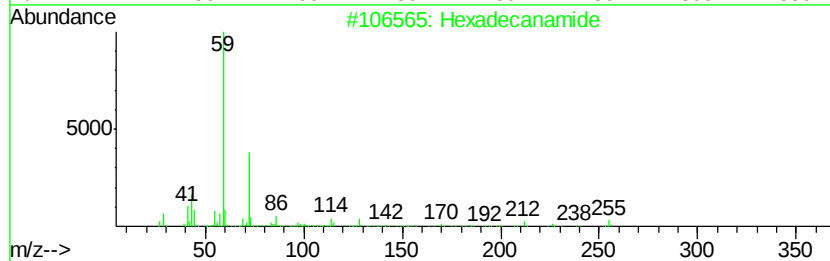
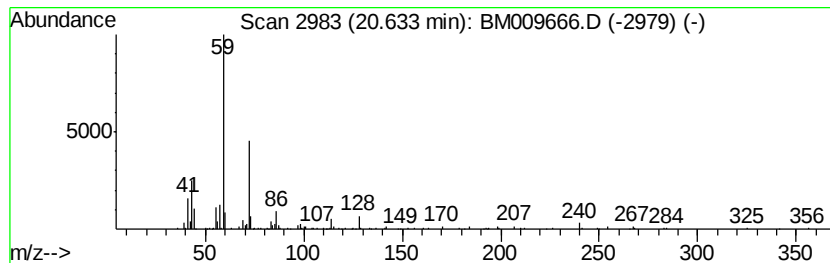
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM041717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 Tetradecanamide Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
20.63	4.60 ng/ul	548631	Chrysene-d12	21.40		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecanamide	255	C16H33NO	000629-54-9	90
2		9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	78
3		Tetradecanamide	227	C14H29NO	000638-58-4	74
4		Dodecanamide	199	C12H25NO	001120-16-7	64
5		Nonanamide	157	C9H19NO	001120-07-6	59



Data Path : Z:\HPCHEM1\BNA M\Data\BM041917\
Data File : BM009666.D
Acq On : 19 Apr 2017 13:29
Operator : SJ/MA
Sample : I2691-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
YAB54

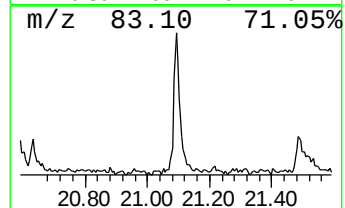
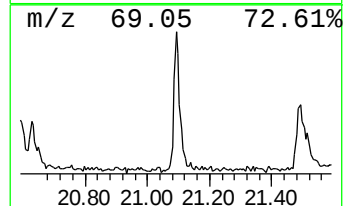
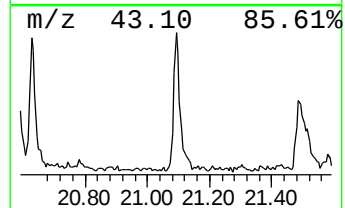
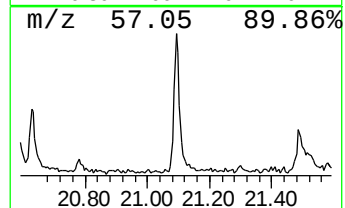
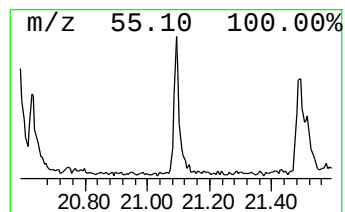
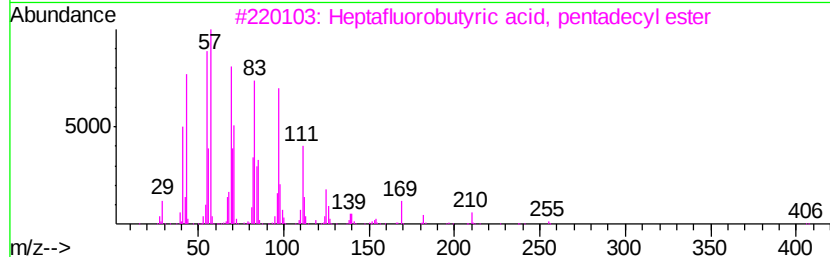
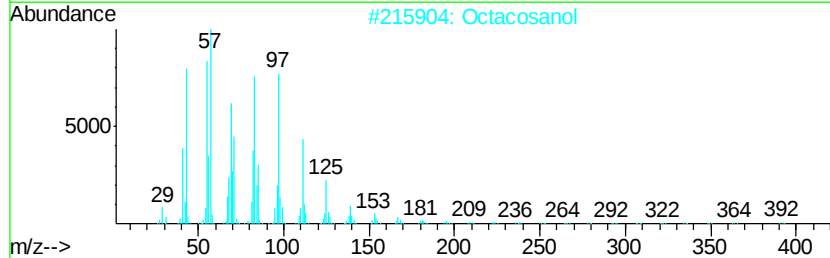
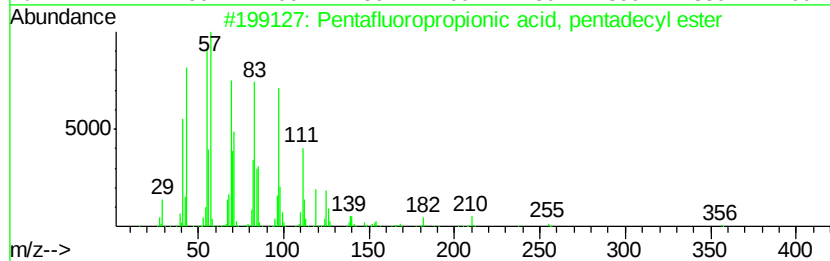
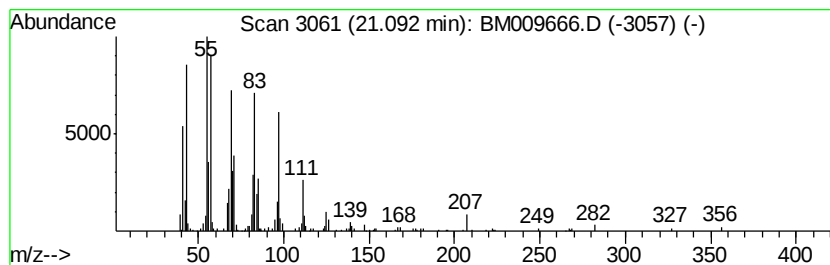
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 Pentafluoropropionic acid, ... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.09	3.89 ng/ul	463724	Chrysene-d12	21.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	91
2		Octacosanol	410	C28H58O	000557-61-9	91
3		Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	91
4		Behenic alcohol	326	C22H46O	000661-19-8	91
5		Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	91



Data Path : Z:\HPCHEM1\BNA M\Data\BM041917\
Data File : BM009666.D
Acq On : 19 Apr 2017 13:29
Operator : SJ/MA
Sample : I2691-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

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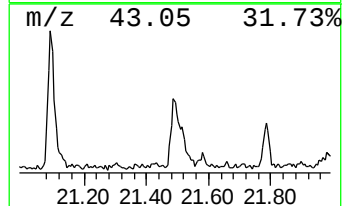
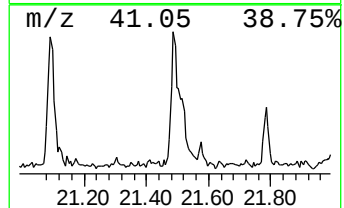
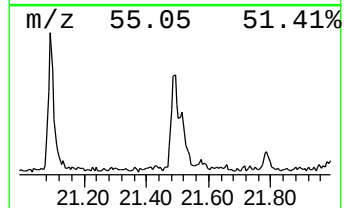
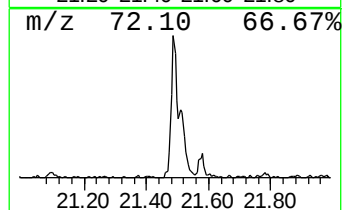
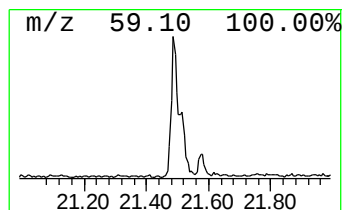
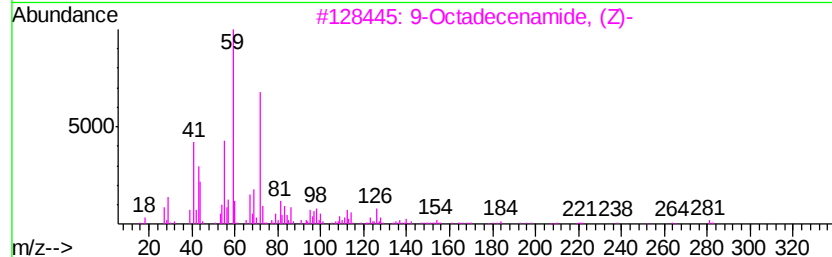
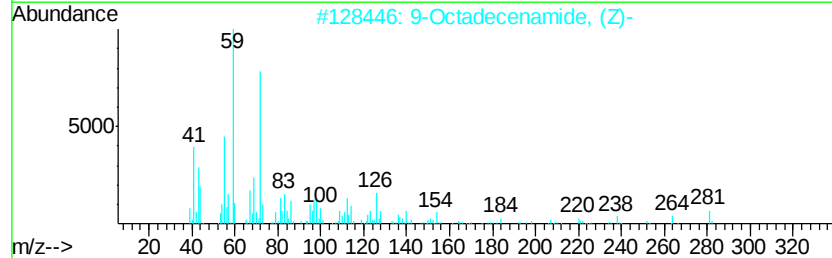
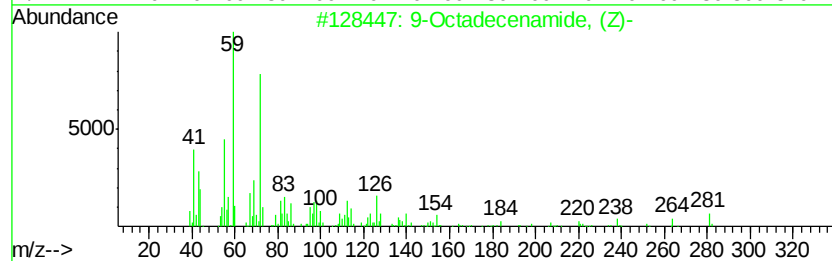
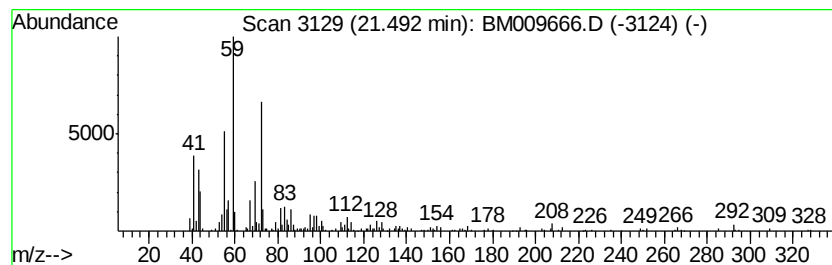
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM041717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 8 Octadecanamide Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.49	4.29 ng/ul	511456	Chrysene-d12	21.40

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-		281	C18H35NO	000301-02-0	95
2	9-Octadecenamide, (Z)-		281	C18H35NO	000301-02-0	95
3	9-Octadecenamide, (Z)-		281	C18H35NO	000301-02-0	90
4	9-Octadecenamide, (Z)-		281	C18H35NO	000301-02-0	81
5	Octadecanamide		283	C18H37NO	000124-26-5	64



Data Path : Z:\HPCHEM1\BNA_M\Data\BM041917\
Data File : BM009666.D
Acq On : 19 Apr 2017 13:29
Operator : SJ/MA
Sample : I2691-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
YAB54

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	6.7	ng/ul	585746	4	17.23	1762740	20.0
Octadecanoic acid	19.38	3.1	ng/ul	364794	5	21.40	2384580	20.0
Hexadecanamide	19.54	3.1	ng/ul	375217	5	21.40	2384580	20.0
9-Octadecenamide, ...	20.53	37.6	ng/ul	4479900	5	21.40	2384580	20.0
Pentadecanamide, ...	20.57	13.3	ng/ul	1587670	5	21.40	2384580	20.0
Tetradecanamide	20.63	4.6	ng/ul	548631	5	21.40	2384580	20.0
Pentafluoropropio...	21.09	3.9	ng/ul	463724	5	21.40	2384580	20.0
Octadecanamide	21.49	4.3	ng/ul	511456	5	21.40	2384580	20.0