

Data Path : Z:\HPCHEM1\BNA_M\Data\BM103017\
 Data File : BM012603.D
 Acq On : 31 Oct 2017 11:21
 Operator : SJ/JU
 Sample : I5873-03DL 30X
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-13(1-3) 101117DL

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-BM102417.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	5.387	386	391	398	rVB	254226	367803	1.64%	0.465%
2	5.516	407	413	423	rBV	2226448	3862608	17.23%	4.879%
3	5.887	469	476	487	rBV	787348	1155634	5.15%	1.460%
4	7.863	804	812	820	rBV	1177410	1892899	8.44%	2.391%
5	10.651	1277	1286	1300	rBV	1488395	2531004	11.29%	3.197%
6	14.492	1931	1939	1949	rBV2	2175878	3224436	14.38%	4.073%
7	14.916	2003	2011	2025	rBV	540400	867843	3.87%	1.096%
8	16.651	2299	2306	2336	rBV	5275517	8877118	39.60%	11.213%
9	17.233	2399	2405	2411	rBV2	2621046	3894075	17.37%	4.919%
10	18.027	2535	2540	2543	rBV6	112057	230058	1.03%	0.291%
11	18.086	2544	2550	2553	rVV3	348768	775964	3.46%	0.980%
12	18.145	2553	2560	2580	rVB	12845324	22419726	100.00%	28.318%
13	19.286	2750	2754	2758	rBV2	789650	1300275	5.80%	1.642%
14	19.404	2770	2774	2790	rVB	1642477	2341177	10.44%	2.957%
15	21.321	3095	3100	3104	rBV	14371845	15406384	68.72%	19.459%
16	21.409	3110	3115	3119	rBV	3921886	4958569	22.12%	6.263%
17	23.709	3502	3506	3513	rVB2	2719940	5066040	22.60%	6.399%

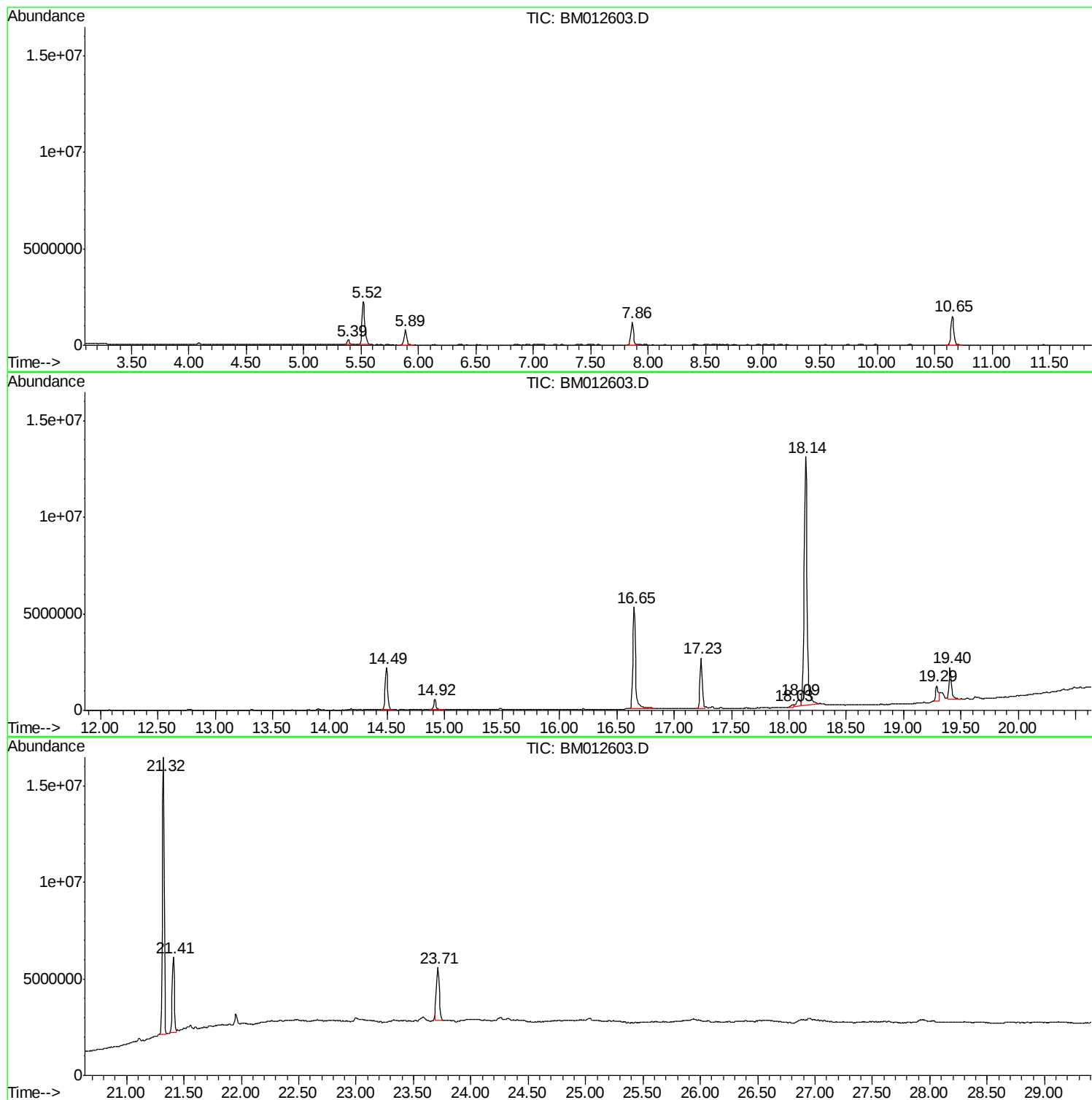
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B-13(1-3)_101117DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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



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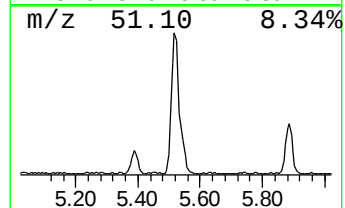
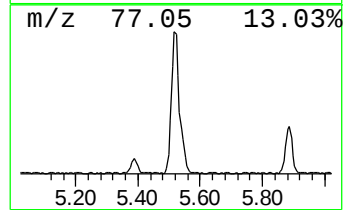
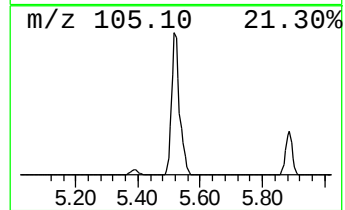
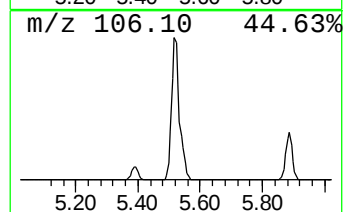
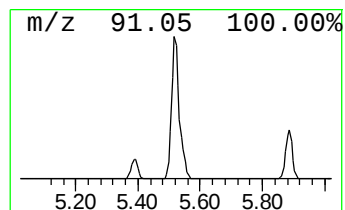
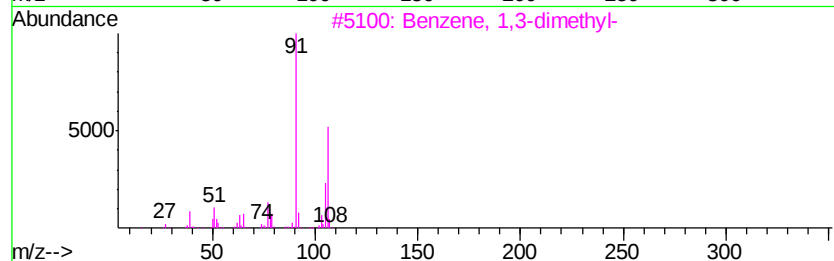
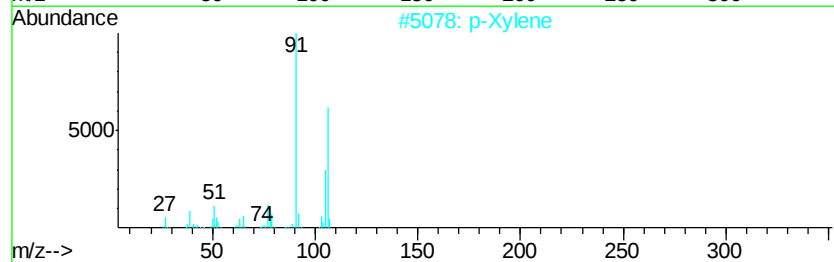
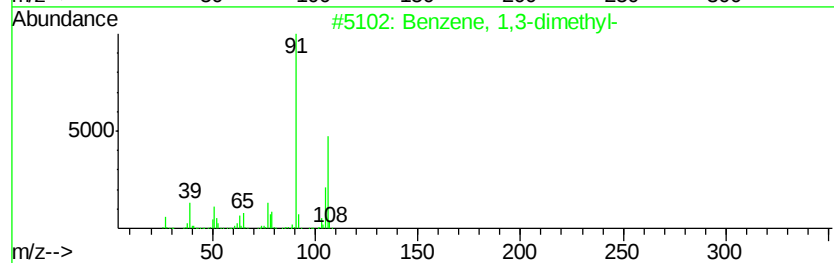
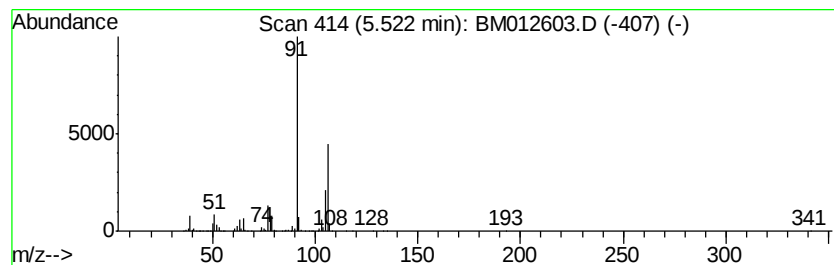
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TIC Integration Parameters: LSCINT.P

Peak Number 2 Benzene, 1,3-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.52	40.81 ng/ul	3862610	1,4-Dichlorobenzene-d4	7.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
2		p-Xylene	106	C8H10	000106-42-3	97
3		Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
4		o-Xylene	106	C8H10	000095-47-6	97
5		p-Xylene	106	C8H10	000106-42-3	95



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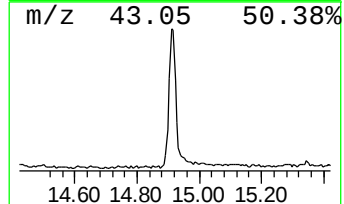
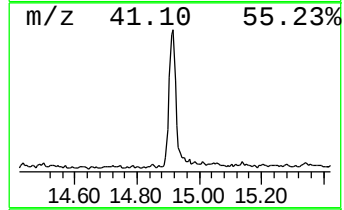
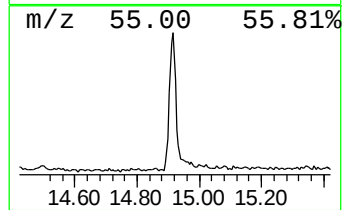
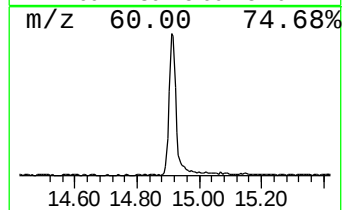
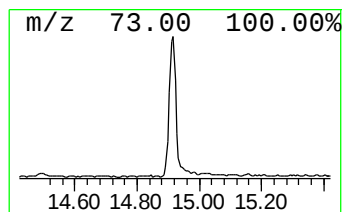
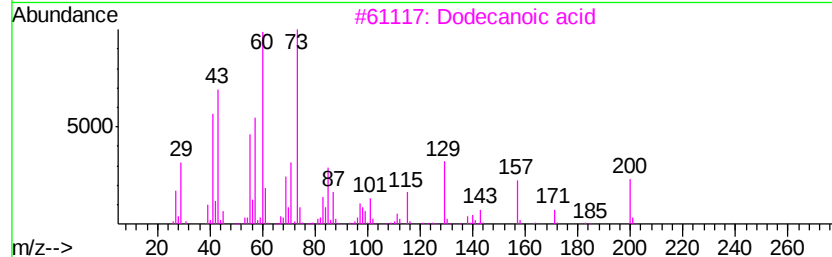
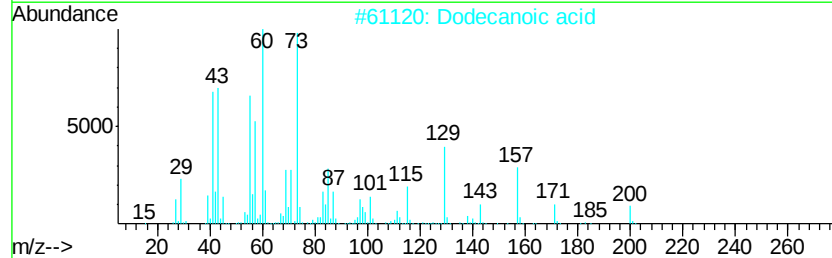
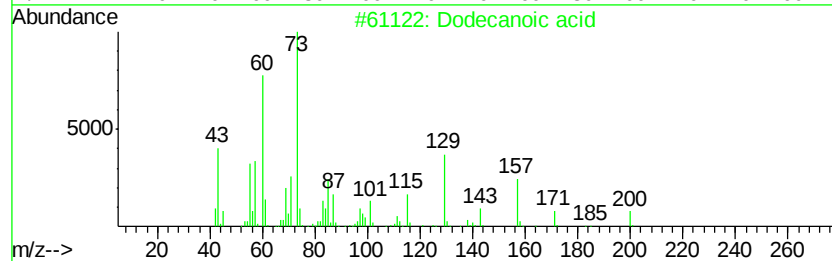
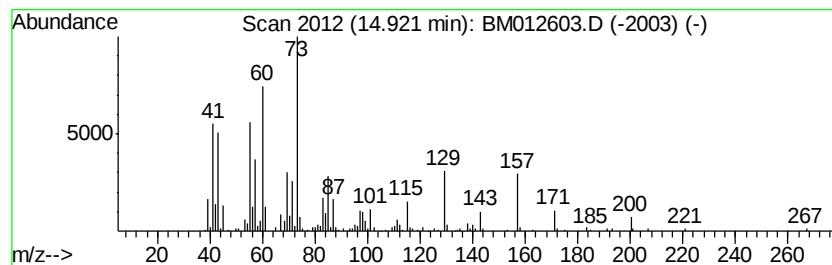
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Peak Number 4 Dodecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.92	5.38 ng/ul	867843	Acenaphthene-d10	14.49
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Dodecanoic acid	200 C12H24O2	000143-07-7	99
2	Dodecanoic acid	200 C12H24O2	000143-07-7	99
3	Dodecanoic acid	200 C12H24O2	000143-07-7	93
4	Dodecanoic acid	200 C12H24O2	000143-07-7	89
5	Tridecanoic acid	214 C13H26O2	000638-53-9	80



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Instrument :
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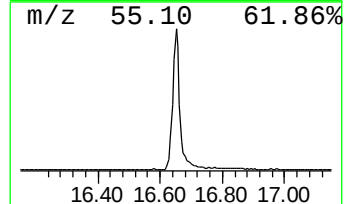
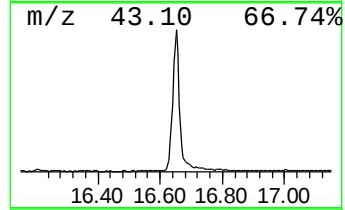
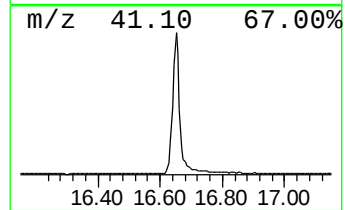
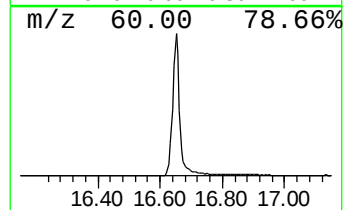
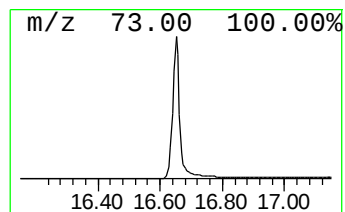
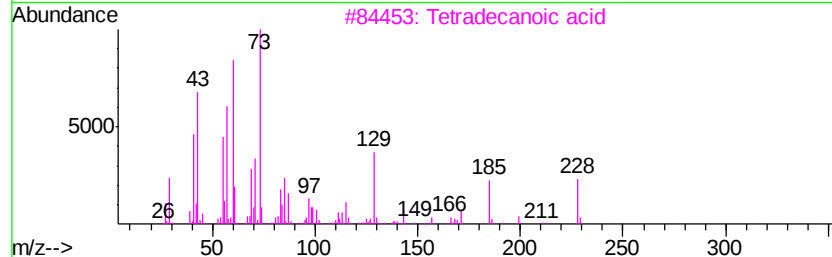
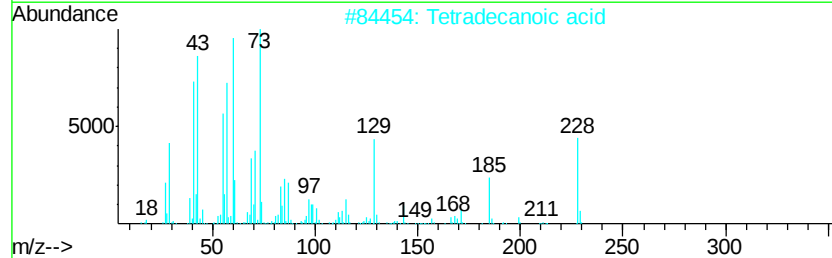
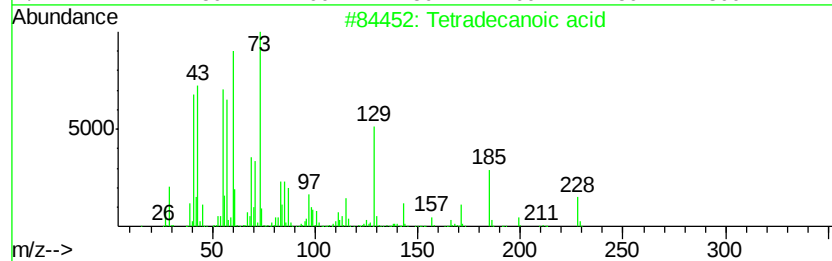
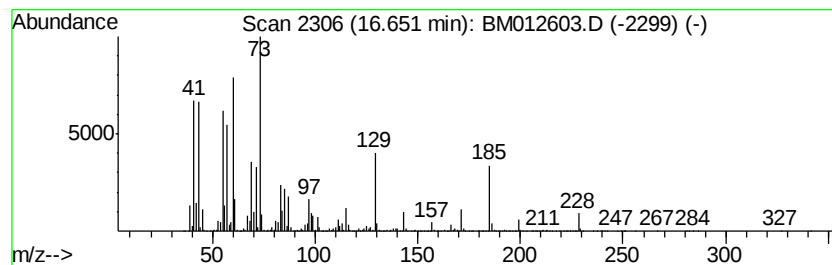
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Peak Number 5 Tetradecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.65	45.59 ng/ul	8877120	Phenanthrene-d10	17.23

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecanoic acid	228	C14H28O2	000544-63-8	96
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	94
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	87
4		Dodecanoic acid	200	C12H24O2	000143-07-7	74
5		Dodecanoic acid	200	C12H24O2	000143-07-7	72



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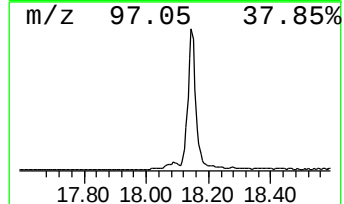
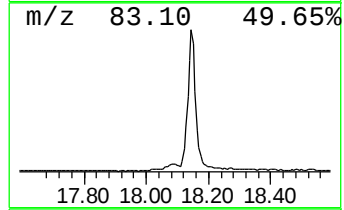
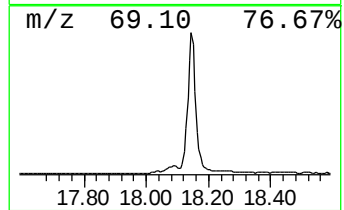
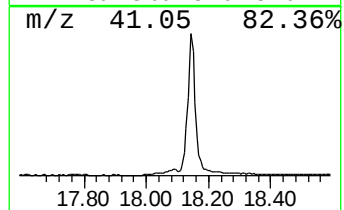
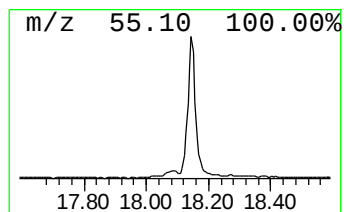
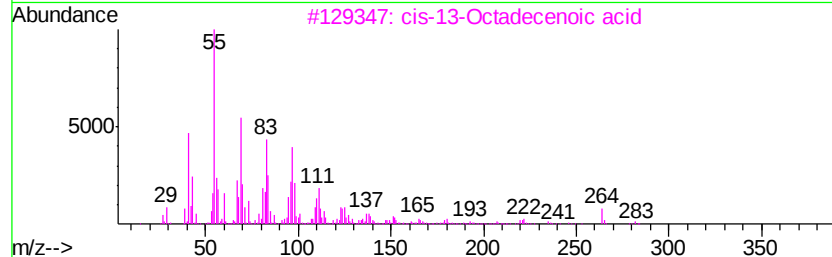
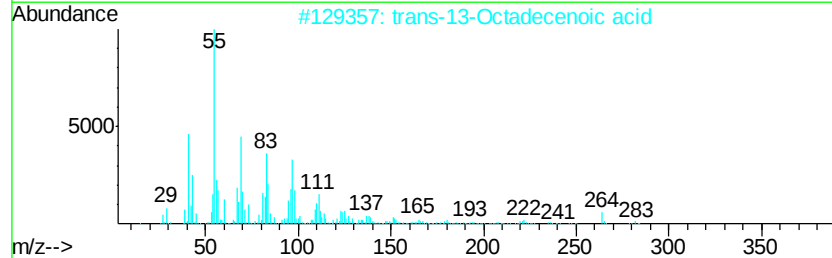
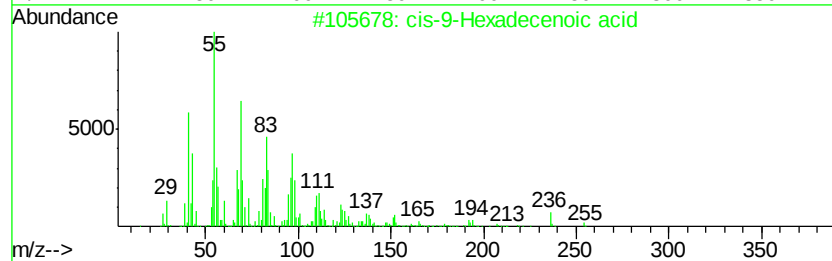
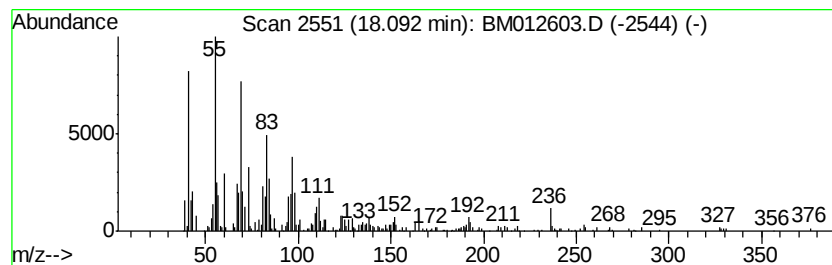
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Peak Number 6 cis-9-Hexadecenoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.09	3.99 ng/ul	775964	Phenanthrene-d10	17.23

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		cis-9-Hexadecenoic acid	254	C16H30O2	1000333-19-5	95
2		trans-13-Octadecenoic acid	282	C18H34O2	000693-71-0	87
3		cis-13-Octadecenoic acid	282	C18H34O2	013126-39-1	86
4		Palmitoleic acid	254	C16H30O2	000373-49-9	84
5		Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	84



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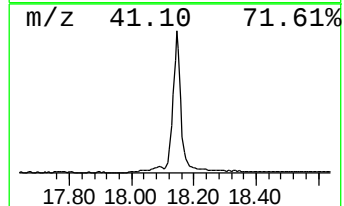
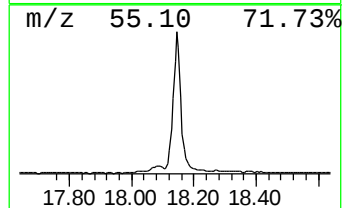
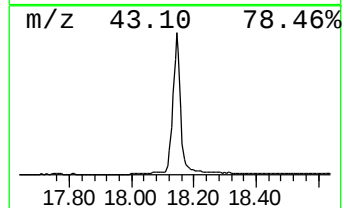
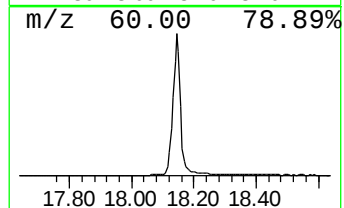
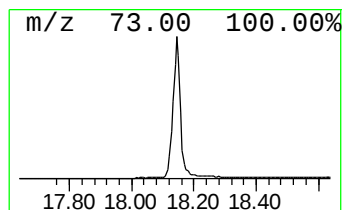
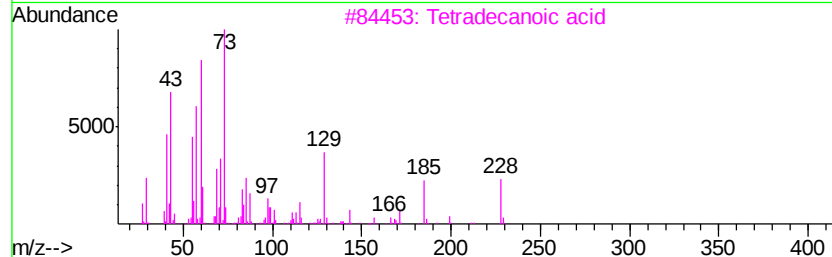
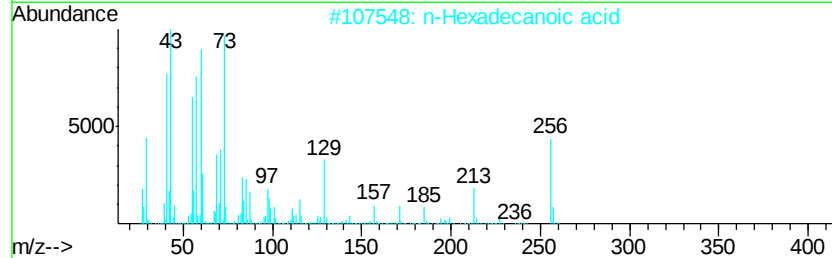
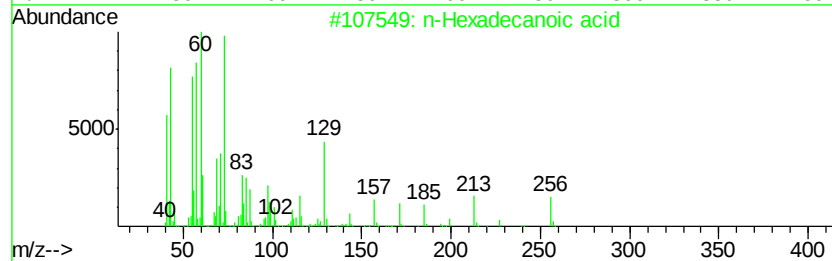
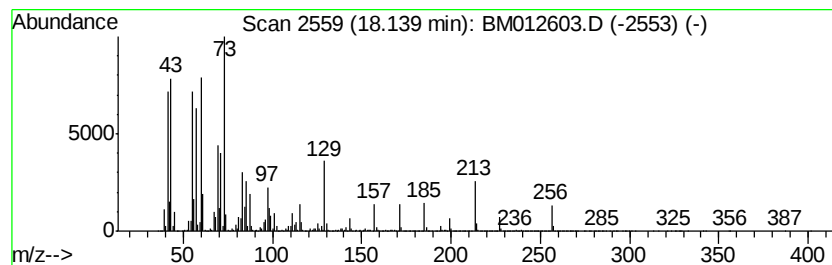
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Peak Number 7 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.14	115.15 ng/ul	22419700	Phenanthrene-d10	17.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	95
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	90
5		Tridecanoic acid	214	C13H26O2	000638-53-9	90



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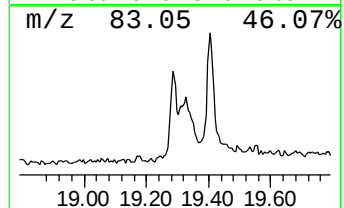
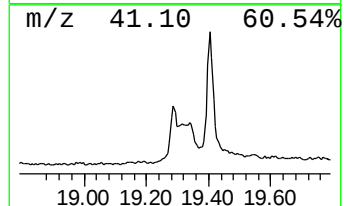
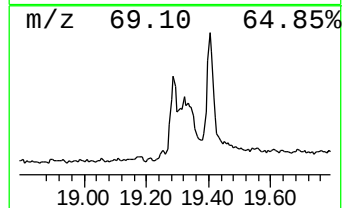
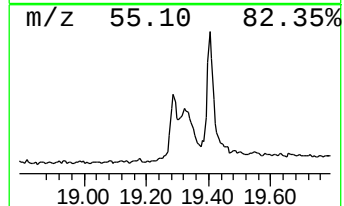
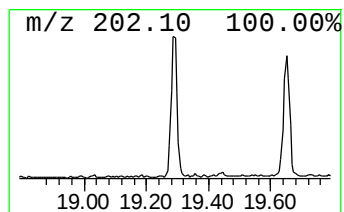
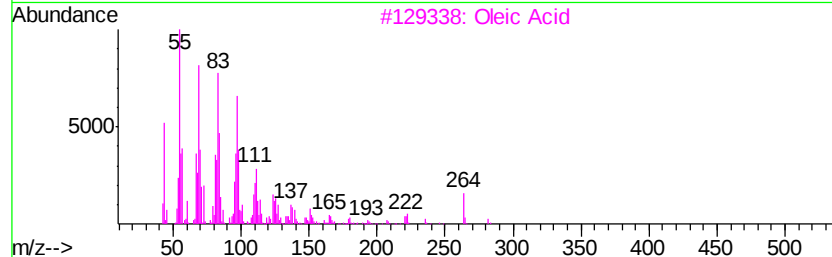
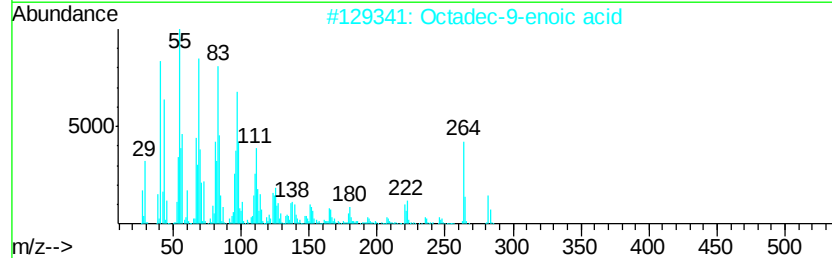
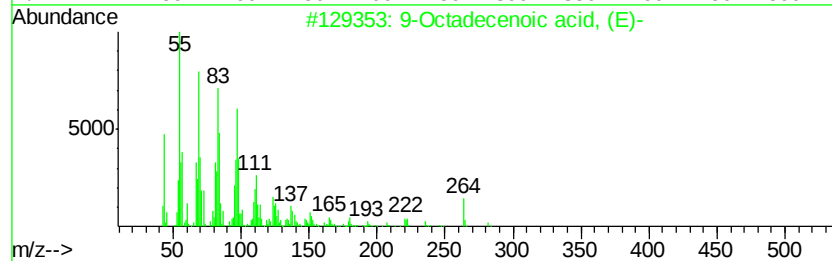
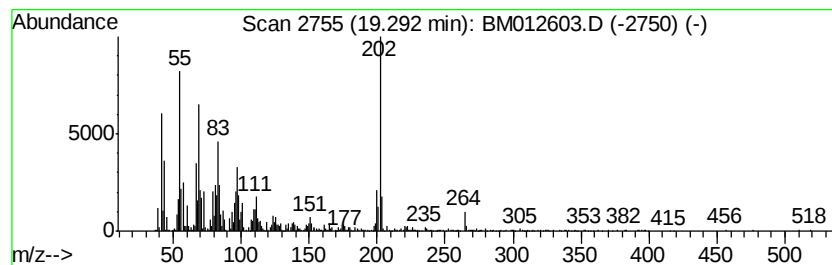
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Peak Number 8 9-Octadecenoic acid, (E)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.29	6.68 ng/ul	1300280	Phenanthrene-d10	17.23

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	96	
2	Octadec-9-enoic acid	282	C18H34O2	1000190-13-7	95	
3	Oleic Acid	282	C18H34O2	000112-80-1	94	
4	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	70	
5	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	58	



Data Path : Z:\HPCHEM1\BNA_M\Data\BM103017\
Data File : BM012603.D
Acq On : 31 Oct 2017 11:21
Operator : SJ/JU
Sample : I5873-03DL 30X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-13(1-3)_101117DL

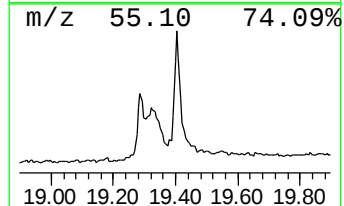
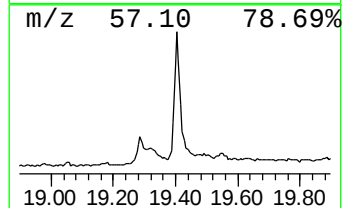
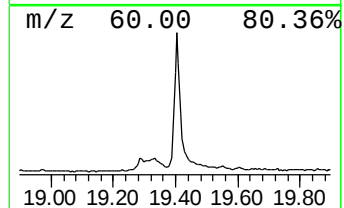
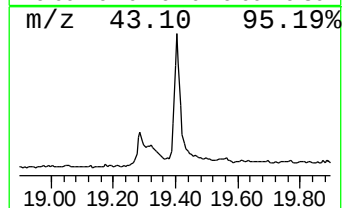
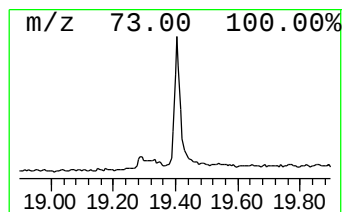
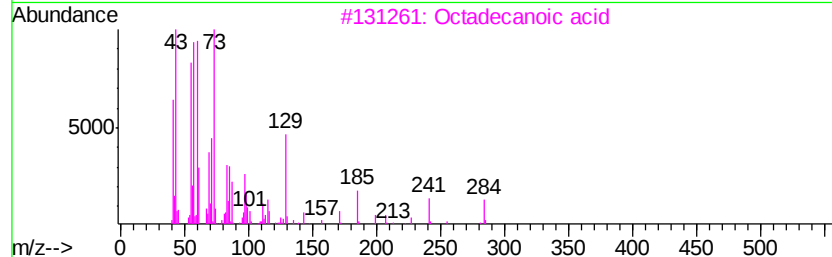
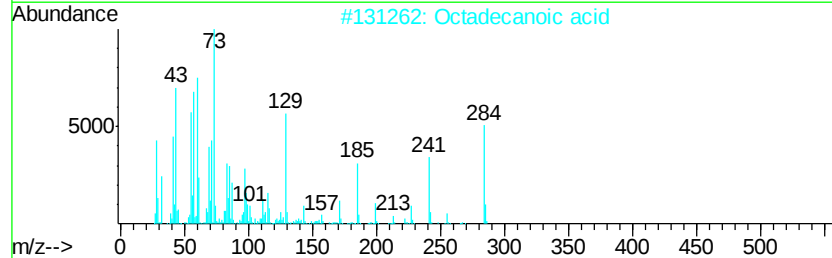
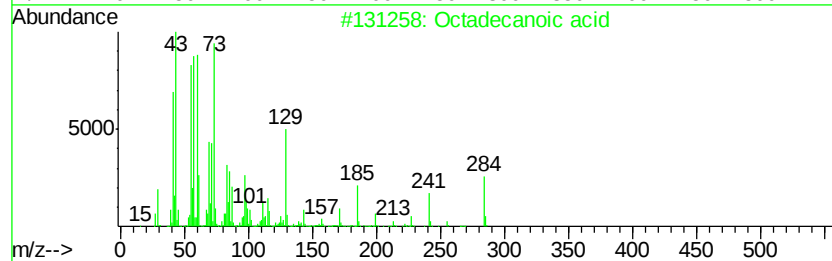
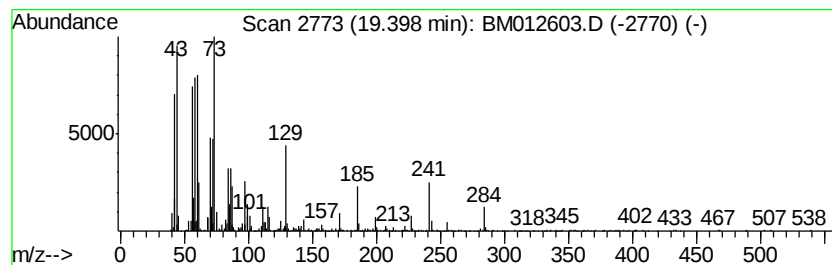
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.40	9.44 ng/ul	2341180	Chrysene-d12	21.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Octadecanoic acid	284	C18H36O2	000057-11-4	99
3		Octadecanoic acid	284	C18H36O2	000057-11-4	99
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	90
5		Octadecanoic acid	284	C18H36O2	000057-11-4	86



Data Path : Z:\HPCHEM1\BNA_M\Data\BM103017\
Data File : BM012603.D
Acq On : 31 Oct 2017 11:21
Operator : SJ/JU
Sample : I5873-03DL 30X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-13(1-3)_101117DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.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
Benzene, 1,3-dime...	5.52	40.8	ng/ul	3862610	1	7.86	1892900	20.0
Dodecanoic acid	14.92	5.4	ng/ul	867843	3	14.49	3224440	20.0
Tetradecanoic acid	16.65	45.6	ng/ul	8877120	4	17.23	3894080	20.0
cis-9-Hexadeceno...	18.09	4.0	ng/ul	775964	4	17.23	3894080	20.0
n-Hexadecanoic acid	18.14	115.2	ng/ul	22419700	4	17.23	3894080	20.0
9-Octadecenoic ac...	19.29	6.7	ng/ul	1300280	4	17.23	3894080	20.0
Octadecanoic acid	19.40	9.4	ng/ul	2341180	5	21.41	4958570	20.0