

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM101417\
 Data File : BM012193.D
 Acq On : 15 Oct 2017 04:56
 Operator : SJ/JU
 Sample : I5548-20 5X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AD1

Manual Integrations
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Sohil
 10/16/2017 7:48:32 PM

Quant Time: Oct 15 07:21:59 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Oct 15 06:19:21 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	182227	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	803049	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.46	164	517674	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.21	188	1230901	20.00	ng/ul	0.00
75) Chrysene-d12	21.39	240	1164599	20.00	ng/ul	0.00
83) Perylene-d12	23.70	264	946666	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	2566	0.67	ng/uL	0.00
5) Phenol-d5	6.99	99	40713	2.75	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	28633	3.23	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	42018	3.35	ng/ul	0.00
13) 4-Methylphenol-d8	8.54	113	23210	1.82	ng/ul	0.02
19) Nitrobenzene-d5	8.99	128	19939	3.25	ng/ul	0.00
22) 2-Nitrophenol-d4	9.71	143	23887	3.34	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.26	165	41685	3.05	ng/ul	0.02
29) 4-Chloroaniline-d4	10.79	131	20367m	1.59	ng/ul	0.03
43) Dimethylphthalate-d6	13.87	166	173652	3.80	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	202631	3.66	ng/ul	0.00
51) 4-Nitrophenol-d4	14.73	143	7558m	1.10	ng/ul	0.05
57) Fluorene-d10	15.46	176	151499	4.03	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.62	200	4090	0.48	ng/ul	0.02
70) Anthracene-d10	17.31	188	237209	3.90	ng/ul	0.00
76) Pyrene-d10	19.60	212	274516	4.64	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.55	264	180516	3.96	ng/ul	0.00

Target Compounds

					Ovalue
44) Dimethylphthalate	13.92	163	73334	1.600	ng/ul 100
69) Phenanthrene	17.25	178	209291	2.989	ng/ul 99
74) Fluoranthene	19.27	202	767268	9.080	ng/ul# 95
77) Pyrene	19.63	202	746380	9.704	ng/ul# 96
80) Benzo(a)anthracene	21.37	228	381433	5.033	ng/ul 98
82) Chrysene	21.43	228	321862	4.524	ng/ul 96
85) Benzo(b)fluoranthene	23.00	252	366020	5.925	ng/ul# 97
86) Benzo(k)fluoranthene	23.04	252	152455m	2.561	ng/ul
88) Benzo(a)pyrene	23.60	252	261381	4.489	ng/ul# 94
89) Indeno(1,2,3-cd)pyrene	26.06	276	160297	2.592	ng/ul# 94
91) Benzo(g,h,i)perylene	26.79	276	133989	2.646	ng/ul# 89

(#) = qualifier out of range (m) = manual integration (+) = signals summed

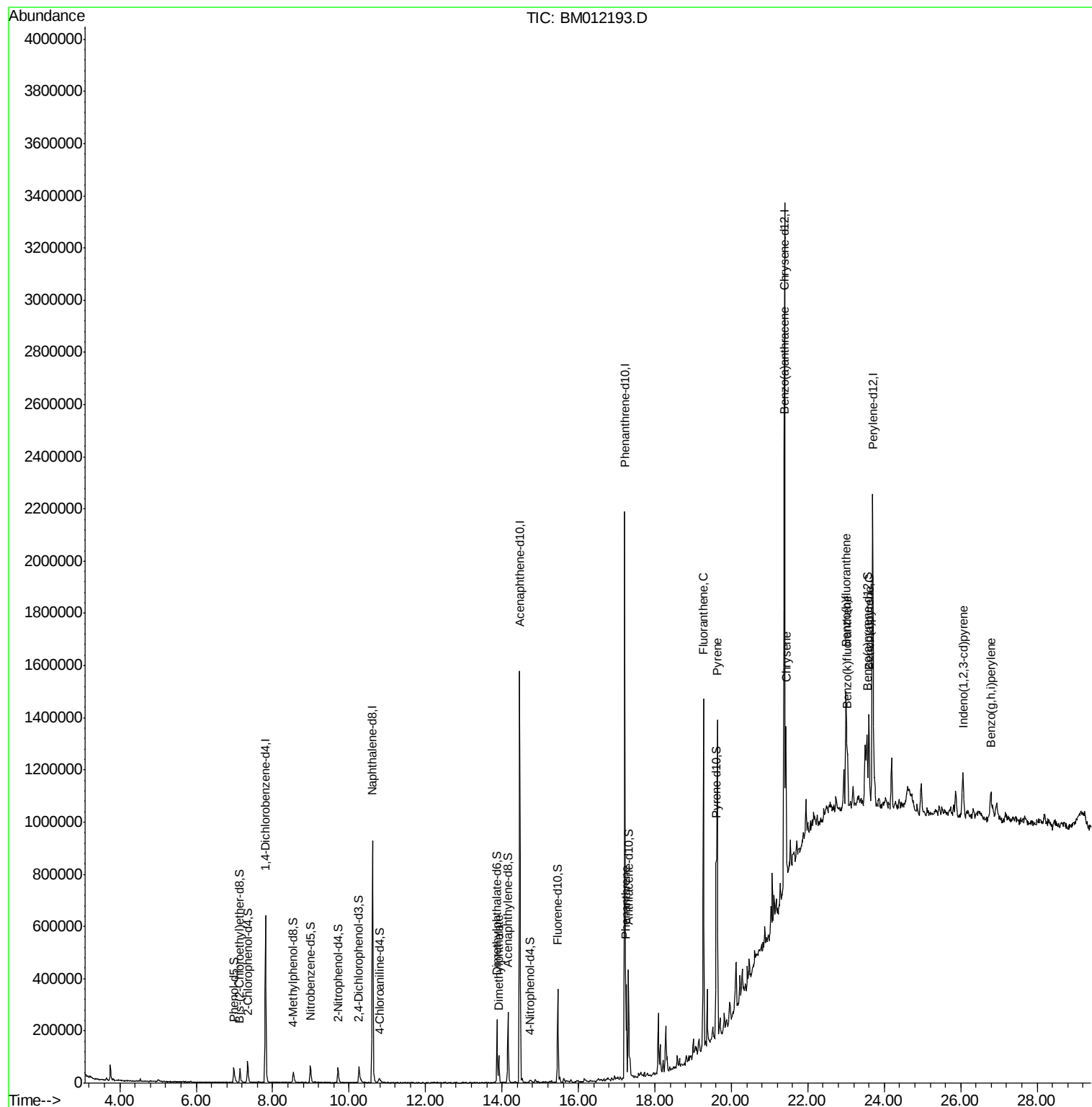
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM101417\
Data File : BM012193.D
Acq On : 15 Oct 2017 04:56
Operator : SJ/JU
Sample : I5548-20 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

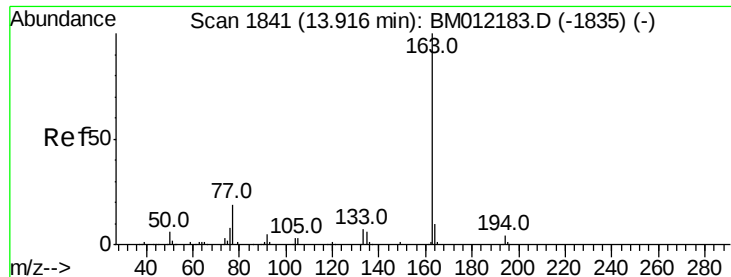
Instrument :
BNA_M
ClientSampleId :
C0AD1

Manual Integrations
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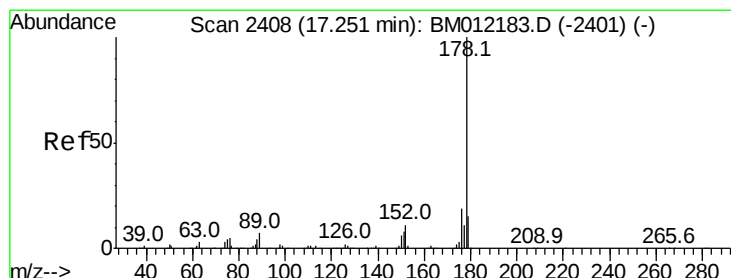
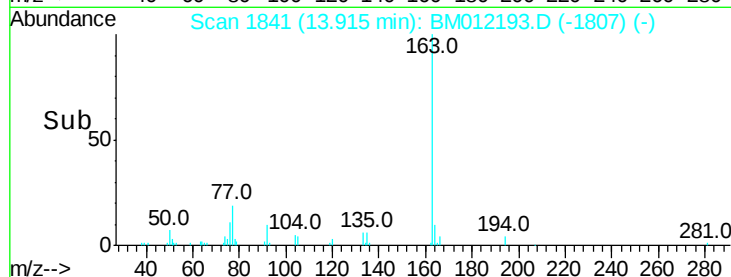
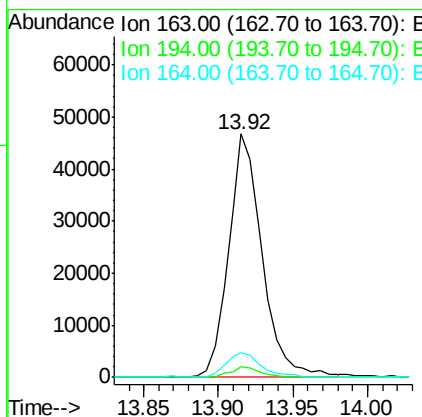
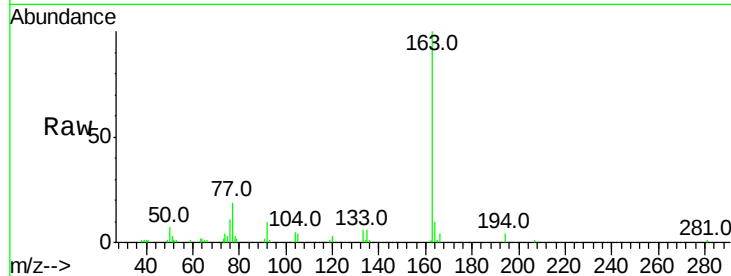
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Dimethylphthalate
Concen: 1.600 ng/ul
RT: 13.92 min Scan# 1841
Delta R.T. -0.00 min
Lab File: BM012193.D
Acq: 15 Oct 2017 04:56

Instrument :
BNA_M
ClientSampleId :
C0AD1

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.5	5.3
164	10.2	8.2	12.4

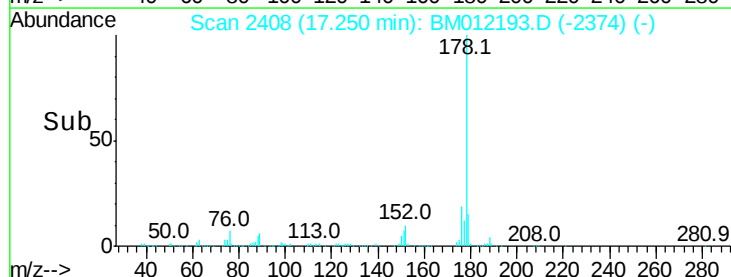
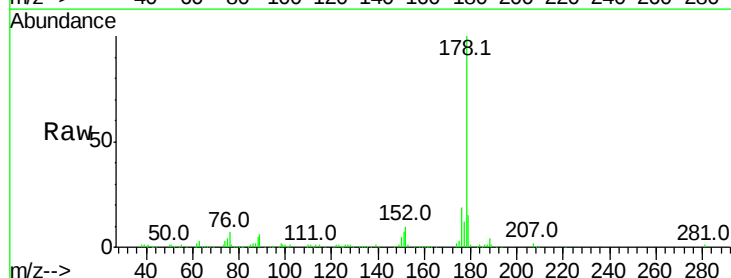
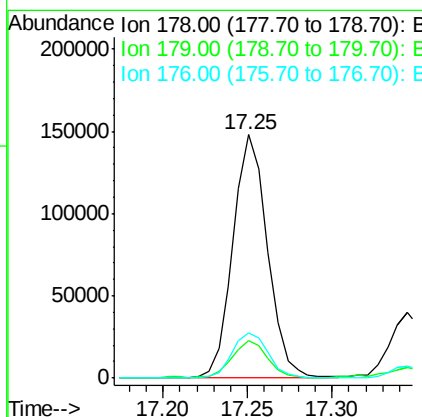
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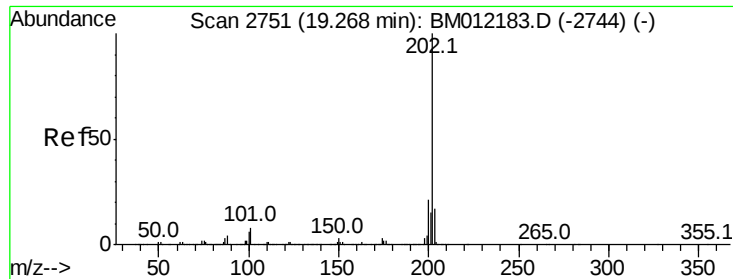
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#69
Phenanthrene
Concen: 2.989 ng/ul
RT: 17.25 min Scan# 2408
Delta R.T. -0.00 min
Lab File: BM012193.D
Acq: 15 Oct 2017 04:56

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.6	19.0
176	18.8	14.9	22.3





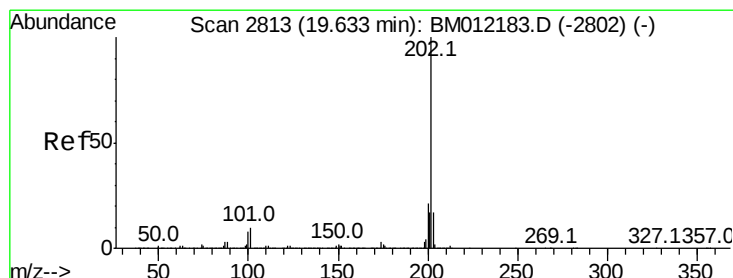
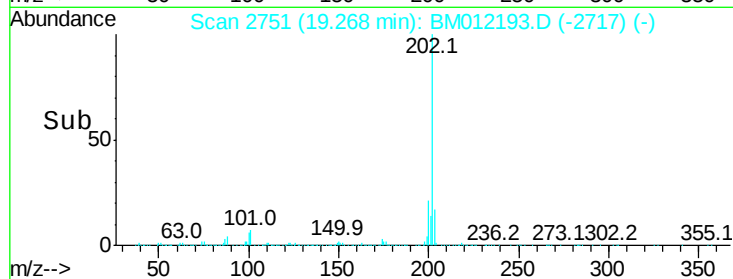
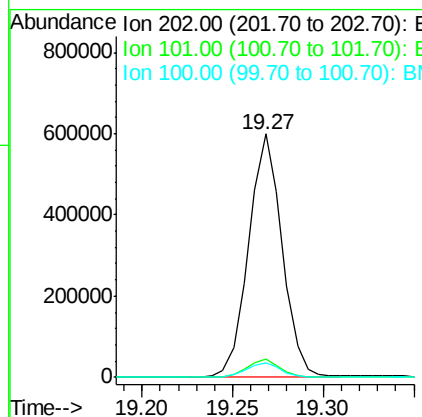
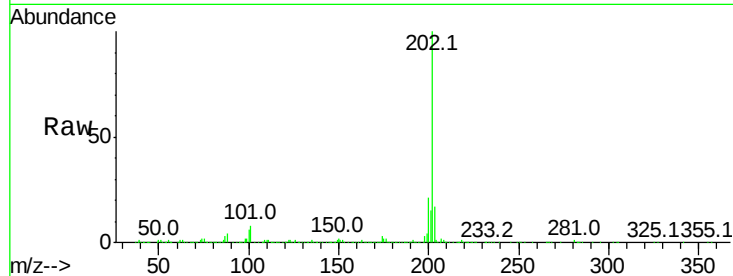
#74
 Fluoranthene
 Concen: 9.080 ng/ul
 RT: 19.27 min Scan# 2751
 Delta R.T. -0.00 min
 Lab File: BM012193.D
 Acq: 15 Oct 2017 04:56

Instrument :
 BNA_M
 ClientSampleId :
 C0AD1

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	7.5	4.6	7.0#
100	6.0	3.4	5.2#

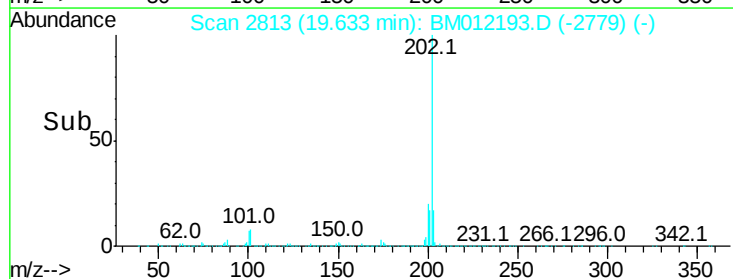
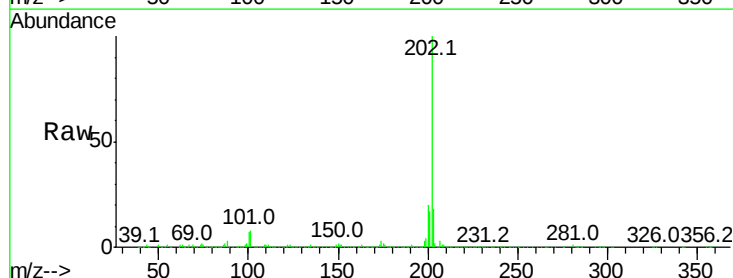
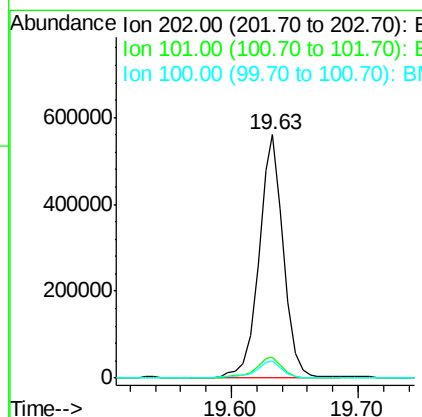
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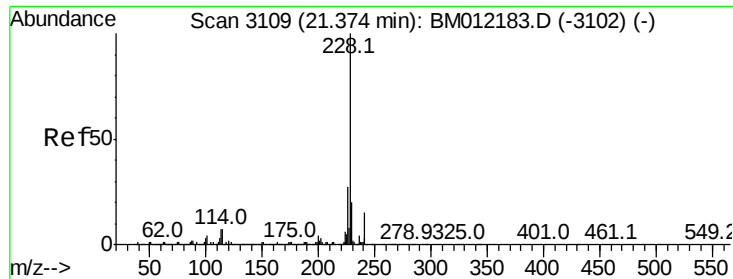
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#77
 Pyrene
 Concen: 9.704 ng/ul
 RT: 19.63 min Scan# 2813
 Delta R.T. -0.00 min
 Lab File: BM012193.D
 Acq: 15 Oct 2017 04:56

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	8.4	5.1	7.7#
100	7.0	4.9	7.3





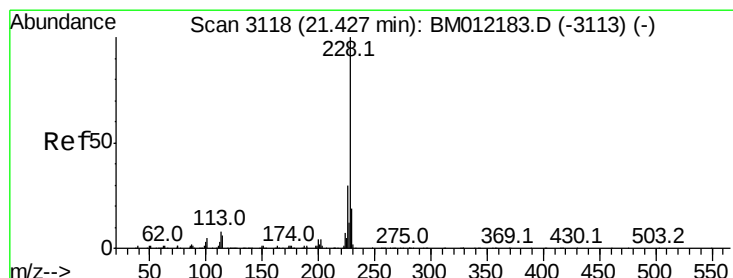
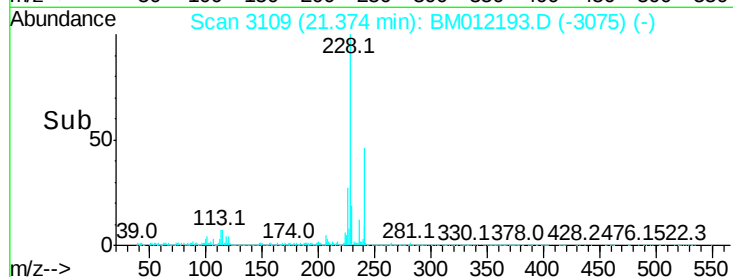
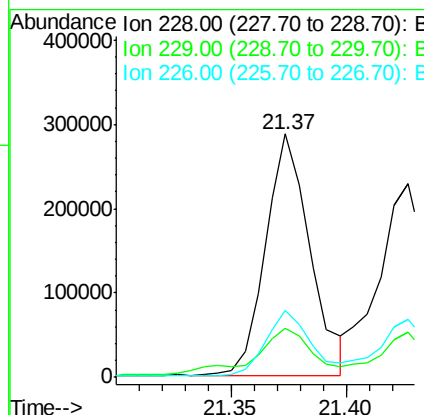
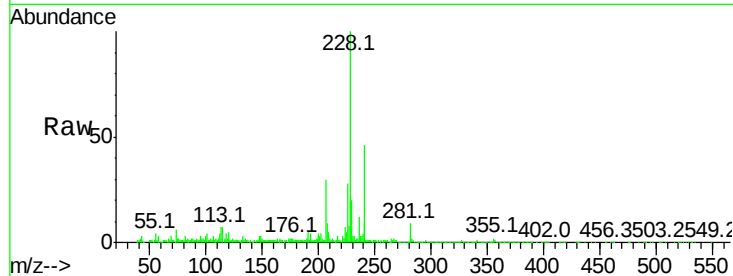
#80
Benzo(a)anthracene
Concen: 5.033 ng/ul
RT: 21.37 min Scan# 3109
Delta R.T. -0.00 min
Lab File: BM012193.D
Acq: 15 Oct 2017 04:56

Instrument :
BNA_M
ClientSampleId :
C0AD1

Tot Ion	Ratio	Resp Lower	Upper
228	100		
229	20.4	15.4	23.0
226	27.6	21.4	32.0

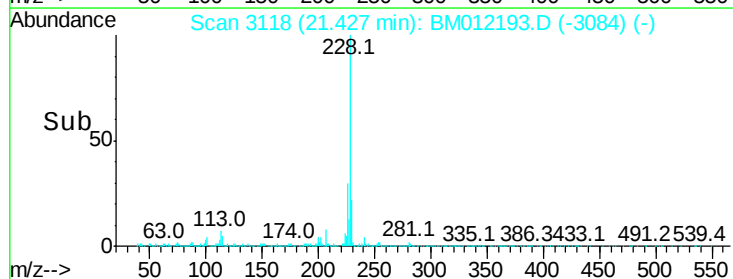
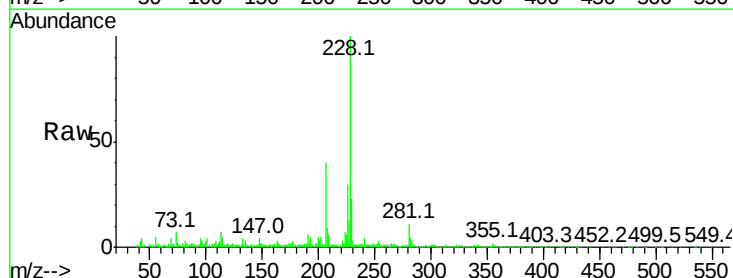
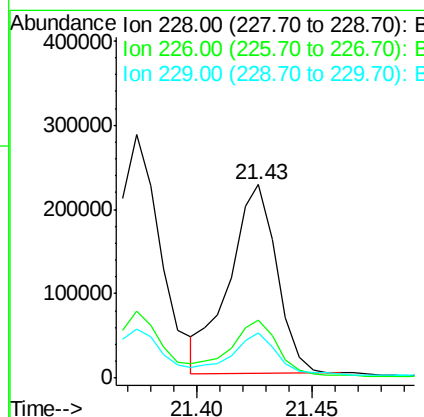
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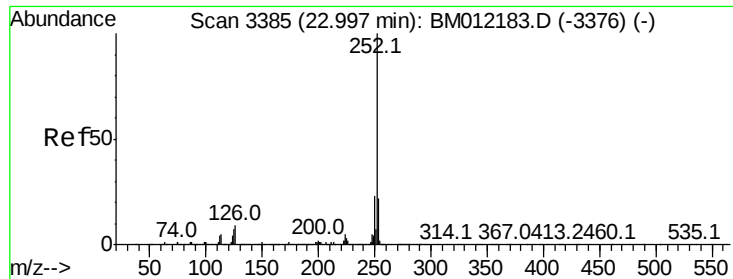
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#82
Chrysene
Concen: 4.524 ng/ul
RT: 21.43 min Scan# 3118
Delta R.T. -0.00 min
Lab File: BM012193.D
Acq: 15 Oct 2017 04:56

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.2	23.4	35.2
229	23.0	15.5	23.3





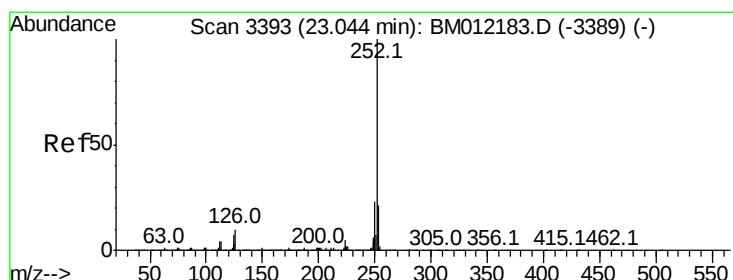
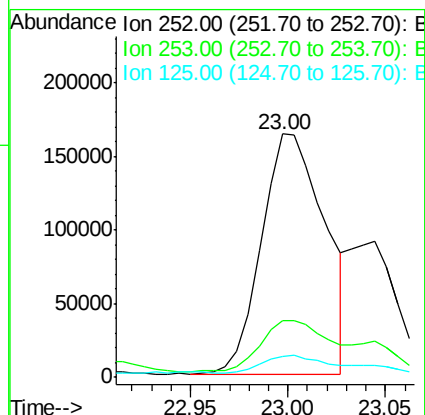
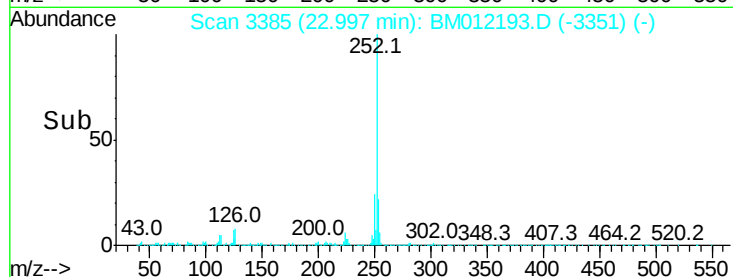
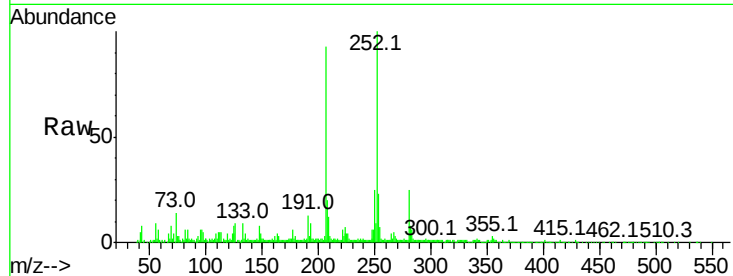
#85
Benzo(b)fluoranthene
Concen: 5.925 ng/u1
RT: 23.00 min Scan# 3385
Delta R.T. -0.00 min
Lab File: BM012193.D
Acq: 15 Oct 2017 04:56

Instrument :
BNA_M
ClientSampled :
C0AD1

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.9	26.9
125	8.4	3.6	5.4

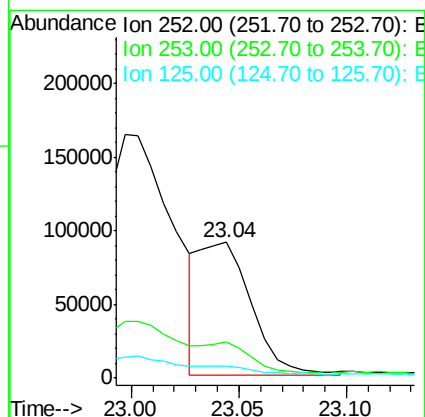
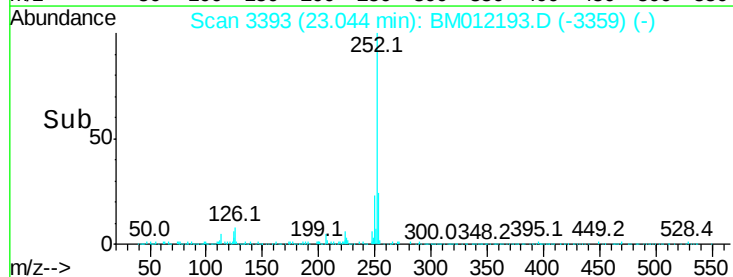
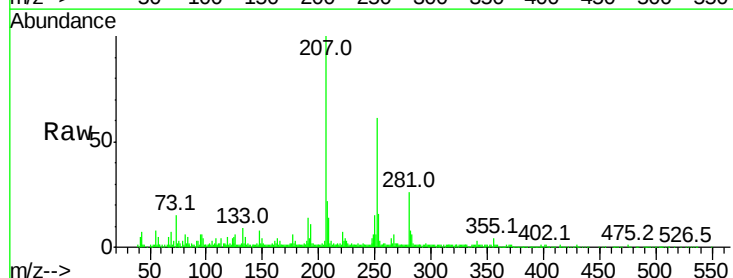
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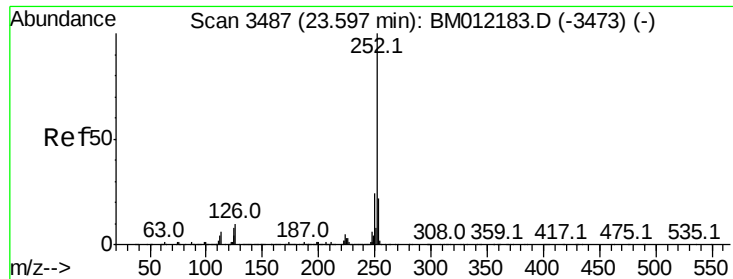
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#86
Benzo(k)fluoranthene
Concen: 2.561 ng/u1 m
RT: 23.04 min Scan# 3393
Delta R.T. -0.00 min
Lab File: BM012193.D
Acq: 15 Oct 2017 04:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.8	17.1	25.7
125	8.7	3.4	5.2





#88

Benzo(a)pyrene

Concen: 4.489 ng/ul

RT: 23.60 min Scan# 3487

Delta R.T. -0.00 min

Lab File: BM012193.D

Acq: 15 Oct 2017 04:56

Instrument :

BNA_M

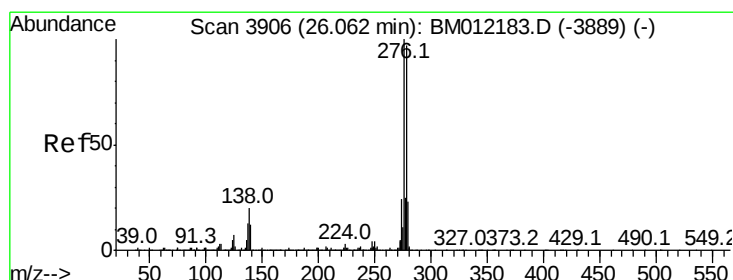
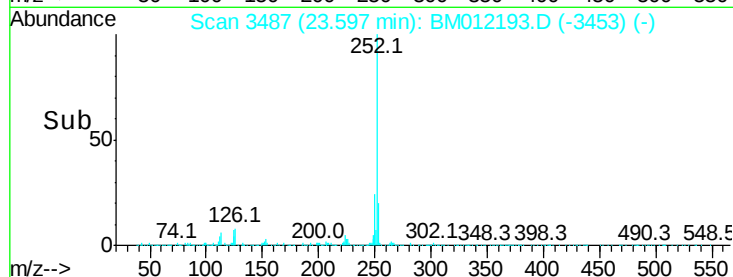
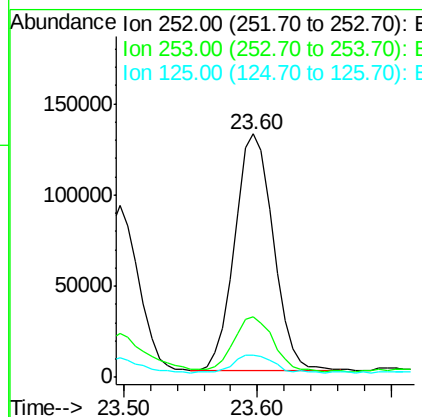
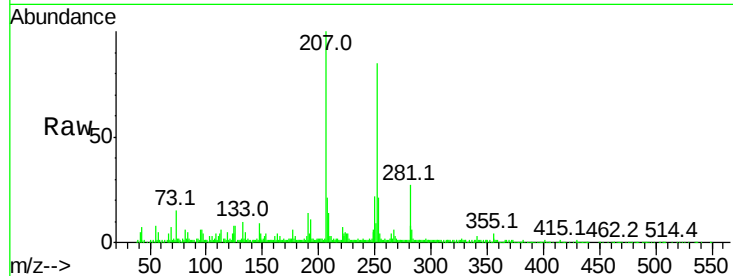
ClientSampleId :

C0AD1

Tot Ion:	252	Resp:	261381
Ion Ratio	Lower	Upper	
252	100		
253	24.7	18.2	27.2
125	9.3	4.0	6.0#

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#89

Indeno(1,2,3-cd)pyrene

Concen: 2.592 ng/ul

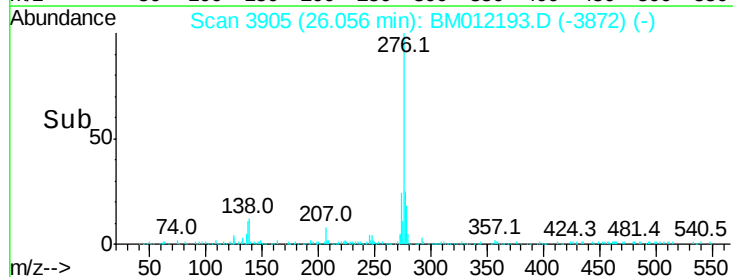
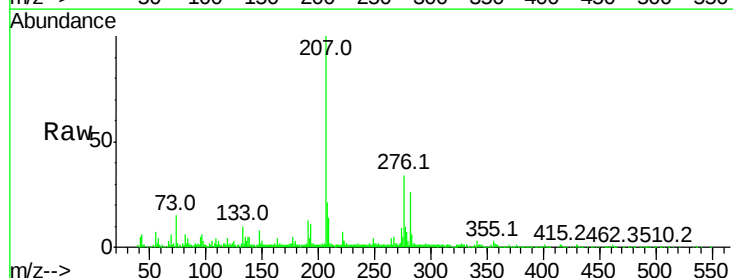
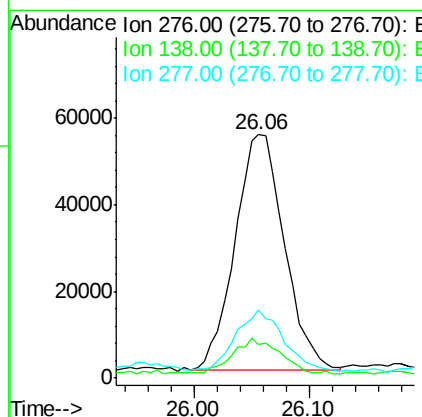
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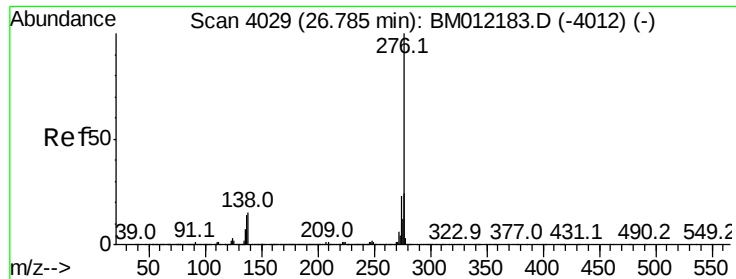
Delta R.T. -0.01 min

Lab File: BM012193.D

Acq: 15 Oct 2017 04:56

Tgt Ion:	276	Resp:	160297
Ion Ratio	Lower	Upper	
276	100		
138	13.9	9.3	13.9#
277	27.9	19.9	29.9





#91

Benzo(a,h,i)perylene

Concen: 2.646 ng/ul

RT: 26.79 min Scan# 4030

Delta R.T. 0.01 min

Lab File: BM012193.D

Acq: 15 Oct 2017 04:56

Instrument :

BNA_M

ClientSampleId :

C0AD1

Tot Ion:	276	Resp:	133989
Ion Ratio	Lower	Upper	
276	100		
138	16.6	8.5	12.7#
277	27.8	18.6	28.0

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