

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM101417\
 Data File : BM012190.D
 Acq On : 15 Oct 2017 03:07
 Operator : SJ/JU
 Sample : I5548-05 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AB6

Manual Integrations
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Sohil
 10/16/2017 7:48:25 PM

Quant Time: Oct 15 07:04:46 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	146877	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	646293	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.46	164	425837	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.21	188	1099413	20.00	ng/ul	0.00
75) Chrysene-d12	21.39	240	1154259	20.00	ng/ul	0.00
83) Perylene-d12	23.70	264	986648	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	1799	0.58	ng/uL	0.00
5) Phenol-d5	6.99	99	42261	3.55	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	25418m	3.56	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	42047	4.16	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	36690	3.58	ng/ul	0.01
19) Nitrobenzene-d5	8.99	128	18759	3.80	ng/ul	0.00
22) 2-Nitrophenol-d4	9.71	143	20729	3.60	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.25	165	44493	4.04	ng/ul	0.01
29) 4-Chloroaniline-d4	10.78	131	30204m	2.93	ng/ul	0.02
43) Dimethylphthalate-d6	13.87	166	179956	4.78	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	212407	4.66	ng/ul	0.00
51) 4-Nitrophenol-d4	14.73	143	12739m	2.25	ng/ul	0.05
57) Fluorene-d10	15.46	176	161376	5.22	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.60	200	8671	1.15	ng/ul	0.00
70) Anthracene-d10	17.31	188	273439	5.03	ng/ul	0.00
76) Pyrene-d10	19.60	212	325138	5.55	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.55	264	236212	4.97	ng/ul	0.00

Target Compounds

					Ovalue	
44) Dimethylphthalate	13.92	163	67658	1.794	ng/ul	99
69) Phenanthrene	17.25	178	245247	3.921	ng/ul	99
74) Fluoranthene	19.27	202	398262	5.277	ng/ul#	95
77) Pyrene	19.63	202	354227	4.647	ng/ul#	96
80) Benzo(a)anthracene	21.37	228	187076	2.491	ng/ul	96
82) Chrysene	21.43	228	175405	2.487	ng/ul	96
85) Benzo(b)fluoranthene	23.00	252	218192	3.389	ng/ul#	94
86) Benzo(k)fluoranthene	23.04	252	70397m	1.135	ng/ul	
88) Benzo(a)pyrene	23.60	252	135552	2.234	ng/ul#	94
89) Indeno(1,2,3-cd)pyrene	26.06	276	91461	1.419	ng/ul#	91
91) Benzo(g,h,i)perylene	26.79	276	91788	1.739	ng/ul#	93

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

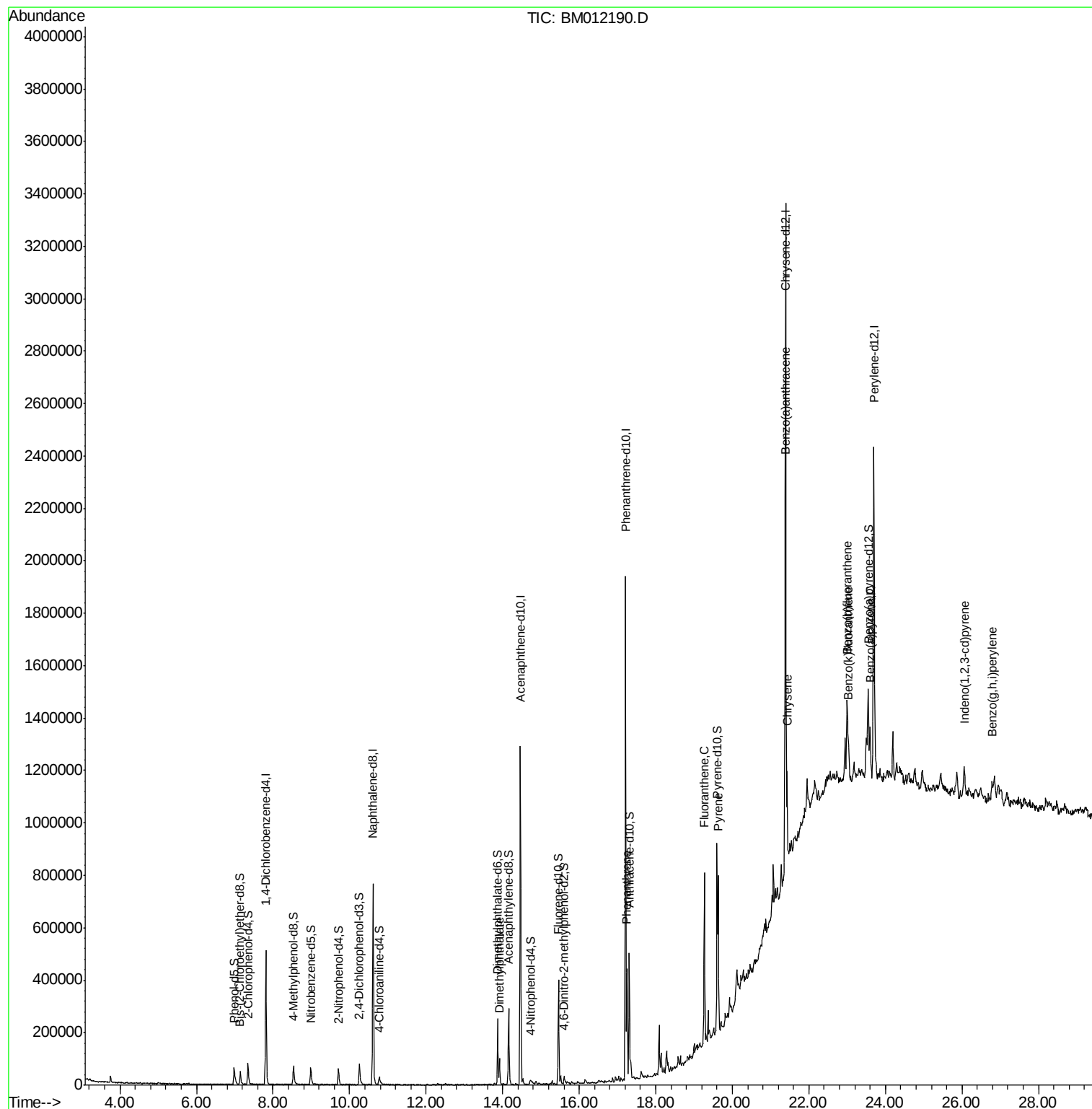
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM101417\
Data File : BM012190.D
Acq On : 15 Oct 2017 03:07
Operator : SJ/JU
Sample : I5548-05 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

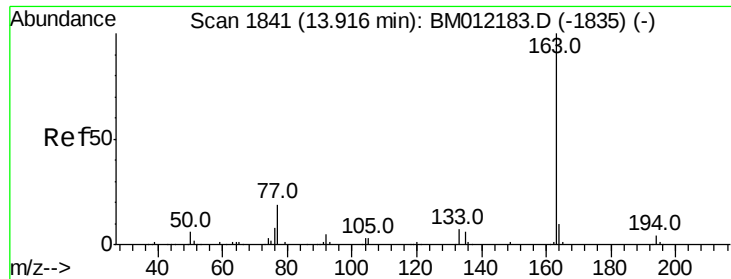
Instrument :
BNA_M
ClientSampleId :
C0AB6

Manual Integrations
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Quant Title : SVOA CALIBRATION
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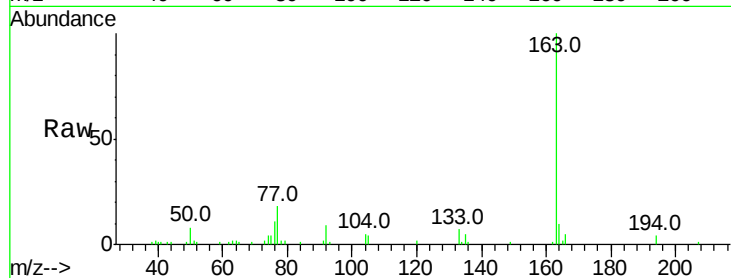
#44
Dimethylphthalate
Concen: 1.794 ng/ul
RT: 13.92 min Scan# 1841
Delta R.T. -0.00 min
Lab File: BM012190.D
Acq: 15 Oct 2017 03:07

Instrument :
BNA_M
ClientSampleId :
C0AB6

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.5	5.3
164	10.0	8.2	12.4

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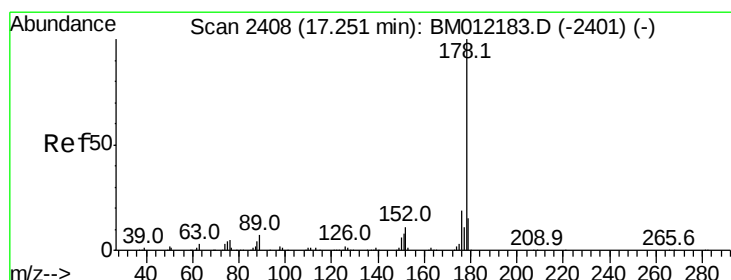
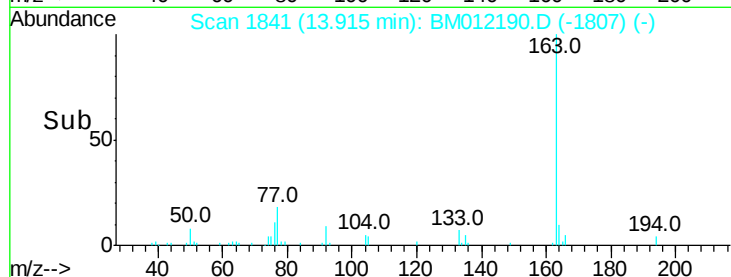
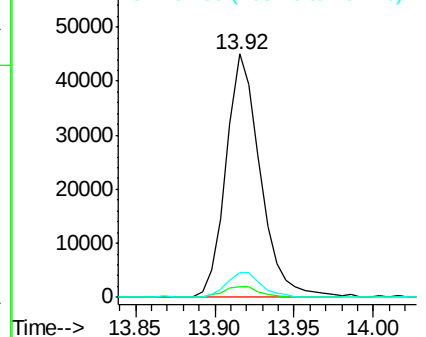


Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#69
Phenanthrene
Concen: 3.921 ng/ul
RT: 17.25 min Scan# 2408
Delta R.T. -0.00 min
Lab File: BM012190.D
Acq: 15 Oct 2017 03:07

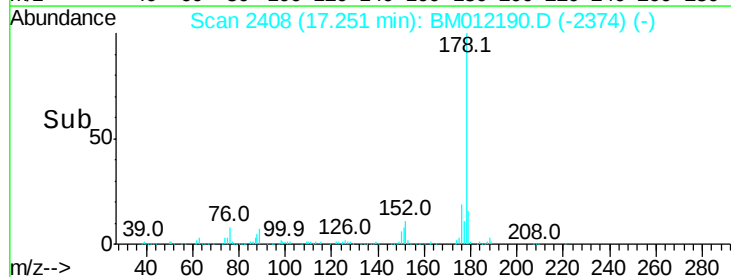
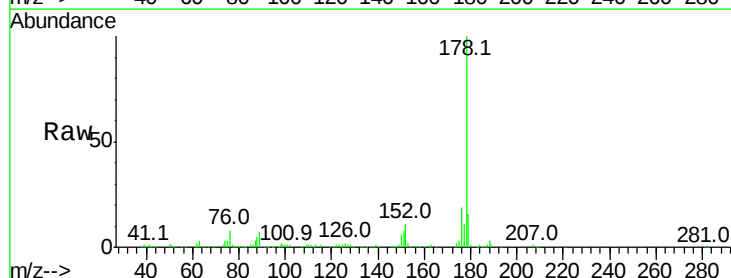
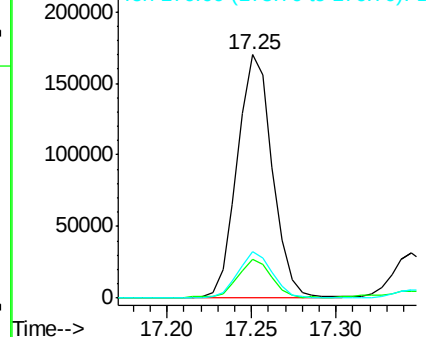
Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.6	19.0
176	18.9	14.9	22.3

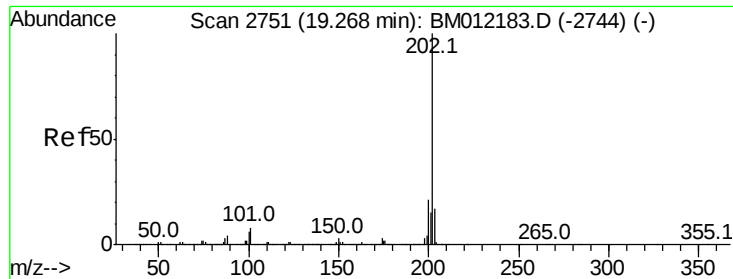
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





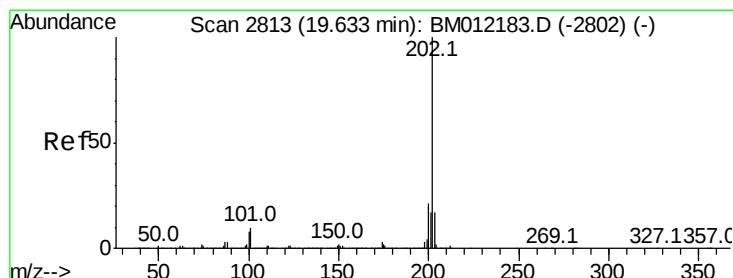
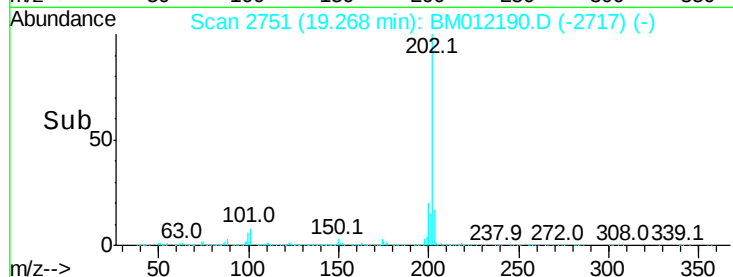
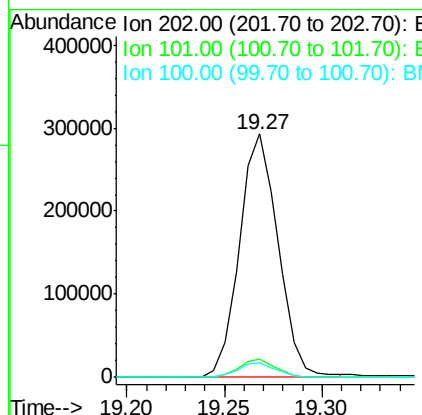
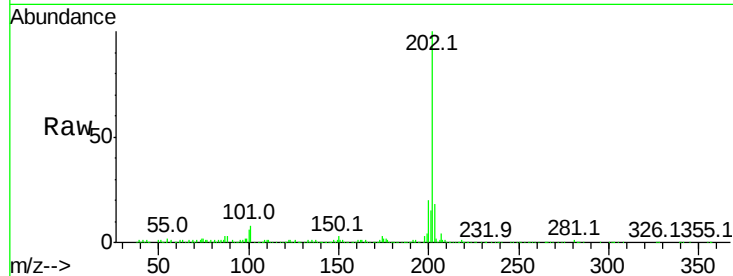
#74
Fluoranthene
Concen: 5.277 ng/ul
RT: 19.27 min Scan# 2751
Delta R.T. -0.00 min
Lab File: BM012190.D
Acq: 15 Oct 2017 03:07

Instrument :
BNA_M
ClientSampleId :
C0AB6

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	7.6	4.6	7.0#
100	5.8	3.4	5.2#

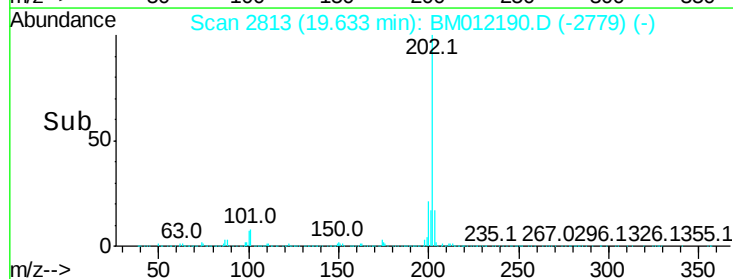
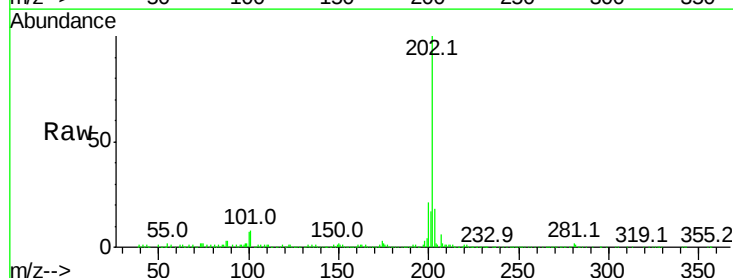
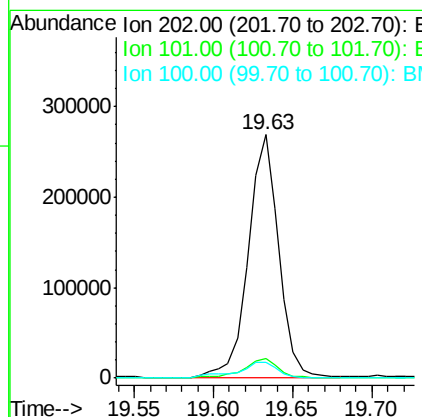
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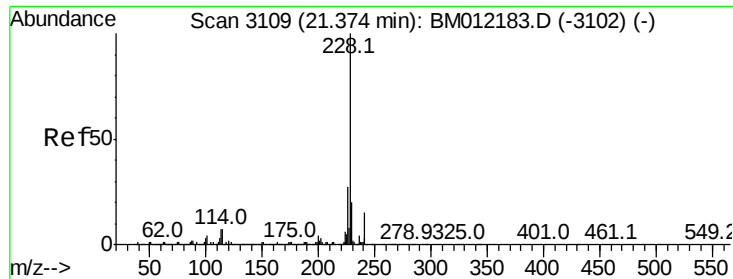
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#77
Pyrene
Concen: 4.647 ng/ul
RT: 19.63 min Scan# 2813
Delta R.T. -0.00 min
Lab File: BM012190.D
Acq: 15 Oct 2017 03:07

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	8.2	5.1	7.7#
100	6.7	4.9	7.3





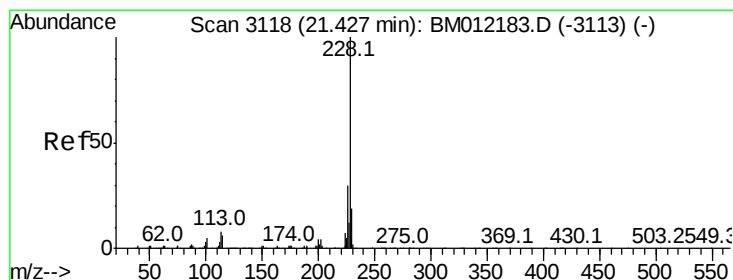
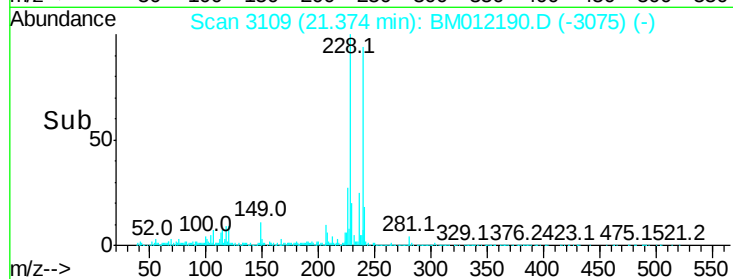
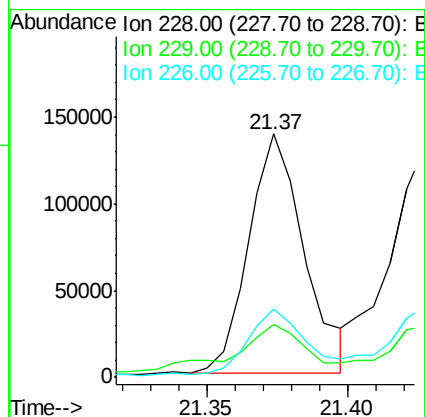
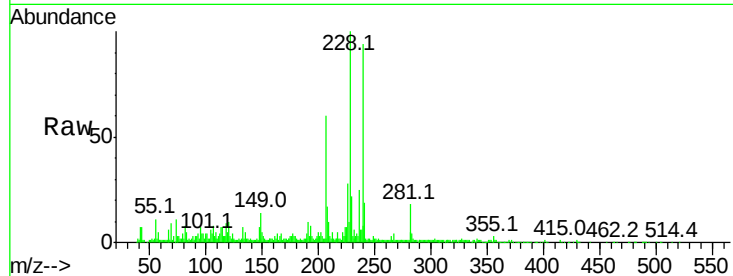
#80
Benzo(a)anthracene
Concen: 2.491 ng/ul
RT: 21.37 min Scan# 3109
Delta R.T. -0.00 min
Lab File: BM012190.D
Acq: 15 Oct 2017 03:07

Instrument :
BNA_M
ClientSampled :
C0AB6

Tot Ion	Ratio	Lower	Upper
228	100		
229	21.5	15.4	23.0
226	28.1	21.4	32.0

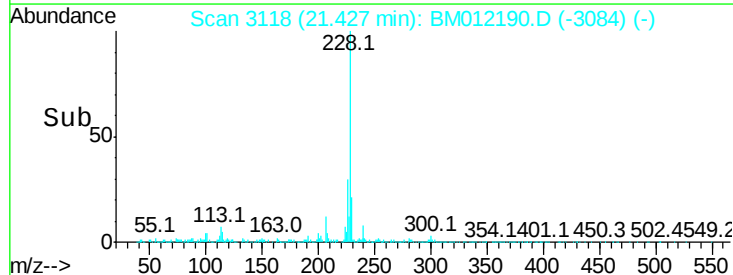
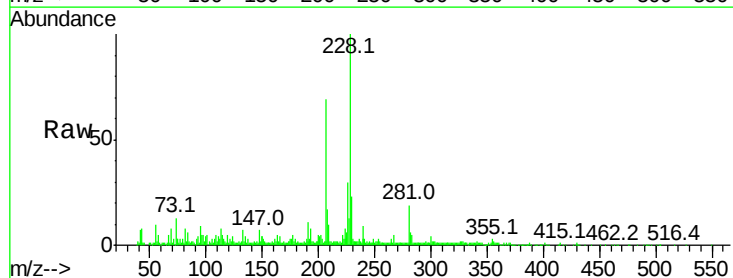
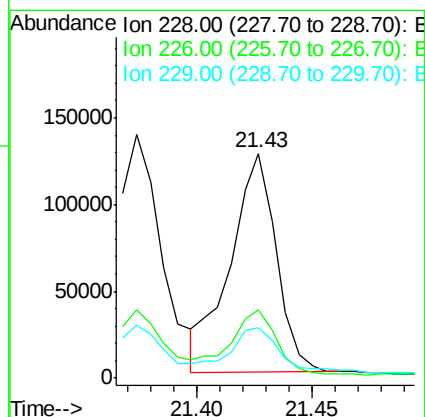
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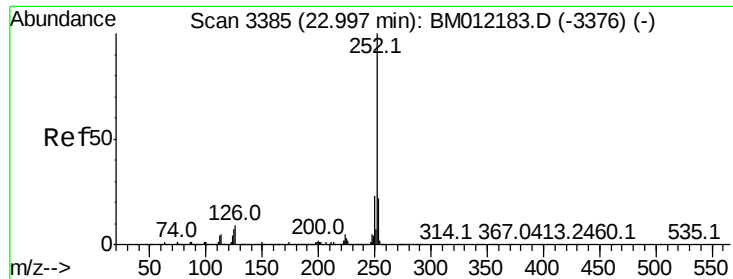
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#82
Chrysene
Concen: 2.487 ng/ul
RT: 21.43 min Scan# 3118
Delta R.T. -0.00 min
Lab File: BM012190.D
Acq: 15 Oct 2017 03:07

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	23.4	35.2
229	22.6	15.5	23.3





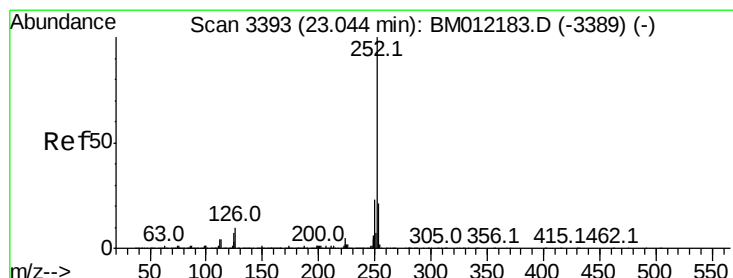
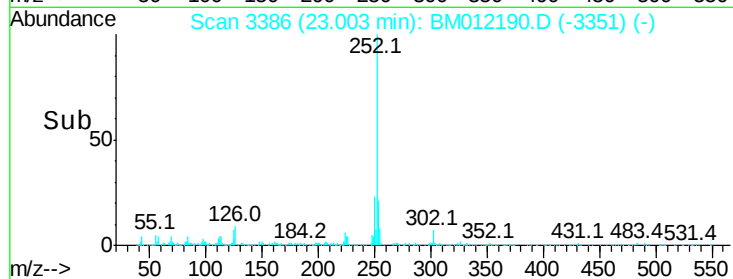
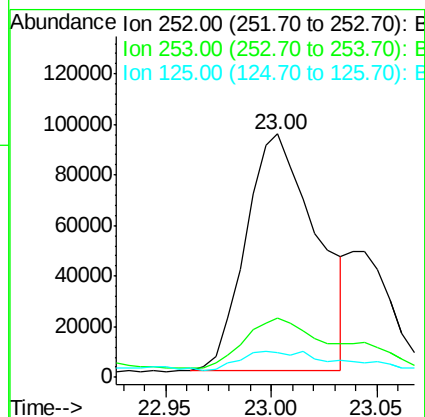
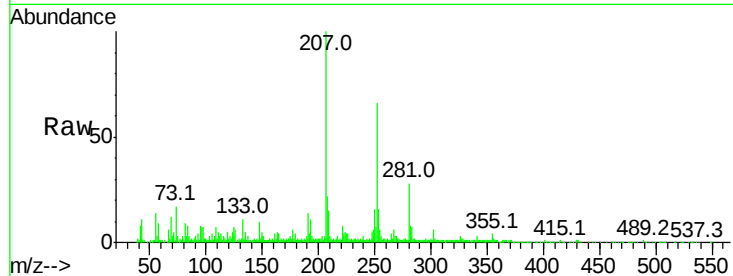
#85
Benzo(b)fluoranthene
Concen: 3.389 ng/ul
RT: 23.00 min Scan# 3386
Delta R.T. 0.01 min
Lab File: BM012190.D
Acq: 15 Oct 2017 03:07

Instrument :
BNA_M
ClientSampleId :
C0AB6

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.9	26.9
125	10.4	3.6	5.4

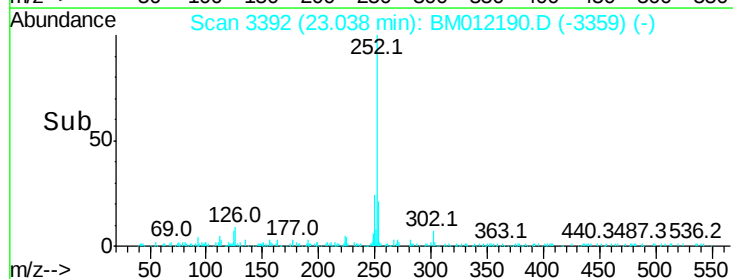
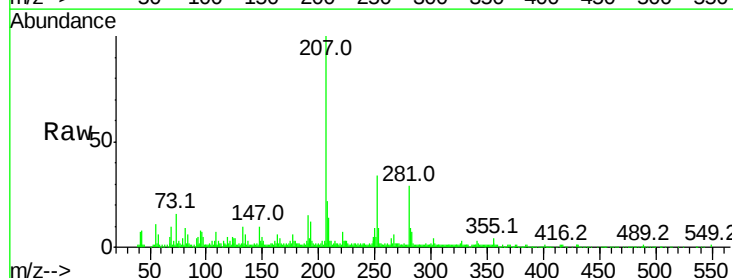
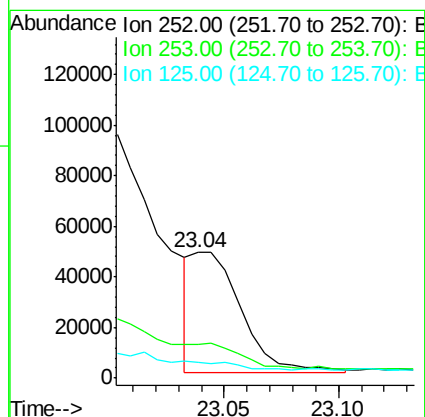
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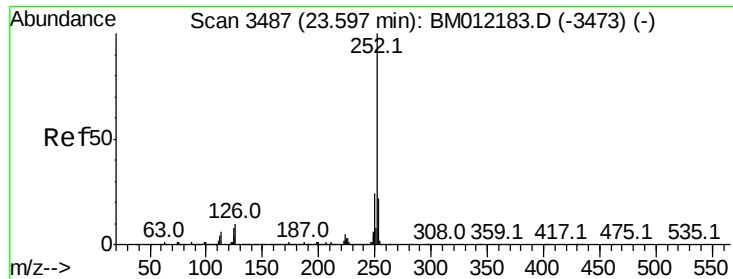
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#86
Benzo(k)fluoranthene
Concen: 1.135 ng/ul m
RT: 23.04 min Scan# 3392
Delta R.T. -0.01 min
Lab File: BM012190.D
Acq: 15 Oct 2017 03:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.2	17.1	25.7
125	12.4	3.4	5.2





#88

Benzo(a)pyrene

Concen: 2.234 ng/ul

RT: 23.60 min Scan# 3487

Delta R.T. -0.00 min

Lab File: BM012190.D

Acq: 15 Oct 2017 03:07

Instrument :

BNA_M

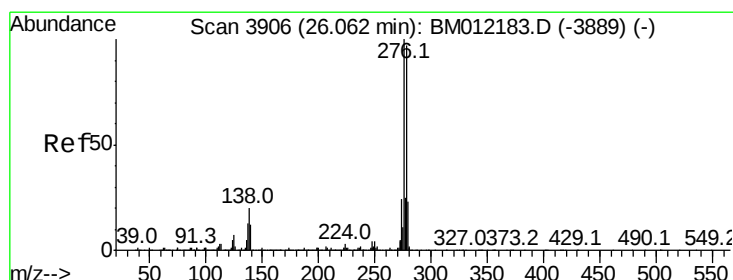
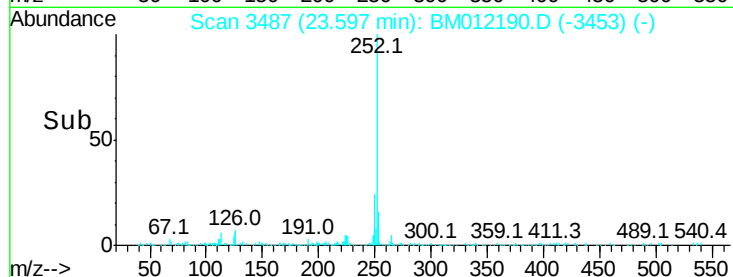
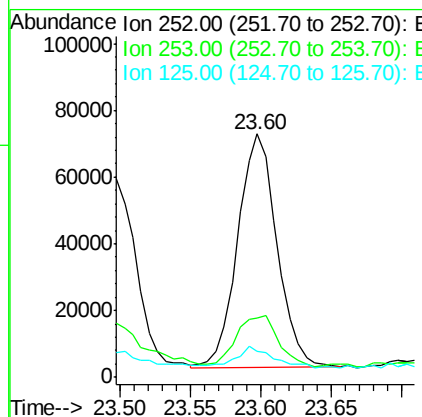
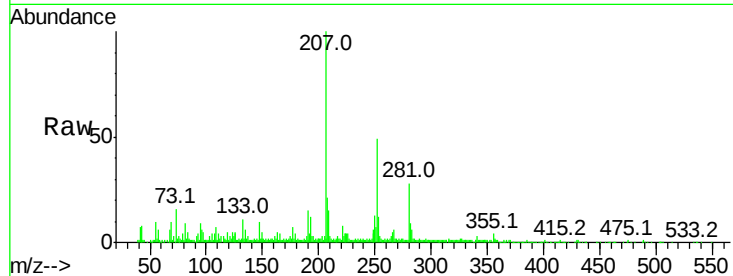
ClientSampleId :

C0AB6

Tot Ion:	252	Resp:	135552
Ion Ratio	Lower	Upper	
252	100		
253	24.4	18.2	27.2
125	10.6	4.0	6.0#

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#89

Indeno(1,2,3-cd)pyrene

Concen: 1.419 ng/ul

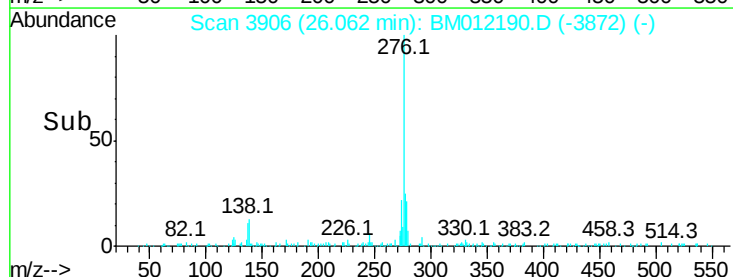
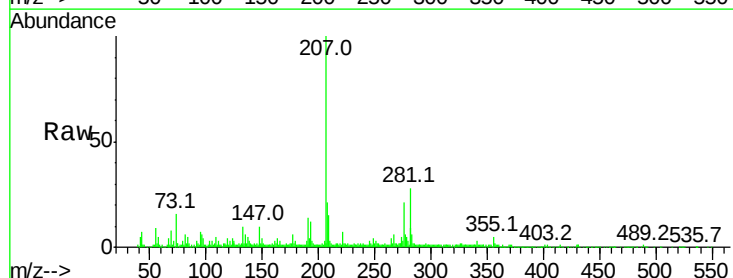
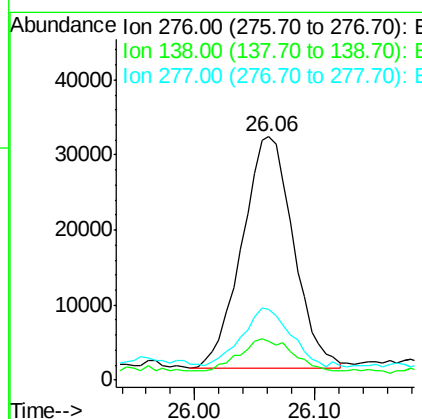
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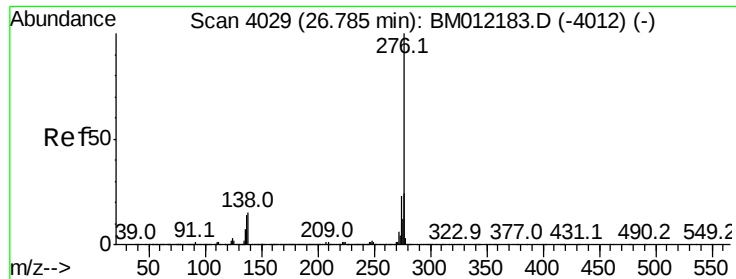
Delta R.T. -0.00 min

Lab File: BM012190.D

Acq: 15 Oct 2017 03:07

Tgt Ion:	276	Resp:	91461
Ion Ratio	Lower	Upper	
276	100		
138	16.0	9.3	13.9#
277	29.0	19.9	29.9





#91
 Benzo(a,h,i)perylene
 Concen: 1.739 ng/ul
 RT: 26.79 min Scan# 4029
 Delta R.T. -0.00 min
 Lab File: BM012190.D
 Acq: 15 Oct 2017 03:07

Instrument :
 BNA_M
 ClientSampleId :
 C0AB6

Tot Ion	Ratio	Lower	Upper
276	100		
138	13.0	8.5	12.7#
277	26.6	18.6	28.0

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