

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111720\
 Data File : BM027818.D
 Acq On : 17 Nov 2020 14:20
 Operator : JU/CG
 Sample : L4762-13
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AC9

Manual Integrations
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Quant Time: Nov 17 14:52:47 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM111020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 17 09:19:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.38	152	1216	0.40	ng/ul	0.00
2) Naphthalene-d8	11.22	136	4849	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.99	164	6228	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.71	188	5129	0.40	ng/ul	0.01
16) Chrysene-d12	21.81	240	4227	0.40	ng/ul	0.02
20) Perylene-d12	24.28	264	3095	0.40	ng/ul	0.05
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.78	152	3131	0.35	ng/ul	0.00
14) Fluoranthene-d10	19.69	212	3731	0.24	ng/ul	0.02
Target Compounds				Ovalue		
3) Naphthalene	11.27	128	54524	3.519	ng/ul	98
5) 2-Methylnaphthalene	12.85	142	130159	12.076	ng/ul	99
7) Acenaphthylene	14.72	152	26024	0.849	ng/ul#	62
8) Acenaphthene	15.06	153	23640	1.007	ng/ul#	76
9) Fluorene	16.03	166	25495	0.903	ng/ul#	74
11) Pentachlorophenol	17.36	266	576	0.311	ng/ul	95
12) Phenanthrene	17.75	178	344471	20.631	ng/ul	98
13) Anthracene	17.84	178	57990	3.567	ng/ul#	85
15) Fluoranthene	19.73	202	500204	26.172	ng/ul	96
17) Pyrene	20.09	202	763065	40.707	ng/ul#	94
18) Benzo(a)anthracene	21.80	228	296347	17.543	ng/ul#	90
19) Chrysene	21.85	228	339579	19.734	ng/ul#	91
21) Benzo(b)fluoranthene	23.53	252	379396m	26.787	ng/ul	
22) Benzo(k)fluoranthene	23.57	252	172898m	12.436	ng/ul	
23) Benzo(a)pyrene	24.17	252	279537	22.443	ng/ul#	97
24) Indeno(1,2,3-cd)pyrene	26.82	276	169568	11.951	ng/ul#	96
25) Dibenzo(a,h)anthracene	26.82	278	44963	3.795	ng/ul#	66
26) Benzo(g,h,i)perylene	27.61	276	155896	12.984	ng/ul	97

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

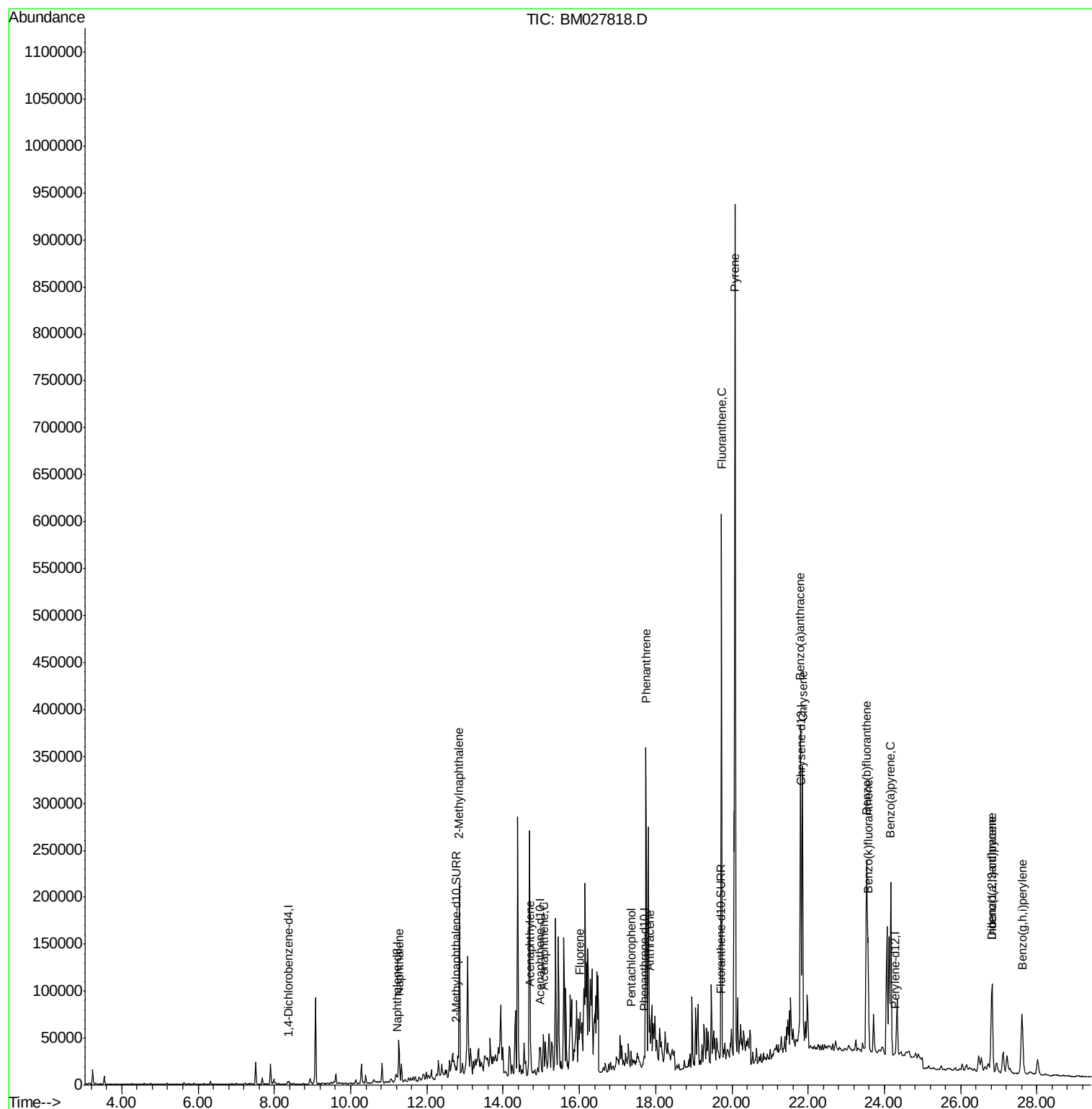
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111720\
Data File : BM027818.D
Acq On : 17 Nov 2020 14:20
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Sample : L4762-13
Misc :
ALS Vial : 10 Sample Multiplier: 1

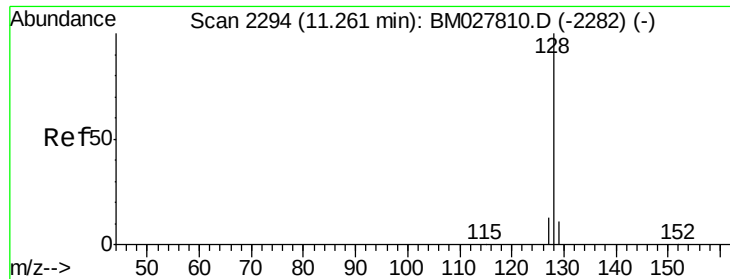
Instrument :
BNA_M
ClientSampled :
C0AC9

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Quant Time: Nov 17 14:52:47 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM111020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 17 09:19:02 2020
Response via : Initial Calibration





#3

Naphthalene

Concen: 3.519 ng/ul

RT: 11.27 min Scan# 2296

Delta R.T. 0.01 min

Lab File: BM027818.D

Acq: 17 Nov 2020 14:20

Instrument :

BNA_M

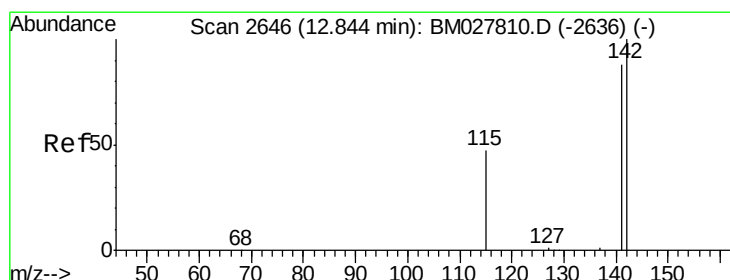
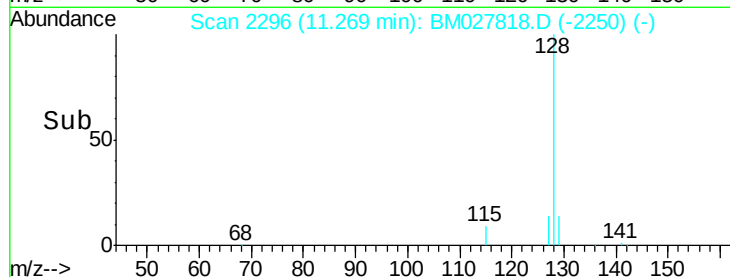
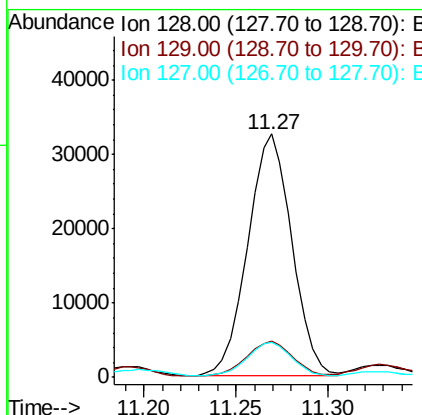
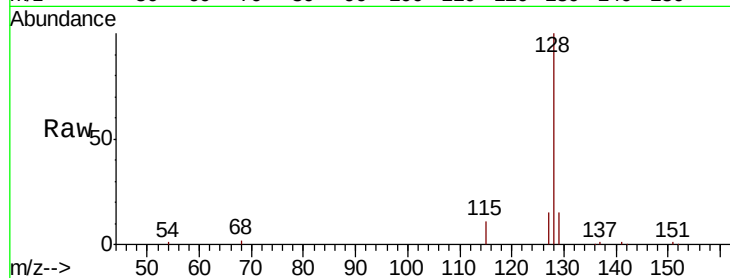
ClientSampleId :

C0AC9

Tot Ion:128	Resp:	54524
Ion Ratio	Lower	Upper
128	100	
129	14.8	11.0 16.4
127	14.5	12.4 18.6

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#5

2-Methylnaphthalene

Concen: 12.076 ng/ul

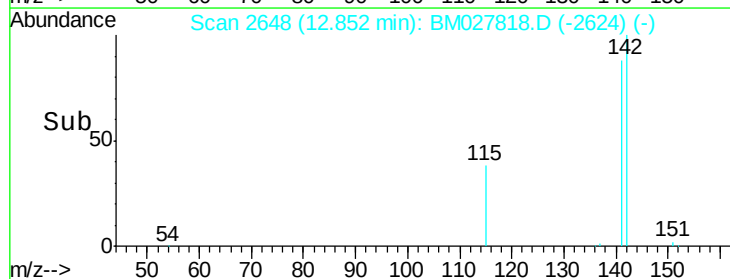
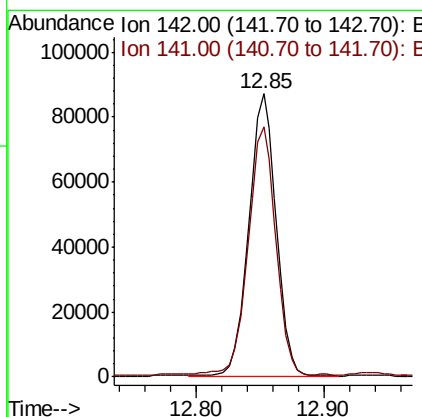
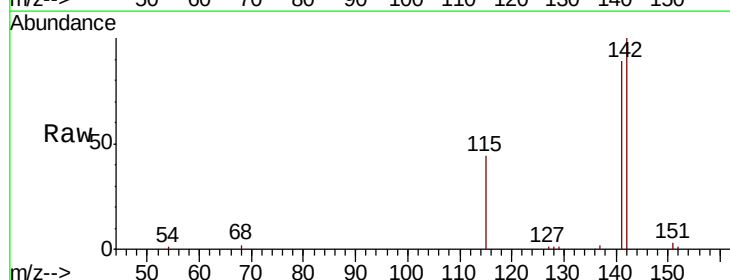
RT: 12.85 min Scan# 2648

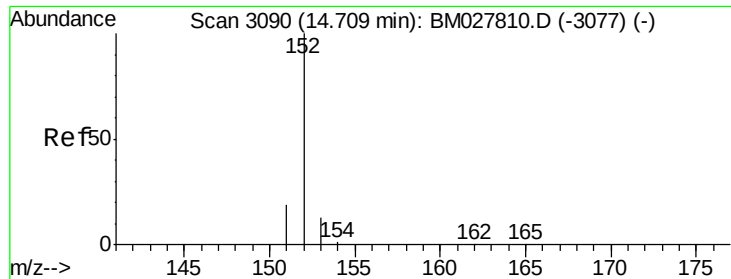
Delta R.T. 0.01 min

Lab File: BM027818.D

Acq: 17 Nov 2020 14:20

Tgt Ion:142	Resp:	130159
Ion Ratio	Lower	Upper
142	100	
141	88.6	70.0 105.0





#7

Acenaphthylene

Concen: 0.849 ng/ul

RT: 14.72 min Scan# 3093

Delta R.T. 0.01 min

Lab File: BM027818.D

Acq: 17 Nov 2020 14:20

Instrument :

BNA_M

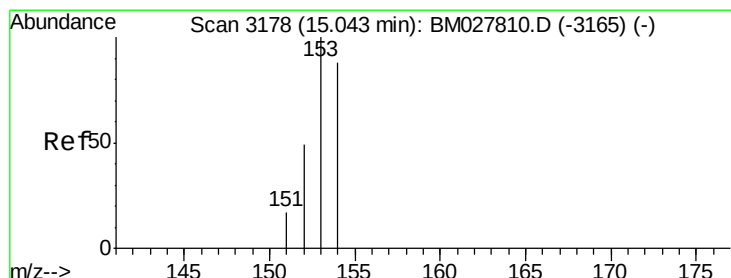
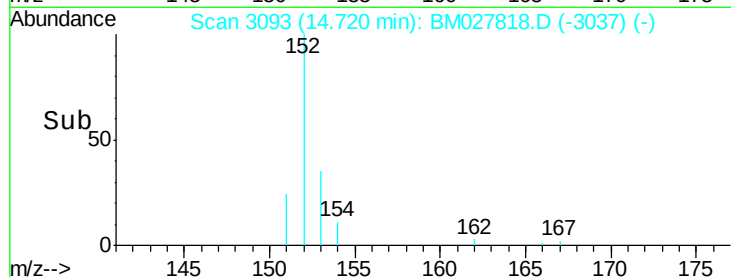
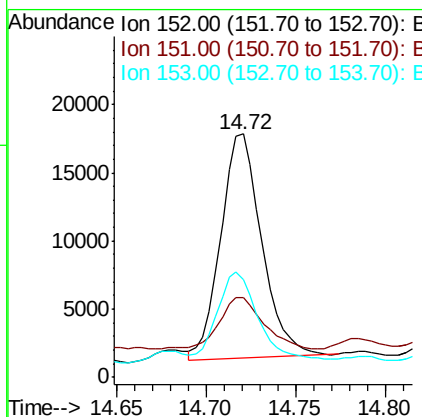
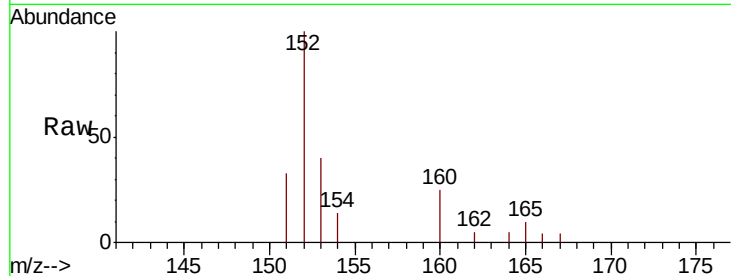
ClientSampleId :

C0AC9

Tot Ion:	152	Resp:	26024
Ion Ratio	Lower	Upper	
152	100		
151	32.8	17.8	26.6#
153	40.3	11.8	17.8#

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#8

Acenaphthene

Concen: 1.007 ng/ul

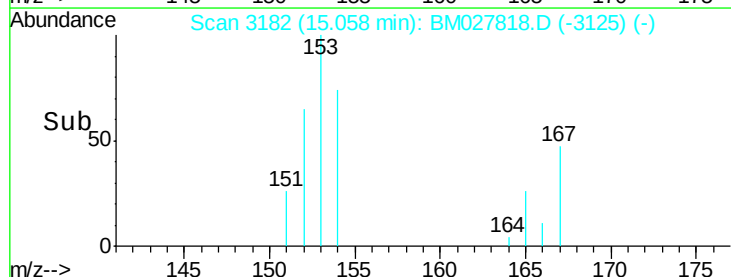
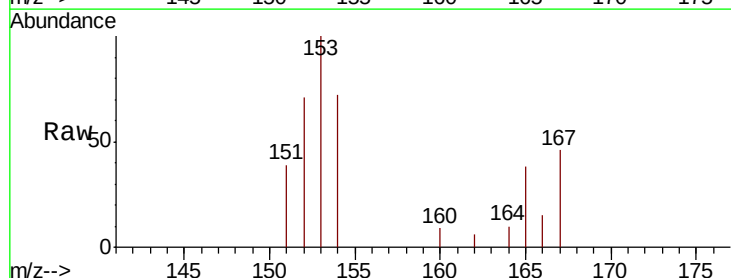
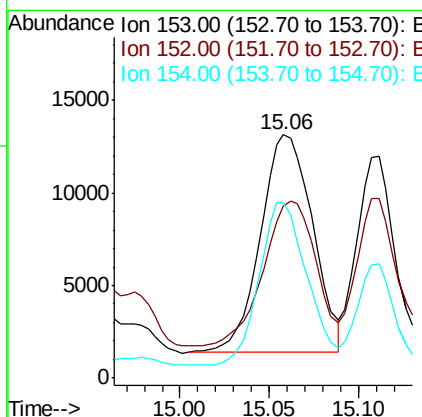
RT: 15.06 min Scan# 3182

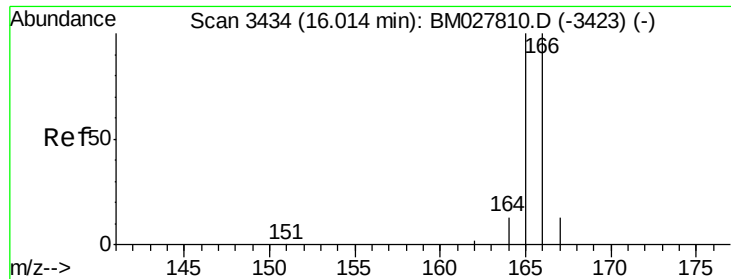
Delta R.T. 0.02 min

Lab File: BM027818.D

Acq: 17 Nov 2020 14:20

Tgt Ion:	153	Resp:	23640
Ion Ratio	Lower	Upper	
153	100		
152	70.8	38.6	58.0#
154	72.2	72.0	108.0





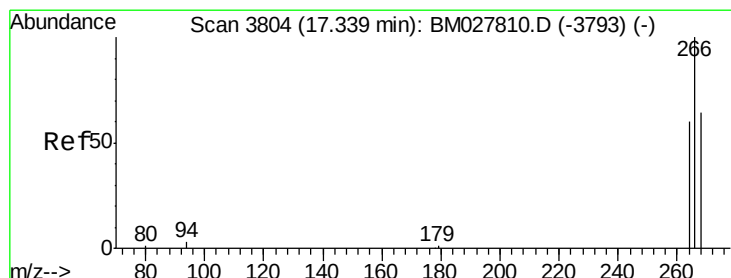
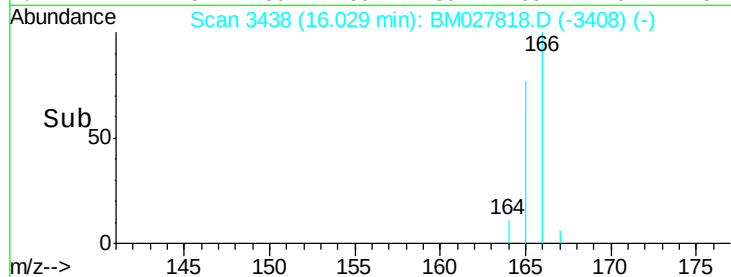
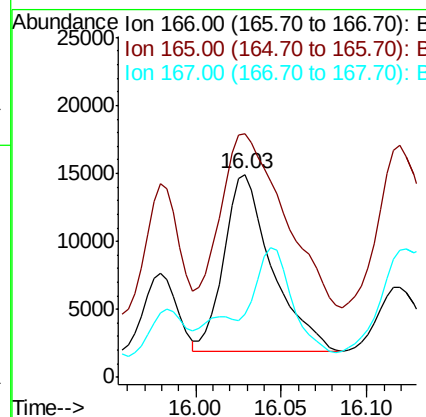
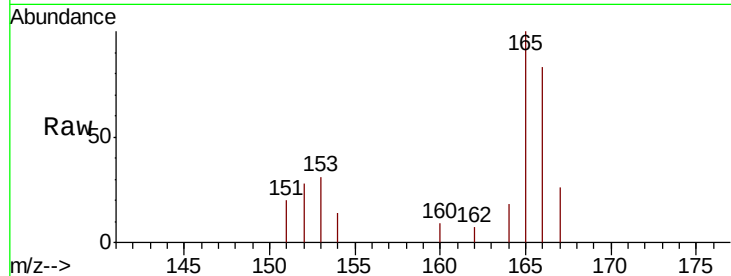
#9
Fluorene
 Concen: 0.903 ng/ul
 RT: 16.03 min Scan# 3438
 Delta R.T. 0.02 min
 Lab File: BM027818.D
 Acq: 17 Nov 2020 14:20

Instrument :
 BNA_M
 ClientSampleID :
 C0AC9

Tot Ion	Ratio	Lower	Upper
166	100		
165	120.0	76.9	115.3#
167	30.9	12.0	18.0#

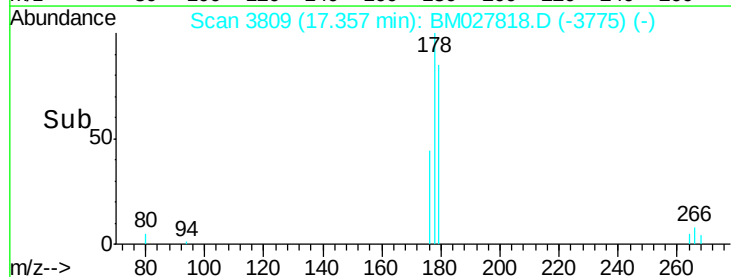
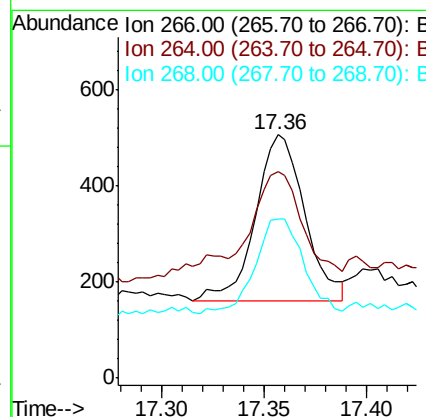
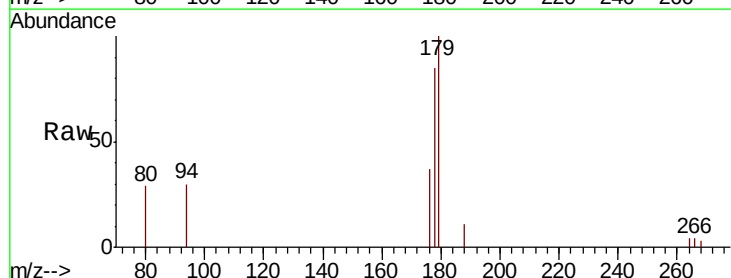
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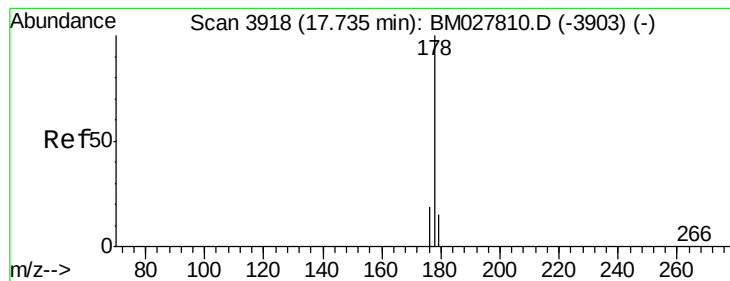
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#11
Pentachlorophenol
 Concen: 0.311 ng/ul
 RT: 17.36 min Scan# 3809
 Delta R.T. 0.02 min
 Lab File: BM027818.D
 Acq: 17 Nov 2020 14:20

Tgt Ion	Ratio	Lower	Upper
266	100		
264	63.5	49.0	73.6
268	57.3	50.4	75.6





#12

Phenanthrene

Concen: 20.631 ng/ul

RT: 17.75 min Scan# 3922

Delta R.T. 0.01 min

Lab File: BM027818.D

Acq: 17 Nov 2020 14:20

Instrument :

BNA_M

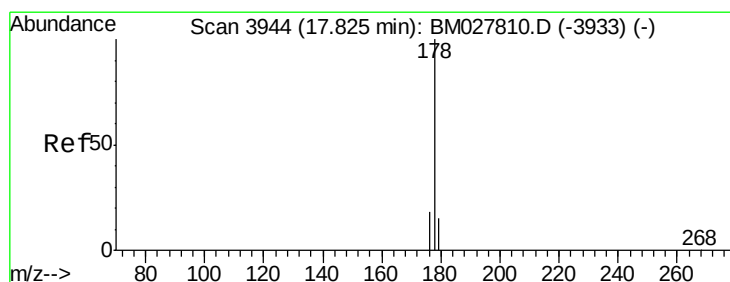
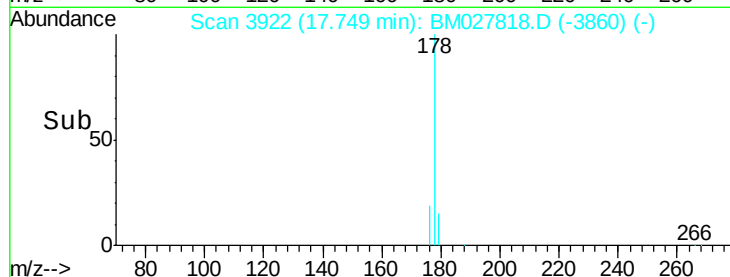
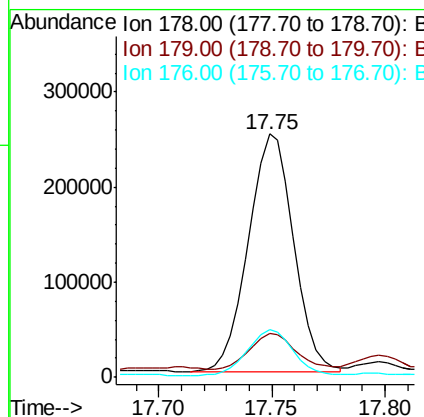
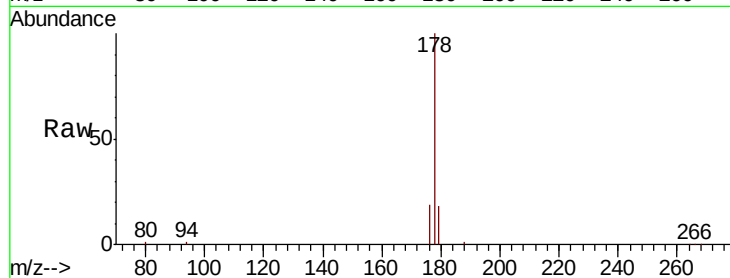
ClientSampleId :

C0AC9

Tot Ion:	178	Resp:	344471
Ion Ratio	Lower	Upper	
178	100		
179	17.8	13.5	20.3
176	19.5	16.5	24.7

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#13

Anthracene

Concen: 3.567 ng/ul

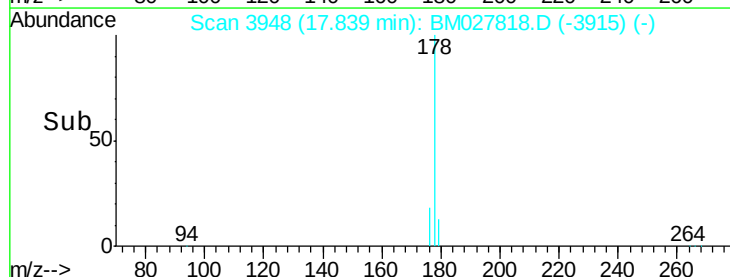
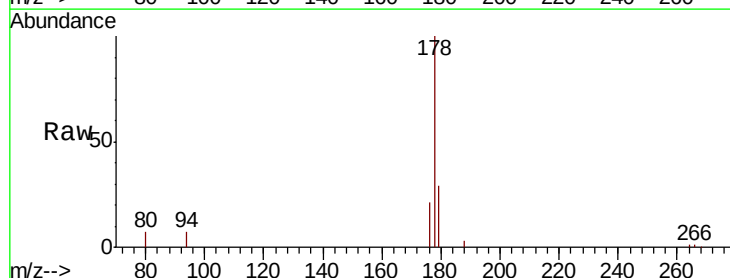
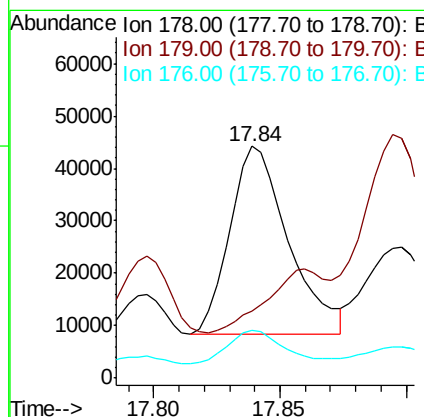
RT: 17.84 min Scan# 3948

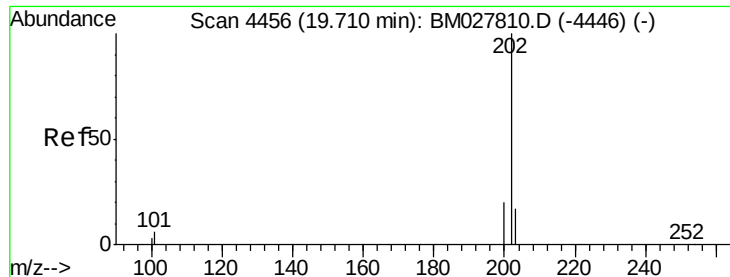
Delta R.T. 0.01 min

Lab File: BM027818.D

Acq: 17 Nov 2020 14:20

Tgt Ion:	178	Resp:	57990
Ion Ratio	Lower	Upper	
178	100		
179	29.1	13.6	20.4#
176	20.6	15.4	23.2





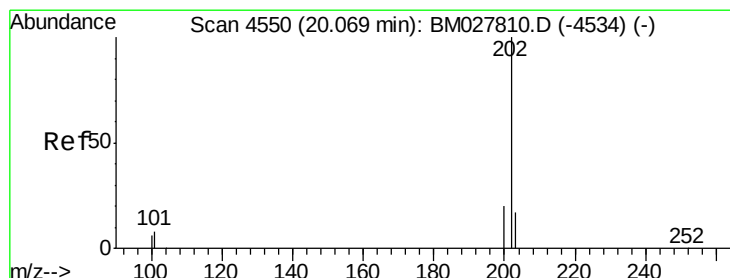
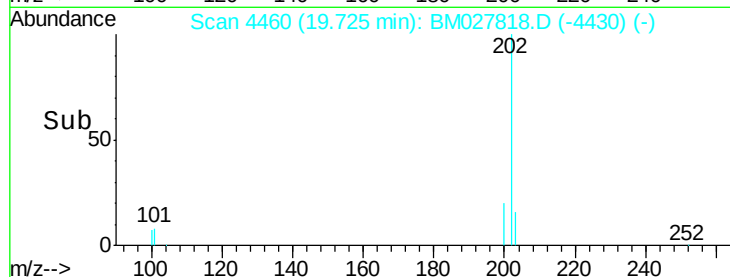
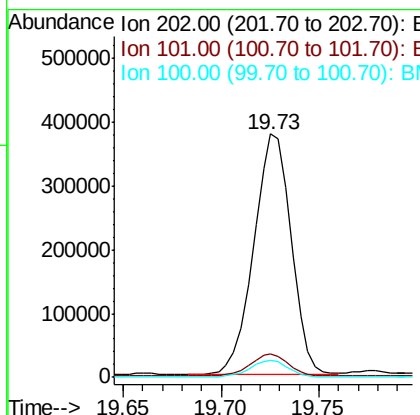
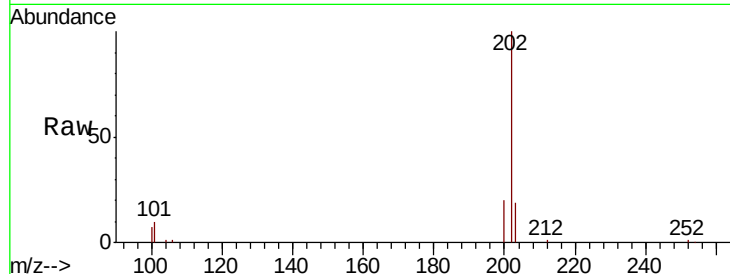
#15
Fluoranthene
Concen: 26.172 ng/ul
RT: 19.73 min Scan# 4460
Delta R.T. 0.02 min
Lab File: BM027818.D
Acq: 17 Nov 2020 14:20

Instrument :
BNA_M
ClientSampled :
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Tot Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	9.7	0.0	28.0
100	7.3	0.0	26.3

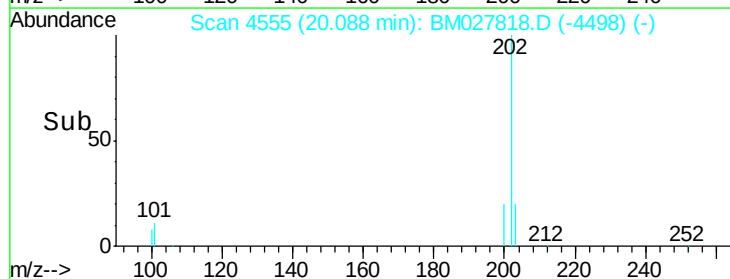
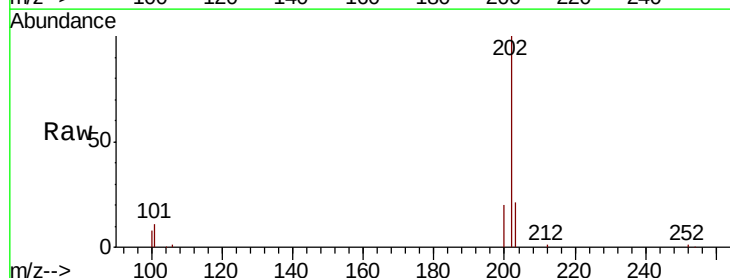
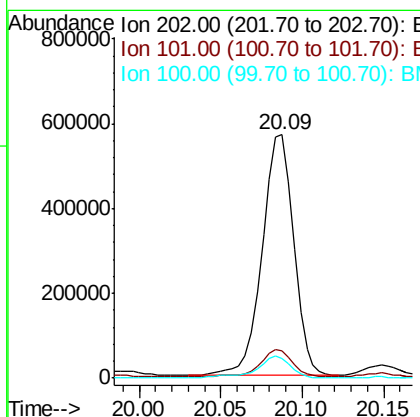
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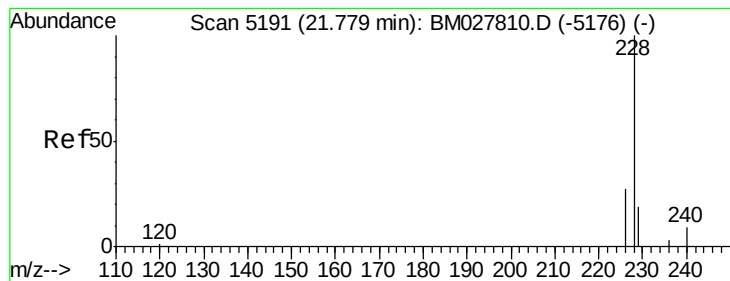
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#17
Pyrene
Concen: 40.707 ng/ul
RT: 20.09 min Scan# 4555
Delta R.T. 0.02 min
Lab File: BM027818.D
Acq: 17 Nov 2020 14:20

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	11.3	6.4	9.6#
100	8.3	5.8	8.6





#18

Benzo(a)anthracene

Concen: 17.543 ng/ul

RT: 21.80 min Scan# 5199

Delta R.T. 0.02 min

Lab File: BM027818.D

Acq: 17 Nov 2020 14:20

Instrument :

BNA_M

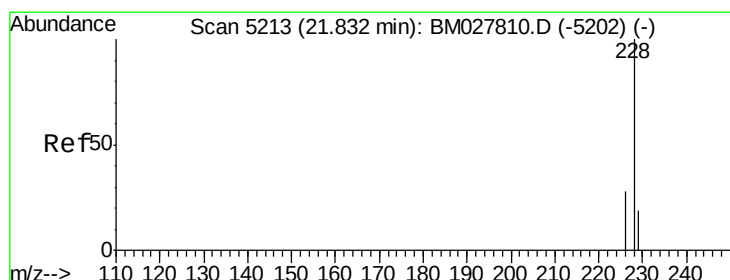
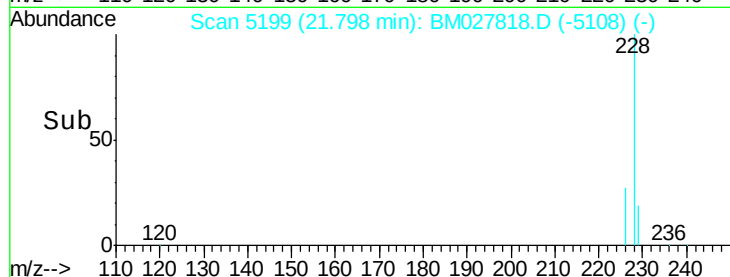
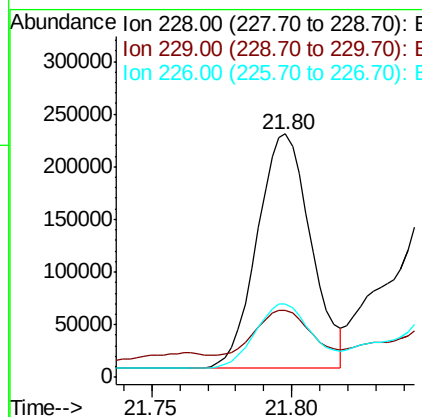
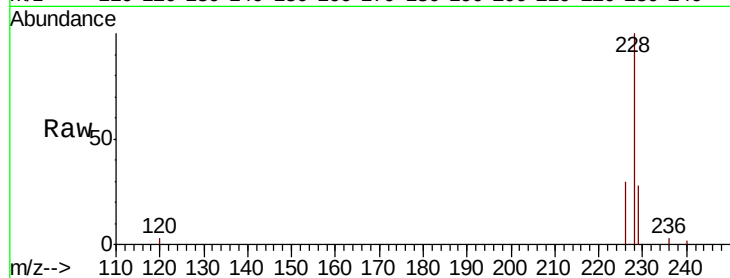
ClientSampleId :

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Tot Ion:	228	Resp:	296347
Ion Ratio	Lower	Upper	
228	100		
229	27.7	15.9	23.9#
226	30.1	22.0	33.0

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#19

Chrysene

Concen: 19.734 ng/ul

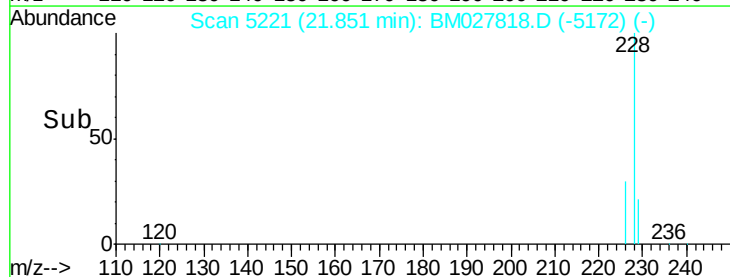
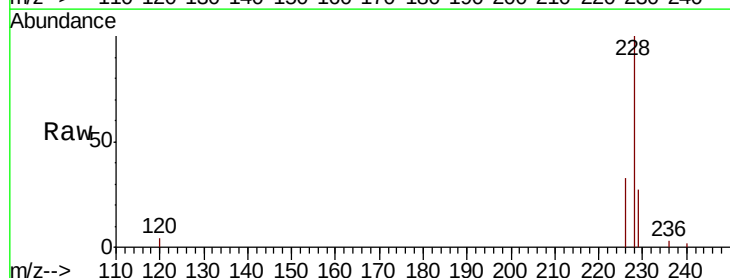
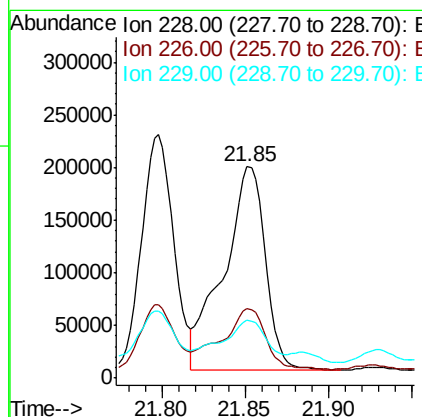
RT: 21.85 min Scan# 5221

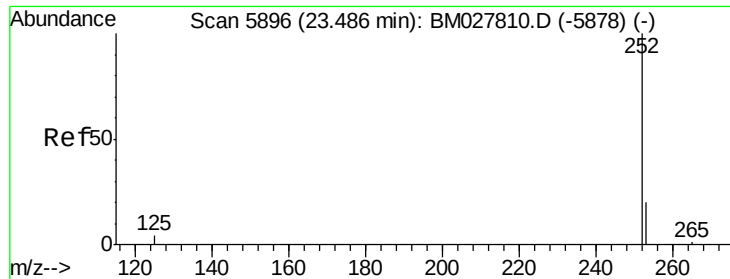
Delta R.T. 0.02 min

Lab File: BM027818.D

Acq: 17 Nov 2020 14:20

Tgt Ion:	228	Resp:	339579
Ion Ratio	Lower	Upper	
228	100		
226	32.9	24.2	36.2
229	27.5	16.8	25.2#





#21

Benzo(b)fluoranthene

Concen: 26.787 ng/ul m

RT: 23.53 min Scan# 5914

Delta R.T. 0.04 min

Lab File: BM027818.D

Acq: 17 Nov 2020 14:20

Instrument :

BNA_M

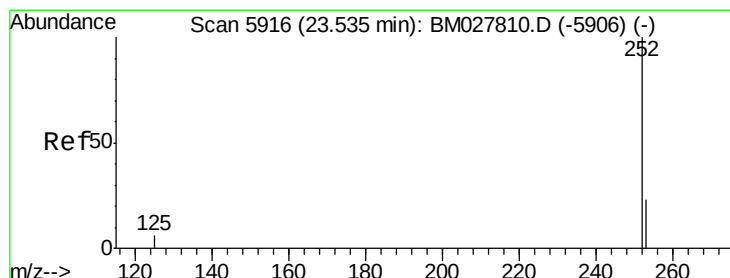
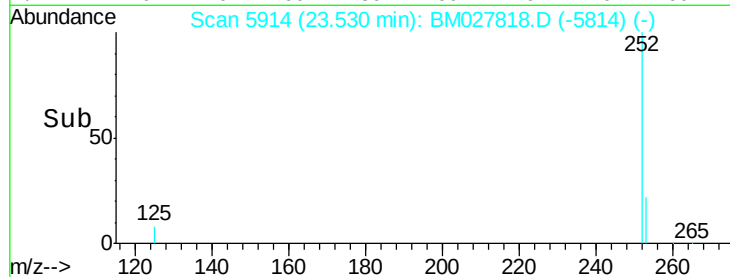
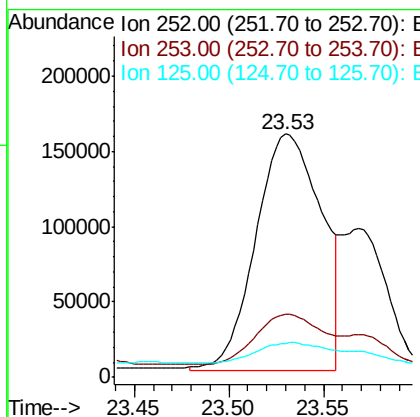
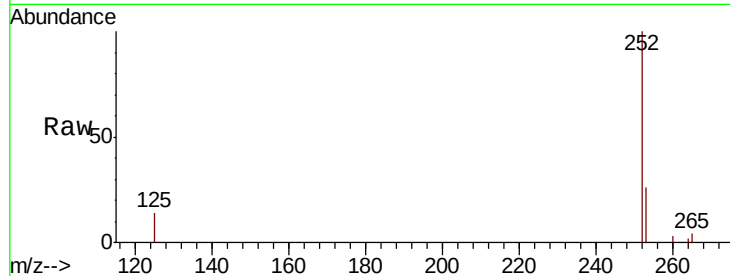
ClientSampleId :

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Tot Ion:	252	Resp:	379396
Ion Ratio	Lower	Upper	
252	100		
253	26.2	0.0	52.2
125	14.1	0.0	17.6

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#22

Benzo(k)fluoranthene

Concen: 12.436 ng/ul m

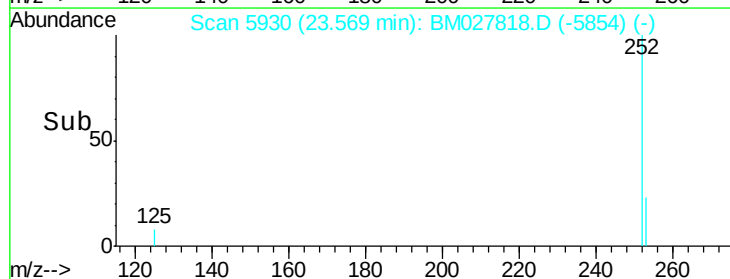
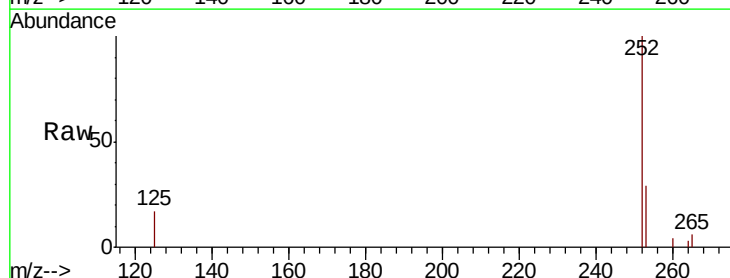
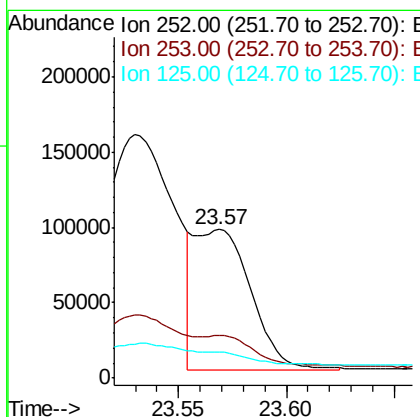
RT: 23.57 min Scan# 5930

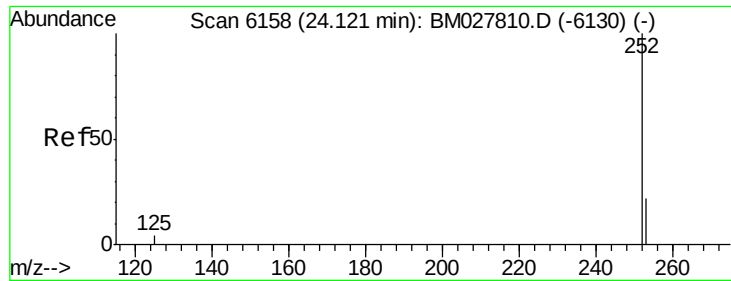
Delta R.T. 0.03 min

Lab File: BM027818.D

Acq: 17 Nov 2020 14:20

Tgt Ion:	252	Resp:	172898
Ion Ratio	Lower	Upper	
252	100		
253	29.0	20.4	30.6
125	17.3	7.0	10.4





#23

Benzo(a)pyrene

Concen: 22.443 ng/ul

RT: 24.17 min Scan# 6178

Delta R.T. 0.05 min

Lab File: BM027818.D

Acq: 17 Nov 2020 14:20

Instrument :

BNA_M

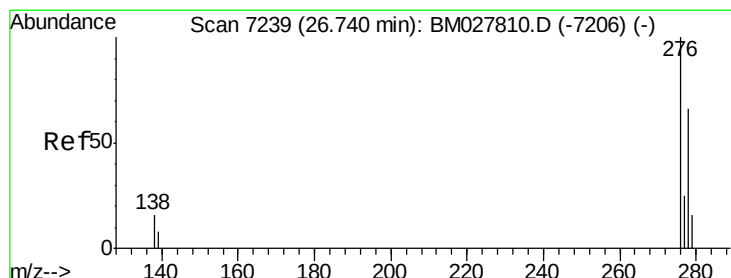
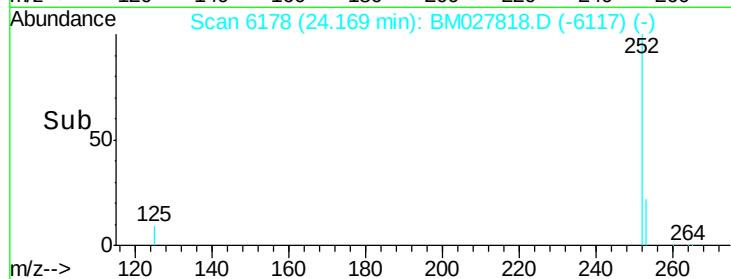
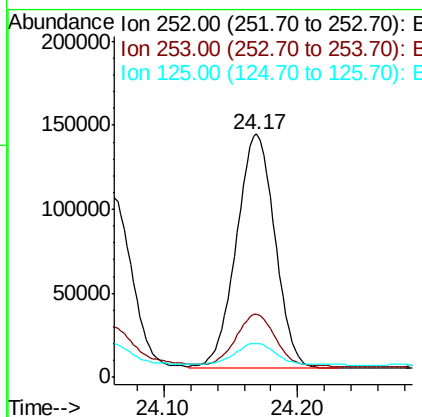
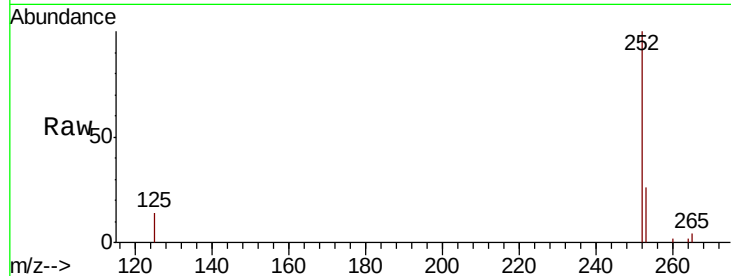
ClientSampleId :

C0AC9

Tot Ion:	252	Resp:	279537
Ion Ratio	Lower	Upper	
252	100		
253	26.0	21.0	31.6
125	14.0	7.8	11.8#

Manual Integrations
APPROVED

mohammad
11/19/2020 10:33:11 AM



#24

Indeno(1,2,3-cd)pyrene

Concen: 11.951 ng/ul

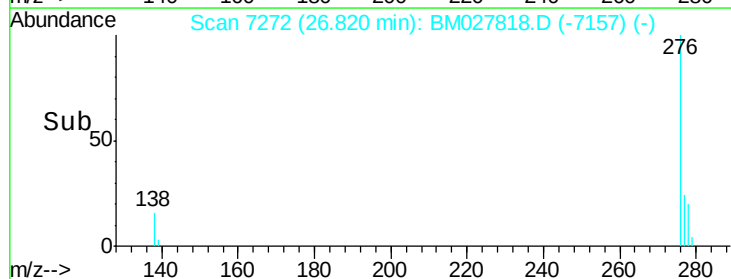
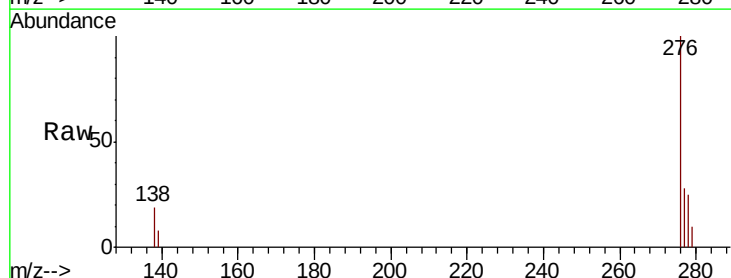
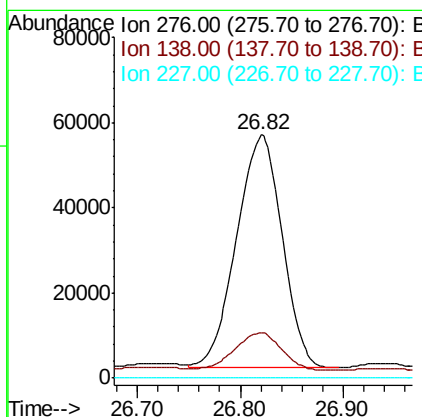
RT: 26.82 min Scan# 7272

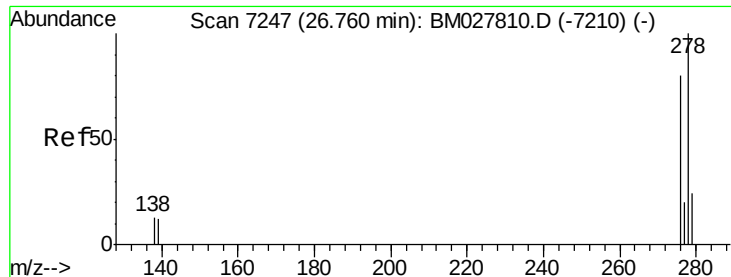
Delta R.T. 0.08 min

Lab File: BM027818.D

Acq: 17 Nov 2020 14:20

Tgt Ion:	276	Resp:	169568
Ion Ratio	Lower	Upper	
276	100		
138	16.6	12.1	18.1
227	0.0	0.0	0.0





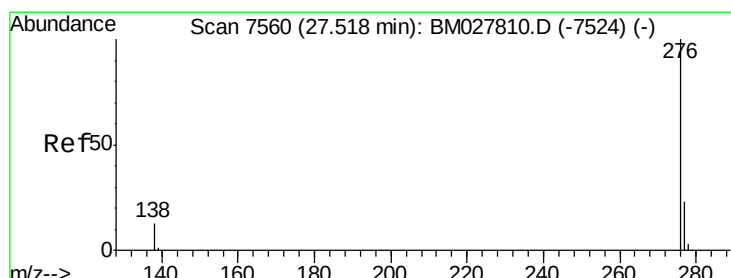
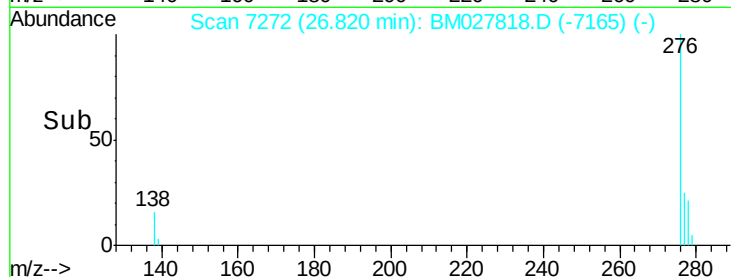
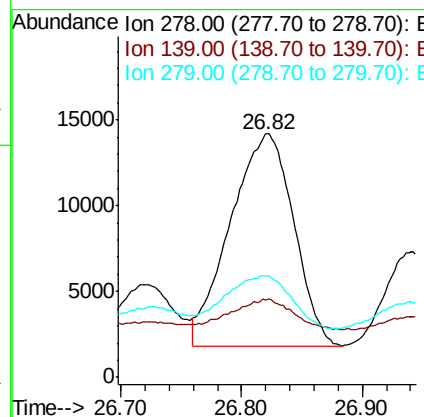
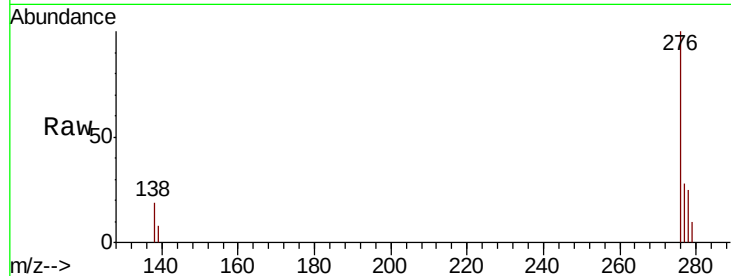
#25
Dibenzo(a,h)anthracene
Concen: 3.795 ng/ul
RT: 26.82 min Scan# 7272
Delta R.T. 0.06 min
Lab File: BM027818.D
Acq: 17 Nov 2020 14:20

Instrument :
BNA_M
ClientSampleId :
C0AC9

Tot Ion	Ratio	Lower	Upper
278	100		
139	31.6	10.2	15.4#
279	41.6	21.9	32.9#

Manual Integrations
APPROVED

mohammad
11/19/2020 10:33:11 AM



#26
Benzo(g,h,i)perylene
Concen: 12.984 ng/ul
RT: 27.61 min Scan# 7596
Delta R.T. 0.09 min
Lab File: BM027818.D
Acq: 17 Nov 2020 14:20

Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.8	12.8	19.2
277	27.3	21.5	32.3

