

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111720\
 Data File : BM027817.D
 Acq On : 17 Nov 2020 13:44
 Operator : JU/CG
 Sample : L4762-12
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AC8

Manual Integrations
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Quant Time: Nov 17 14:34:42 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	1425	0.40	ng/ul	0.00
2) Naphthalene-d8	11.22	136	5600	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.99	164	9022	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.71	188	4336m	0.40	ng/ul	0.02
16) Chrysene-d12	21.81	240	5458	0.40	ng/ul	0.02
20) Perylene-d12	24.28	264	2840	0.40	ng/ul	0.05
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.78	152	5678	0.54	ng/ul	0.00
14) Fluoranthene-d10	19.69	212	5356	0.42	ng/ul	0.01
Target Compounds				Ovalue		
3) Naphthalene	11.27	128	81382	4.548	ng/ul#	95
5) 2-Methylnaphthalene	12.85	142	230800	18.541	ng/ul	98
7) Acenaphthylene	14.72	152	24323	0.548	ng/ul#	4
8) Acenaphthene	15.06	153	47659	1.401	ng/ul#	72
9) Fluorene	16.03	166	44402	1.085	ng/ul#	72
11) Pentachlorophenol	17.36	266	536	0.343	ng/ul#	83
12) Phenanthrene	17.75	178	635832	45.047	ng/ul	98
13) Anthracene	17.84	178	71351m	5.191	ng/ul	
15) Fluoranthene	19.73	202	125207	7.749	ng/ul	89
17) Pyrene	20.09	202	511544	21.134	ng/ul#	90
18) Benzo(a)anthracene	21.80	228	61138	2.803	ng/ul#	41
19) Chrysene	21.85	228	175603m	7.903	ng/ul	
21) Benzo(b)fluoranthene	23.53	252	58082m	4.469	ng/ul	
22) Benzo(k)fluoranthene	23.57	252	19236m	1.508	ng/ul	
23) Benzo(a)pyrene	24.18	252	35672	3.121	ng/ul#	31
24) Indeno(1,2,3-cd)pyrene	26.82	276	18559	1.425	ng/ul#	93
25) Dibenzo(a,h)anthracene	26.82	278	8236	0.757	ng/ul#	1
26) Benzo(g,h,i)perylene	27.62	276	30528	2.771	ng/ul#	74

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

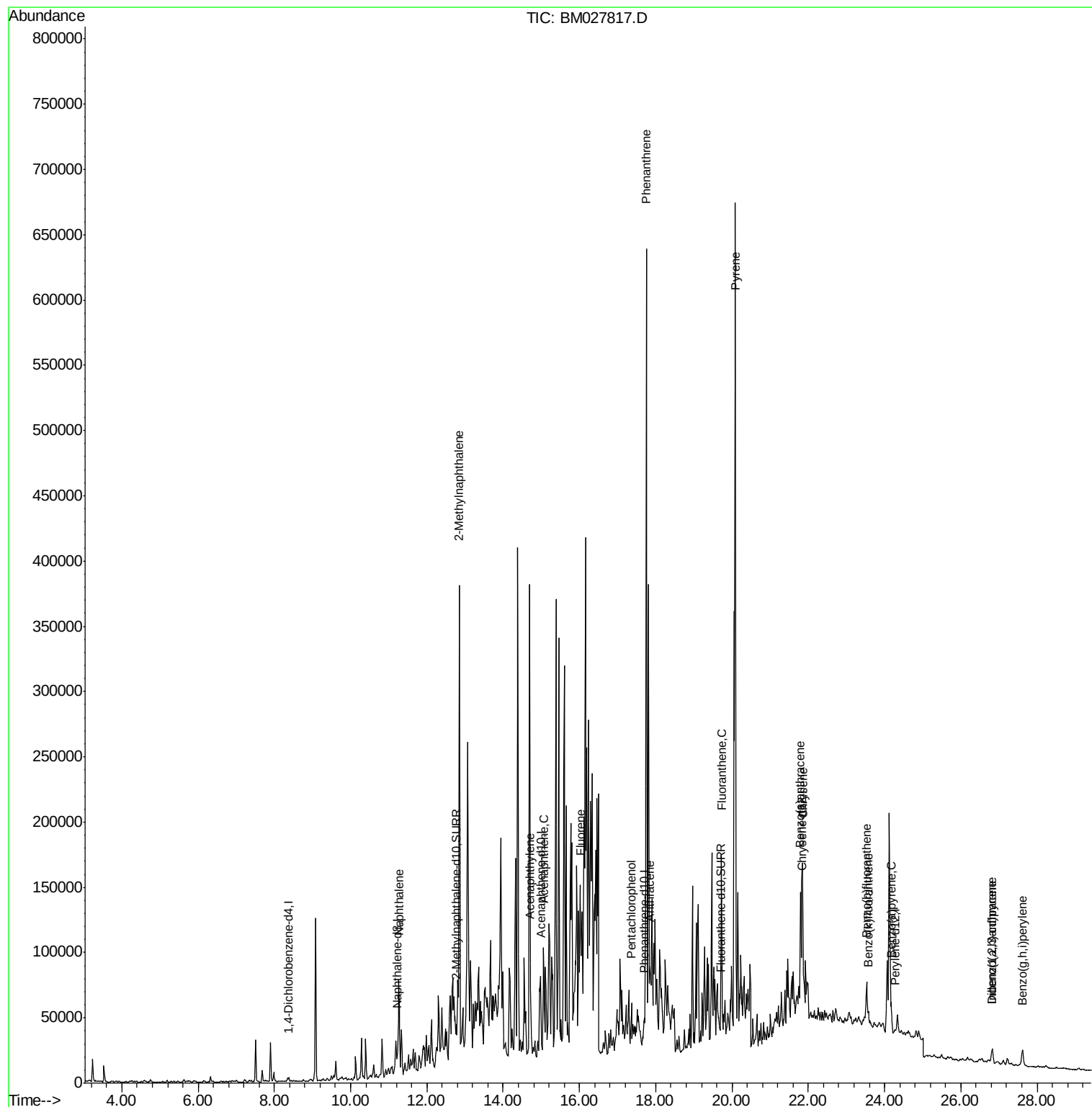
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111720\
Data File : BM027817.D
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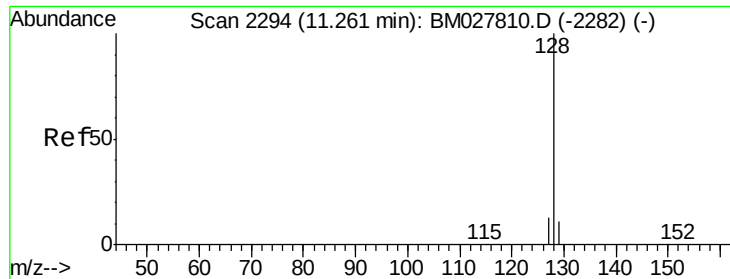
Instrument :
BNA_M
ClientSampled :
C0AC8

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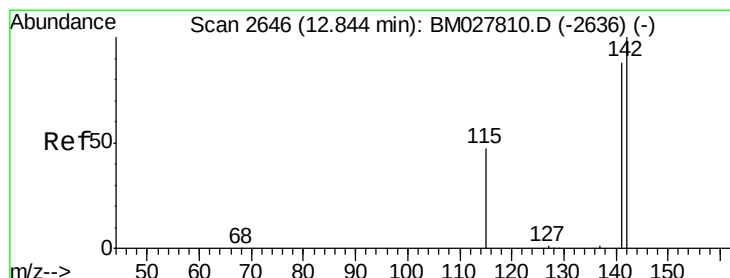
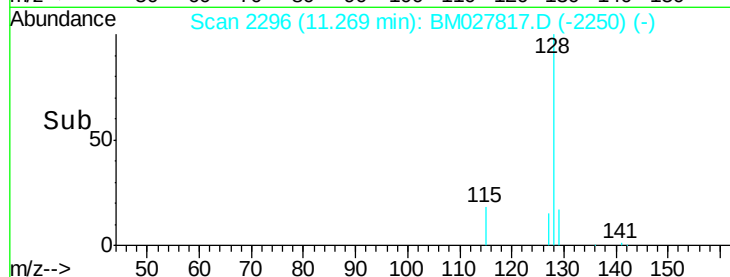
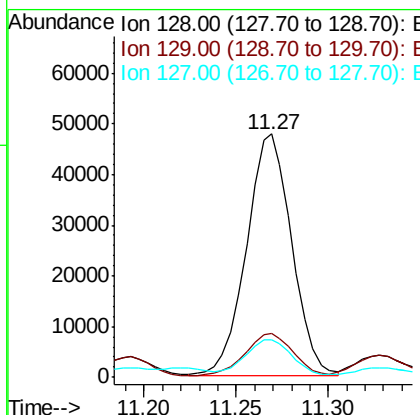
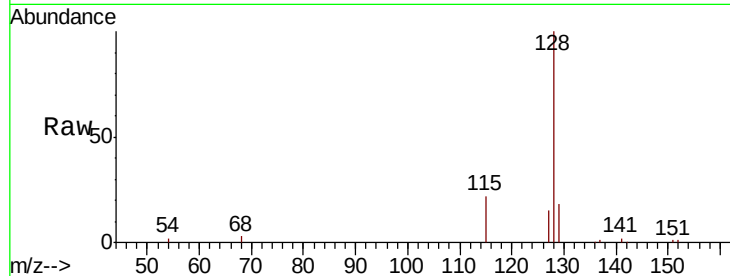
#3
Naphthalene
Concen: 4.548 ng/ul
RT: 11.27 min Scan# 2296
Delta R.T. 0.01 min
Lab File: BM027817.D
Acq: 17 Nov 2020 13:44

Instrument :
BNA_M
ClientSampleId :
C0AC8

Tot Ion	Ratio	Lower	Upper
128	100		
129	18.0	11.0	16.4#
127	15.5	12.4	18.6

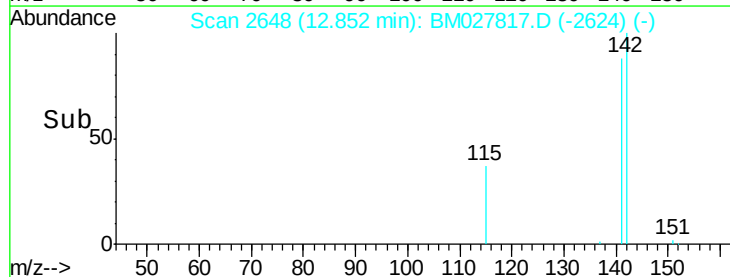
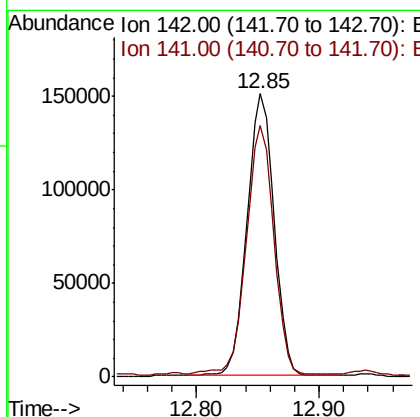
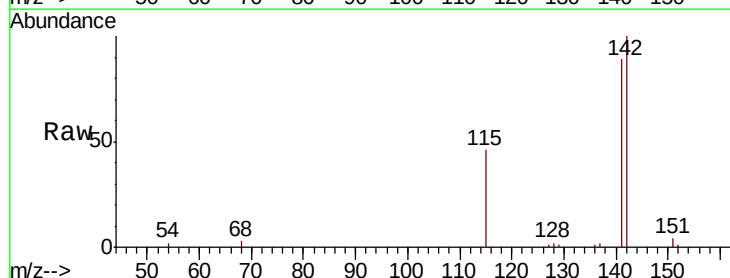
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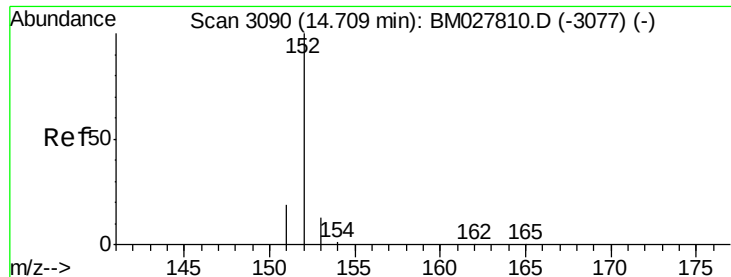
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#5
2-Methylnaphthalene
Concen: 18.541 ng/ul
RT: 12.85 min Scan# 2648
Delta R.T. 0.01 min
Lab File: BM027817.D
Acq: 17 Nov 2020 13:44

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.3	70.0	105.0





#7

Acenaphthylene

Concen: 0.548 ng/ul

RT: 14.72 min Scan# 3093

Delta R.T. 0.01 min

Lab File: BM027817.D

Acq: 17 Nov 2020 13:44

Instrument :

BNA_M

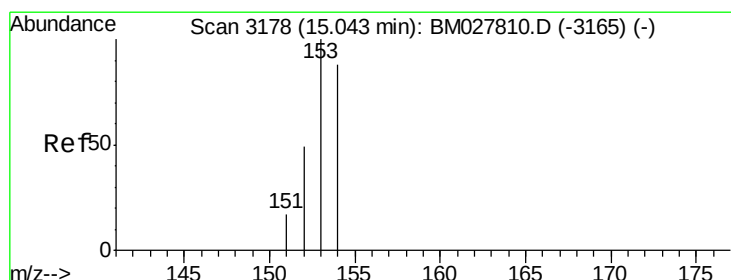
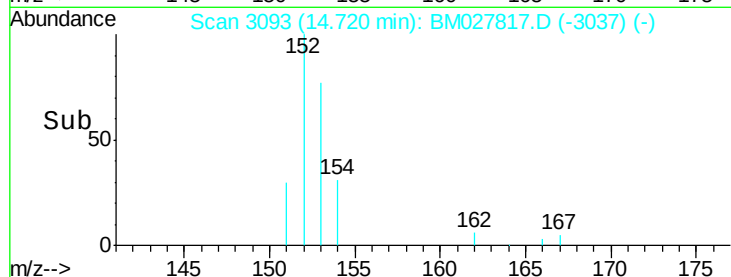
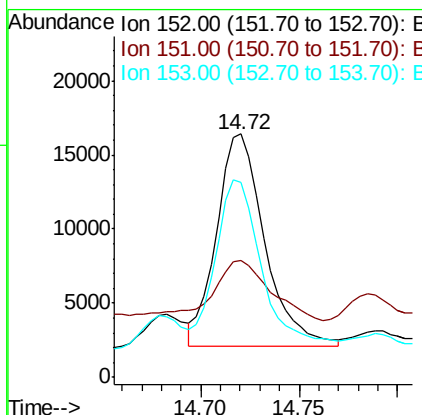
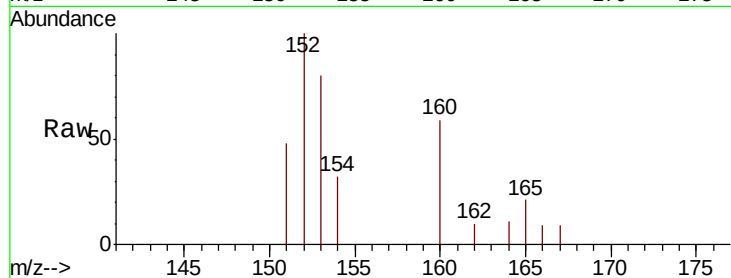
ClientSampleId :

C0AC8

Tot Ion:	152	Resp:	24323
Ion Ratio	Lower	Upper	
152	100		
151	48.1	17.8	26.6#
153	80.2	11.8	17.8#

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#8

Acenaphthene

Concen: 1.401 ng/ul

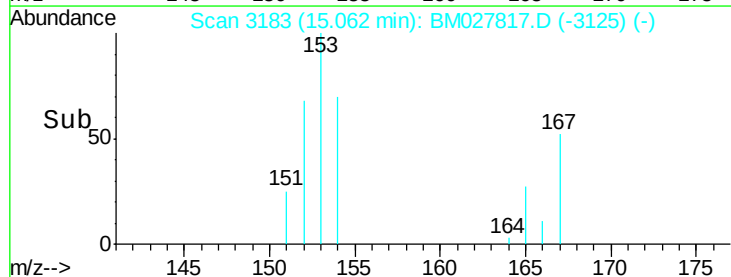
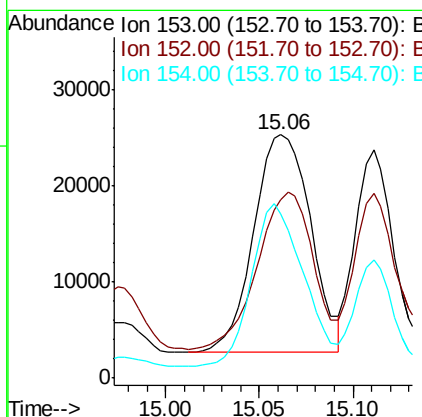
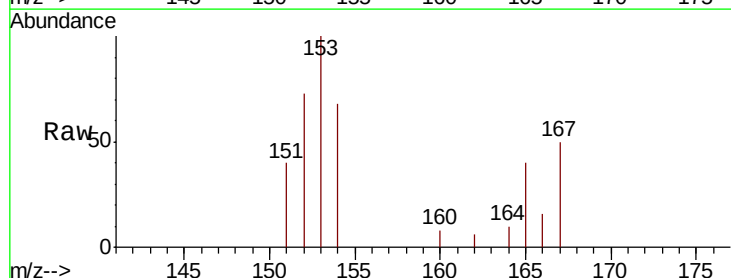
RT: 15.06 min Scan# 3183

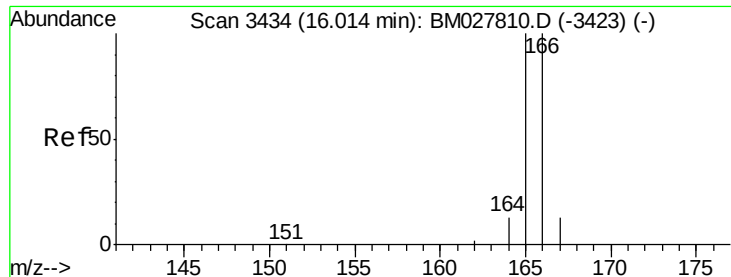
Delta R.T. 0.02 min

Lab File: BM027817.D

Acq: 17 Nov 2020 13:44

Tgt Ion:	153	Resp:	47659
Ion Ratio	Lower	Upper	
153	100		
152	73.3	38.6	58.0#
154	67.7	72.0	108.0#





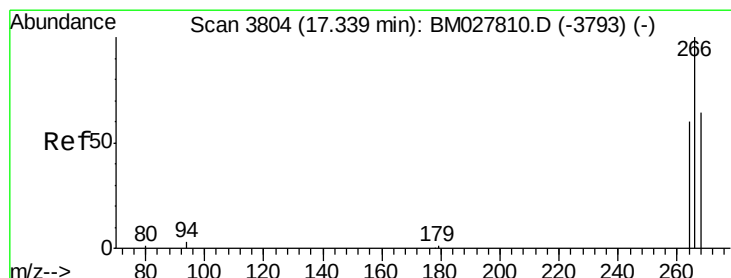
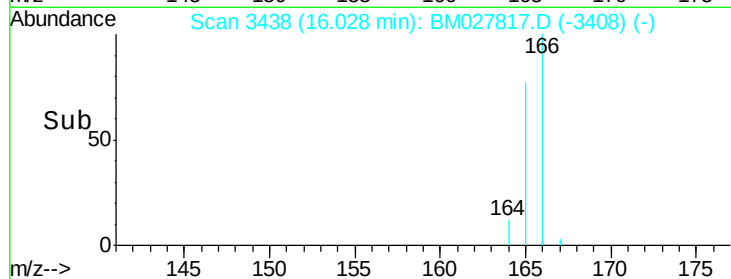
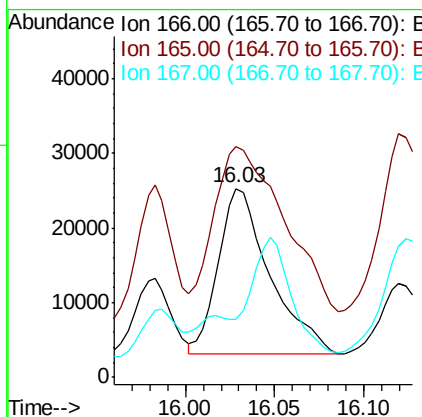
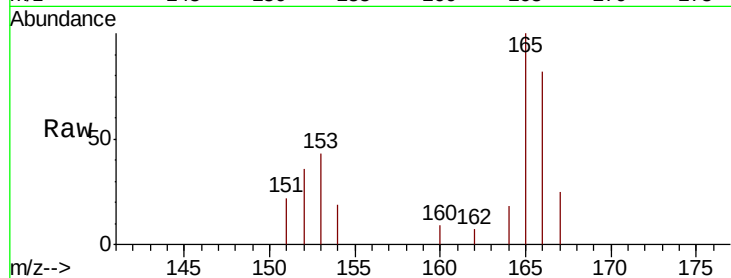
#9
Fluorene
 Concen: 1.085 ng/ul
 RT: 16.03 min Scan# 3438
 Delta R.T. 0.01 min
 Lab File: BM027817.D
 Acq: 17 Nov 2020 13:44

Instrument :
 BNA_M
 ClientSampleId :
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Tot Ion:166 Resp: 44402
 Ion Ratio Lower Upper
 166 100
 165 122.4 76.9 115.3#
 167 30.8 12.0 18.0#

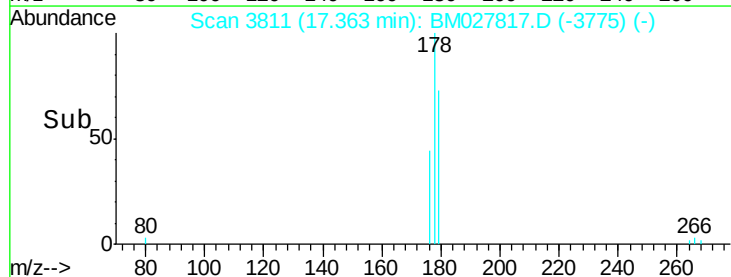
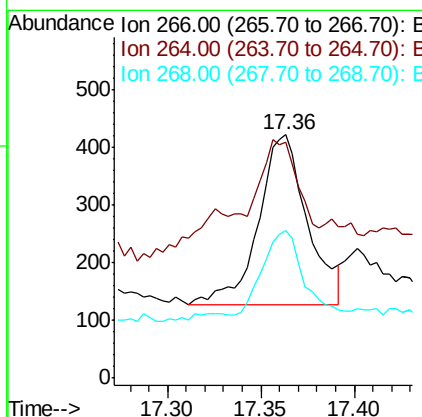
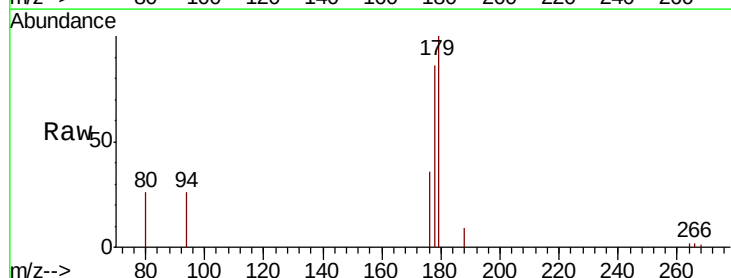
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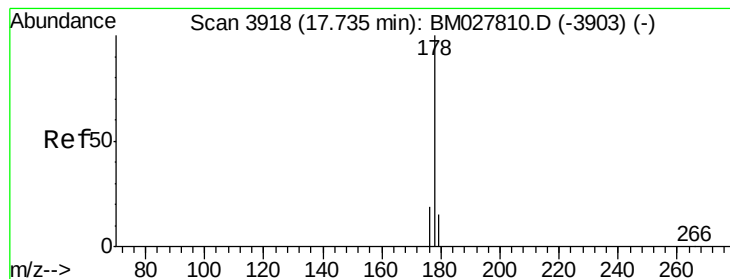
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#11
Pentachlorophenol
 Concen: 0.343 ng/ul
 RT: 17.36 min Scan# 3811
 Delta R.T. 0.02 min
 Lab File: BM027817.D
 Acq: 17 Nov 2020 13:44

Tgt Ion:266 Resp: 536
 Ion Ratio Lower Upper
 266 100
 264 52.8 49.0 73.6
 268 45.1 50.4 75.6#





#12

Phenanthrene

Concen: 45.047 ng/ul

RT: 17.75 min Scan# 3923

Delta R.T. 0.02 min

Lab File: BM027817.D

Acq: 17 Nov 2020 13:44

Instrument :

BNA_M

ClientSampleId :

C0AC8

Tot Ion:178 Resp: 635832

Ion Ratio Lower Upper

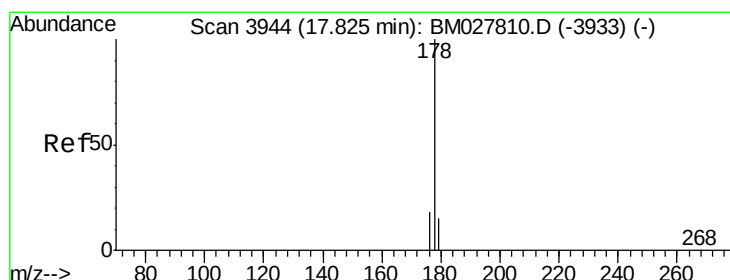
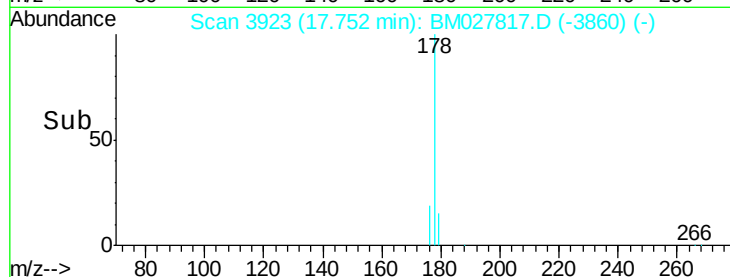
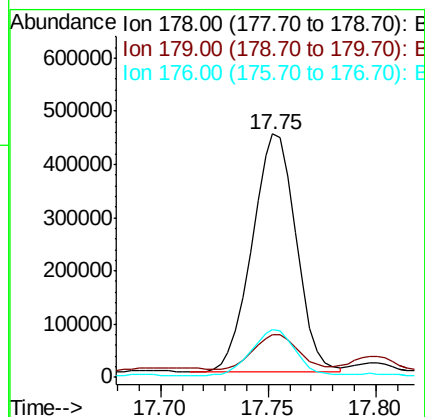
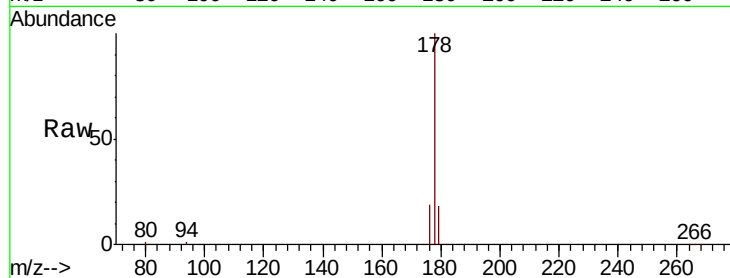
178 100

179 17.6 13.5 20.3

176 19.4 16.5 24.7

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#13

Anthracene

Concen: 5.191 ng/ul m

RT: 17.84 min Scan# 3949

Delta R.T. 0.02 min

Lab File: BM027817.D

Acq: 17 Nov 2020 13:44

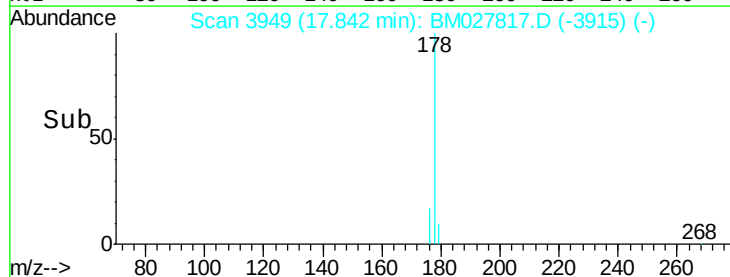
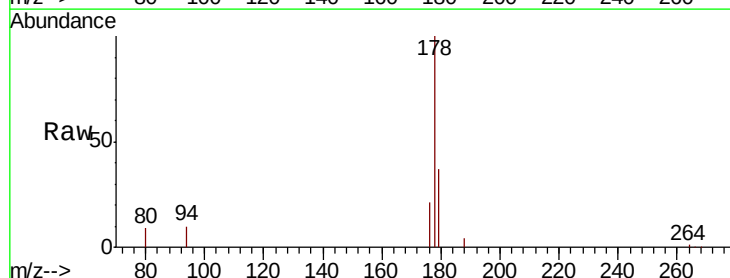
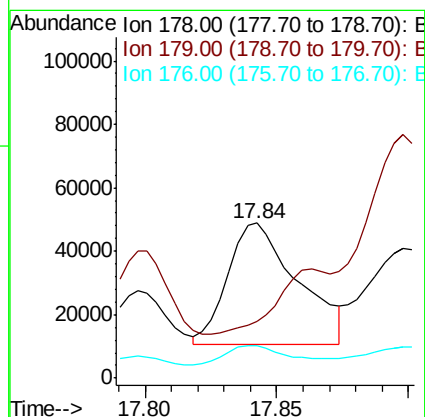
Tgt Ion:178 Resp: 71351

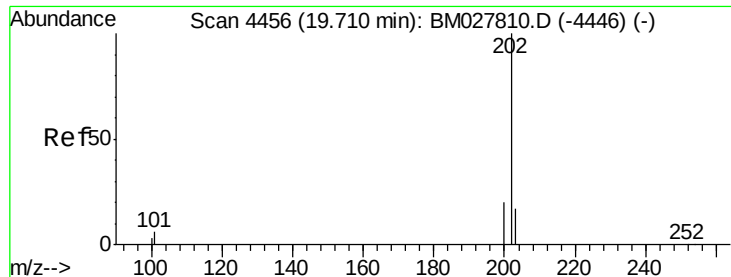
Ion Ratio Lower Upper

178 100

179 36.8 13.6 20.4#

176 21.2 15.4 23.2





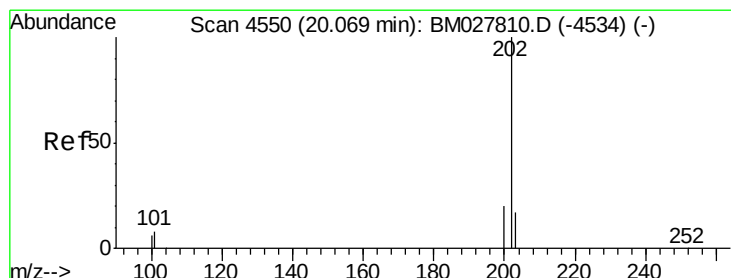
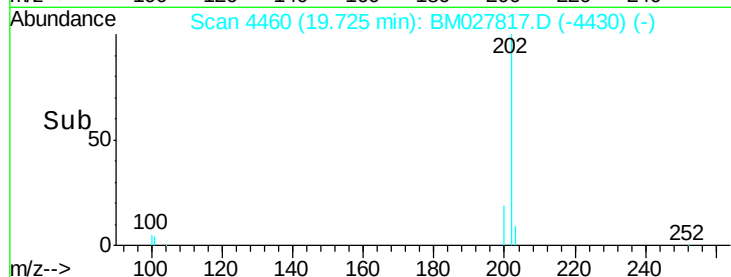
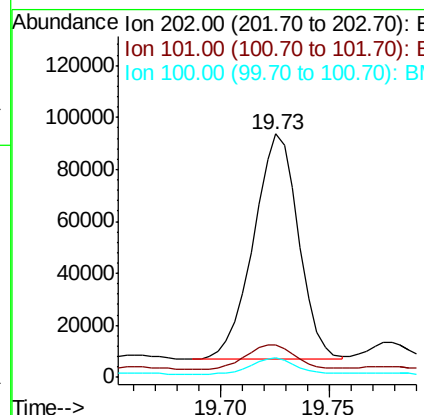
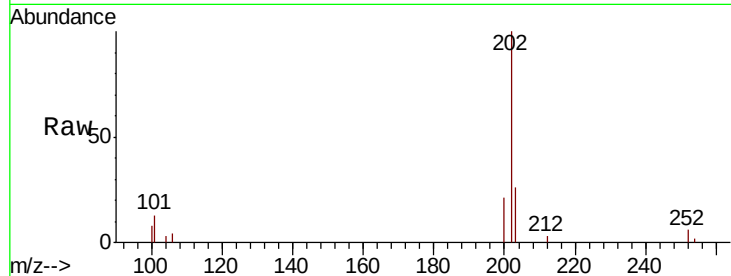
#15
Fluoranthene
Concen: 7.749 ng/ul
RT: 19.73 min Scan# 4460
Delta R.T. 0.01 min
Lab File: BM027817.D
Acq: 17 Nov 2020 13:44

Instrument :
BNA_M
ClientSampleId :
C0AC8

Tot Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	13.4	0.0	28.0
100	7.9	0.0	26.3

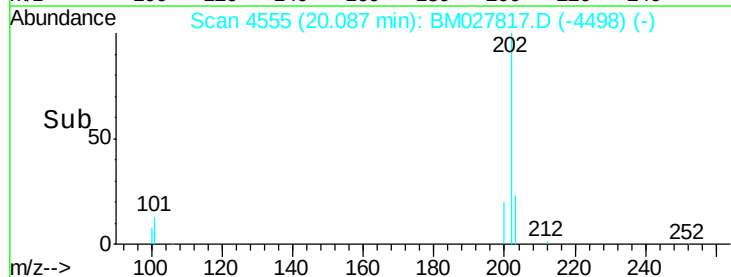
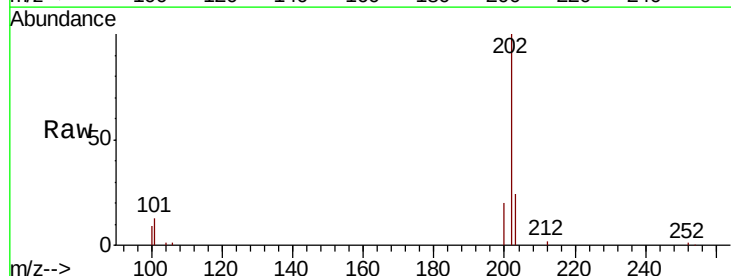
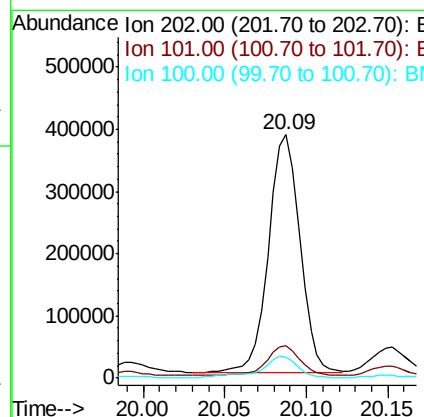
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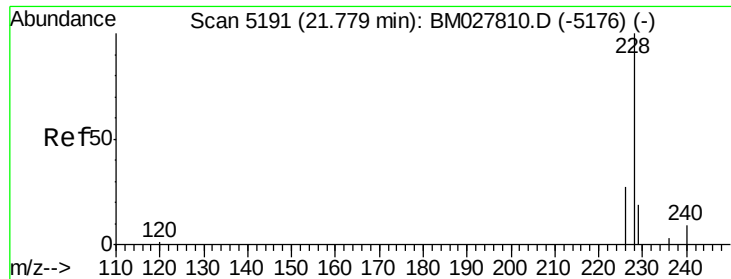
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#17
Pyrene
Concen: 21.134 ng/ul
RT: 20.09 min Scan# 4555
Delta R.T. 0.02 min
Lab File: BM027817.D
Acq: 17 Nov 2020 13:44

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	13.3	6.4	9.6#
100	8.5	5.8	8.6





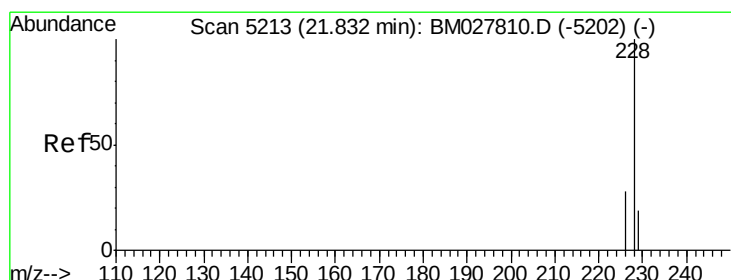
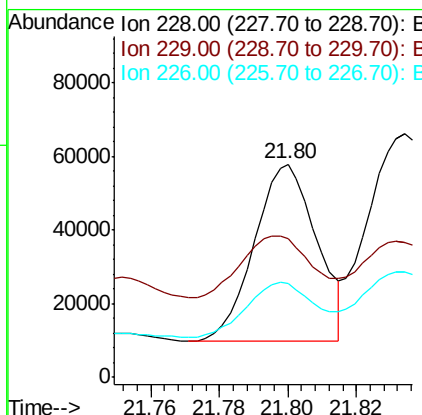
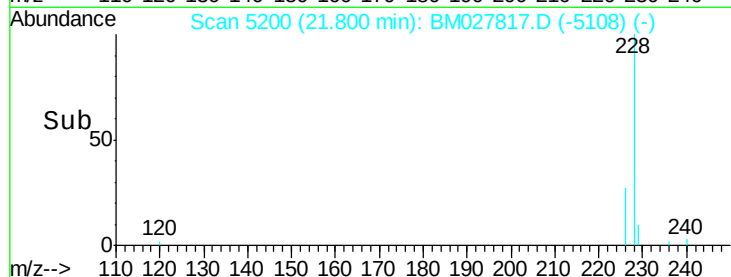
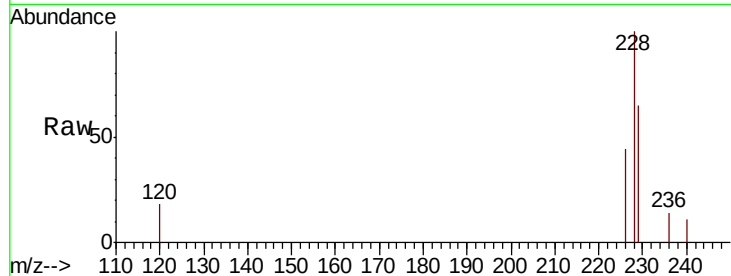
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Benzo(a)anthracene
Concen: 2.803 ng/ul
RT: 21.80 min Scan# 5200
Delta R.T. 0.02 min
Lab File: BM027817.D
Acq: 17 Nov 2020 13:44

Instrument :
BNA_M
ClientSampleId :
C0AC8

Tot Ion:228 Resp: 61138
Ion Ratio Lower Upper
228 100
229 64.8 15.9 23.9#
226 44.0 22.0 33.0#

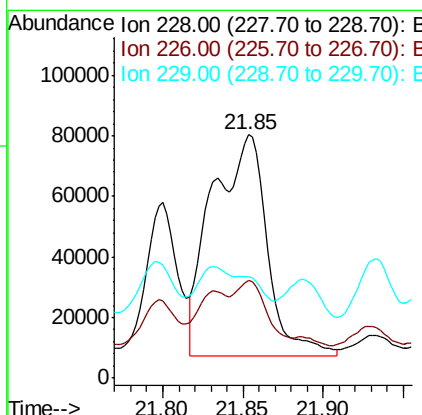
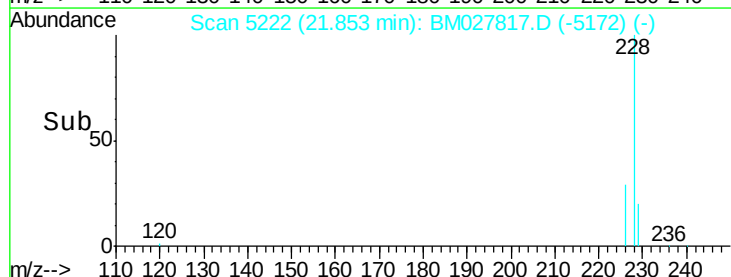
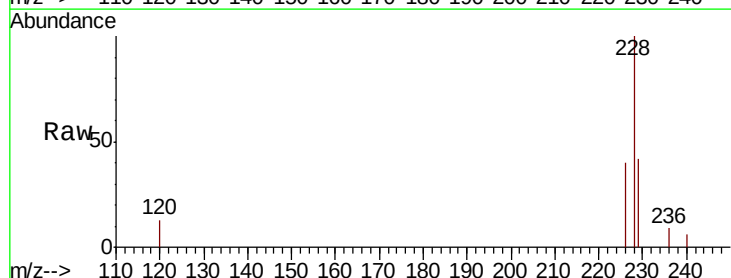
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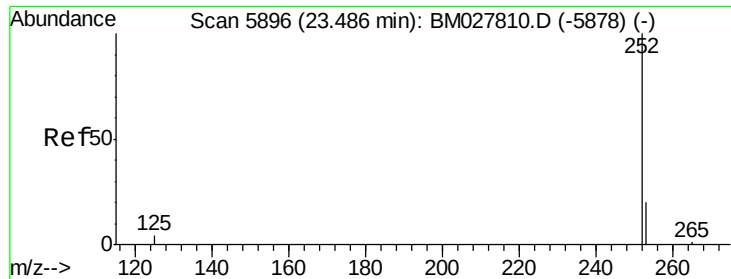
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#19
Chrysene
Concen: 7.903 ng/ul m
RT: 21.85 min Scan# 5222
Delta R.T. 0.02 min
Lab File: BM027817.D
Acq: 17 Nov 2020 13:44

Tgt Ion:228 Resp: 175603
Ion Ratio Lower Upper
228 100
226 40.3 24.2 36.2#
229 41.8 16.8 25.2#





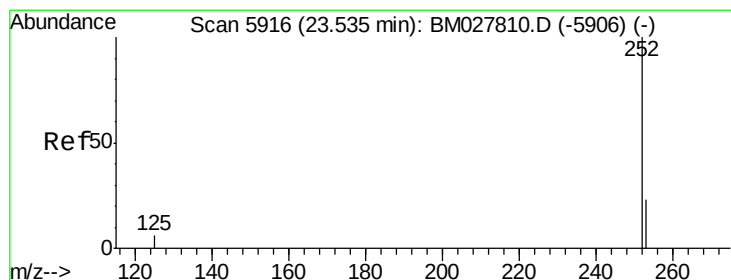
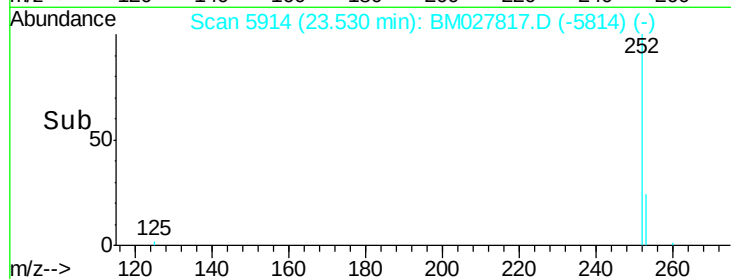
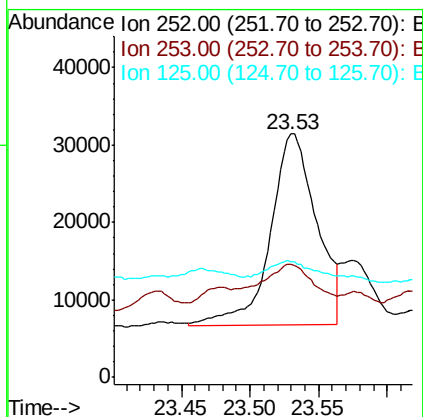
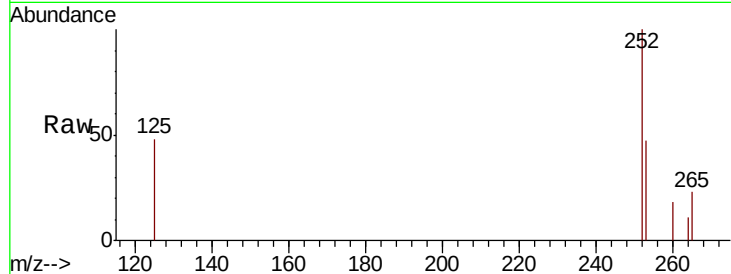
#21
Benzo(b)fluoranthene
Concen: 4.469 ng/ul m
RT: 23.53 min Scan# 5914
Delta R.T. 0.04 min
Lab File: BM027817.D
Acq: 17 Nov 2020 13:44

Instrument :
BNA_M
ClientSampleId :
C0AC8

Tot Ion	Ratio	Lower	Upper
252	100		
253	46.7	0.0	52.2
125	47.5	0.0	17.6

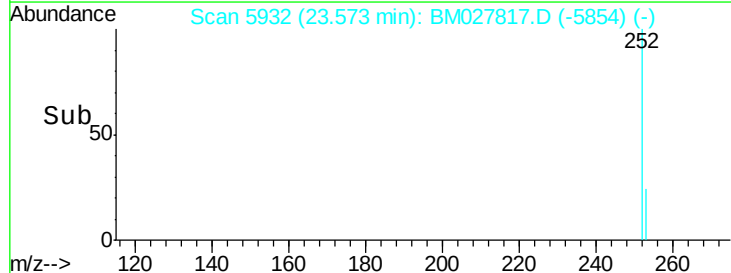
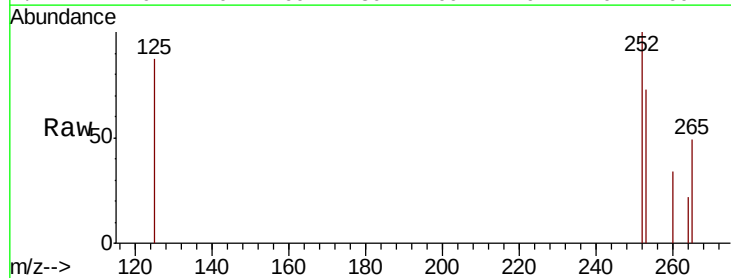
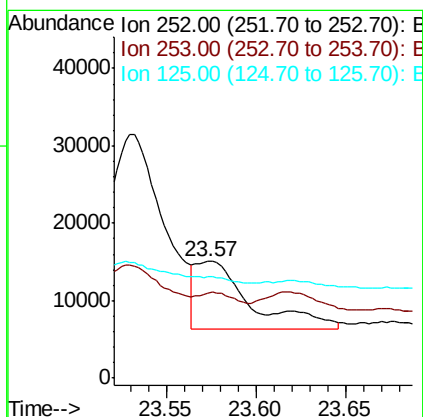
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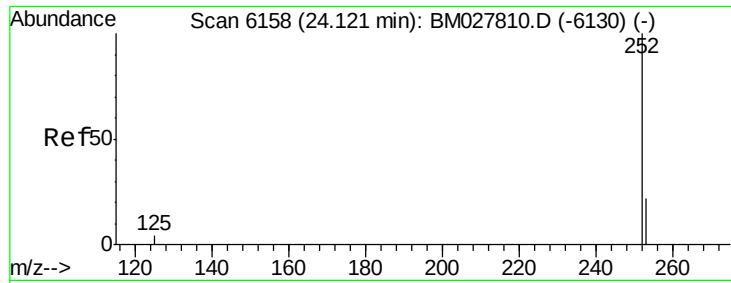
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#22
Benzo(k)fluoranthene
Concen: 1.508 ng/ul m
RT: 23.57 min Scan# 5932
Delta R.T. 0.04 min
Lab File: BM027817.D
Acq: 17 Nov 2020 13:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	72.8	20.4	30.6
125	86.9	7.0	10.4





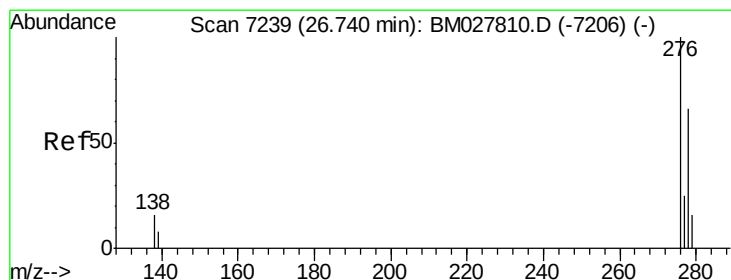
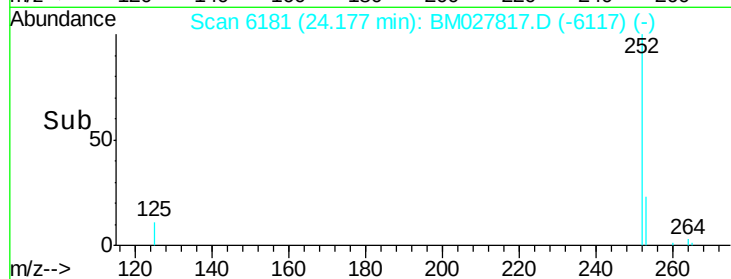
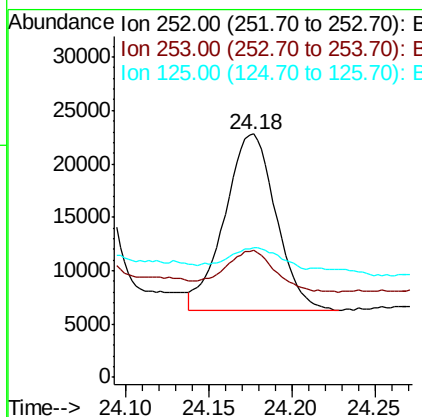
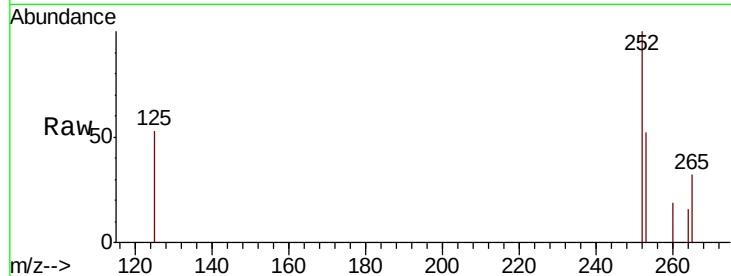
#23
Benzo(a)pyrene
Concen: 3.121 ng/ul
RT: 24.18 min Scan# 6181
Delta R.T. 0.06 min
Lab File: BM027817.D
Acq: 17 Nov 2020 13:44

Instrument :
BNA_M
ClientSampleId :
C0AC8

Tot Ion	Ratio	Lower	Upper
252	100		
253	52.1	21.0	31.6#
125	53.1	7.8	11.8#

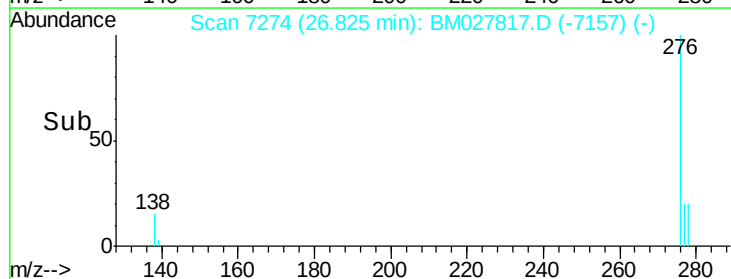
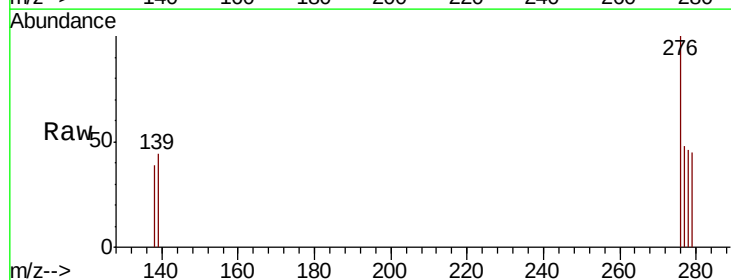
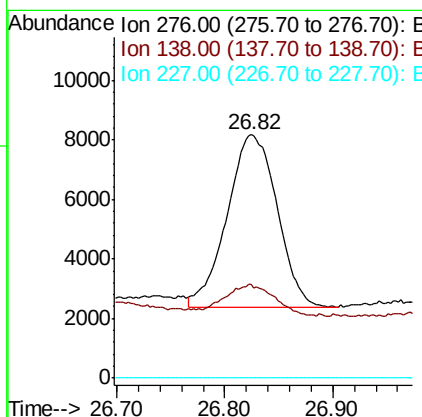
Manual Integrations
APPROVED

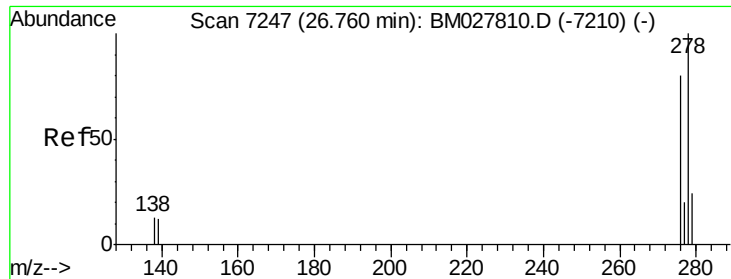
mohammad
11/19/2020 10:33:07 AM



#24
Indeno(1,2,3-cd)pyrene
Concen: 1.425 ng/ul
RT: 26.82 min Scan# 7274
Delta R.T. 0.08 min
Lab File: BM027817.D
Acq: 17 Nov 2020 13:44

Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.2	12.1	18.1#
227	0.0	0.0	0.0





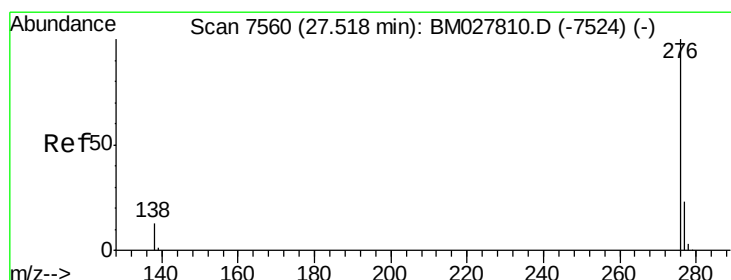
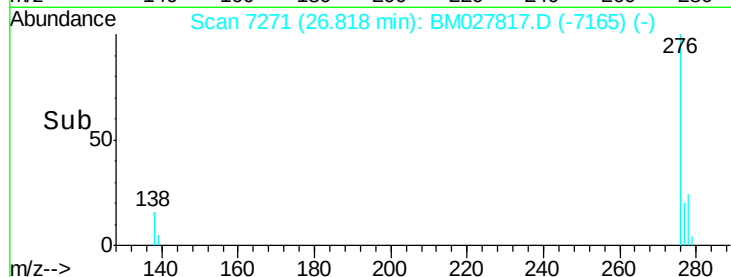
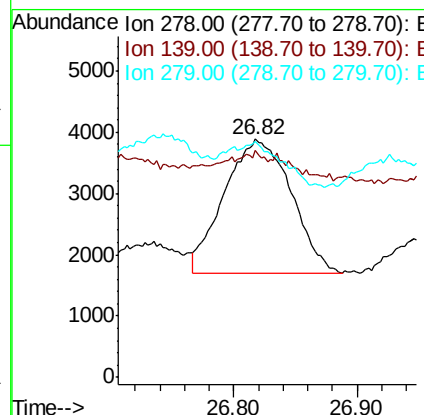
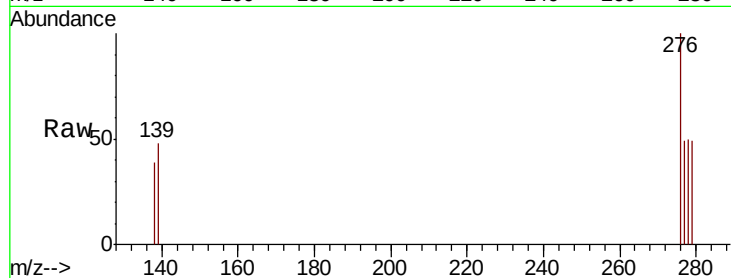
#25
Dibenzo(a,h)anthracene
Concen: 0.757 ng/ul
RT: 26.82 min Scan# 7271
Delta R.T. 0.06 min
Lab File: BM027817.D
Acq: 17 Nov 2020 13:44

Instrument :
BNA_M
ClientSampleId :
C0AC8

Tot Ion	Ratio	Lower	Upper
278	100		
139	95.5	10.2	15.4#
279	98.9	21.9	32.9#

Manual Integrations
APPROVED

mohammad
11/19/2020 10:33:07 AM



#26
Benzo(g,h,i)perylene
Concen: 2.771 ng/ul
RT: 27.62 min Scan# 7601
Delta R.T. 0.10 min
Lab File: BM027817.D
Acq: 17 Nov 2020 13:44

Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.7	12.8	19.2#
277	39.1	21.5	32.3#

