

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112320\
 Data File : BM027919.D
 Acq On : 23 Nov 2020 18:37
 Operator : JU/CG
 Sample : L4711-13DL 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0B65DL

Manual Integrations
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Quant Time: Nov 24 00:52:41 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 24 00:42:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	1137	0.40	ng/ul	0.00
2) Naphthalene-d8	11.16	136	4597	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.94	164	2795	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.66	188	5477	0.40	ng/ul	0.00
16) Chrysene-d12	21.76	240	3285	0.40	ng/ul	0.00
20) Perylene-d12	24.18	264	2745	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.73	152	425	0.05	ng/ul	0.00
14) Fluoranthene-d10	19.65	212	734	0.05	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.22	128	404	0.029	ng/ul#	68
5) 2-Methylnaphthalene	12.80	142	200	0.021	ng/ul	95
7) Acenaphthylene	14.67	152	328	0.024	ng/ul#	60
8) Acenaphthene	15.00	153	729	0.071	ng/ul	97
9) Fluorene	15.98	166	1082	0.091	ng/ul#	98
12) Phenanthrene	17.70	178	43026	2.487	ng/ul	97
13) Anthracene	17.79	178	6182	0.370	ng/ul	100
15) Fluoranthene	19.68	202	117899	6.146	ng/ul	100
17) Pyrene	20.04	202	93079	5.579	ng/ul	99
18) Benzo(a)anthracene	21.75	228	41135	3.104	ng/ul	100
19) Chrysene	21.80	228	47300	3.664	ng/ul	99
21) Benzo(b)fluoranthene	23.45	252	53762m	4.660	ng/ul	
22) Benzo(k)fluoranthene	23.49	252	17866m	1.581	ng/ul	
23) Benzo(a)pyrene	24.08	252	34227	3.393	ng/ul#	85
24) Indeno(1,2,3-cd)pyrene	26.68	276	22588	2.068	ng/ul#	96
25) Dibenzo(a,h)anthracene	26.68	278	5581	0.614	ng/ul	96
26) Benzo(a,h,i)perylene	27.45	276	21509	2.348	ng/ul	94

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

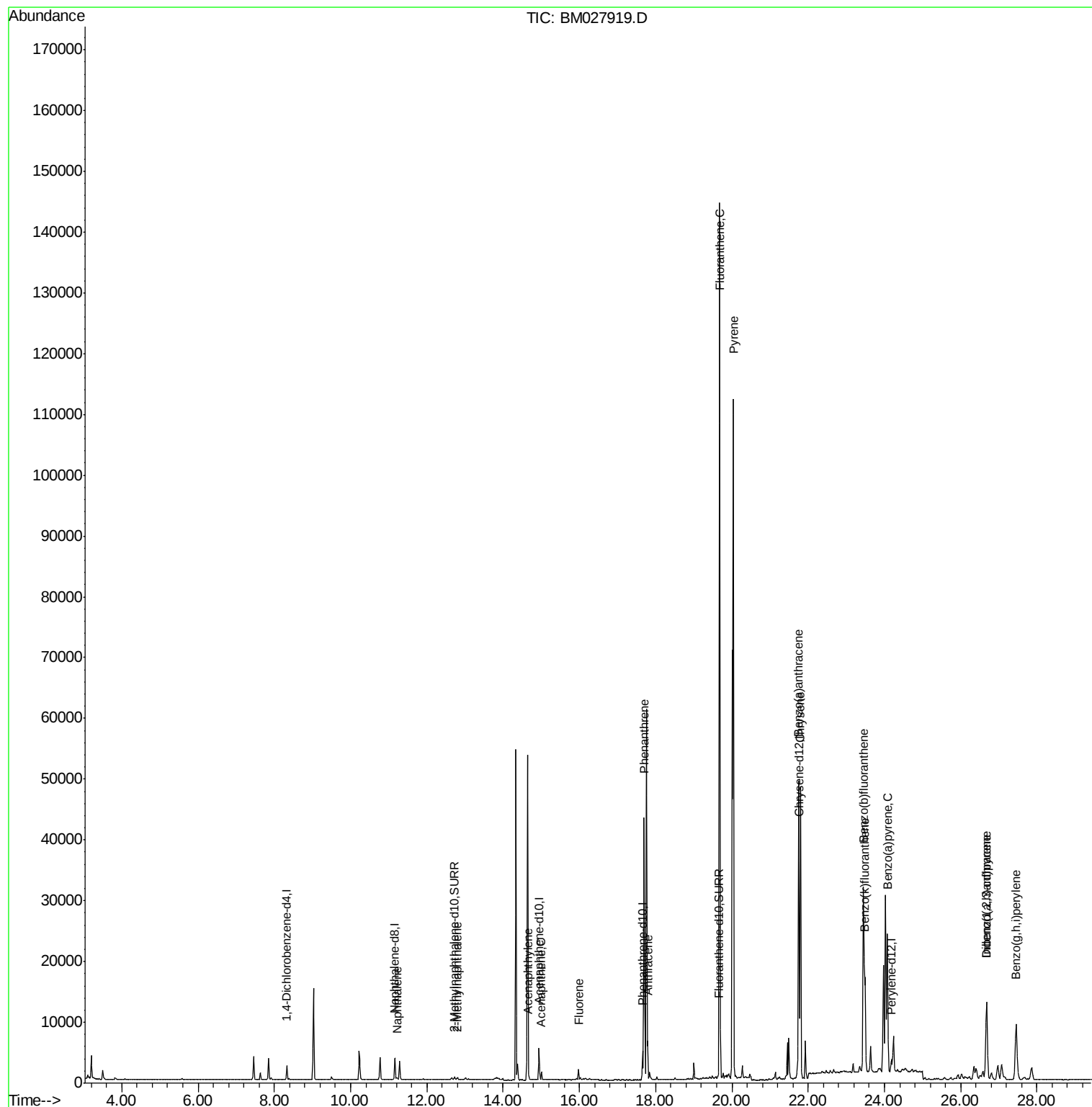
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112320\
Data File : BM027919.D
Acq On : 23 Nov 2020 18:37
Operator : JU/CG
Sample : L4711-13DL 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

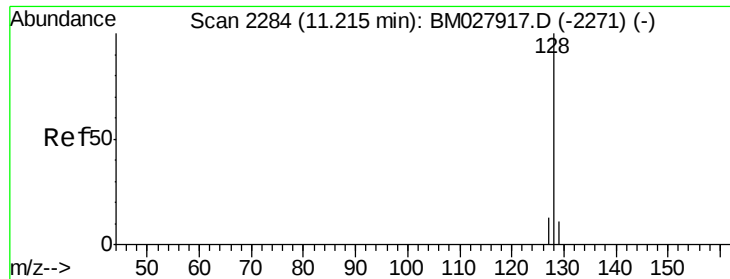
Instrument :
BNA_M
ClientSampleId :
C0B65DL

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Quant Time: Nov 24 00:52:41 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 24 00:42:23 2020
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.029 ng/ul

RT: 11.22 min Scan# 2284

Delta R.T. 0.00 min

Lab File: BM027919.D

Acq: 23 Nov 2020 18:37

Instrument :

BNA_M

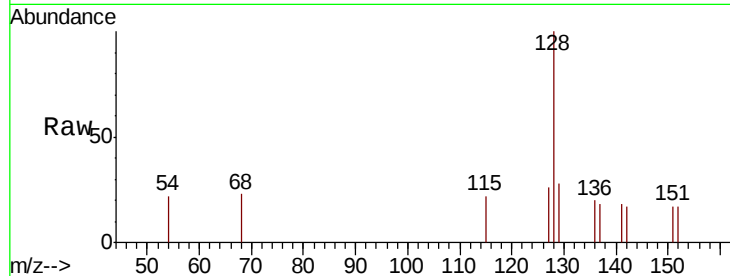
ClientSampleId :

C0B65DL

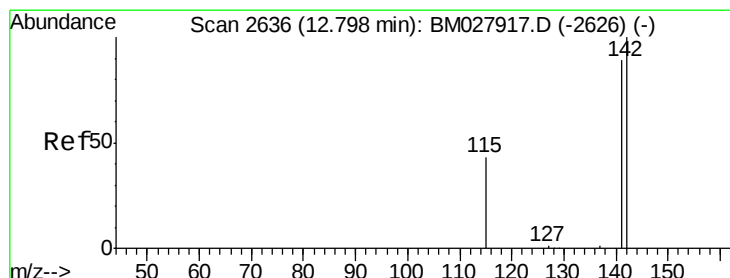
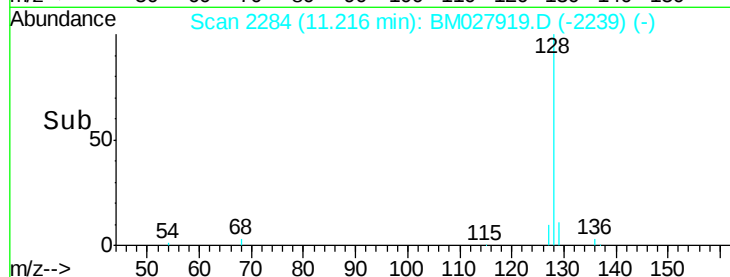
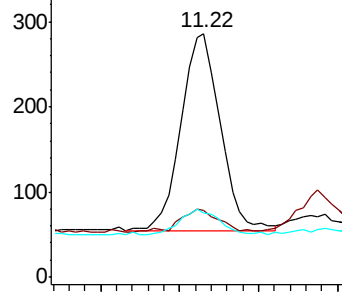
Tot Ion:	128	Resp:	404
Ion	Ratio	Lower	Upper
128	100		
129	27.6	10.4	15.6#
127	26.2	12.0	18.0#

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.021 ng/ul

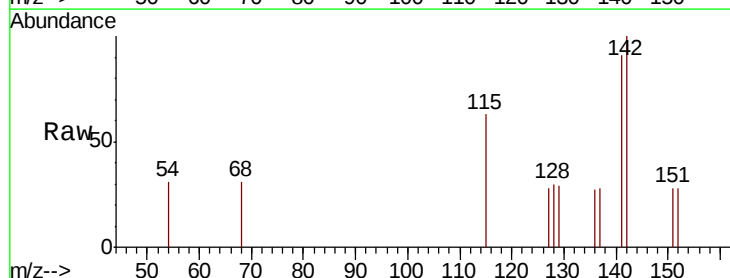
RT: 12.80 min Scan# 2636

Delta R.T. 0.00 min

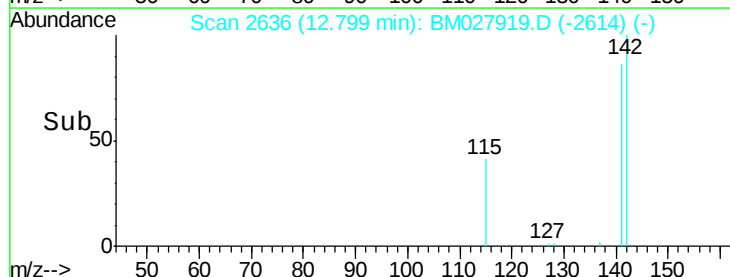
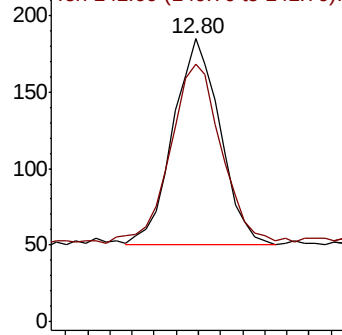
Lab File: BM027919.D

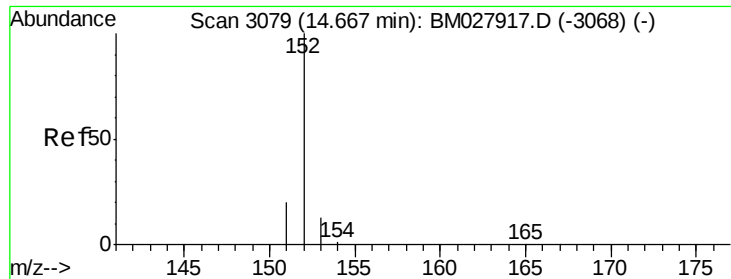
Acq: 23 Nov 2020 18:37

Tgt Ion:	142	Resp:	200
Ion	Ratio	Lower	Upper
142	100		
141	94.5	71.6	107.4



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.024 ng/ul

RT: 14.67 min Scan# 3080

Delta R.T. 0.00 min

Lab File: BM027919.D

Acq: 23 Nov 2020 18:37

Instrument :

BNA_M

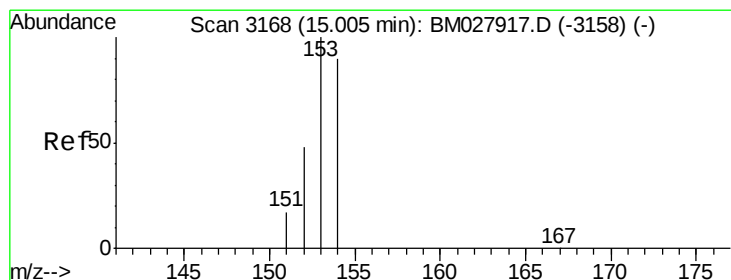
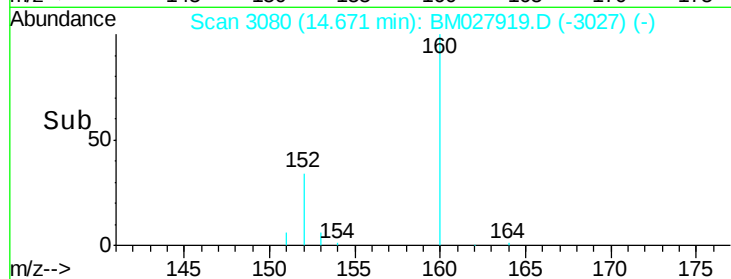
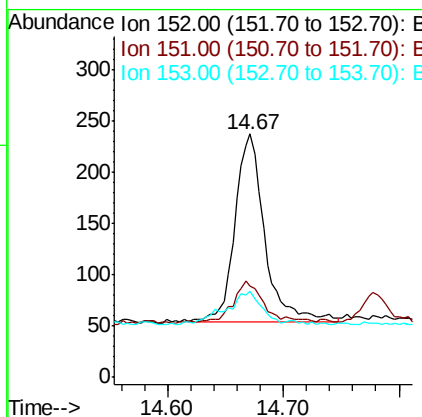
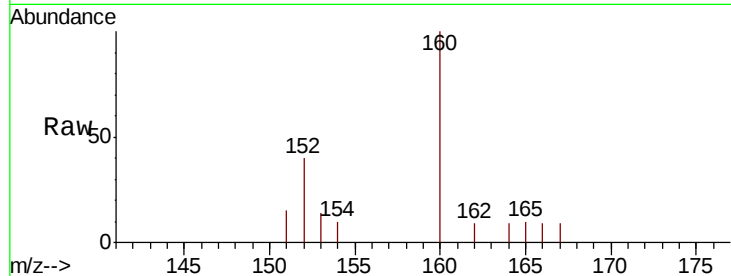
ClientSampleId :

C0B65DL

Tot Ion:	152	Resp:	328
Ion Ratio	Lower	Upper	
152	100		
151	37.6	17.1	25.7#
153	35.4	12.0	18.0#

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#8

Acenaphthene

Concen: 0.071 ng/ul

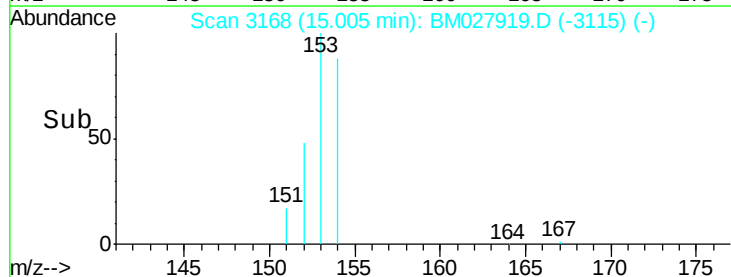
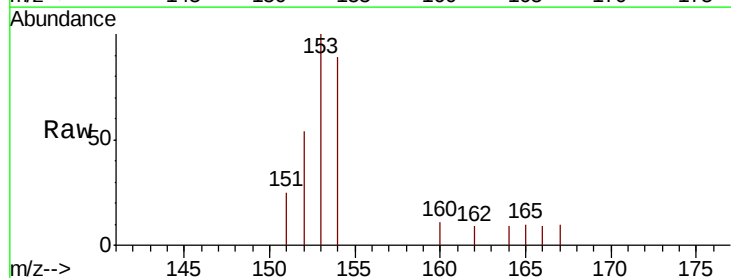
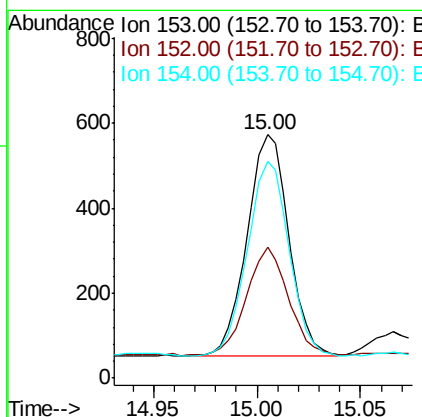
RT: 15.00 min Scan# 3168

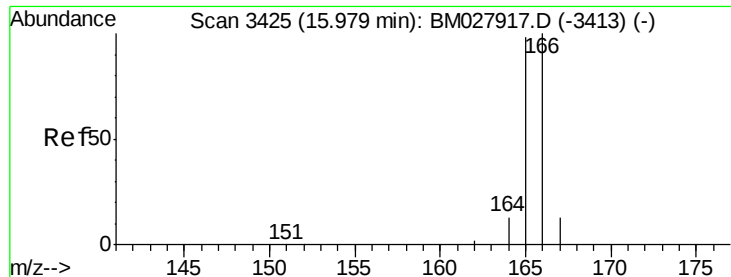
Delta R.T. 0.00 min

Lab File: BM027919.D

Acq: 23 Nov 2020 18:37

Tgt Ion:	153	Resp:	729
Ion Ratio	Lower	Upper	
153	100		
152	53.9	39.0	58.6
154	89.0	71.6	107.4





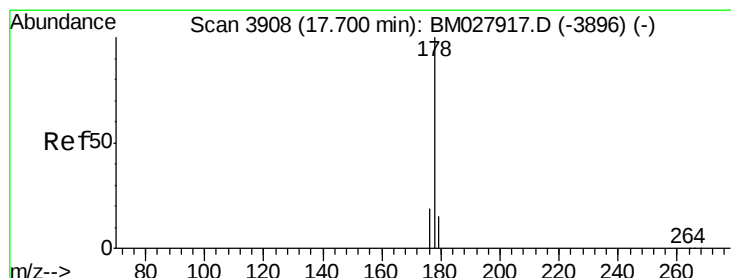
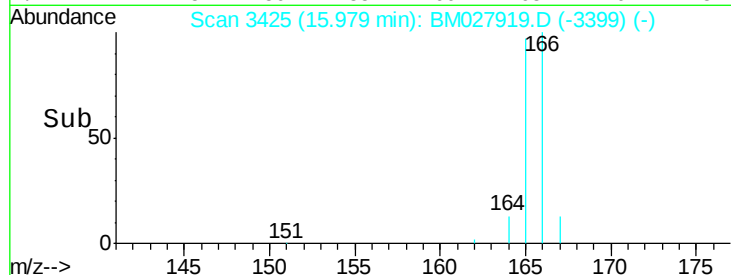
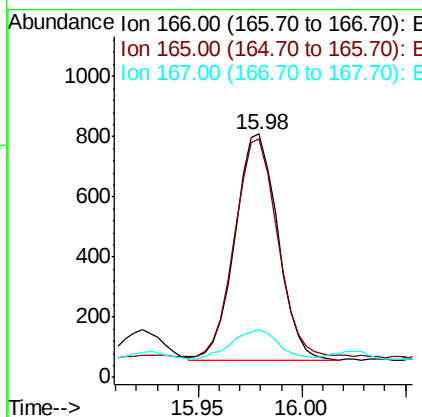
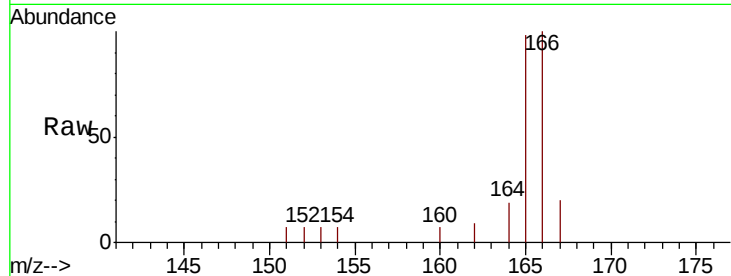
#9
Fluorene
 Concen: 0.091 ng/ul
 RT: 15.98 min Scan# 3425
 Delta R.T. 0.00 min
 Lab File: BM027919.D
 Acq: 23 Nov 2020 18:37

Instrument :
 BNA_M
 ClientSampleID :
 C0B65DL

Tot Ion	Ratio	Lower	Upper
166	100		
165	97.9	78.1	117.1
167	19.9	11.8	17.8

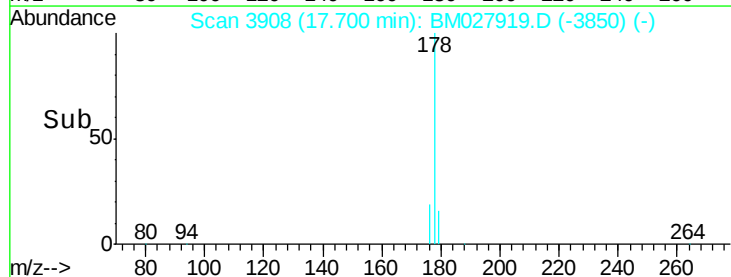
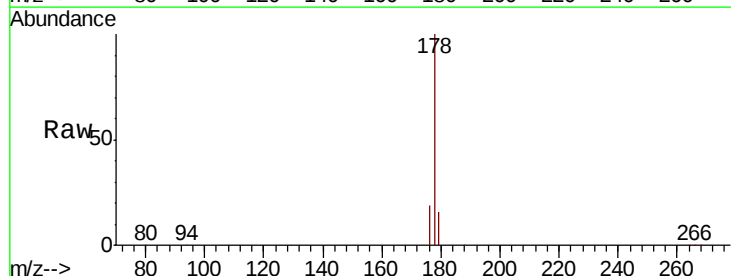
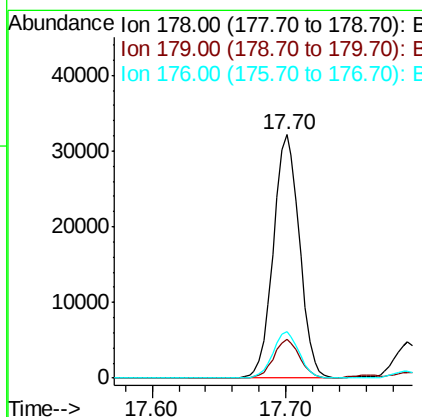
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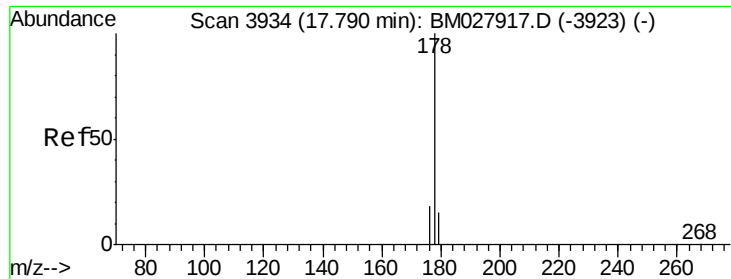
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#12
Phenanthrene
 Concen: 2.487 ng/ul
 RT: 17.70 min Scan# 3908
 Delta R.T. 0.00 min
 Lab File: BM027919.D
 Acq: 23 Nov 2020 18:37

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.7	13.6	20.4
176	19.0	16.1	24.1





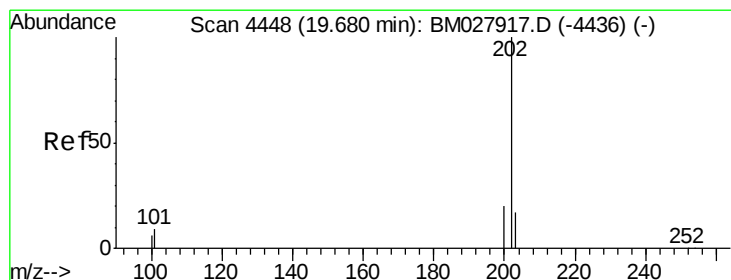
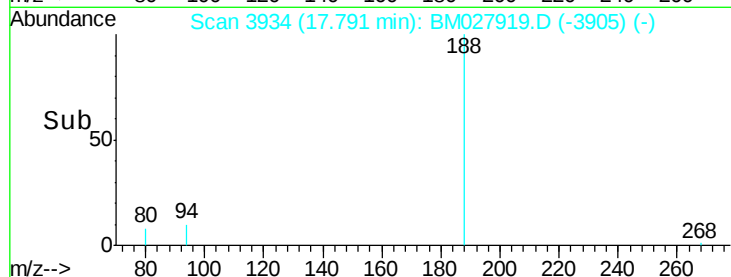
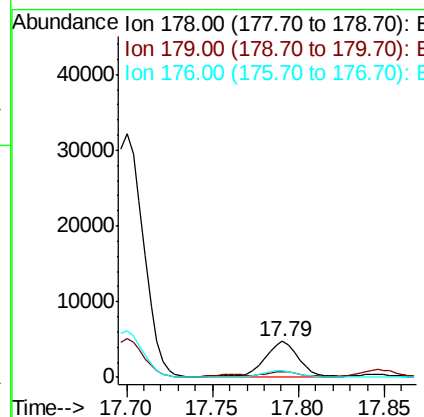
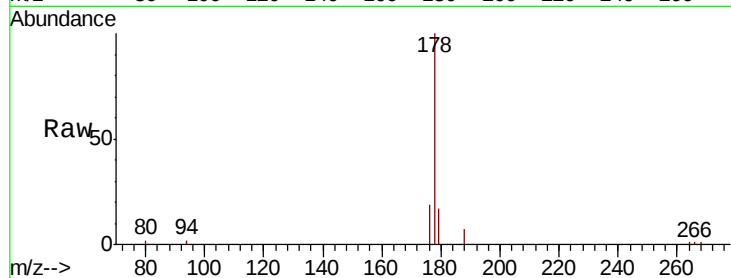
#13
 Anthracene
 Concen: 0.370 ng/ul
 RT: 17.79 min Scan# 3934
 Delta R.T. 0.00 min
 Lab File: BM027919.D
 Acq: 23 Nov 2020 18:37

Instrument :
 BNA_M
 ClientSampleId :
 C0B65DL

Tot Ion:178 Resp: 6182
 Ion Ratio Lower Upper
 178 100
 179 16.7 13.4 20.2
 176 18.7 15.0 22.6

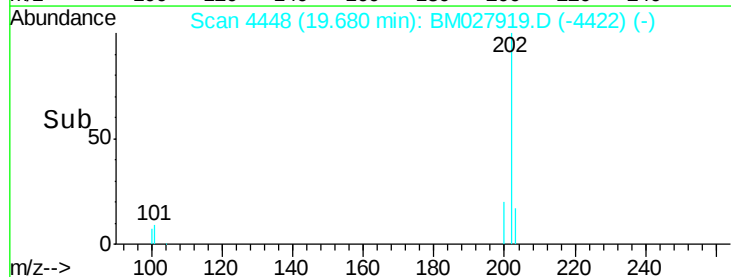
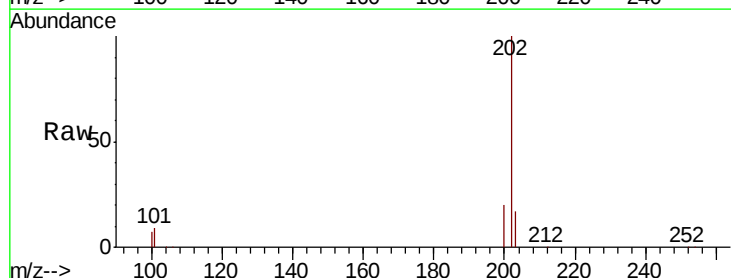
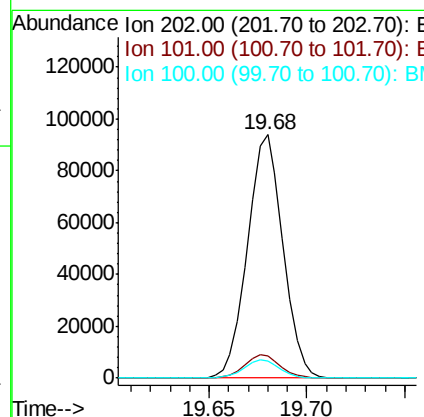
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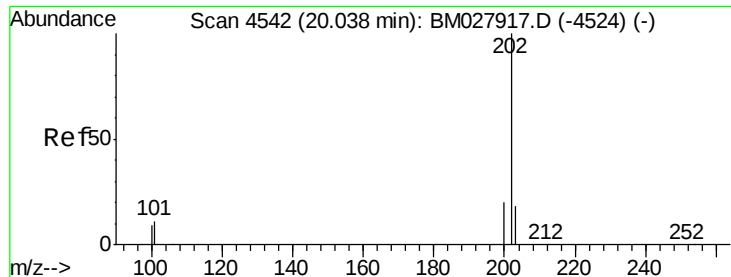
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#15
 Fluoranthene
 Concen: 6.146 ng/ul
 RT: 19.68 min Scan# 4448
 Delta R.T. 0.00 min
 Lab File: BM027919.D
 Acq: 23 Nov 2020 18:37

Tgt Ion:202 Resp: 117899
 Ion Ratio Lower Upper
 202 100
 101 9.2 0.0 29.3
 100 7.2 0.0 27.4





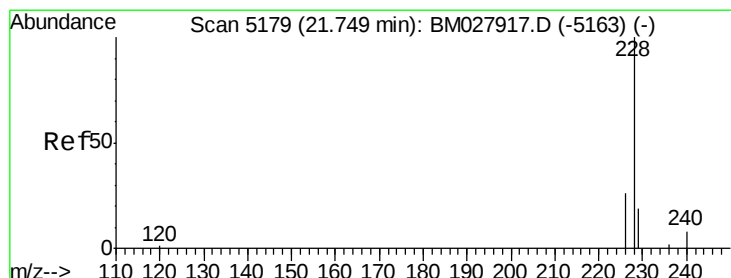
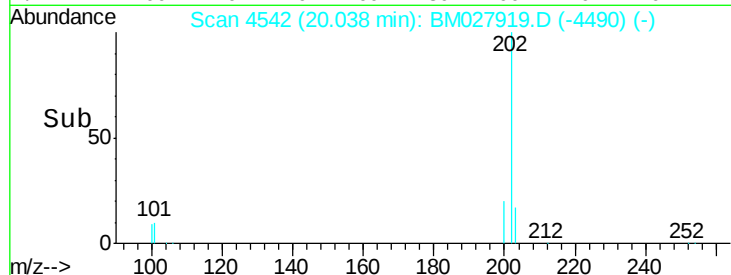
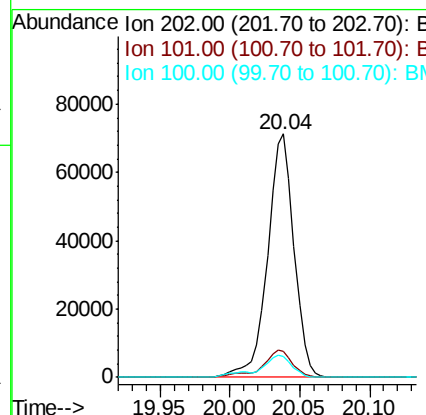
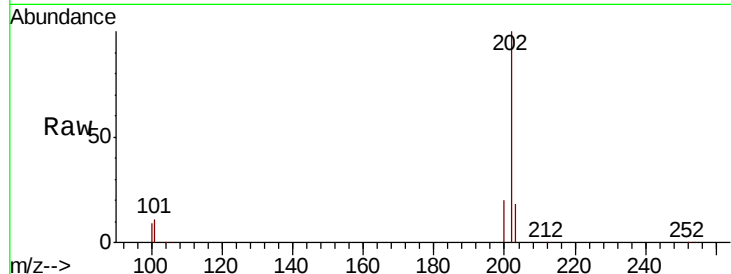
#17
Pvrene
Concen: 5.579 ng/ul
RT: 20.04 min Scan# 4542
Delta R.T. 0.00 min
Lab File: BM027919.D
Acq: 23 Nov 2020 18:37

Instrument :
BNA_M
ClientSampleId :
C0B65DL

Tot Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	10.5	8.2	12.2
100	8.7	6.9	10.3

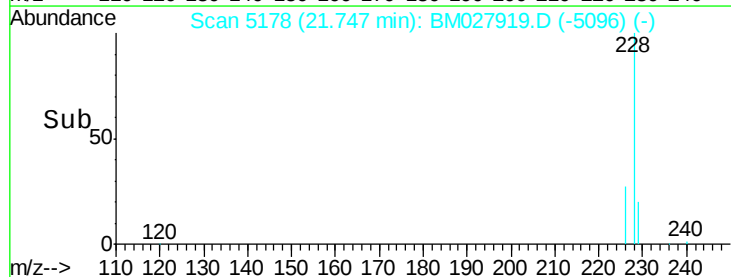
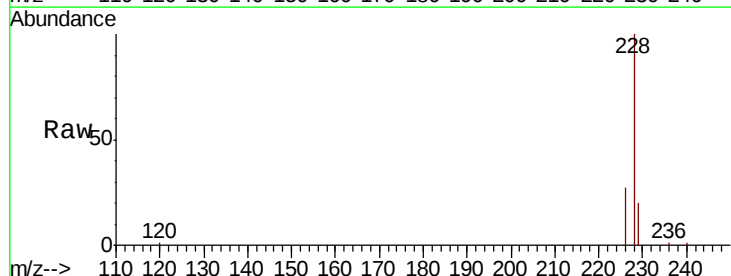
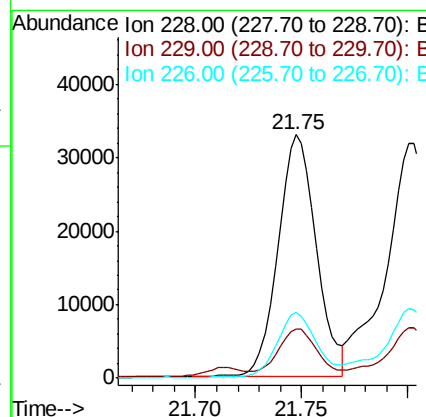
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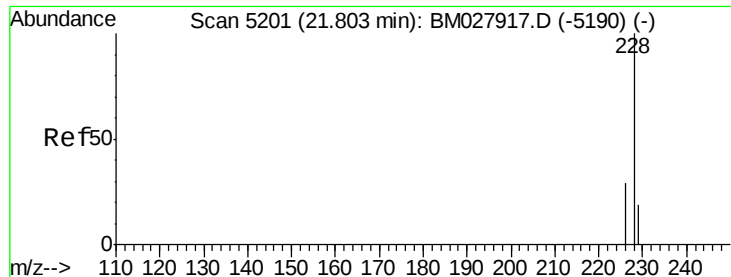
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#18
Benzo(a)anthracene
Concen: 3.104 ng/ul
RT: 21.75 min Scan# 5178
Delta R.T. -0.00 min
Lab File: BM027919.D
Acq: 23 Nov 2020 18:37

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	20.4	16.2	24.4
226	27.0	21.5	32.3





#19

Chrysene

Concen: 3.664 ng/ul

RT: 21.80 min Scan# 5200

Delta R.T. -0.00 min

Lab File: BM027919.D

Acq: 23 Nov 2020 18:37

Instrument :

BNA_M

ClientSampleId :

C0B65DL

Tot Ion:228 Resp: 47300

Ion Ratio Lower Upper

228 100

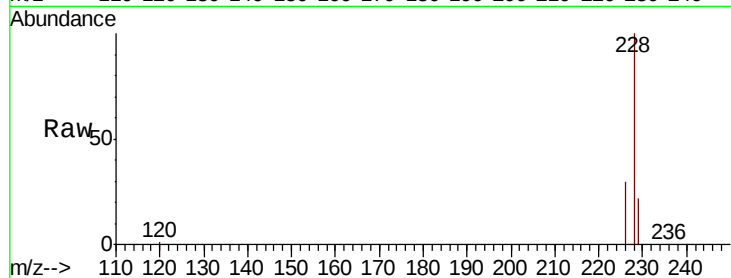
226 29.6 24.1 36.1

229 21.5 16.6 24.8

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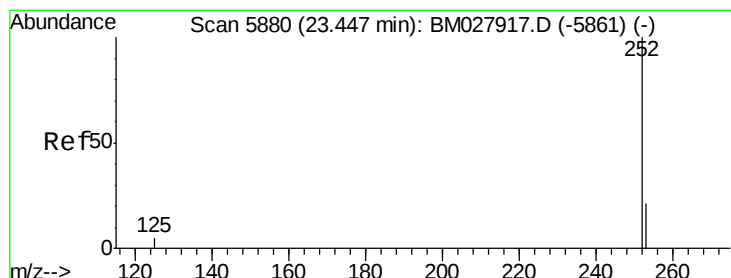
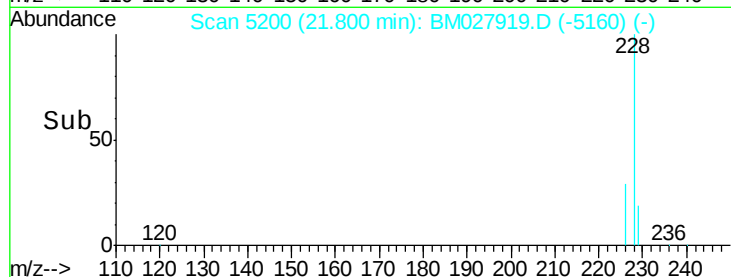
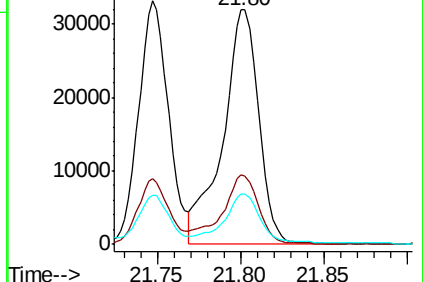
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#21

Benzo(b)fluoranthene

Concen: 4.660 ng/ul m

RT: 23.45 min Scan# 5881

Delta R.T. 0.00 min

Lab File: BM027919.D

Acq: 23 Nov 2020 18:37

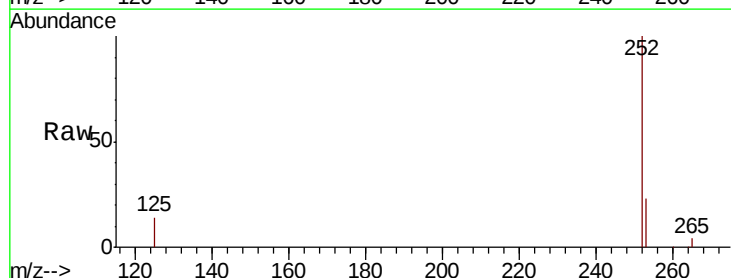
Tgt Ion:252 Resp: 53762

Ion Ratio Lower Upper

252 100

253 23.4 0.0 59.6

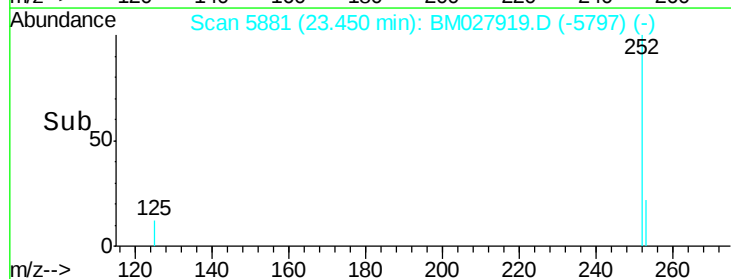
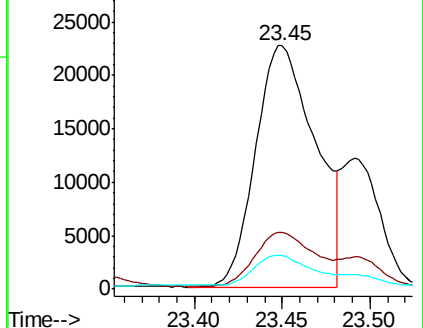
125 13.8 0.0 28.4

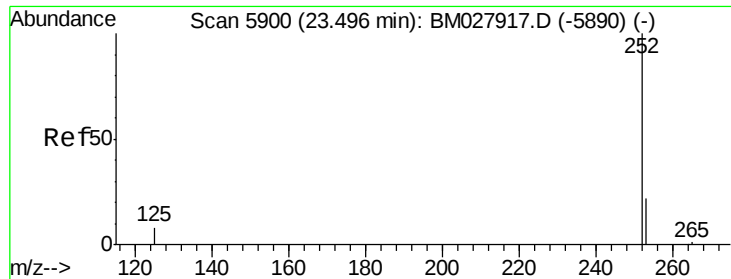


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 1.581 ng/ul

RT: 23.49 min Scan# 5898

Delta R.T. -0.00 min

Lab File: BM027919.D

Acq: 23 Nov 2020 18:37

Instrument :

BNA_M

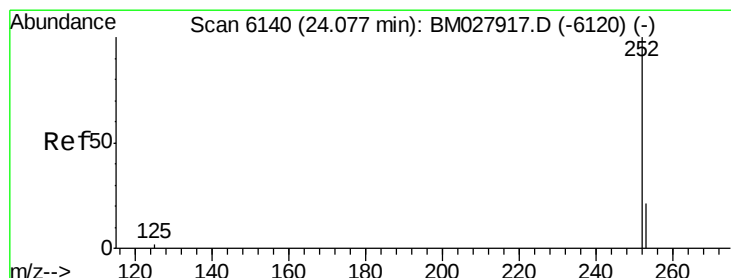
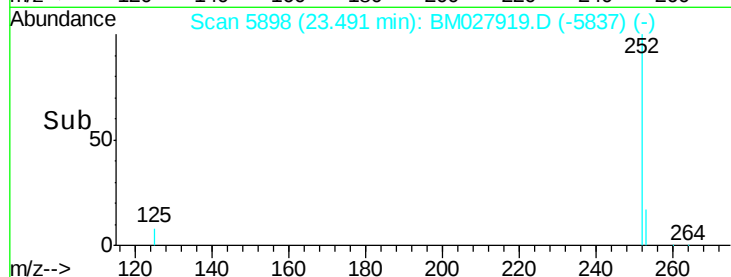
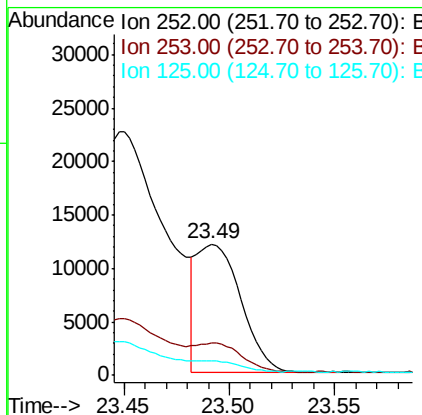
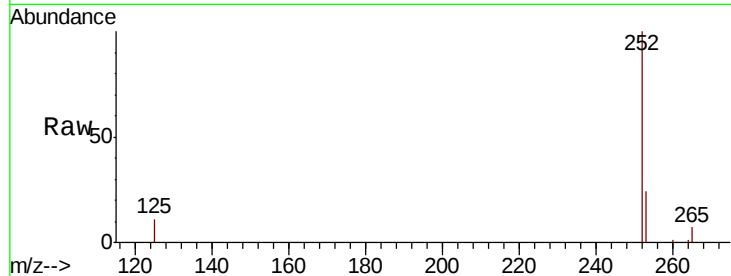
ClientSampleId :

C0B65DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.3	23.2	34.8
125	10.8	11.8	17.6

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#23

Benzo(a)pyrene

Concen: 3.393 ng/ul

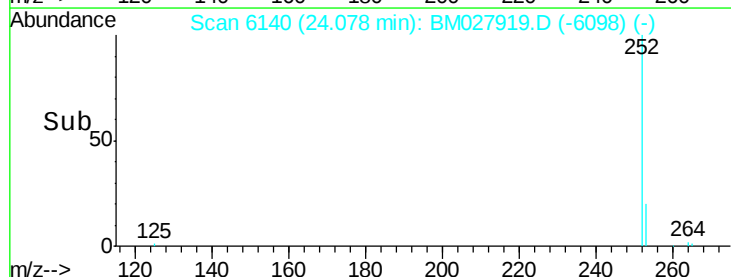
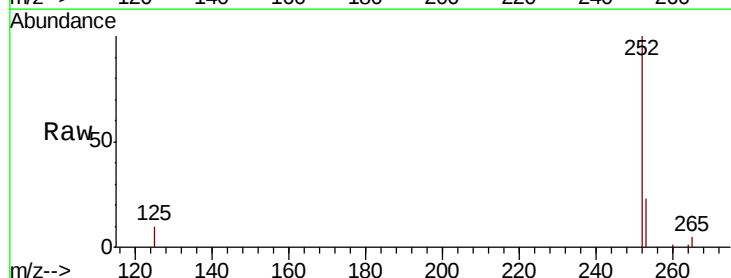
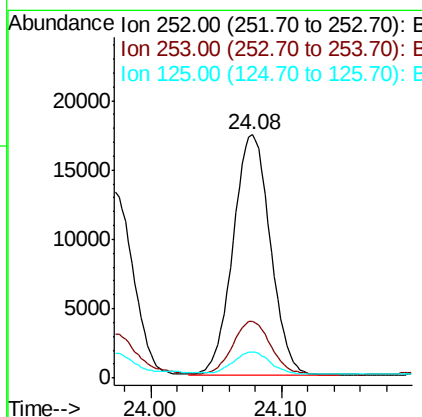
RT: 24.08 min Scan# 6140

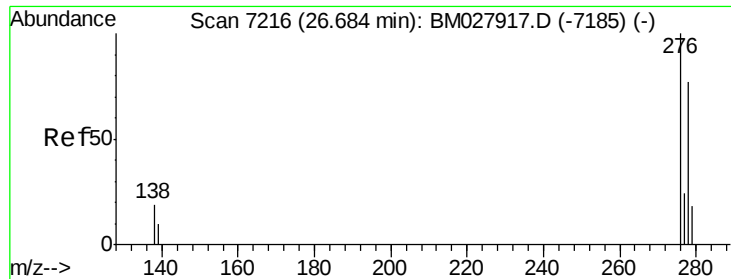
Delta R.T. 0.00 min

Lab File: BM027919.D

Acq: 23 Nov 2020 18:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	25.2	37.8
125	10.5	13.8	20.6





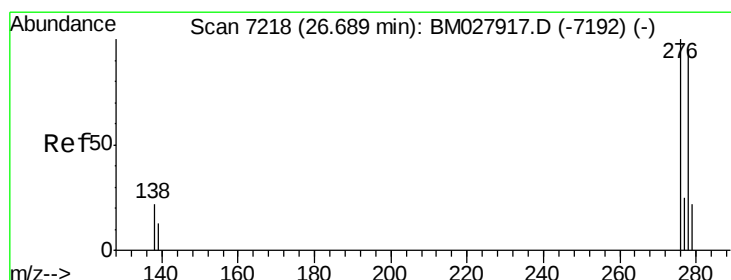
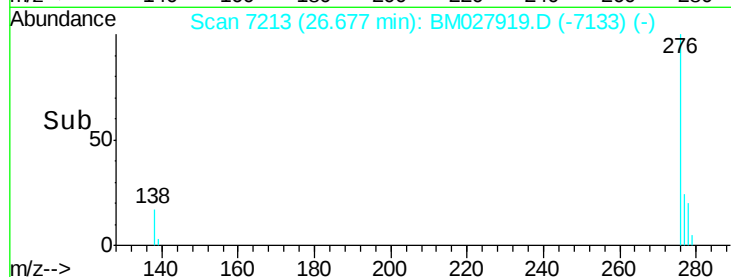
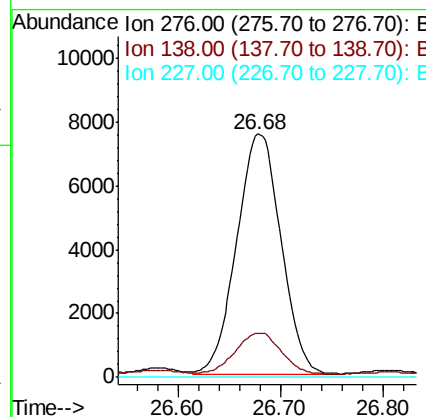
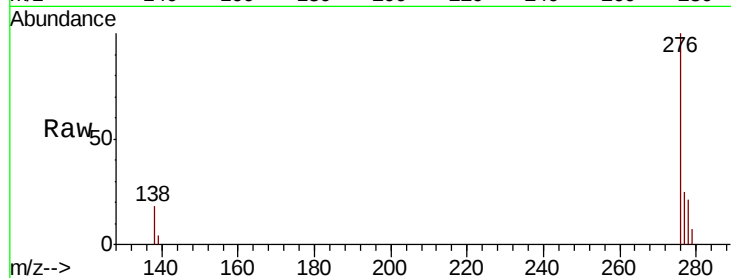
#24
Indeno(1,2,3-cd)pyrene
Concen: 2.068 ng/uL
RT: 26.68 min Scan# 7213
Delta R.T. -0.01 min
Lab File: BM027919.D
Acq: 23 Nov 2020 18:37

Instrument :
BNA_M
ClientSampleId :
C0B65DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	17.7	15.7	23.5
227	0.0	0.0	0.0

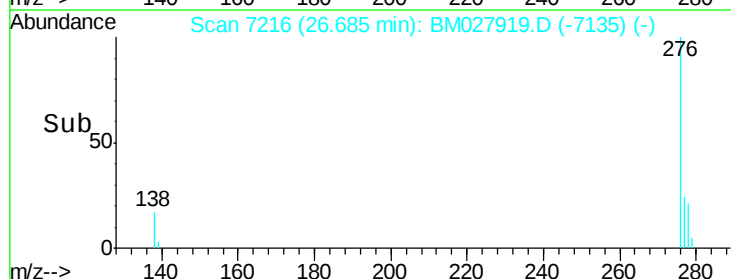
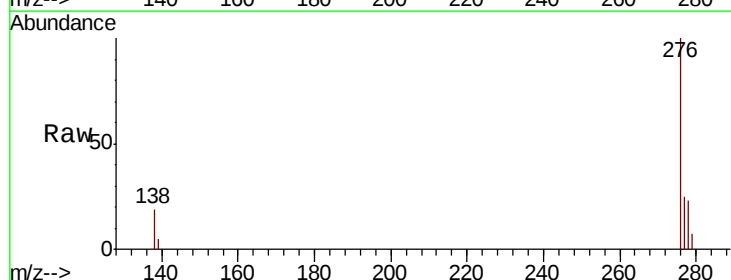
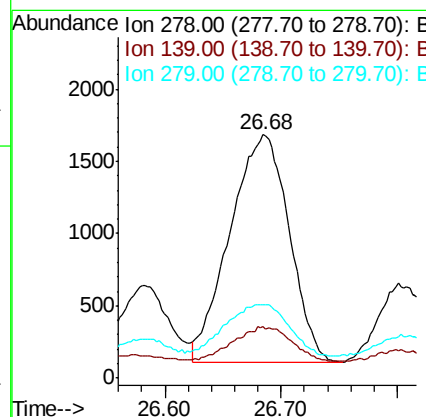
Manual Integrations
APPROVED

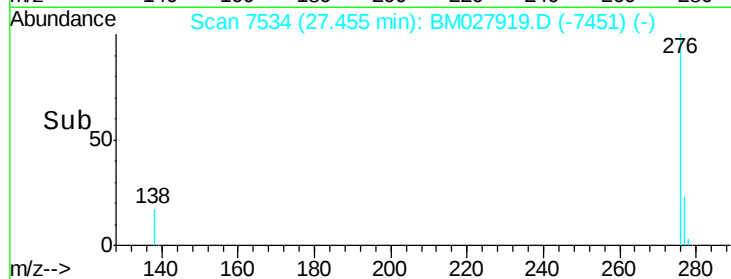
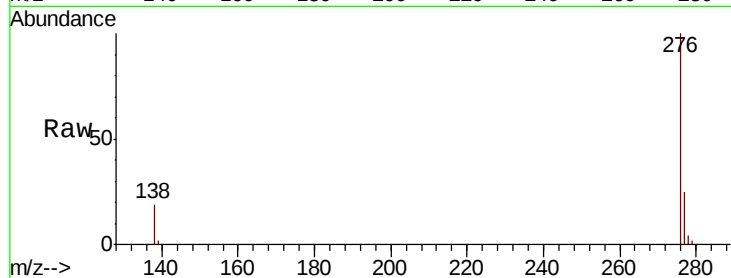
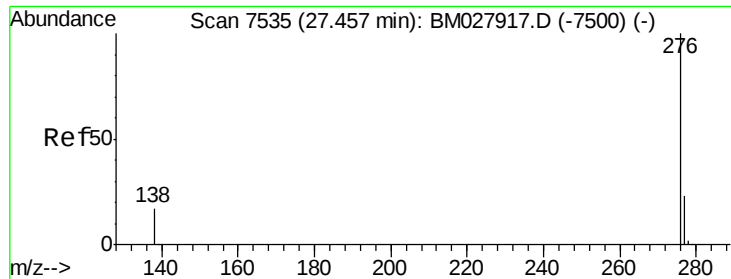
mohammad
11/25/2020 12:44:48 PM



#25
Dibenzo(a,h)anthracene
Concen: 0.614 ng/uL
RT: 26.68 min Scan# 7216
Delta R.T. -0.00 min
Lab File: BM027919.D
Acq: 23 Nov 2020 18:37

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.0	14.8	22.2
279	30.2	25.8	38.6





#26

Benzo(a,h,i)perylene

Concen: 2.348 ng/ul

RT: 27.45 min Scan# 7534

Delta R.T. 0.00 min

Lab File: BM027919.D

Acq: 23 Nov 2020 18:37

Instrument :

BNA_M

ClientSampleId :

C0B65DL

Tot Ion:	276	Resp:	21509
Ion Ratio	Lower	Upper	
276	100		
138	18.6	17.4	26.2
277	24.8	22.5	33.7

Manual Integrations
APPROVED

mohammad
11/25/2020 12:44:48 PM

