

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112320\
 Data File : BM027909.D
 Acq On : 23 Nov 2020 12:34
 Operator : JU/CG
 Sample : L4711-09
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0B51

Manual Integrations
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Quant Time: Nov 23 13:06:07 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 : Mon Nov 23 11:35:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	998	0.40	ng/ul	0.00
2) Naphthalene-d8	11.17	136	3919	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.94	164	2226	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.66	188	4033	0.40	ng/ul	0.00
16) Chrysene-d12	21.76	240	2204	0.40	ng/ul	0.00
20) Perylene-d12	24.18	264	1947	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.73	152	1534	0.23	ng/ul	0.00
14) Fluoranthene-d10	19.65	212	2400	0.22	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	11.22	128	384	0.033	ng/ul#	67
5) 2-Methylnaphthalene	12.80	142	248	0.031	ng/ul	97
7) Acenaphthylene	14.67	152	421	0.039	ng/ul#	69
8) Acenaphthene	15.01	153	283	0.035	ng/ul	95
9) Fluorene	15.98	166	323	0.034	ng/ul#	94
12) Phenanthrene	17.70	178	10495	0.824	ng/ul	98
13) Anthracene	17.79	178	1344	0.109	ng/ul#	89
15) Fluoranthene	19.68	202	26371	1.867	ng/ul	98
17) Pyrene	20.04	202	21024	1.878	ng/ul	98
18) Benzo(a)anthracene	21.75	228	8569	0.964	ng/ul	98
19) Chrysene	21.80	228	11787	1.361	ng/ul	99
21) Benzo(b)fluoranthene	23.45	252	14535m	1.776	ng/ul	
22) Benzo(k)fluoranthene	23.49	252	5239m	0.654	ng/ul	
23) Benzo(a)pyrene	24.08	252	8659	1.210	ng/ul	92
24) Indeno(1,2,3-cd)pyrene	26.68	276	6440	0.831	ng/ul#	97
25) Dibenzo(a,h)anthracene	26.68	278	1580	0.245	ng/ul#	68
26) Benzo(a,h,i)perylene	27.45	276	5542	0.853	ng/ul	99

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

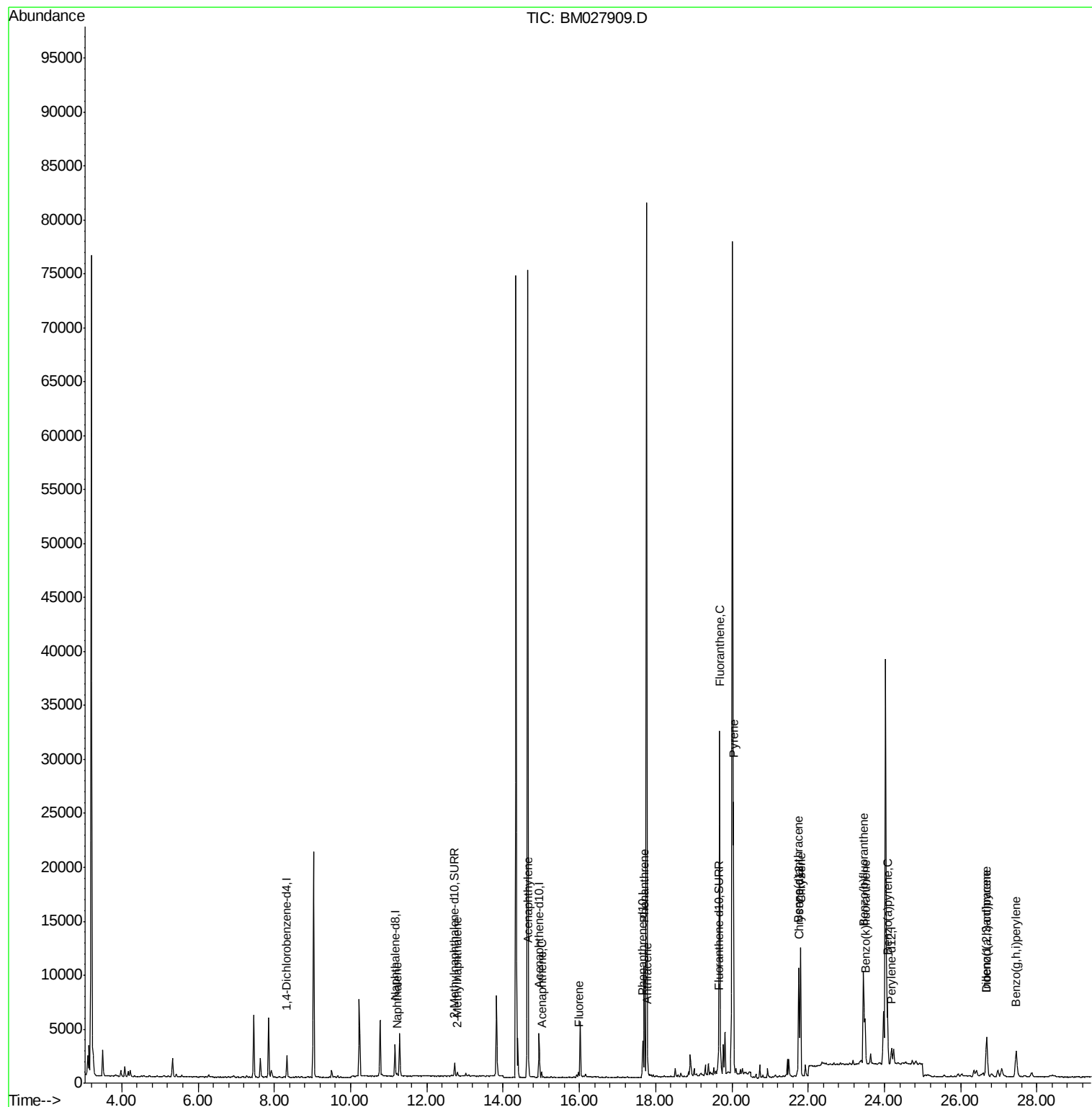
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112320\
Data File : BM027909.D
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ALS Vial : 6 Sample Multiplier: 1

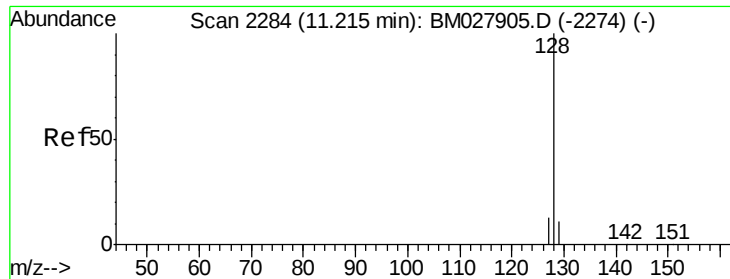
Instrument :
BNA_M
ClientSampleId :
C0B51

Quant Time: Nov 23 13:06:07 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 : Mon Nov 23 11:35:49 2020
Response via : Initial Calibration

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#3

Naphthalene

Concen: 0.033 ng/ul

RT: 11.22 min Scan# 2284

Delta R.T. -0.00 min

Lab File: BM027909.D

Acq: 23 Nov 2020 12:34

Instrument :

BNA_M

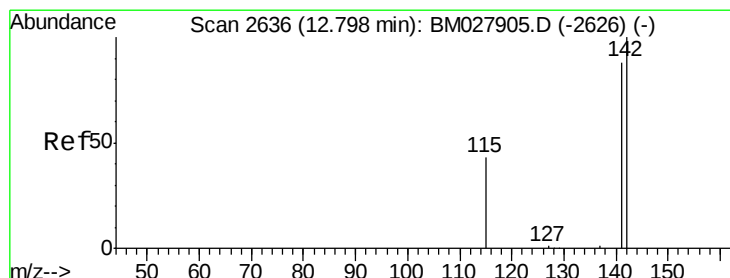
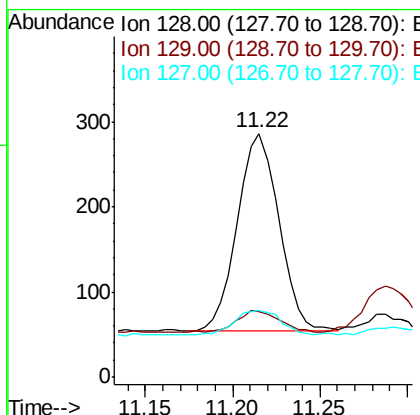
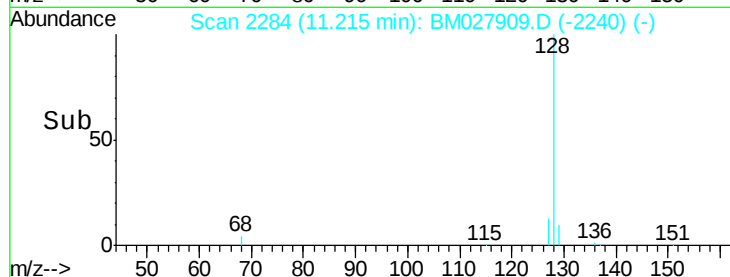
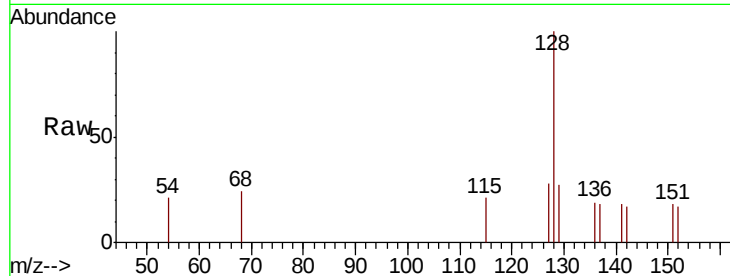
ClientSampleId :

C0B51

Tot Ion:	128	Resp:	384
Ion	Ratio	Lower	Upper
128	100		
129	26.9	10.4	15.6#
127	27.6	12.0	18.0#

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#5

2-Methylnaphthalene

Concen: 0.031 ng/ul

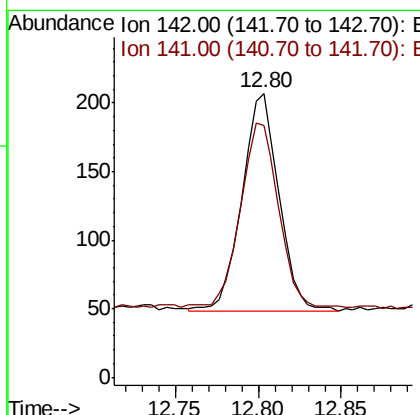
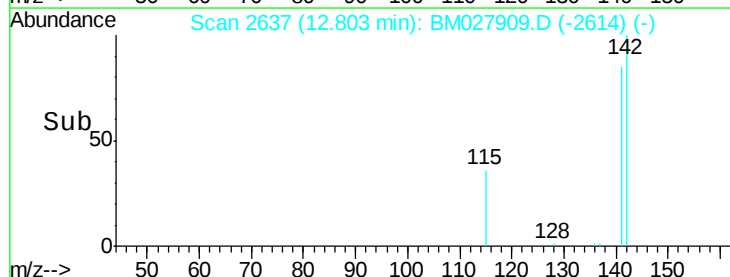
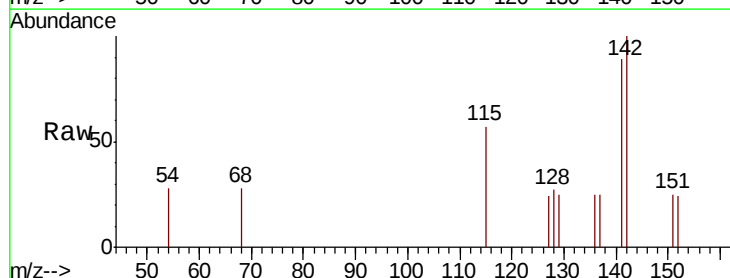
RT: 12.80 min Scan# 2637

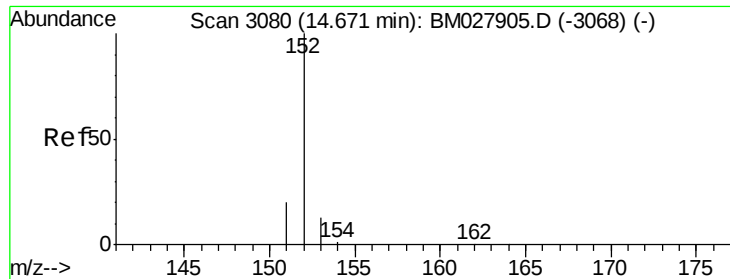
Delta R.T. 0.00 min

Lab File: BM027909.D

Acq: 23 Nov 2020 12:34

Tgt Ion:	142	Resp:	248
Ion	Ratio	Lower	Upper
142	100		
141	86.3	71.6	107.4





#7

Acenaphthylene

Concen: 0.039 ng/ul

RT: 14.67 min Scan# 3080

Delta R.T. -0.00 min

Lab File: BM027909.D

Acq: 23 Nov 2020 12:34

Instrument :

BNA_M

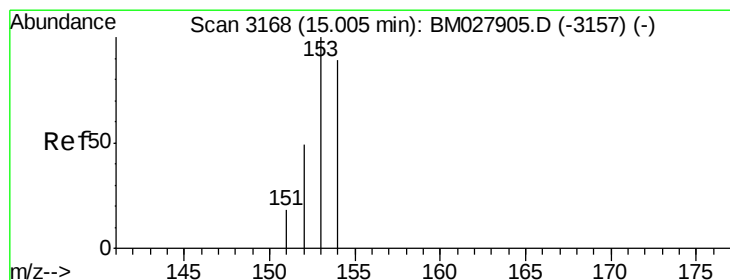
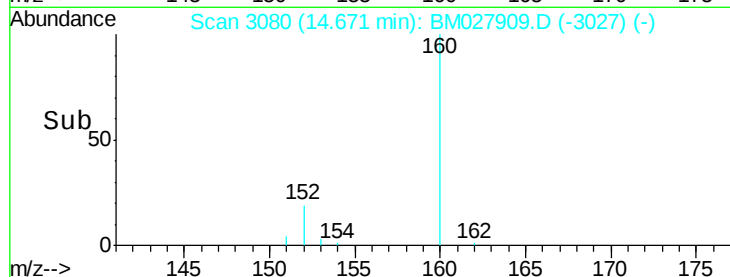
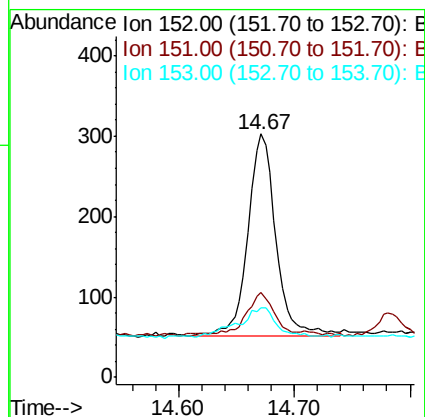
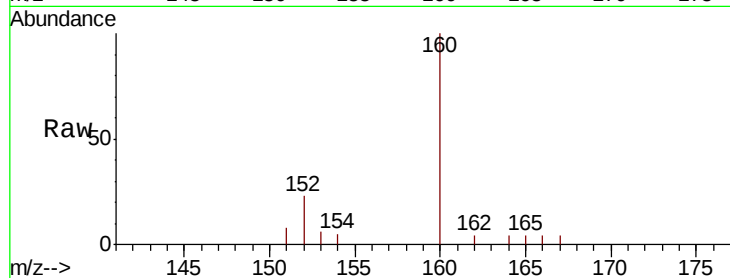
ClientSampleId :

C0B51

Tot Ion:	152	Resp:	421
Ion Ratio	Lower	Upper	
152	100		
151	35.0	17.1	25.7#
153	28.7	12.0	18.0#

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#8

Acenaphthene

Concen: 0.035 ng/ul

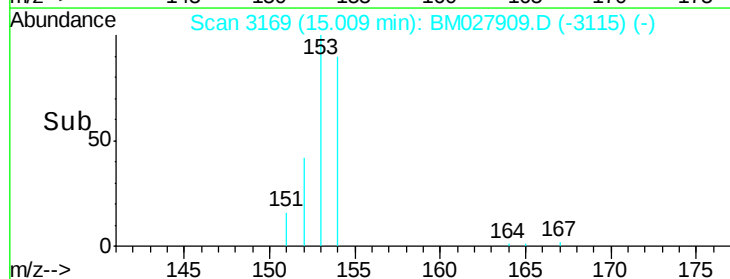
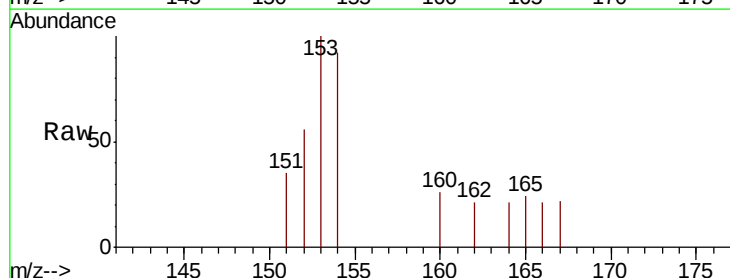
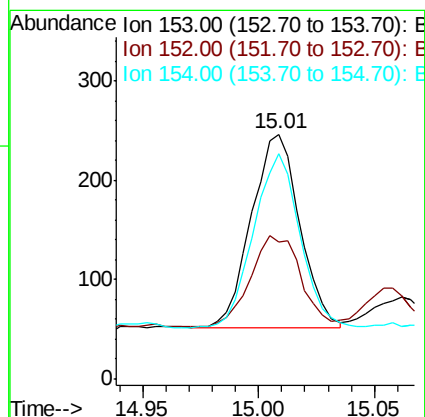
RT: 15.01 min Scan# 3169

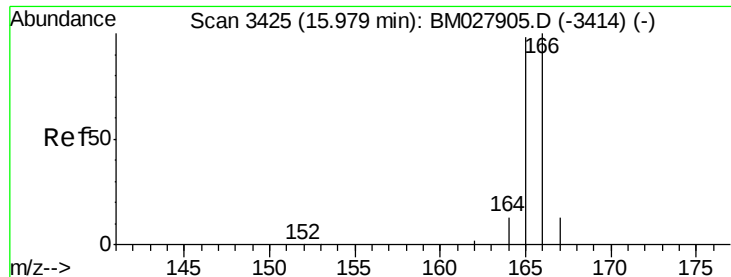
Delta R.T. 0.00 min

Lab File: BM027909.D

Acq: 23 Nov 2020 12:34

Tgt Ion:	153	Resp:	283
Ion Ratio	Lower	Upper	
153	100		
152	56.1	39.0	58.6
154	91.9	71.6	107.4





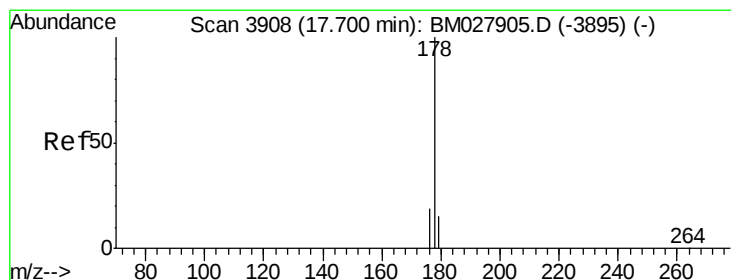
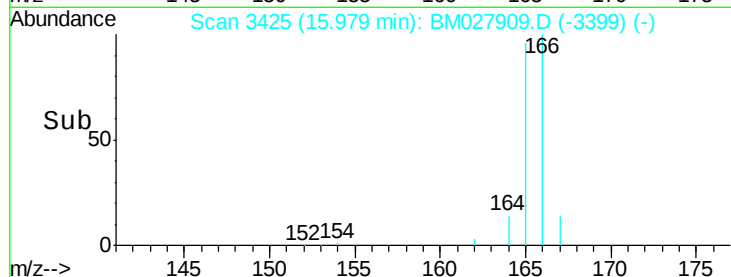
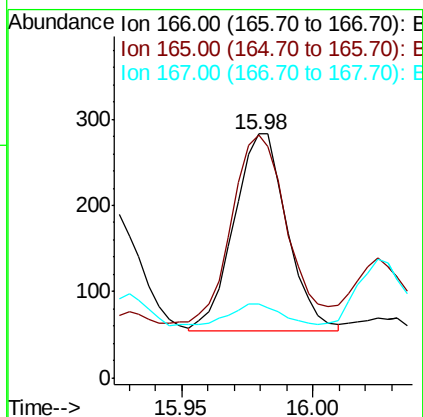
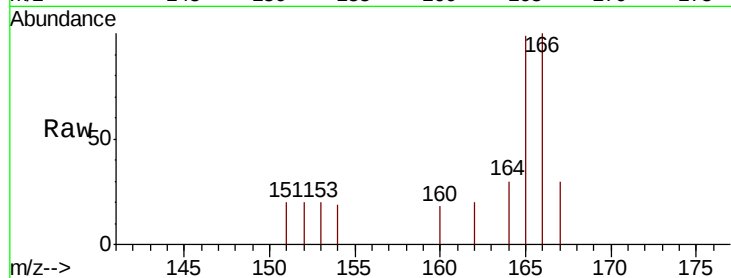
#9
Fluorene
 Concen: 0.034 ng/ul
 RT: 15.98 min Scan# 3425
 Delta R.T. -0.00 min
 Lab File: BM027909.D
 Acq: 23 Nov 2020 12:34

Instrument :
 BNA_M
 ClientSampleId :
 C0B51

Tot Ion	Ratio	Lower	Upper
166	100		
165	99.3	78.1	117.1
167	30.4	11.8	17.8#

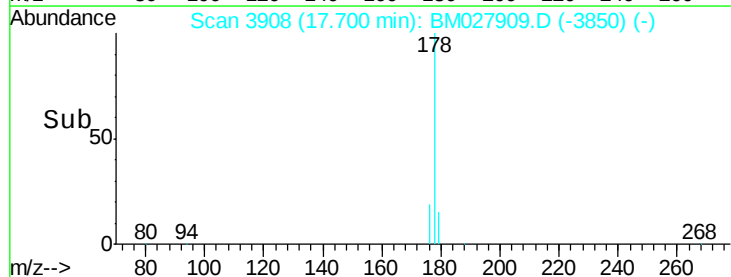
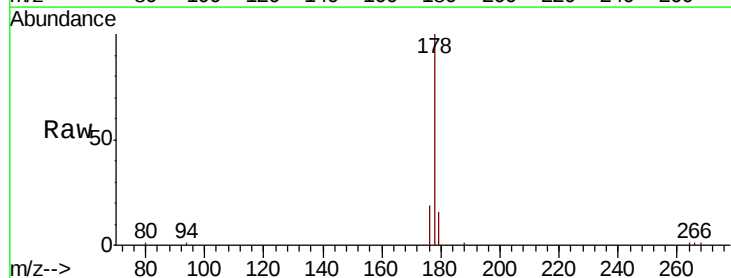
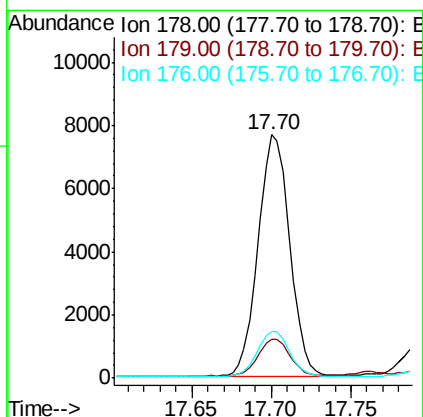
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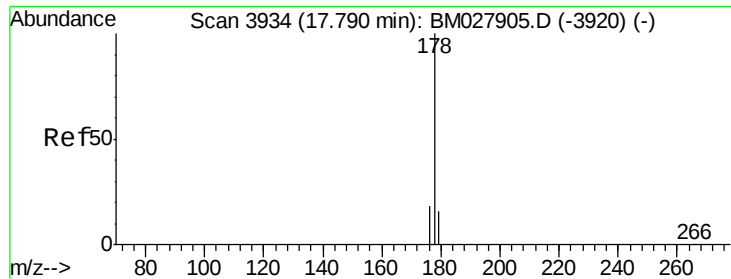
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#12
Phenanthrene
 Concen: 0.824 ng/ul
 RT: 17.70 min Scan# 3908
 Delta R.T. -0.00 min
 Lab File: BM027909.D
 Acq: 23 Nov 2020 12:34

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.0	13.6	20.4
176	19.3	16.1	24.1





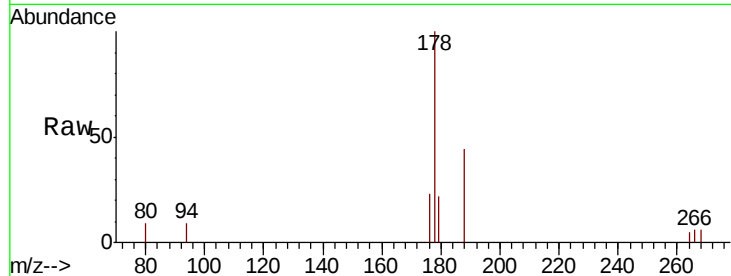
#13
 Anthracene
 Concen: 0.109 ng/ul
 RT: 17.79 min Scan# 3934
 Delta R.T. -0.00 min
 Lab File: BM027909.D
 Acq: 23 Nov 2020 12:34

Instrument :
 BNA_M
 ClientSampleId :
 C0B51

Tot Ion	Ratio	Lower	Upper
178	100		
179	22.2	13.4	20.2#
176	22.9	15.0	22.6#

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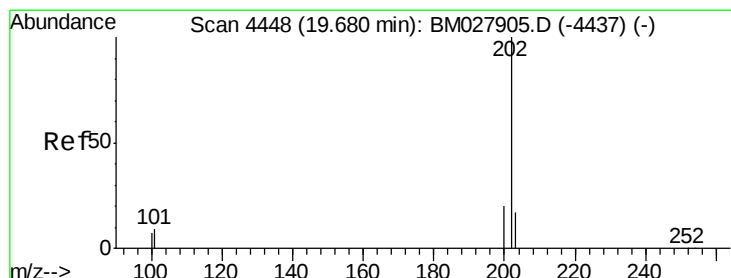
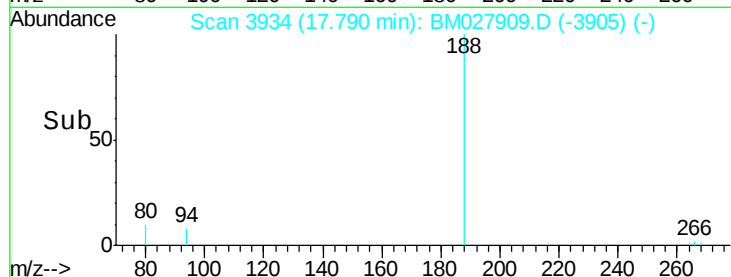
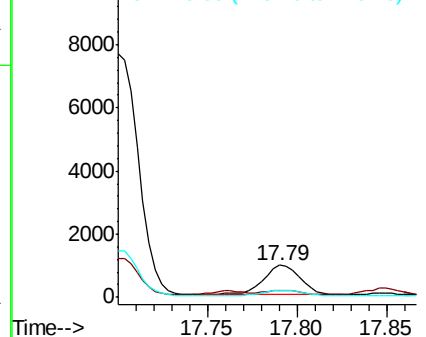


Abundance

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



#15
 Fluoranthene
 Concen: 1.867 ng/ul
 RT: 19.68 min Scan# 4448
 Delta R.T. -0.00 min
 Lab File: BM027909.D
 Acq: 23 Nov 2020 12:34

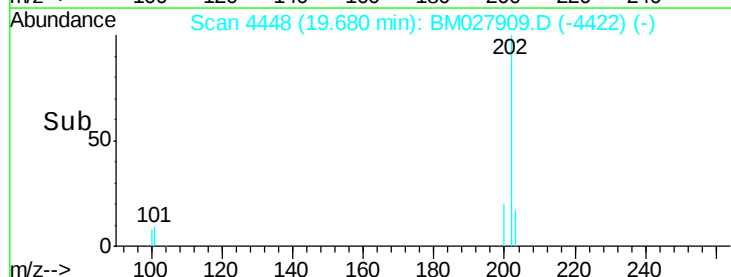
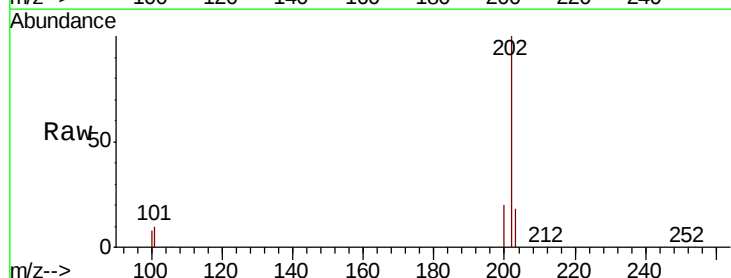
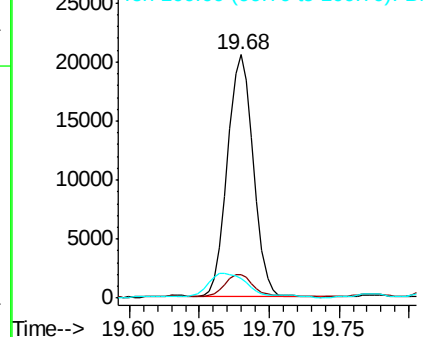
Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.9	0.0	29.3
100	8.2	0.0	27.4

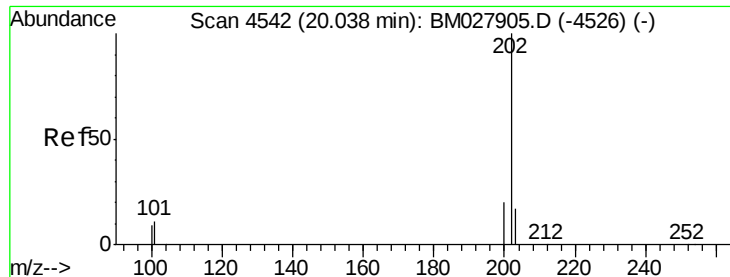
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





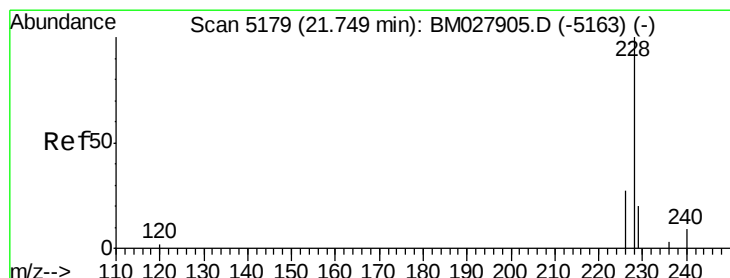
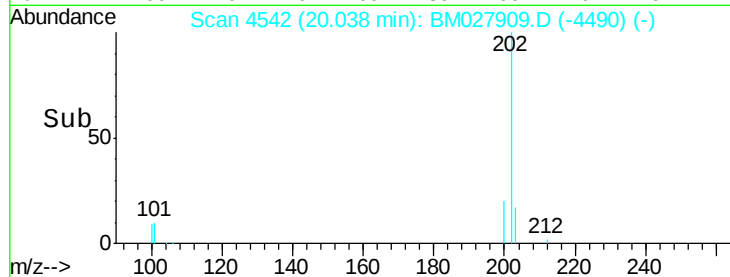
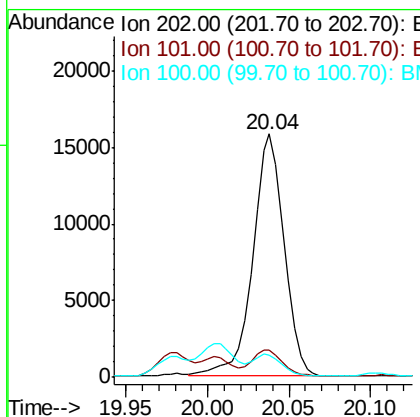
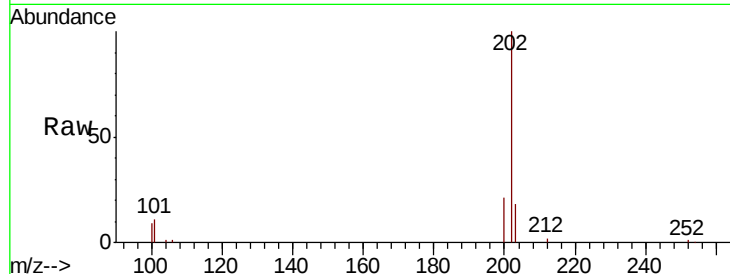
#17
Pvrene
Concen: 1.878 ng/ul
RT: 20.04 min Scan# 4542
Delta R.T. -0.00 min
Lab File: BM027909.D
Acq: 23 Nov 2020 12:34

Instrument :
BNA_M
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
202	100		
101	11.2	8.2	12.2
100	9.2	6.9	10.3

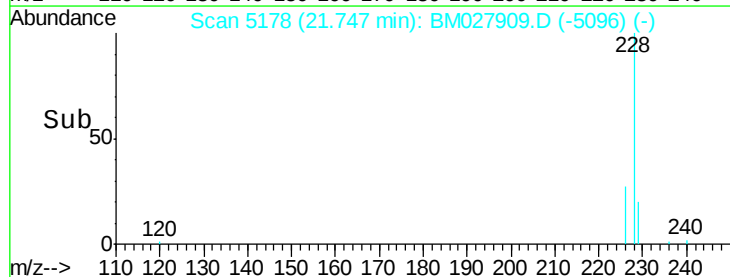
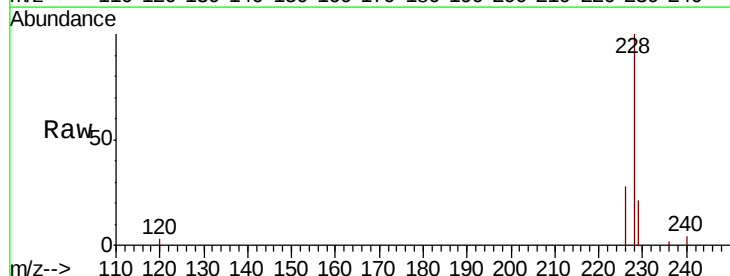
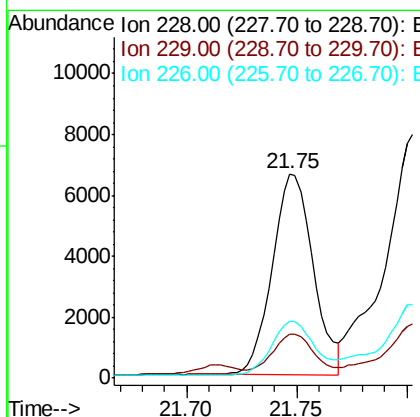
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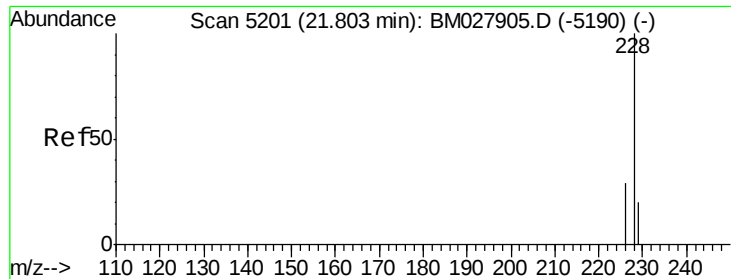
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#18
Benzo(a)anthracene
Concen: 0.964 ng/ul
RT: 21.75 min Scan# 5178
Delta R.T. -0.00 min
Lab File: BM027909.D
Acq: 23 Nov 2020 12:34

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.5	16.2	24.4
226	27.8	21.5	32.3





#19

Chrysene

Concen: 1.361 ng/ul

RT: 21.80 min Scan# 5201

Delta R.T. -0.00 min

Lab File: BM027909.D

Acq: 23 Nov 2020 12:34

Instrument :

BNA_M

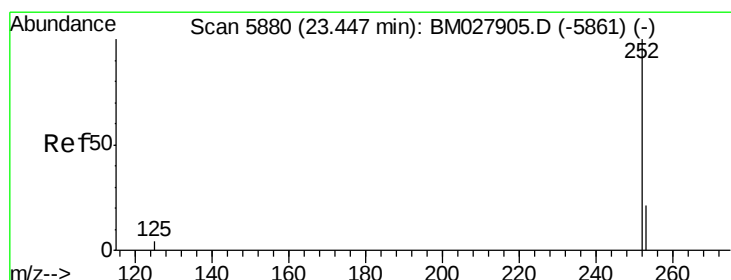
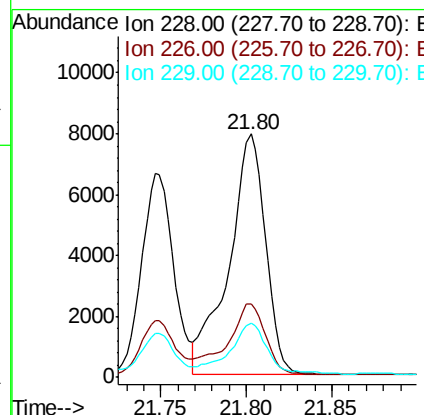
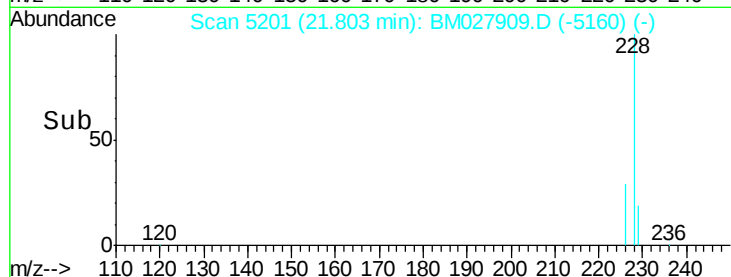
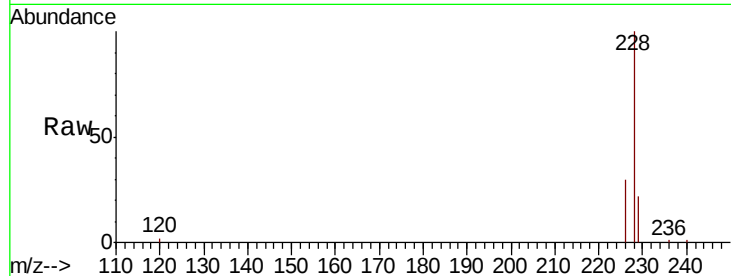
ClientSampleId :

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Tot Ion:	228	Resp:	11787
Ion Ratio	Lower	Upper	
228	100		
226	30.2	24.1	36.1
229	22.0	16.6	24.8

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#21

Benzo(b)fluoranthene

Concen: 1.776 ng/ul m

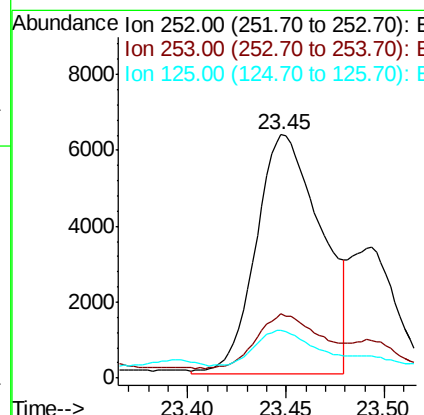
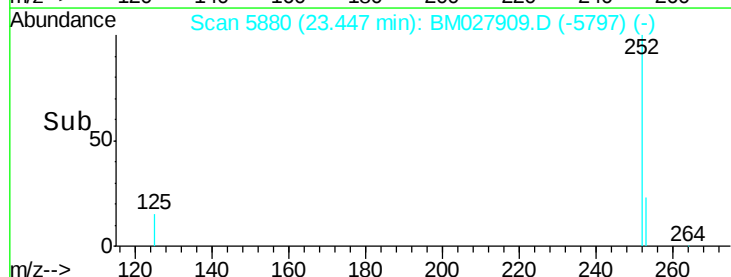
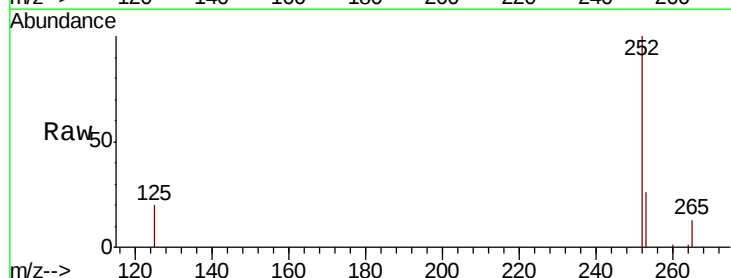
RT: 23.45 min Scan# 5880

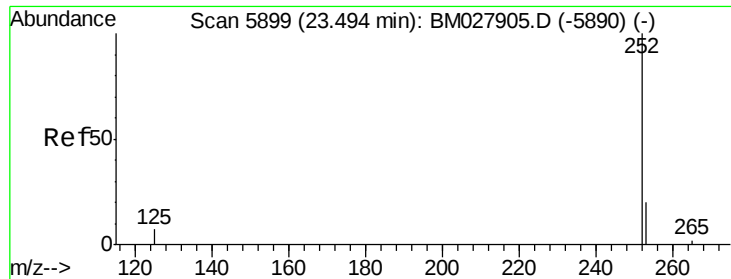
Delta R.T. -0.00 min

Lab File: BM027909.D

Acq: 23 Nov 2020 12:34

Tgt Ion:	252	Resp:	14535
Ion Ratio	Lower	Upper	
252	100		
253	26.2	0.0	59.6
125	19.5	0.0	28.4





#22

Benzo(k)fluoranthene

Concen: 0.654 ng/ul m

RT: 23.49 min Scan# 5899

Delta R.T. -0.00 min

Lab File: BM027909.D

Acq: 23 Nov 2020 12:34

Instrument :

BNA_M

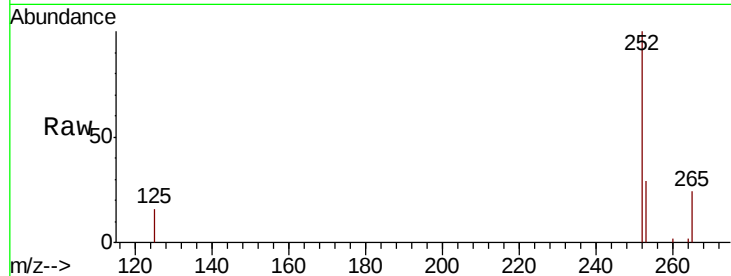
ClientSampleId :

C0B51

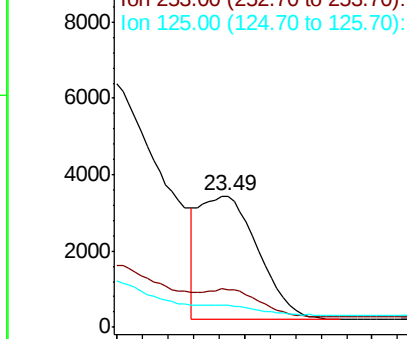
Tot Ion:	252	Resp:	5239
Ion Ratio	Lower	Upper	
252	100		
253	28.9	23.2	34.8
125	16.5	11.8	17.6

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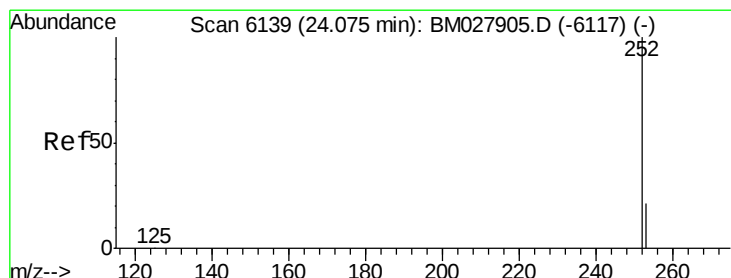
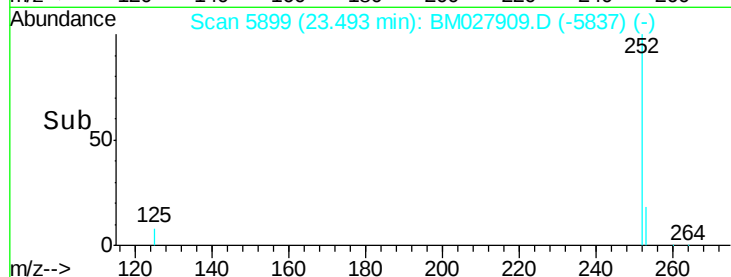
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



Time--> 23.45 23.50 23.55



#23

Benzo(a)pyrene

Concen: 1.210 ng/ul

RT: 24.08 min Scan# 6140

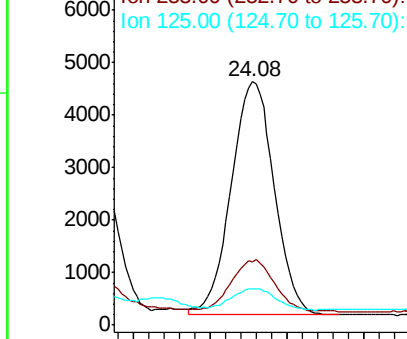
Delta R.T. 0.00 min

Lab File: BM027909.D

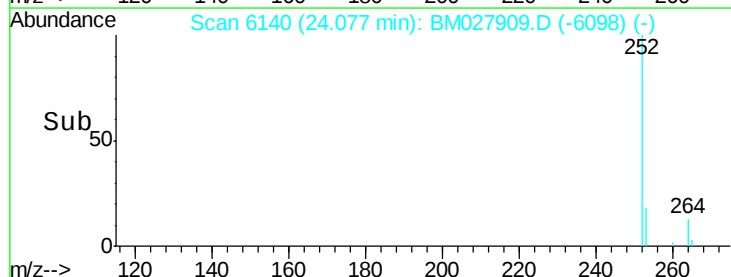
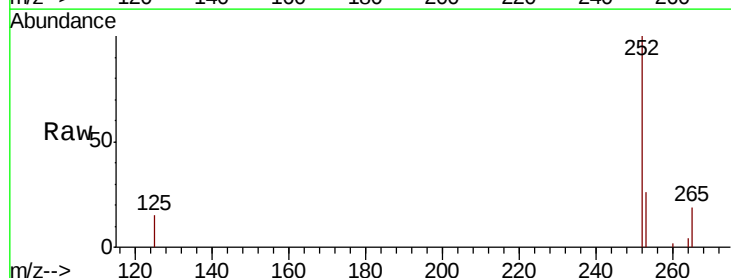
Acq: 23 Nov 2020 12:34

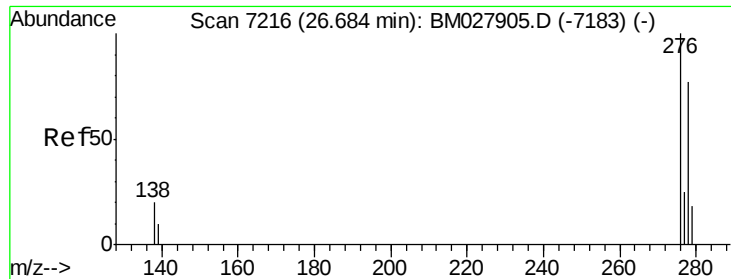
Tgt Ion:	252	Resp:	8659
Ion Ratio	Lower	Upper	
252	100		
253	25.9	25.2	37.8
125	15.1	13.8	20.6

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



Time--> 24.00 24.05 24.10 24.15





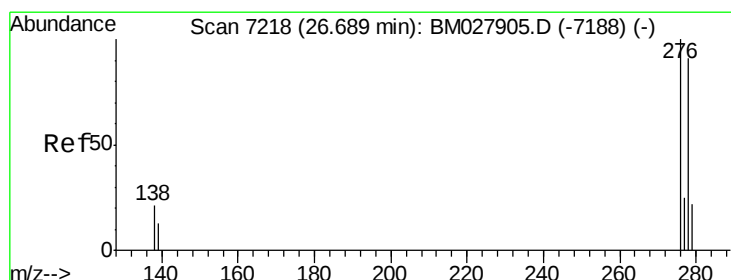
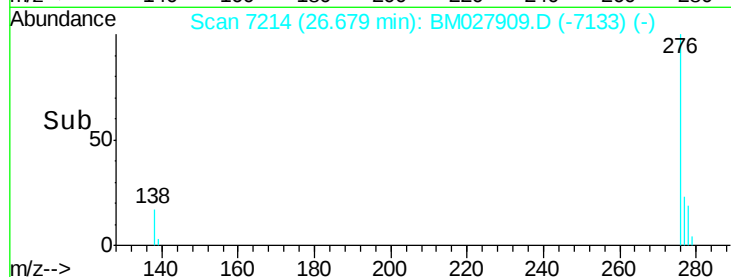
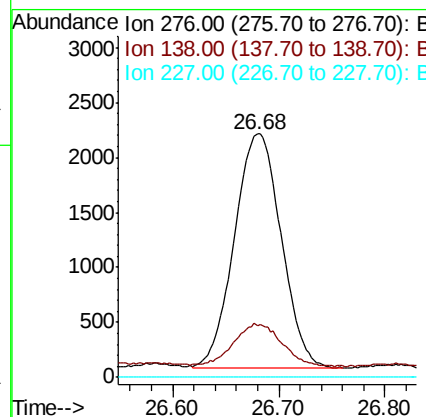
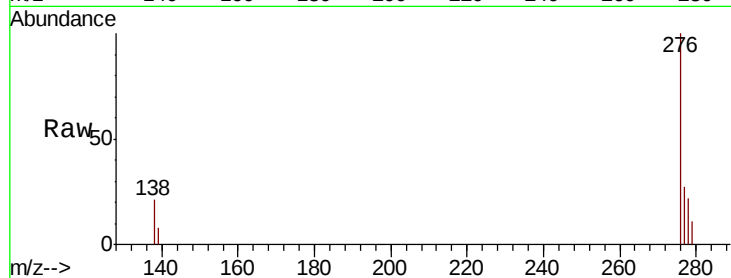
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.831 ng/ul
RT: 26.68 min Scan# 7214
Delta R.T. -0.00 min
Lab File: BM027909.D
Acq: 23 Nov 2020 12:34

Instrument :
BNA_M
ClientSampleId :
C0B51

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.3	15.7	23.5
227	0.0	0.0	0.0

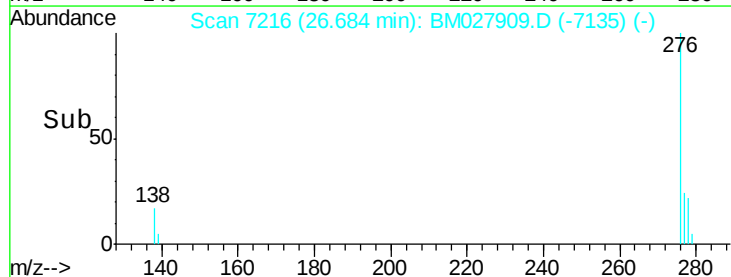
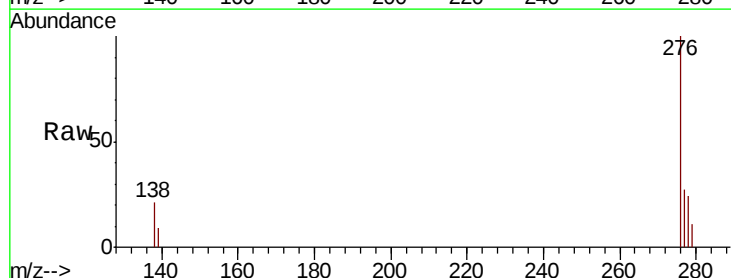
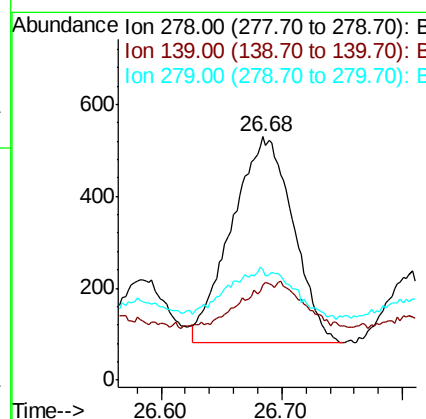
Manual Integrations
APPROVED

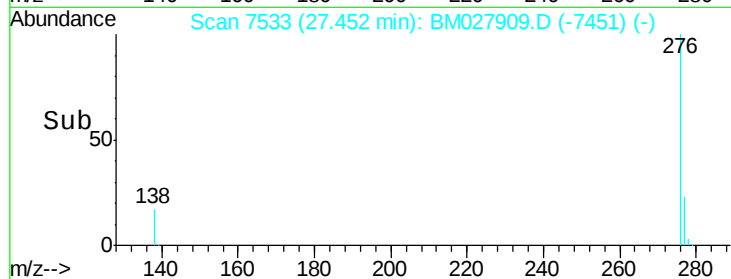
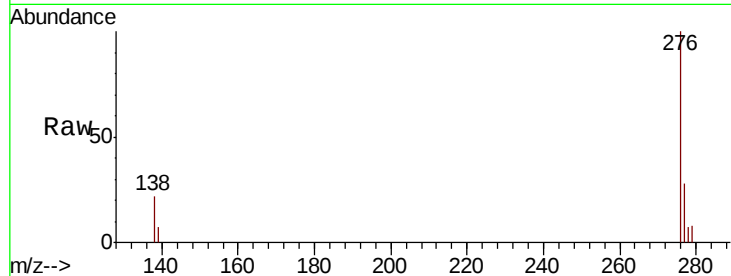
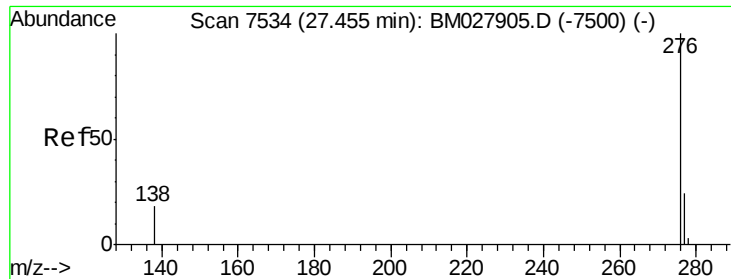
mohammad
11/25/2020 12:44:18 PM



#25
Dibenzo(a,h)anthracene
Concen: 0.245 ng/ul
RT: 26.68 min Scan# 7216
Delta R.T. -0.00 min
Lab File: BM027909.D
Acq: 23 Nov 2020 12:34

Tgt Ion	Ratio	Lower	Upper
278	100		
139	39.1	14.8	22.2#
279	45.5	25.8	38.6#





#26

Benzo(a,h,i)perylene

Concen: 0.853 ng/ul

RT: 27.45 min Scan# 7533

Delta R.T. -0.00 min

Lab File: BM027909.D

Acq: 23 Nov 2020 12:34

Tot Ion:	276	Resp:	5542
Ion Ratio	Lower	Upper	
276	100		
138	22.0	17.4	26.2
277	27.7	22.5	33.7

Instrument :

BNA_M

ClientSampleId :

C0B51

Manual Integrations
APPROVED

mohammad
11/25/2020 12:44:18 PM

