

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112020\
 Data File : BM027868.D
 Acq On : 21 Nov 2020 00:39
 Operator : JU/CG
 Sample : L4710-23
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AZ0

Manual Integrations
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mohammad
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Quant Time: Nov 21 03:19:55 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 : Sat Nov 21 02:40:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	922	0.40	ng/ul	0.00
2) Naphthalene-d8	11.17	136	3800	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.95	164	2372	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.66	188	4810	0.40	ng/ul	0.00
16) Chrysene-d12	21.76	240	3217	0.40	ng/ul	0.00
20) Perylene-d12	24.18	264	2392	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.73	152	938	0.15	ng/ul	0.00
14) Fluoranthene-d10	19.65	212	2138	0.17	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	11.22	128	311	0.027	ng/ul#	56
5) 2-Methylnaphthalene	12.81	142	232	0.030	ng/ul	96
12) Phenanthrene	17.70	178	3699	0.243	ng/ul	99
13) Anthracene	17.79	178	503m	0.034	ng/ul	
15) Fluoranthene	19.68	202	15107	0.897	ng/ul	98
17) Pyrene	20.04	202	13095	0.802	ng/ul	97
18) Benzo(a)anthracene	21.75	228	5881	0.453	ng/ul	97
19) Chrysene	21.80	228	7361	0.582	ng/ul	98
21) Benzo(b)fluoranthene	23.45	252	8018m	0.798	ng/ul	
22) Benzo(k)fluoranthene	23.49	252	2857m	0.290	ng/ul	
23) Benzo(a)pyrene	24.08	252	4596	0.523	ng/ul#	96
24) Indeno(1,2,3-cd)pyrene	26.68	276	3107	0.326	ng/ul#	92
25) Dibenzo(a,h)anthracene	26.68	278	806	0.102	ng/ul#	1
26) Benzo(g,h,i)perylene	27.45	276	2739	0.343	ng/ul	94

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

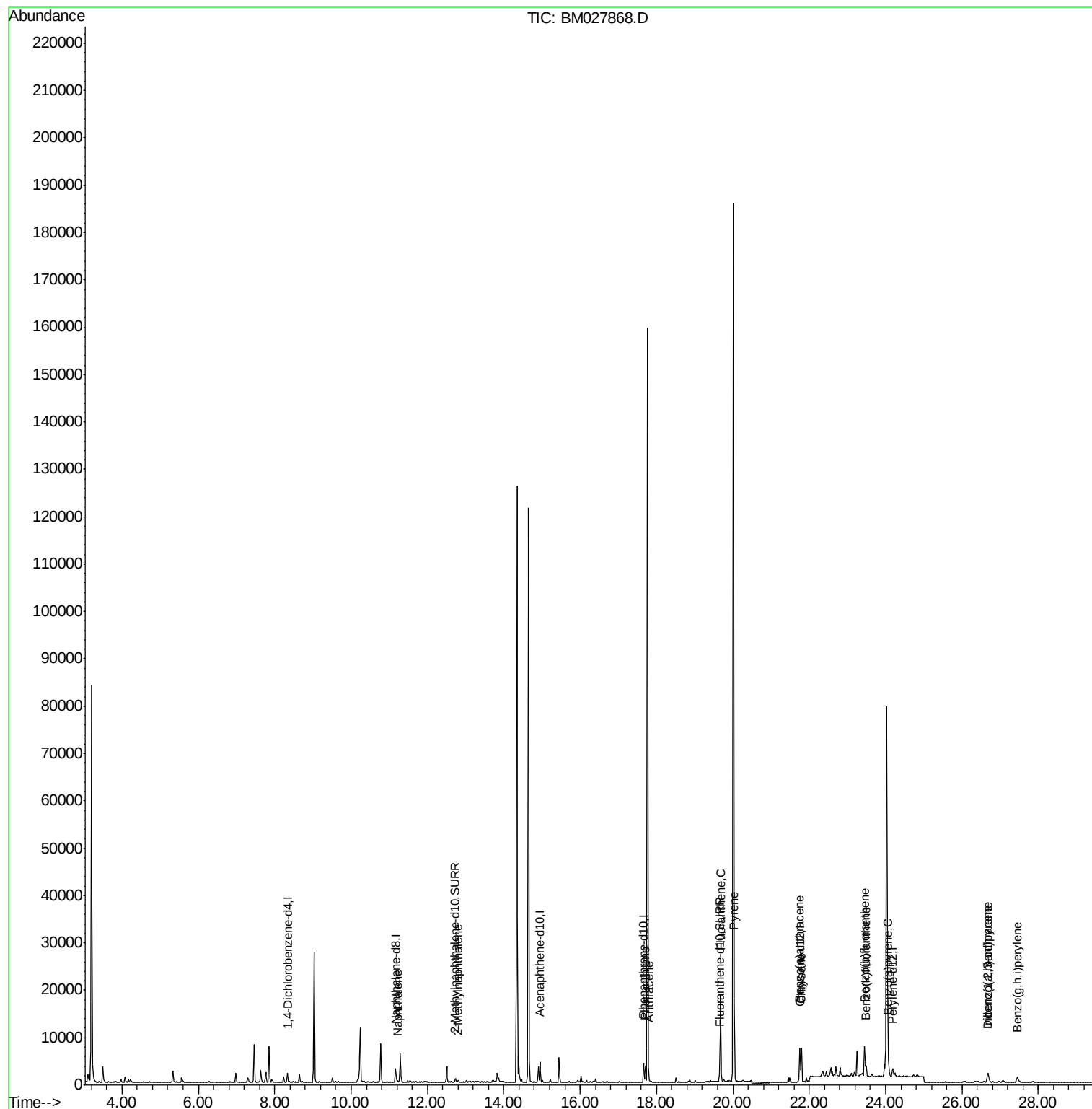
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112020\
Data File : BM027868.D
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ALS Vial : 22 Sample Multiplier: 1

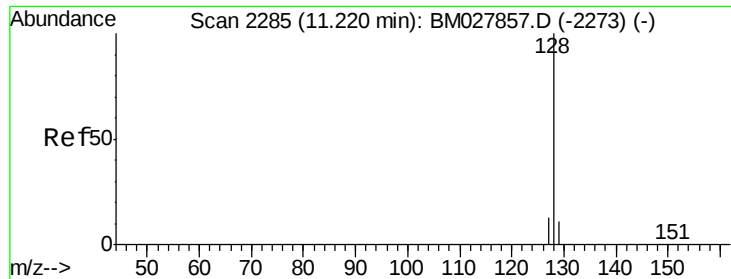
Instrument :
BNA_M
ClientSampleId :
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Quant Time: Nov 21 03:19:55 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 21 02:40:49 2020
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.027 ng/ul

RT: 11.22 min Scan# 2285

Delta R.T. -0.00 min

Lab File: BM027868.D

Acq: 21 Nov 2020 00:39

Instrument :

BNA_M

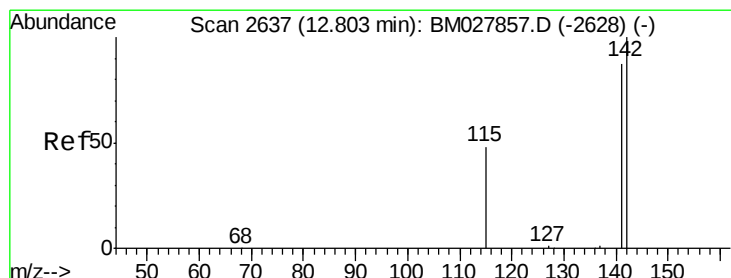
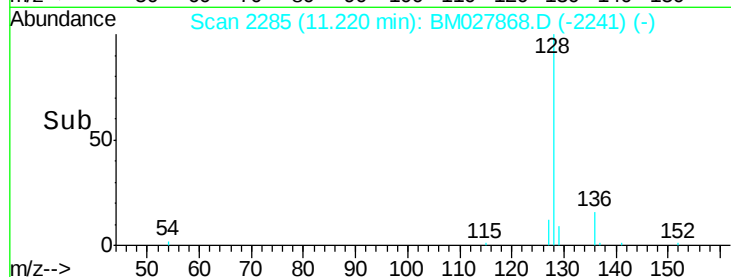
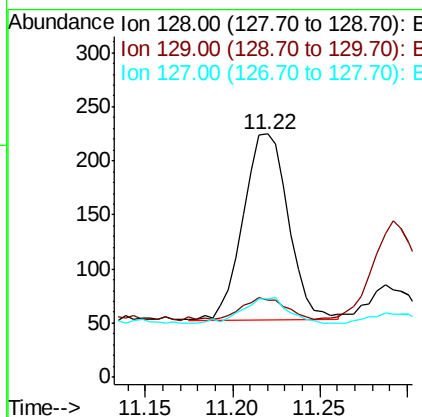
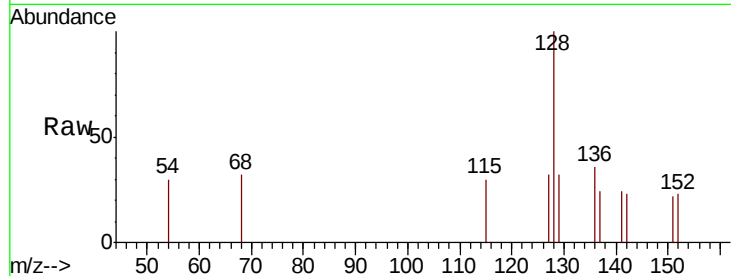
ClientSampleId :

C0AZ0

Tot Ion:	128	Resp:	311
Ion Ratio	Lower	Upper	
128	100		
129	31.6	10.4	15.6#
127	32.0	12.0	18.0#

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#5

2-Methylnaphthalene

Concen: 0.030 ng/ul

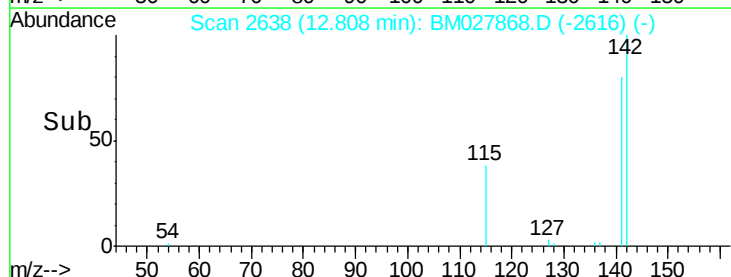
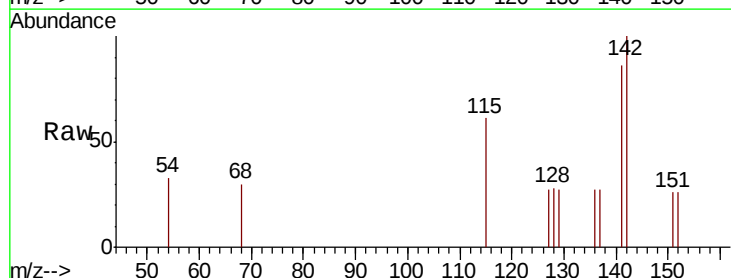
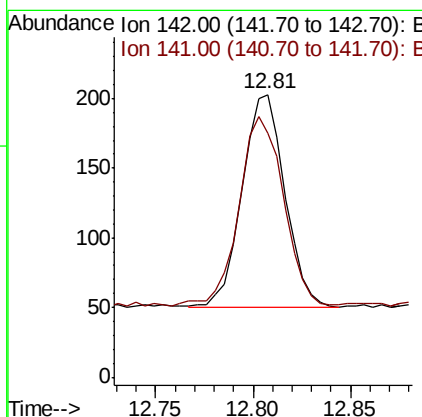
RT: 12.81 min Scan# 2638

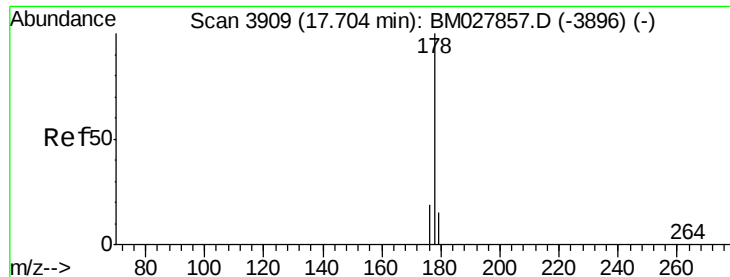
Delta R.T. 0.00 min

Lab File: BM027868.D

Acq: 21 Nov 2020 00:39

Tgt Ion:	142	Resp:	232
Ion Ratio	Lower	Upper	
142	100		
141	93.1	71.6	107.4





#12

Phenanthrene

Concen: 0.243 ng/ul

RT: 17.70 min Scan# 3909

Delta R.T. -0.00 min

Lab File: BM027868.D

Acq: 21 Nov 2020 00:39

Instrument :

BNA_M

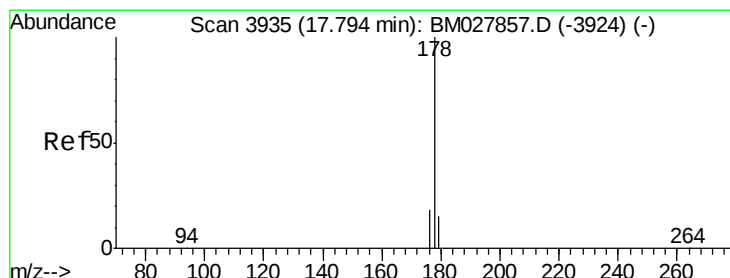
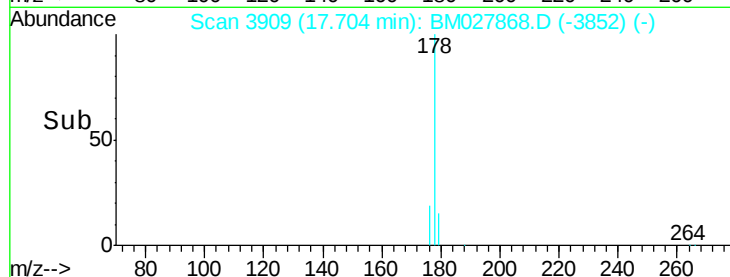
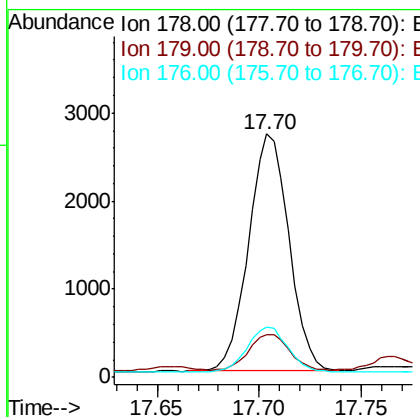
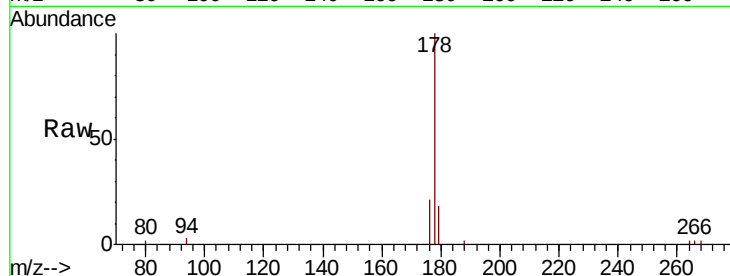
ClientSampleId :

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Tot Ion:	178	Resp:	3699
Ion Ratio	Lower	Upper	
178	100		
179	17.6	13.6	20.4
176	20.6	16.1	24.1

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#13

Anthracene

Concen: 0.034 ng/ul m

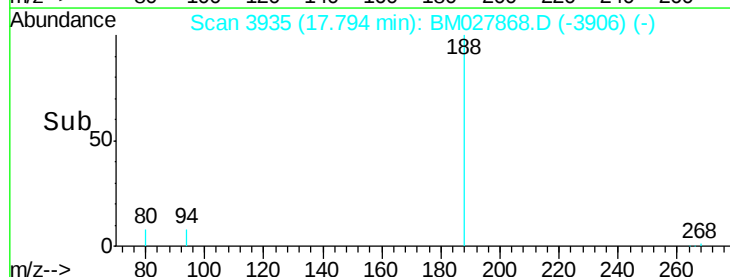
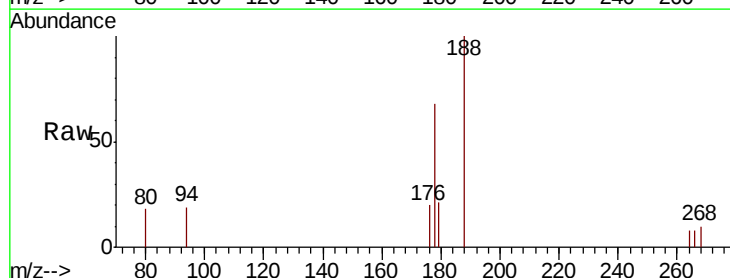
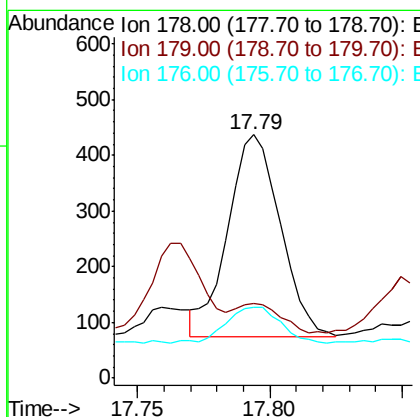
RT: 17.79 min Scan# 3935

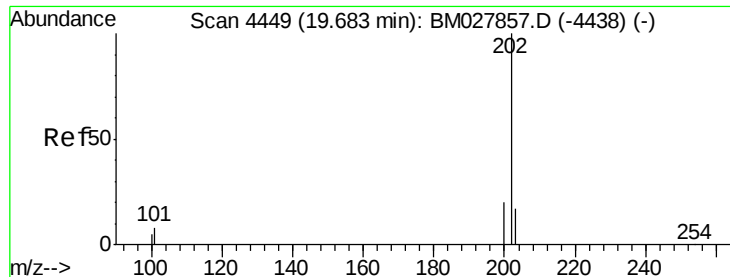
Delta R.T. -0.00 min

Lab File: BM027868.D

Acq: 21 Nov 2020 00:39

Tgt Ion:	178	Resp:	503
Ion Ratio	Lower	Upper	
178	100		
179	30.7	13.4	20.2#
176	29.3	15.0	22.6#





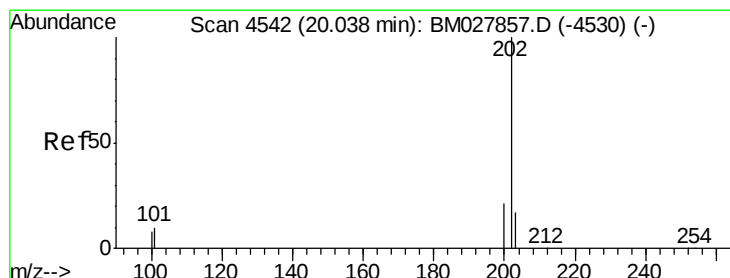
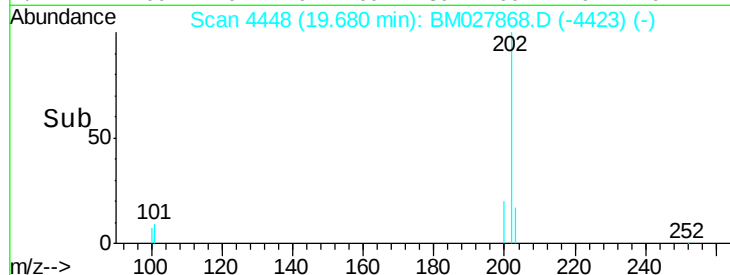
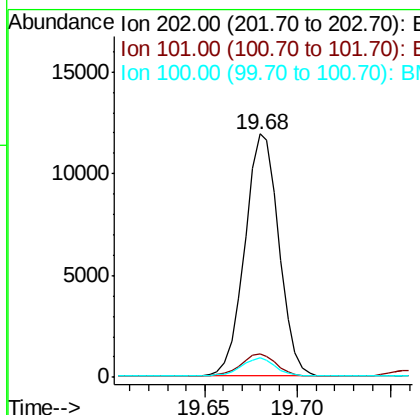
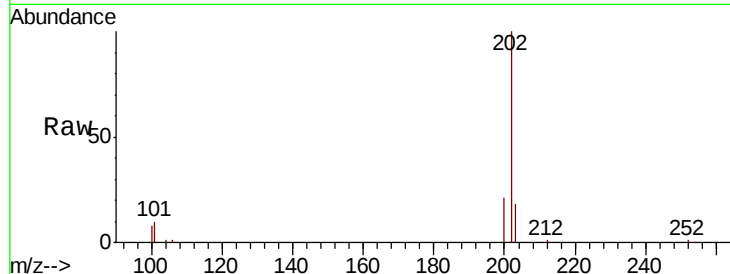
#15
Fluoranthene
Concen: 0.897 ng/ul
RT: 19.68 min Scan# 4448
Delta R.T. -0.00 min
Lab File: BM027868.D
Acq: 21 Nov 2020 00:39

Instrument :
BNA_M
ClientSampleId :
C0AZ0

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	9.9	0.0	29.3
100	7.9	0.0	27.4

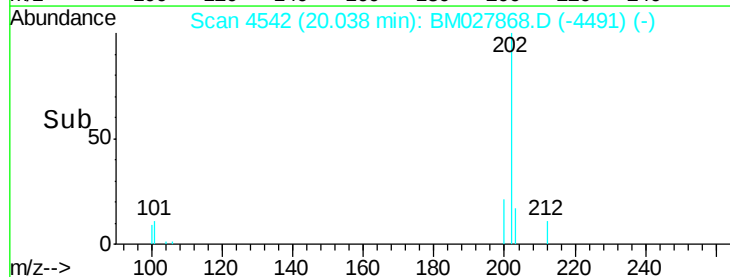
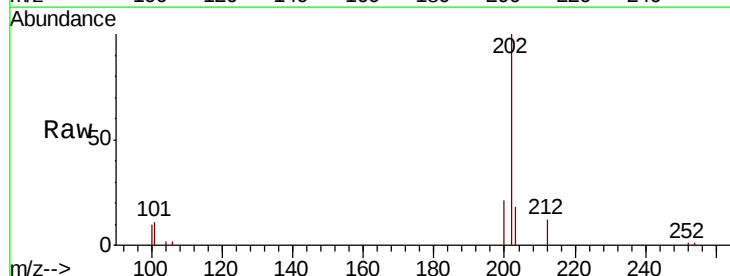
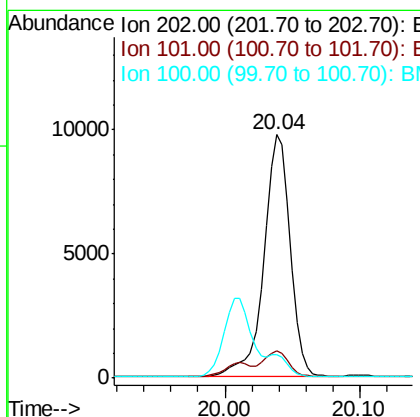
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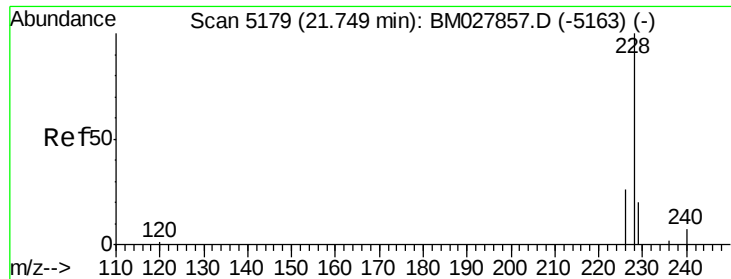
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#17
Pyrene
Concen: 0.802 ng/ul
RT: 20.04 min Scan# 4542
Delta R.T. -0.00 min
Lab File: BM027868.D
Acq: 21 Nov 2020 00:39

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	11.3	8.2	12.2
100	9.6	6.9	10.3





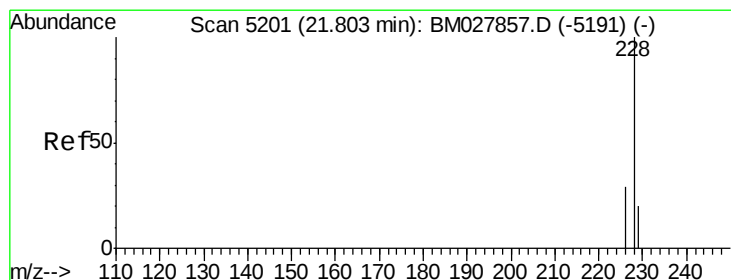
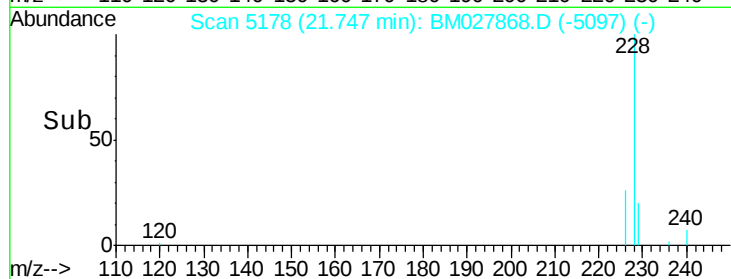
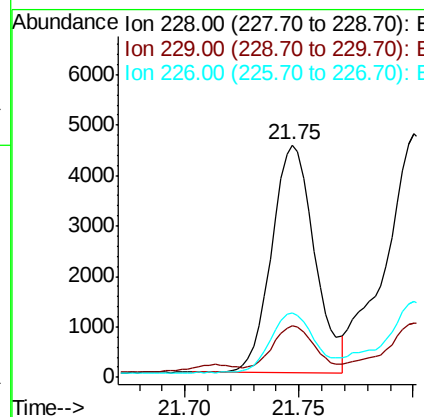
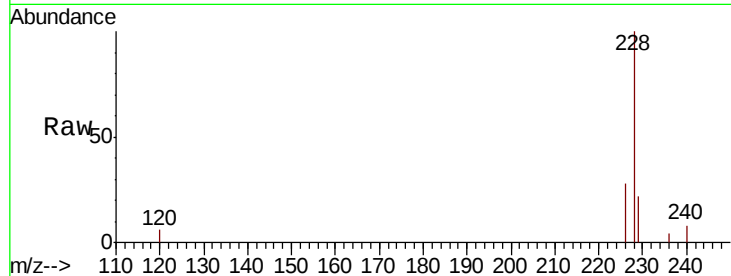
#18
Benzo(a)anthracene
Concen: 0.453 ng/ul
RT: 21.75 min Scan# 5178
Delta R.T. -0.00 min
Lab File: BM027868.D
Acq: 21 Nov 2020 00:39

Instrument :
BNA_M
ClientSampleId :
C0AZ0

Tot Ion	Ratio	Lower	Upper
228	100		
229	22.2	16.2	24.4
226	27.9	21.5	32.3

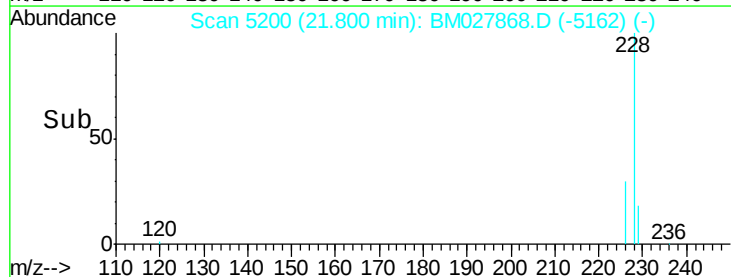
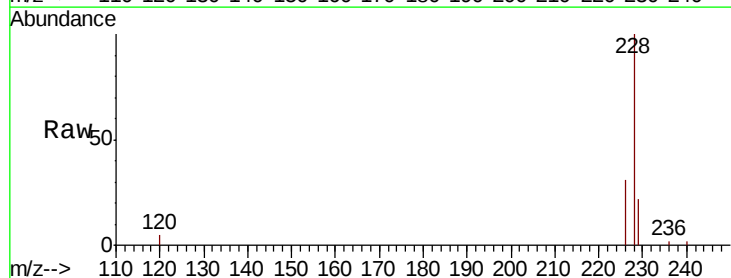
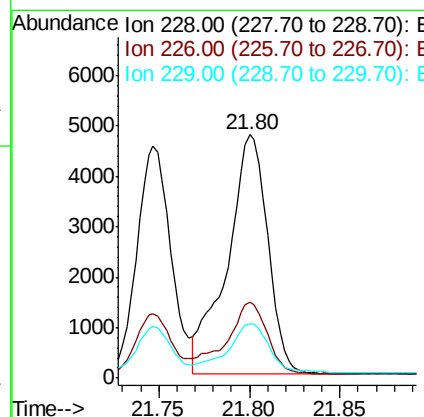
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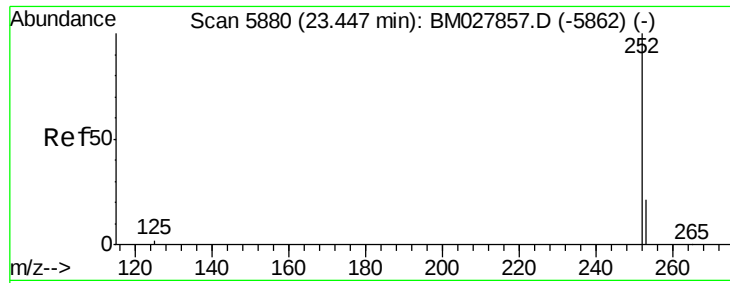
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#19
Chrysene
Concen: 0.582 ng/ul
RT: 21.80 min Scan# 5200
Delta R.T. -0.01 min
Lab File: BM027868.D
Acq: 21 Nov 2020 00:39

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.1	36.1
229	22.4	16.6	24.8





#21

Benzo(b)fluoranthene

Concen: 0.798 ng/ul m

RT: 23.45 min Scan# 5880

Delta R.T. -0.00 min

Lab File: BM027868.D

Acq: 21 Nov 2020 00:39

Instrument :

BNA_M

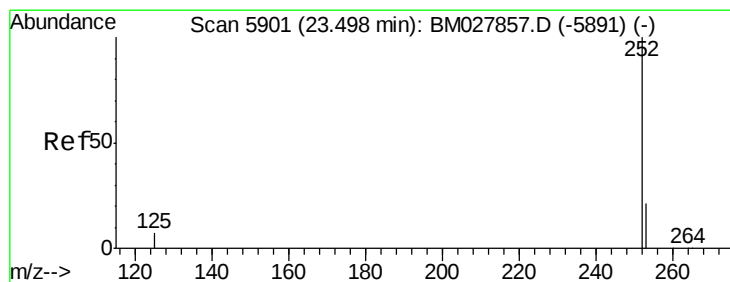
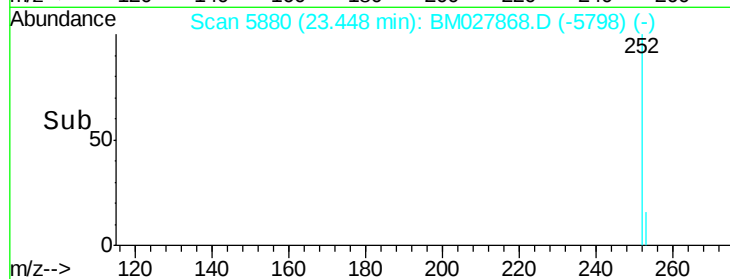
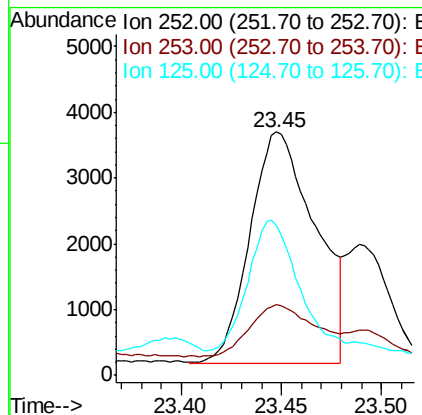
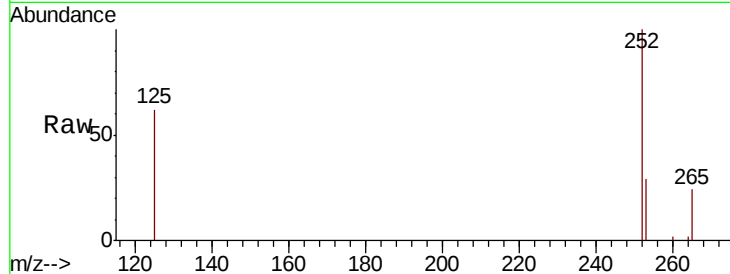
ClientSampleId :

C0AZ0

Tot Ion	Ratio	Lower	Upper
252	100		
253	29.2	0.0	59.6
125	61.9	0.0	28.4

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#22

Benzo(k)fluoranthene

Concen: 0.290 ng/ul m

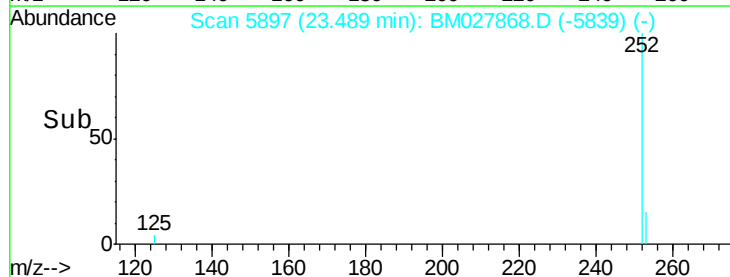
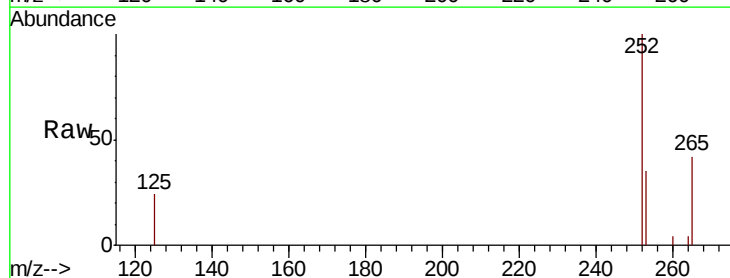
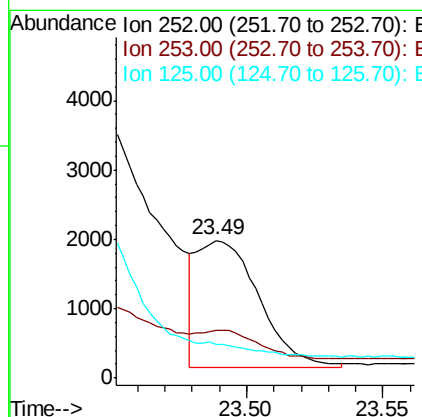
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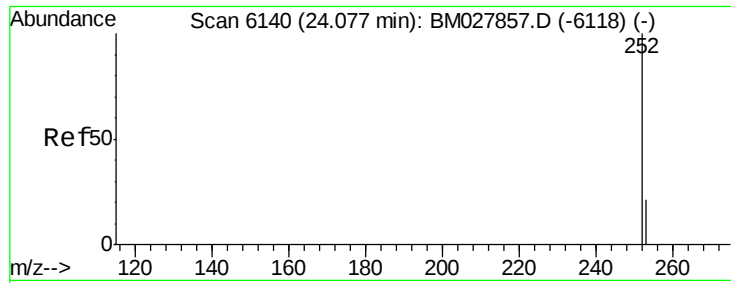
Delta R.T. -0.01 min

Lab File: BM027868.D

Acq: 21 Nov 2020 00:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	34.5	23.2	34.8
125	24.4	11.8	17.6





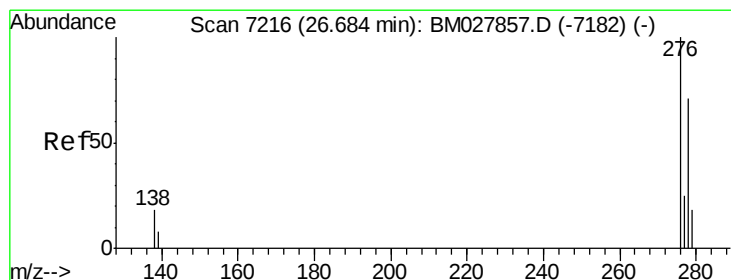
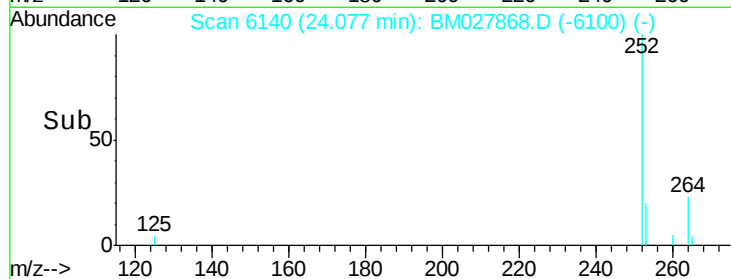
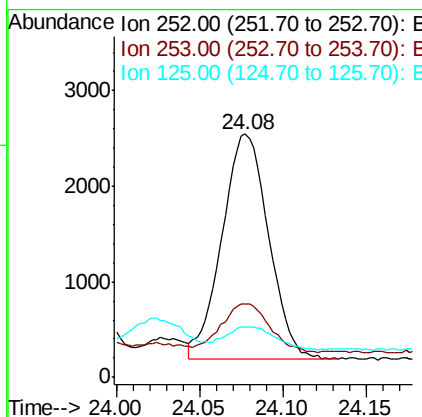
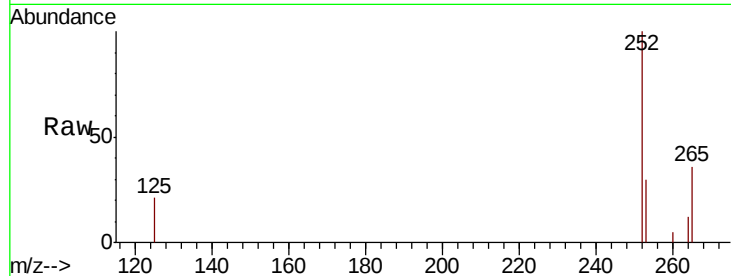
#23
Benzo(a)pyrene
Concen: 0.523 ng/u1
RT: 24.08 min Scan# 6140
Delta R.T. -0.00 min
Lab File: BM027868.D
Acq: 21 Nov 2020 00:39

Instrument :
BNA_M
ClientSampleId :
C0A20

Tot Ion	Ratio	Lower	Upper
252	100		
253	30.1	25.2	37.8
125	20.7	13.8	20.6

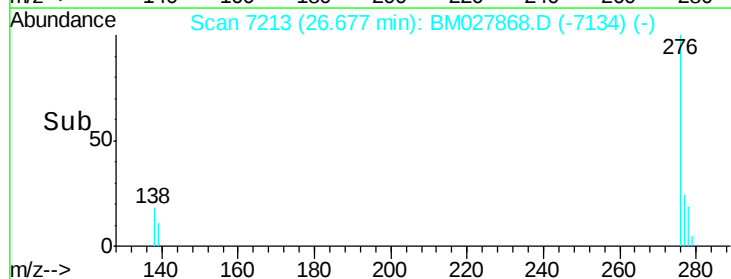
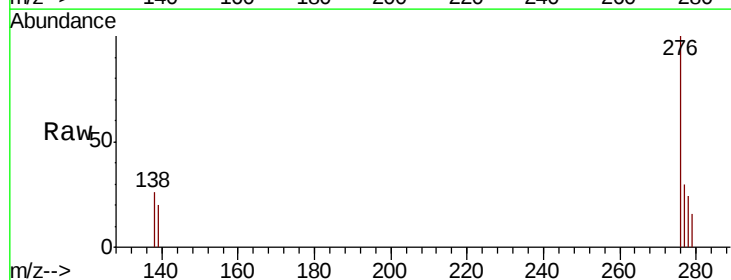
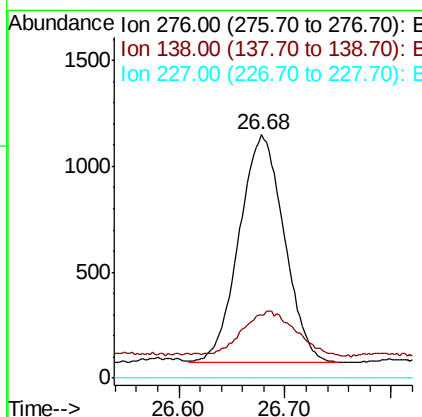
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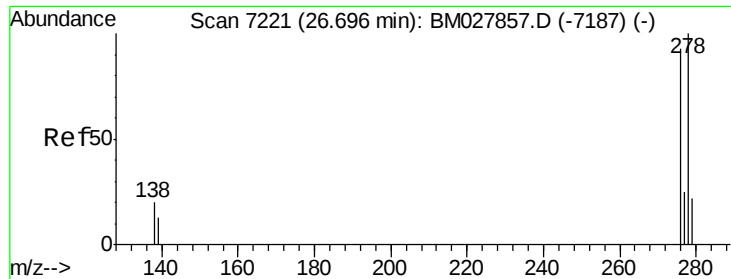
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#24
Indeno(1,2,3-cd)pyrene
Concen: 0.326 ng/u1
RT: 26.68 min Scan# 7213
Delta R.T. -0.01 min
Lab File: BM027868.D
Acq: 21 Nov 2020 00:39

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.2	15.7	23.5
227	0.0	0.0	0.0





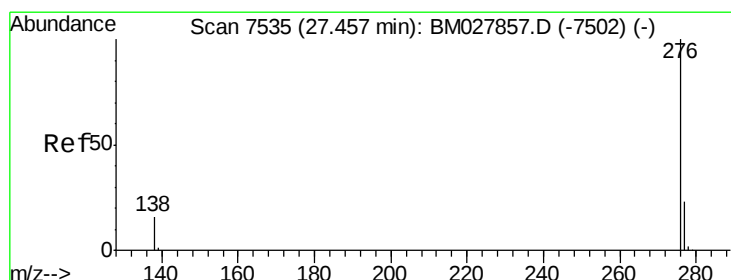
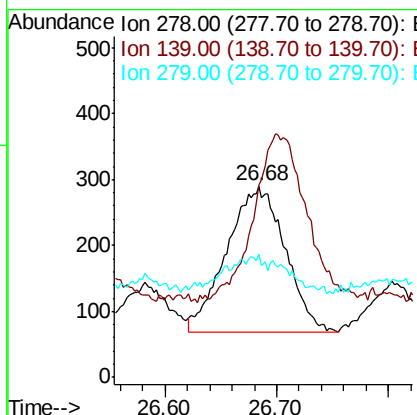
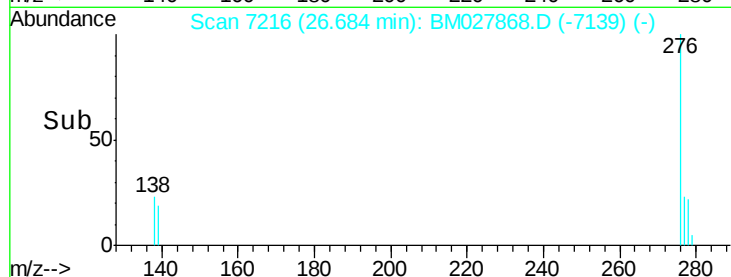
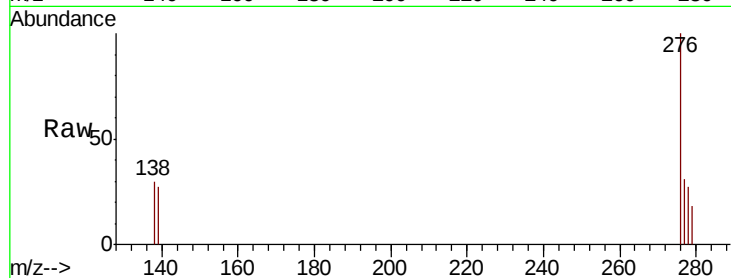
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Dibenzo(a,h)anthracene
Concen: 0.102 ng/ul
RT: 26.68 min Scan# 7216
Delta R.T. -0.01 min
Lab File: BM027868.D
Acq: 21 Nov 2020 00:39

Instrument :
BNA_M
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
278	100		
139	100.3	14.8	22.2#
279	64.8	25.8	38.6#

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#26
Benzo(g,h,i)perylene
Concen: 0.343 ng/ul
RT: 27.45 min Scan# 7531
Delta R.T. -0.01 min
Lab File: BM027868.D
Acq: 21 Nov 2020 00:39

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.1	17.4	26.2
277	29.9	22.5	33.7

