

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112320\
 Data File : BM027933.D
 Acq On : 24 Nov 2020 09:04
 Operator : JU/CG
 Sample : L4749-01
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0B11

Manual Integrations
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Quant Time: Nov 24 10:36:23 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	8.32	152	863	0.40	ng/ul	0.00
2) Naphthalene-d8	11.16	136	3404	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.94	164	2035	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.66	188	4136	0.40	ng/ul	0.00
16) Chrysene-d12	21.76	240	2644	0.40	ng/ul	0.00
20) Perylene-d12	24.18	264	2150	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.72	152	836	0.15	ng/ul	0.00
14) Fluoranthene-d10	19.65	212	1639	0.15	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.21	128	257	0.025	ng/ul#	48
5) 2-Methylnaphthalene	12.80	142	163	0.023	ng/ul	97
12) Phenanthrene	17.70	178	3467	0.265	ng/ul	99
13) Anthracene	17.79	178	607	0.048	ng/ul#	73
15) Fluoranthene	19.68	202	10317	0.712	ng/ul	96
17) Pyrene	20.04	202	9024	0.672	ng/ul	96
18) Benzo(a)anthracene	21.75	228	4031	0.378	ng/ul	96
19) Chrysene	21.80	228	4690	0.451	ng/ul	97
21) Benzo(b)fluoranthene	23.45	252	5118m	0.566	ng/ul	
22) Benzo(k)fluoranthene	23.49	252	1893m	0.214	ng/ul	
23) Benzo(a)pyrene	24.08	252	3387	0.429	ng/ul#	94
24) Indeno(1,2,3-cd)pyrene	26.68	276	2298	0.269	ng/ul#	100
25) Dibenzo(a,h)anthracene	26.68	278	629	0.088	ng/ul#	23
26) Benzo(g,h,i)perylene	27.45	276	2150	0.300	ng/ul#	91

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

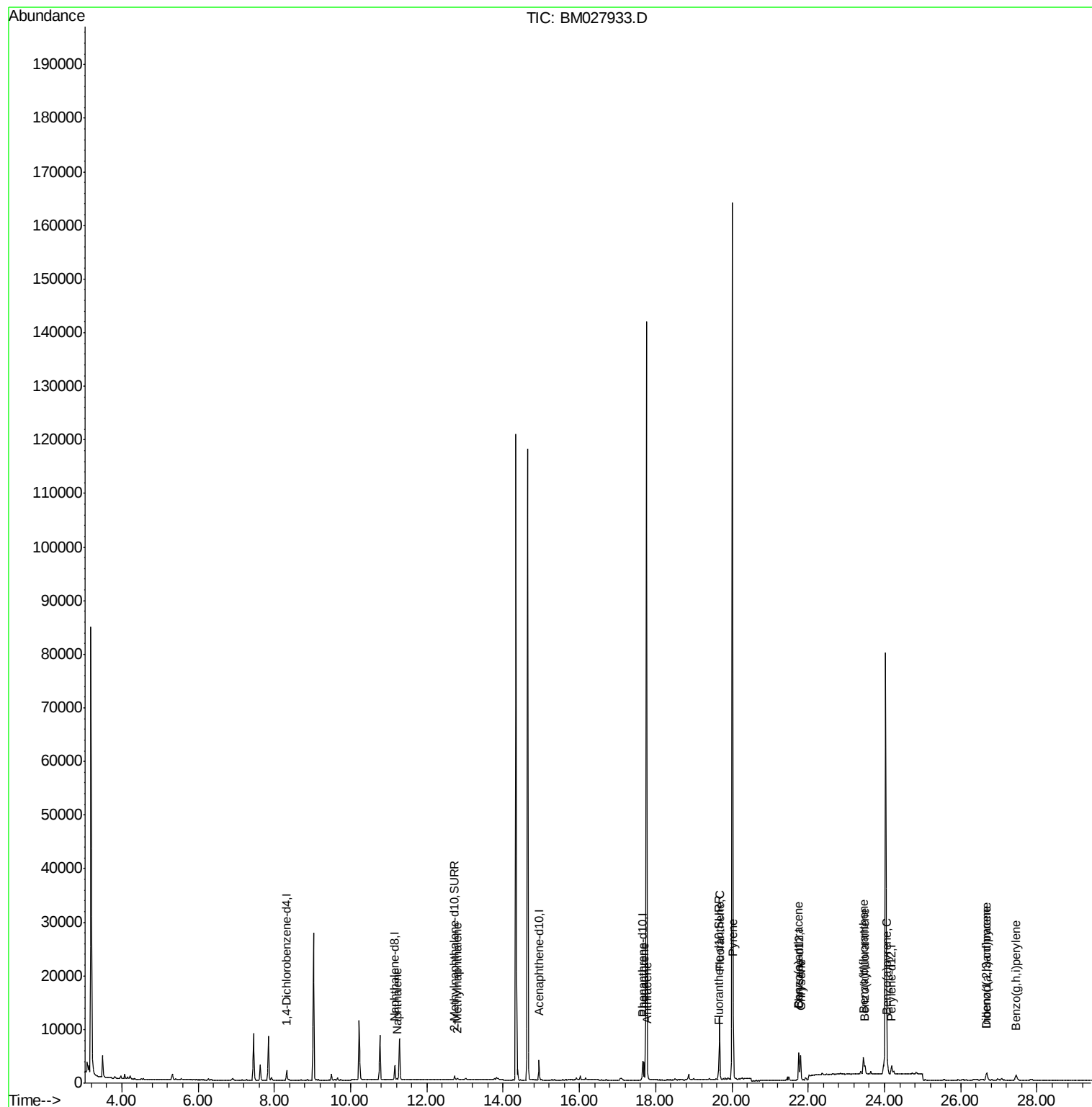
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112320\
Data File : BM027933.D
Acq On : 24 Nov 2020 09:04
Operator : JU/CG
Sample : L4749-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

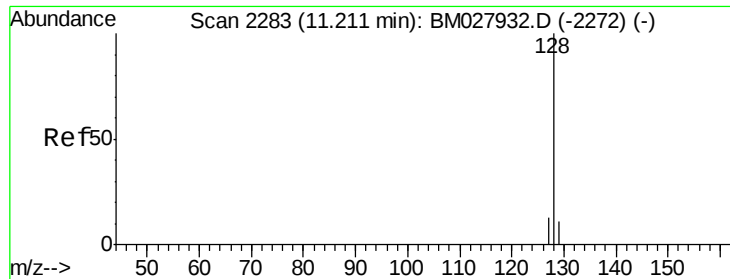
Instrument :
BNA_M
ClientSampleId :
C0B11

Quant Time: Nov 24 10:36:23 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: 0.025 ng/ul

RT: 11.21 min Scan# 2283

Delta R.T. -0.00 min

Lab File: BM027933.D

Acq: 24 Nov 2020 09:04

Instrument :

BNA_M

ClientSampleId :

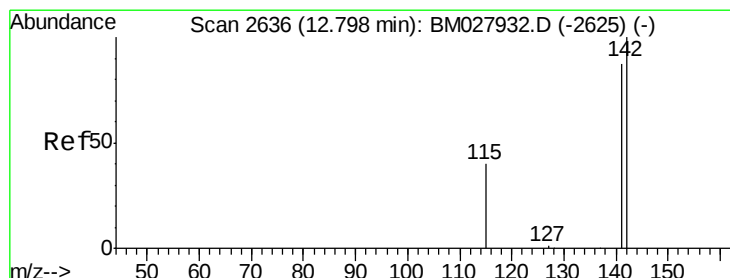
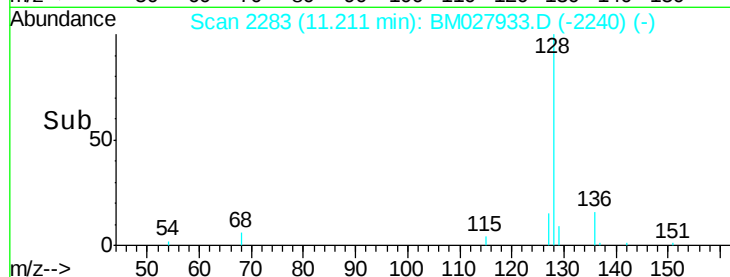
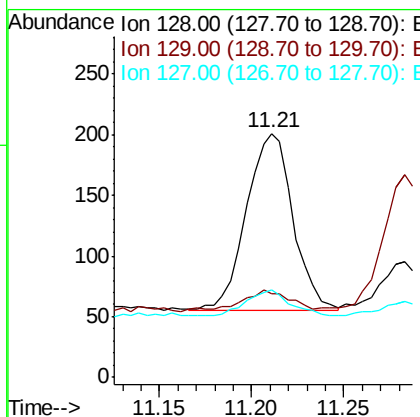
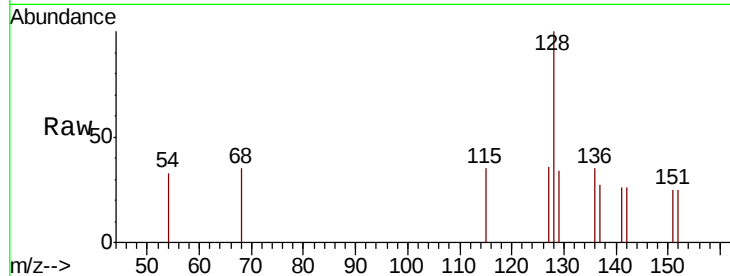
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Tot Ion:128 Resp: 257

Ion	Ratio	Lower	Upper
128	100		
129	34.3	10.4	15.6#
127	35.8	12.0	18.0#

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#5

2-Methylnaphthalene

Concen: 0.023 ng/ul

RT: 12.80 min Scan# 2636

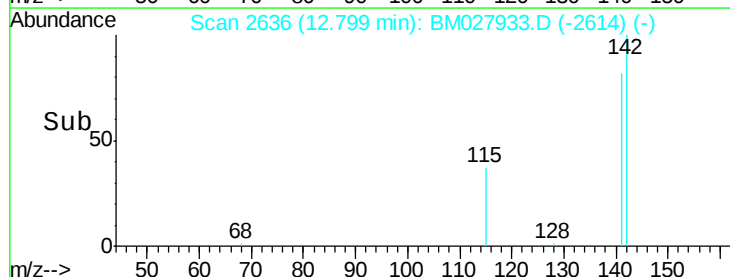
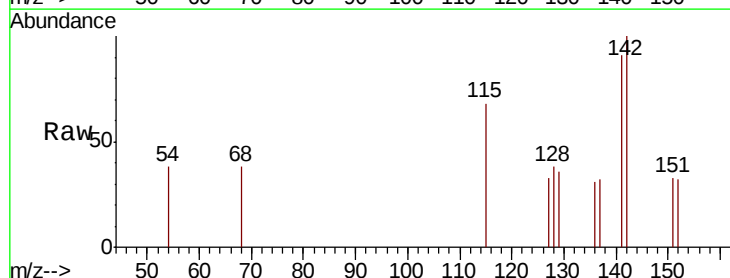
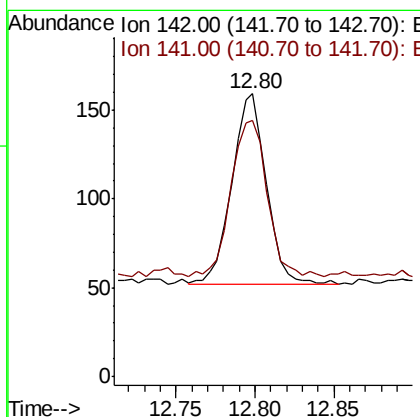
Delta R.T. 0.00 min

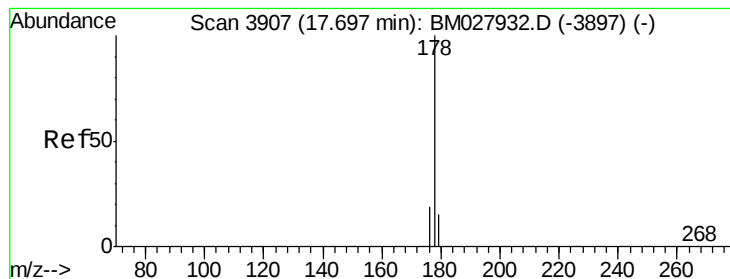
Lab File: BM027933.D

Acq: 24 Nov 2020 09:04

Tgt Ion:142 Resp: 163

Ion	Ratio	Lower	Upper
142	100		
141	87.1	71.6	107.4





#12

Phenanthrene

Concen: 0.265 ng/ul

RT: 17.70 min Scan# 3908

Delta R.T. 0.00 min

Lab File: BM027933.D

Acq: 24 Nov 2020 09:04

Instrument :

BNA_M

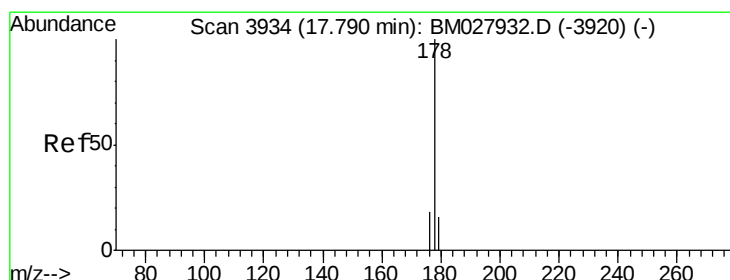
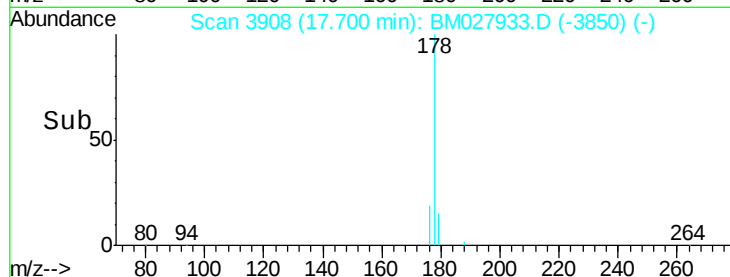
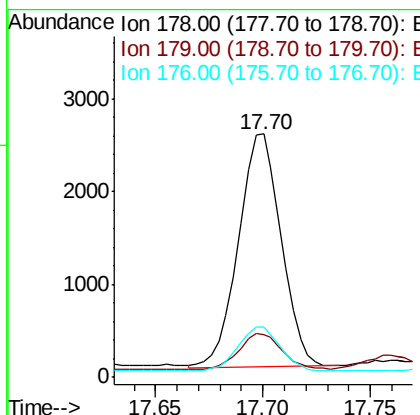
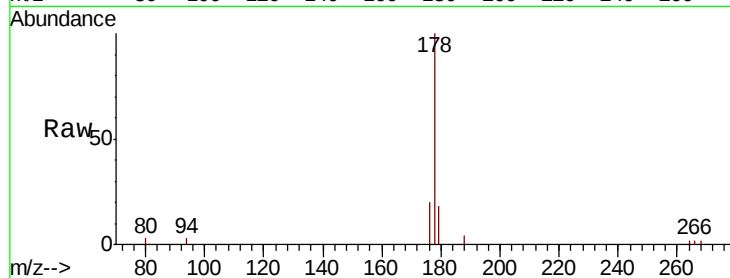
ClientSampleId :

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Tot Ion	Ratio	Lower	Upper
178	100		
179	17.8	13.6	20.4
176	20.5	16.1	24.1

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#13

Anthracene

Concen: 0.048 ng/ul

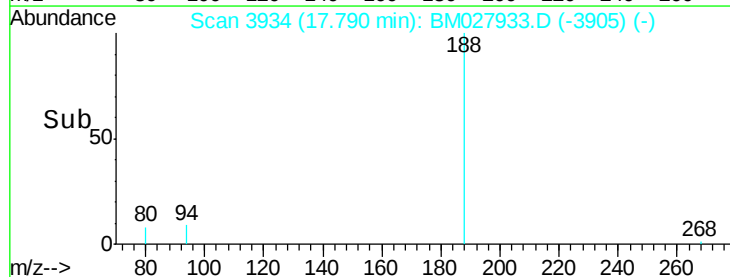
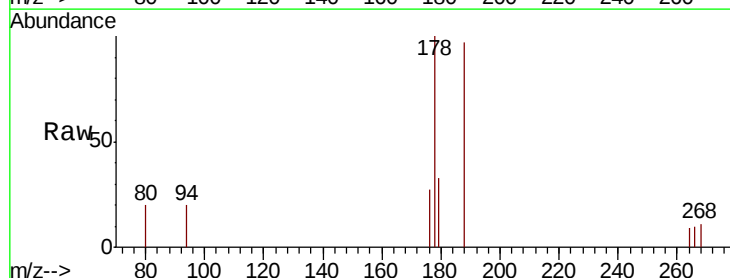
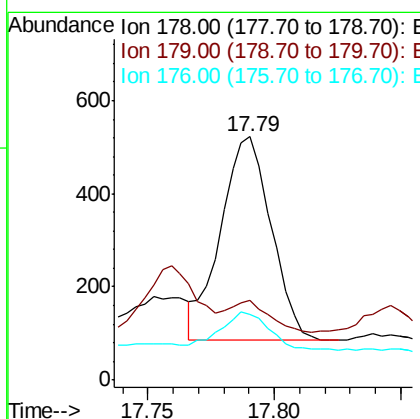
RT: 17.79 min Scan# 3934

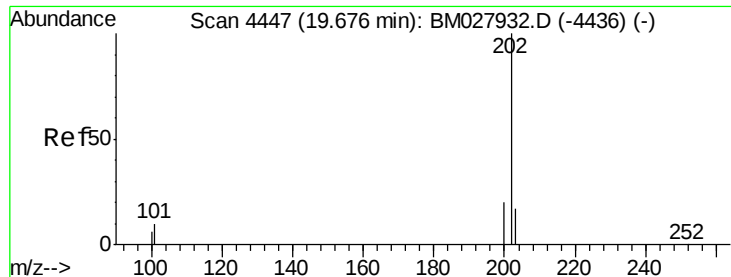
Delta R.T. 0.00 min

Lab File: BM027933.D

Acq: 24 Nov 2020 09:04

Tgt Ion	Ratio	Lower	Upper
178	100		
179	32.7	13.4	20.2#
176	26.8	15.0	22.6#





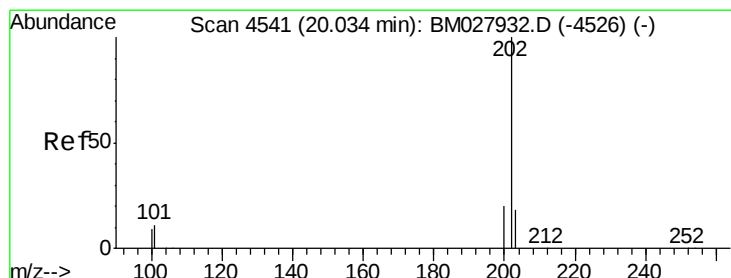
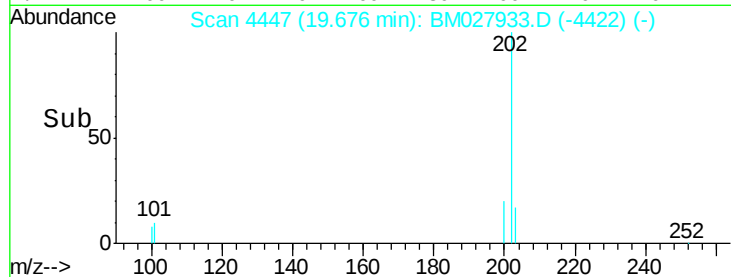
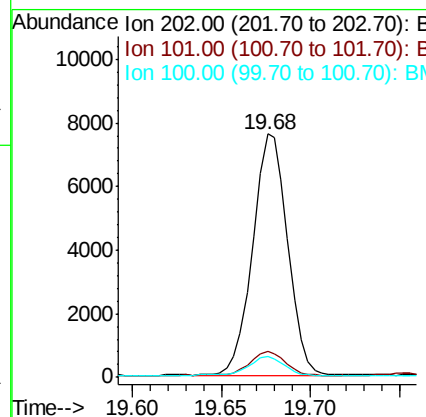
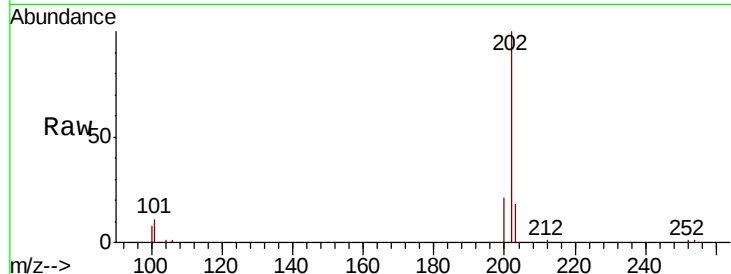
#15
Fluoranthene
Concen: 0.712 ng/ul
RT: 19.68 min Scan# 4447
Delta R.T. -0.00 min
Lab File: BM027933.D
Acq: 24 Nov 2020 09:04

Instrument :
BNA_M
ClientSampleId :
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Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.8	0.0	29.3
100	8.4	0.0	27.4

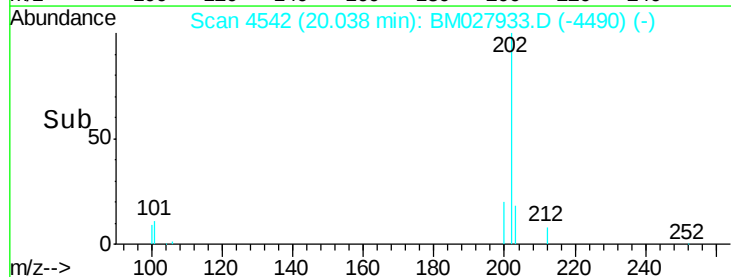
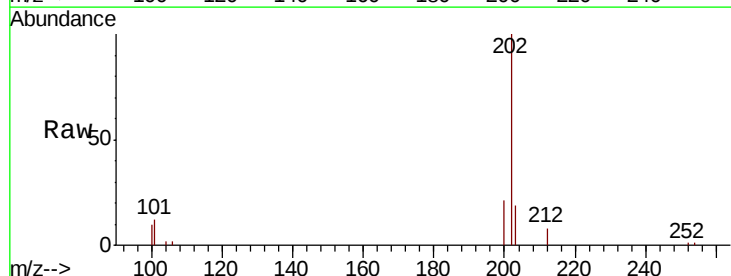
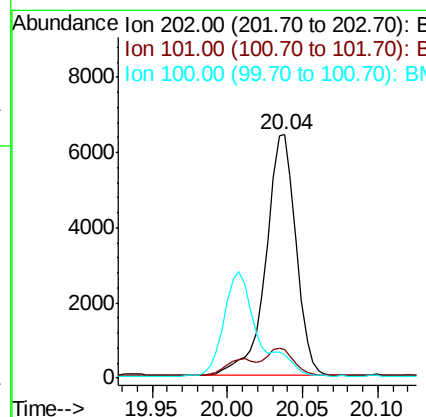
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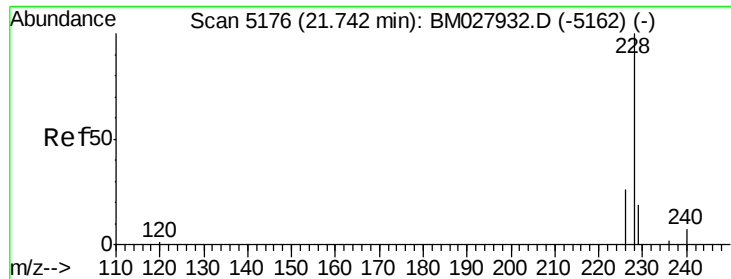
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#17
Pyrene
Concen: 0.672 ng/ul
RT: 20.04 min Scan# 4542
Delta R.T. 0.00 min
Lab File: BM027933.D
Acq: 24 Nov 2020 09:04

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	11.7	8.2	12.2
100	9.7	6.9	10.3





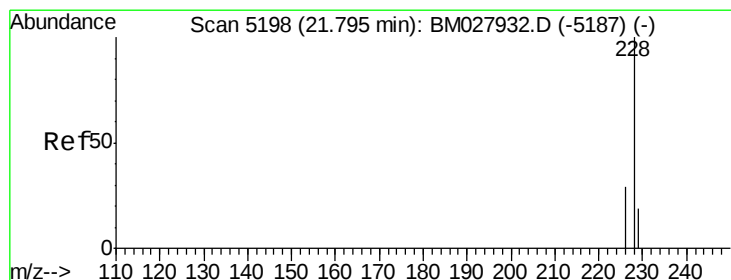
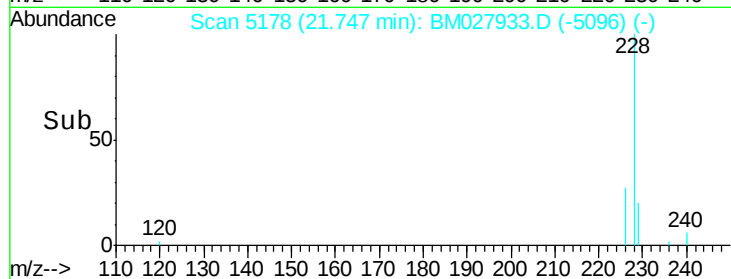
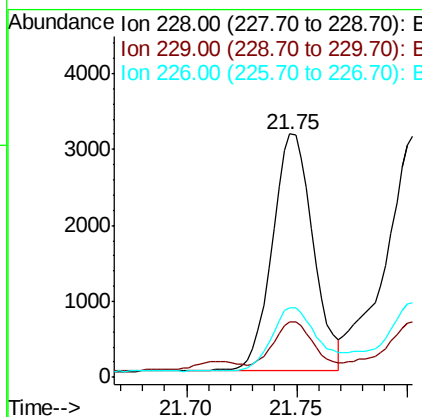
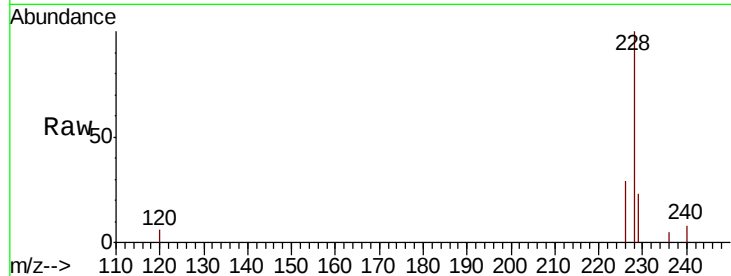
#18
Benzo(a)anthracene
Concen: 0.378 ng/ul
RT: 21.75 min Scan# 5178
Delta R.T. -0.00 min
Lab File: BM027933.D
Acq: 24 Nov 2020 09:04

Instrument :
BNA_M
ClientSampleId :
C0B11

Tot Ion	Ratio	Lower	Upper
228	100		
229	22.6	16.2	24.4
226	28.8	21.5	32.3

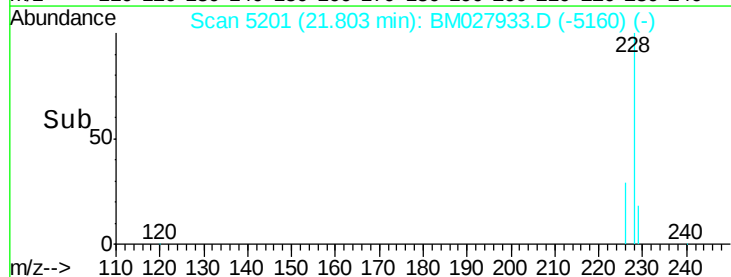
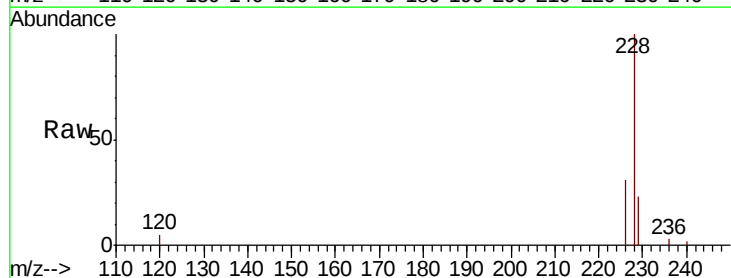
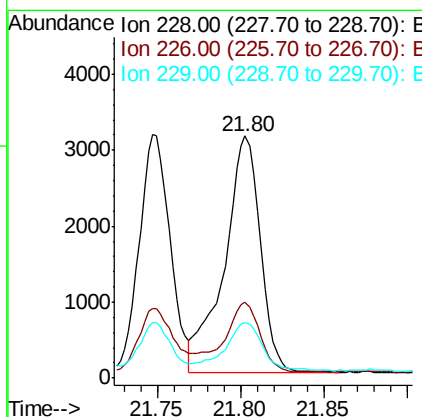
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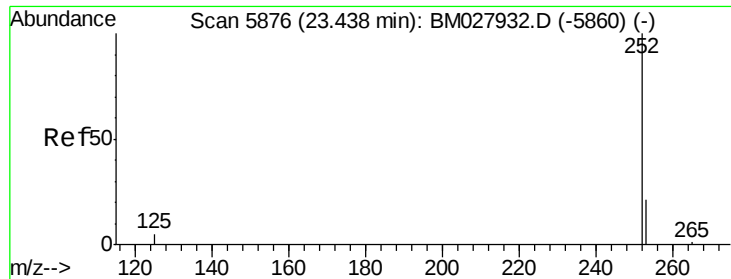
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#19
Chrysene
Concen: 0.451 ng/ul
RT: 21.80 min Scan# 5201
Delta R.T. 0.00 min
Lab File: BM027933.D
Acq: 24 Nov 2020 09:04

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.1	36.1
229	22.8	16.6	24.8





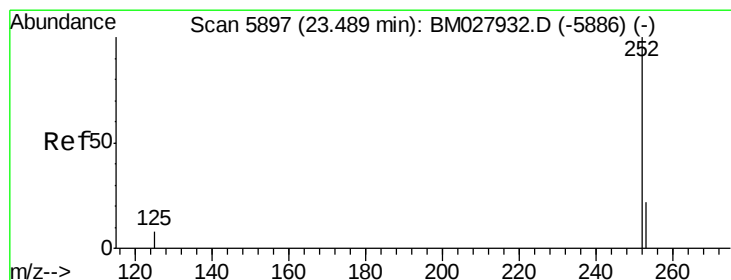
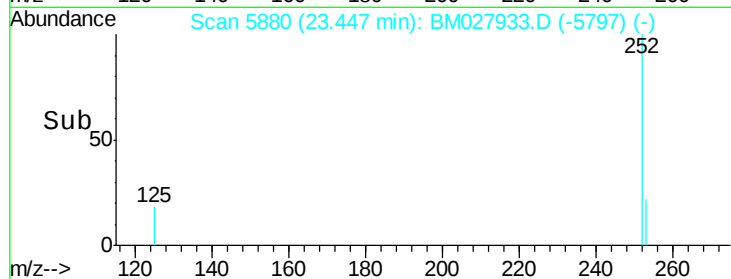
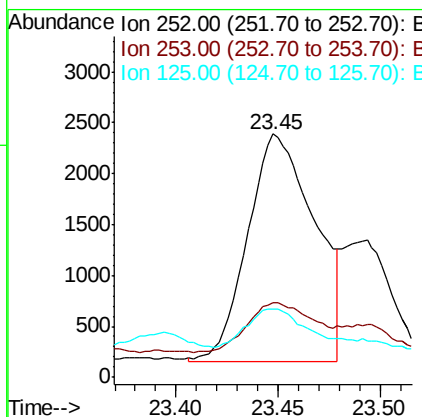
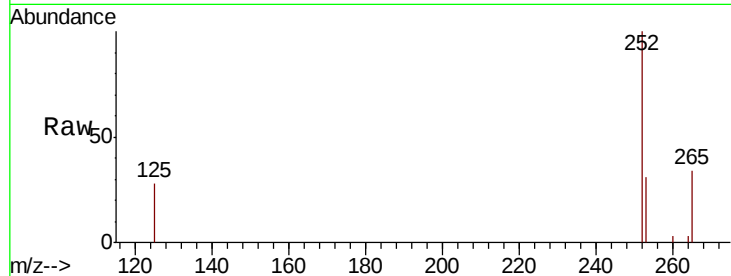
#21
Benzo(b)fluoranthene
Concen: 0.566 ng/ul m
RT: 23.45 min Scan# 5880
Delta R.T. 0.00 min
Lab File: BM027933.D
Acq: 24 Nov 2020 09:04

Instrument :
BNA_M
ClientSampleId :
C0B11

Tot Ion	Ratio	Lower	Upper
252	100		
253	30.8	0.0	59.6
125	28.2	0.0	28.4

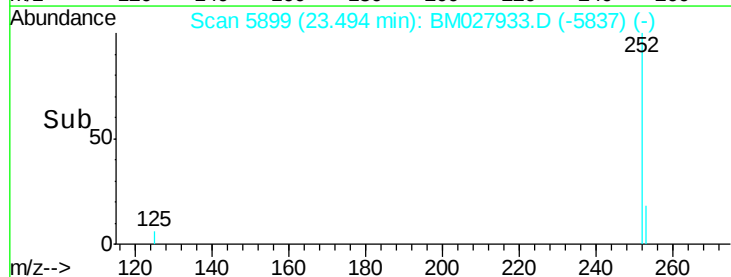
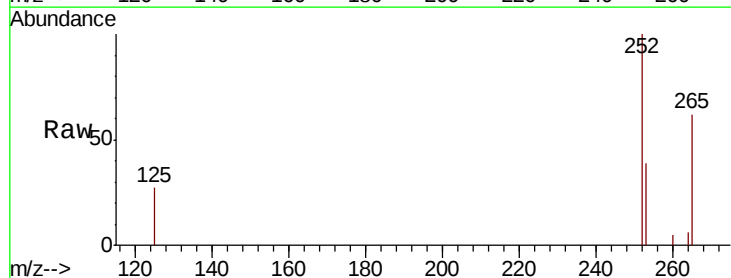
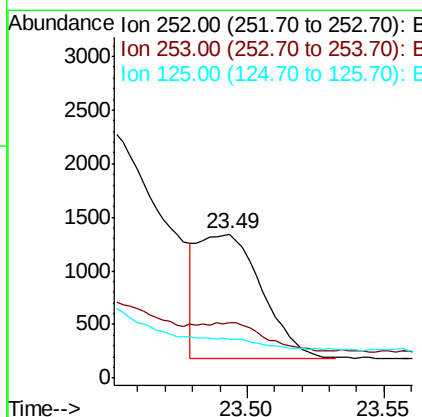
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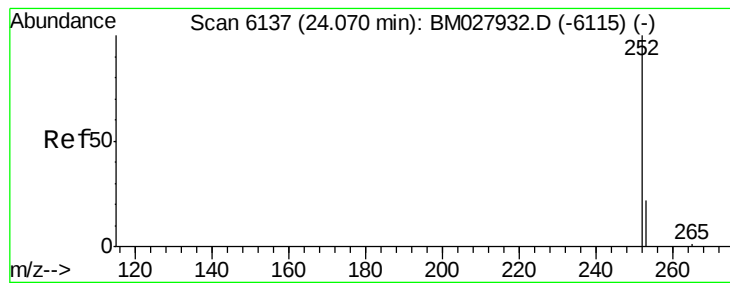
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#22
Benzo(k)fluoranthene
Concen: 0.214 ng/ul m
RT: 23.49 min Scan# 5899
Delta R.T. 0.00 min
Lab File: BM027933.D
Acq: 24 Nov 2020 09:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	38.8	23.2	34.8#
125	26.7	11.8	17.6#





#23

Benzo(a)pyrene

Concen: 0.429 ng/ul

RT: 24.08 min Scan# 6140

Delta R.T. 0.00 min

Lab File: BM027933.D

Acq: 24 Nov 2020 09:04

Instrument :

BNA_M

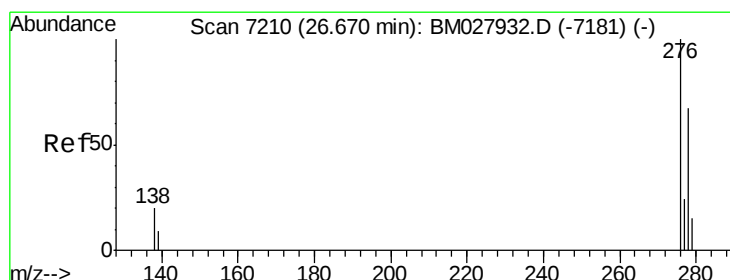
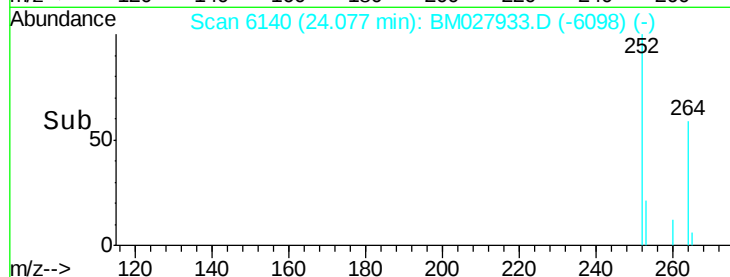
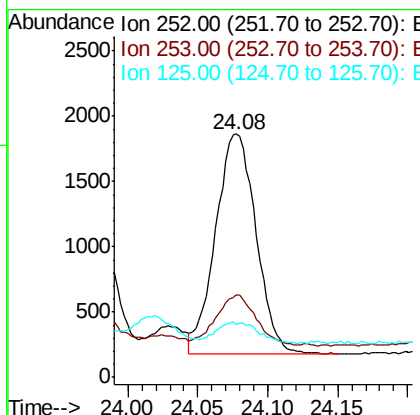
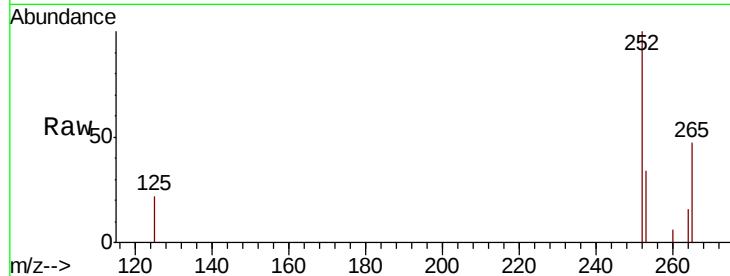
ClientSampleId :

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Tot Ion:	252	Resp:	3387
Ion Ratio	Lower	Upper	
252	100		
253	33.7	25.2	37.8
125	21.9	13.8	20.6

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.269 ng/ul

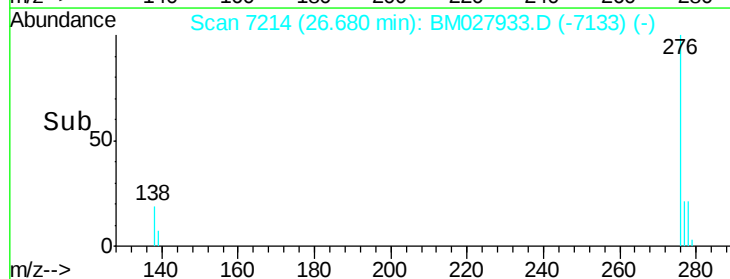
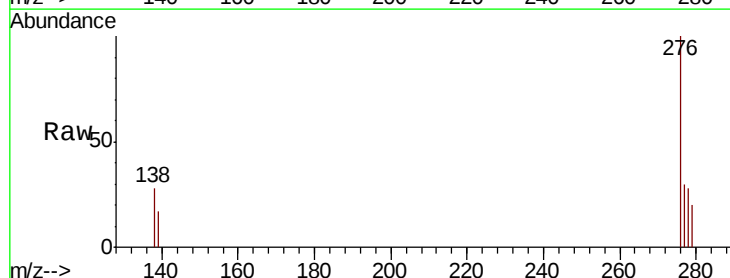
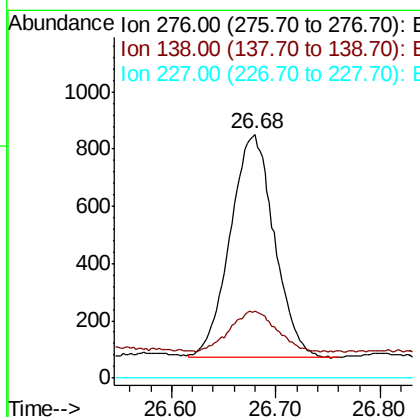
RT: 26.68 min Scan# 7214

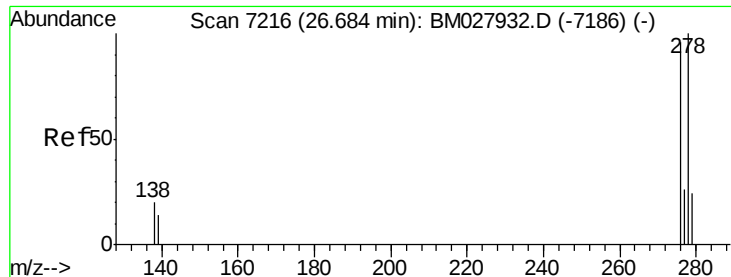
Delta R.T. -0.00 min

Lab File: BM027933.D

Acq: 24 Nov 2020 09:04

Tgt Ion:	276	Resp:	2298
Ion Ratio	Lower	Upper	
276	100		
138	19.5	15.7	23.5
227	0.0	0.0	0.0





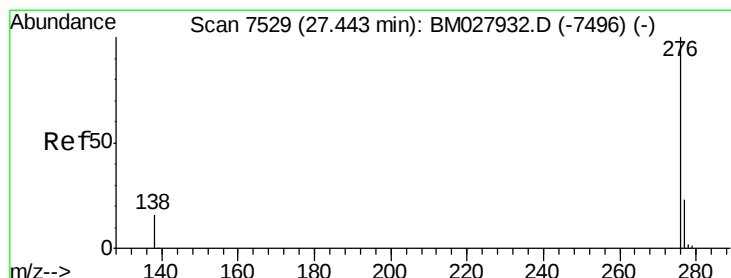
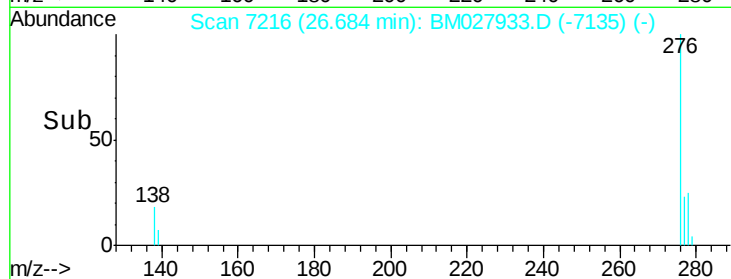
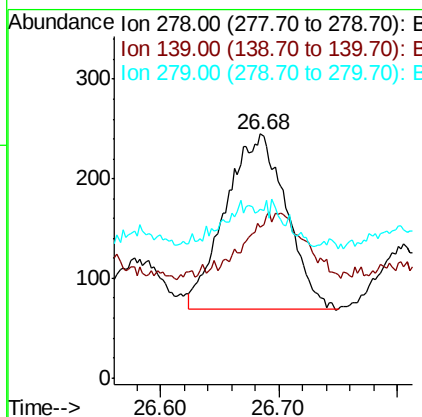
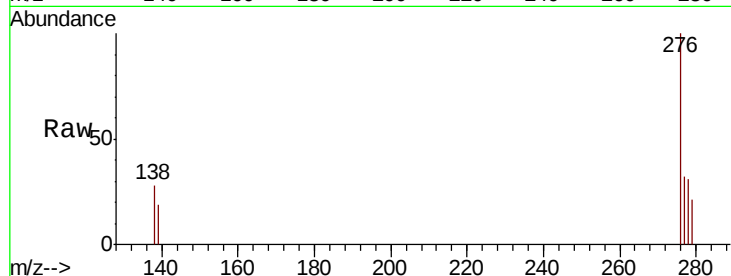
#25
Dibenzo(a,h)anthracene
Concen: 0.088 ng/ul
RT: 26.68 min Scan# 7216
Delta R.T. -0.00 min
Lab File: BM027933.D
Acq: 24 Nov 2020 09:04

Instrument :
BNA_M
ClientSampleId :
C0B11

Tot Ion	Ratio	Lower	Upper
278	100		
139	61.6	14.8	22.2#
279	69.0	25.8	38.6#

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#26
Benzo(g,h,i)perylene
Concen: 0.300 ng/ul
RT: 27.45 min Scan# 7533
Delta R.T. -0.00 min
Lab File: BM027933.D
Acq: 24 Nov 2020 09:04

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.0	17.4	26.2#
277	32.4	22.5	33.7

