

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112520\
 Data File : BM027958.D
 Acq On : 25 Nov 2020 11:45
 Operator : JU/CG
 Sample : L4751-11DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0B82DL

Manual Integrations
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mohammad
 11/27/2020 11:43:07 AM

Quant Time: Nov 25 12:18:05 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 : Wed Nov 25 10:43:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.32	152	1063	0.40	ng/ul	0.00
2) Naphthalene-d8	11.16	136	4152	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.94	164	2296	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.65	188	3950	0.40	ng/ul	0.00
16) Chrysene-d12	21.76	240	2252	0.40	ng/ul	0.00
20) Perylene-d12	24.18	264	2184	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.72	152	172	0.02	ng/ul	0.00
14) Fluoranthene-d10	19.65	212	241	0.02	ng/ul	0.00
Target Compounds				Ovalue		
8) Acenaphthene	15.00	153	274	0.033	ng/ul	95
9) Fluorene	15.98	166	420	0.043	ng/ul#	95
12) Phenanthrene	17.70	178	16648	1.334	ng/ul	97
13) Anthracene	17.79	178	2269	0.189	ng/ul	96
15) Fluoranthene	19.68	202	42903	3.101	ng/ul	100
17) Pyrene	20.03	202	31810	2.781	ng/ul	97
18) Benzo(a)anthracene	21.74	228	13598	1.497	ng/ul	99
19) Chrysene	21.80	228	16277	1.839	ng/ul	99
21) Benzo(b)fluoranthene	23.44	252	21255m	2.316	ng/ul	
22) Benzo(k)fluoranthene	23.49	252	7553m	0.840	ng/ul	
23) Benzo(a)pyrene	24.07	252	12122	1.511	ng/ul#	88
24) Indeno(1,2,3-cd)pyrene	26.67	276	9113	1.049	ng/ul#	96
25) Dibenzo(a,h)anthracene	26.67	278	2320	0.321	ng/ul#	88
26) Benzo(g,h,i)perylene	27.44	276	7905	1.084	ng/ul	96

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

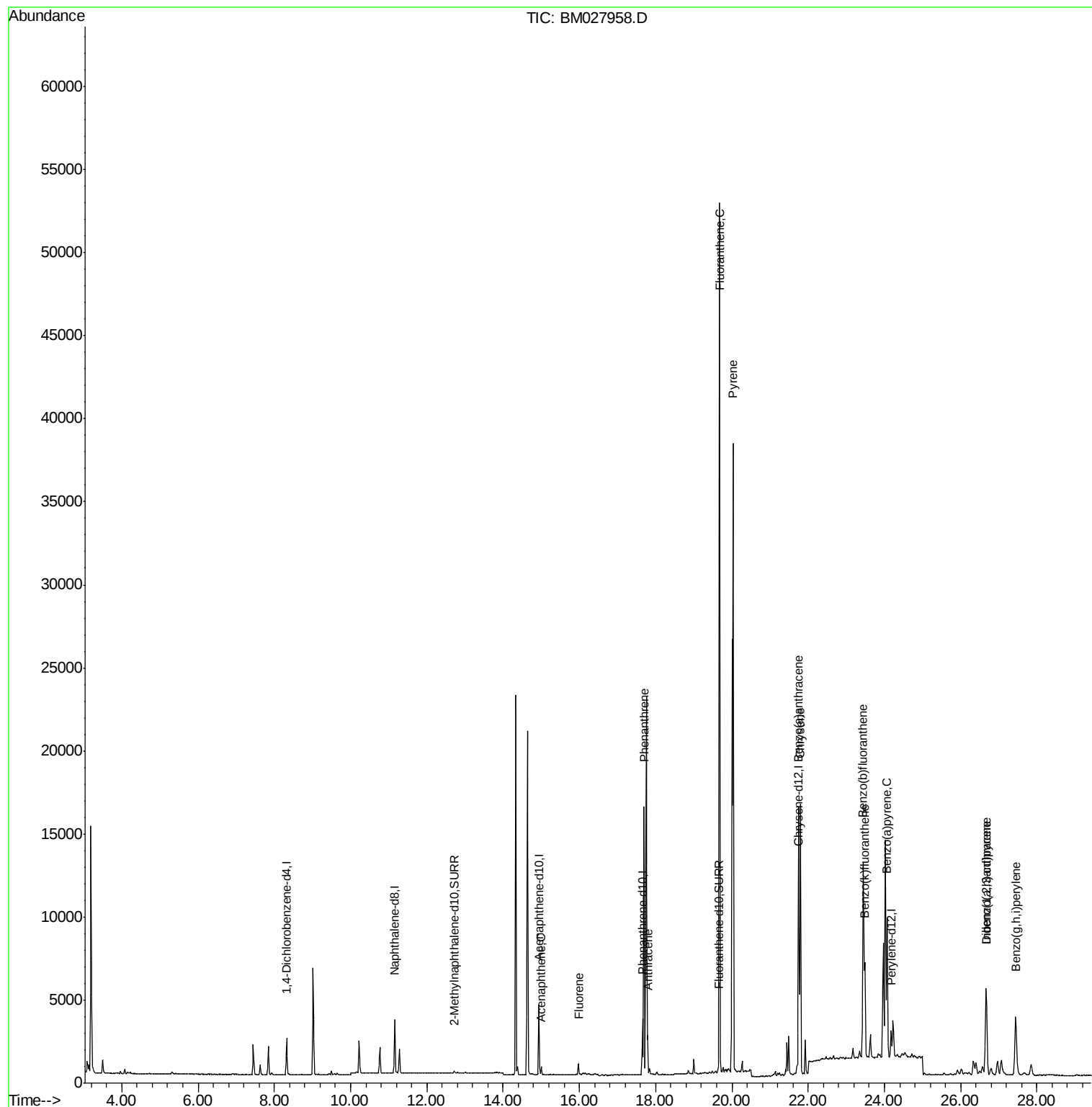
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112520\
Data File : BM027958.D
Acq On : 25 Nov 2020 11:45
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Misc :
ALS Vial : 5 Sample Multiplier: 1

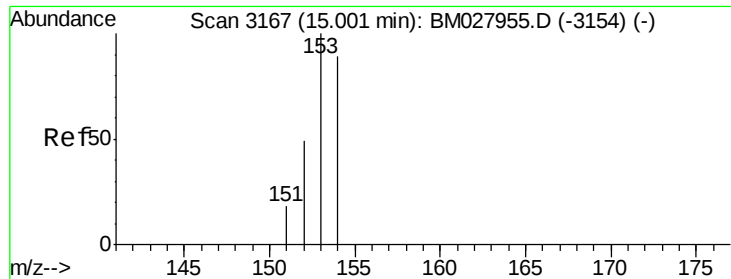
Instrument :
BNA_M
ClientSampleId :
C0B82DL

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Quant Time: Nov 25 12:18:05 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 : Wed Nov 25 10:43:32 2020
Response via : Initial Calibration





#8

Acenaphthene

Concen: 0.033 ng/ul

RT: 15.00 min Scan# 3167

Delta R.T. -0.00 min

Lab File: BM027958.D

Acq: 25 Nov 2020 11:45

Instrument :

BNA_M

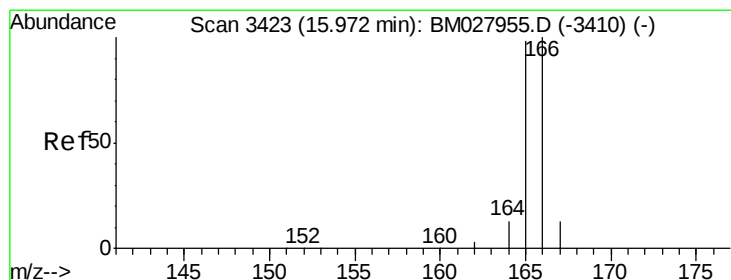
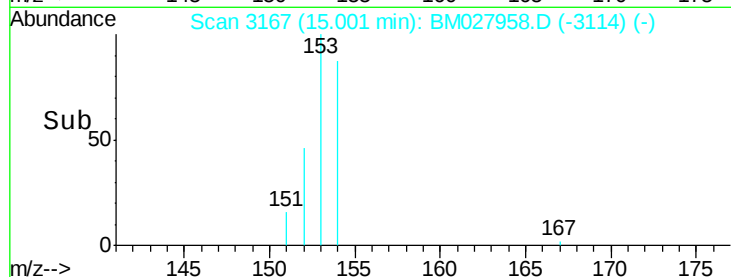
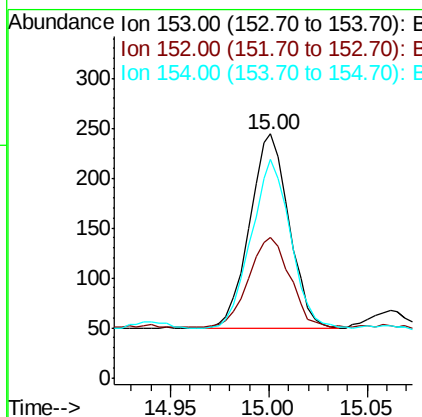
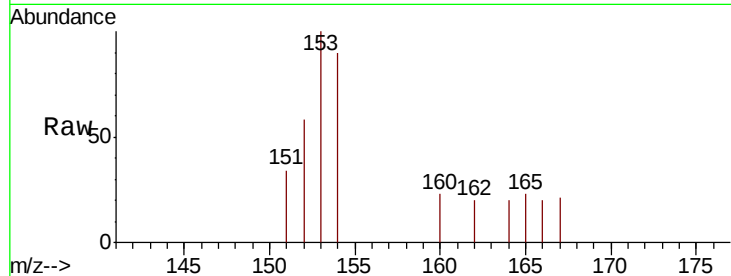
ClientSampleId :

C0B82DL

Tot Ion:	153	Resp:	274
Ion	Ratio	Lower	Upper
153	100		
152	57.8	39.0	58.6
154	89.8	71.6	107.4

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#9

Fluorene

Concen: 0.043 ng/ul

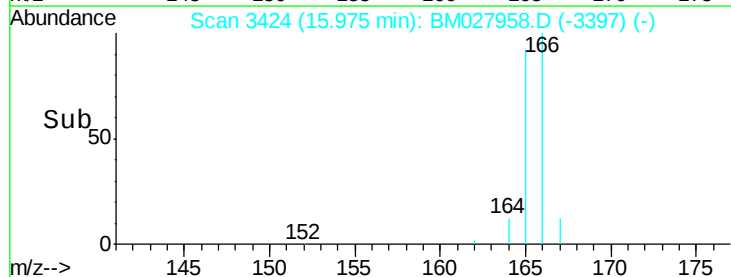
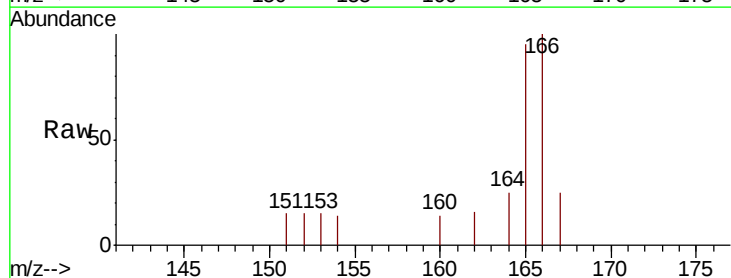
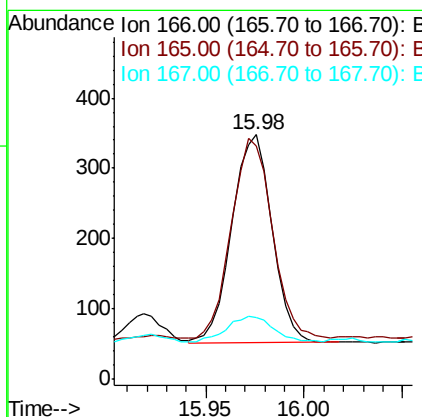
RT: 15.98 min Scan# 3424

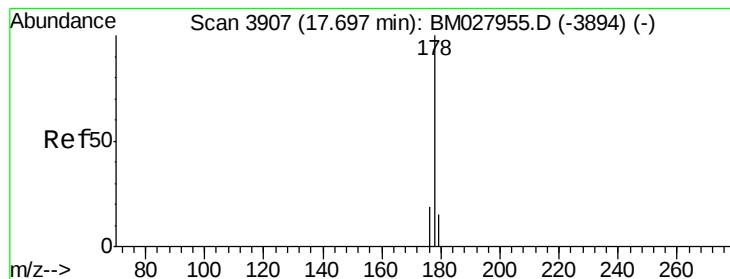
Delta R.T. 0.00 min

Lab File: BM027958.D

Acq: 25 Nov 2020 11:45

Tgt Ion:	166	Resp:	420
Ion	Ratio	Lower	Upper
166	100		
165	95.4	78.1	117.1
167	24.7	11.8	17.8#





#12

Phenanthrene

Concen: 1.334 ng/ul

RT: 17.70 min Scan# 3907

Delta R.T. -0.00 min

Lab File: BM027958.D

Acq: 25 Nov 2020 11:45

Instrument :

BNA_M

ClientSampleId :

C0B82DL

Tot Ion:178 Resp: 16648

Ion Ratio Lower Upper

178 100

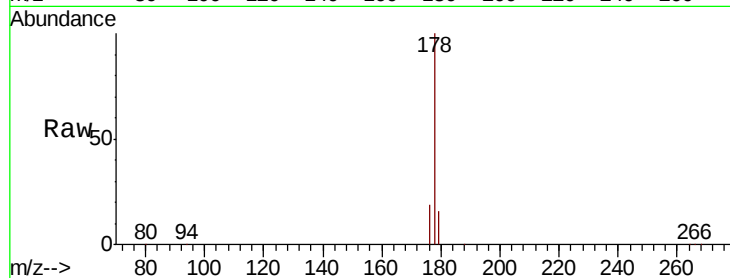
179 15.7 13.6 20.4

176 19.1 16.1 24.1

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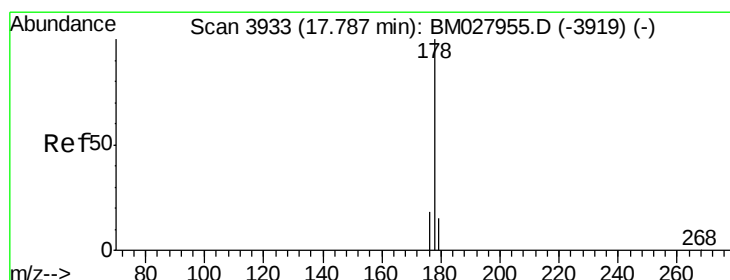
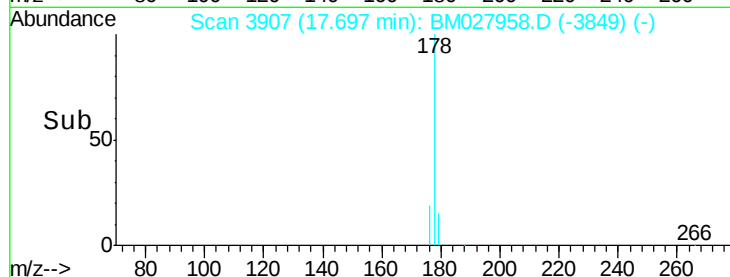
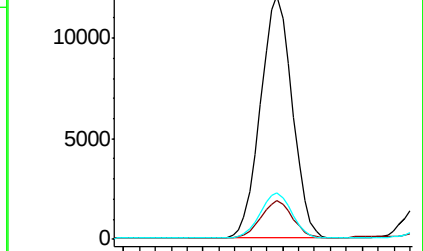
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#13

Anthracene

Concen: 0.189 ng/ul

RT: 17.79 min Scan# 3933

Delta R.T. -0.00 min

Lab File: BM027958.D

Acq: 25 Nov 2020 11:45

Tgt Ion:178 Resp: 2269

Ion Ratio Lower Upper

178 100

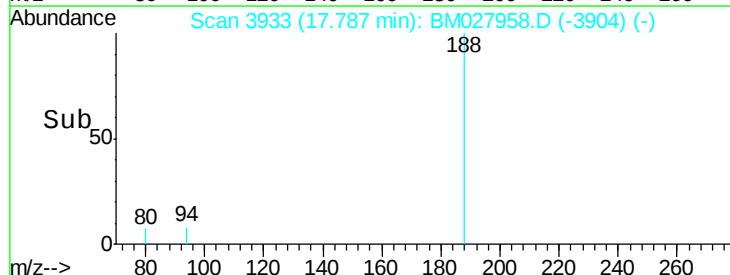
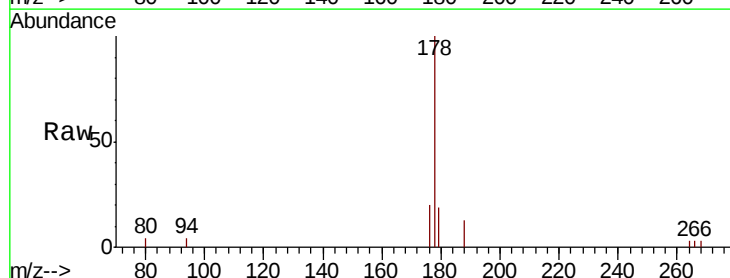
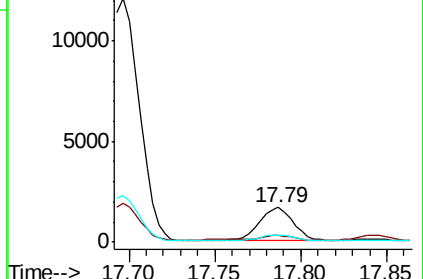
179 19.0 13.4 20.2

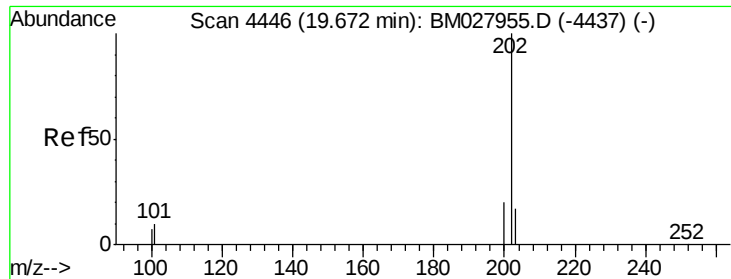
176 19.9 15.0 22.6

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: 3.101 ng/ul

RT: 19.68 min Scan# 4447

Delta R.T. 0.00 min

Lab File: BM027958.D

Acq: 25 Nov 2020 11:45

Instrument :

BNA_M

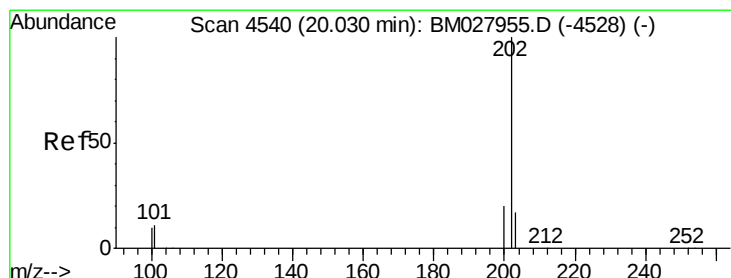
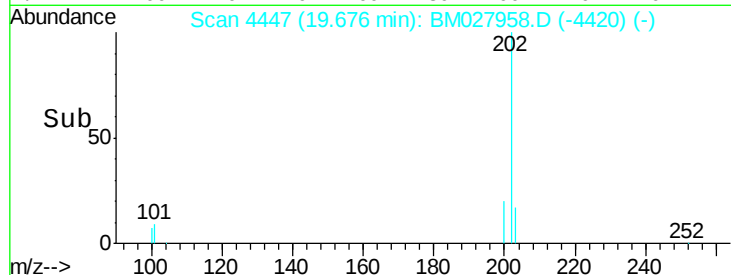
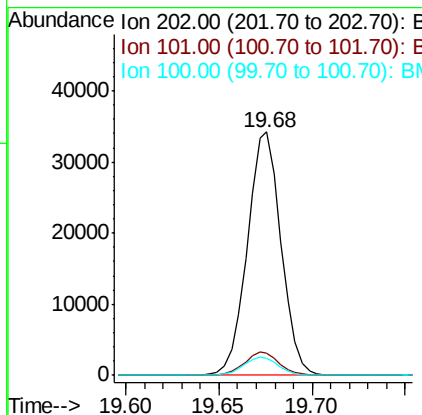
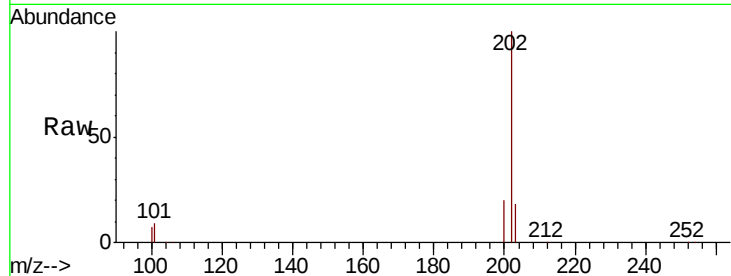
ClientSampleId :

C0B82DL

Tot Ion:	202	Resp:	42903
Ion Ratio	Lower	Upper	
202	100		
101	9.3	0.0	29.3
100	7.1	0.0	27.4

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#17

Pyrene

Concen: 2.781 ng/ul

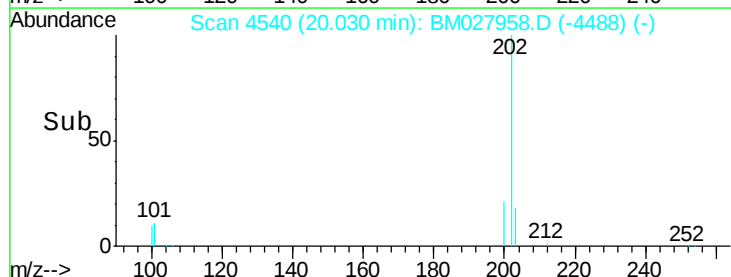
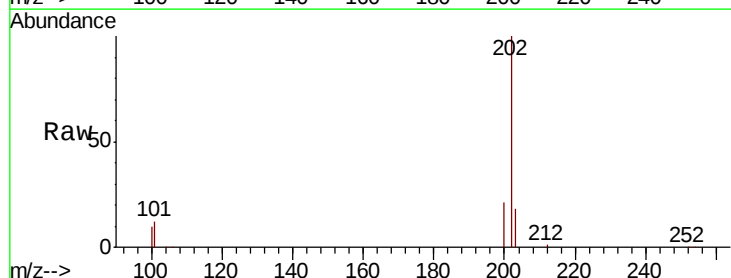
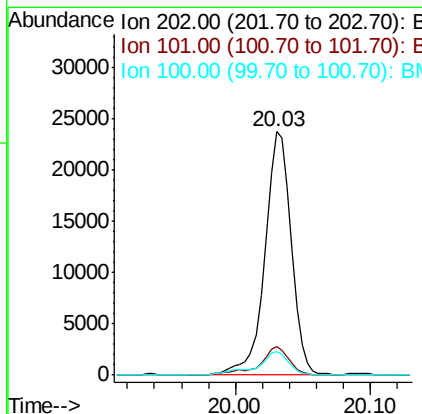
RT: 20.03 min Scan# 4540

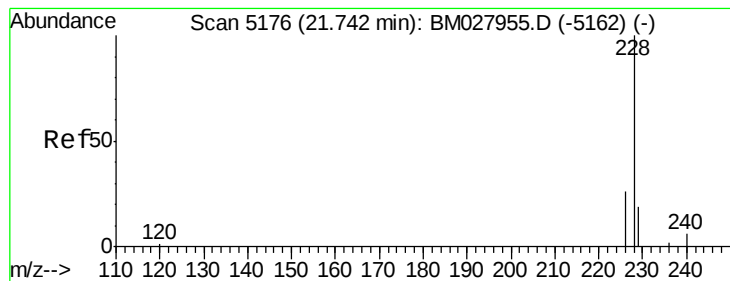
Delta R.T. -0.00 min

Lab File: BM027958.D

Acq: 25 Nov 2020 11:45

Tgt Ion:	202	Resp:	31810
Ion Ratio	Lower	Upper	
202	100		
101	11.6	8.2	12.2
100	9.7	6.9	10.3





#18

Benzo(a)anthracene

Concen: 1.497 ng/ul

RT: 21.74 min Scan# 5177

Delta R.T. 0.00 min

Lab File: BM027958.D

Acq: 25 Nov 2020 11:45

Instrument :

BNA_M

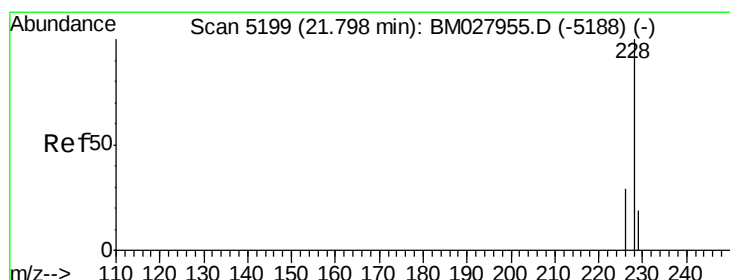
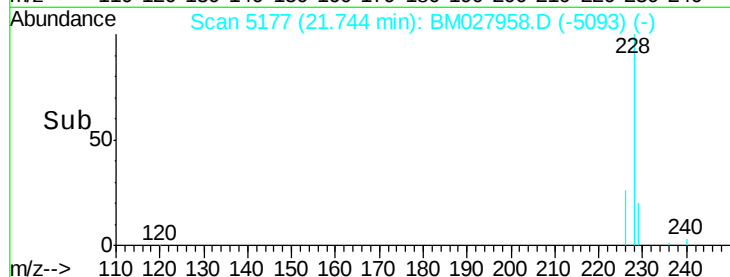
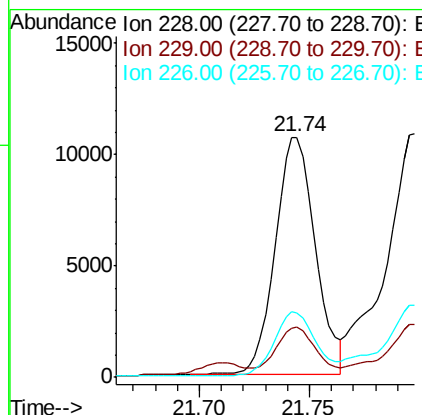
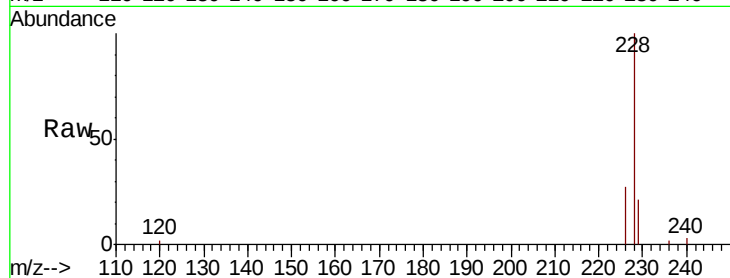
ClientSampled :

C0B82DL

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.9	16.2	24.4
226	26.8	21.5	32.3

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#19

Chrysene

Concen: 1.839 ng/ul

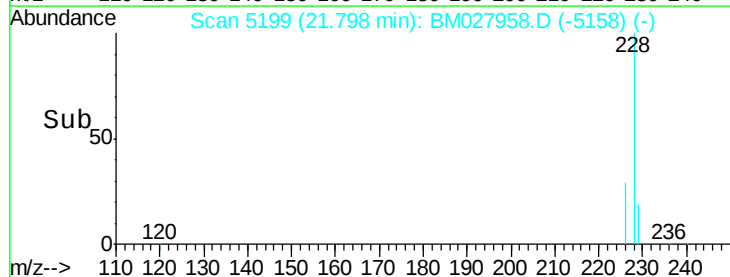
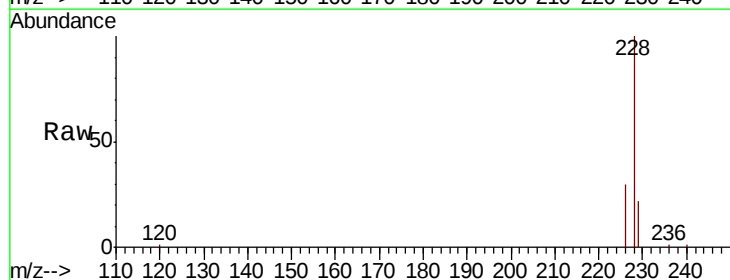
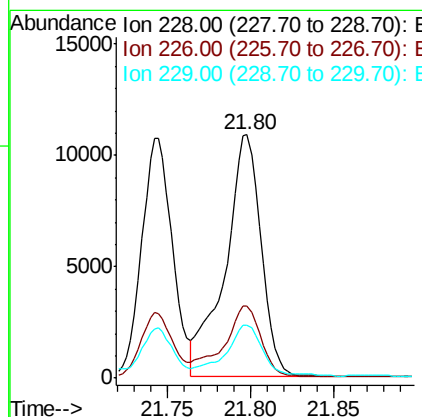
RT: 21.80 min Scan# 5199

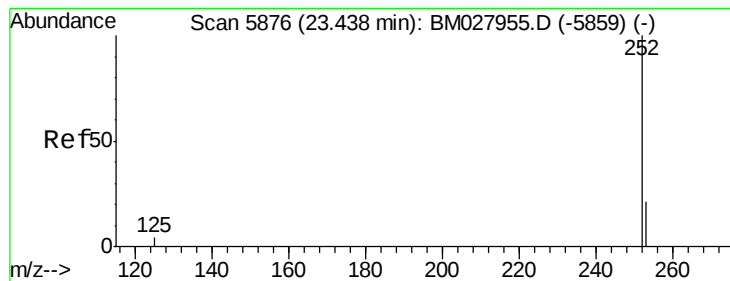
Delta R.T. -0.00 min

Lab File: BM027958.D

Acq: 25 Nov 2020 11:45

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.5	24.1	36.1
229	21.6	16.6	24.8





#21

Benzo(b)fluoranthene

Concen: 2.316 ng/ul m

RT: 23.44 min Scan# 5878

Delta R.T. 0.00 min

Lab File: BM027958.D

Acq: 25 Nov 2020 11:45

Instrument :

BNA_M

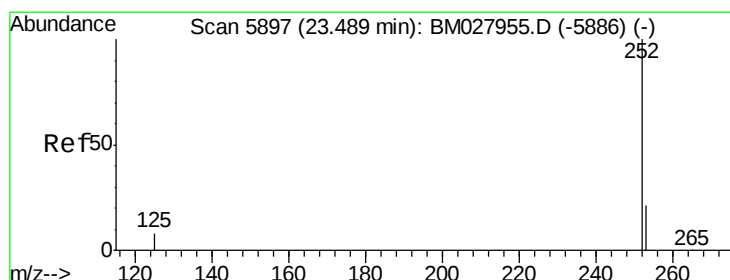
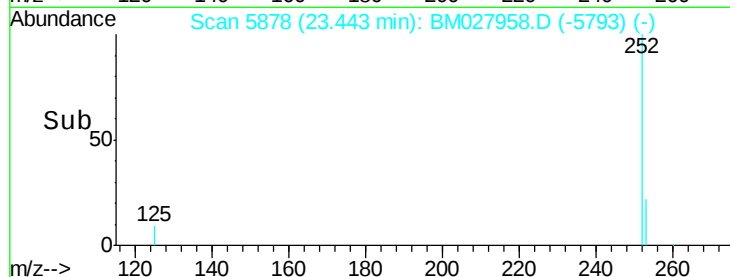
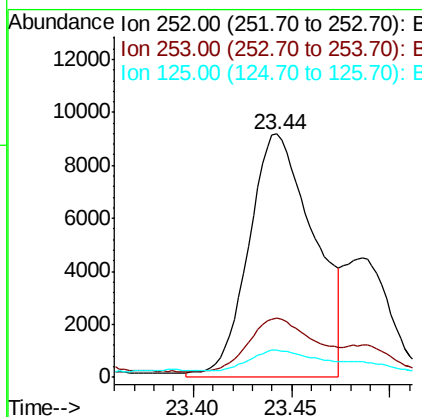
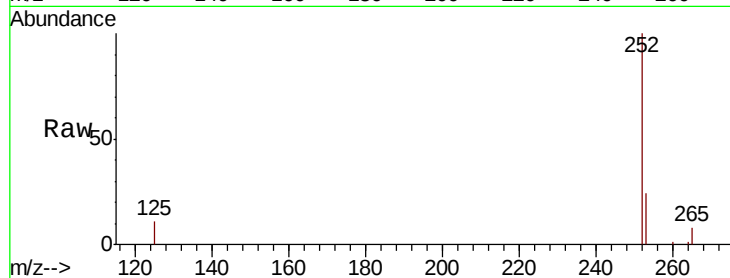
ClientSampleId :

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Tot Ion	Ratio	Lower	Upper
252	100		
253	24.2	0.0	59.6
125	11.1	0.0	28.4

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#22

Benzo(k)fluoranthene

Concen: 0.840 ng/ul m

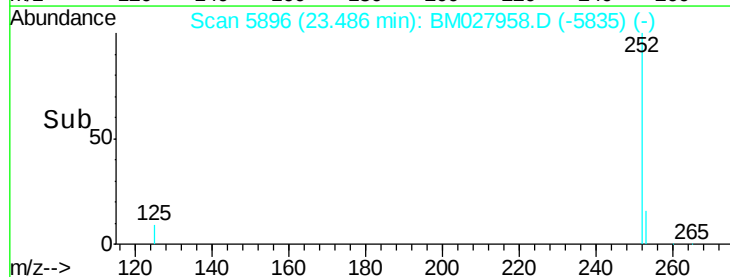
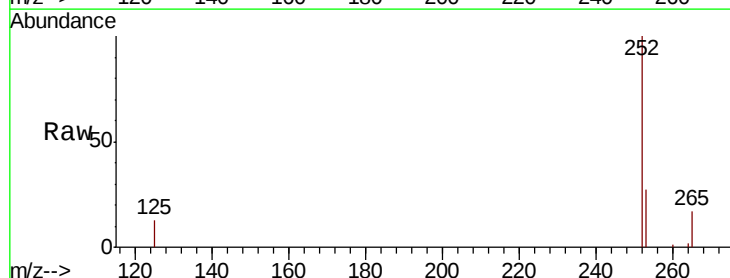
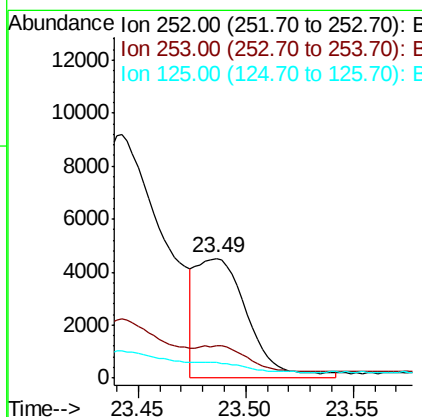
RT: 23.49 min Scan# 5896

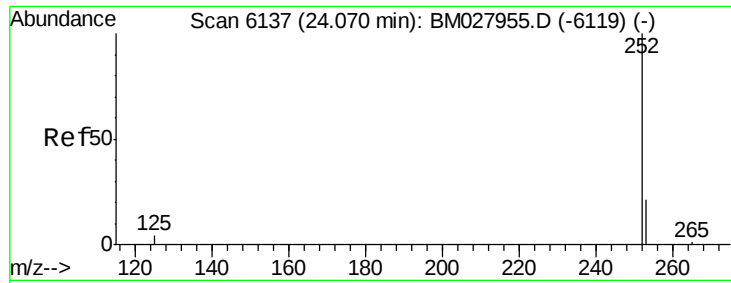
Delta R.T. -0.00 min

Lab File: BM027958.D

Acq: 25 Nov 2020 11:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.0	23.2	34.8
125	13.1	11.8	17.6





#23

Benzo(a)pyrene

Concen: 1.511 ng/ul

RT: 24.07 min Scan# 6137

Delta R.T. -0.00 min

Lab File: BM027958.D

Acq: 25 Nov 2020 11:45

Instrument :

BNA_M

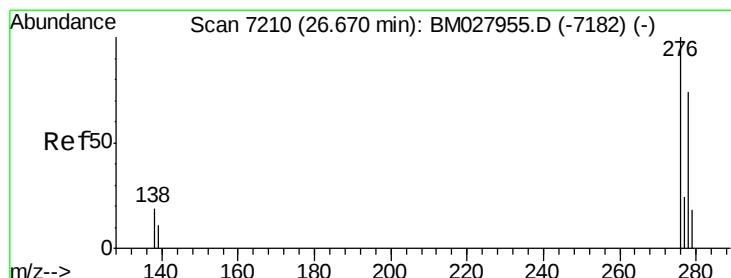
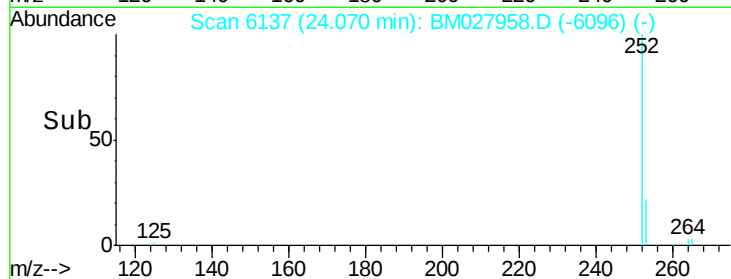
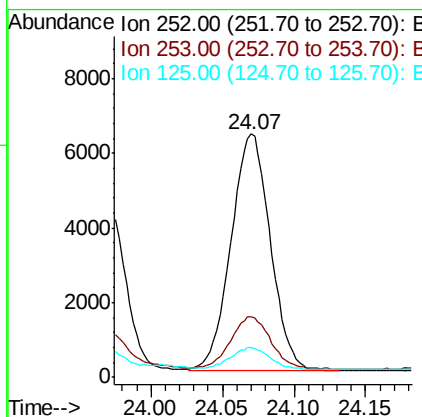
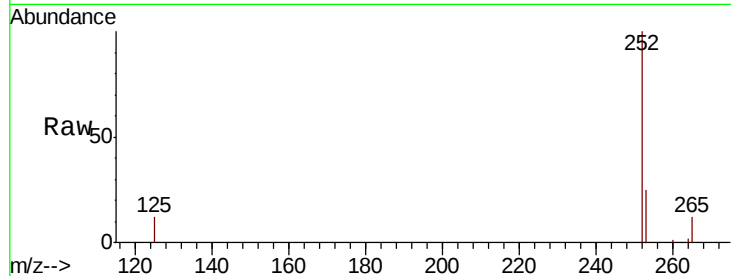
ClientSampleId :

C0B82DL

Tot Ion:	252	Resp:	12122
Ion Ratio	Lower	Upper	
252	100		
253	24.9	25.2	37.8#
125	12.1	13.8	20.6#

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#24

Indeno(1,2,3-cd)pyrene

Concen: 1.049 ng/ul

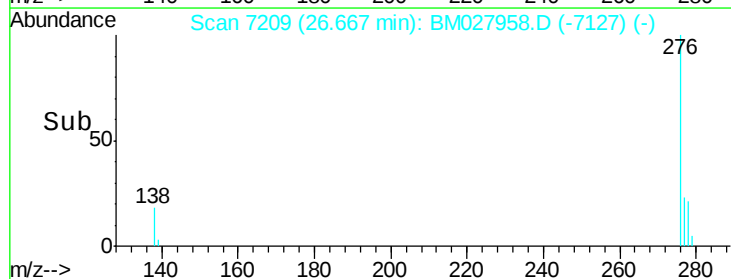
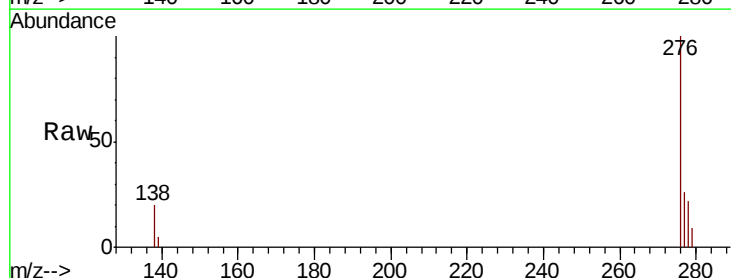
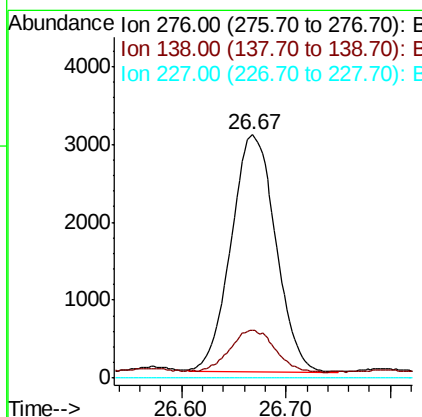
RT: 26.67 min Scan# 7209

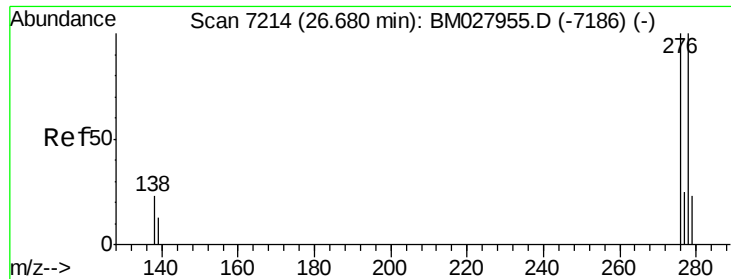
Delta R.T. -0.00 min

Lab File: BM027958.D

Acq: 25 Nov 2020 11:45

Tgt Ion:	276	Resp:	9113
Ion Ratio	Lower	Upper	
276	100		
138	18.0	15.7	23.5
227	0.0	0.0	0.0





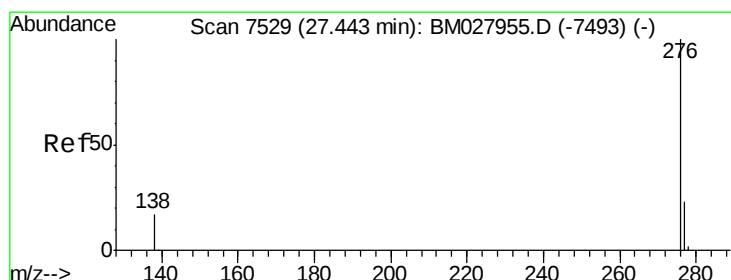
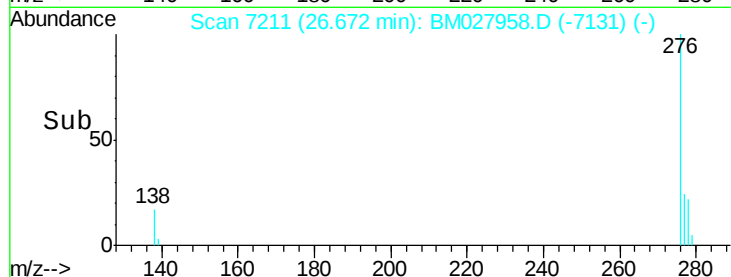
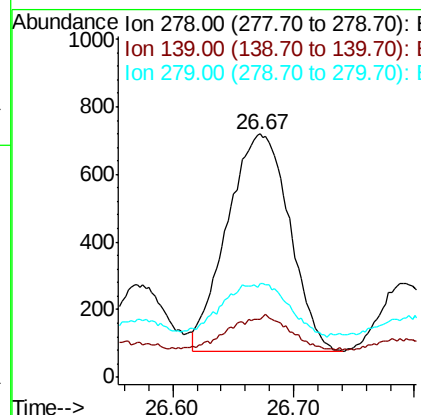
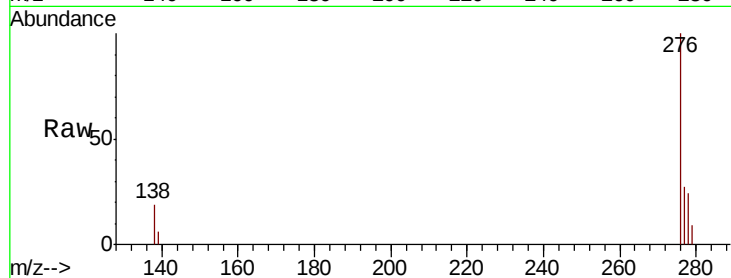
#25
Dibenzo(a,h)anthracene
Concen: 0.321 ng/ul
RT: 26.67 min Scan# 7211
Delta R.T. -0.01 min
Lab File: BM027958.D
Acq: 25 Nov 2020 11:45

Instrument :
BNA_M
ClientSampleId :
C0B82DL

Tot Ion	Ratio	Lower	Upper
278	100		
139	23.9	14.8	22.2#
279	38.6	25.8	38.6

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#26
Benzo(g,h,i)perylene
Concen: 1.084 ng/ul
RT: 27.44 min Scan# 7529
Delta R.T. -0.00 min
Lab File: BM027958.D
Acq: 25 Nov 2020 11:45

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.6	17.4	26.2
277	25.6	22.5	33.7

