

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112520\
 Data File : BM027962.D
 Acq On : 25 Nov 2020 14:09
 Operator : JU/CG
 Sample : L4751-14
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0B86

Manual Integrations
 APPROVED

mohammad
 11/27/2020 11:43:24 AM

Quant Time: Nov 25 14:51:15 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	965	0.40	ng/ul	0.00
2) Naphthalene-d8	11.16	136	3918	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.94	164	2307	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.66	188	4223	0.40	ng/ul	0.00
16) Chrysene-d12	21.76	240	2403	0.40	ng/ul	0.00
20) Perylene-d12	24.17	264	2145	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.72	152	1073	0.16	ng/ul	0.00
14) Fluoranthene-d10	19.65	212	1720	0.15	ng/ul	0.00
Target Compounds				Ovalue		
7) Acenaphthylene	14.66	152	317	0.028	ng/ul#	64
8) Acenaphthene	15.00	153	829	0.098	ng/ul	98
9) Fluorene	15.98	166	943	0.096	ng/ul#	98
11) Pentachlorophenol	17.30	266	39	0.027	ng/ul	92
12) Phenanthrene	17.70	178	26976	2.022	ng/ul	97
13) Anthracene	17.79	178	3212	0.250	ng/ul	97
15) Fluoranthene	19.67	202	44518	3.010	ng/ul	97
17) Pyrene	20.03	202	34880	2.858	ng/ul	97
18) Benzo(a)anthracene	21.74	228	14254	1.470	ng/ul	99
19) Chrysene	21.80	228	16570	1.755	ng/ul	99
21) Benzo(b)fluoranthene	23.44	252	17082m	1.895	ng/ul	
22) Benzo(k)fluoranthene	23.48	252	7107m	0.805	ng/ul	
23) Benzo(a)pyrene	24.07	252	11251	1.427	ng/ul#	89
24) Indeno(1,2,3-cd)pyrene	26.66	276	7062	0.828	ng/ul#	98
25) Dibenzo(a,h)anthracene	26.67	278	1914	0.269	ng/ul#	84
26) Benzo(a,h,i)perylene	27.44	276	5838	0.815	ng/ul	98

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

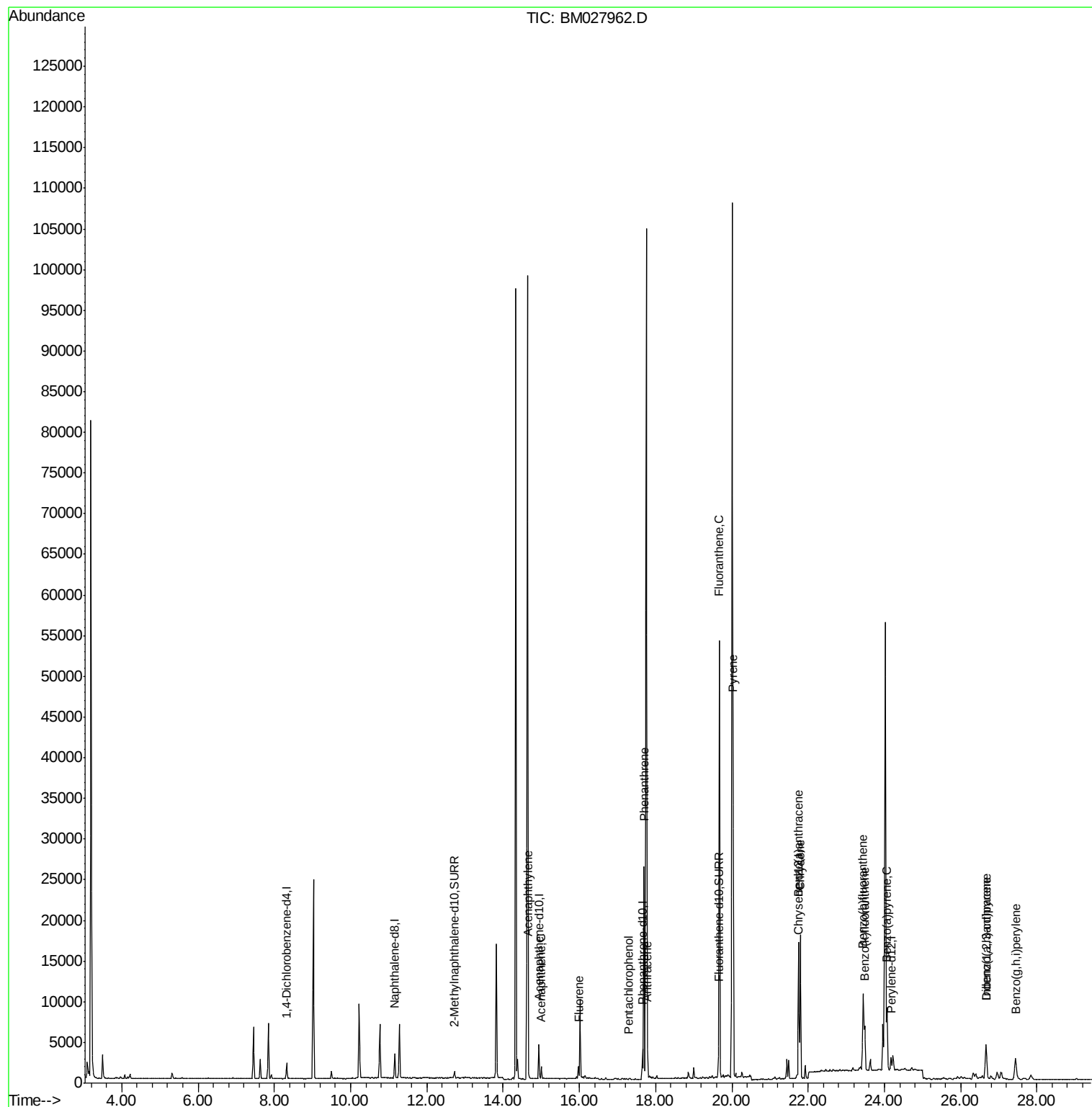
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112520\
Data File : BM027962.D
Acq On : 25 Nov 2020 14:09
Operator : JU/CG
Sample : L4751-14
Misc :
ALS Vial : 9 Sample Multiplier: 1

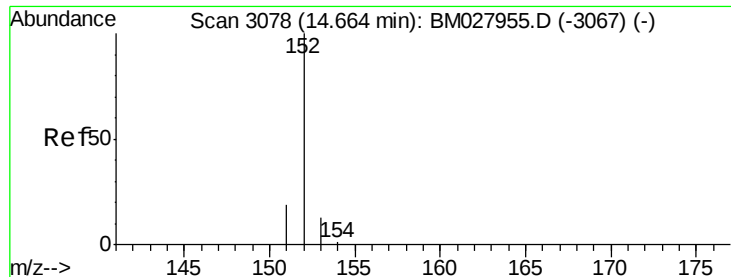
Instrument :
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Quant Time: Nov 25 14:51:15 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 25 10:43:32 2020
Response via : Initial Calibration





#7

Acenaphthylene

Concen: 0.028 ng/ul

RT: 14.66 min Scan# 3078

Delta R.T. -0.00 min

Lab File: BM027962.D

Acq: 25 Nov 2020 14:09

Instrument :

BNA_M

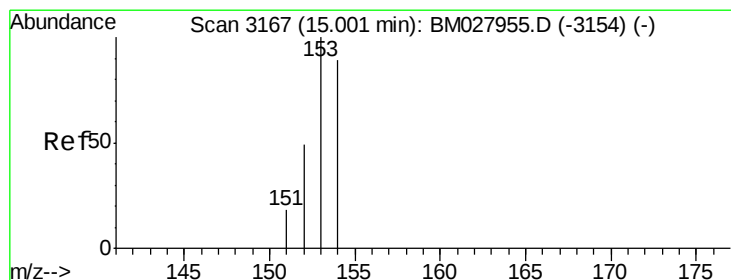
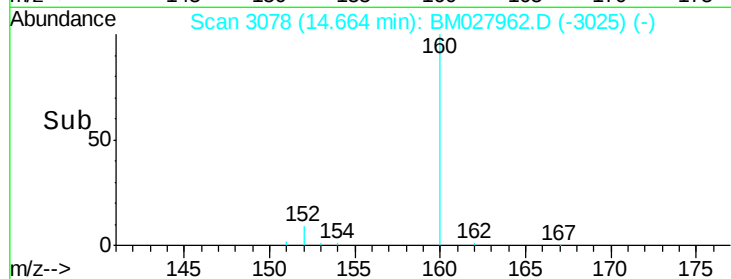
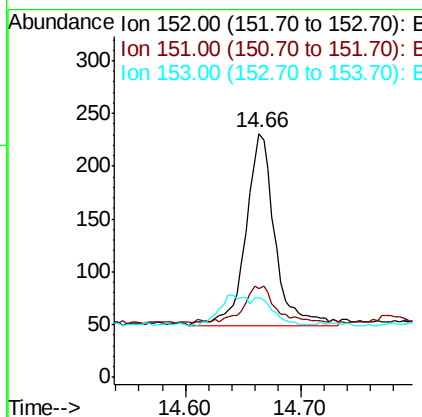
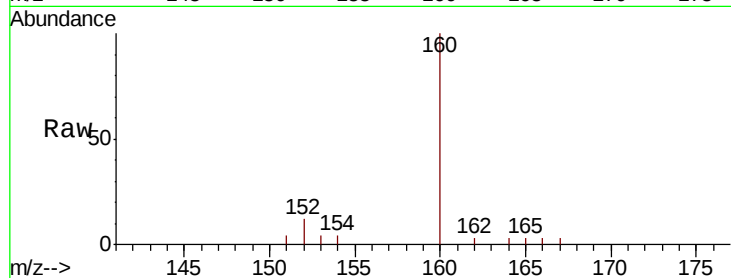
ClientSampleId :

C0B86

Tot Ion:	152	Resp:	317
Ion Ratio	Lower	Upper	
152	100		
151	36.4	17.1	25.7#
153	32.5	12.0	18.0#

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#8

Acenaphthene

Concen: 0.098 ng/ul

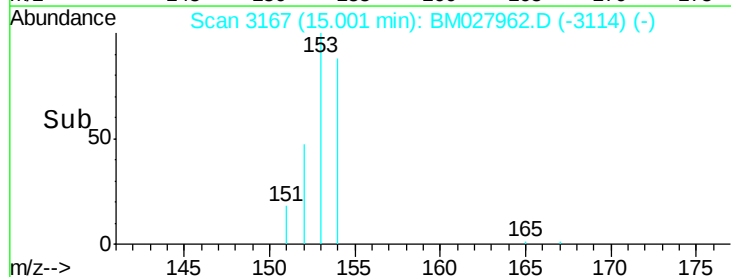
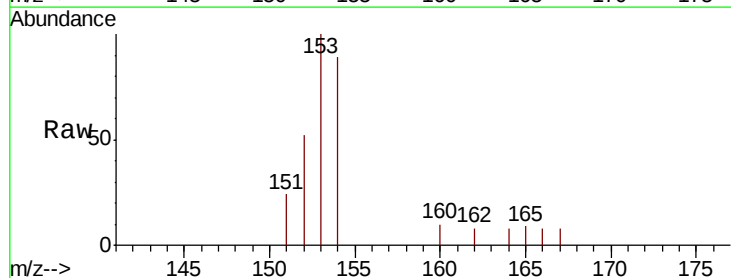
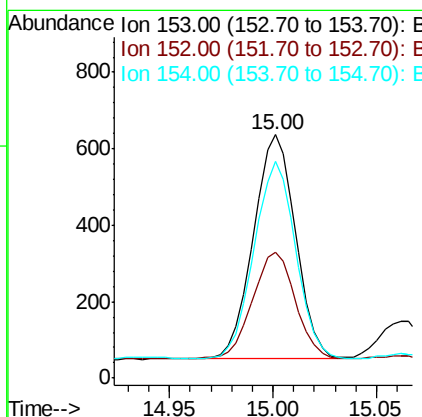
RT: 15.00 min Scan# 3167

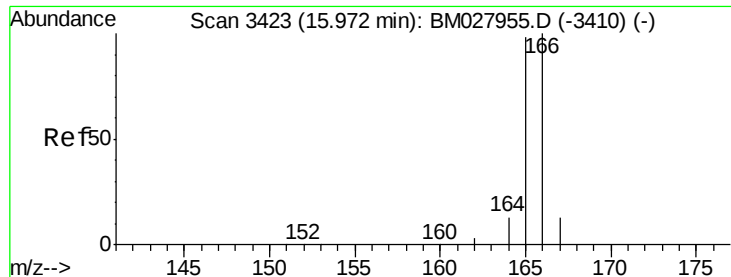
Delta R.T. -0.00 min

Lab File: BM027962.D

Acq: 25 Nov 2020 14:09

Tgt Ion:	153	Resp:	829
Ion Ratio	Lower	Upper	
153	100		
152	51.6	39.0	58.6
154	88.9	71.6	107.4





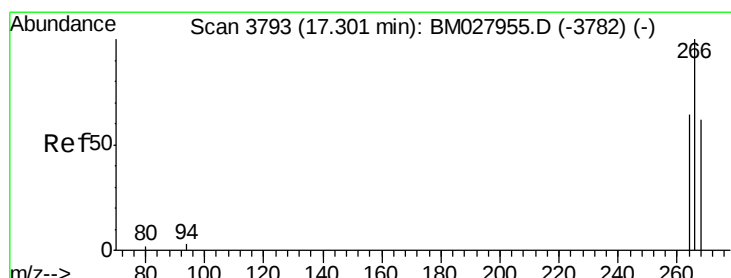
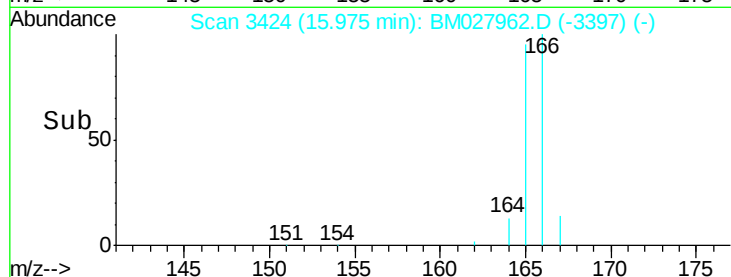
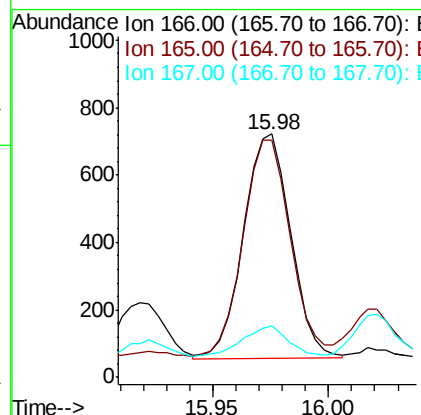
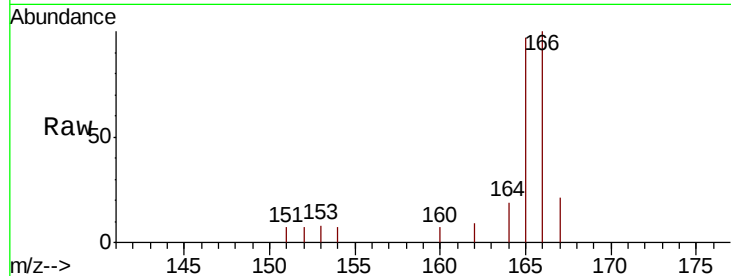
#9
Fluorene
 Concen: 0.096 ng/ul
 RT: 15.98 min Scan# 3424
 Delta R.T. 0.00 min
 Lab File: BM027962.D
 Acq: 25 Nov 2020 14:09

Instrument :
 BNA_M
 ClientSampleId :
 C0B86

Tot Ion:	166	Resp:	943
Ion Ratio	Lower	Upper	
166	100		
165	97.4	78.1	117.1
167	20.9	11.8	17.8#

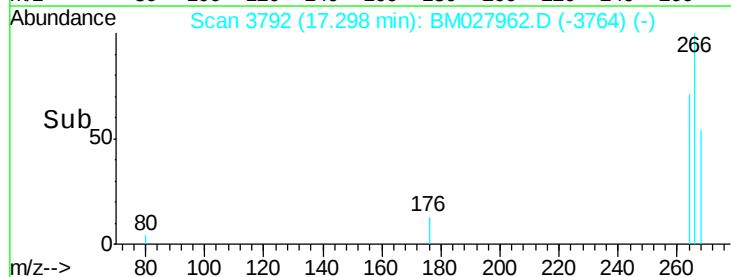
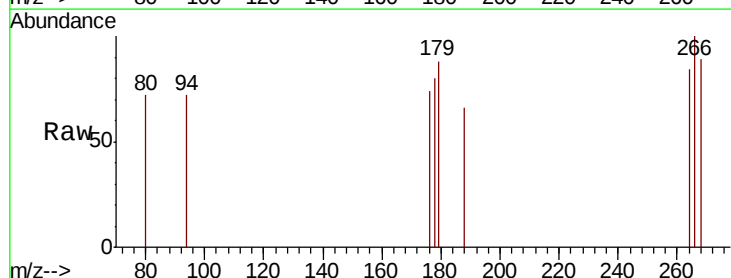
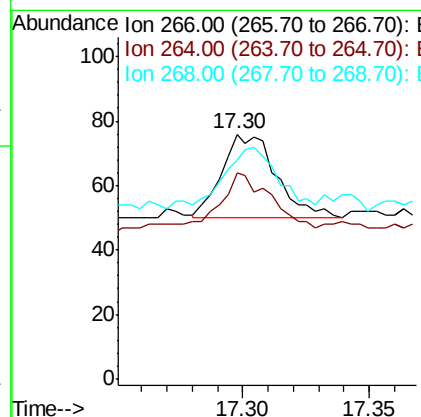
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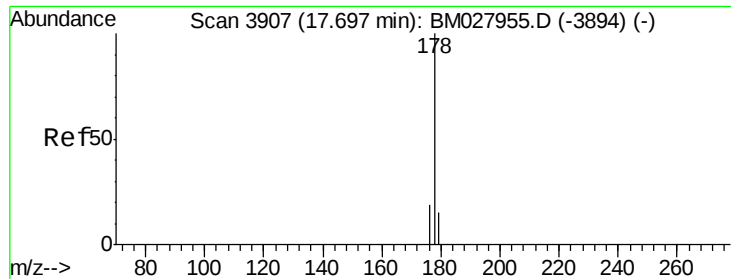
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#11
Pentachlorophenol
 Concen: 0.027 ng/ul
 RT: 17.30 min Scan# 3792
 Delta R.T. -0.00 min
 Lab File: BM027962.D
 Acq: 25 Nov 2020 14:09

Tgt Ion:	266	Resp:	39
Ion Ratio	Lower	Upper	
266	100		
264	56.4	49.6	74.4
268	71.8	52.1	78.1





#12

Phenanthrene

Concen: 2.022 ng/ul

RT: 17.70 min Scan# 3907

Delta R.T. -0.00 min

Lab File: BM027962.D

Acq: 25 Nov 2020 14:09

Instrument :

BNA_M

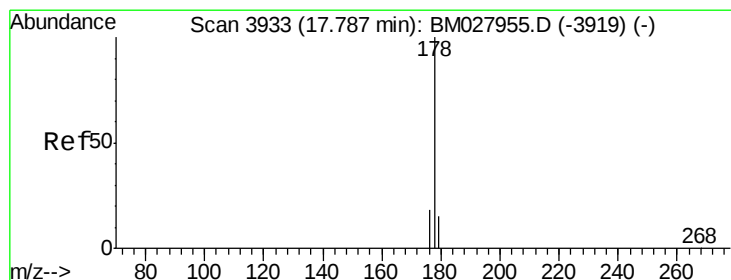
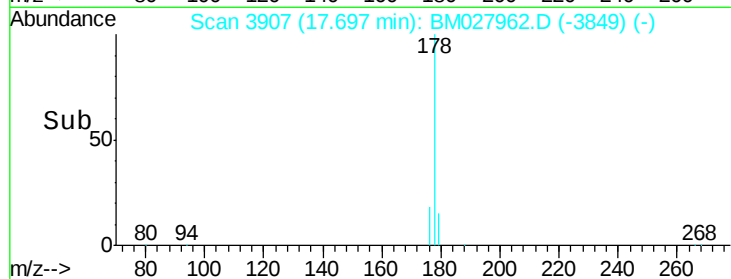
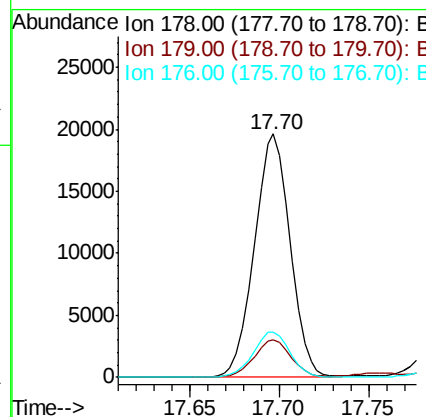
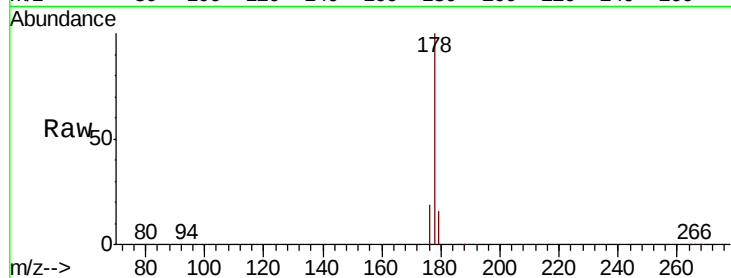
ClientSampleId :

C0B86

Tot Ion:	178	Resp:	26976
Ion Ratio	Lower	Upper	
178	100		
179	15.6	13.6	20.4
176	18.6	16.1	24.1

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#13

Anthracene

Concen: 0.250 ng/ul

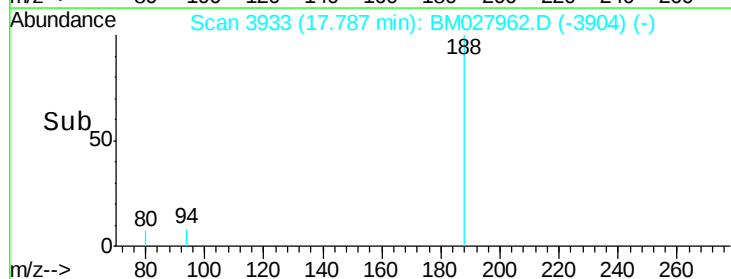
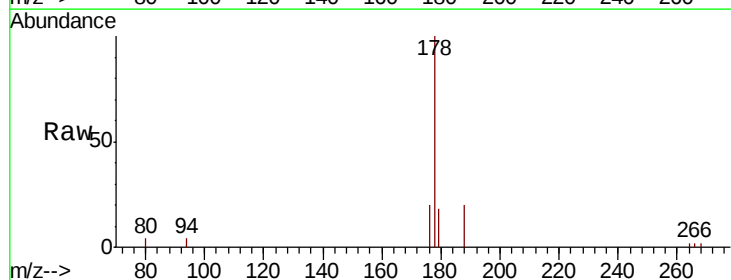
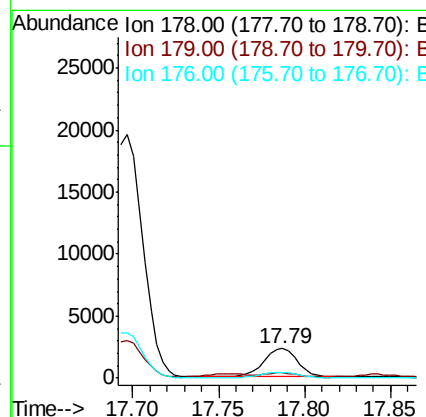
RT: 17.79 min Scan# 3933

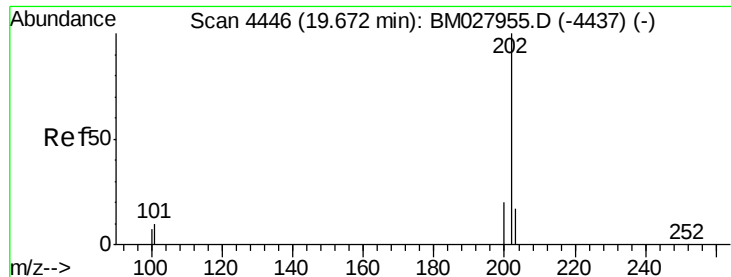
Delta R.T. -0.00 min

Lab File: BM027962.D

Acq: 25 Nov 2020 14:09

Tgt Ion:	178	Resp:	3212
Ion Ratio	Lower	Upper	
178	100		
179	18.4	13.4	20.2
176	19.6	15.0	22.6





#15

Fluoranthene

Concen: 3.010 ng/ul

RT: 19.67 min Scan# 4446

Delta R.T. -0.00 min

Lab File: BM027962.D

Acq: 25 Nov 2020 14:09

Instrument :

BNA_M

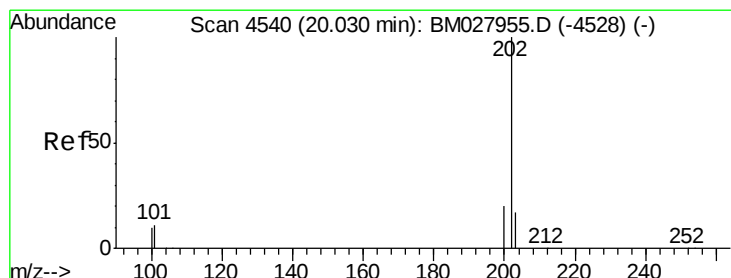
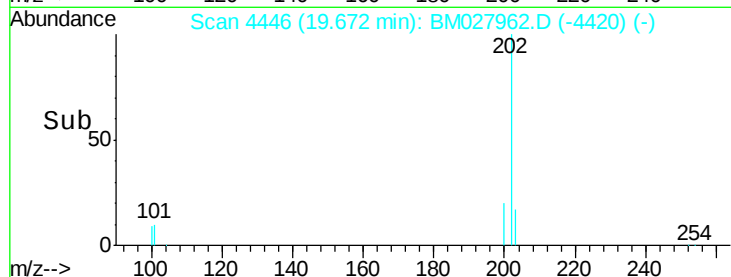
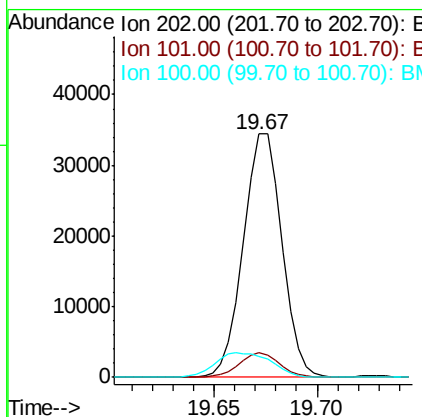
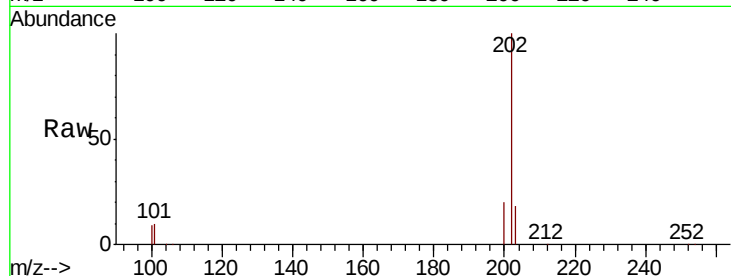
ClientSampleId :

C0B86

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.0	0.0	29.3
100	8.8	0.0	27.4

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#17

Pyrene

Concen: 2.858 ng/ul

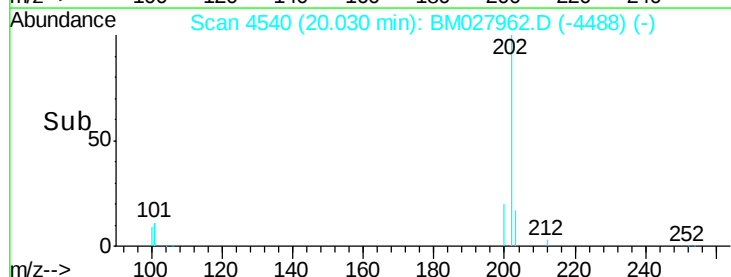
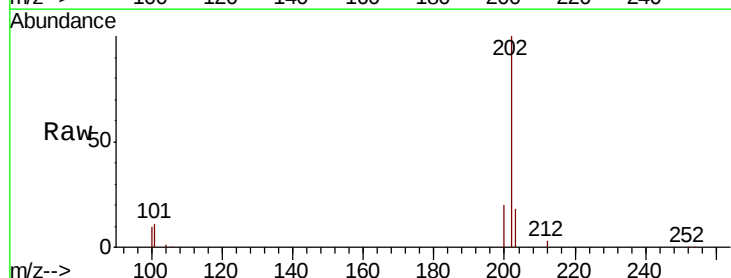
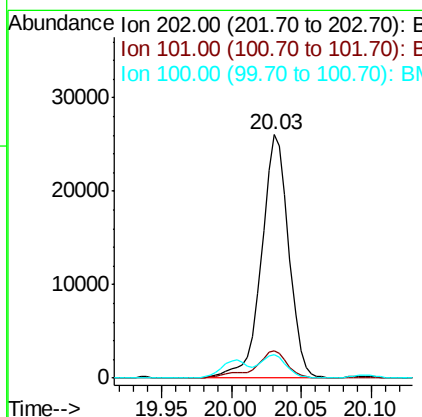
RT: 20.03 min Scan# 4540

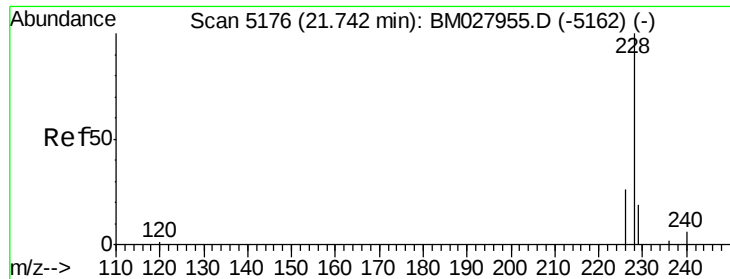
Delta R.T. -0.00 min

Lab File: BM027962.D

Acq: 25 Nov 2020 14:09

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	11.4	8.2	12.2
100	9.5	6.9	10.3





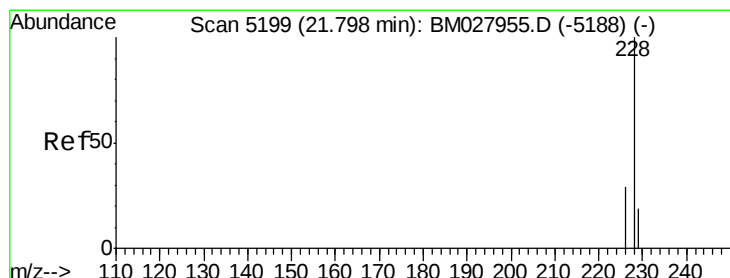
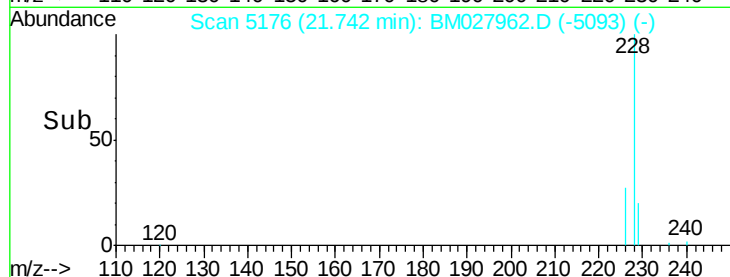
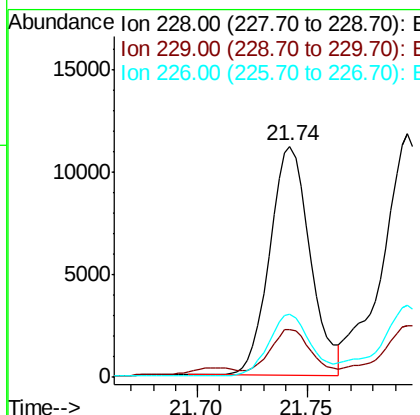
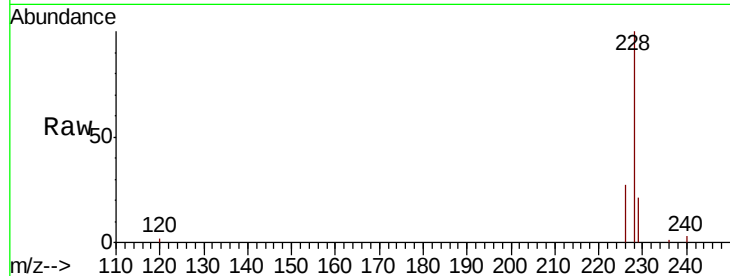
#18
Benzo(a)anthracene
Concen: 1.470 ng/ul
RT: 21.74 min Scan# 5176
Delta R.T. -0.00 min
Lab File: BM027962.D
Acq: 25 Nov 2020 14:09

Instrument :
BNA_M
ClientSampleId :
C0B86

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.7	16.2	24.4
226	27.3	21.5	32.3

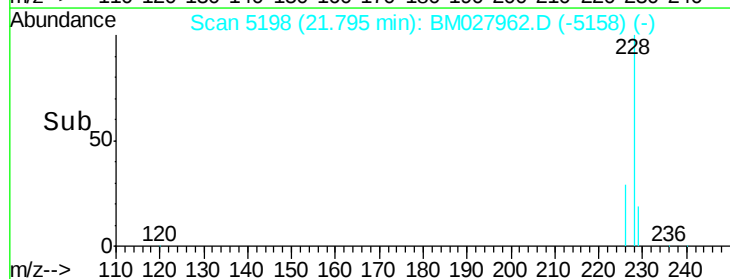
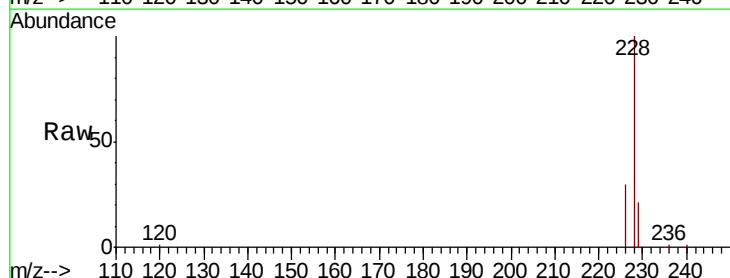
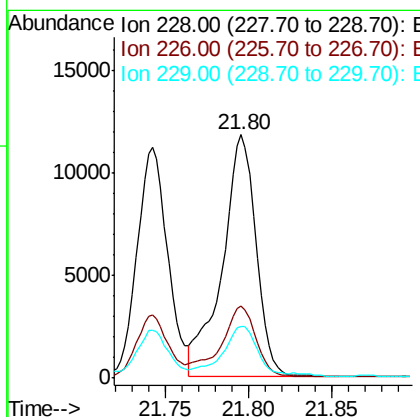
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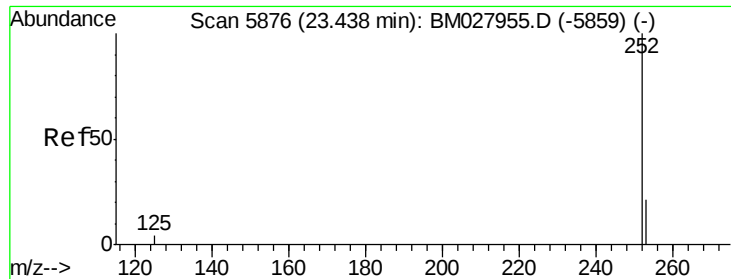
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#19
Chrysene
Concen: 1.755 ng/ul
RT: 21.80 min Scan# 5198
Delta R.T. -0.00 min
Lab File: BM027962.D
Acq: 25 Nov 2020 14:09

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.1	36.1
229	21.4	16.6	24.8





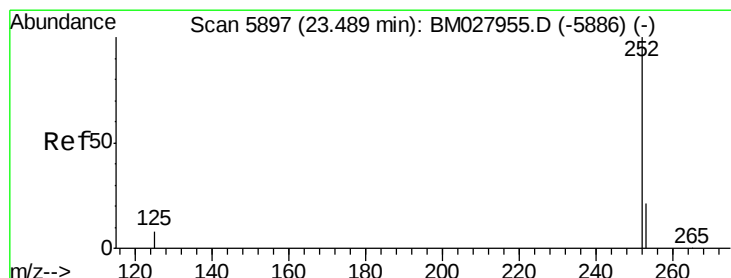
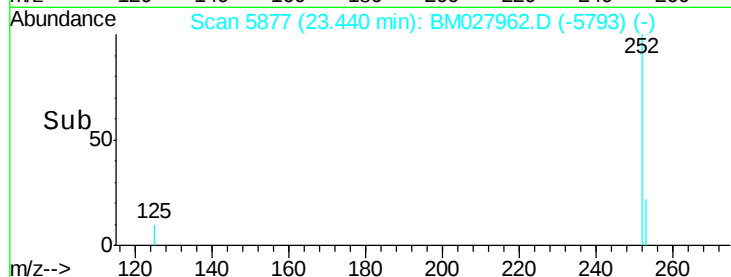
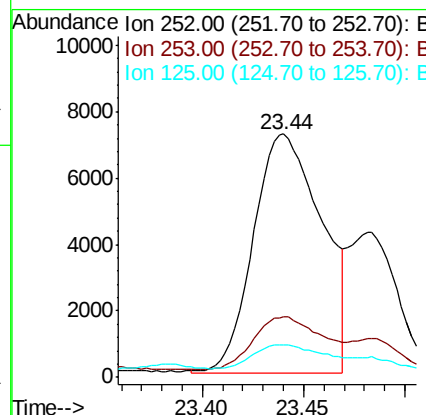
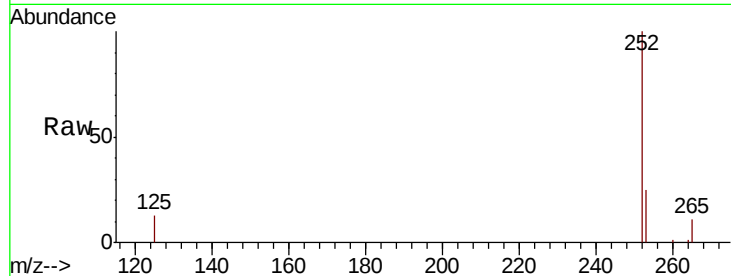
#21
Benzo(b)fluoranthene
Concen: 1.895 ng/ul m
RT: 23.44 min Scan# 5877
Delta R.T. 0.00 min
Lab File: BM027962.D
Acq: 25 Nov 2020 14:09

Instrument :
BNA_M
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C0B86

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.8	0.0	59.6
125	13.4	0.0	28.4

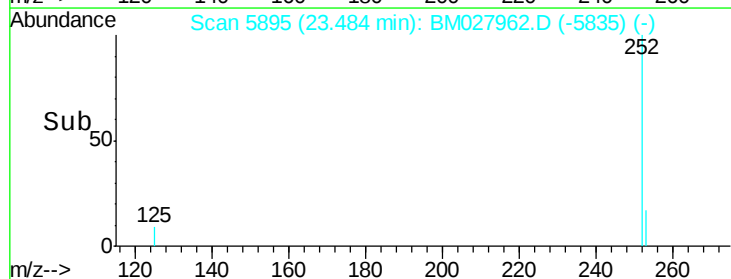
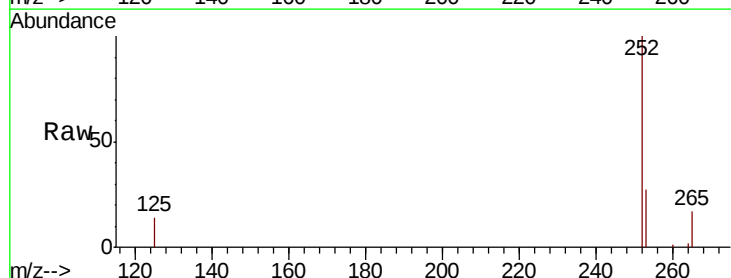
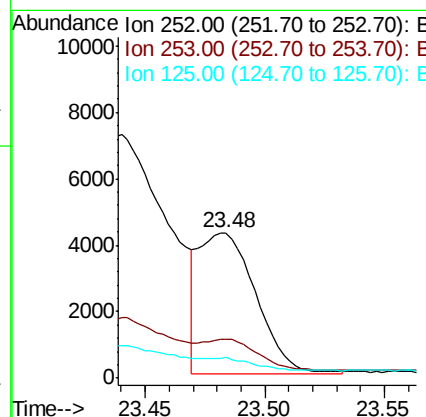
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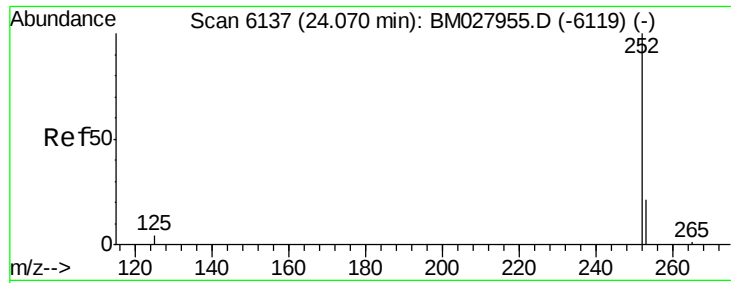
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#22
Benzo(k)fluoranthene
Concen: 0.805 ng/ul m
RT: 23.48 min Scan# 5895
Delta R.T. -0.00 min
Lab File: BM027962.D
Acq: 25 Nov 2020 14:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.8	23.2	34.8
125	13.9	11.8	17.6





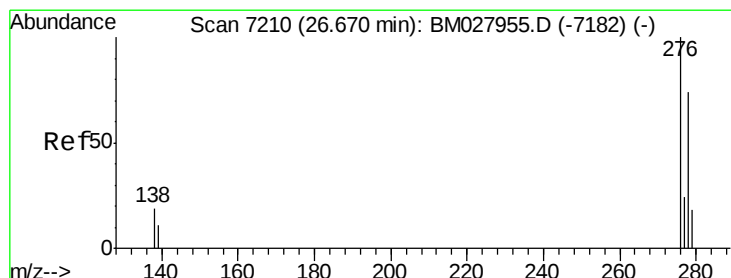
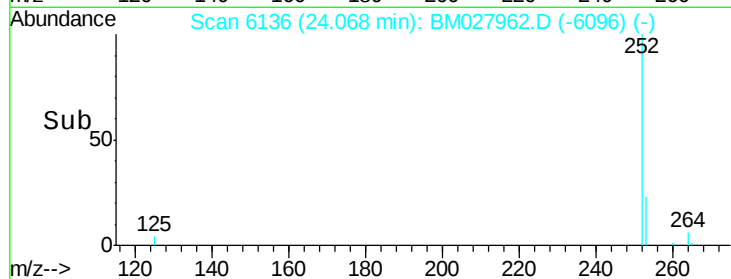
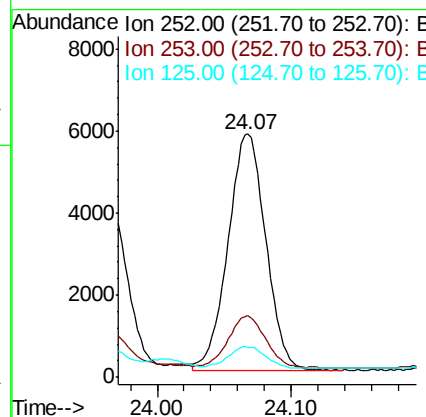
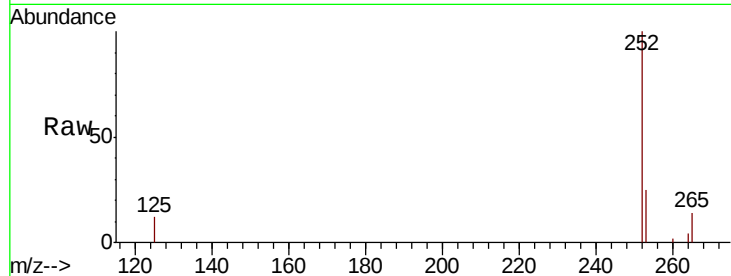
#23
Benzo(a)pyrene
Concen: 1.427 ng/ul
RT: 24.07 min Scan# 6136
Delta R.T. -0.00 min
Lab File: BM027962.D
Acq: 25 Nov 2020 14:09

Instrument :
BNA_M
ClientSampleId :
C0B86

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.3	25.2	37.8
125	12.2	13.8	20.6

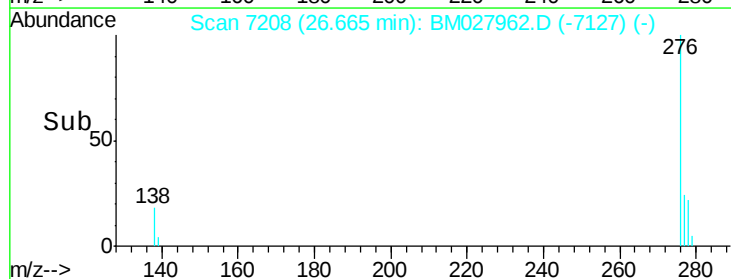
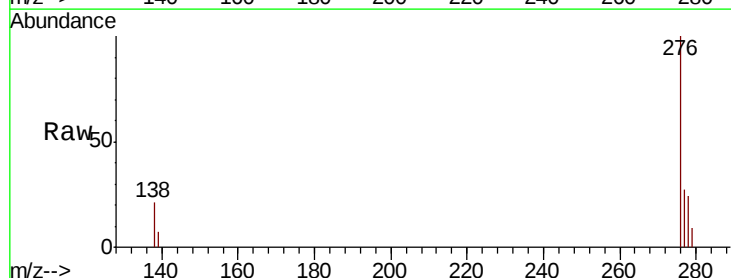
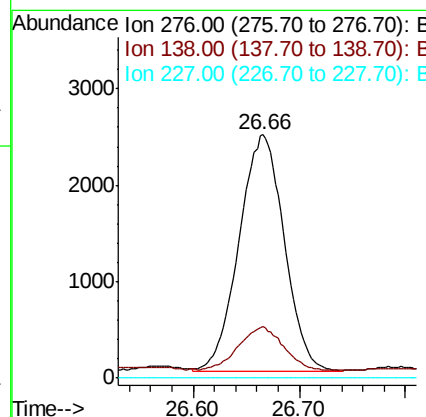
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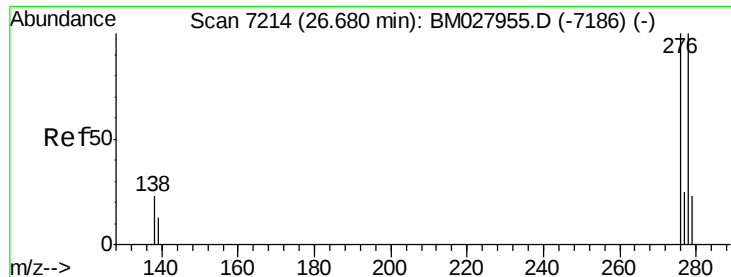
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#24
Indeno(1,2,3-cd)pyrene
Concen: 0.828 ng/ul
RT: 26.66 min Scan# 7208
Delta R.T. -0.00 min
Lab File: BM027962.D
Acq: 25 Nov 2020 14:09

Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.7	15.7	23.5
227	0.0	0.0	0.0





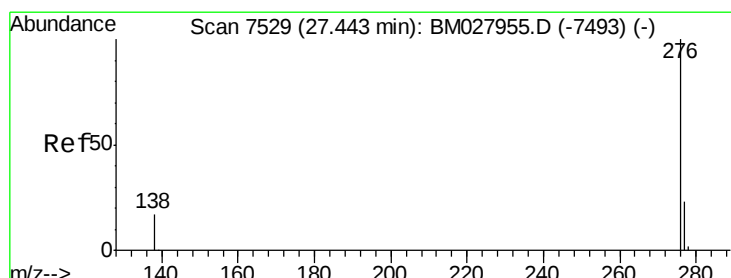
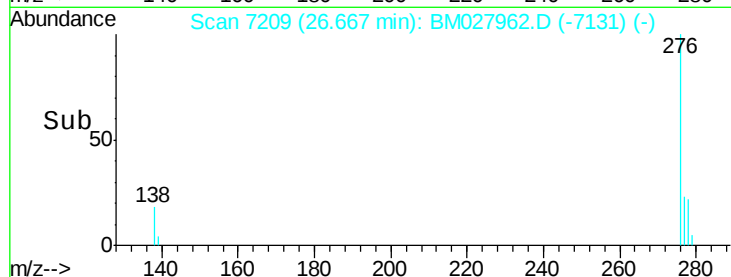
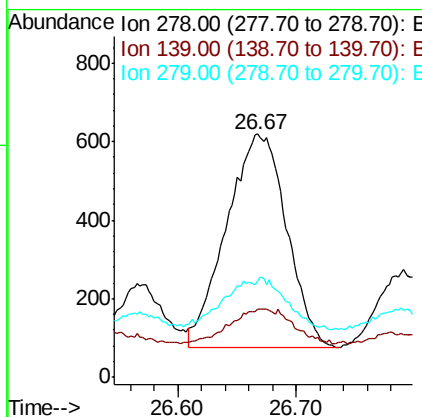
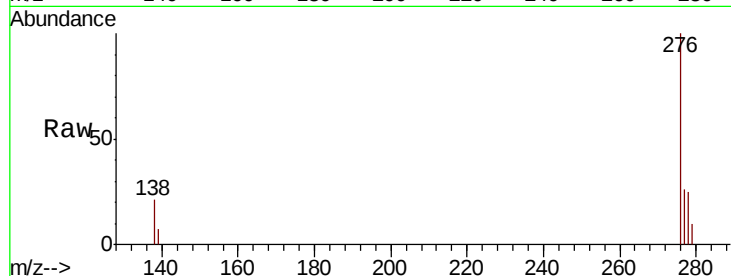
#25
Dibenzo(a,h)anthracene
Concen: 0.269 ng/ul
RT: 26.67 min Scan# 7209
Delta R.T. -0.01 min
Lab File: BM027962.D
Acq: 25 Nov 2020 14:09

Instrument :
BNA_M
ClientSampleId :
C0B86

Tot Ion	Ratio	Lower	Upper
278	100		
139	27.9	14.8	22.2#
279	39.5	25.8	38.6#

Manual Integrations
APPROVED

mohammad
11/27/2020 11:43:24 AM



#26
Benzo(g,h,i)perylene
Concen: 0.815 ng/ul
RT: 27.44 min Scan# 7527
Delta R.T. -0.00 min
Lab File: BM027962.D
Acq: 25 Nov 2020 14:09

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.4	17.4	26.2
277	26.7	22.5	33.7

