

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112020\
 Data File : BM027895.D
 Acq On : 21 Nov 2020 23:34
 Operator : JU/CG
 Sample : L4711-21
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0B07

Manual Integrations
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Quant Time: Nov 23 05:04:33 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 04:04:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	1230	0.40	ng/ul	0.00
2) Naphthalene-d8	11.17	136	4916	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.95	164	3038	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.66	188	5487m	0.40	ng/ul	0.00
16) Chrysene-d12	21.77	240	3000	0.40	ng/ul	0.00
20) Perylene-d12	24.19	264	2732	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.73	152	2153	0.26	ng/ul	0.00
14) Fluoranthene-d10	19.65	212	3694	0.25	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.22	128	925	0.063	ng/ul#	85
5) 2-Methylnaphthalene	12.80	142	499	0.050	ng/ul	100
7) Acenaphthylene	14.67	152	1188	0.080	ng/ul#	88
8) Acenaphthene	15.01	153	2860	0.257	ng/ul	99
9) Fluorene	15.98	166	3306	0.257	ng/ul	99
11) Pentachlorophenol	17.31	266	40	0.021	ng/ul	95
12) Phenanthrene	17.70	178	107206	6.185	ng/ul	97
13) Anthracene	17.80	178	17524	1.048	ng/ul	98
15) Fluoranthene	19.68	202	305384	15.890	ng/ul	99
17) Pyrene	20.04	202	238919	15.681	ng/ul	100
18) Benzo(a)anthracene	21.75	228	117913	9.741	ng/ul	100
19) Chrysene	21.80	228	152243	12.913	ng/ul	99
21) Benzo(b)fluoranthene	23.45	252	172670m	15.039	ng/ul	
22) Benzo(k)fluoranthene	23.49	252	61323m	5.454	ng/ul	
23) Benzo(a)pyrene	24.08	252	104758	10.435	ng/ul#	83
24) Indeno(1,2,3-cd)pyrene	26.69	276	74922	6.893	ng/ul#	95
25) Dibenzo(a,h)anthracene	26.69	278	19380	2.141	ng/ul	93
26) Benzo(g,h,i)perylene	27.46	276	71355	7.825	ng/ul#	92

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

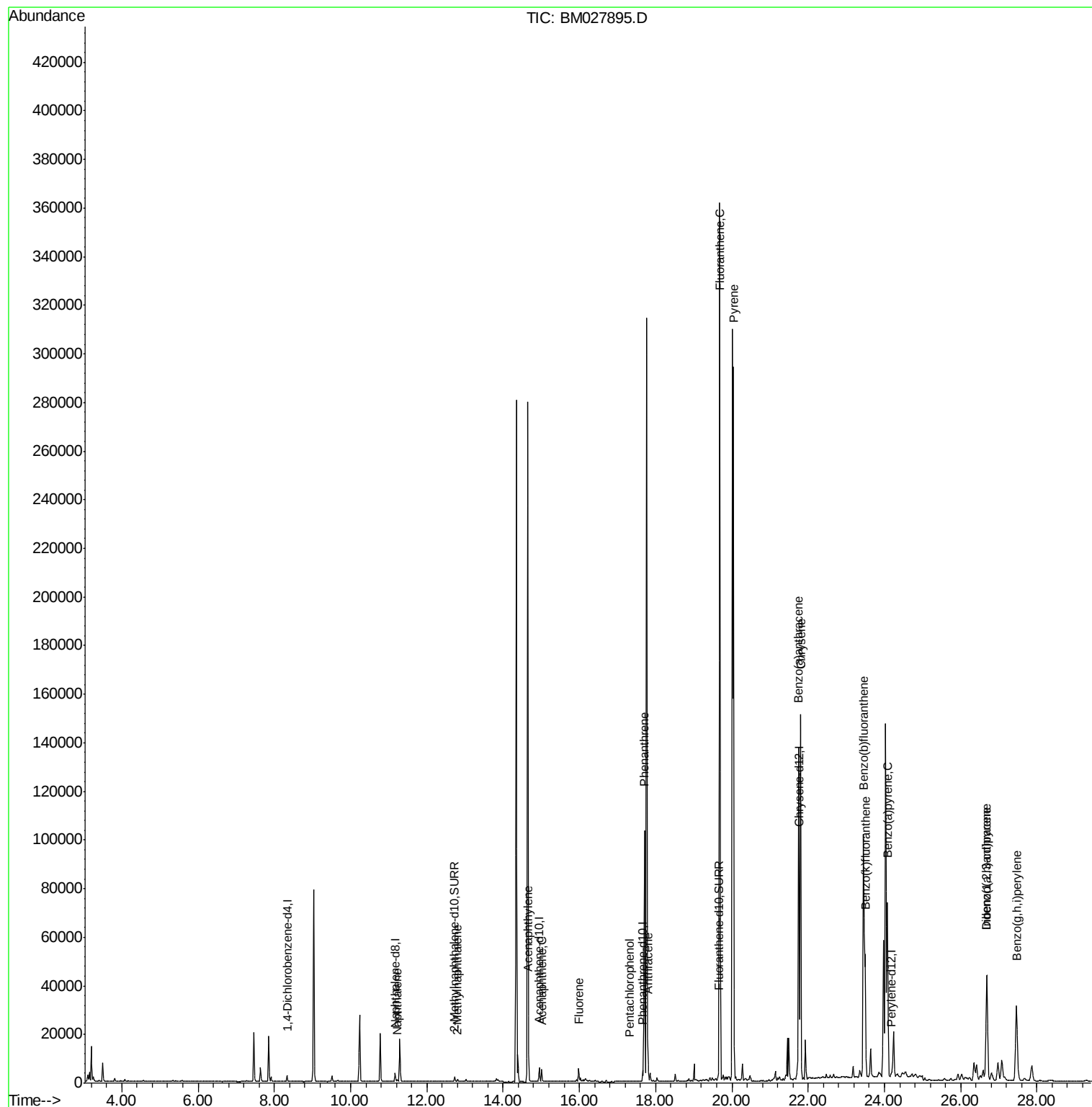
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112020\
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ALS Vial : 49 Sample Multiplier: 1

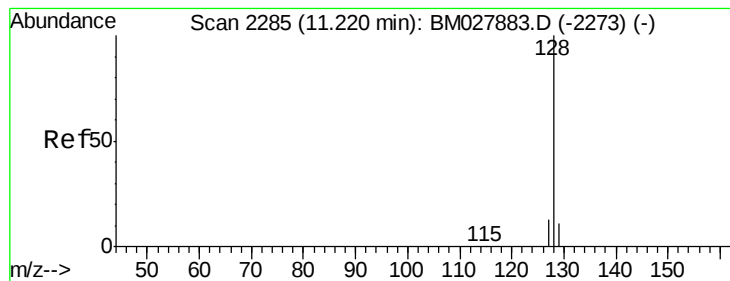
Instrument :
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ClientSampleId :
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Quant Time: Nov 23 05:04:33 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112020.M
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QLast Update : Mon Nov 23 04:04:52 2020
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#3

Naphthalene

Concen: 0.063 ng/ul

RT: 11.22 min Scan# 2284

Delta R.T. -0.00 min

Lab File: BM027895.D

Acq: 21 Nov 2020 23:34

Instrument :

BNA_M

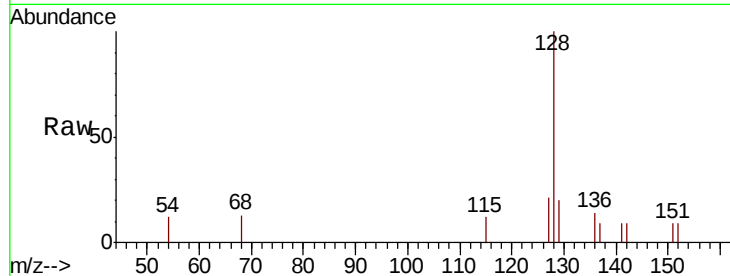
ClientSampleId :

C0B07

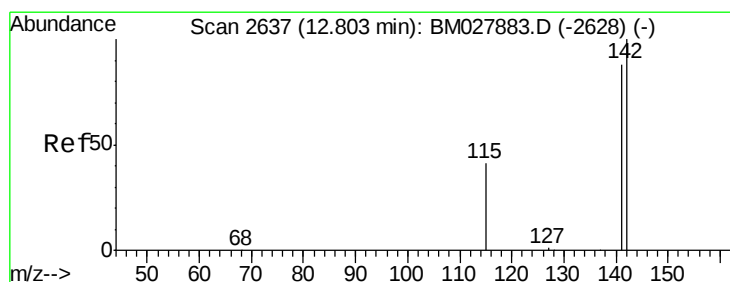
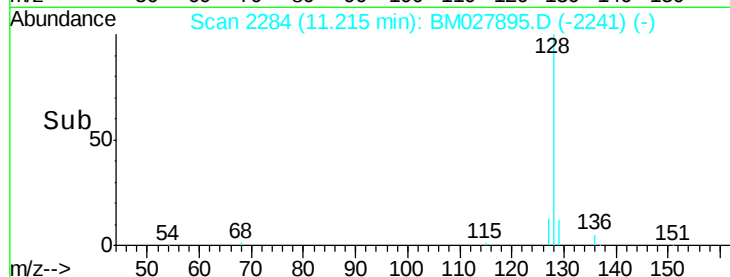
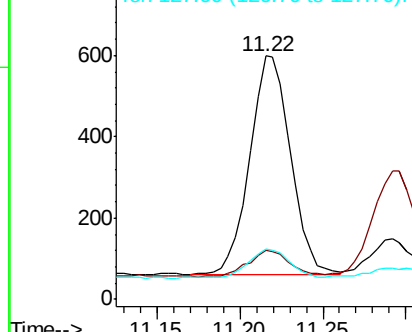
Tot Ion:	128	Resp:	925
Ion Ratio	Lower	Upper	
128	100		
129	20.0	10.4	15.6#
127	20.5	12.0	18.0#

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.050 ng/ul

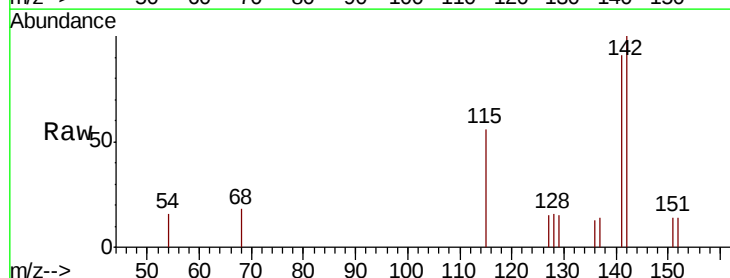
RT: 12.80 min Scan# 2637

Delta R.T. -0.00 min

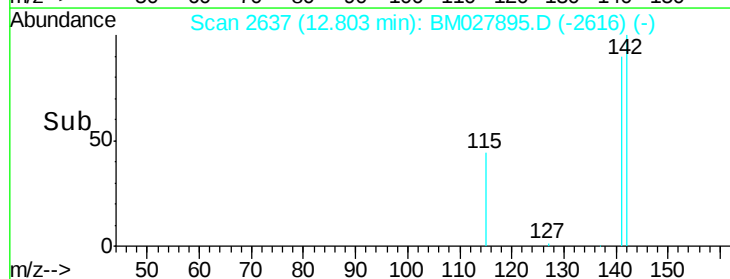
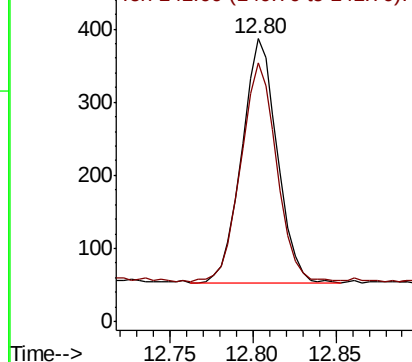
Lab File: BM027895.D

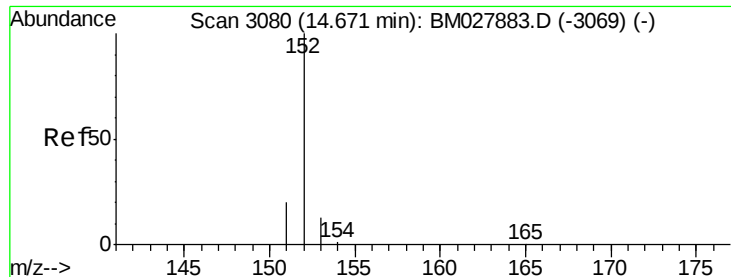
Acq: 21 Nov 2020 23:34

Tgt Ion:	142	Resp:	499
Ion Ratio	Lower	Upper	
142	100		
141	89.2	71.6	107.4



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.080 ng/ul

RT: 14.67 min Scan# 3081

Delta R.T. -0.00 min

Lab File: BM027895.D

Acq: 21 Nov 2020 23:34

Instrument :

BNA_M

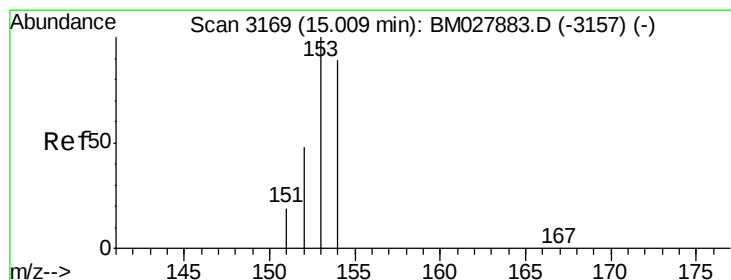
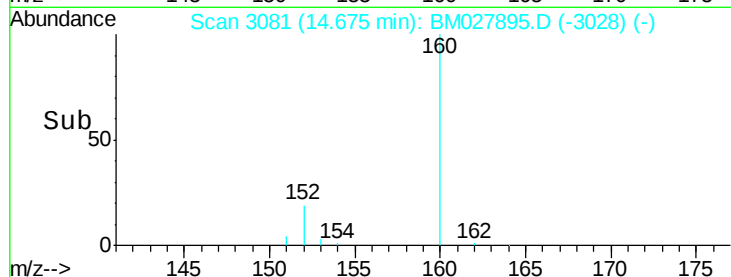
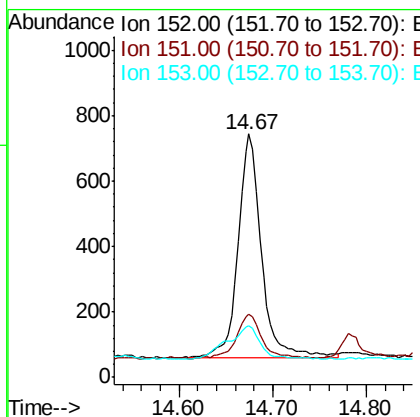
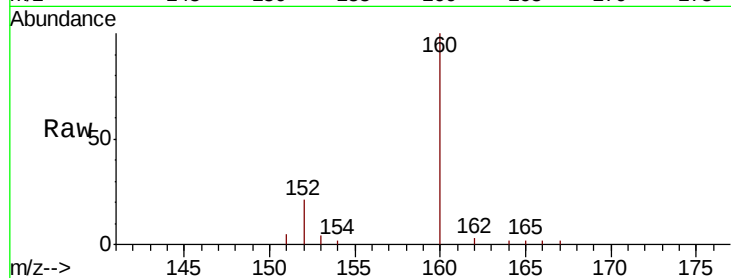
ClientSampled :

C0B07

Tot Ion:	152	Resp:	1188
Ion Ratio	Lower	Upper	
152	100		
151	26.1	17.1	25.7#
153	21.2	12.0	18.0#

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#8

Acenaphthene

Concen: 0.257 ng/ul

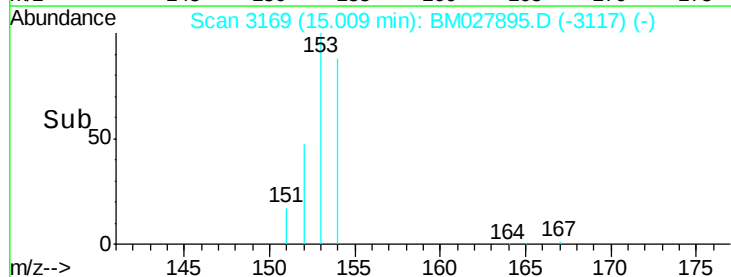
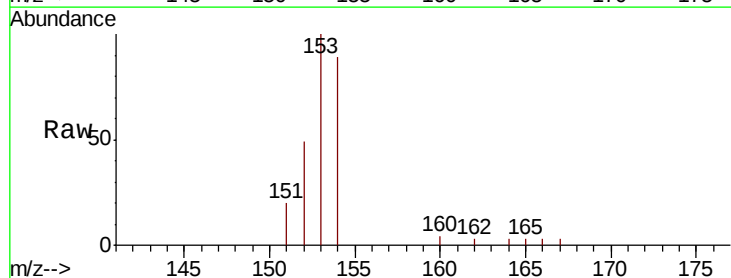
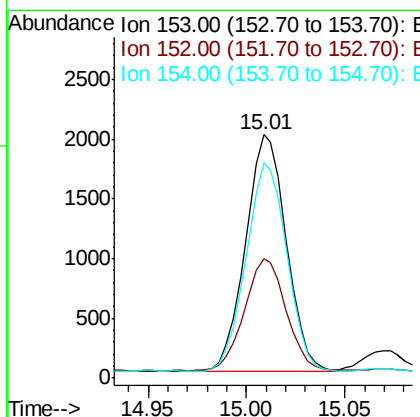
RT: 15.01 min Scan# 3169

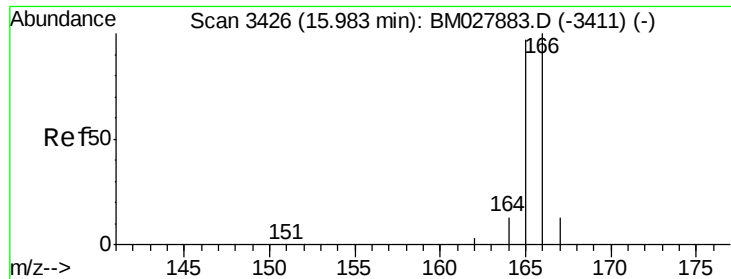
Delta R.T. -0.00 min

Lab File: BM027895.D

Acq: 21 Nov 2020 23:34

Tgt Ion:	153	Resp:	2860
Ion Ratio	Lower	Upper	
153	100		
152	49.2	39.0	58.6
154	88.6	71.6	107.4





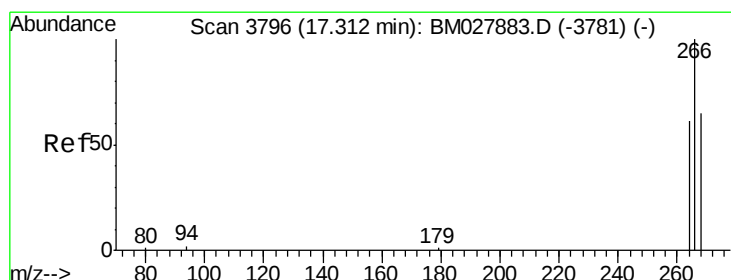
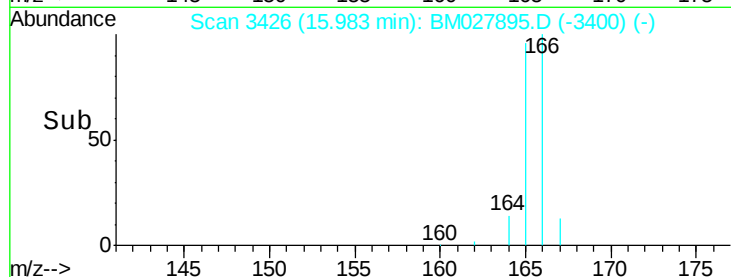
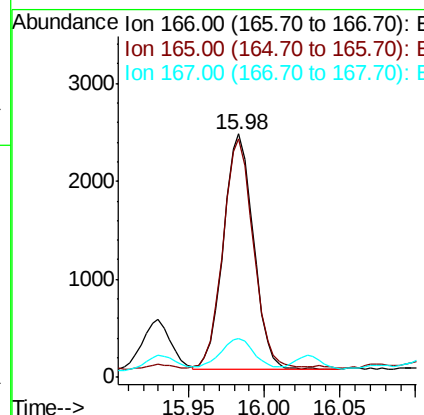
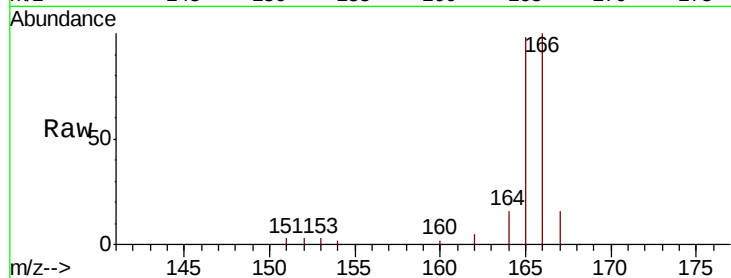
#9
Fluorene
 Concen: 0.257 ng/ul
 RT: 15.98 min Scan# 3426
 Delta R.T. -0.00 min
 Lab File: BM027895.D
 Acq: 21 Nov 2020 23:34

Instrument :
 BNA_M
 ClientSampleId :
 C0B07

Tot Ion	Ratio	Lower	Upper
166	100		
165	97.8	78.1	117.1
167	15.9	11.8	17.8

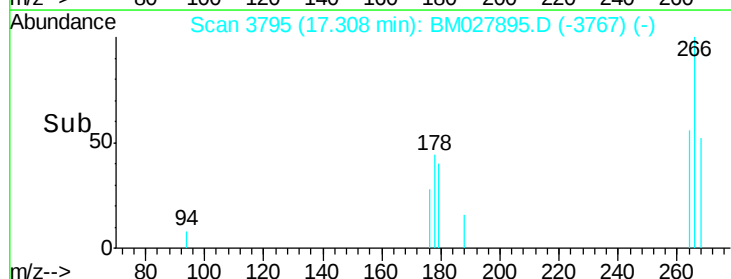
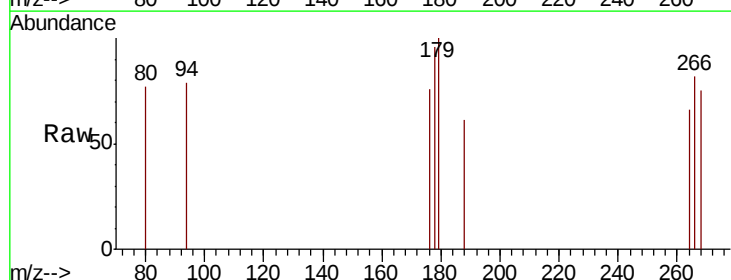
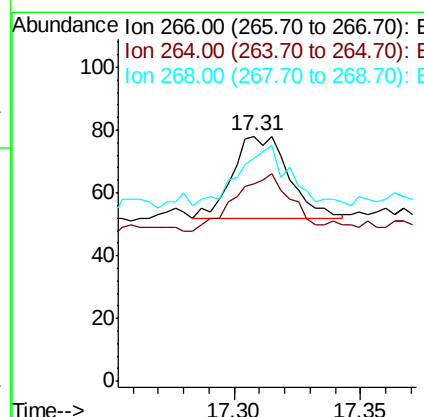
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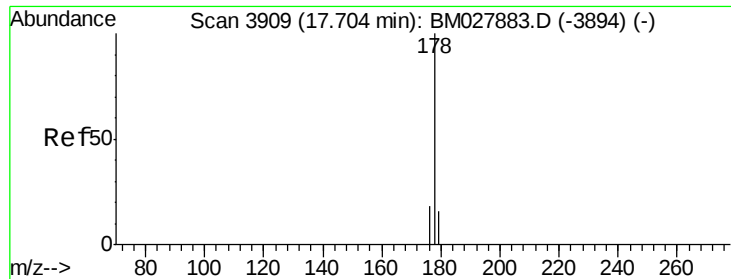
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#11
Pentachlorophenol
 Concen: 0.021 ng/ul
 RT: 17.31 min Scan# 3795
 Delta R.T. -0.00 min
 Lab File: BM027895.D
 Acq: 21 Nov 2020 23:34

Tgt Ion	Ratio	Lower	Upper
266	100		
264	70.0	49.6	74.4
268	65.0	52.1	78.1





#12

Phenanthrene

Concen: 6.185 ng/ul

RT: 17.70 min Scan# 3909

Delta R.T. -0.00 min

Lab File: BM027895.D

Acq: 21 Nov 2020 23:34

Instrument :

BNA_M

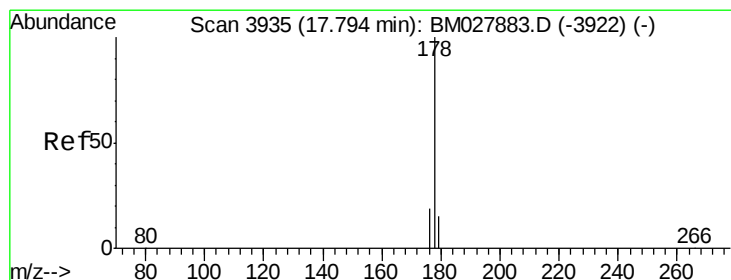
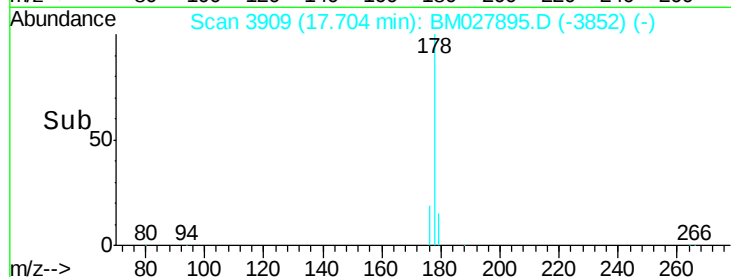
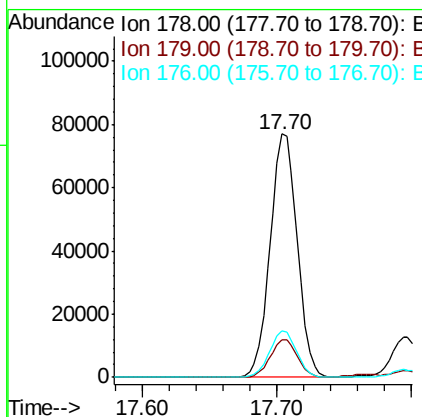
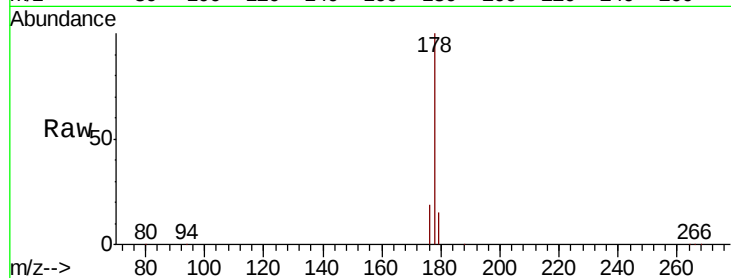
ClientSampleId :

C0B07

Tot Ion:	178	Resp:	107206
Ion	Ratio	Lower	Upper
178	100		
179	15.4	13.6	20.4
176	19.0	16.1	24.1

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#13

Anthracene

Concen: 1.048 ng/ul

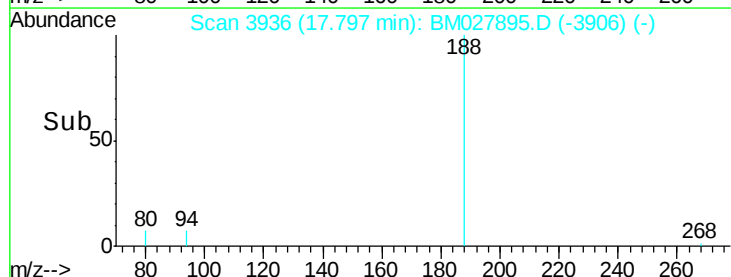
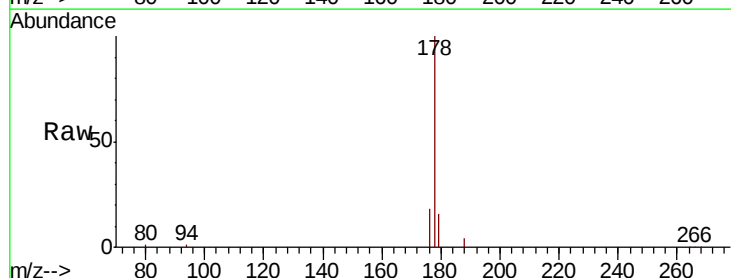
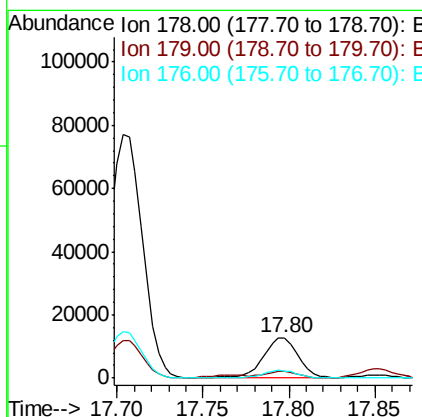
RT: 17.80 min Scan# 3936

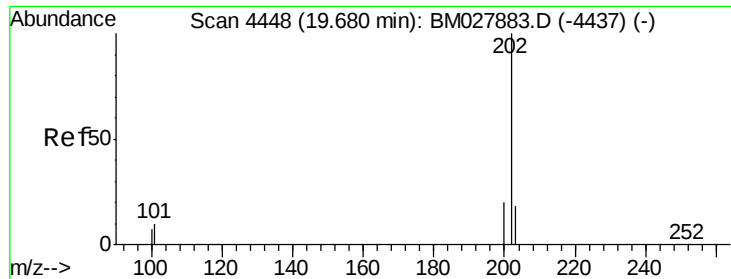
Delta R.T. 0.00 min

Lab File: BM027895.D

Acq: 21 Nov 2020 23:34

Tgt Ion:	178	Resp:	17524
Ion	Ratio	Lower	Upper
178	100		
179	15.9	13.4	20.2
176	18.1	15.0	22.6





#15

Fluoranthene

Concen: 15.890 ng/ul

RT: 19.68 min Scan# 4449

Delta R.T. -0.00 min

Lab File: BM027895.D

Acq: 21 Nov 2020 23:34

Instrument :

BNA_M

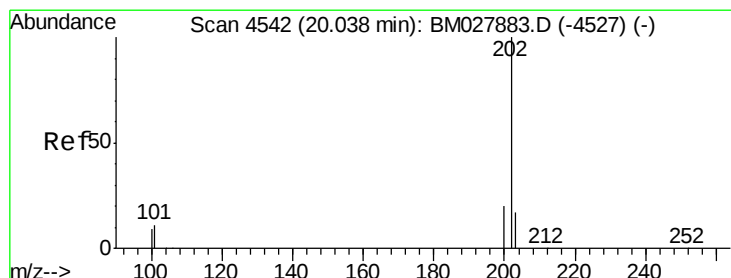
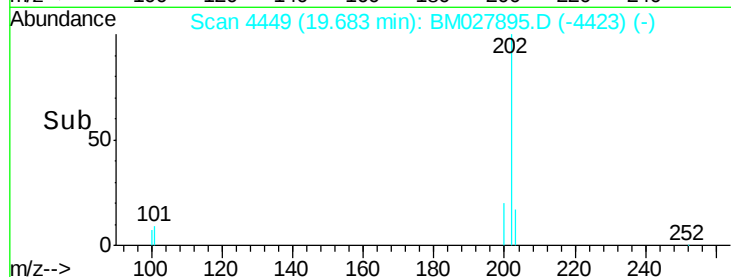
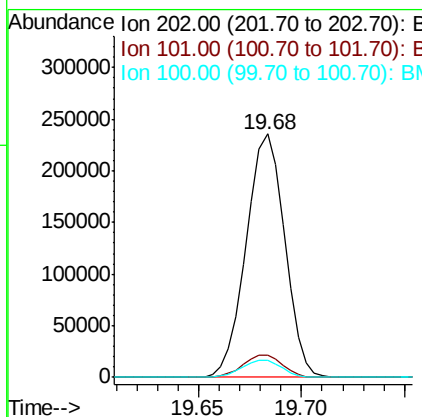
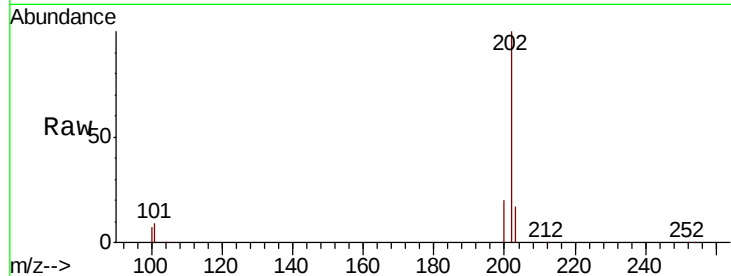
ClientSampleId :

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Tot Ion:	202	Resp:	305384
Ion Ratio	Lower	Upper	
202	100		
101	9.1	0.0	29.3
100	7.1	0.0	27.4

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#17

Pyrene

Concen: 15.681 ng/ul

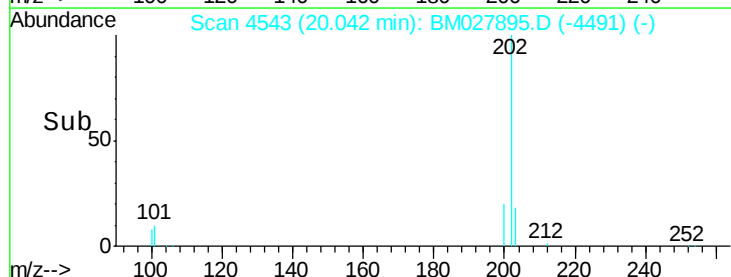
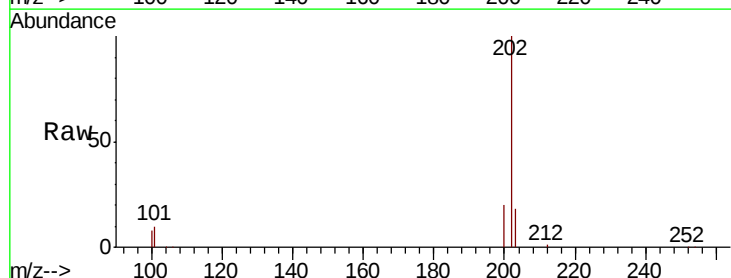
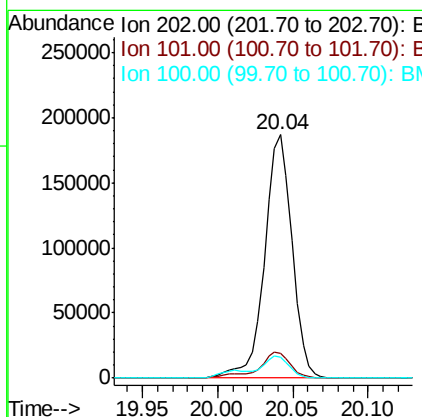
RT: 20.04 min Scan# 4543

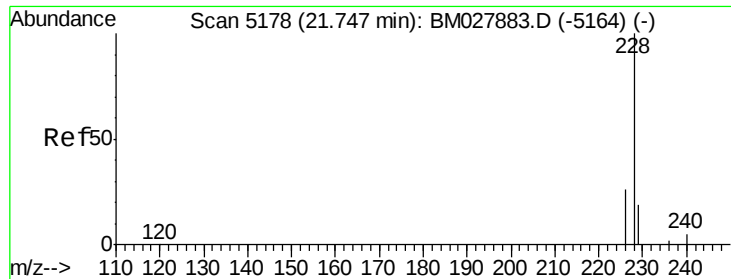
Delta R.T. -0.00 min

Lab File: BM027895.D

Acq: 21 Nov 2020 23:34

Tgt Ion:	202	Resp:	238919
Ion Ratio	Lower	Upper	
202	100		
101	10.3	8.2	12.2
100	8.5	6.9	10.3





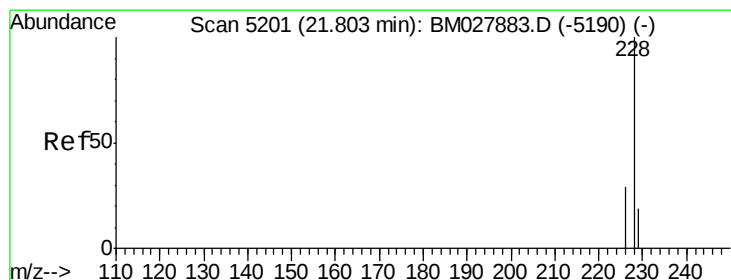
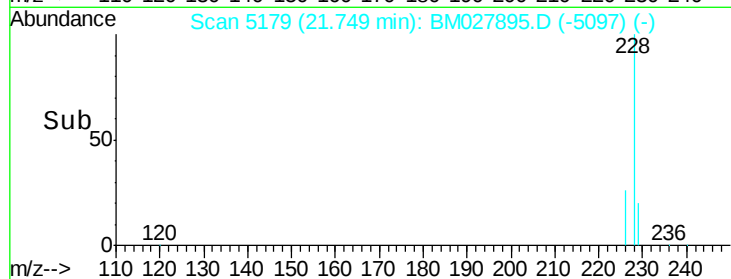
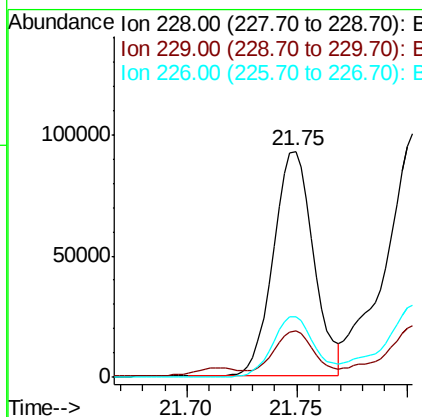
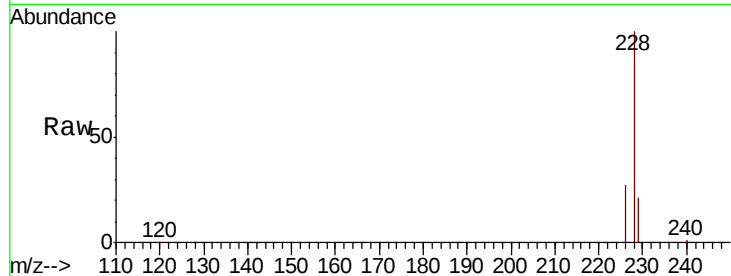
#18
Benzo(a)anthracene
Concen: 9.741 ng/ul
RT: 21.75 min Scan# 5179
Delta R.T. -0.00 min
Lab File: BM027895.D
Acq: 21 Nov 2020 23:34

Instrument :
BNA_M
ClientSampleId :
C0B07

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.5	16.2	24.4
226	26.7	21.5	32.3

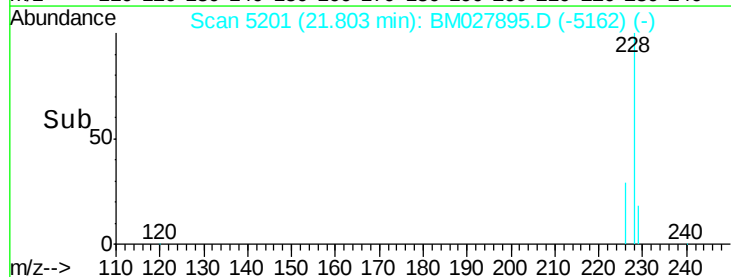
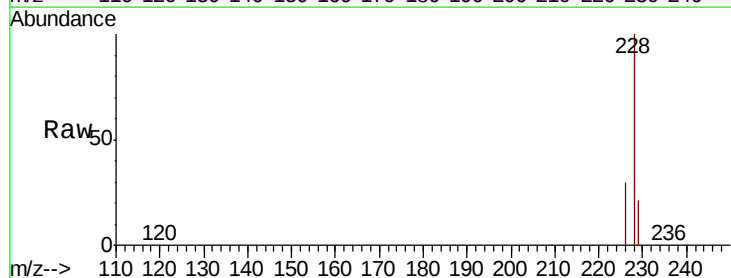
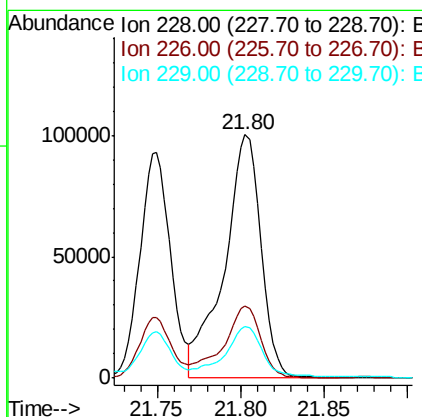
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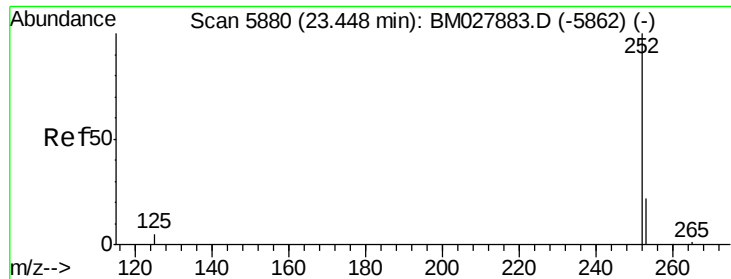
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#19
Chrysene
Concen: 12.913 ng/ul
RT: 21.80 min Scan# 5201
Delta R.T. -0.00 min
Lab File: BM027895.D
Acq: 21 Nov 2020 23:34

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.1	36.1
229	21.2	16.6	24.8





#21

Benzo(b)fluoranthene

Concen: 15.039 ng/ul m

RT: 23.45 min Scan# 5882

Delta R.T. 0.00 min

Lab File: BM027895.D

Acq: 21 Nov 2020 23:34

Instrument :

BNA_M

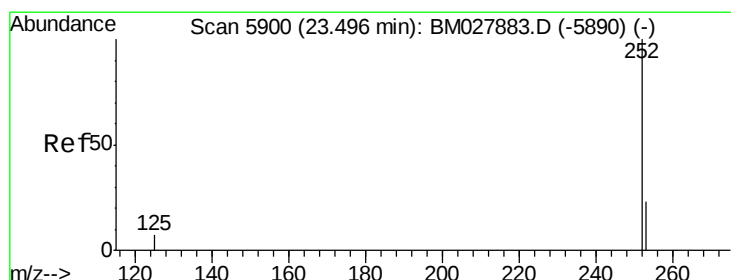
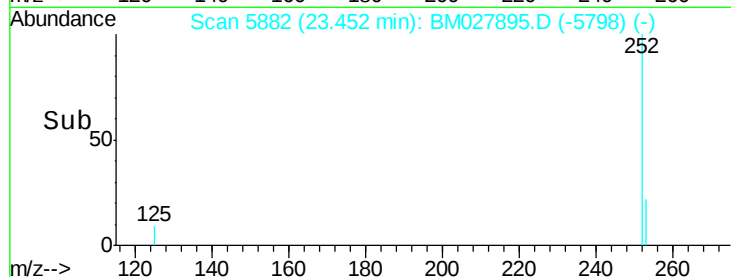
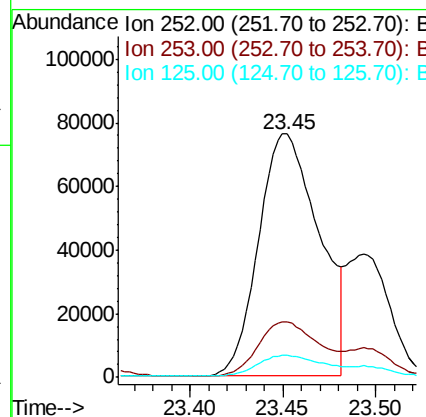
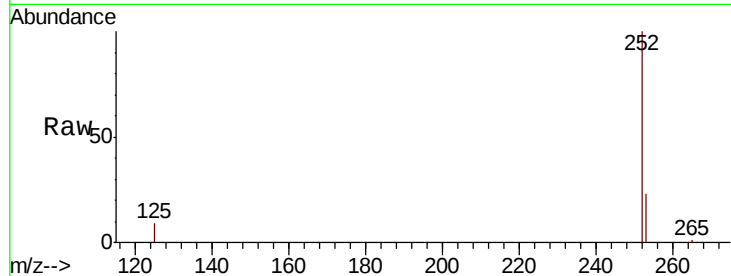
ClientSampleId :

C0B07

Tot Ion:	252	Resp:	172670
Ion Ratio	Lower	Upper	
252	100		
253	22.8	0.0	59.6
125	9.1	0.0	28.4

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#22

Benzo(k)fluoranthene

Concen: 5.454 ng/ul m

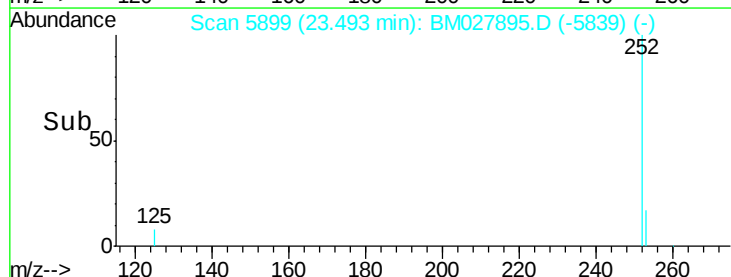
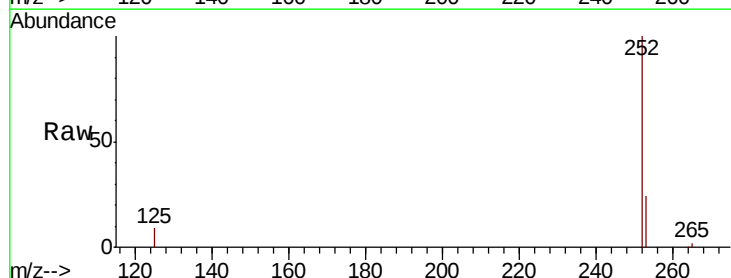
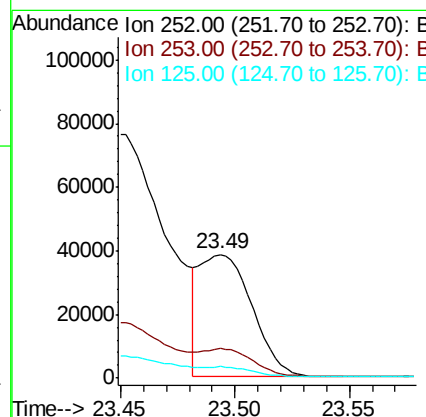
RT: 23.49 min Scan# 5899

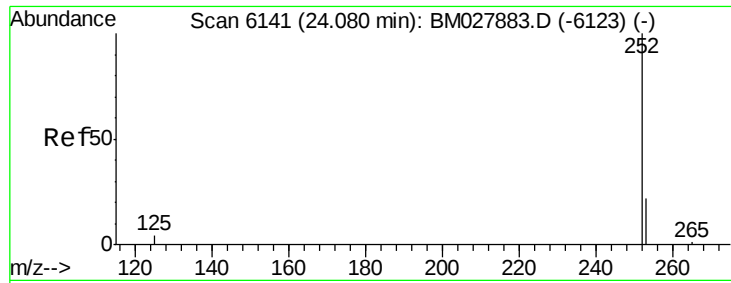
Delta R.T. -0.00 min

Lab File: BM027895.D

Acq: 21 Nov 2020 23:34

Tgt Ion:	252	Resp:	61323
Ion Ratio	Lower	Upper	
252	100		
253	23.6	23.2	34.8
125	9.1	11.8	17.6#





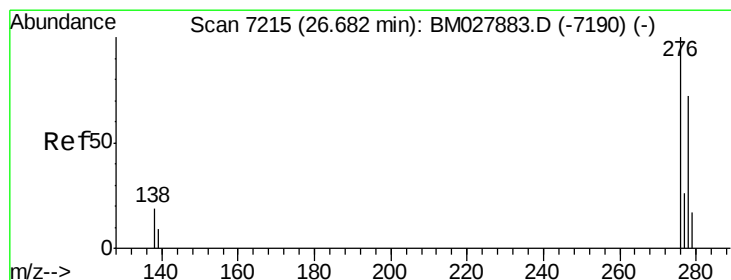
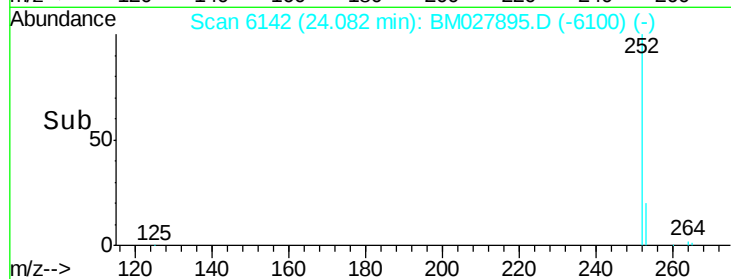
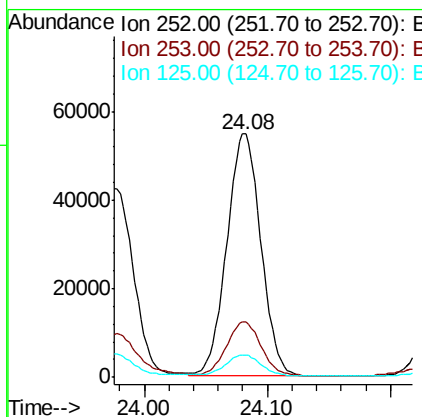
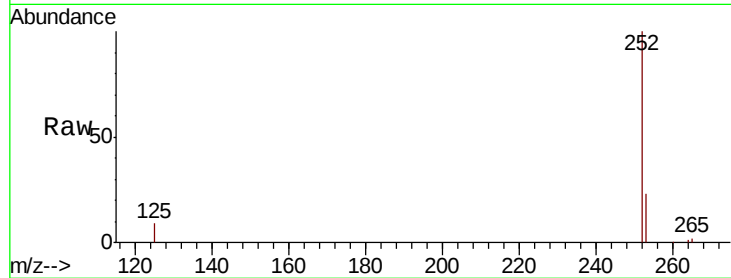
#23
Benzo(a)pyrene
Concen: 10.435 ng/u1
RT: 24.08 min Scan# 6142
Delta R.T. 0.00 min
Lab File: BM027895.D
Acq: 21 Nov 2020 23:34

Instrument :
BNA_M
ClientSampleId :
C0B07

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	25.2	37.8#
125	9.3	13.8	20.6#

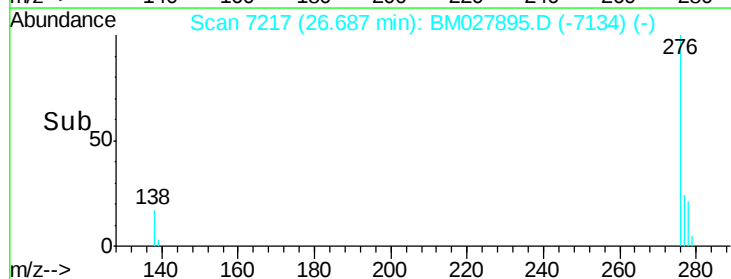
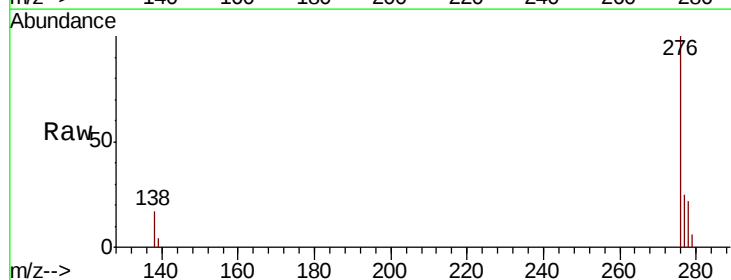
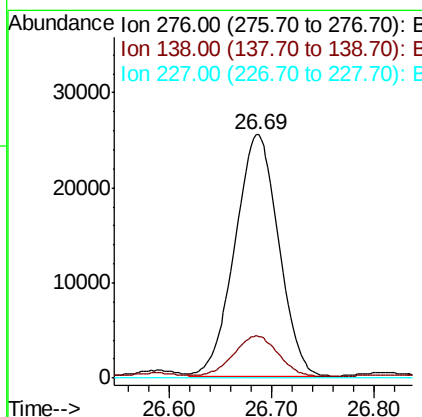
Manual Integrations
APPROVED

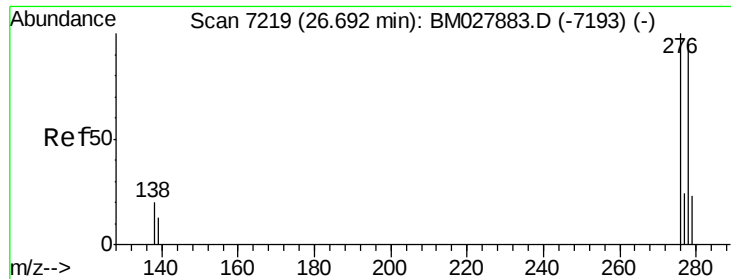
mohammad
11/24/2020 8:59:42 AM



#24
Indeno(1,2,3-cd)pyrene
Concen: 6.893 ng/u1
RT: 26.69 min Scan# 7217
Delta R.T. -0.00 min
Lab File: BM027895.D
Acq: 21 Nov 2020 23:34

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.2	15.7	23.5
227	0.0	0.0	0.0





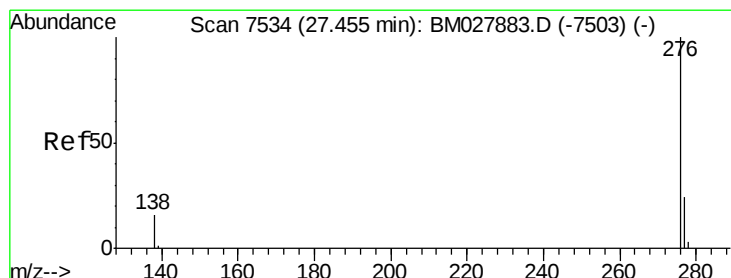
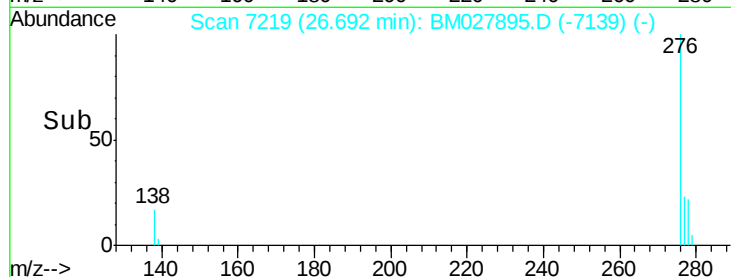
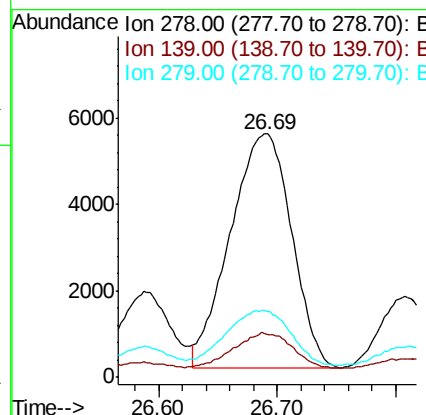
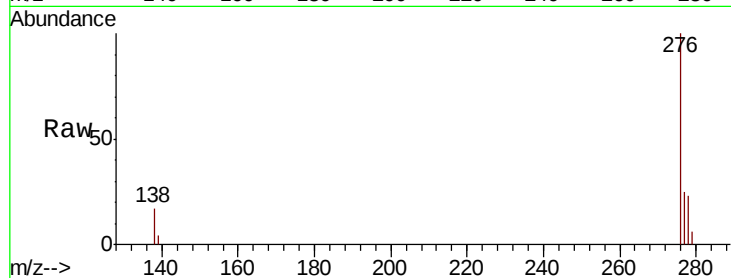
#25
Dibenzo(a,h)anthracene
Concen: 2.141 ng/ul
RT: 26.69 min Scan# 7219
Delta R.T. -0.01 min
Lab File: BM027895.D
Acq: 21 Nov 2020 23:34

Instrument :
BNA_M
ClientSampleId :
C0B07

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.6	14.8	22.2
279	26.8	25.8	38.6

Manual Integrations
APPROVED

mohammad
11/24/2020 8:59:42 AM



#26
Benzo(g,h,i)perylene
Concen: 7.825 ng/ul
RT: 27.46 min Scan# 7538
Delta R.T. 0.00 min
Lab File: BM027895.D
Acq: 21 Nov 2020 23:34

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.0	17.4	26.2#
277	24.4	22.5	33.7

