

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112320\
 Data File : BM027910.D
 Acq On : 23 Nov 2020 13:10
 Operator : JU/CG
 Sample : L4711-22
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0B08

Manual Integrations
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Quant Time: Nov 23 13:44:44 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	8.33	152	966	0.40	ng/ul	0.00
2) Naphthalene-d8	11.17	136	3855	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.94	164	2235	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.66	188	4210	0.40	ng/ul	0.00
16) Chrysene-d12	21.76	240	2385	0.40	ng/ul	0.00
20) Perylene-d12	24.18	264	2136	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.73	152	1509	0.23	ng/ul	0.00
14) Fluoranthene-d10	19.65	212	2538	0.23	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.21	128	275	0.024	ng/ul#	46
7) Acenaphthylene	14.67	152	268	0.025	ng/ul#	56
8) Acenaphthene	15.01	153	462	0.057	ng/ul	96
9) Fluorene	15.98	166	519	0.055	ng/ul#	96
11) Pentachlorophenol	17.31	266	207	0.144	ng/ul	96
12) Phenanthrene	17.70	178	22488	1.691	ng/ul	98
13) Anthracene	17.79	178	2430	0.189	ng/ul	95
15) Fluoranthene	19.68	202	51135	3.468	ng/ul	100
17) Pyrene	20.04	202	40086	3.309	ng/ul	99
18) Benzo(a)anthracene	21.75	228	14429	1.499	ng/ul	98
19) Chrysene	21.80	228	17312	1.847	ng/ul	99
21) Benzo(b)fluoranthene	23.45	252	21352m	2.379	ng/ul	
22) Benzo(k)fluoranthene	23.49	252	8202m	0.933	ng/ul	
23) Benzo(a)pyrene	24.08	252	12750	1.624	ng/ul#	90
24) Indeno(1,2,3-cd)pyrene	26.68	276	9871	1.162	ng/ul#	97
25) Dibenzo(a,h)anthracene	26.69	278	2310	0.326	ng/ul#	78
26) Benzo(a,h,i)perylene	27.46	276	8989	1.261	ng/ul	97

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

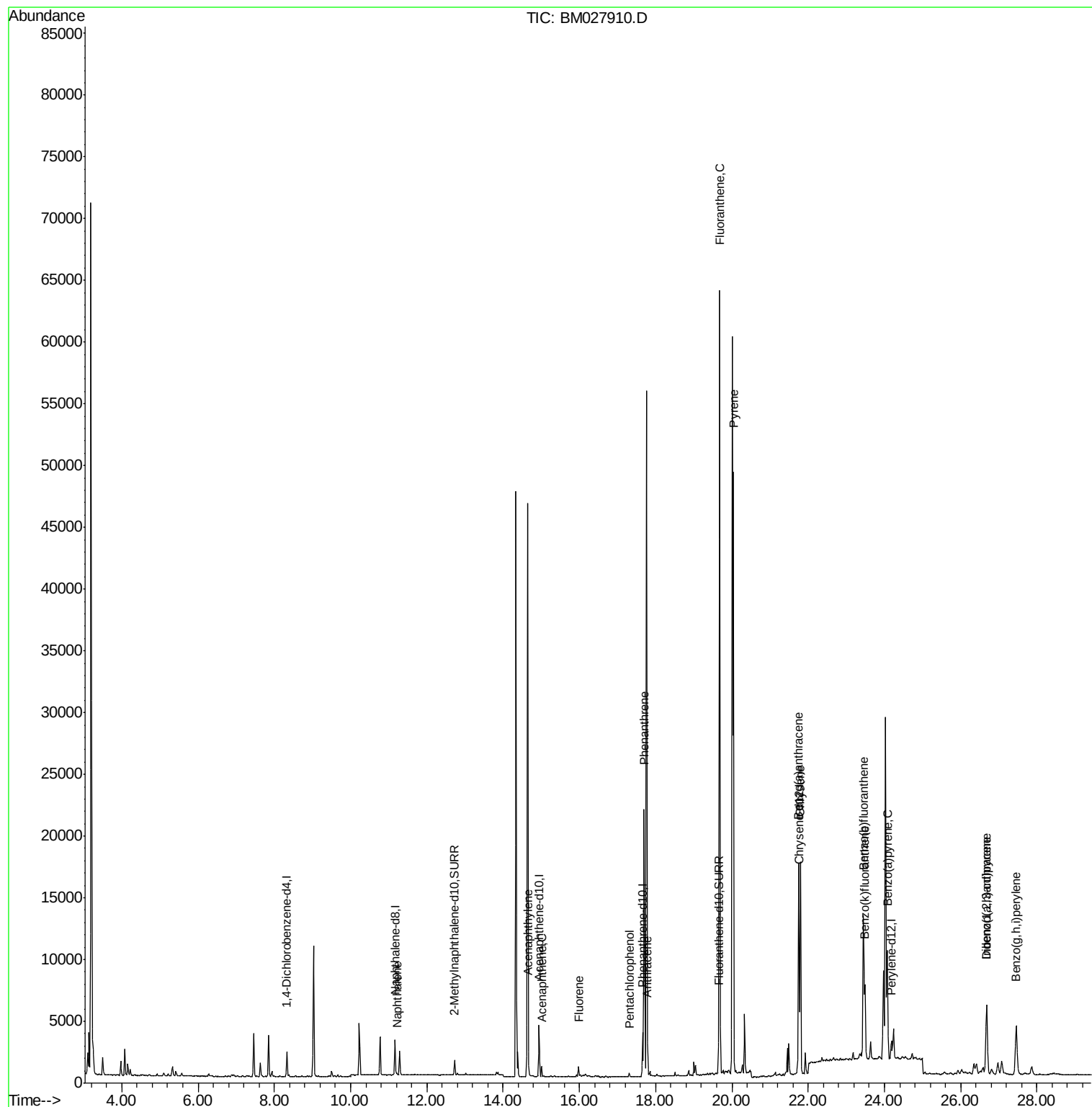
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112320\
Data File : BM027910.D
Acq On : 23 Nov 2020 13:10
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Misc :
ALS Vial : 7 Sample Multiplier: 1

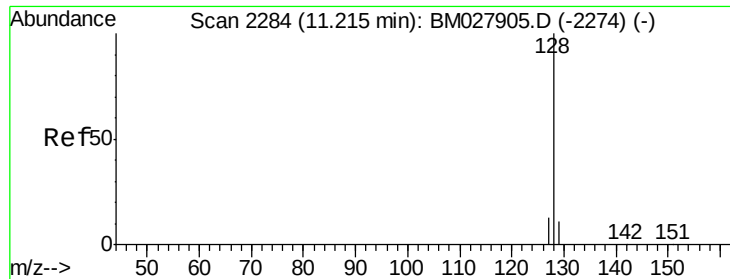
Instrument :
BNA_M
ClientSampleId :
C0B08

Quant Time: Nov 23 13:44:44 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: 0.024 ng/ul

RT: 11.21 min Scan# 2283

Delta R.T. -0.00 min

Lab File: BM027910.D

Acq: 23 Nov 2020 13:10

Instrument :

BNA_M

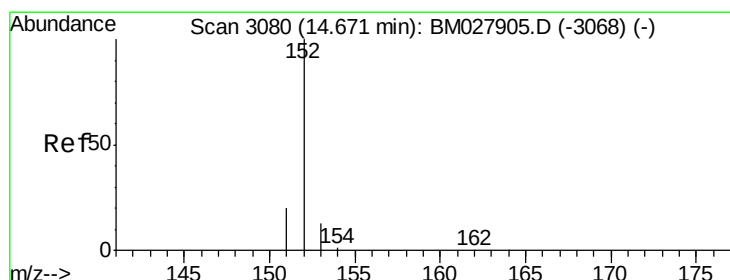
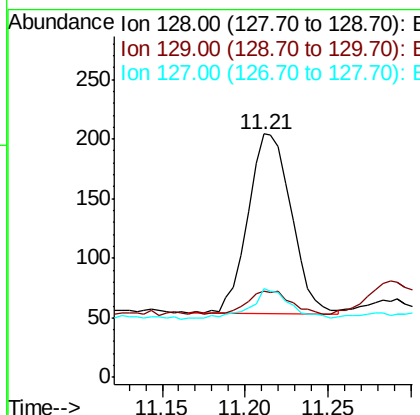
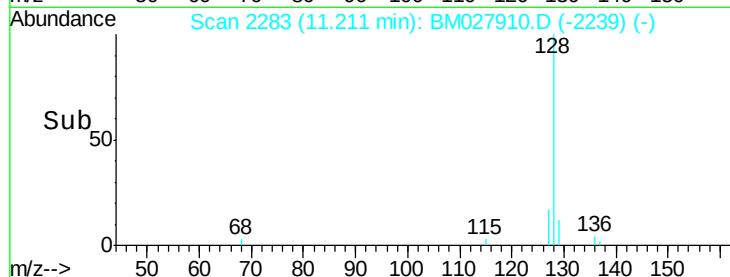
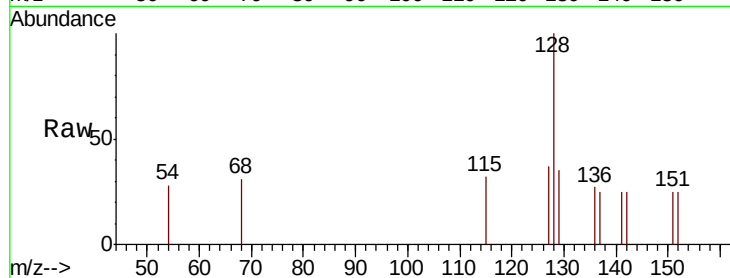
ClientSampled :

C0B08

Tot Ion:	128	Resp:	275
Ion	Ratio	Lower	Upper
128	100		
129	35.3	10.4	15.6#
127	36.8	12.0	18.0#

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#7

Acenaphthylene

Concen: 0.025 ng/ul

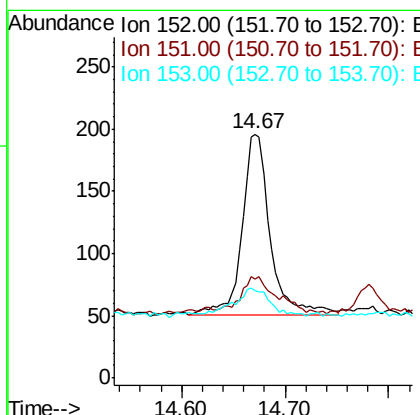
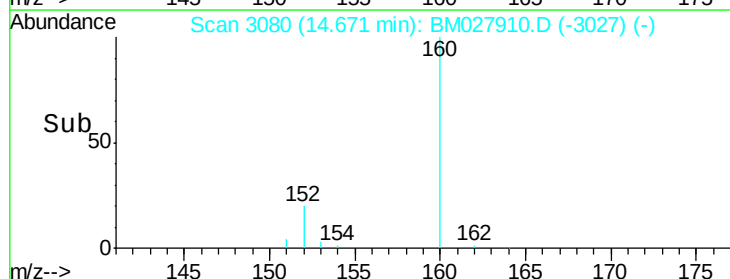
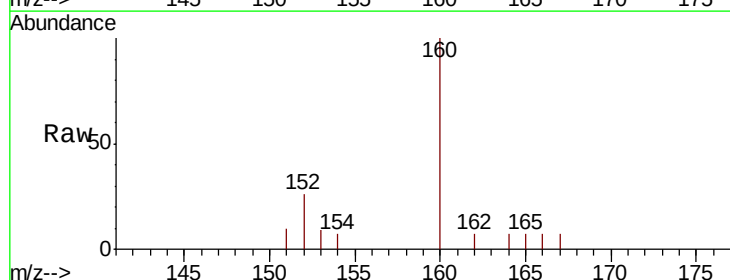
RT: 14.67 min Scan# 3080

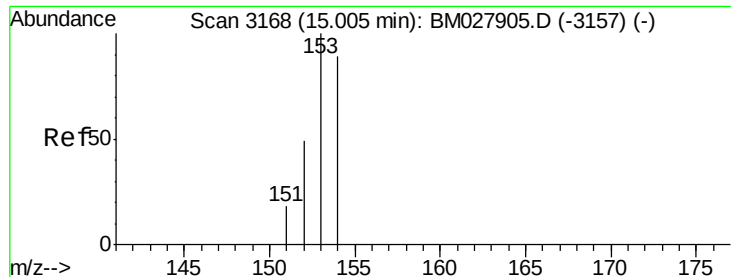
Delta R.T. 0.00 min

Lab File: BM027910.D

Acq: 23 Nov 2020 13:10

Tgt Ion:	152	Resp:	268
Ion	Ratio	Lower	Upper
152	100		
151	40.3	17.1	25.7#
153	35.7	12.0	18.0#





#8

Acenaphthene

Concen: 0.057 ng/ul

RT: 15.01 min Scan# 3169

Delta R.T. 0.00 min

Lab File: BM027910.D

Acq: 23 Nov 2020 13:10

Instrument :

BNA_M

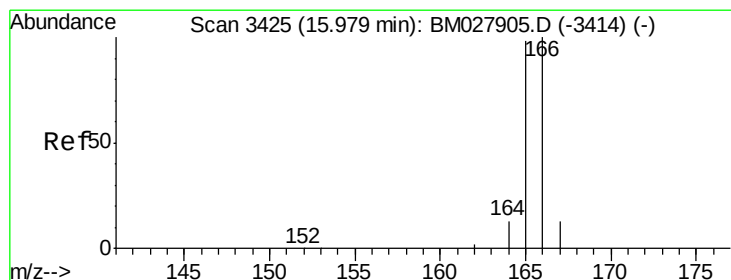
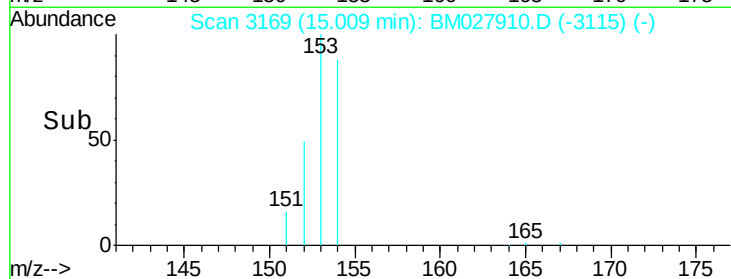
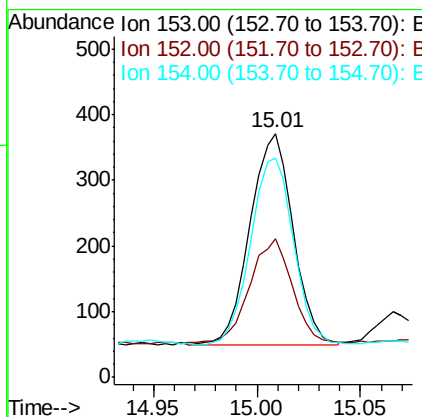
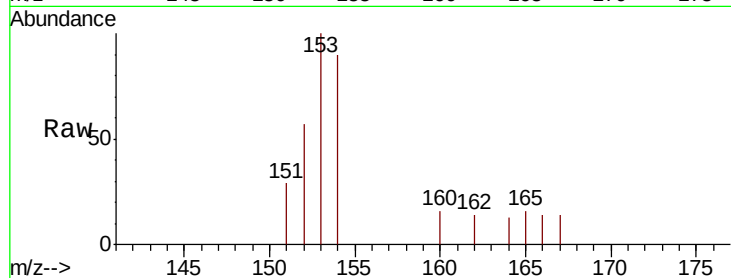
ClientSampleId :

C0B08

Tot Ion:	153	Resp:	462
Ion	Ratio	Lower	Upper
153	100		
152	56.9	39.0	58.6
154	89.8	71.6	107.4

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#9

Fluorene

Concen: 0.055 ng/ul

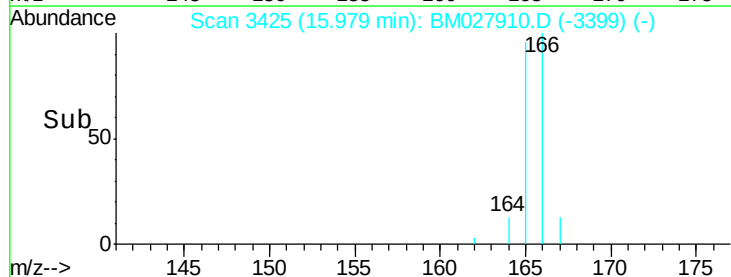
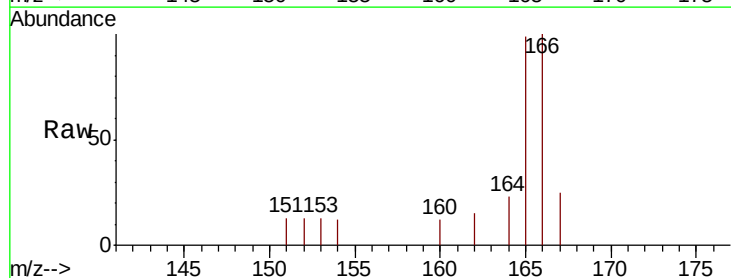
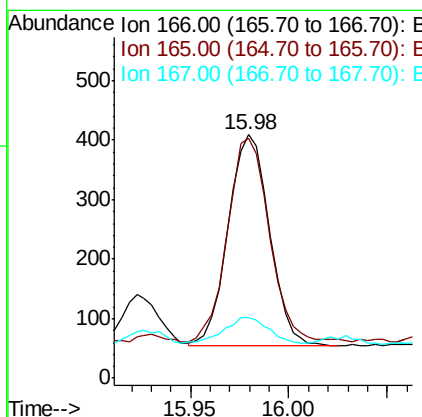
RT: 15.98 min Scan# 3425

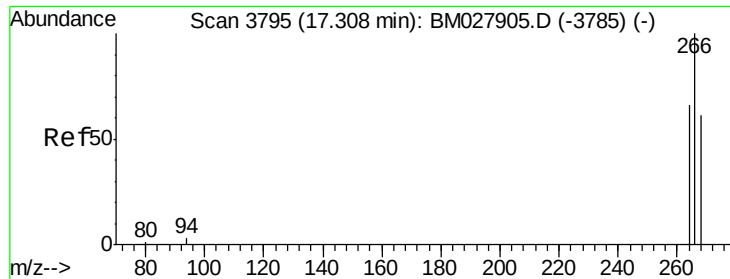
Delta R.T. 0.00 min

Lab File: BM027910.D

Acq: 23 Nov 2020 13:10

Tgt Ion:	166	Resp:	519
Ion	Ratio	Lower	Upper
166	100		
165	98.8	78.1	117.1
167	25.2	11.8	17.8#





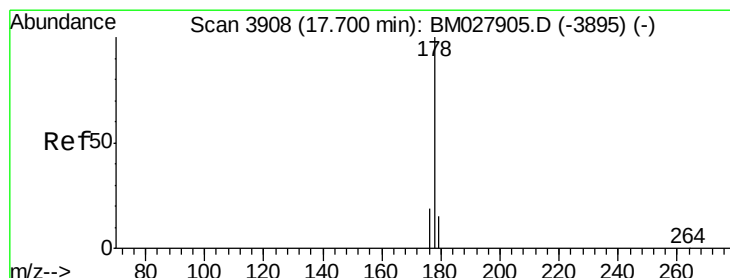
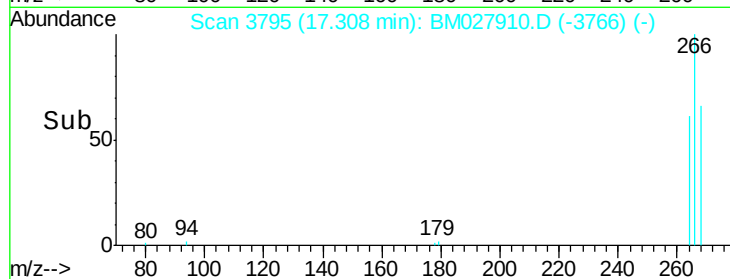
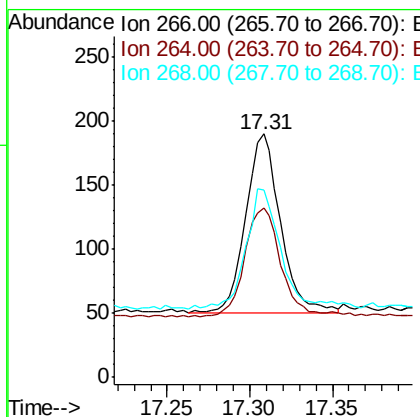
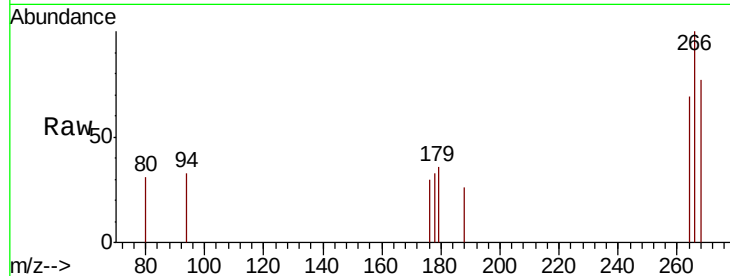
#11
 Pentachlorophenol
 Concen: 0.144 ng/ul
 RT: 17.31 min Scan# 3795
 Delta R.T. 0.00 min
 Lab File: BM027910.D
 Acq: 23 Nov 2020 13:10

Instrument :
 BNA_M
 ClientSampleId :
 C0B08

Tot Ion:	266	Resp:	207
Ion	Ratio	Lower	Upper
266	100		
264	64.3	49.6	74.4
268	68.6	52.1	78.1

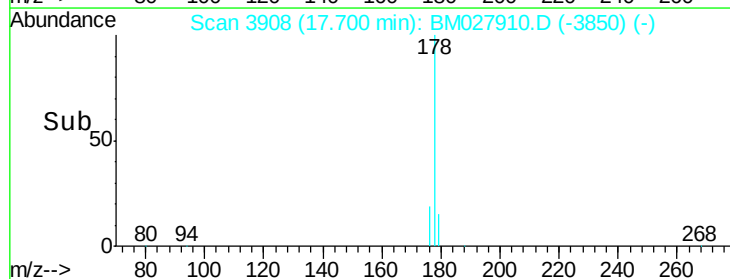
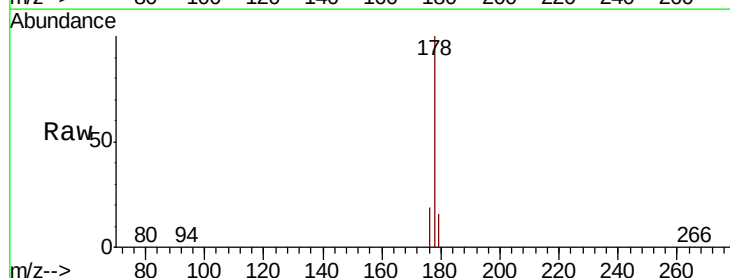
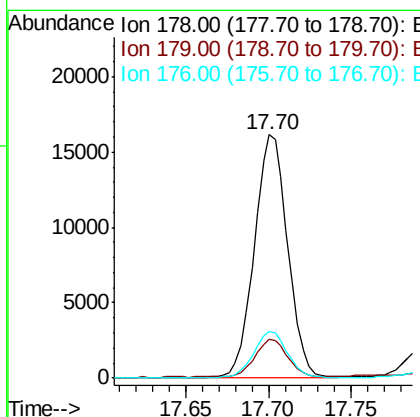
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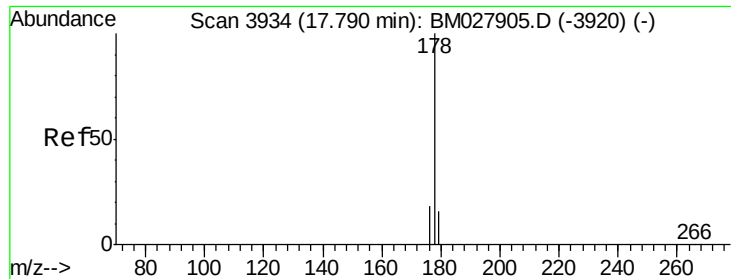
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#12
 Phenanthrene
 Concen: 1.691 ng/ul
 RT: 17.70 min Scan# 3908
 Delta R.T. 0.00 min
 Lab File: BM027910.D
 Acq: 23 Nov 2020 13:10

Tgt Ion:	178	Resp:	22488
Ion	Ratio	Lower	Upper
178	100		
179	15.7	13.6	20.4
176	19.3	16.1	24.1





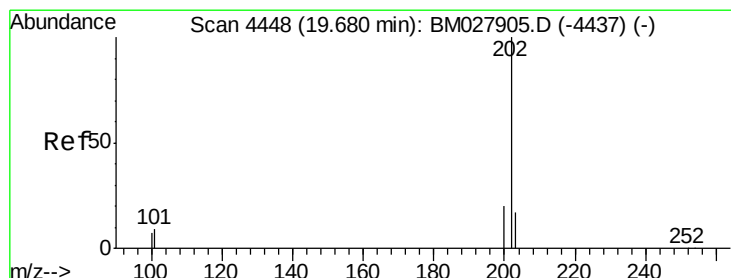
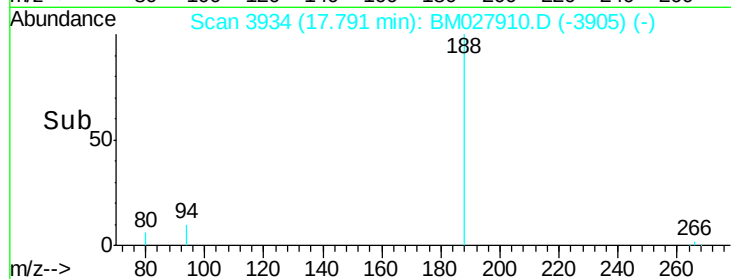
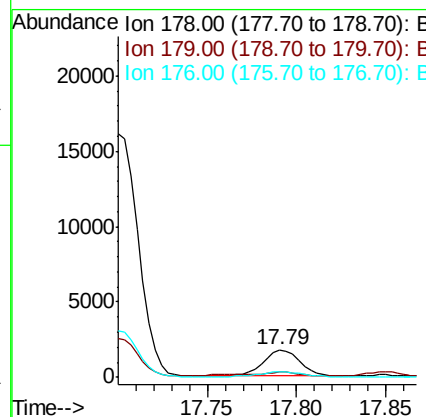
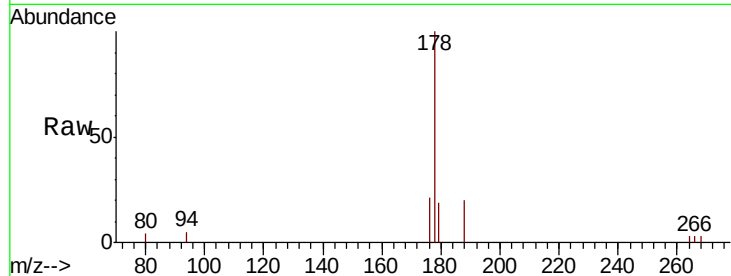
#13
 Anthracene
 Concen: 0.189 ng/ul
 RT: 17.79 min Scan# 3934
 Delta R.T. 0.00 min
 Lab File: BM027910.D
 Acq: 23 Nov 2020 13:10

Instrument :
 BNA_M
 ClientSampleId :
 C0B08

Tot Ion	Ratio	Lower	Upper
178	100		
179	19.3	13.4	20.2
176	21.1	15.0	22.6

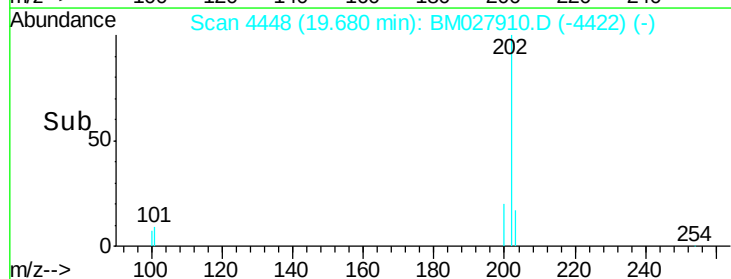
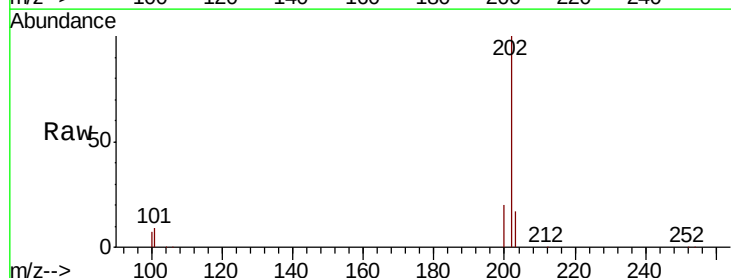
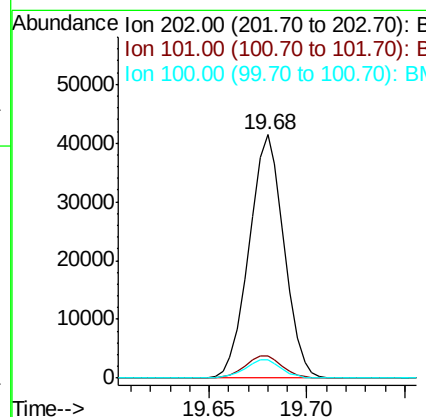
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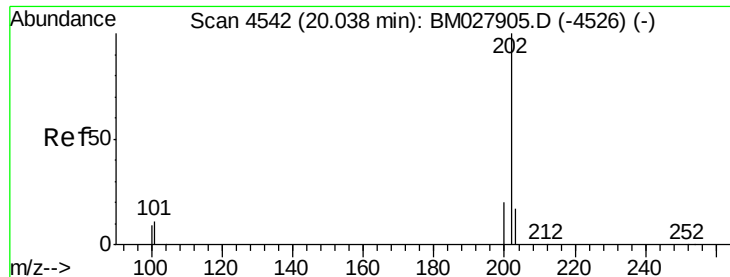
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#15
 Fluoranthene
 Concen: 3.468 ng/ul
 RT: 19.68 min Scan# 4448
 Delta R.T. 0.00 min
 Lab File: BM027910.D
 Acq: 23 Nov 2020 13:10

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.4	0.0	29.3
100	7.4	0.0	27.4





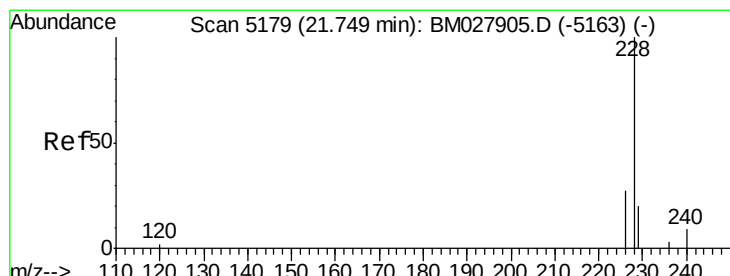
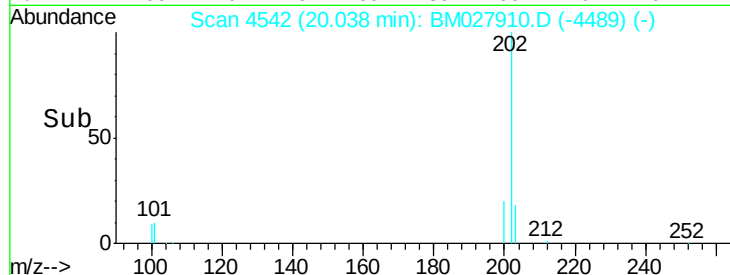
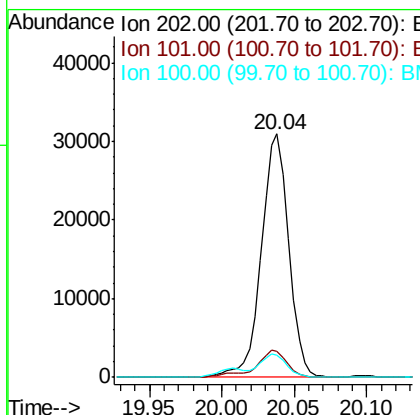
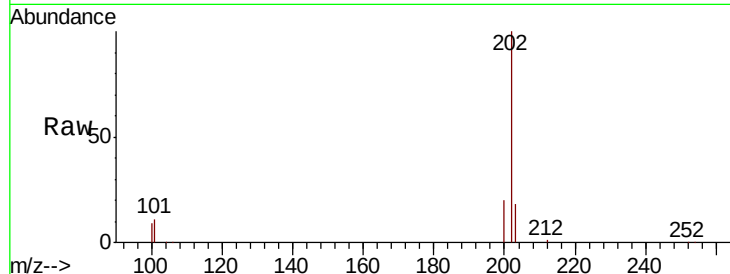
#17
Pvrene
Concen: 3.309 ng/ul
RT: 20.04 min Scan# 4542
Delta R.T. 0.00 min
Lab File: BM027910.D
Acq: 23 Nov 2020 13:10

Instrument :
BNA_M
ClientSampleId :
C0B08

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.6	8.2	12.2
100	8.9	6.9	10.3

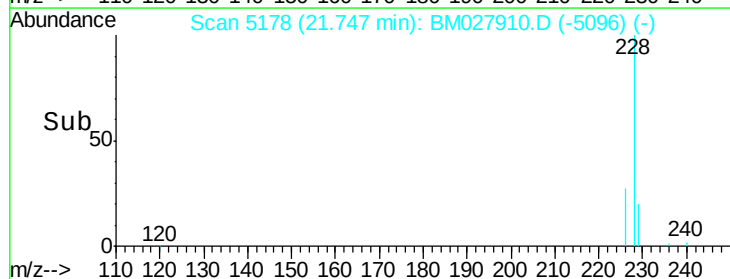
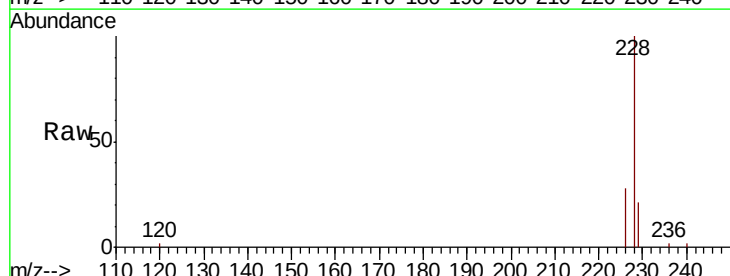
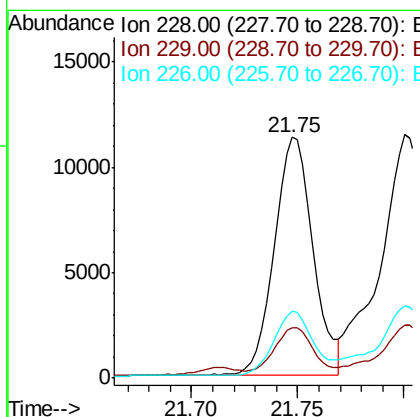
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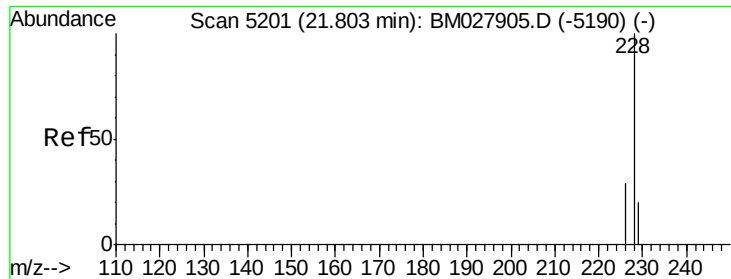
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#18
Benzo(a)anthracene
Concen: 1.499 ng/ul
RT: 21.75 min Scan# 5178
Delta R.T. -0.00 min
Lab File: BM027910.D
Acq: 23 Nov 2020 13:10

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	20.8	16.2	24.4
226	28.0	21.5	32.3





#19

Chrysene

Concen: 1.847 ng/ul

RT: 21.80 min Scan# 5200

Delta R.T. -0.00 min

Lab File: BM027910.D

Acq: 23 Nov 2020 13:10

Instrument :

BNA_M

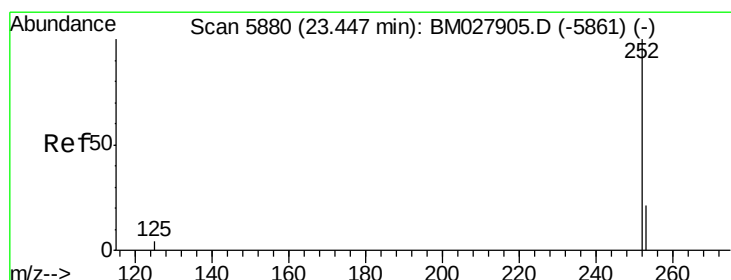
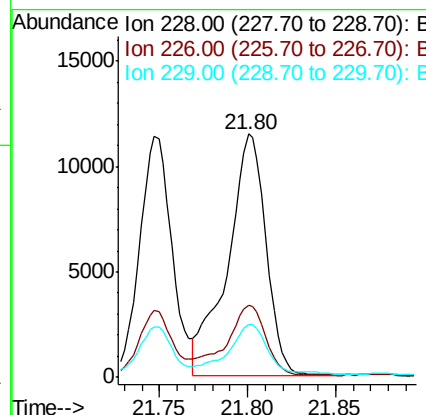
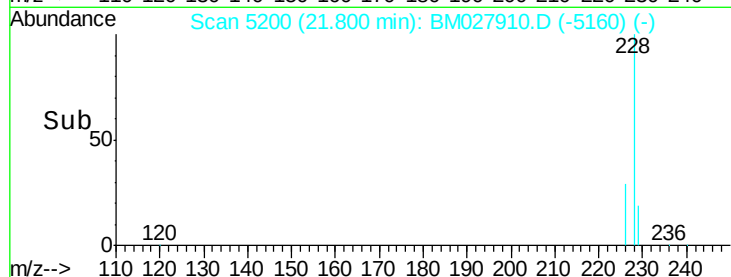
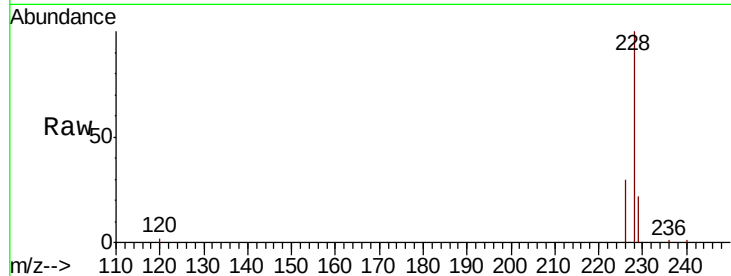
ClientSampleId :

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Tot Ion:	228	Resp:	17312
Ion Ratio	Lower	Upper	
228	100		
226	29.8	24.1	36.1
229	21.8	16.6	24.8

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#21

Benzo(b)fluoranthene

Concen: 2.379 ng/ul m

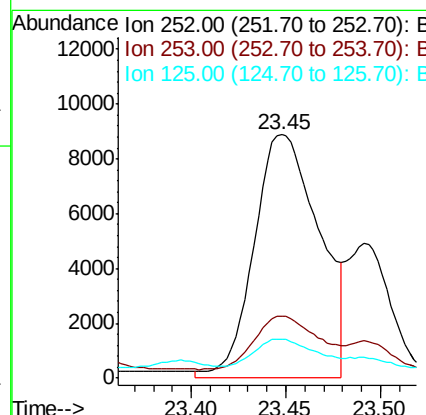
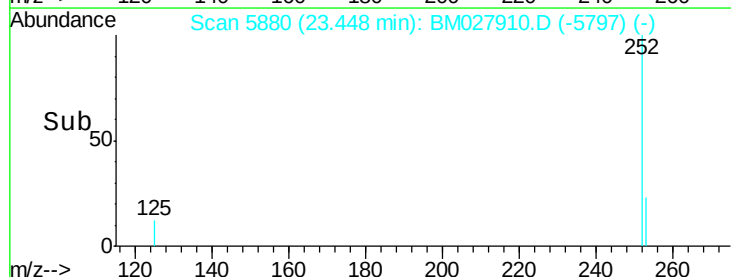
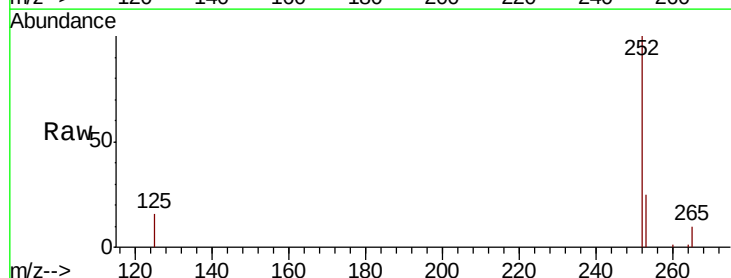
RT: 23.45 min Scan# 5880

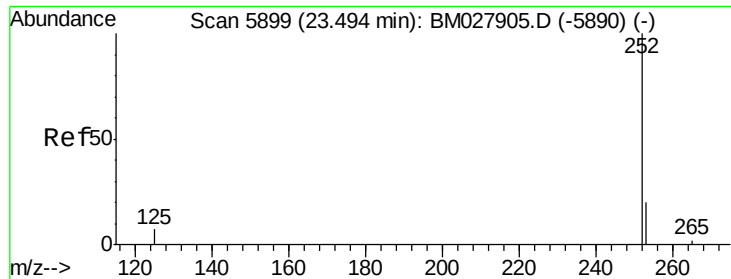
Delta R.T. 0.00 min

Lab File: BM027910.D

Acq: 23 Nov 2020 13:10

Tgt Ion:	252	Resp:	21352
Ion Ratio	Lower	Upper	
252	100		
253	25.2	0.0	59.6
125	15.8	0.0	28.4





#22

Benzo(k)fluoranthene

Concen: 0.933 ng/ul m

RT: 23.49 min Scan# 5898

Delta R.T. -0.00 min

Lab File: BM027910.D

Acq: 23 Nov 2020 13:10

Instrument :

BNA_M

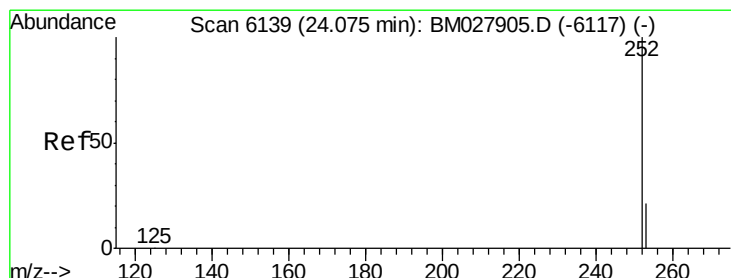
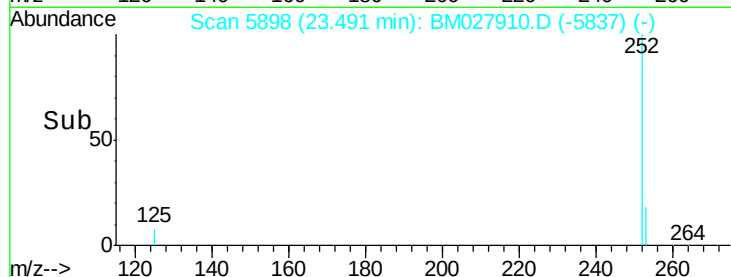
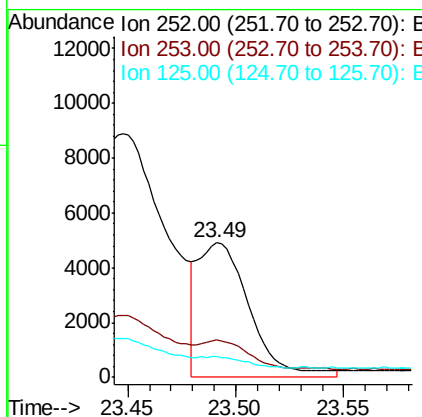
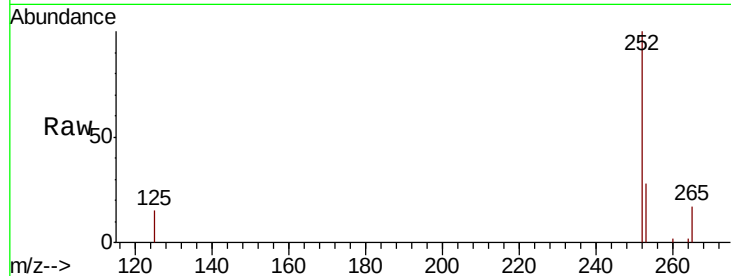
ClientSampleId :

C0B08

Tot Ion	Ratio	Lower	Upper
252	100		
253	27.7	23.2	34.8
125	15.1	11.8	17.6

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#23

Benzo(a)pyrene

Concen: 1.624 ng/ul

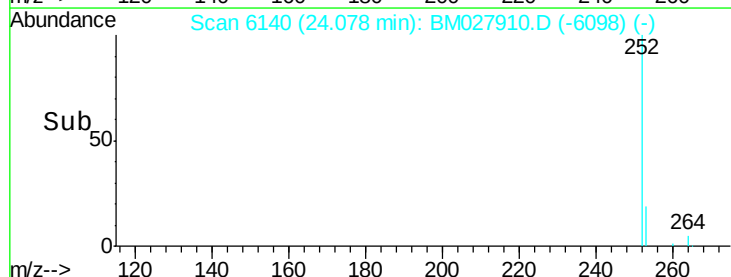
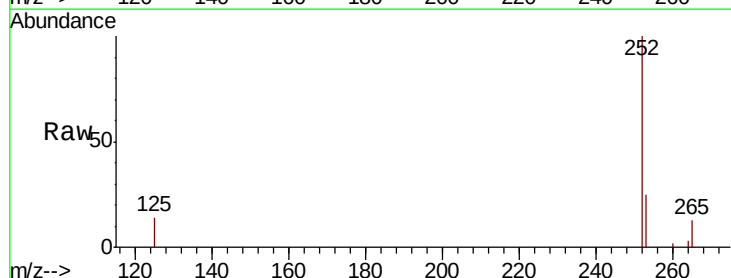
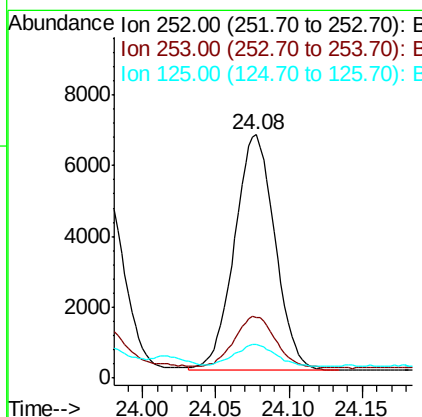
RT: 24.08 min Scan# 6140

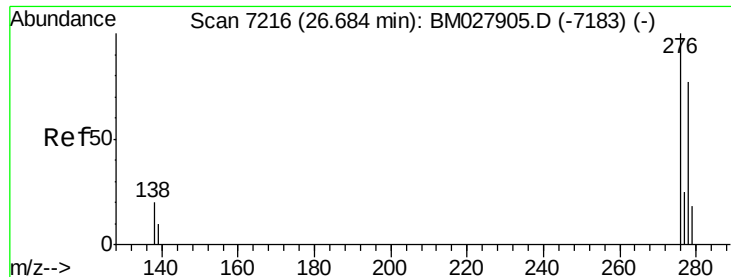
Delta R.T. 0.00 min

Lab File: BM027910.D

Acq: 23 Nov 2020 13:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.0	25.2	37.8#
125	13.7	13.8	20.6#





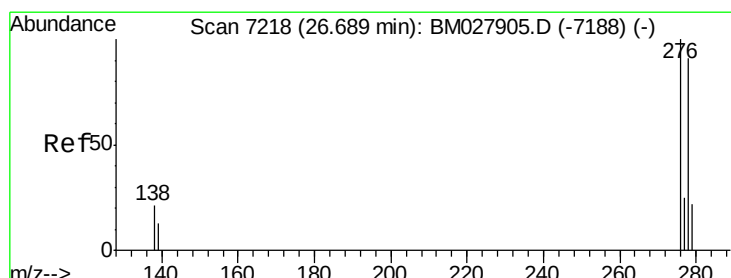
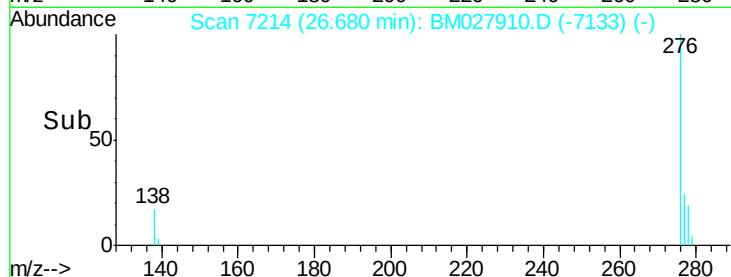
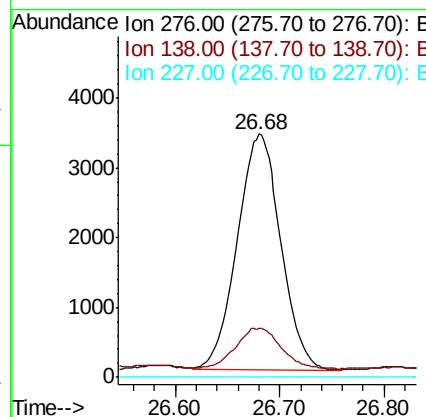
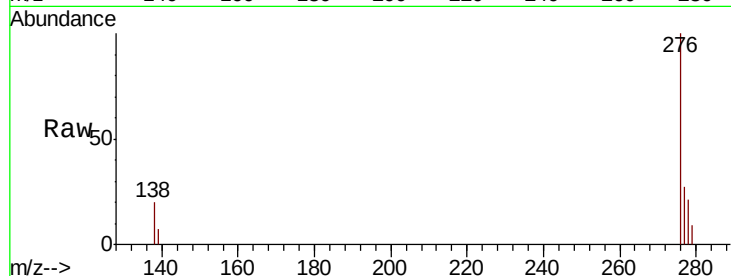
#24
Indeno(1,2,3-cd)pyrene
Concen: 1.162 ng/ul
RT: 26.68 min Scan# 7214
Delta R.T. -0.00 min
Lab File: BM027910.D
Acq: 23 Nov 2020 13:10

Instrument :
BNA_M
ClientSampleId :
C0B08

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.1	15.7	23.5
227	0.0	0.0	0.0

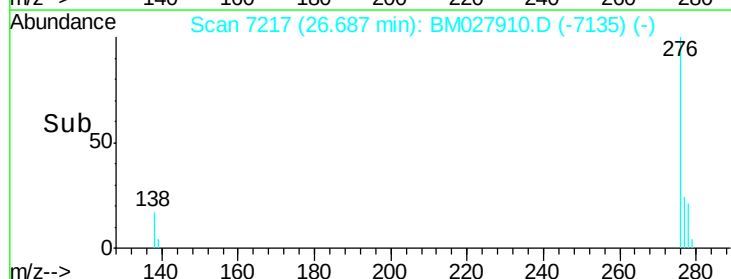
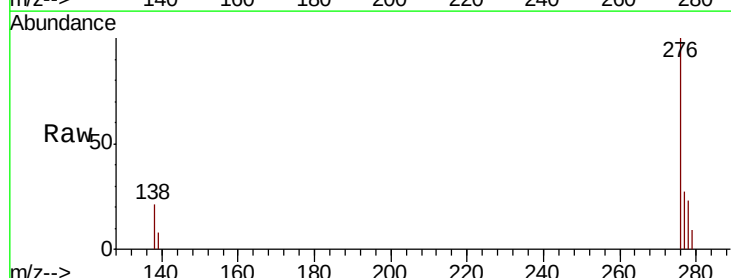
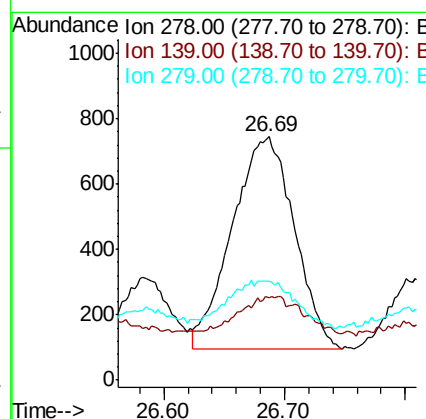
Manual Integrations
APPROVED

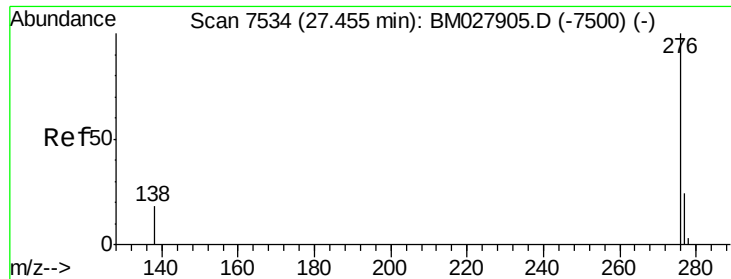
mohammad
11/25/2020 12:44:14 PM



#25
Dibenzo(a,h)anthracene
Concen: 0.326 ng/ul
RT: 26.69 min Scan# 7217
Delta R.T. -0.00 min
Lab File: BM027910.D
Acq: 23 Nov 2020 13:10

Tgt Ion	Ratio	Lower	Upper
278	100		
139	33.8	14.8	22.2#
279	40.5	25.8	38.6#





#26

Benzo(a,h,i)perylene

Concen: 1.261 ng/ul

RT: 27.46 min Scan# 7536

Delta R.T. 0.01 min

Lab File: BM027910.D

Acq: 23 Nov 2020 13:10

Instrument :

BNA_M

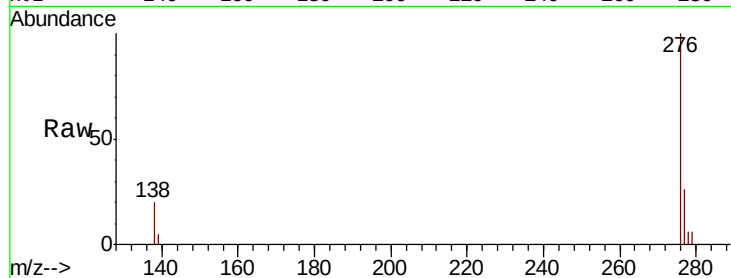
ClientSampleId :

C0B08

Tot Ion:	276	Resp:	8989
Ion Ratio	Lower	Upper	
276	100		
138	20.4	17.4	26.2
277	26.0	22.5	33.7

Manual Integrations
APPROVED

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11/25/2020 12:44:14 PM



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

