

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021821\
 Data File : BM028823.D
 Acq On : 19 Feb 2021 17:03
 Operator : CG/JU
 Sample : M1412-13
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBGX8

Manual Integrations
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Quant Time: Feb 19 17:39:44 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM020521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 19 10:10:00 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	400	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	1639	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	921	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.27	188	1790	0.40	ng/ul	0.00
16) Chrysene-d12	21.42	240	1746	0.40	ng/ul	0.00
20) Perylene-d12	23.66	264	1656	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	466	0.20	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	946	0.20	ng/ul	0.00
Target Compounds						
					Ovalue	
3) Naphthalene	10.74	128	149	0.037	ng/ul#	28
5) 2-Methylnaphthalene	12.36	142	65	0.024	ng/ul	99
7) Acenaphthylene	14.26	152	149	0.040	ng/ul#	34
12) Phenanthrene	17.32	178	369	0.074	ng/ul#	70
13) Anthracene	17.41	178	169	0.035	ng/ul#	40
15) Fluoranthene	19.32	202	1082	0.190	ng/ul	94
17) Pyrene	19.68	202	921m	0.145	ng/ul	
18) Benzo(a)anthracene	21.41	228	448	0.075	ng/ul#	59
19) Chrysene	21.46	228	746	0.126	ng/ul#	67
21) Benzo(b)fluoranthene	22.99	252	1287m	0.227	ng/ul	
22) Benzo(k)fluoranthene	23.03	252	402m	0.071	ng/ul	
23) Benzo(a)pyrene	23.56	252	497	0.098	ng/ul#	22
24) Indeno(1,2,3-cd)pyrene	25.91	276	461	0.070	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.91	278	135	0.024	ng/ul#	1
26) Benzo(g,h,i)perylene	26.61	276	157	0.029	ng/ul#	1

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

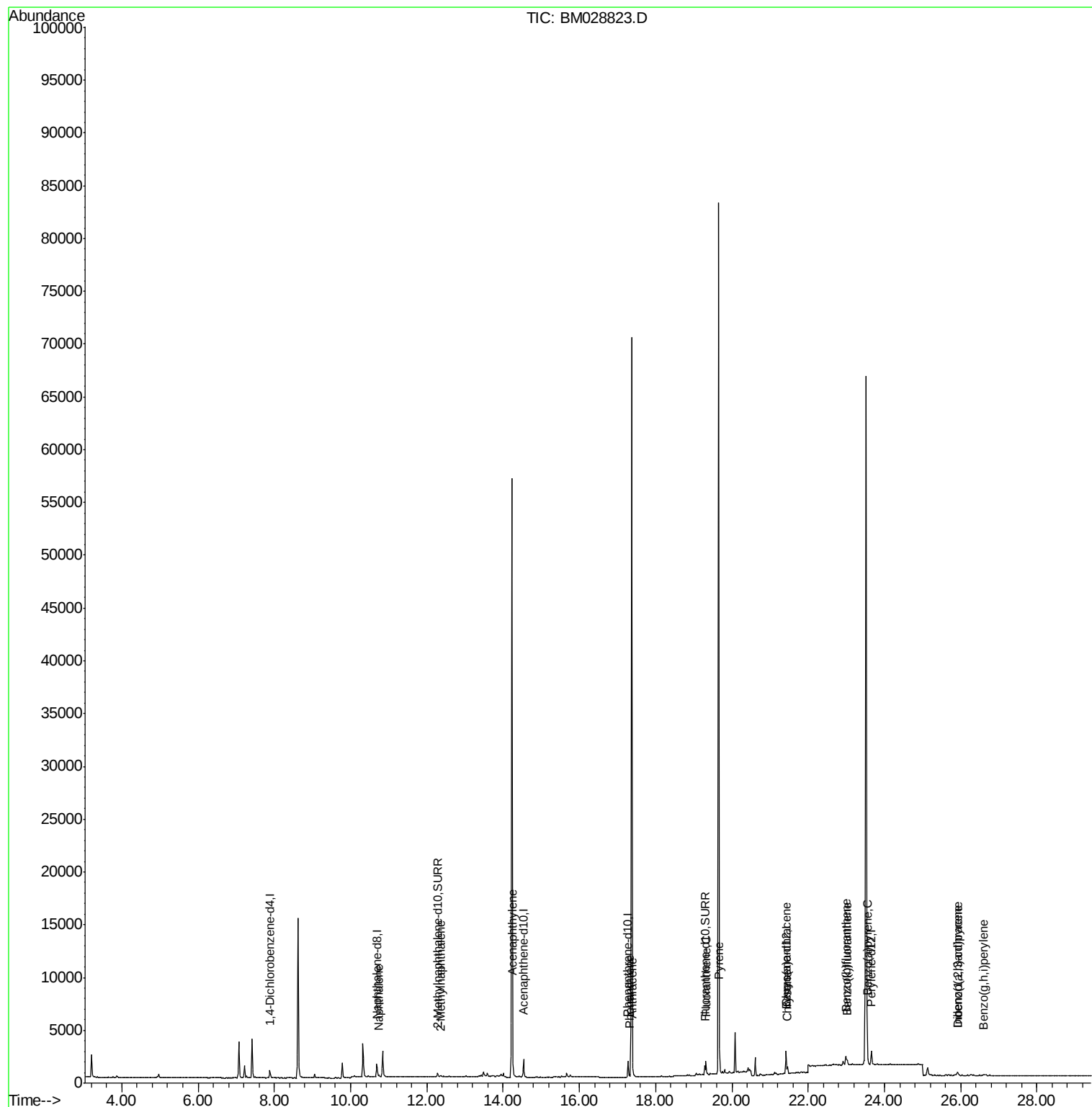
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021821\
Data File : BM028823.D
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ALS Vial : 38 Sample Multiplier: 1

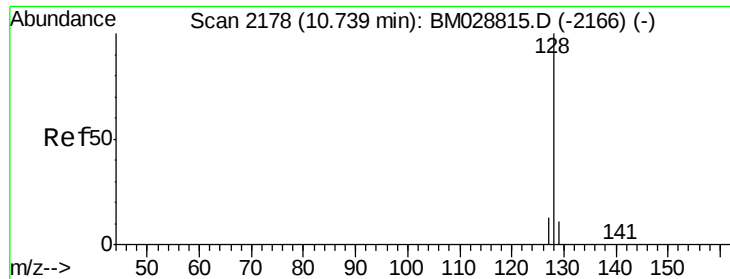
Instrument :
BNA_M
ClientSampleId :
DBGX8

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Quant Time: Feb 19 17:39:44 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM020521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 19 10:10:00 2021
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.037 ng/ul

RT: 10.74 min Scan# 2178

Delta R.T. 0.00 min

Lab File: BM028823.D

Acq: 19 Feb 2021 17:03

Instrument :

BNA_M

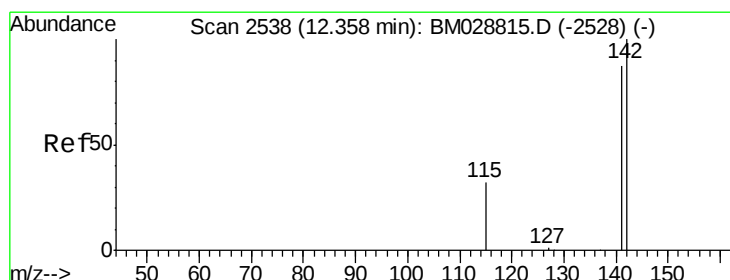
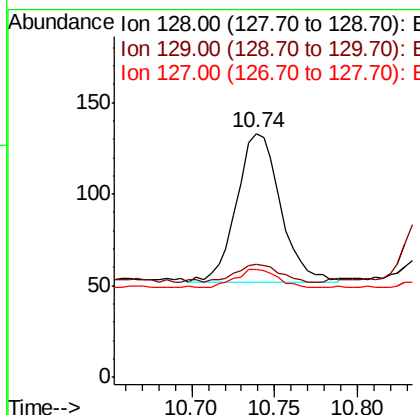
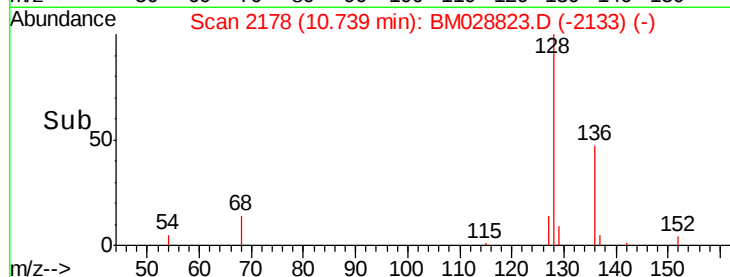
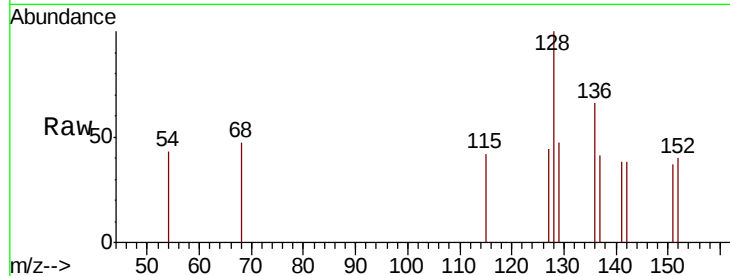
ClientSampleId :

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Tot Ion:	128	Resp:	149
Ion Ratio	Lower	Upper	
128	100		
129	46.6	11.4	17.2#
127	44.4	13.0	19.6#

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#5

2-Methylnaphthalene

Concen: 0.024 ng/ul

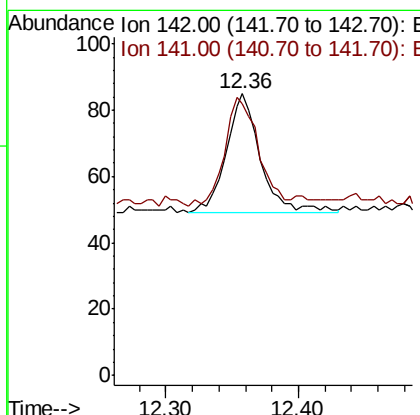
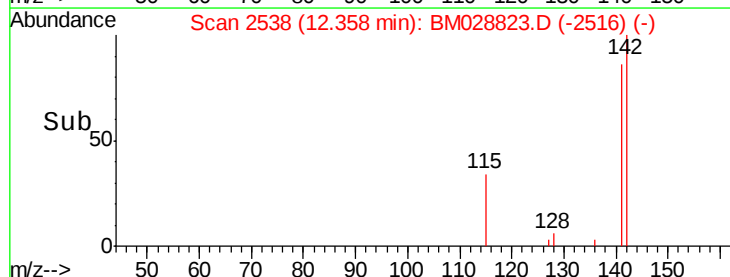
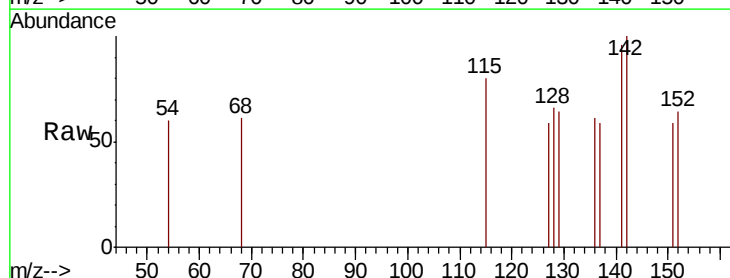
RT: 12.36 min Scan# 2538

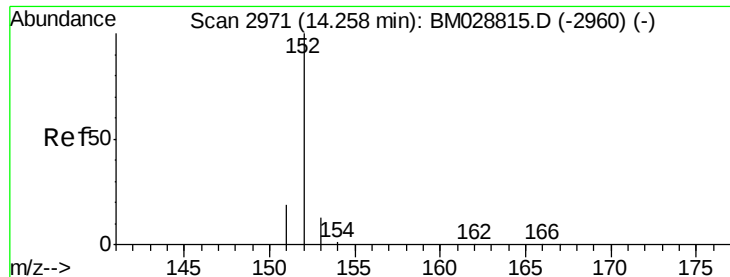
Delta R.T. 0.00 min

Lab File: BM028823.D

Acq: 19 Feb 2021 17:03

Tgt Ion:	142	Resp:	65
Ion Ratio	Lower	Upper	
142	100		
141	89.2	72.2	108.4





#7

Acenaphthylene

Concen: 0.040 ng/ul

RT: 14.26 min Scan# 2971

Delta R.T. 0.00 min

Lab File: BM028823.D

Acq: 19 Feb 2021 17:03

Instrument :

BNA_M

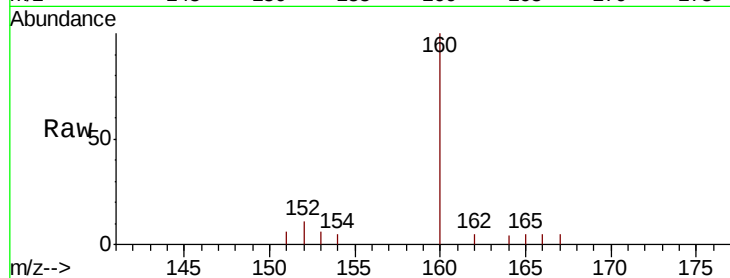
ClientSampleId :

DBGX8

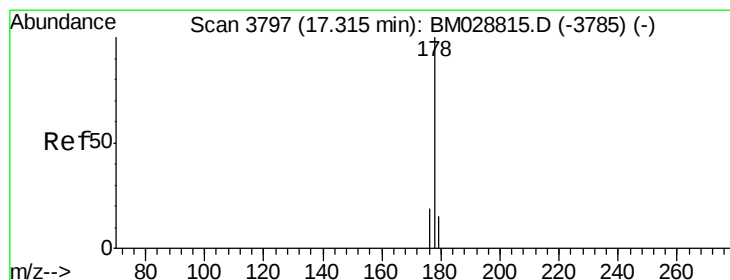
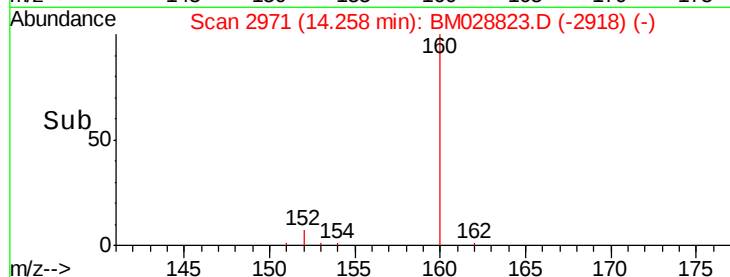
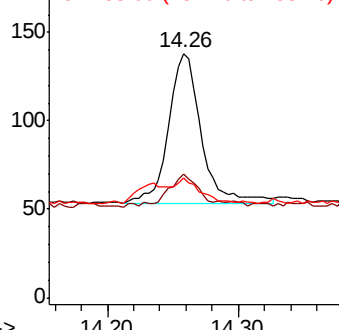
Tot Ion:	152	Resp:	149
Ion Ratio	Lower	Upper	
152	100		
151	50.7	18.0	27.0#
153	49.3	13.4	20.0#

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#12

Phenanthrene

Concen: 0.074 ng/ul

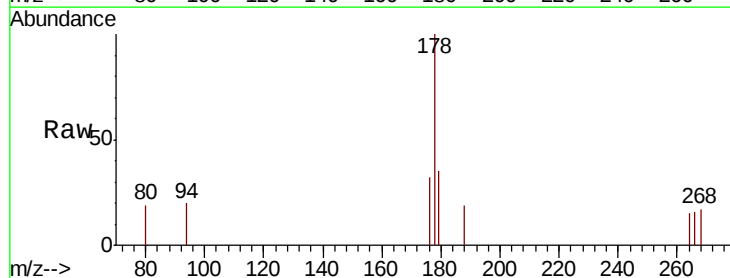
RT: 17.32 min Scan# 3797

Delta R.T. 0.00 min

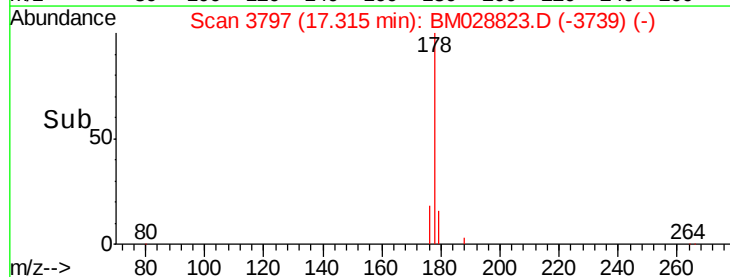
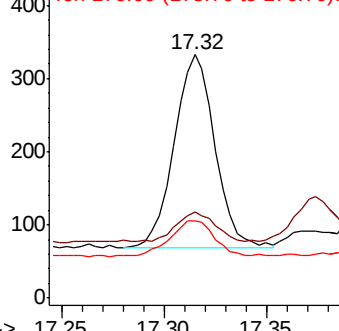
Lab File: BM028823.D

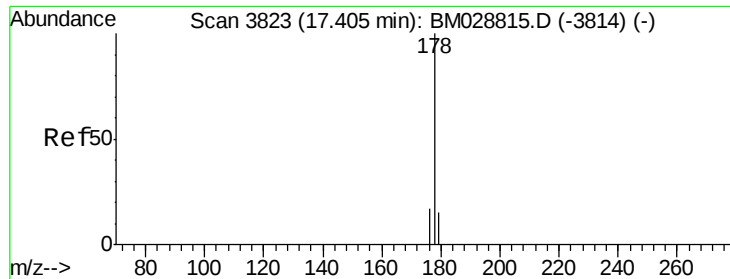
Acq: 19 Feb 2021 17:03

Tgt Ion:	178	Resp:	369
Ion Ratio	Lower	Upper	
178	100		
179	35.4	14.7	22.1#
176	31.5	16.7	25.1#



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: 0.035 ng/ul

RT: 17.41 min Scan# 3823

Delta R.T. -0.00 min

Lab File: BM028823.D

Acq: 19 Feb 2021 17:03

Instrument :

BNA_M

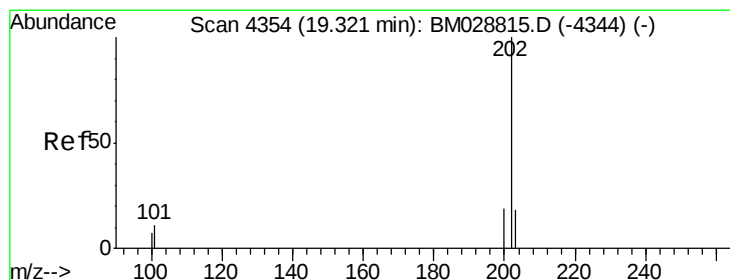
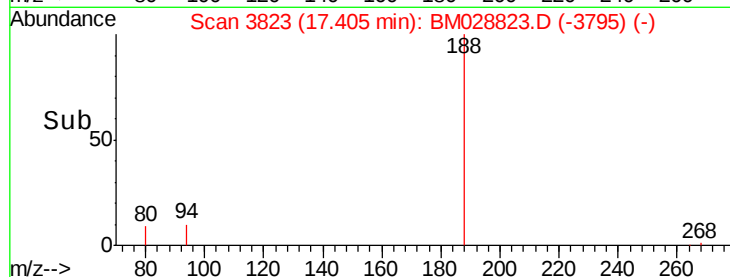
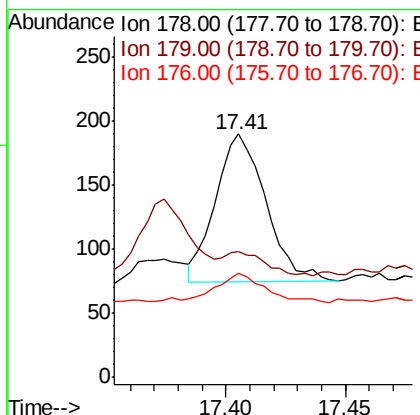
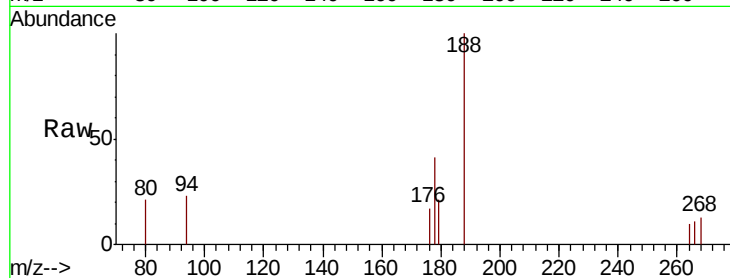
ClientSampleId :

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Tot Ion:	178	Resp:	169
Ion	Ratio	Lower	Upper
178	100		
179	51.6	15.0	22.4#
176	42.6	16.6	24.8#

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#15

Fluoranthene

Concen: 0.190 ng/ul

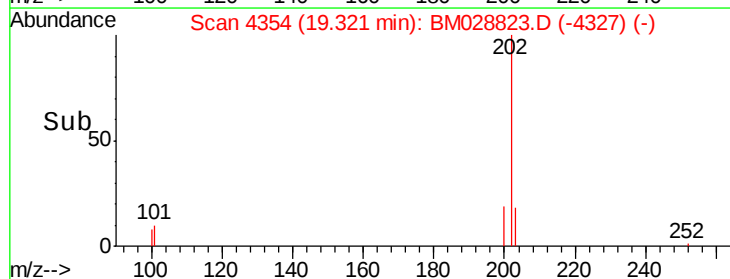
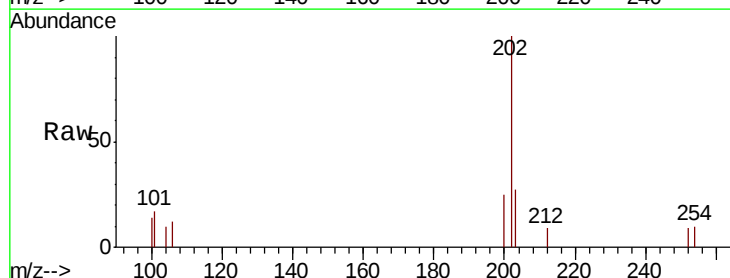
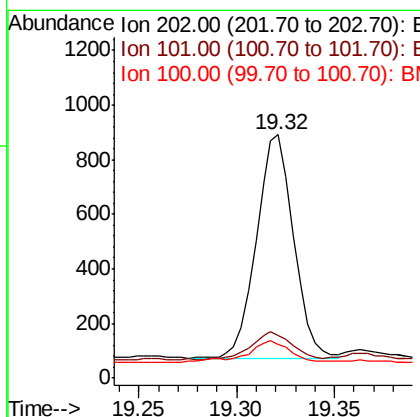
RT: 19.32 min Scan# 4354

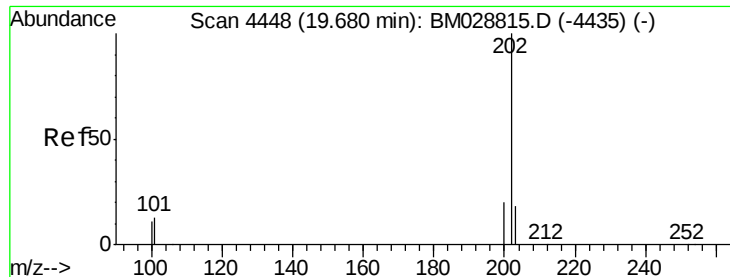
Delta R.T. 0.00 min

Lab File: BM028823.D

Acq: 19 Feb 2021 17:03

Tgt Ion:	202	Resp:	1082
Ion	Ratio	Lower	Upper
202	100		
101	17.4	0.0	34.5
100	13.9	0.0	31.7





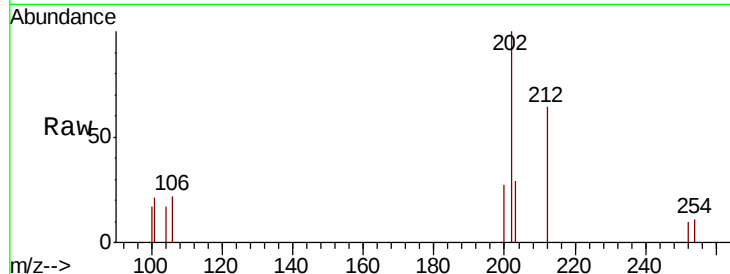
#17
Pvrene
Concen: 0.145 ng/ul m
RT: 19.68 min Scan# 4448
Delta R.T. 0.00 min
Lab File: BM028823.D
Acq: 19 Feb 2021 17:03

Instrument :
BNA_M
ClientSampled :
DBGX8

Tot Ion	Ratio	Lower	Upper
202	100		
101	21.1	12.7	19.1#
100	17.0	10.2	15.4#

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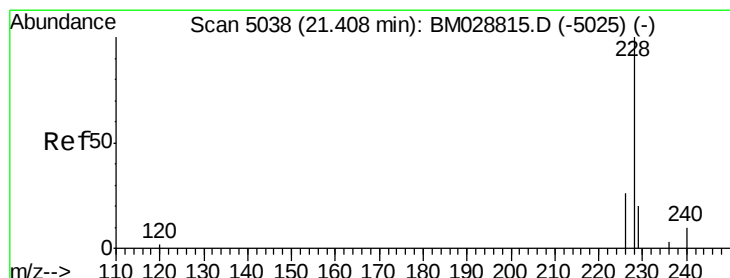
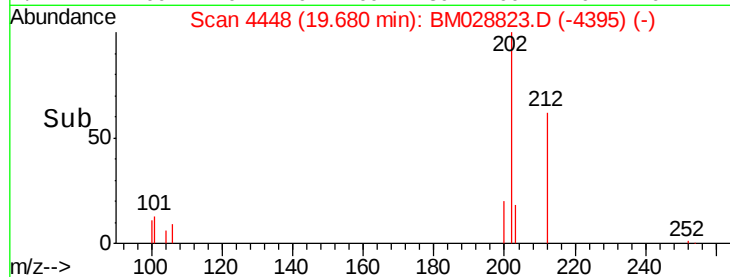
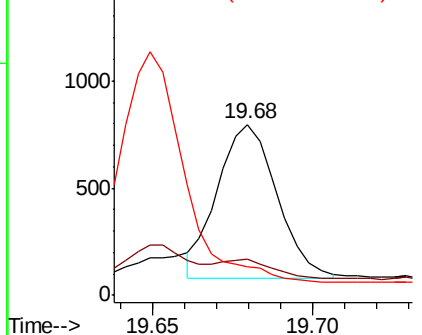


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E



#18
Benzo(a)anthracene
Concen: 0.075 ng/ul
RT: 21.41 min Scan# 5038
Delta R.T. 0.00 min
Lab File: BM028823.D
Acq: 19 Feb 2021 17:03

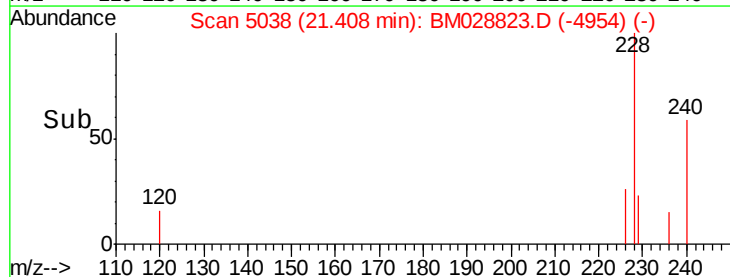
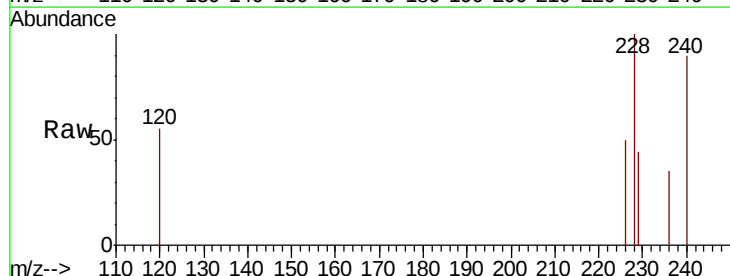
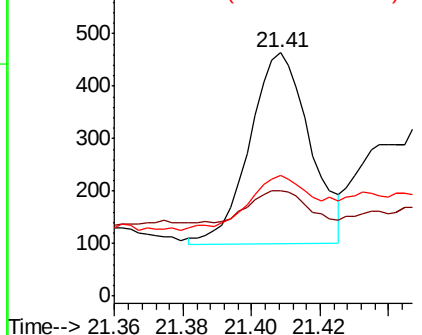
Tgt Ion	Ratio	Lower	Upper
228	100		
229	43.5	18.9	28.3#
226	49.8	22.6	34.0#

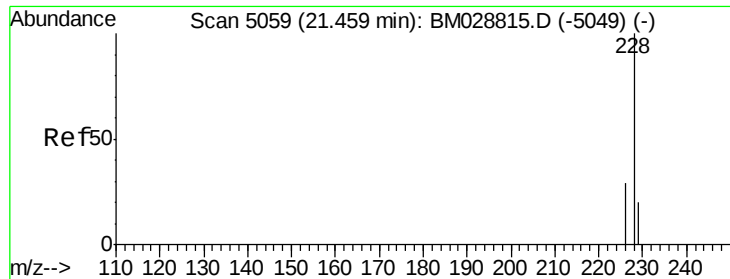
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.126 ng/ul

RT: 21.46 min Scan# 5059

Delta R.T. 0.00 min

Lab File: BM028823.D

Acq: 19 Feb 2021 17:03

Instrument :

BNA_M

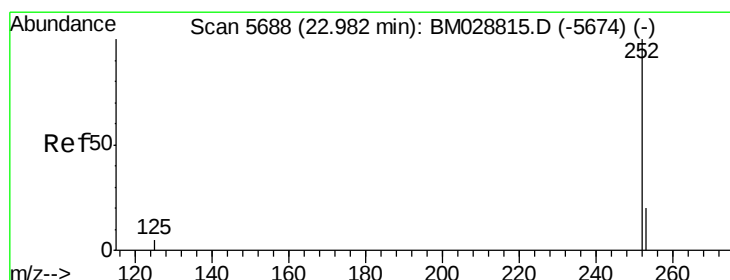
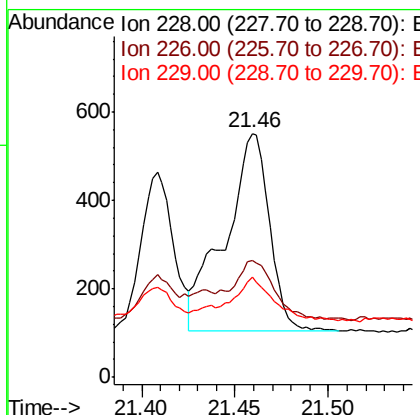
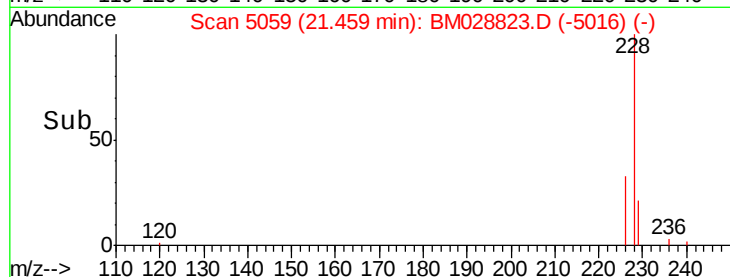
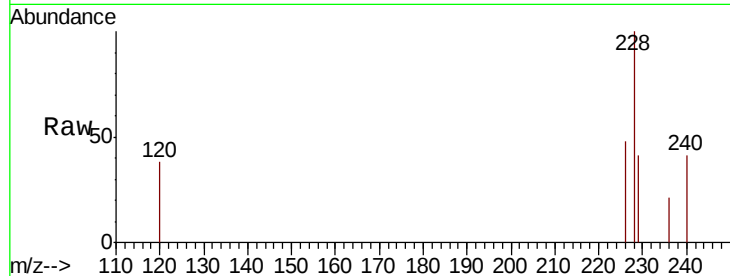
ClientSampleId :

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Tot Ion:	228	Resp:	746
Ion Ratio	Lower	Upper	
228	100		
226	48.1	24.6	37.0#
229	40.8	18.8	28.2#

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#21

Benzo(b)fluoranthene

Concen: 0.227 ng/ul m

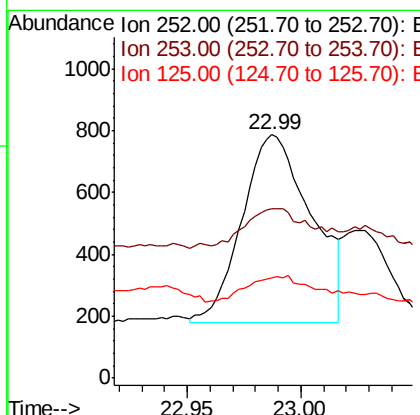
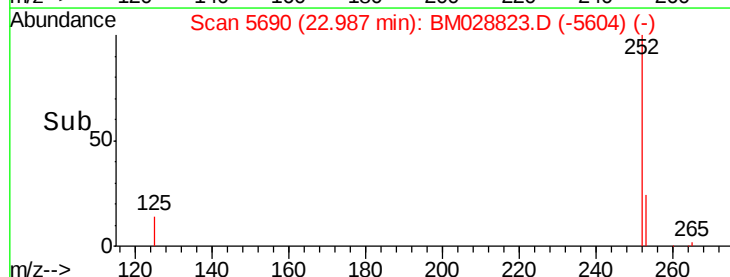
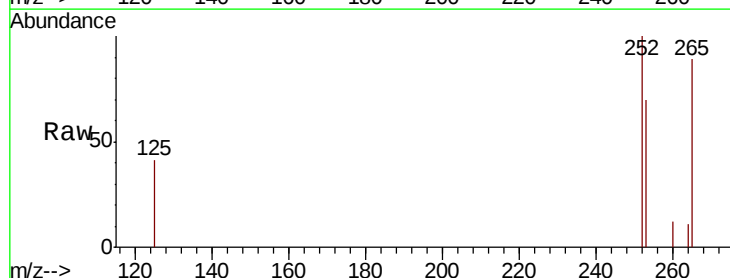
RT: 22.99 min Scan# 5690

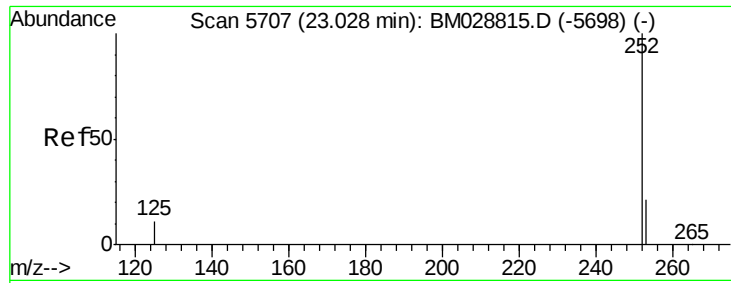
Delta R.T. 0.01 min

Lab File: BM028823.D

Acq: 19 Feb 2021 17:03

Tgt Ion:	252	Resp:	1287
Ion Ratio	Lower	Upper	
252	100		
253	69.8	0.0	67.0#
125	41.0	0.0	57.4





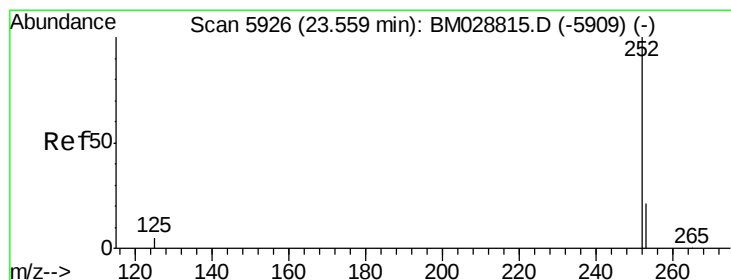
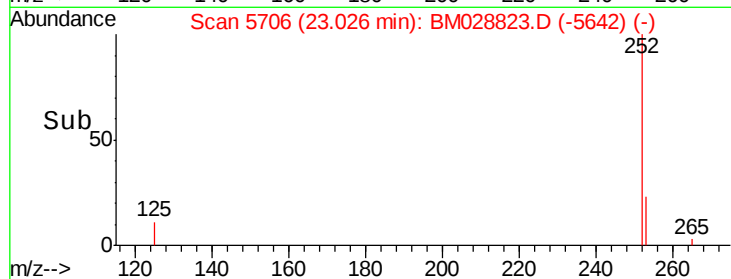
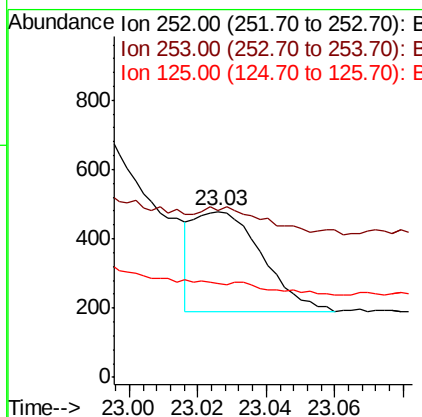
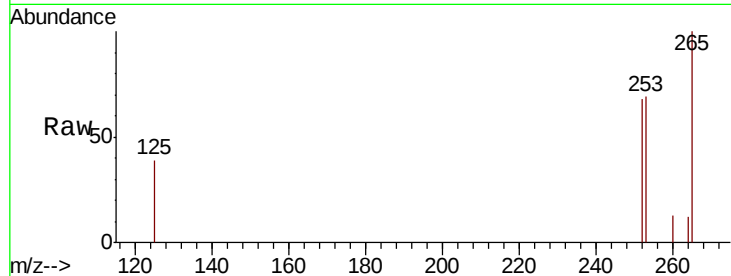
#22
Benzo(k)fluoranthene
Concen: 0.071 ng/ul m
RT: 23.03 min Scan# 5706
Delta R.T. 0.00 min
Lab File: BM028823.D
Acq: 19 Feb 2021 17:03

Instrument :
BNA_M
ClientSampleId :
DBGX8

Tot Ion	Ratio	Lower	Upper
252	100		
253	100.4	26.3	39.5#
125	56.7	22.9	34.3#

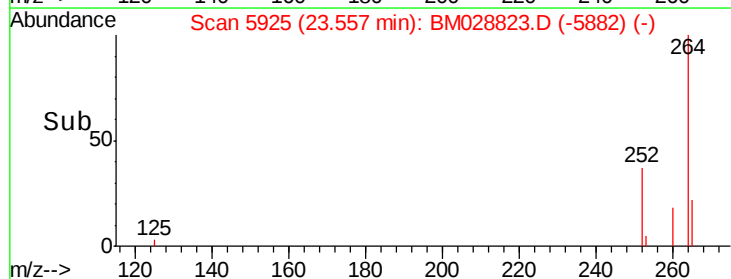
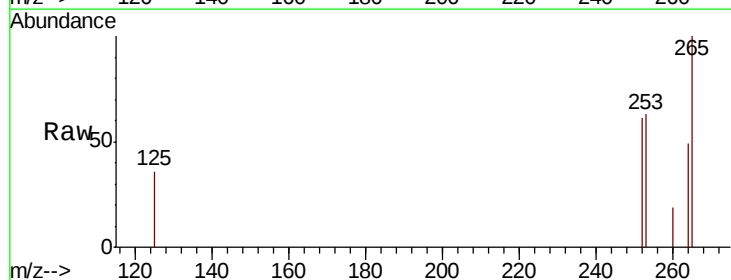
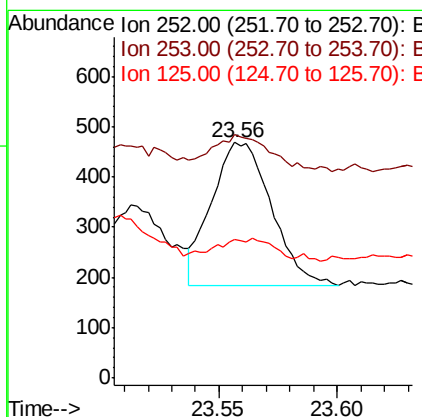
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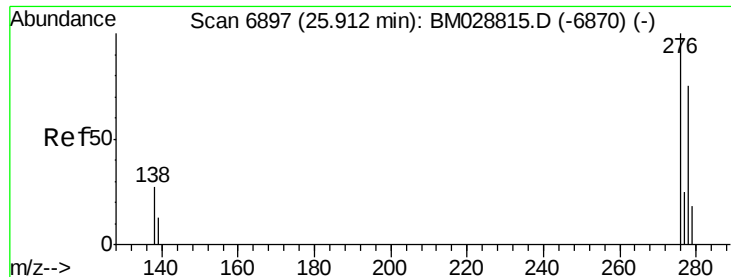
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#23
Benzo(a)pyrene
Concen: 0.098 ng/ul
RT: 23.56 min Scan# 5925
Delta R.T. 0.00 min
Lab File: BM028823.D
Acq: 19 Feb 2021 17:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	103.2	28.7	43.1#
125	58.6	27.9	41.9#





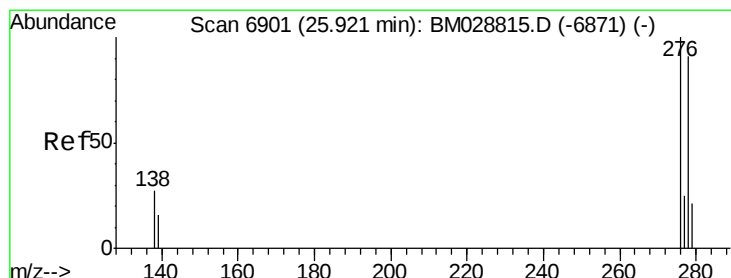
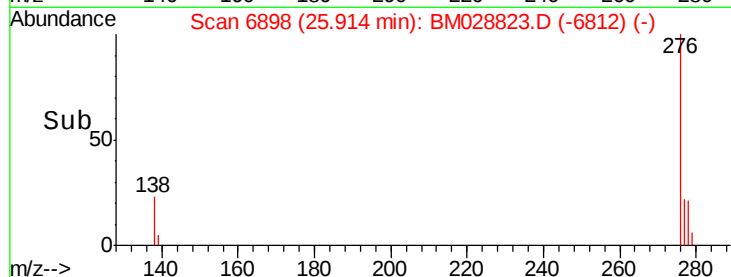
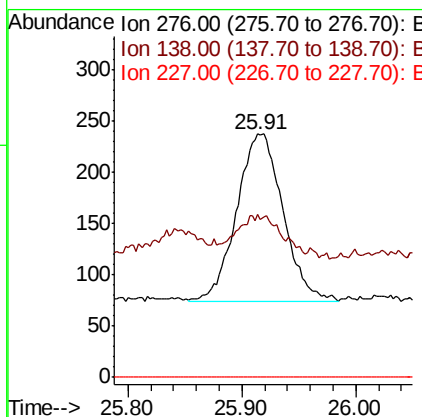
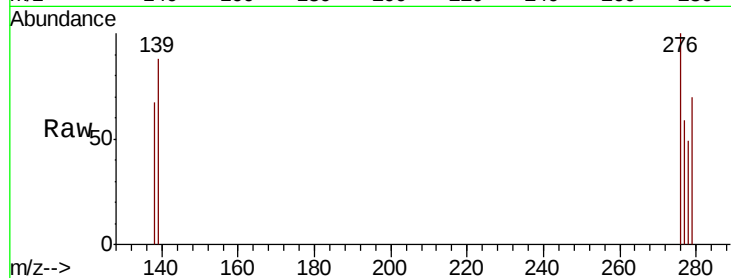
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.070 ng/uL
RT: 25.91 min Scan# 6898
Delta R.T. 0.01 min
Lab File: BM028823.D
Acq: 19 Feb 2021 17:03

Instrument :
BNA_M
ClientSampleID :
DBGX8

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.0	0.0	0.0#
227	0.0	0.0	0.0

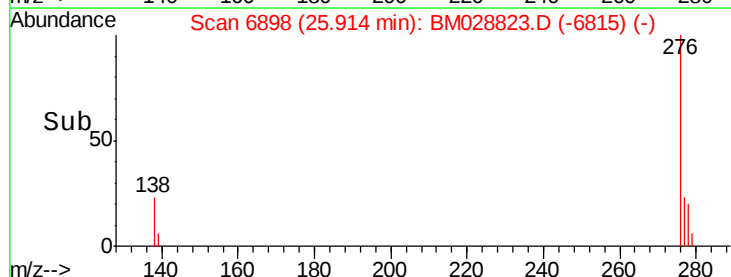
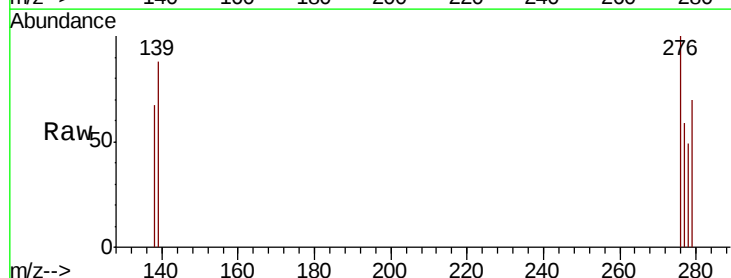
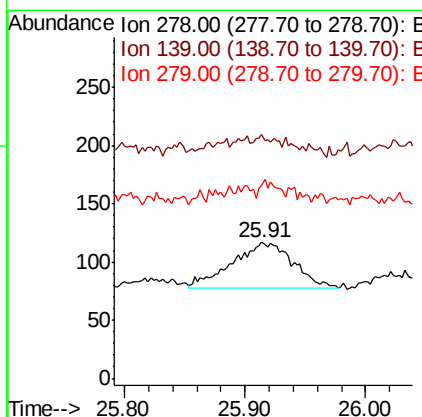
Manual Integrations
APPROVED

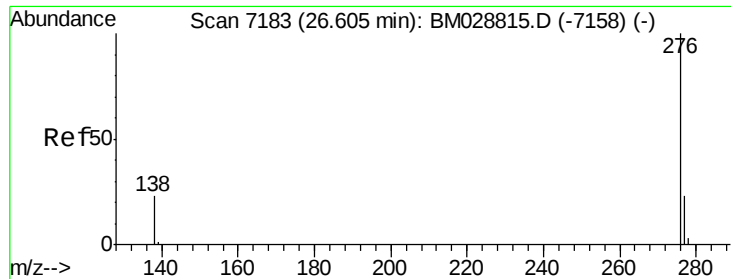
mohammad
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#25
Dibenzo(a,h)anthracene
Concen: 0.024 ng/uL
RT: 25.91 min Scan# 6898
Delta R.T. 0.00 min
Lab File: BM028823.D
Acq: 19 Feb 2021 17:03

Tgt Ion	Ratio	Lower	Upper
278	100		
139	178.6	24.9	37.3#
279	141.0	28.3	42.5#





#26
Benzo(a,h,i)perylene
Concen: 0.029 ng/ul
RT: 26.61 min Scan# 7184
Delta R.T. 0.01 min
Lab File: BM028823.D
Acq: 19 Feb 2021 17:03

Instrument :
BNA_M
ClientSampleId :
DBGX8

Tot Ion	Ratio	Lower	Upper
276	100		
138	105.7	25.4	38.2#
277	104.1	25.3	37.9#

Manual Integrations
APPROVED

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