

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021821\
 Data File : BM028790.D
 Acq On : 18 Feb 2021 11:12
 Operator : CG/JU
 Sample : M1379-05
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBGY5

Manual Integrations
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mohammad
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Quant Time: Feb 18 12:01:08 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 : Thu Feb 18 11:38:36 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	559	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	2281	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.54	164	1380	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.27	188	2516	0.40	ng/ul	0.00
16) Chrysene-d12	21.44	240	3530	0.40	ng/ul	0.02
20) Perylene-d12	23.67	264	2256	0.40	ng/ul	0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	639	0.20	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	1409	0.22	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.74	128	613	0.108	ng/ul#	80
5) 2-Methylnaphthalene	12.36	142	185	0.049	ng/ul	98
7) Acenaphthylene	14.26	152	309	0.055	ng/ul#	51
8) Acenaphthene	14.60	153	96	0.022	ng/ul#	84
9) Fluorene	15.59	166	162	0.033	ng/ul#	66
11) Pentachlorophenol	16.94	266	37	0.056	ng/ul	90
12) Phenanthrene	17.32	178	2827	0.402	ng/ul	96
13) Anthracene	17.41	178	585	0.087	ng/ul#	3
15) Fluoranthene	19.32	202	4290	0.536	ng/ul	94
17) Pyrene	19.68	202	4128	0.322	ng/ul#	92
18) Benzo(a)anthracene	21.42	228	1281	0.106	ng/ul#	8
19) Chrysene	21.47	228	2119m	0.177	ng/ul	
21) Benzo(b)fluoranthene	23.00	252	2613m	0.338	ng/ul	
22) Benzo(k)fluoranthene	23.04	252	772m	0.100	ng/ul	
23) Benzo(a)pyrene	23.57	252	1438	0.209	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	25.92	276	1240	0.138	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.93	278	415	0.055	ng/ul#	1
26) Benzo(g,h,i)perylene	26.62	276	1766	0.237	ng/ul#	64

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

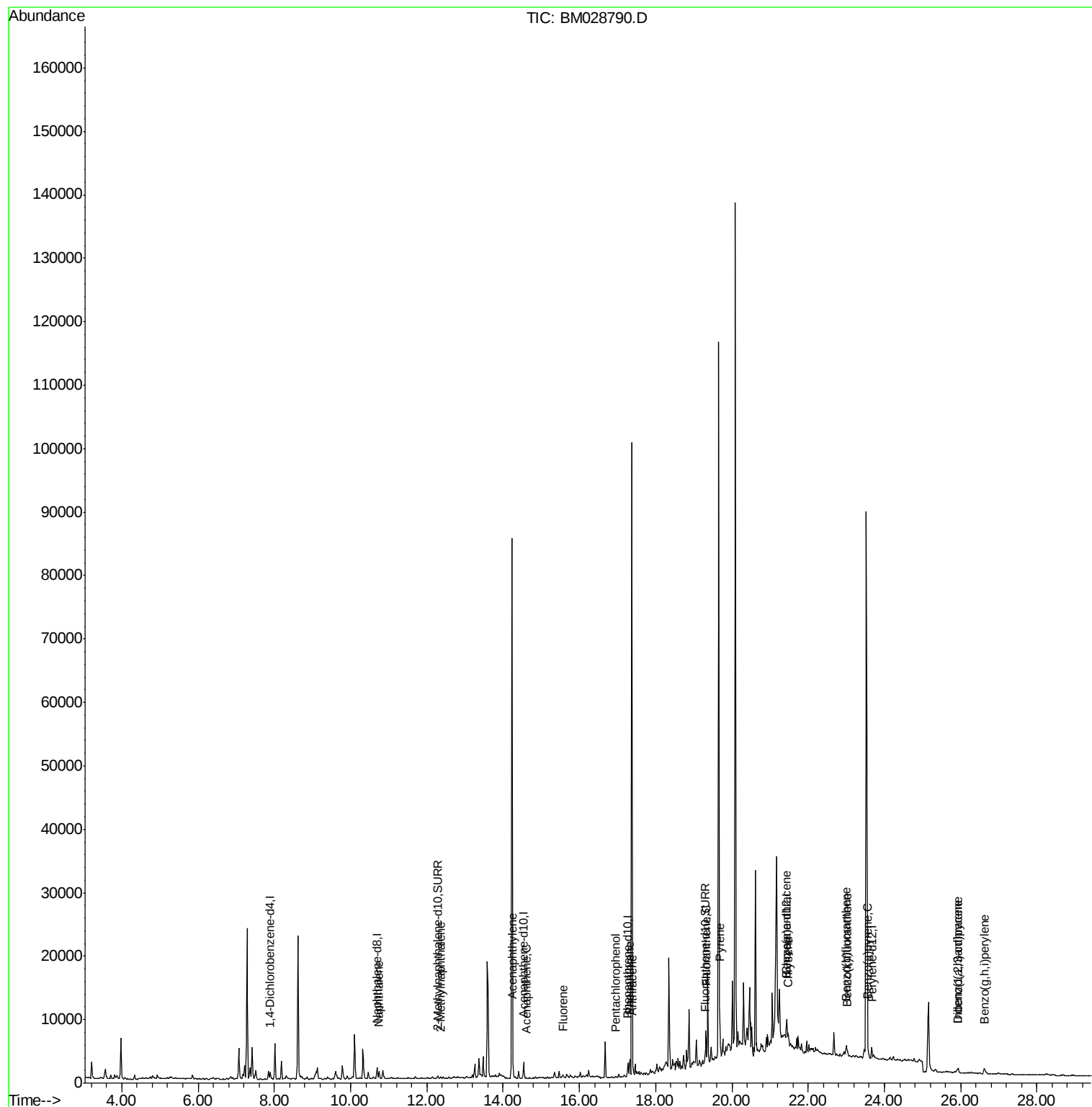
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021821\
Data File : BM028790.D
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ALS Vial : 4 Sample Multiplier: 1

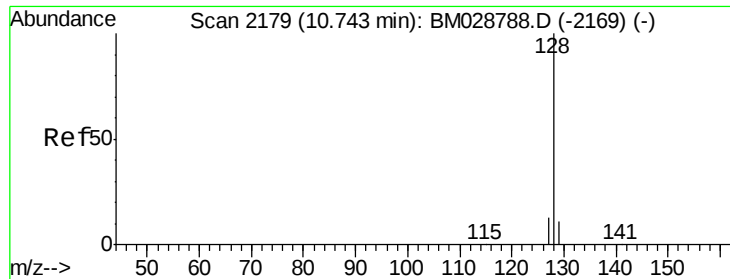
Instrument :
BNA_M
ClientSampleId :
DBGY5

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Quant Time: Feb 18 12:01:08 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 : Thu Feb 18 11:38:36 2021
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.108 ng/ul

RT: 10.74 min Scan# 2179

Delta R.T. 0.00 min

Lab File: BM028790.D

Acq: 18 Feb 2021 11:12

Instrument :

BNA_M

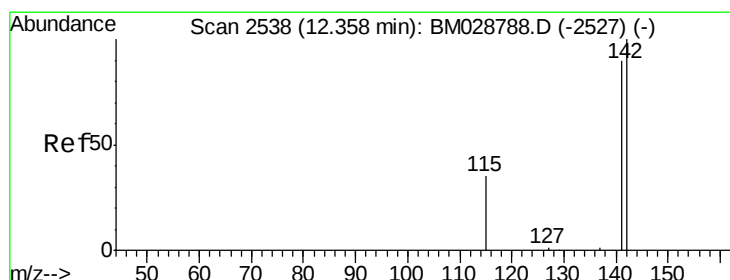
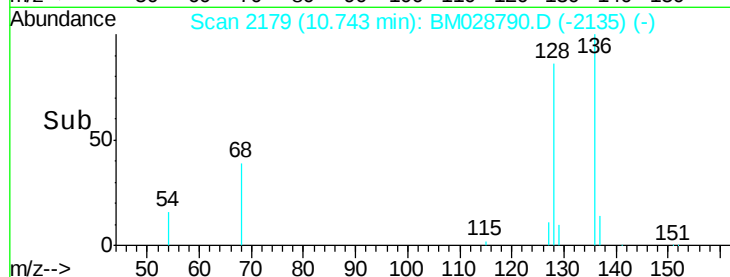
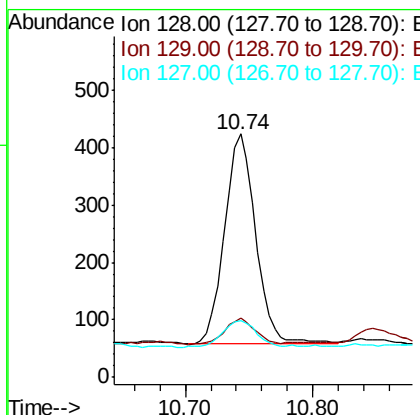
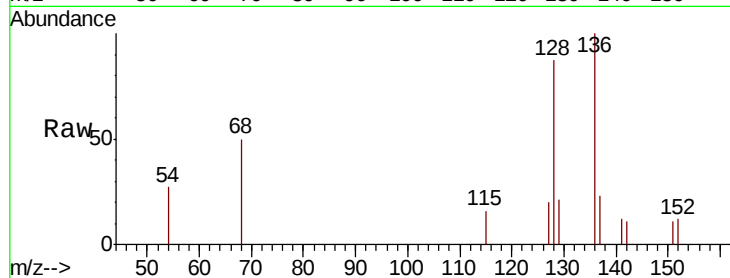
ClientSampleId :

DBGY5

Tot Ion:	128	Resp:	613
Ion	Ratio	Lower	Upper
128	100		
129	24.1	11.4	17.2#
127	23.1	13.0	19.6#

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#5

2-Methylnaphthalene

Concen: 0.049 ng/ul

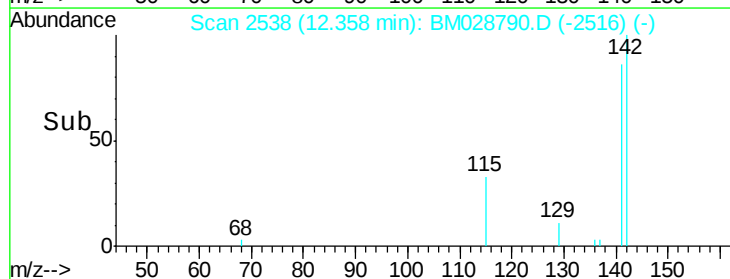
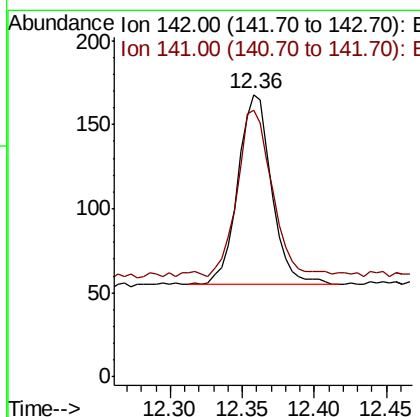
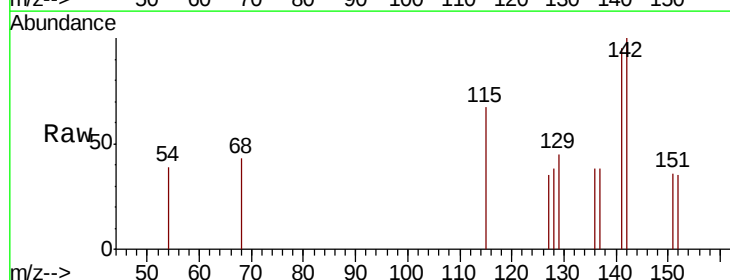
RT: 12.36 min Scan# 2538

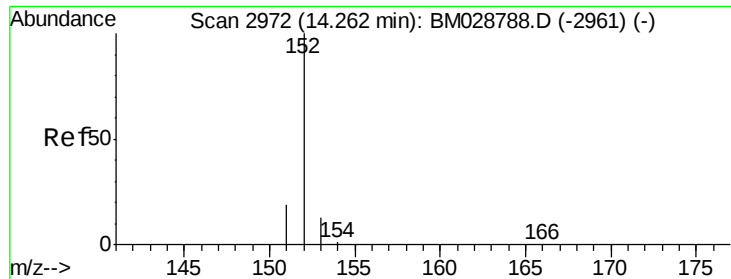
Delta R.T. 0.00 min

Lab File: BM028790.D

Acq: 18 Feb 2021 11:12

Tgt Ion:	142	Resp:	185
Ion	Ratio	Lower	Upper
142	100		
141	91.9	72.2	108.4





#7

Acenaphthylene

Concen: 0.055 ng/ul

RT: 14.26 min Scan# 2972

Delta R.T. 0.00 min

Lab File: BM028790.D

Acq: 18 Feb 2021 11:12

Instrument :

BNA_M

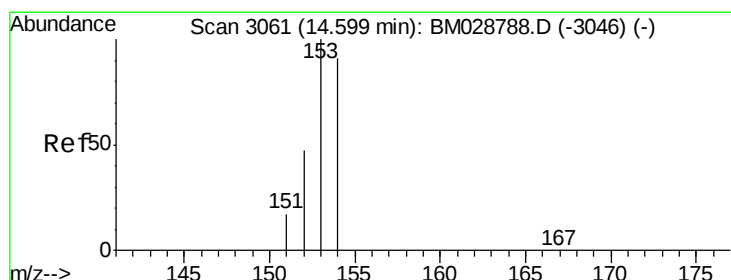
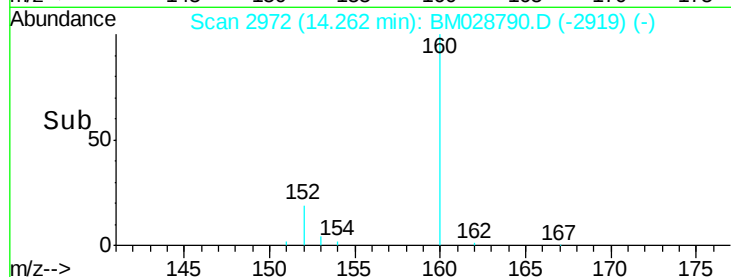
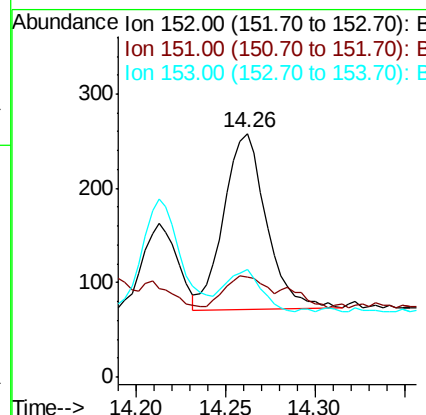
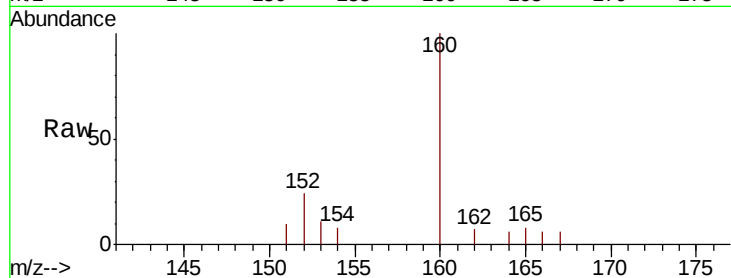
ClientSampleId :

DBGY5

Tot Ion	Ratio	Lower	Upper
152	100		
151	41.1	18.0	27.0#
153	44.2	13.4	20.0#

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#8

Acenaphthene

Concen: 0.022 ng/ul

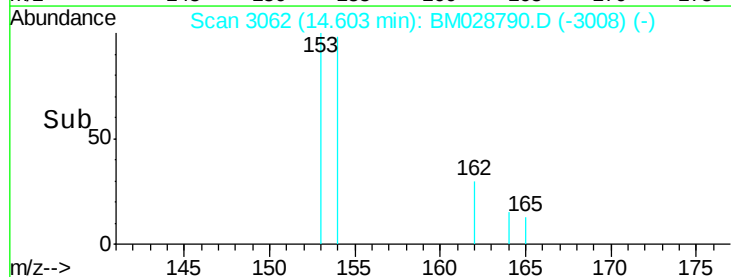
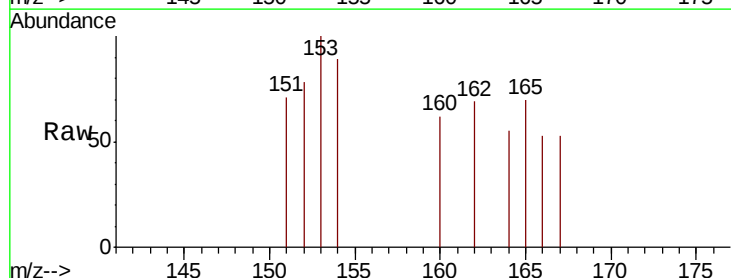
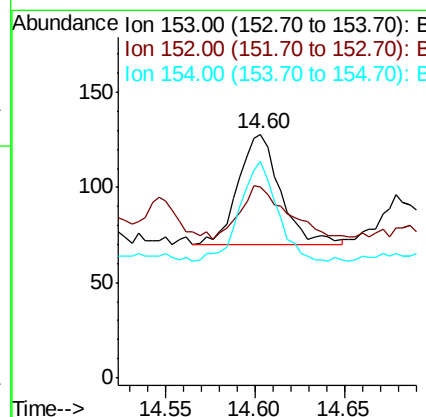
RT: 14.60 min Scan# 3062

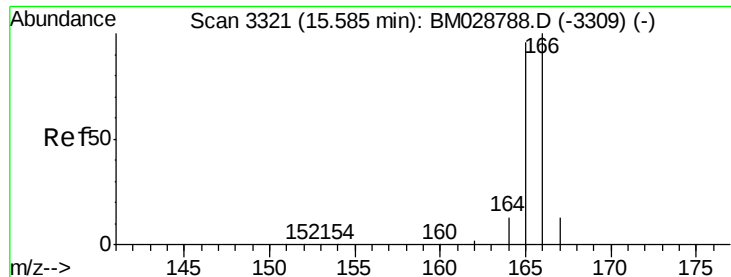
Delta R.T. 0.00 min

Lab File: BM028790.D

Acq: 18 Feb 2021 11:12

Tgt Ion	Ratio	Lower	Upper
153	100		
152	78.1	39.6	59.4#
154	89.1	70.3	105.5





#9

Fluorene

Concen: 0.033 ng/ul

RT: 15.59 min Scan# 3321

Delta R.T. 0.00 min

Lab File: BM028790.D

Acq: 18 Feb 2021 11:12

Instrument :

BNA_M

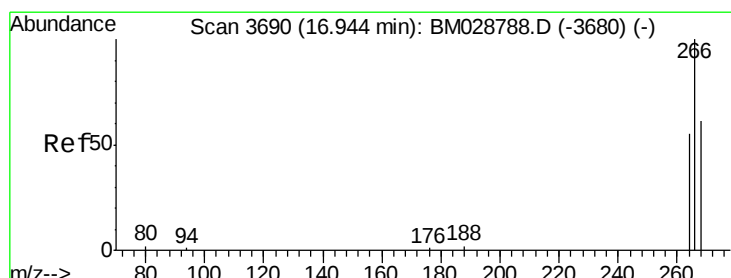
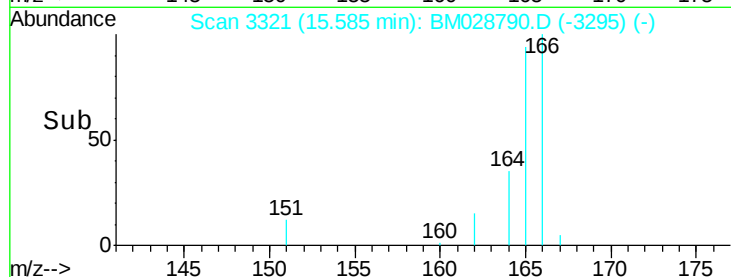
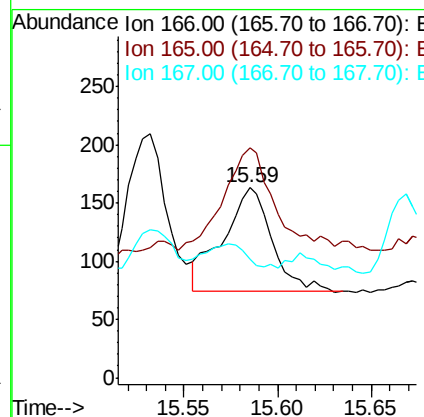
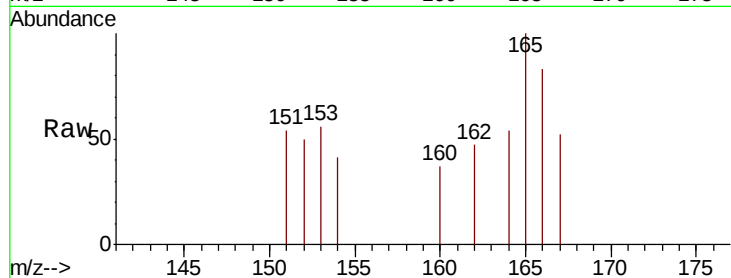
ClientSampled :

DBGY5

Tot Ion:	166	Resp:	162
Ion Ratio	Lower	Upper	
166	100		
165	120.9	79.6	119.4#
167	62.6	13.9	20.9#

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#11

Pentachlorophenol

Concen: 0.056 ng/ul

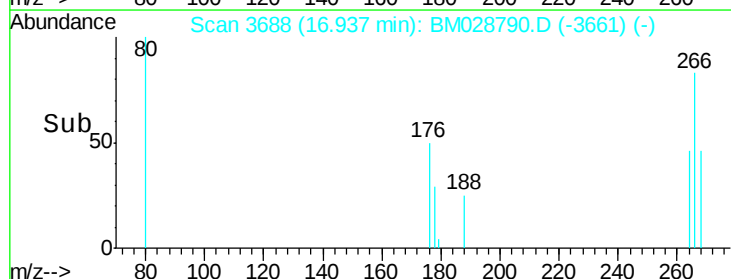
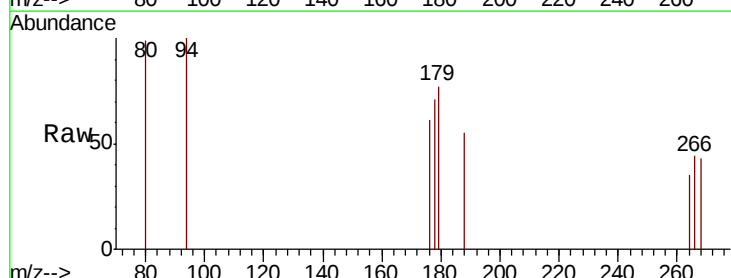
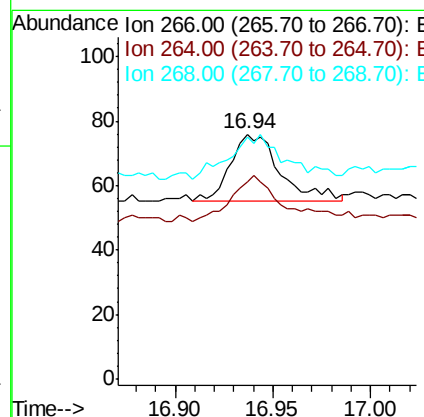
RT: 16.94 min Scan# 3688

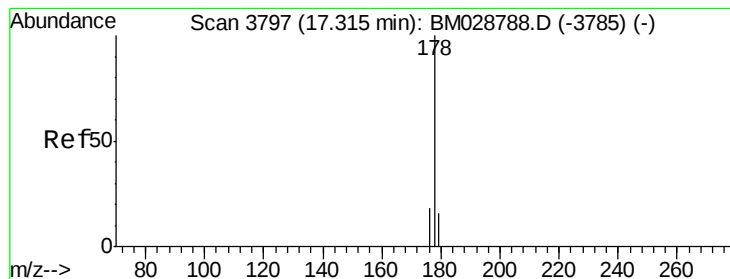
Delta R.T. -0.01 min

Lab File: BM028790.D

Acq: 18 Feb 2021 11:12

Tgt Ion:	266	Resp:	37
Ion Ratio	Lower	Upper	
266	100		
264	73.0	51.0	76.4
268	73.0	53.0	79.4





#12

Phenanthrene

Concen: 0.402 ng/ul

RT: 17.32 min Scan# 3797

Delta R.T. 0.00 min

Lab File: BM028790.D

Acq: 18 Feb 2021 11:12

Instrument :

BNA_M

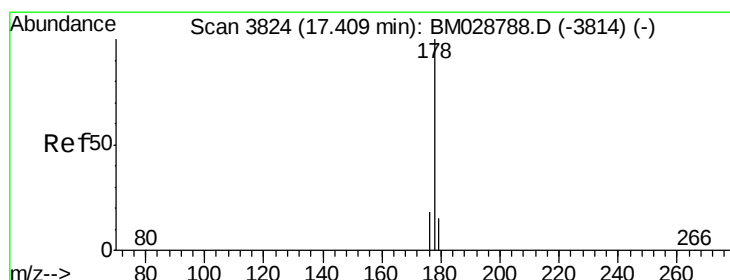
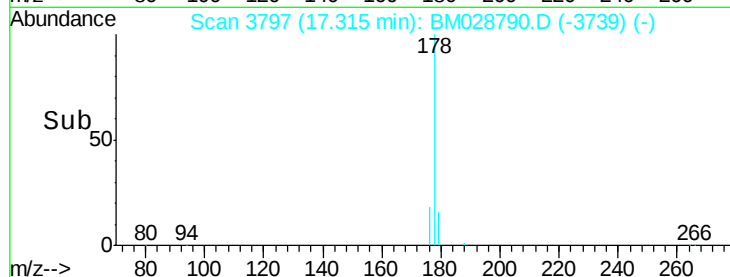
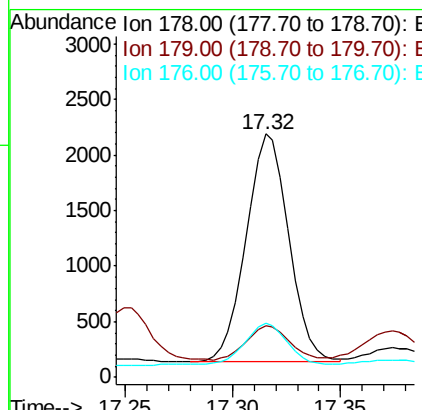
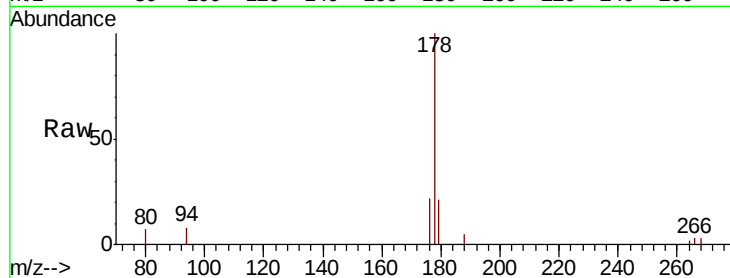
ClientSampleId :

DBGY5

Tot Ion:	178	Resp:	2827
Ion	Ratio	Lower	Upper
178	100		
179	21.4	14.7	22.1
176	22.0	16.7	25.1

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#13

Anthracene

Concen: 0.087 ng/ul

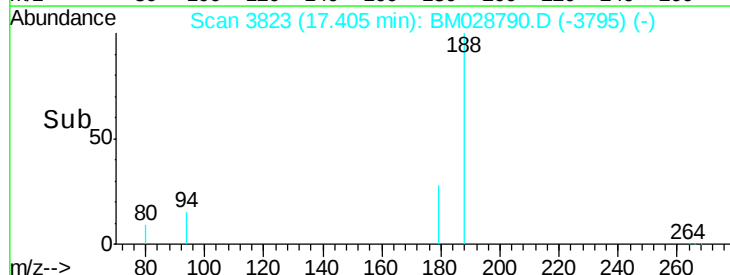
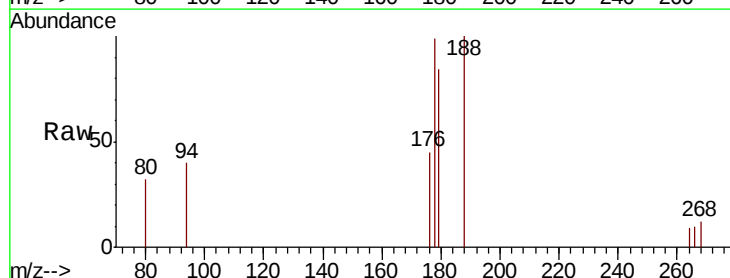
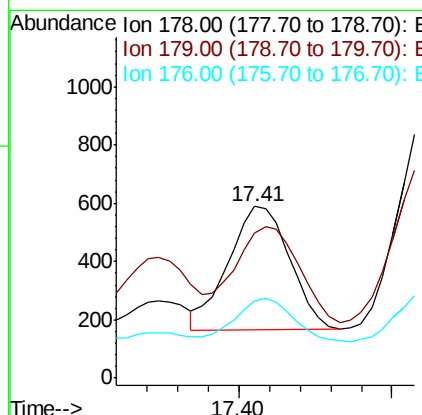
RT: 17.41 min Scan# 3823

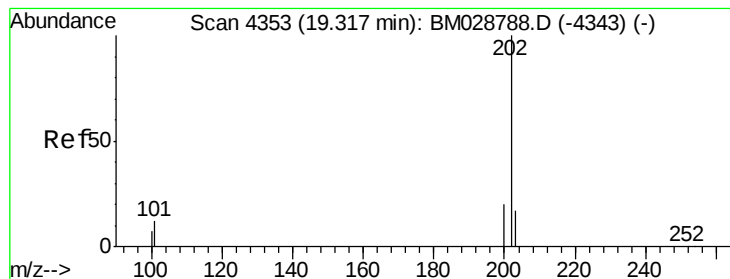
Delta R.T. -0.00 min

Lab File: BM028790.D

Acq: 18 Feb 2021 11:12

Tgt Ion:	178	Resp:	585
Ion	Ratio	Lower	Upper
178	100		
179	84.7	15.0	22.4#
176	45.0	16.6	24.8#





#15

Fluoranthene

Concen: 0.536 ng/ul

RT: 19.32 min Scan# 4354

Delta R.T. 0.00 min

Lab File: BM028790.D

Acq: 18 Feb 2021 11:12

Instrument :

BNA_M

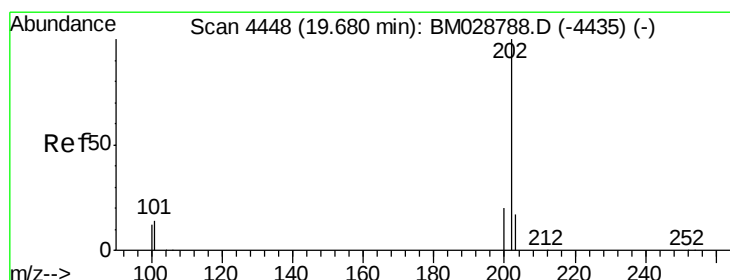
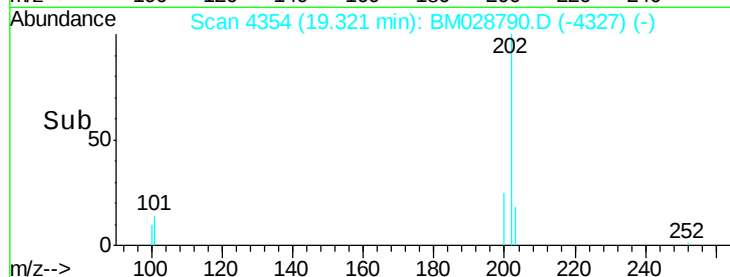
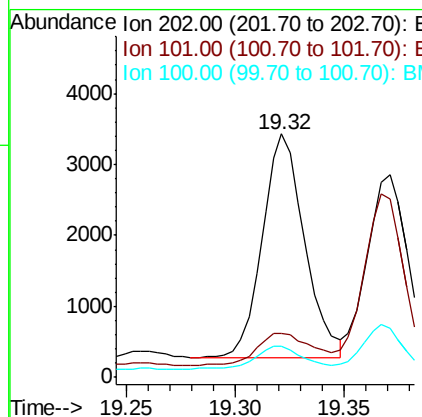
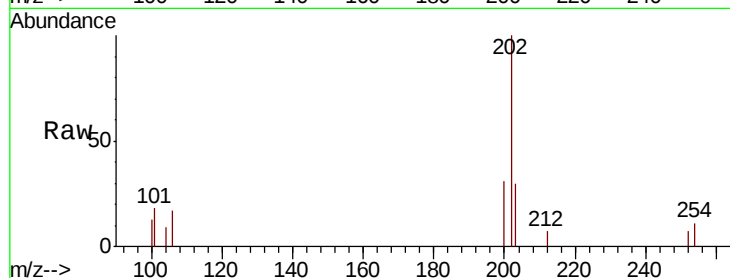
ClientSampleId :

DBGY5

Tot Ion:	202	Resp:	4290
Ion Ratio	Lower	Upper	
202	100		
101	17.9	0.0	34.5
100	12.7	0.0	31.7

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#17

Pyrene

Concen: 0.322 ng/ul

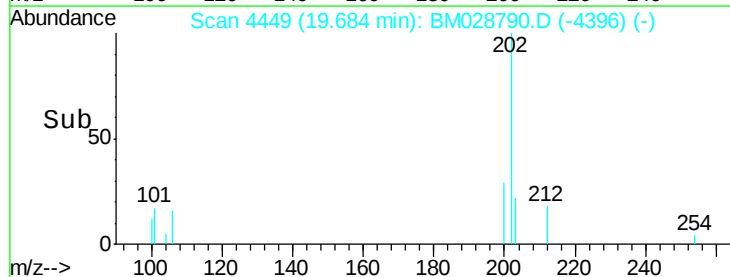
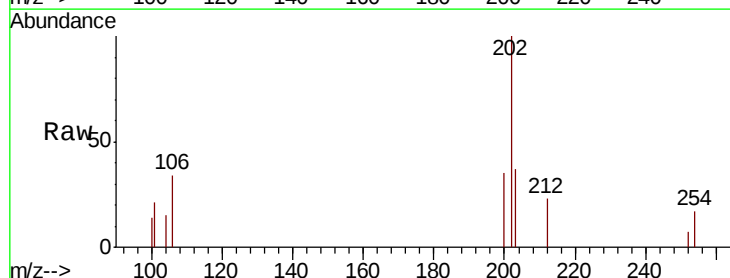
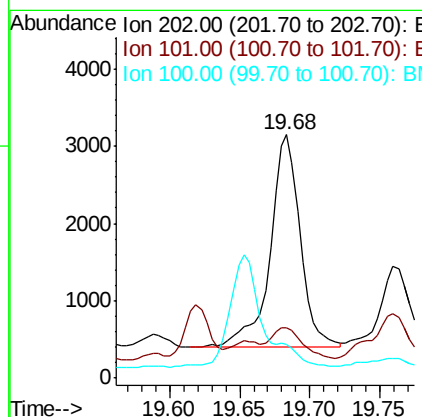
RT: 19.68 min Scan# 4449

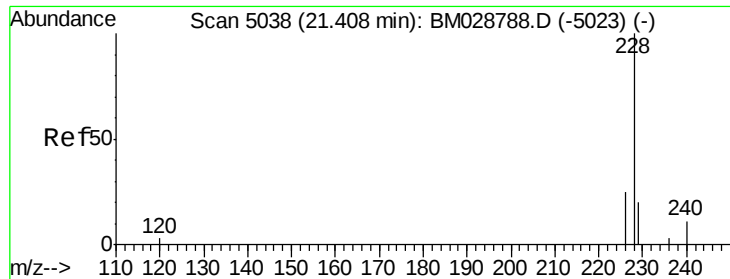
Delta R.T. 0.00 min

Lab File: BM028790.D

Acq: 18 Feb 2021 11:12

Tgt Ion:	202	Resp:	4128
Ion Ratio	Lower	Upper	
202	100		
101	20.7	12.7	19.1#
100	14.0	10.2	15.4





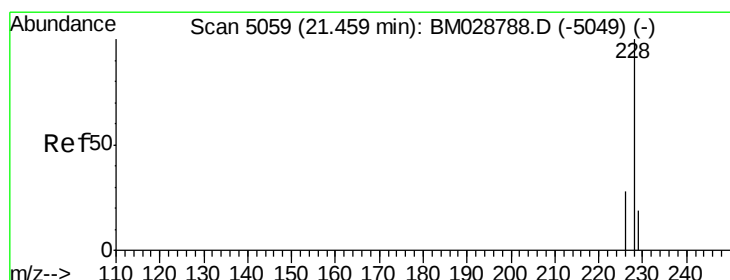
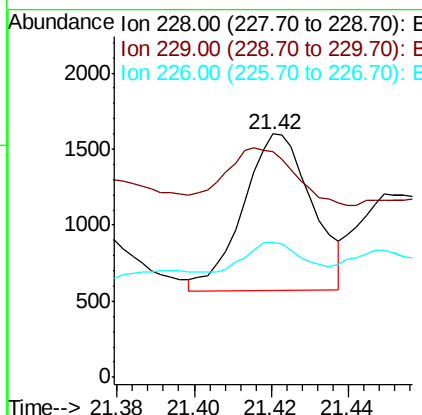
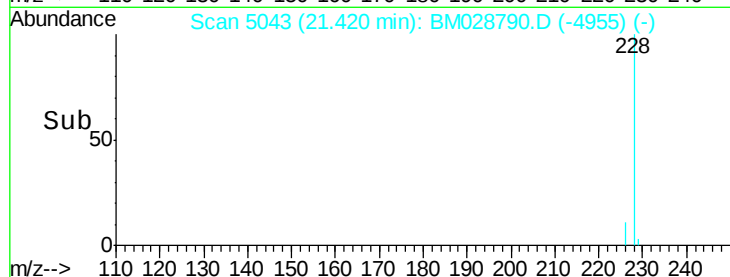
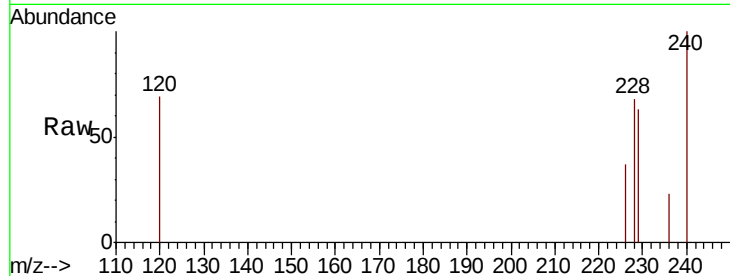
#18
Benzo(a)anthracene
Concen: 0.106 ng/ul
RT: 21.42 min Scan# 5043
Delta R.T. 0.01 min
Lab File: BM028790.D
Acq: 18 Feb 2021 11:12

Instrument :
BNA_M
ClientSampleId :
DBGY5

Tot Ion	Ratio	Lower	Upper
228	100		
229	92.9	18.9	28.3#
226	55.3	22.6	34.0#

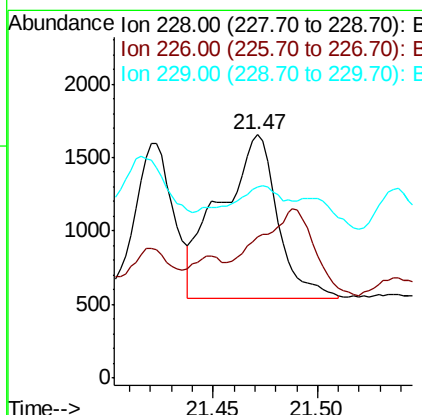
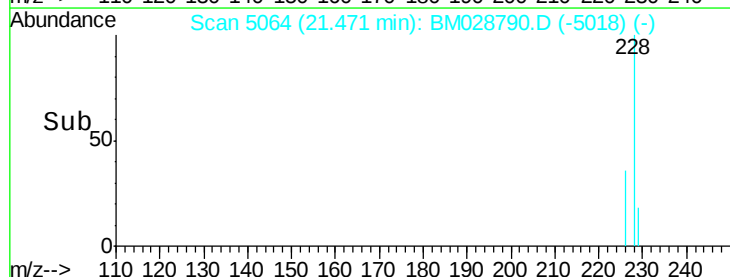
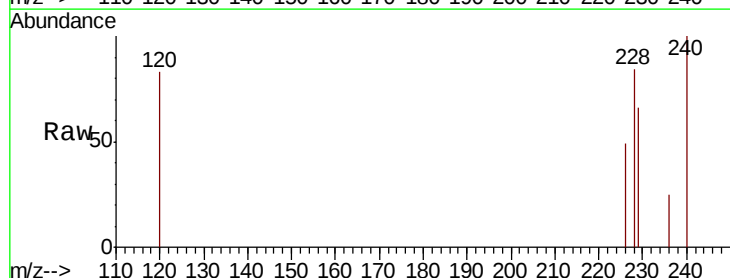
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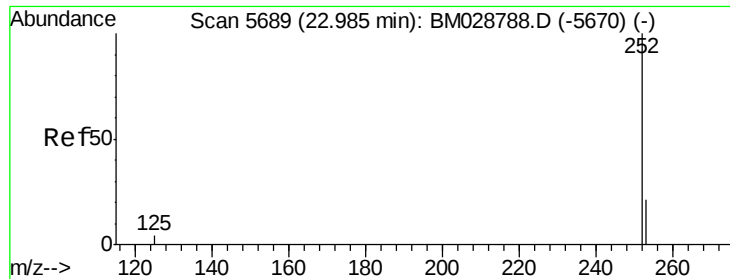
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#19
Chrysene
Concen: 0.177 ng/ul m
RT: 21.47 min Scan# 5064
Delta R.T. 0.01 min
Lab File: BM028790.D
Acq: 18 Feb 2021 11:12

Tgt Ion	Ratio	Lower	Upper
228	100		
226	58.2	24.6	37.0#
229	78.4	18.8	28.2#





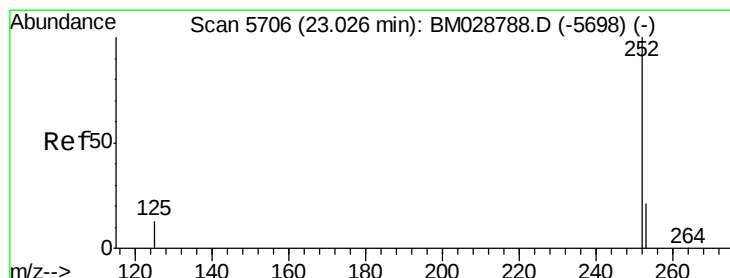
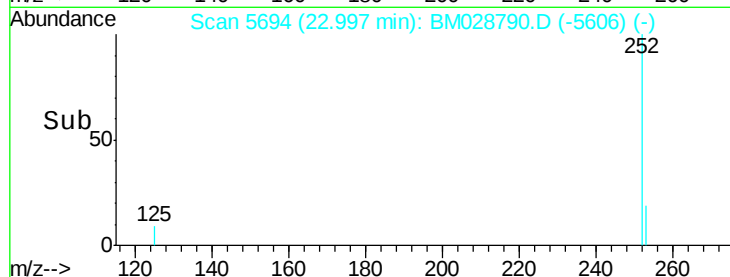
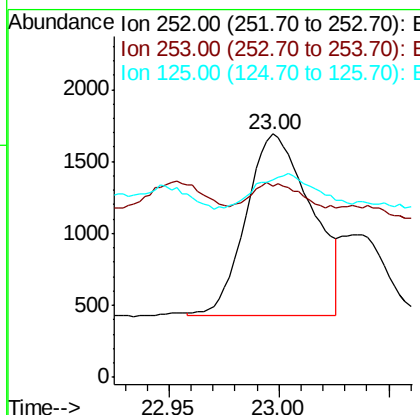
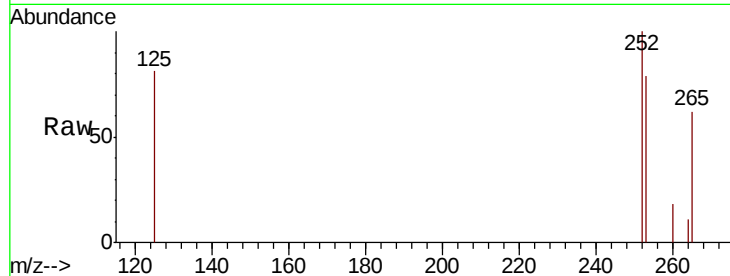
#21
Benzo(b)fluoranthene
Concen: 0.338 ng/ul m
RT: 23.00 min Scan# 5694
Delta R.T. 0.01 min
Lab File: BM028790.D
Acq: 18 Feb 2021 11:12

Instrument :
BNA_M
ClientSampleId :
DBGY5

Tot Ion	Ratio	Lower	Upper
252	100		
253	78.6	0.0	67.0#
125	81.1	0.0	57.4#

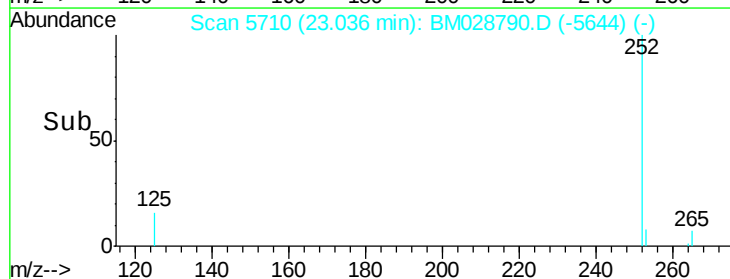
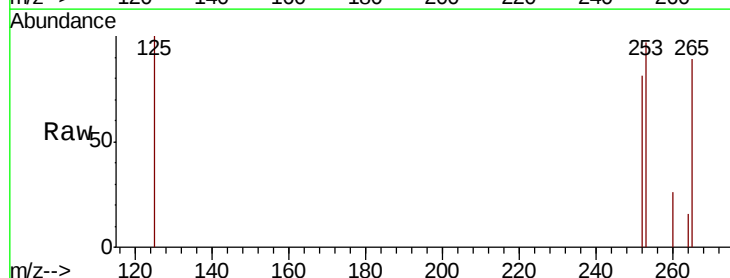
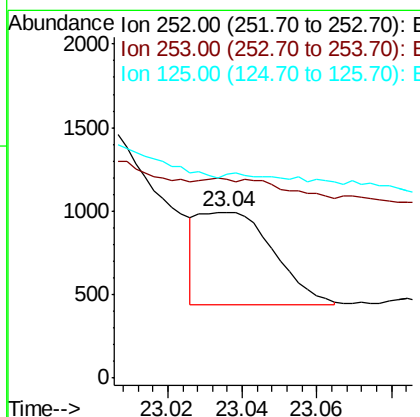
Manual Integrations
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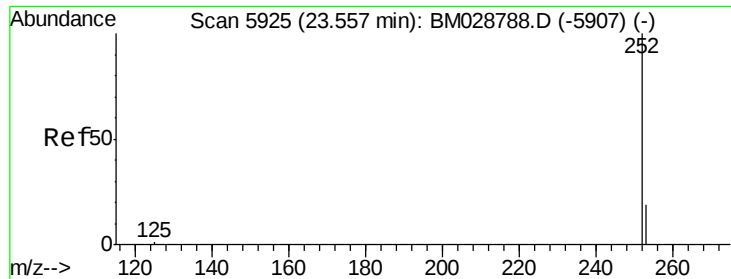
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#22
Benzo(k)fluoranthene
Concen: 0.100 ng/ul m
RT: 23.04 min Scan# 5710
Delta R.T. 0.01 min
Lab File: BM028790.D
Acq: 18 Feb 2021 11:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	119.7	26.3	39.5#
125	123.0	22.9	34.3#





#23

Benzo(a)pyrene

Concen: 0.209 ng/ul

RT: 23.57 min Scan# 5931

Delta R.T. 0.01 min

Lab File: BM028790.D

Acq: 18 Feb 2021 11:12

Instrument :

BNA_M

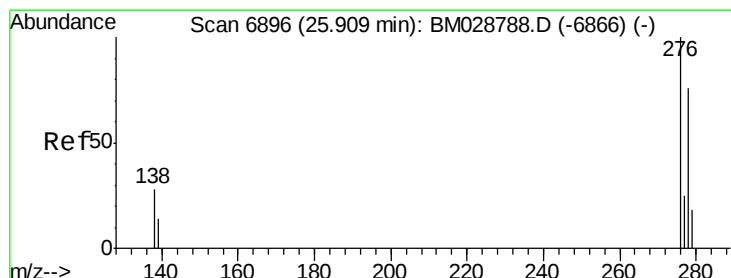
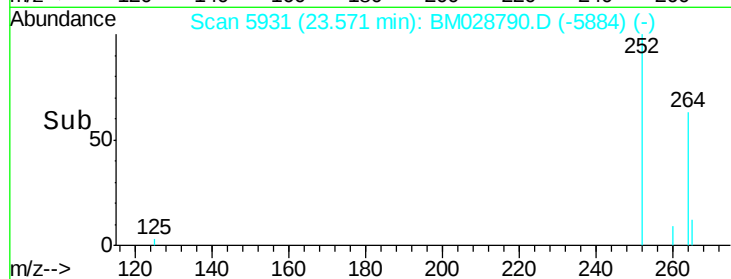
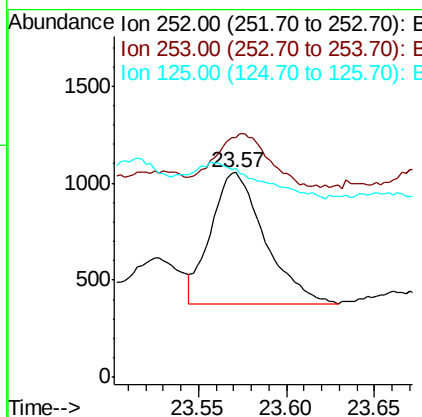
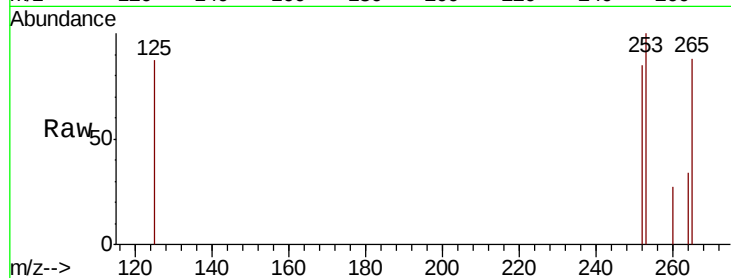
ClientSampleId :

DBGY5

Tot Ion:	252	Resp:	1438
Ion Ratio	Lower	Upper	
252	100		
253	117.2	28.7	43.1#
125	102.1	27.9	41.9#

Manual Integrations
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mohammad
2/19/2021 1:19:29 PM



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.138 ng/ul

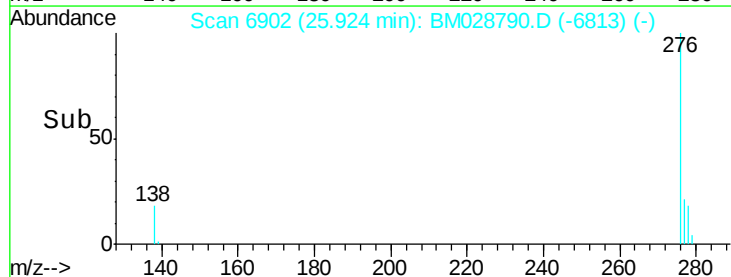
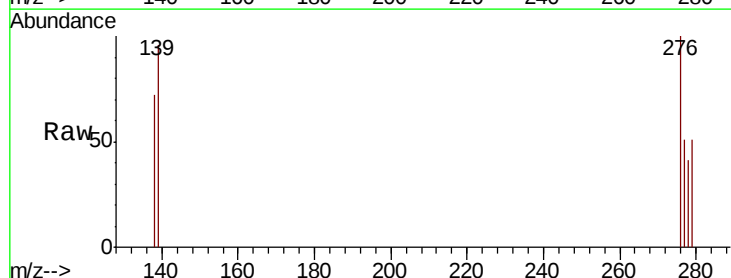
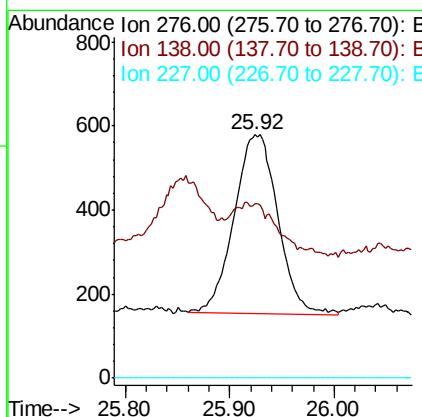
RT: 25.92 min Scan# 6902

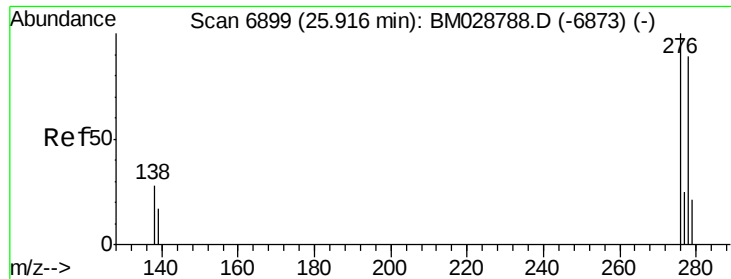
Delta R.T. 0.01 min

Lab File: BM028790.D

Acq: 18 Feb 2021 11:12

Tgt Ion:	276	Resp:	1240
Ion Ratio	Lower	Upper	
276	100		
138	28.8	0.0	0.0#
227	0.0	0.0	0.0





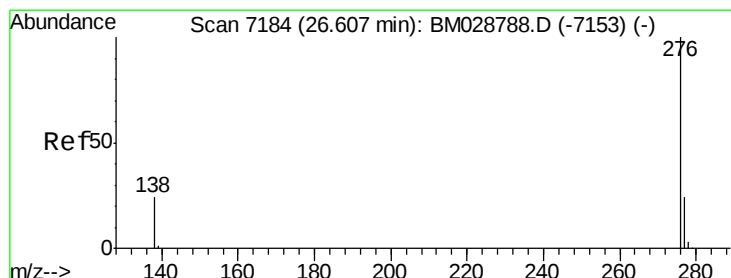
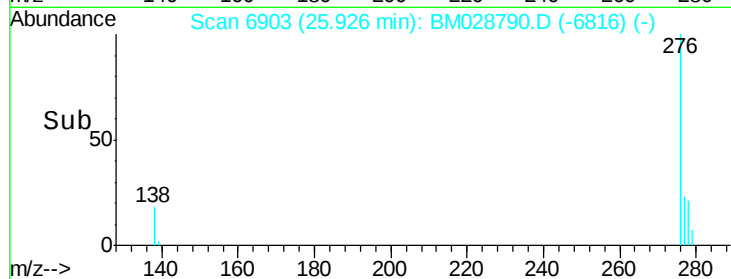
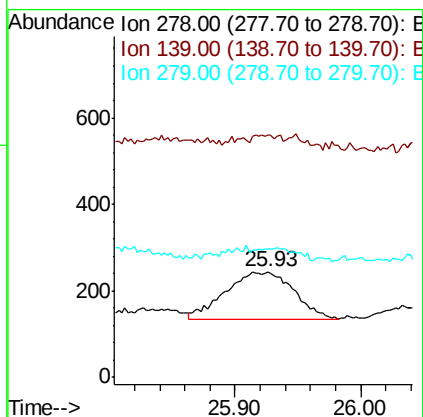
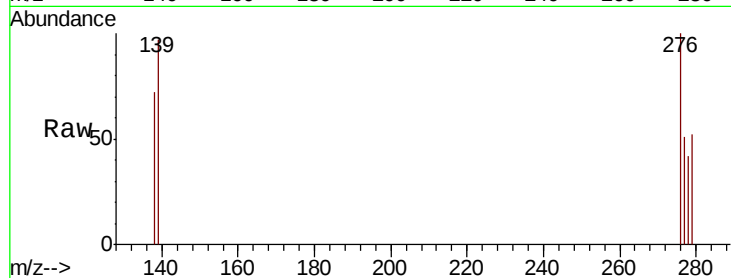
#25
Dibenzo(a,h)anthracene
Concen: 0.055 ng/uL
RT: 25.93 min Scan# 6903
Delta R.T. 0.01 min
Lab File: BM028790.D
Acq: 18 Feb 2021 11:12

Instrument :
BNA_M
ClientSampleId :
DBGY5

Tot Ion	Ratio	Lower	Upper
278	100		
139	229.1	24.9	37.3#
279	121.7	28.3	42.5#

Manual Integrations
APPROVED

mohammad
2/19/2021 1:19:29 PM



#26
Benzo(g,h,i)perylene
Concen: 0.237 ng/uL
RT: 26.62 min Scan# 7191
Delta R.T. 0.02 min
Lab File: BM028790.D
Acq: 18 Feb 2021 11:12

Tgt Ion	Ratio	Lower	Upper
276	100		
138	57.4	25.4	38.2#
277	45.7	25.3	37.9#

