

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021721\
 Data File : BM028775.D
 Acq On : 17 Feb 2021 17:02
 Operator : CG/JU
 Sample : M1379-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBGY5

Manual Integrations
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Quant Time: Feb 17 17:47:38 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 : Wed Feb 17 11:34:13 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	580	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	2432	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.54	164	1488	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.27	188	2698	0.40	ng/ul	0.00
16) Chrysene-d12	21.44	240	3847	0.40	ng/ul	0.02
20) Perylene-d12	23.66	264	2330	0.40	ng/ul	0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	749	0.22	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	1637	0.24	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.74	128	696	0.115	ng/ul#	82
5) 2-Methylnaphthalene	12.36	142	211	0.052	ng/ul	100
7) Acenaphthylene	14.26	152	362	0.060	ng/ul#	56
8) Acenaphthene	14.60	153	109	0.023	ng/ul#	86
9) Fluorene	15.58	166	195	0.036	ng/ul#	73
11) Pentachlorophenol	16.93	266	45	0.064	ng/ul#	88
12) Phenanthrene	17.31	178	3268	0.433	ng/ul	98
13) Anthracene	17.41	178	640	0.089	ng/ul#	2
15) Fluoranthene	19.32	202	4975	0.580	ng/ul	87
17) Pyrene	19.68	202	4938	0.353	ng/ul#	92
18) Benzo(a)anthracene	21.42	228	1495	0.114	ng/ul#	15
19) Chrysene	21.47	228	2351	0.180	ng/ul#	30
21) Benzo(b)fluoranthene	22.99	252	3035m	0.381	ng/ul	
22) Benzo(k)fluoranthene	23.03	252	942m	0.118	ng/ul	
23) Benzo(a)pyrene	23.57	252	1567	0.221	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	25.92	276	1391	0.150	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.92	278	469	0.060	ng/ul#	1
26) Benzo(g,h,i)perylene	26.61	276	1993	0.259	ng/ul#	70

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

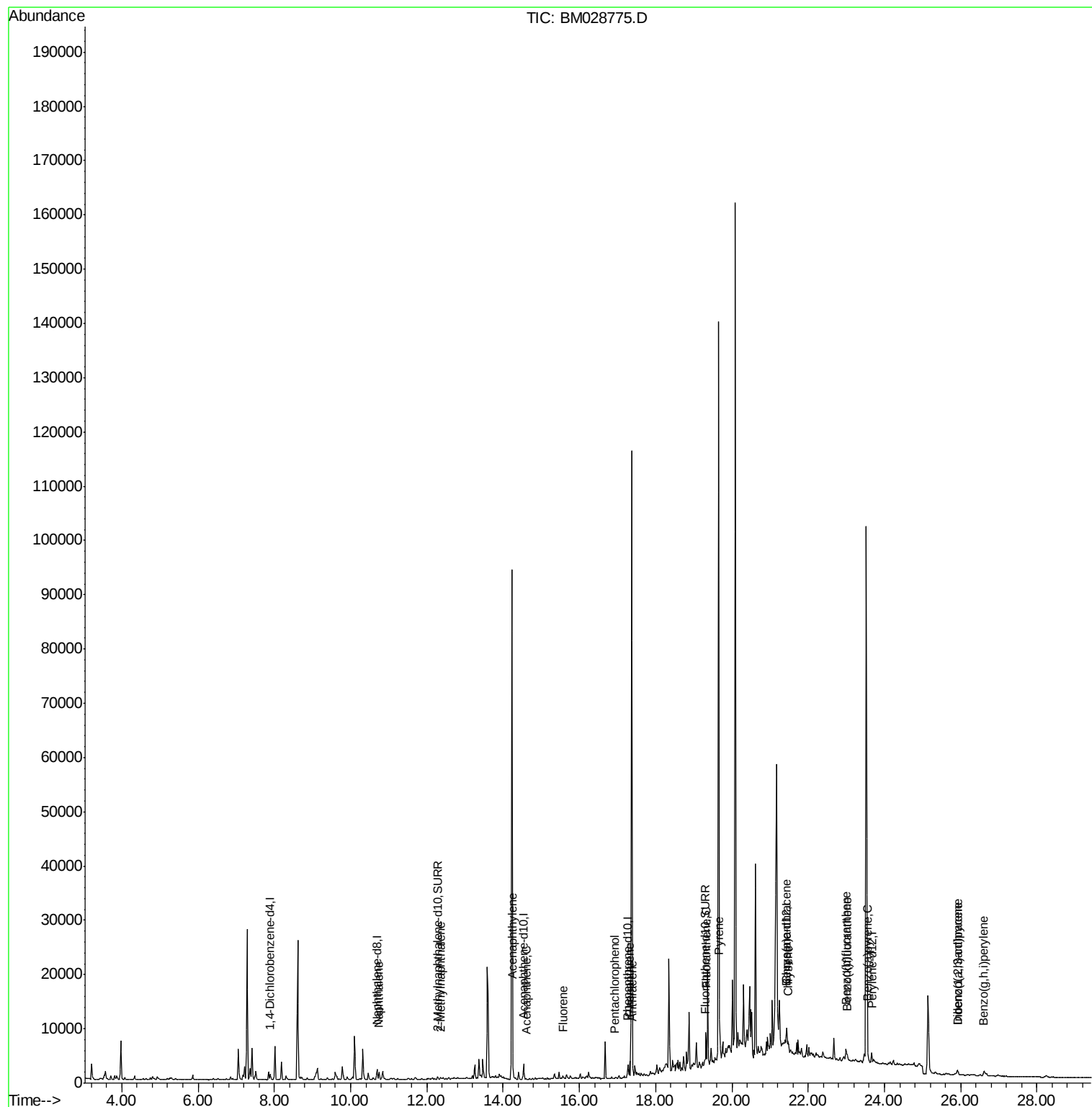
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021721\
Data File : BM028775.D
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ALS Vial : 12 Sample Multiplier: 1

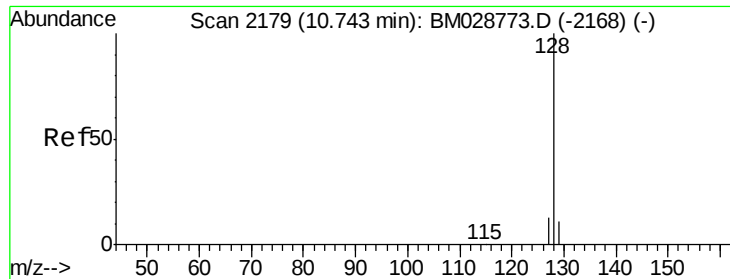
Instrument :
BNA_M
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Quant Time: Feb 17 17:47:38 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM020521.M
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#3

Naphthalene

Concen: 0.115 ng/ul

RT: 10.74 min Scan# 2179

Delta R.T. 0.00 min

Lab File: BM028775.D

Acq: 17 Feb 2021 17:02

Instrument :

BNA_M

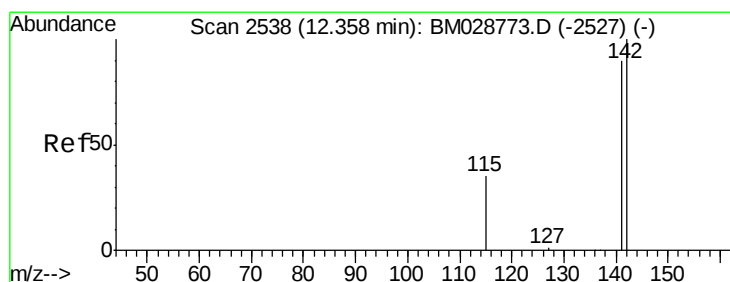
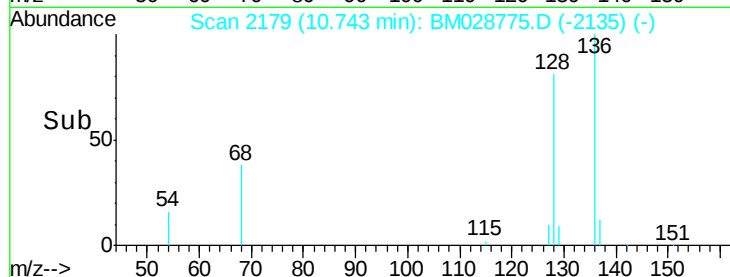
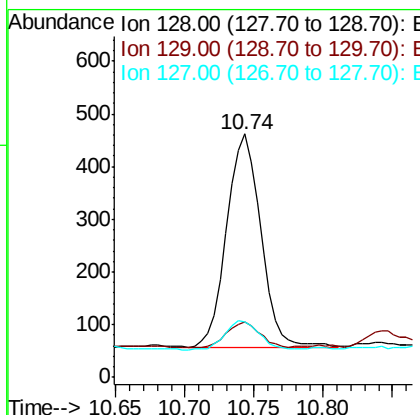
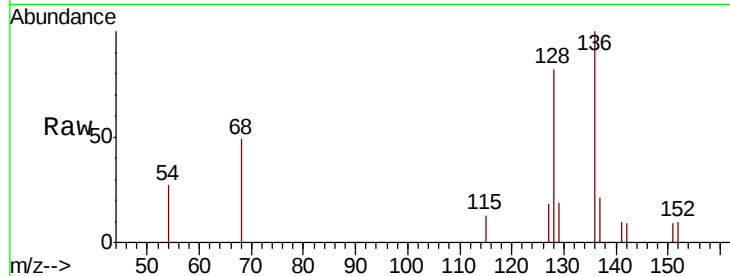
ClientSampleId :

DBGY5

Tot Ion:	128	Resp:	696
Ion	Ratio	Lower	Upper
128	100		
129	22.9	11.4	17.2#
127	22.5	13.0	19.6#

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#5

2-Methylnaphthalene

Concen: 0.052 ng/ul

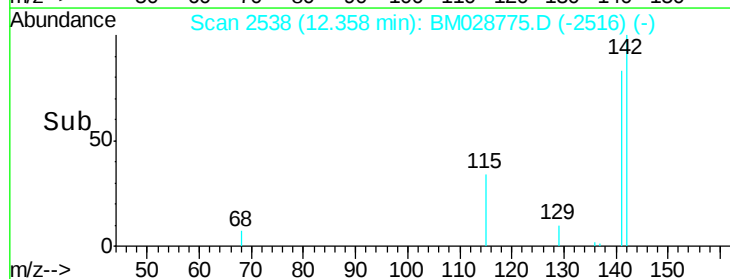
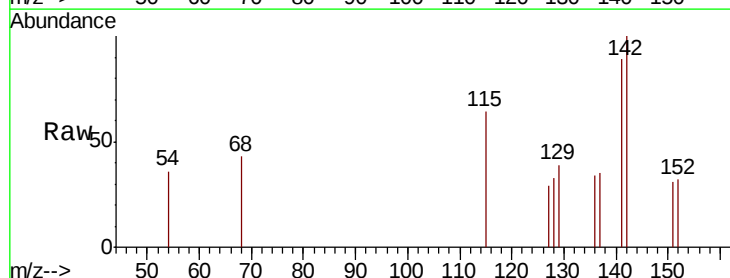
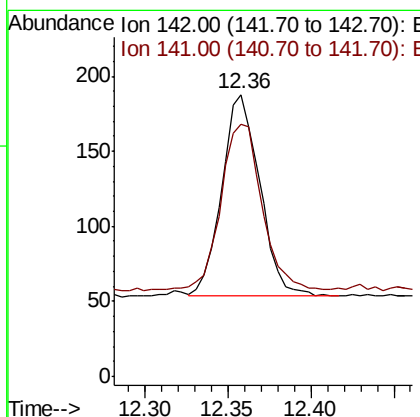
RT: 12.36 min Scan# 2538

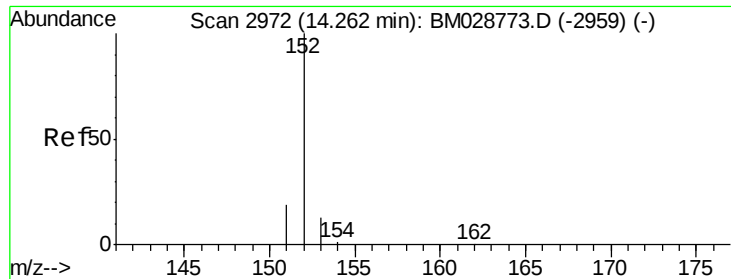
Delta R.T. 0.00 min

Lab File: BM028775.D

Acq: 17 Feb 2021 17:02

Tgt Ion:	142	Resp:	211
Ion	Ratio	Lower	Upper
142	100		
141	90.0	72.2	108.4





#7

Acenaphthylene

Concen: 0.060 ng/ul

RT: 14.26 min Scan# 2971

Delta R.T. -0.00 min

Lab File: BM028775.D

Acq: 17 Feb 2021 17:02

Instrument :

BNA_M

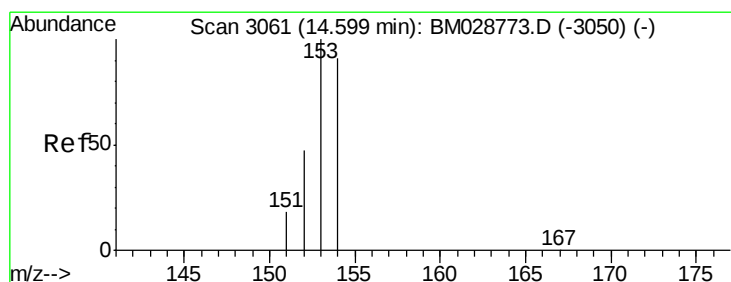
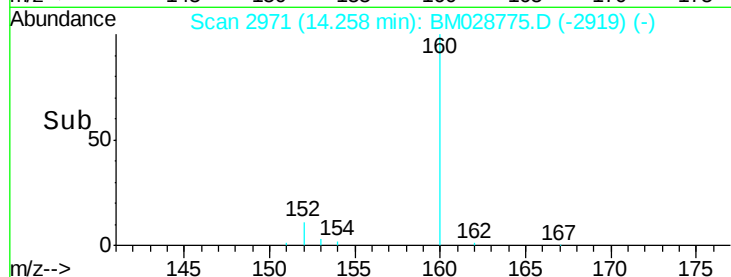
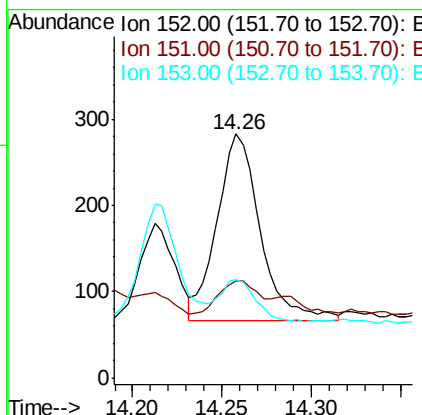
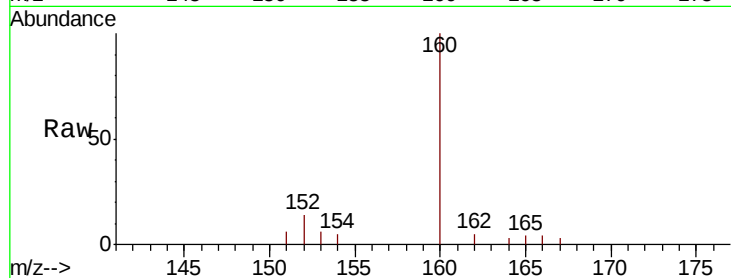
ClientSampleId :

DBGY5

Tot Ion:	152	Resp:	362
Ion Ratio	Lower	Upper	
152	100		
151	39.9	18.0	27.0#
153	40.3	13.4	20.0#

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#8

Acenaphthene

Concen: 0.023 ng/ul

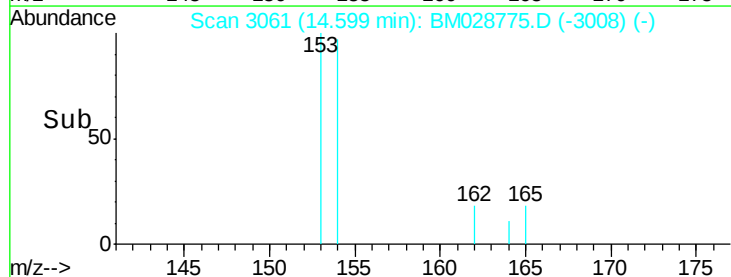
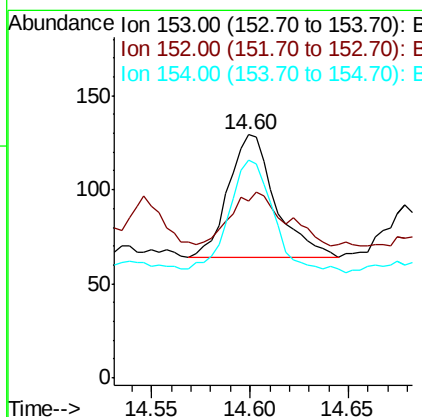
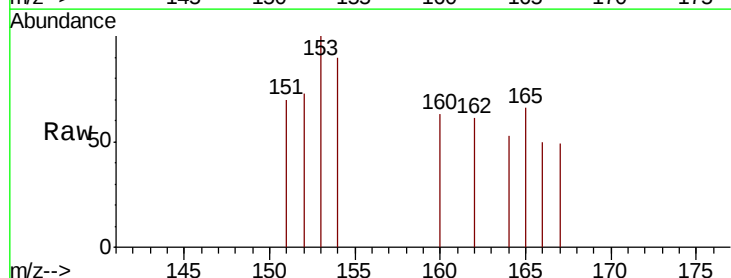
RT: 14.60 min Scan# 3061

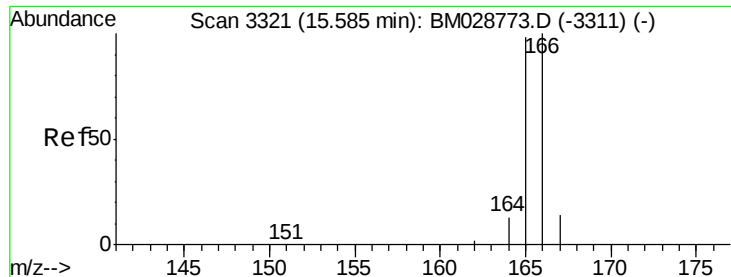
Delta R.T. 0.00 min

Lab File: BM028775.D

Acq: 17 Feb 2021 17:02

Tgt Ion:	153	Resp:	109
Ion Ratio	Lower	Upper	
153	100		
152	72.9	39.6	59.4#
154	89.9	70.3	105.5





#9

Fluorene

Concen: 0.036 ng/ul

RT: 15.58 min Scan# 3321

Delta R.T. 0.00 min

Lab File: BM028775.D

Acq: 17 Feb 2021 17:02

Instrument :

BNA_M

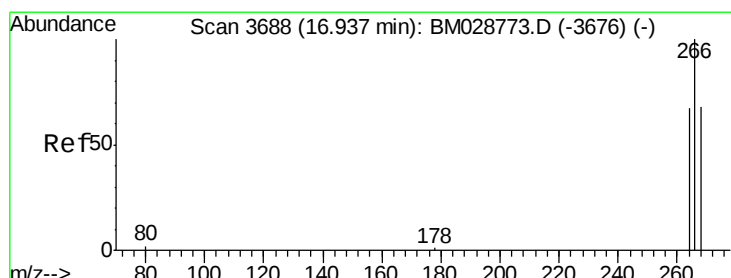
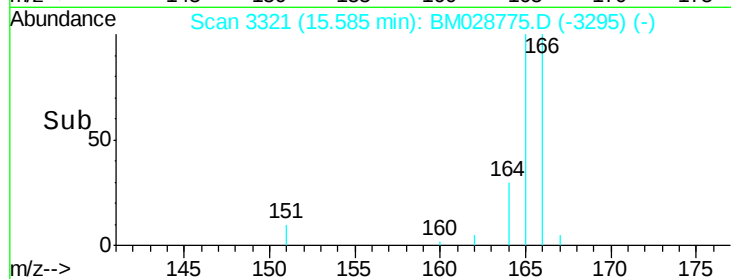
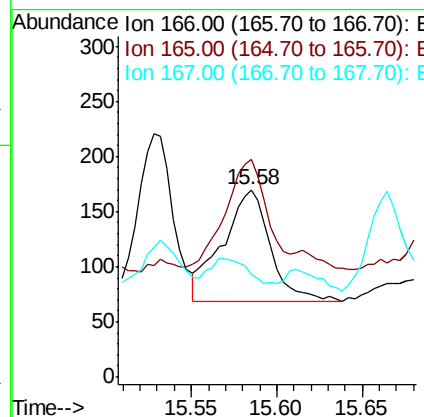
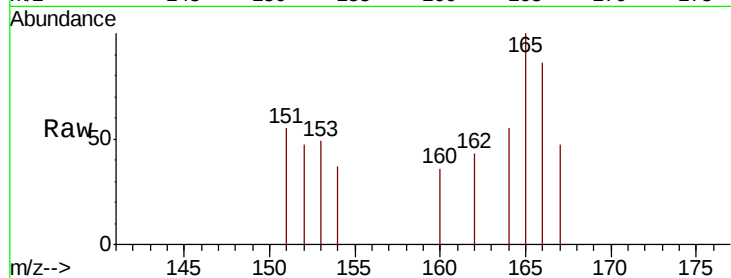
ClientSampleId :

DBGY5

Tot Ion:	166	Resp:	195
Ion Ratio	Lower	Upper	
166	100		
165	115.9	79.6	119.4
167	54.7	13.9	20.9#

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#11

Pentachlorophenol

Concen: 0.064 ng/ul

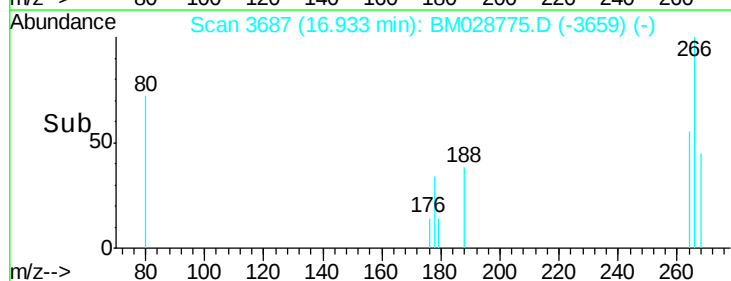
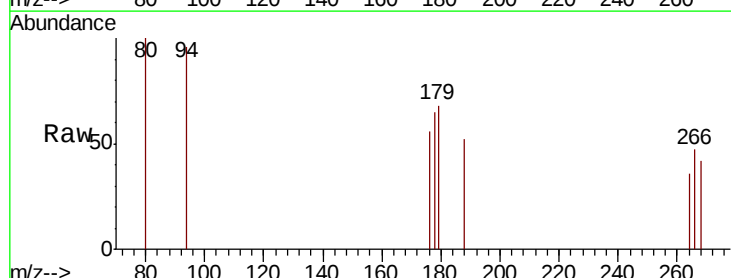
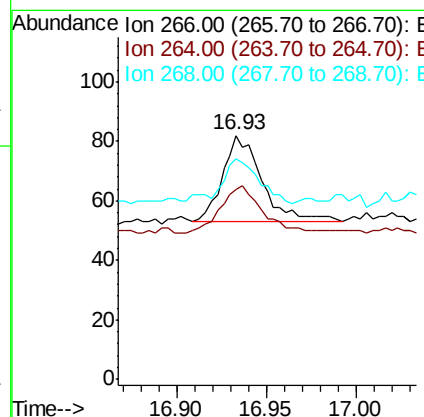
RT: 16.93 min Scan# 3687

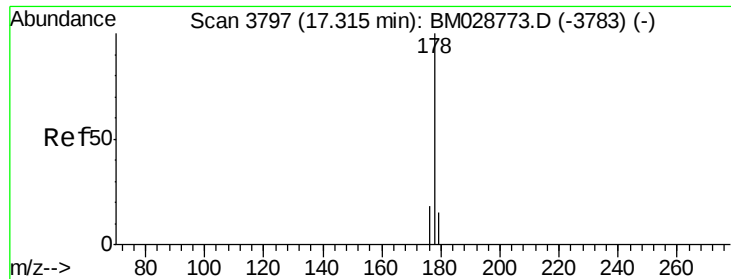
Delta R.T. -0.00 min

Lab File: BM028775.D

Acq: 17 Feb 2021 17:02

Tgt Ion:	266	Resp:	45
Ion Ratio	Lower	Upper	
266	100		
264	62.2	51.0	76.4
268	48.9	53.0	79.4#





#12

Phenanthrene

Concen: 0.433 ng/ul

RT: 17.31 min Scan# 3797

Delta R.T. 0.00 min

Lab File: BM028775.D

Acq: 17 Feb 2021 17:02

Instrument :

BNA_M

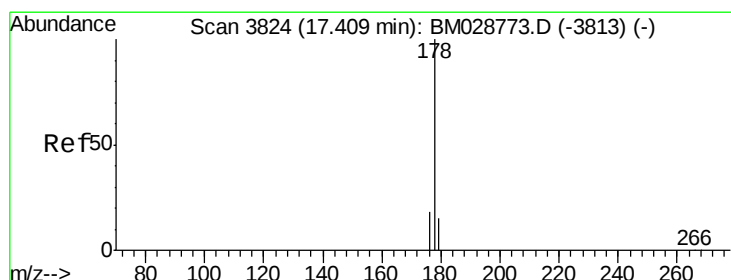
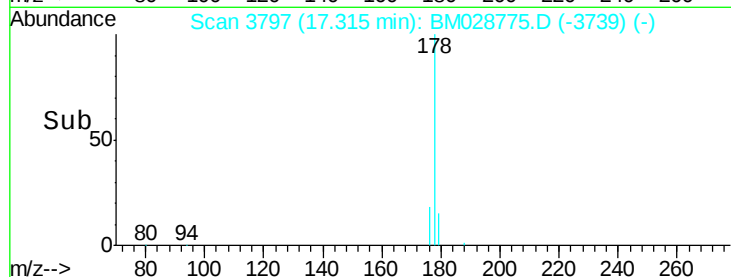
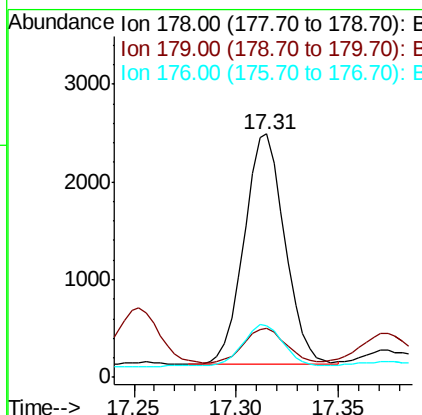
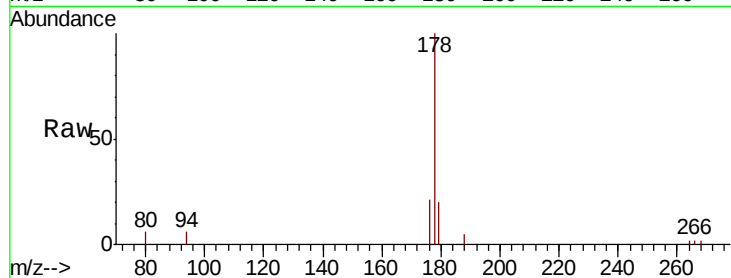
ClientSampleId :

DBGY5

Tot Ion	Ratio	Lower	Upper
178	100		
179	20.1	14.7	22.1
176	21.4	16.7	25.1

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#13

Anthracene

Concen: 0.089 ng/ul

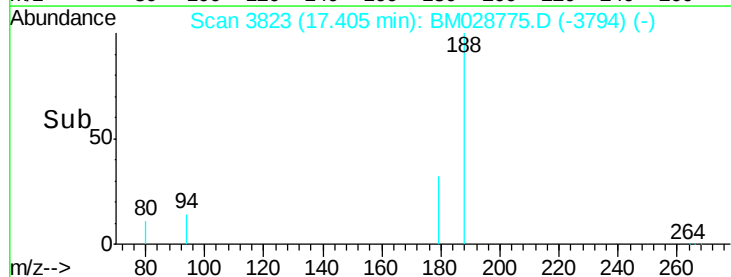
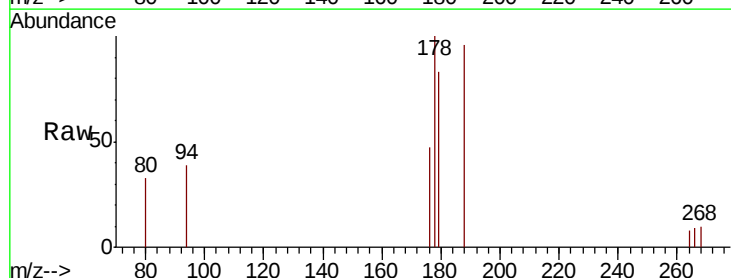
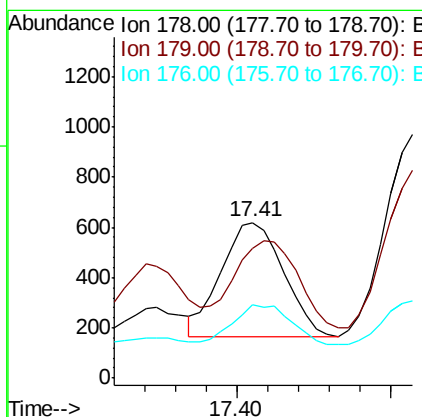
RT: 17.41 min Scan# 3823

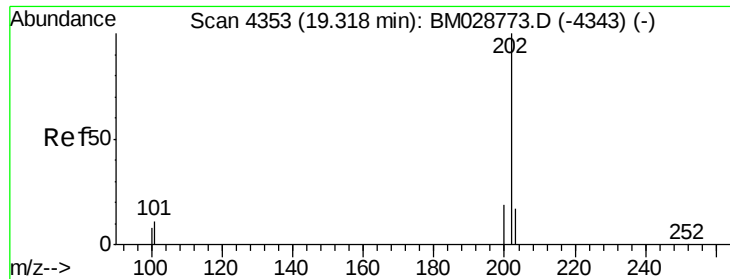
Delta R.T. 0.00 min

Lab File: BM028775.D

Acq: 17 Feb 2021 17:02

Tgt Ion	Ratio	Lower	Upper
178	100		
179	83.4	15.0	22.4#
176	46.9	16.6	24.8#





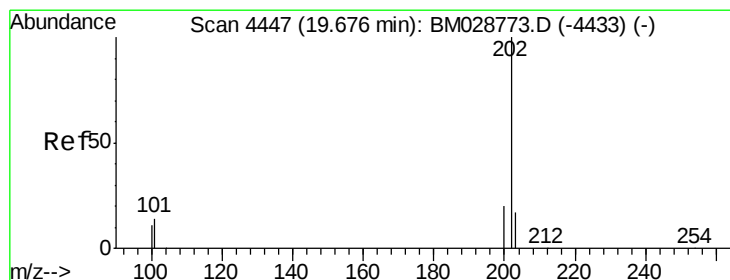
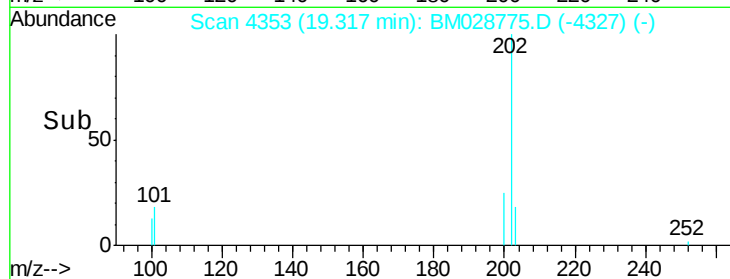
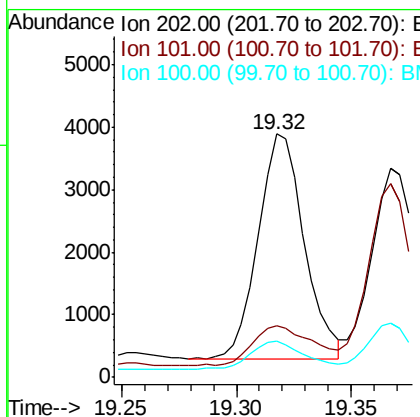
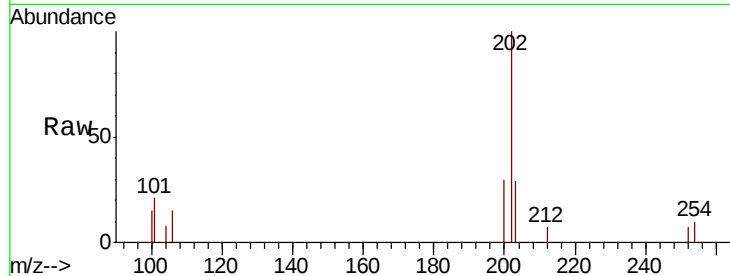
#15
Fluoranthene
Concen: 0.580 ng/ul
RT: 19.32 min Scan# 4353
Delta R.T. 0.00 min
Lab File: BM028775.D
Acq: 17 Feb 2021 17:02

Instrument :
BNA_M
ClientSampled :
DBGY5

Tot Ion	Ratio	Resp	Lower	Upper
202	100	4975		
101	21.1		0.0	34.5
100	14.9		0.0	31.7

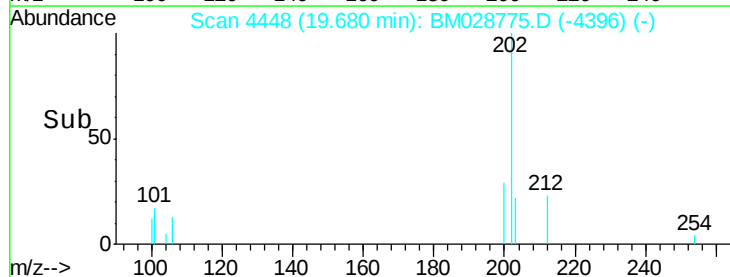
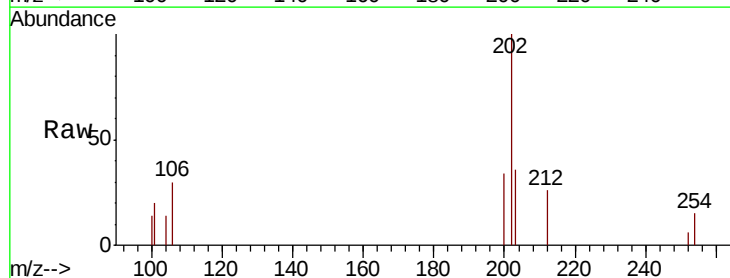
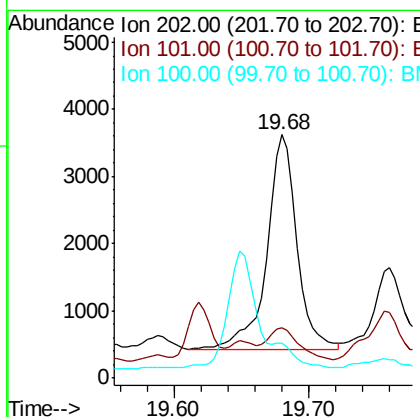
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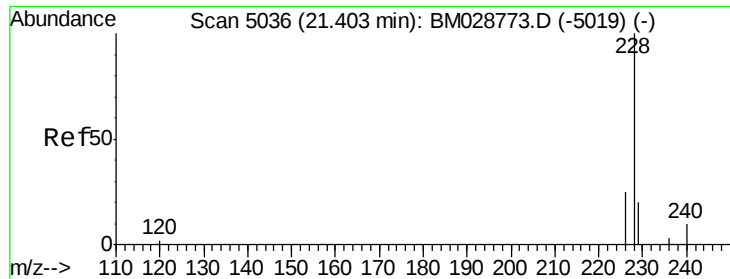
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#17
Pyrene
Concen: 0.353 ng/ul
RT: 19.68 min Scan# 4448
Delta R.T. 0.00 min
Lab File: BM028775.D
Acq: 17 Feb 2021 17:02

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	4938		
101	20.5		12.7	19.1#
100	14.2		10.2	15.4





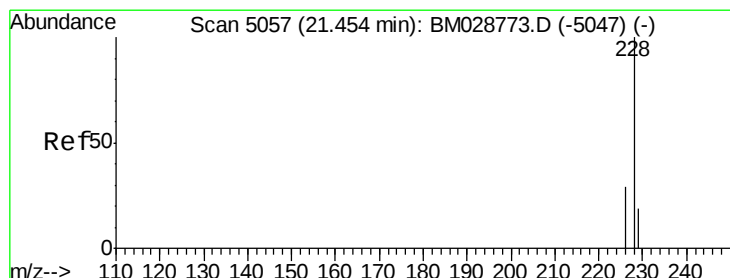
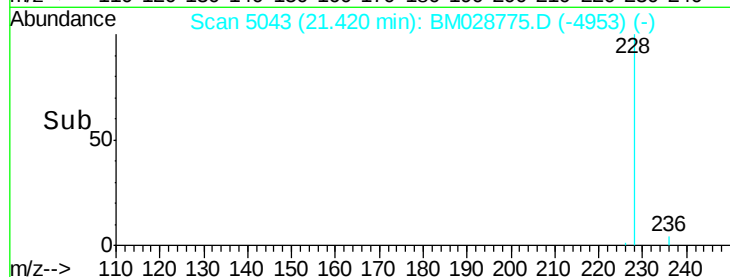
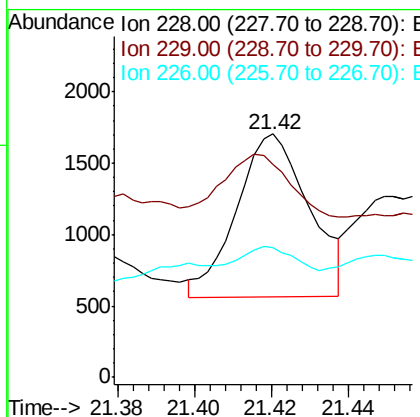
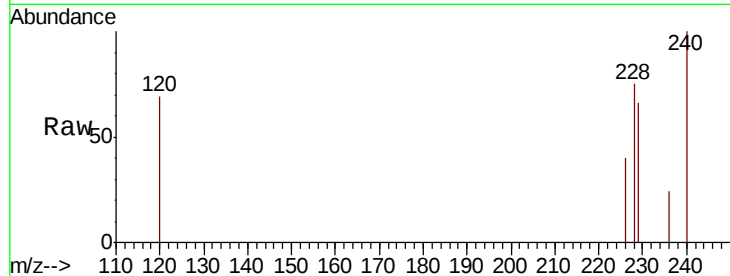
#18
Benzo(a)anthracene
Concen: 0.114 ng/ul
RT: 21.42 min Scan# 5043
Delta R.T. 0.02 min
Lab File: BM028775.D
Acq: 17 Feb 2021 17:02

Instrument :
BNA_M
ClientSampled :
DBGY5

Tot Ion	Ratio	Lower	Upper
228	100		
229	87.6	18.9	28.3#
226	53.3	22.6	34.0#

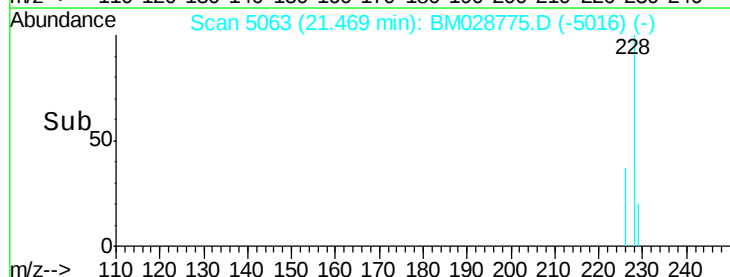
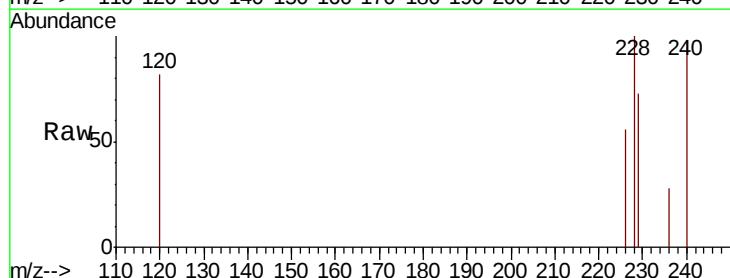
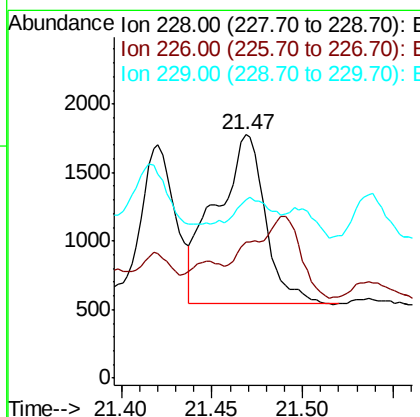
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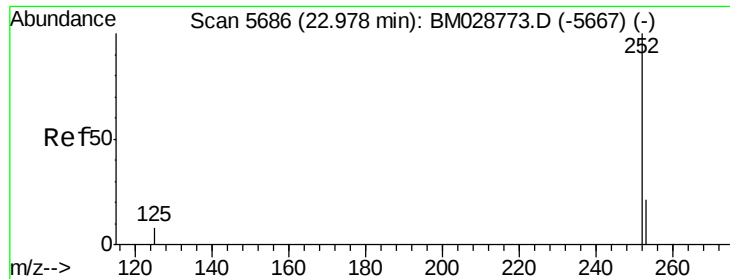
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#19
Chrysene
Concen: 0.180 ng/ul
RT: 21.47 min Scan# 5063
Delta R.T. 0.01 min
Lab File: BM028775.D
Acq: 17 Feb 2021 17:02

Tgt Ion	Ratio	Lower	Upper
228	100		
226	55.7	24.6	37.0#
229	73.5	18.8	28.2#





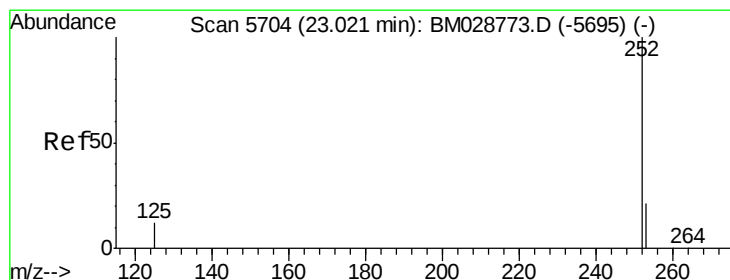
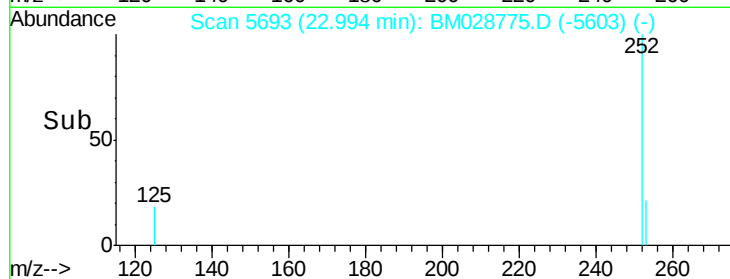
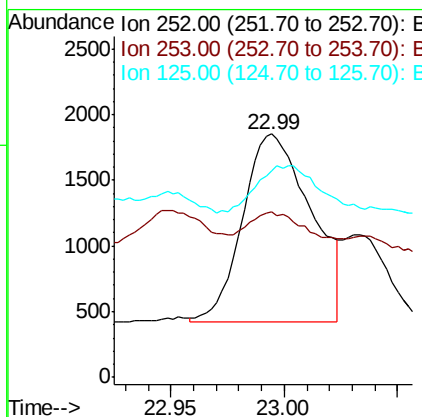
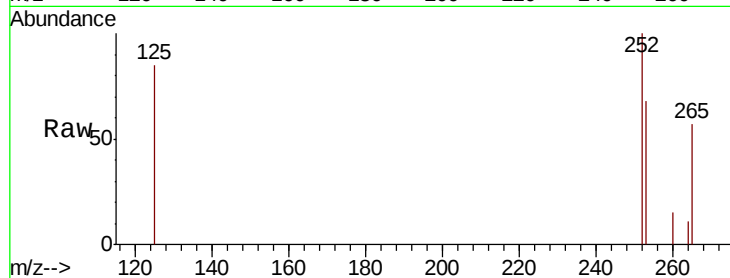
#21
Benzo(b)fluoranthene
Concen: 0.381 ng/ul m
RT: 22.99 min Scan# 5693
Delta R.T. 0.02 min
Lab File: BM028775.D
Acq: 17 Feb 2021 17:02

Instrument :
BNA_M
ClientSampleId :
DBGY5

Tot Ion	Ratio	Lower	Upper
252	100		
253	67.9	0.0	67.0#
125	84.9	0.0	57.4#

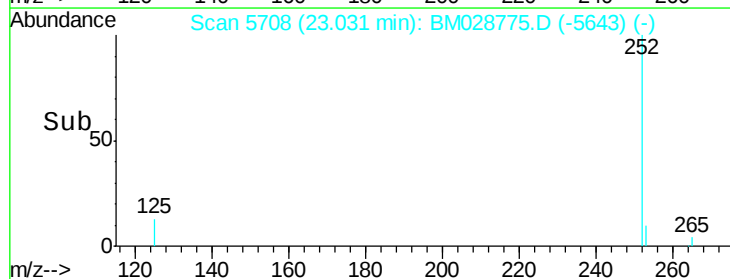
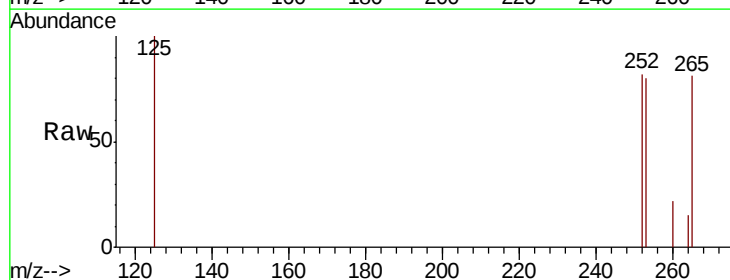
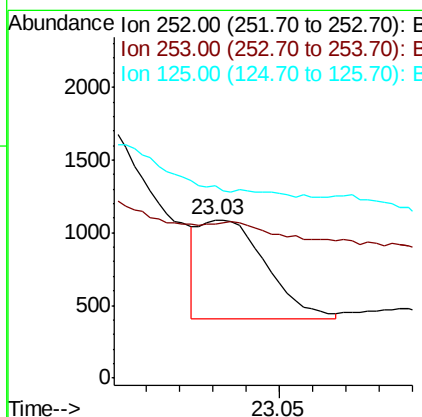
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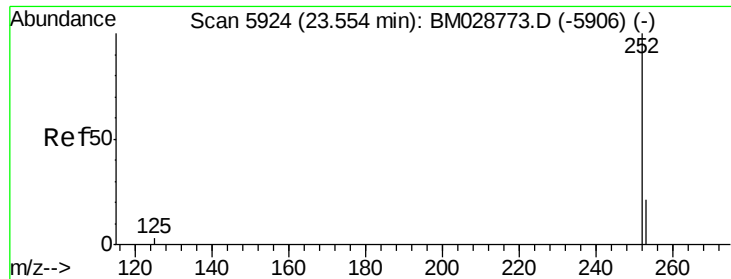
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#22
Benzo(k)fluoranthene
Concen: 0.118 ng/ul m
RT: 23.03 min Scan# 5708
Delta R.T. 0.01 min
Lab File: BM028775.D
Acq: 17 Feb 2021 17:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	97.8	26.3	39.5#
125	121.7	22.9	34.3#





#23

Benzo(a)pyrene

Concen: 0.221 ng/ul

RT: 23.57 min Scan# 5929

Delta R.T. 0.01 min

Lab File: BM028775.D

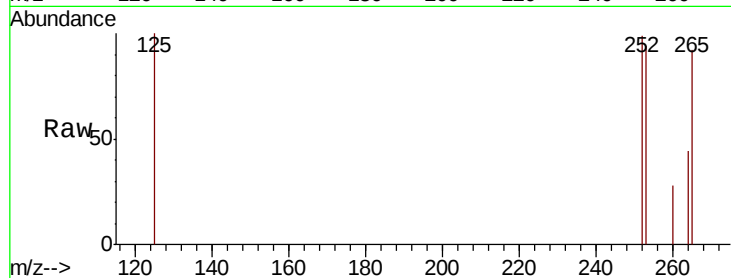
Acq: 17 Feb 2021 17:02

Instrument :

BNA_M

ClientSampleId :

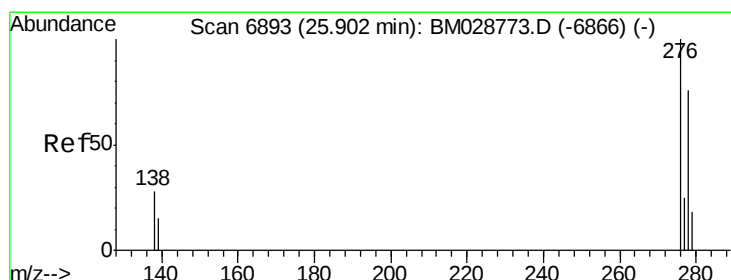
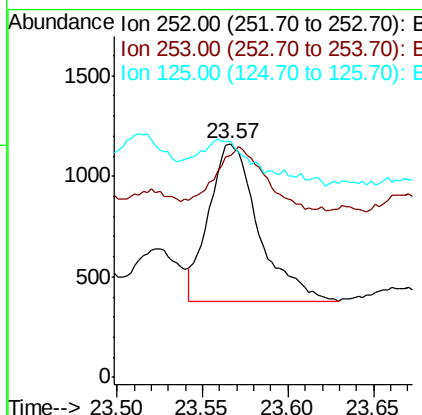
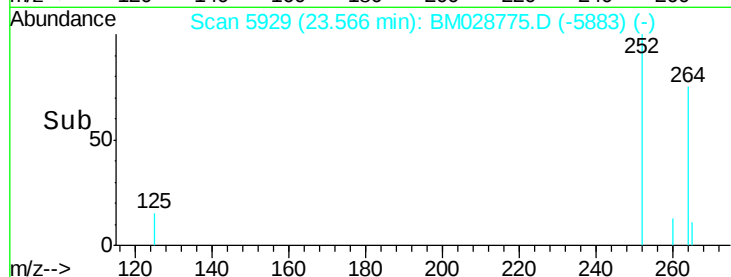
DBGY5



Tot Ion:	252	Resp:	1567
Ion Ratio	Lower	Upper	
252	100		
253	95.2	28.7	43.1#
125	101.1	27.9	41.9#

Manual Integrations
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mohammad
2/18/2021 1:39:06 PM



#24

Indeno(1,2,3-cd)pyrene

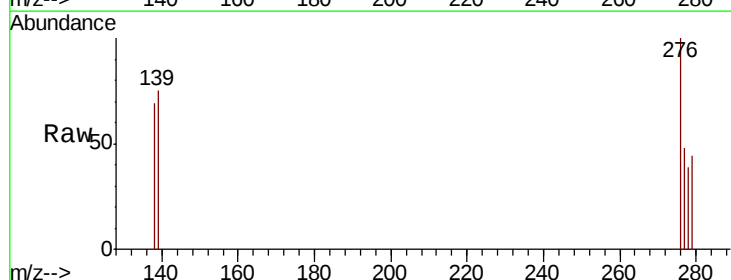
Concen: 0.150 ng/ul

RT: 25.92 min Scan# 6899

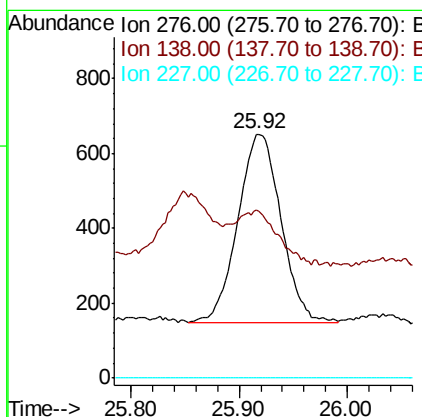
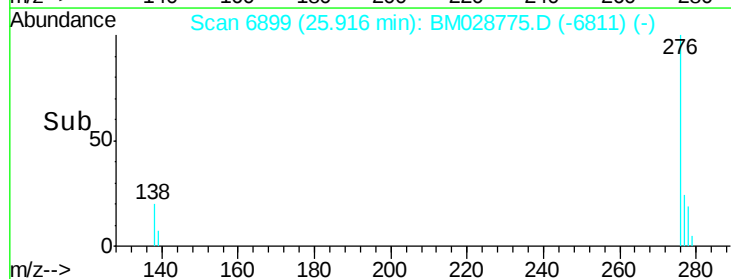
Delta R.T. 0.01 min

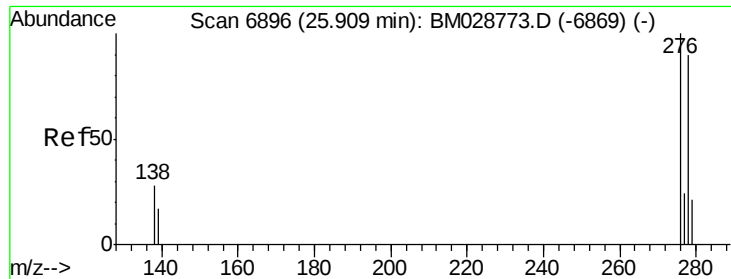
Lab File: BM028775.D

Acq: 17 Feb 2021 17:02



Tgt Ion:	276	Resp:	1391
Ion Ratio	Lower	Upper	
276	100		
138	0.0	0.0	0.0
227	0.0	0.0	0.0





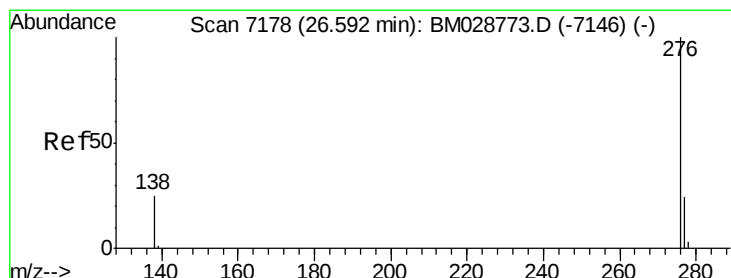
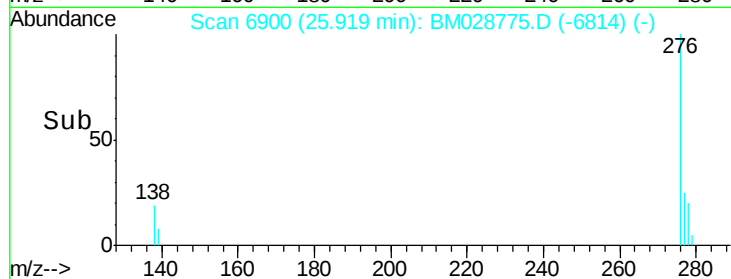
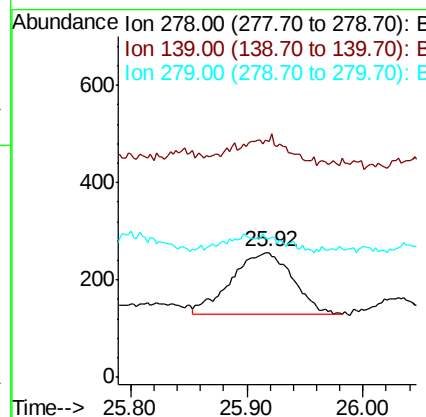
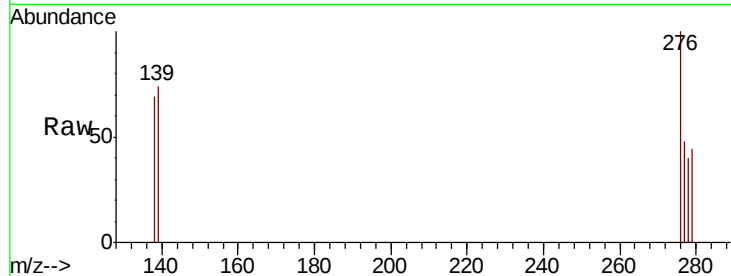
#25
Dibenzo(a,h)anthracene
Concen: 0.060 ng/u1
RT: 25.92 min Scan# 6900
Delta R.T. 0.01 min
Lab File: BM028775.D
Acq: 17 Feb 2021 17:02

Instrument :
BNA_M
ClientSampleId :
DBGY5

Tot Ion	Ratio	Lower	Upper
278	100		
139	188.3	24.9	37.3#
279	111.3	28.3	42.5#

Manual Integrations
APPROVED

mohammad
2/18/2021 1:39:06 PM



#26
Benzo(g,h,i)perylene
Concen: 0.259 ng/u1
RT: 26.61 min Scan# 7186
Delta R.T. 0.02 min
Lab File: BM028775.D
Acq: 17 Feb 2021 17:02

Tgt Ion	Ratio	Lower	Upper
276	100		
138	55.5	25.4	38.2#
277	41.5	25.3	37.9#

