

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021821\
 Data File : BM028792.D
 Acq On : 18 Feb 2021 12:25
 Operator : CG/JU
 Sample : M1379-11
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBGZ1

Manual Integrations
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Quant Time: Feb 18 13:04:54 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 13:03:27 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	481	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	1864	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.54	164	1314	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.28	188	2144	0.40	ng/ul	0.00
16) Chrysene-d12	21.45	240	3607	0.40	ng/ul	0.03
20) Perylene-d12	23.68	264	1988	0.40	ng/ul	0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	536	0.20	ng/ul	0.00
14) Fluoranthene-d10	19.30	212	1273	0.23	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.74	128	1343	0.289	ng/ul#	92
5) 2-Methylnaphthalene	12.36	142	331	0.107	ng/ul	100
7) Acenaphthylene	14.26	152	4001	0.746	ng/ul	99
8) Acenaphthene	14.60	153	1123	0.264	ng/ul	97
9) Fluorene	15.59	166	1375	0.291	ng/ul#	94
11) Pentachlorophenol	16.94	266	123	0.220	ng/ul	98
12) Phenanthrene	17.32	178	29805	4.974	ng/ul	95
13) Anthracene	17.41	178	8060	1.410	ng/ul#	94
15) Fluoranthene	19.33	202	71318	10.455	ng/ul	95
17) Pyrene	19.69	202	61975	4.729	ng/ul	98
18) Benzo(a)anthracene	21.43	228	34457	2.798	ng/ul	97
19) Chrysene	21.48	228	36965	3.020	ng/ul	95
21) Benzo(b)fluoranthene	23.01	252	53454m	7.856	ng/ul	
22) Benzo(k)fluoranthene	23.05	252	20629m	3.038	ng/ul	
23) Benzo(a)pyrene	23.58	252	30131	4.972	ng/ul#	82
24) Indeno(1,2,3-cd)pyrene	25.94	276	22143	2.806	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.94	278	6032	0.911	ng/ul#	73
26) Benzo(g,h,i)perylene	26.64	276	19545	2.976	ng/ul	93

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

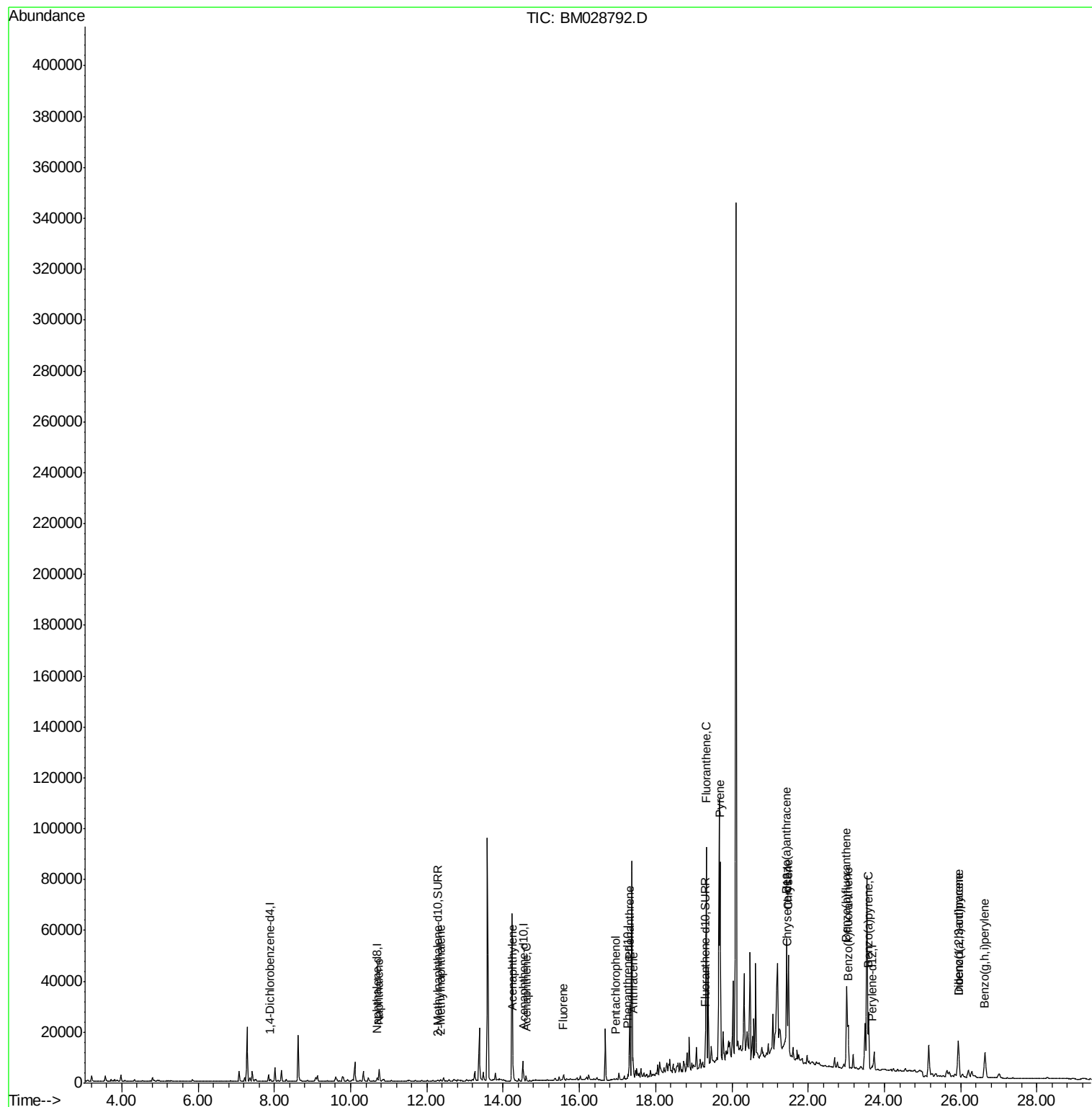
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021821\
Data File : BM028792.D
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ALS Vial : 6 Sample Multiplier: 1

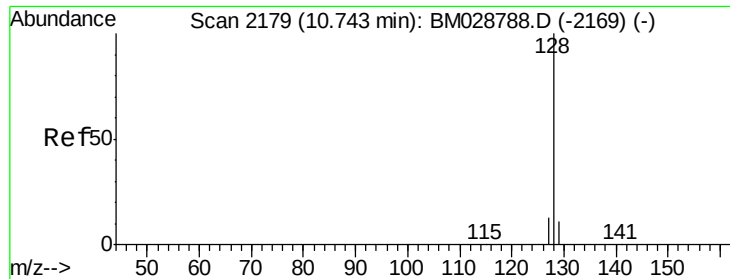
Instrument :
BNA_M
ClientSampleId :
DBGZ1

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Quant Time: Feb 18 13:04:54 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 13:03:27 2021
Response via : Initial Calibration





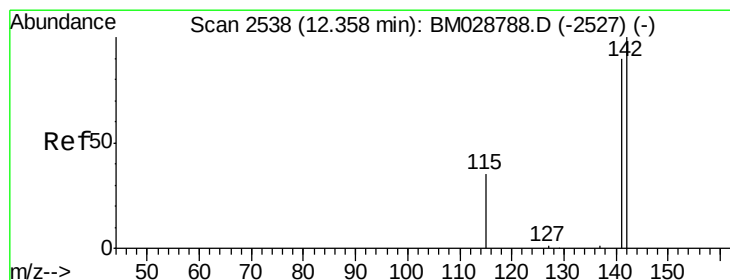
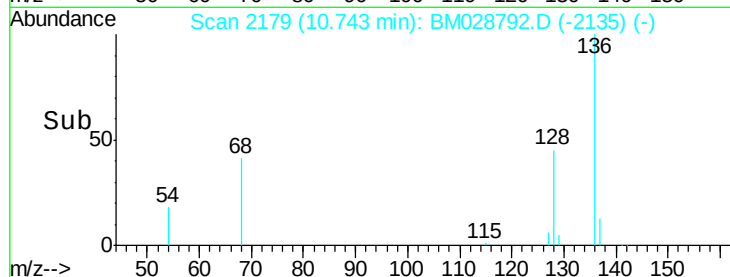
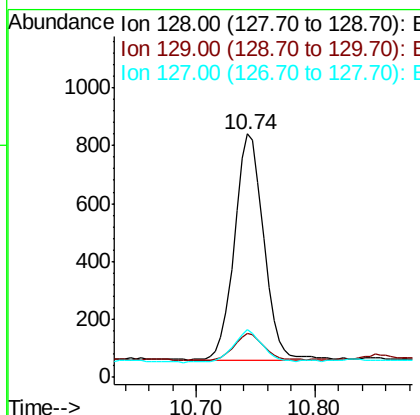
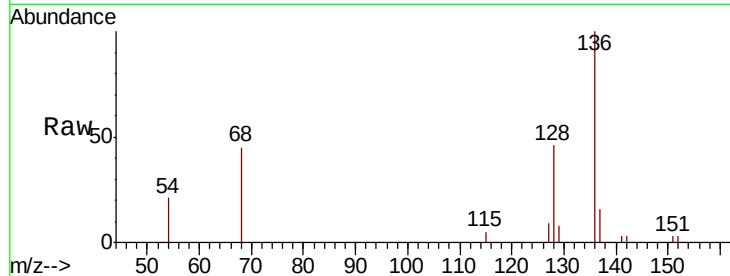
#3
Naphthalene
Concen: 0.289 ng/ul
RT: 10.74 min Scan# 2179
Delta R.T. 0.00 min
Lab File: BM028792.D
Acq: 18 Feb 2021 12:25

Instrument :
BNA_M
ClientSampled :
DBGZ1

Tot Ion	Ratio	Lower	Upper
128	100		
129	18.1	11.4	17.2#
127	19.4	13.0	19.6

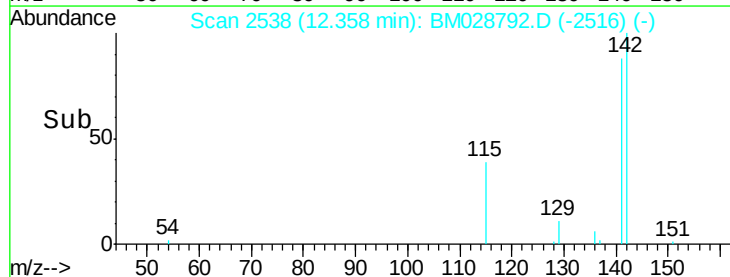
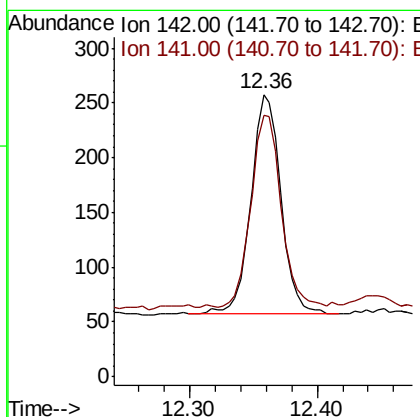
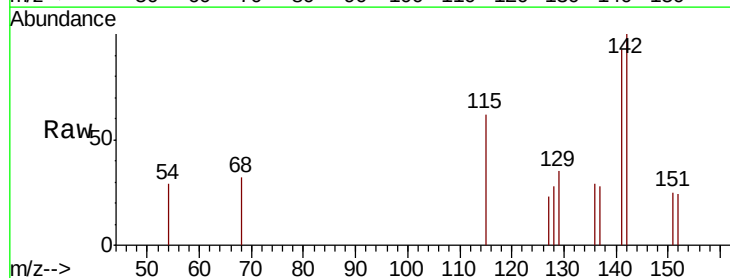
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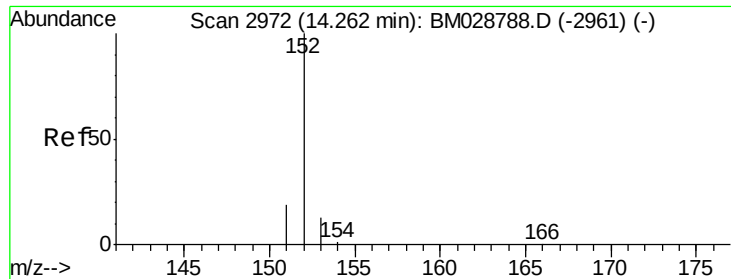
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#5
2-Methylnaphthalene
Concen: 0.107 ng/ul
RT: 12.36 min Scan# 2538
Delta R.T. 0.00 min
Lab File: BM028792.D
Acq: 18 Feb 2021 12:25

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.6	72.2	108.4





#7

Acenaphthylene

Concen: 0.746 ng/ul

RT: 14.26 min Scan# 2972

Delta R.T. 0.00 min

Lab File: BM028792.D

Acq: 18 Feb 2021 12:25

Instrument :

BNA_M

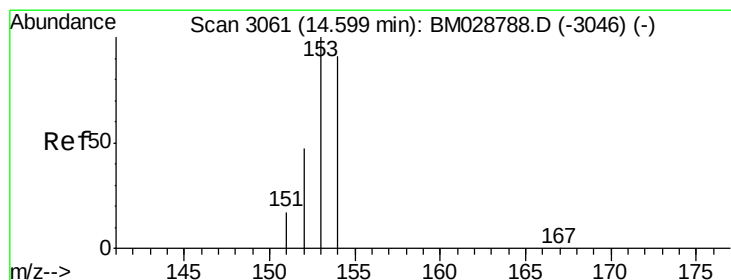
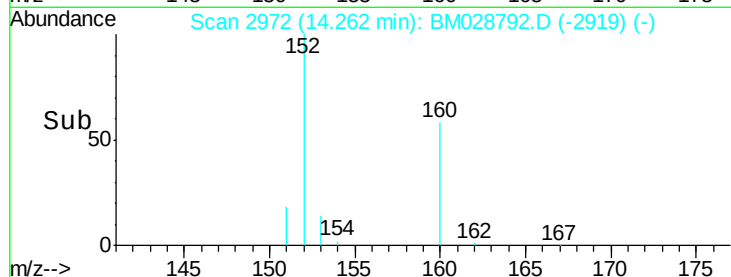
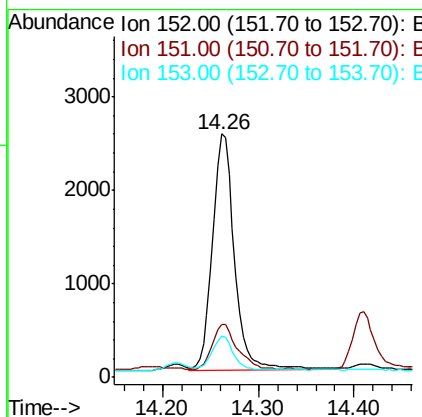
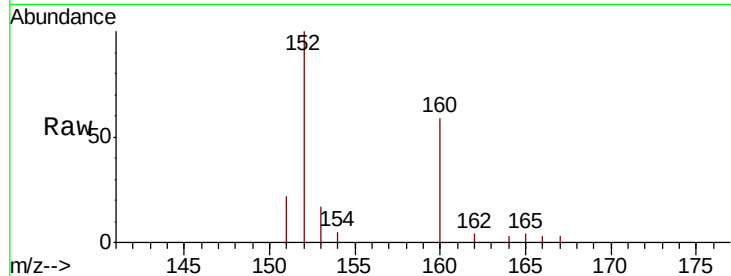
ClientSampleId :

DBGZ1

Tot Ion:	152	Resp:	4001
Ion	Ratio	Lower	Upper
152	100		
151	21.9	18.0	27.0
153	16.9	13.4	20.0

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#8

Acenaphthene

Concen: 0.264 ng/ul

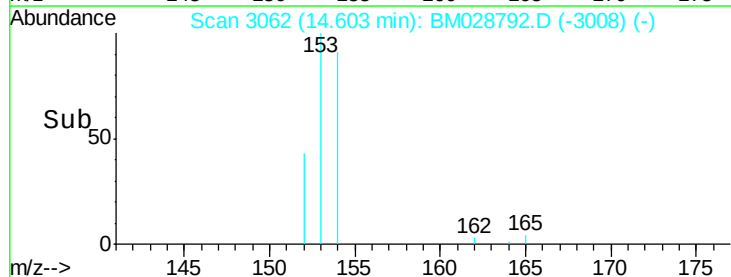
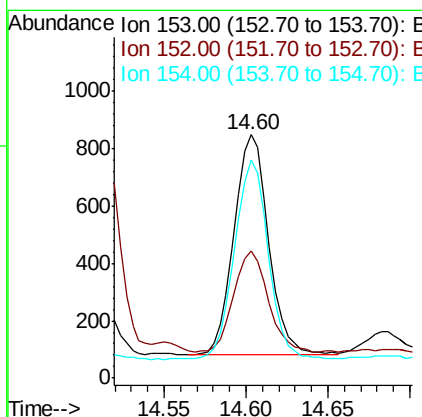
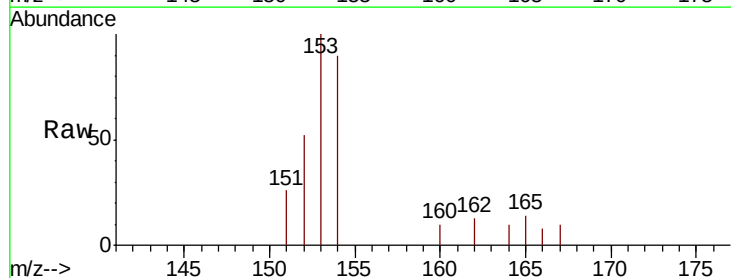
RT: 14.60 min Scan# 3062

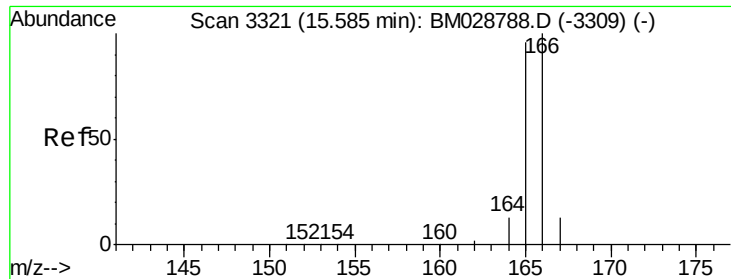
Delta R.T. 0.00 min

Lab File: BM028792.D

Acq: 18 Feb 2021 12:25

Tgt Ion:	153	Resp:	1123
Ion	Ratio	Lower	Upper
153	100		
152	52.5	39.6	59.4
154	89.6	70.3	105.5





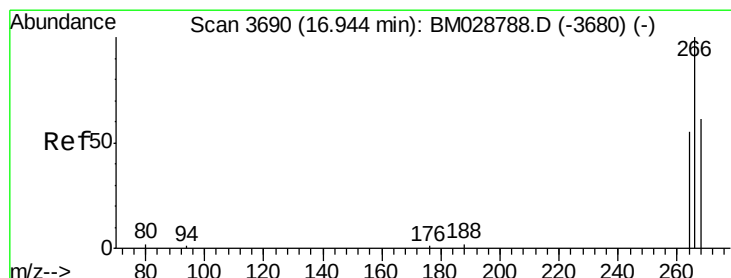
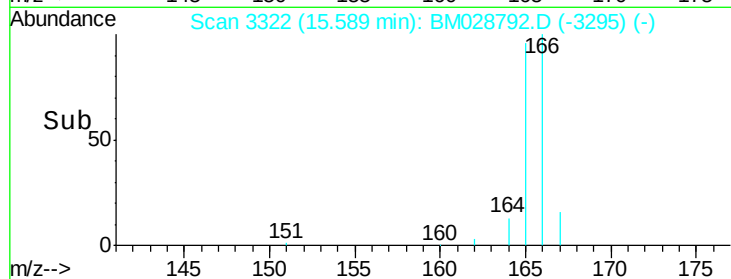
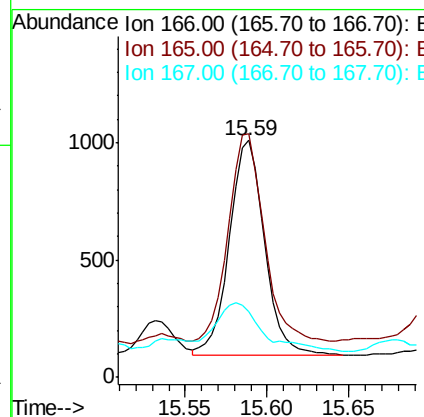
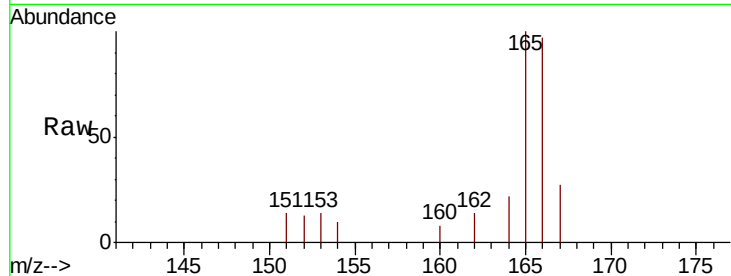
#9
Fluorene
 Concen: 0.291 ng/ul
 RT: 15.59 min Scan# 3322
 Delta R.T. 0.00 min
 Lab File: BM028792.D
 Acq: 18 Feb 2021 12:25

Instrument :
 BNA_M
 ClientSampleID :
 DBGZ1

Tot Ion	Ratio	Lower	Upper
166	100		
165	102.9	79.6	119.4
167	27.6	13.9	20.9

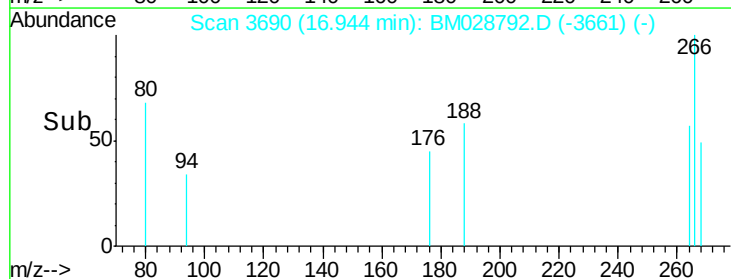
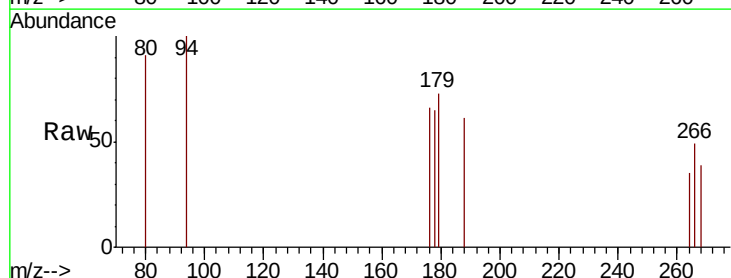
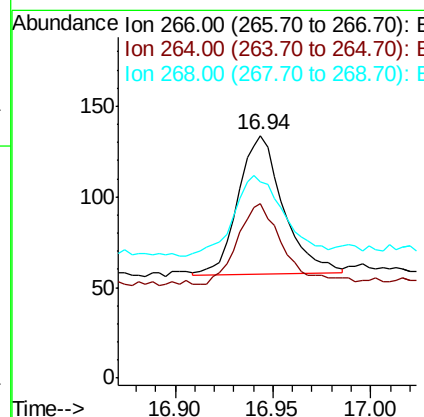
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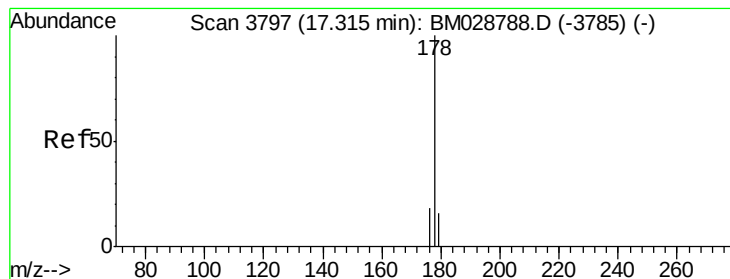
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#11
Pentachlorophenol
 Concen: 0.220 ng/ul
 RT: 16.94 min Scan# 3690
 Delta R.T. 0.00 min
 Lab File: BM028792.D
 Acq: 18 Feb 2021 12:25

Tgt Ion	Ratio	Lower	Upper
266	100		
264	60.2	51.0	76.4
268	65.9	53.0	79.4





#12

Phenanthrene

Concen: 4.974 ng/ul

RT: 17.32 min Scan# 3798

Delta R.T. 0.00 min

Lab File: BM028792.D

Acq: 18 Feb 2021 12:25

Instrument :

BNA_M

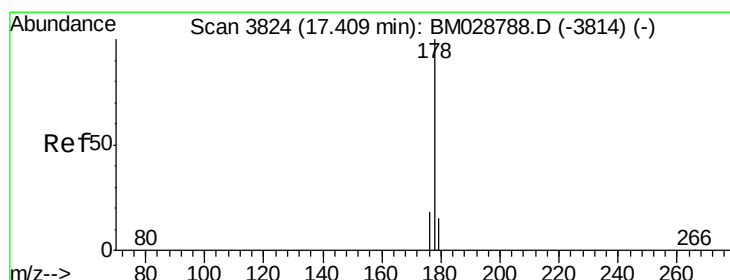
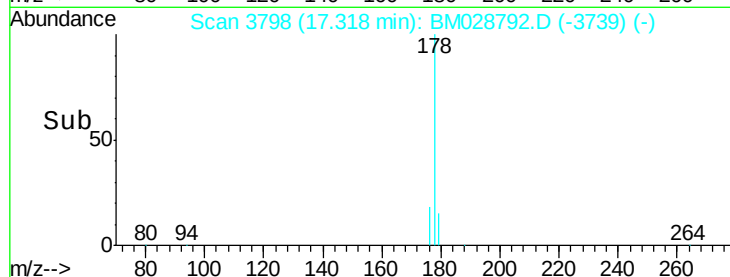
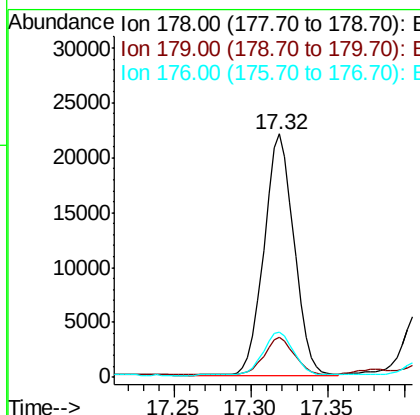
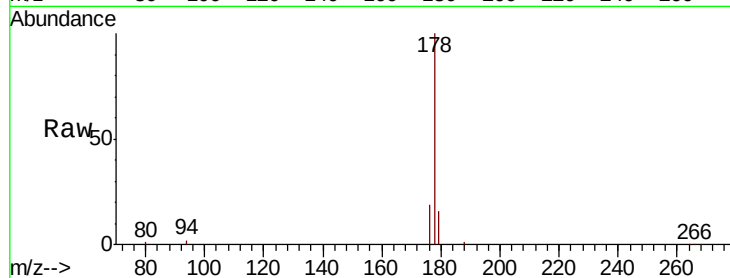
ClientSampleId :

DBGZ1

Tot Ion:	178	Resp:	29805
Ion Ratio	Lower	Upper	
178	100		
179	16.2	14.7	22.1
176	18.8	16.7	25.1

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#13

Anthracene

Concen: 1.410 ng/ul

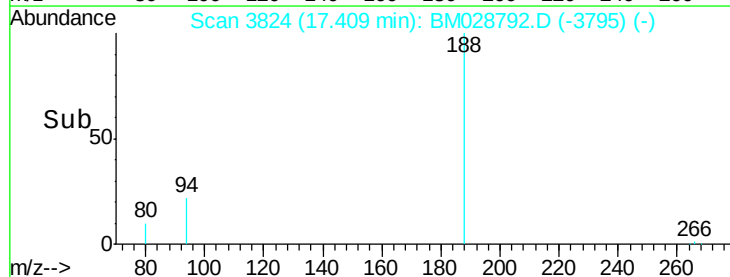
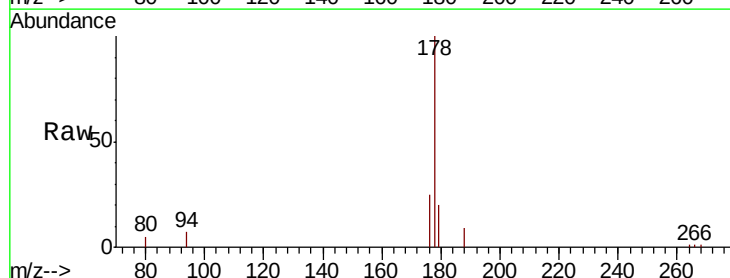
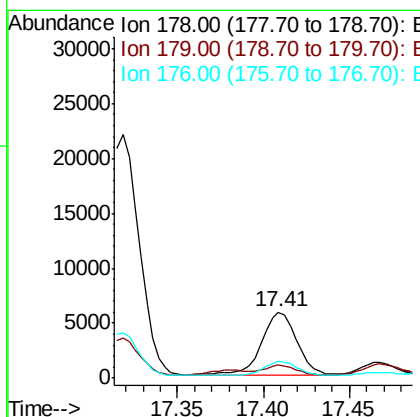
RT: 17.41 min Scan# 3824

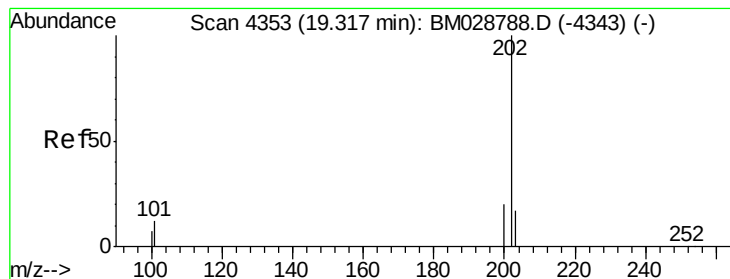
Delta R.T. 0.00 min

Lab File: BM028792.D

Acq: 18 Feb 2021 12:25

Tgt Ion:	178	Resp:	8060
Ion Ratio	Lower	Upper	
178	100		
179	19.5	15.0	22.4
176	24.9	16.6	24.8#





#15

Fluoranthene

Concen: 10.455 ng/ul

RT: 19.33 min Scan# 4355

Delta R.T. 0.01 min

Lab File: BM028792.D

Acq: 18 Feb 2021 12:25

Instrument :

BNA_M

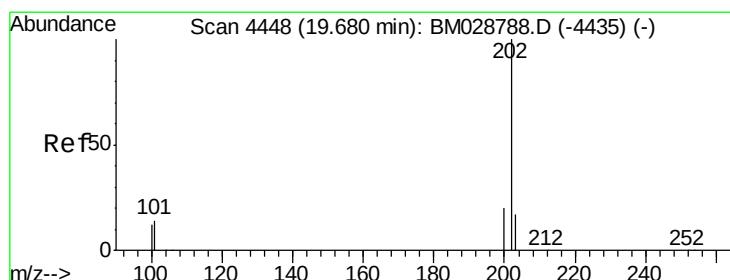
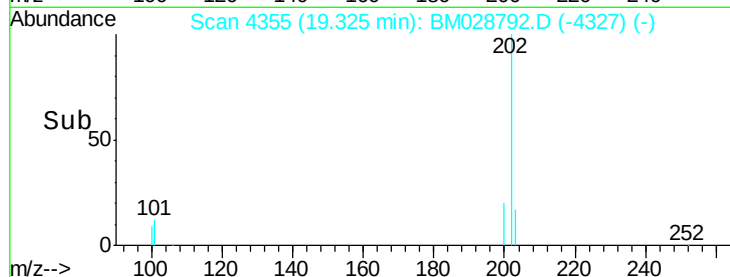
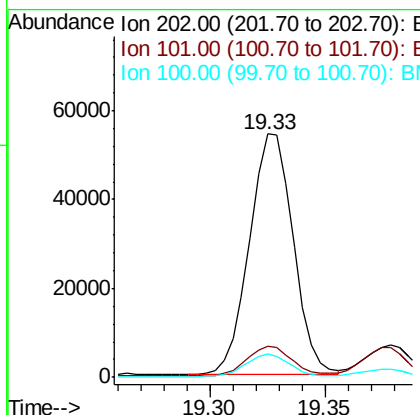
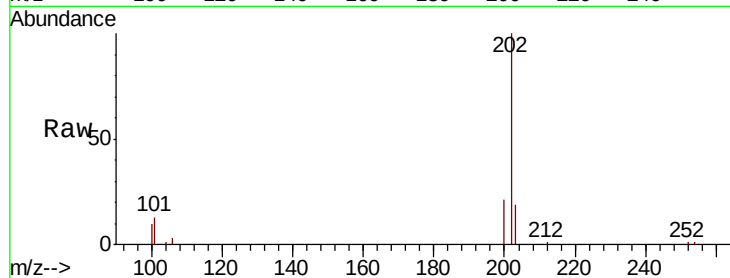
ClientSampleId :

DBGZ1

Tot Ion:	202	Resp:	71318
Ion Ratio	Lower	Upper	
202	100		
101	12.7	0.0	34.5
100	9.6	0.0	31.7

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#17

Pyrene

Concen: 4.729 ng/ul

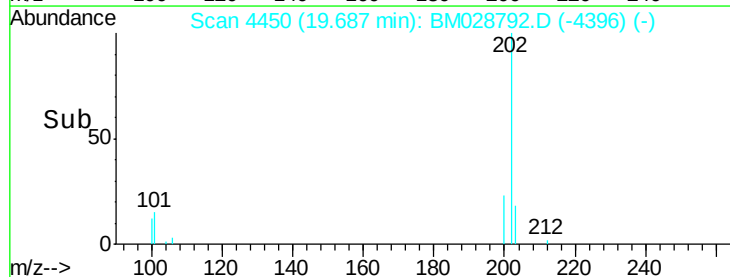
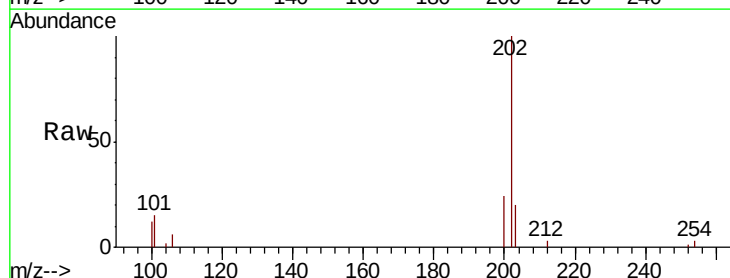
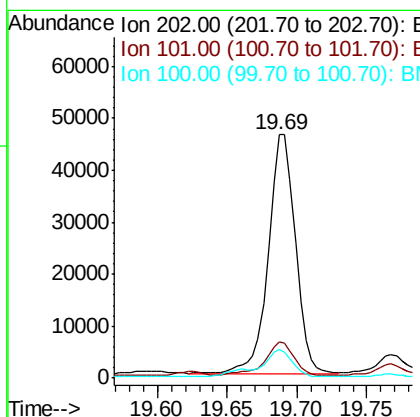
RT: 19.69 min Scan# 4450

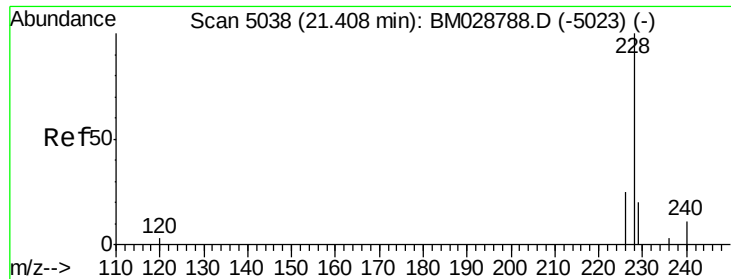
Delta R.T. 0.01 min

Lab File: BM028792.D

Acq: 18 Feb 2021 12:25

Tgt Ion:	202	Resp:	61975
Ion Ratio	Lower	Upper	
202	100		
101	14.9	12.7	19.1
100	11.9	10.2	15.4





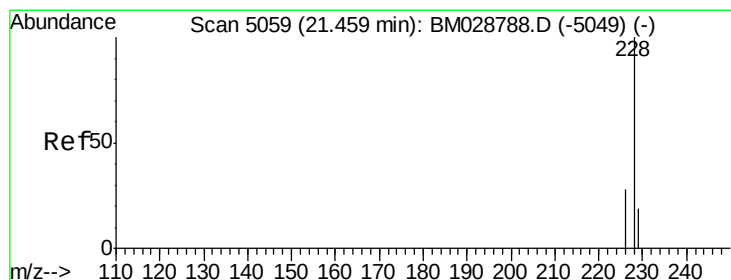
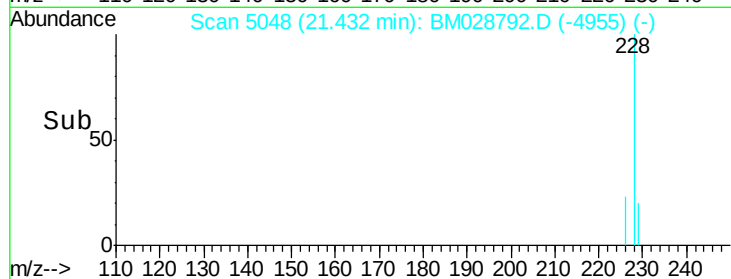
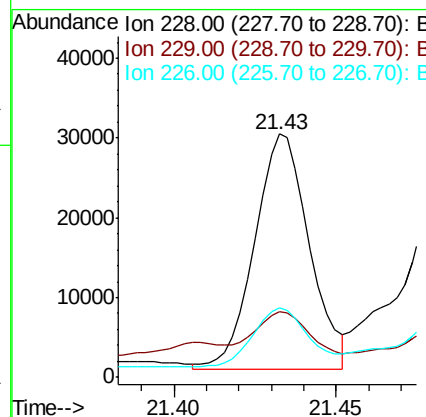
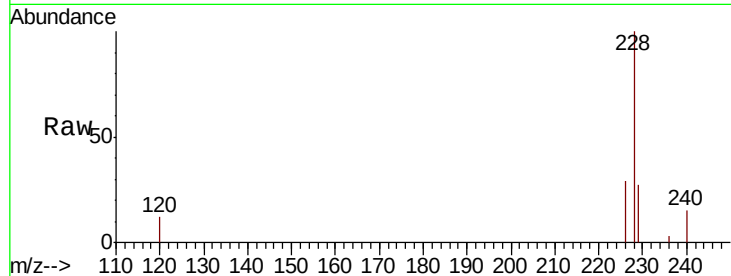
#18
Benzo(a)anthracene
Concen: 2.798 ng/ul
RT: 21.43 min Scan# 5048
Delta R.T. 0.02 min
Lab File: BM028792.D
Acq: 18 Feb 2021 12:25

Instrument :
BNA_M
ClientSampleId :
DBGZ1

Tot Ion	Ratio	Lower	Upper
228	100		
229	26.8	18.9	28.3
226	28.7	22.6	34.0

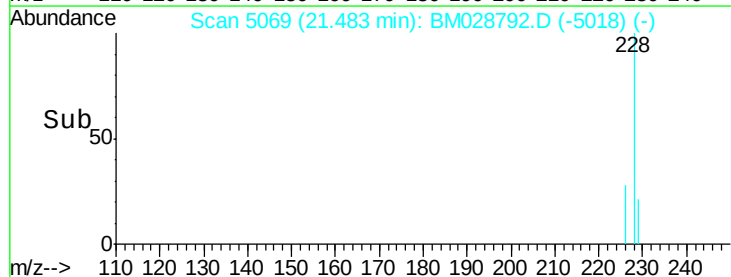
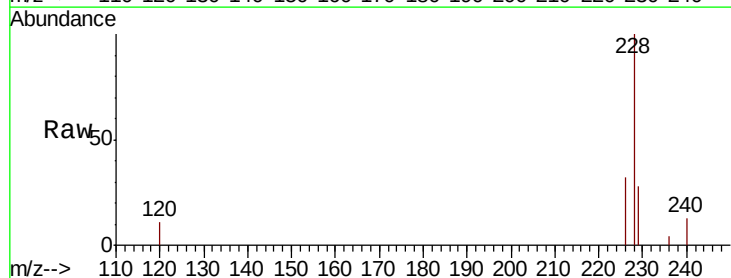
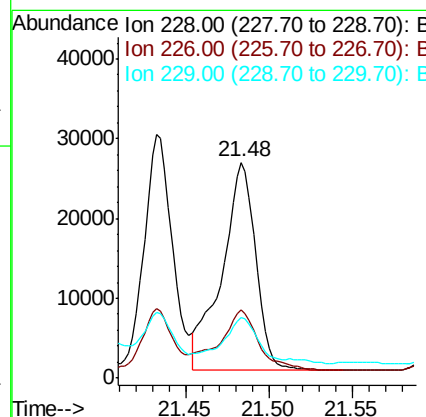
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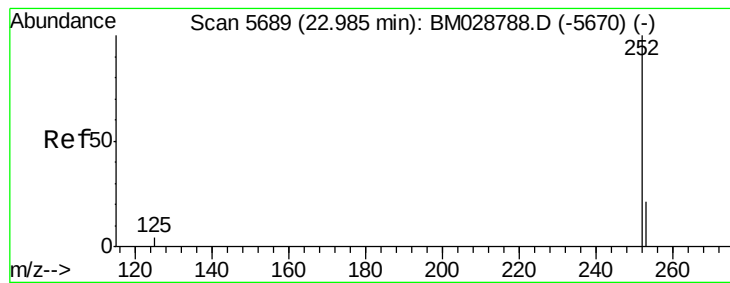
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#19
Chrysene
Concen: 3.020 ng/ul
RT: 21.48 min Scan# 5069
Delta R.T. 0.02 min
Lab File: BM028792.D
Acq: 18 Feb 2021 12:25

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.7	24.6	37.0
229	27.8	18.8	28.2





#21

Benzo(b)fluoranthene

Concen: 7.856 ng/ul m

RT: 23.01 min Scan# 5699

Delta R.T. 0.02 min

Lab File: BM028792.D

Acq: 18 Feb 2021 12:25

Instrument :

BNA_M

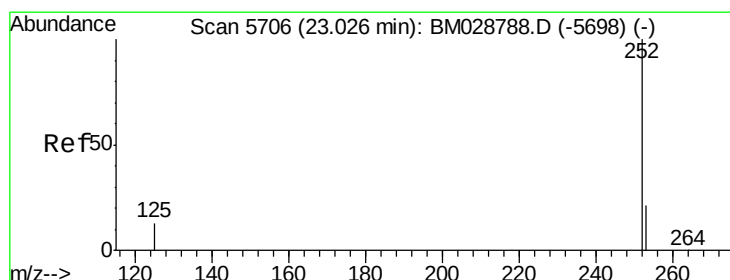
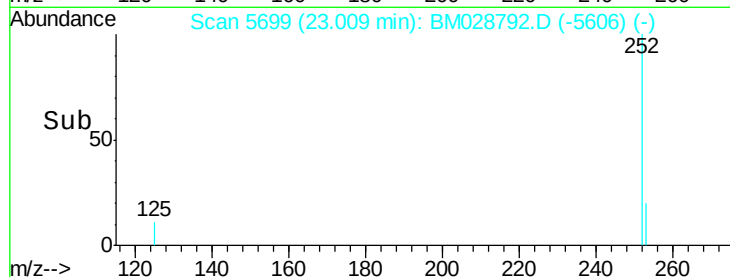
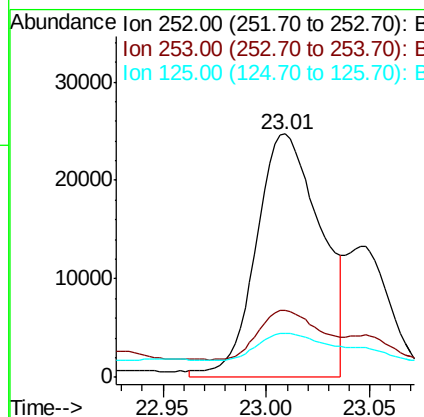
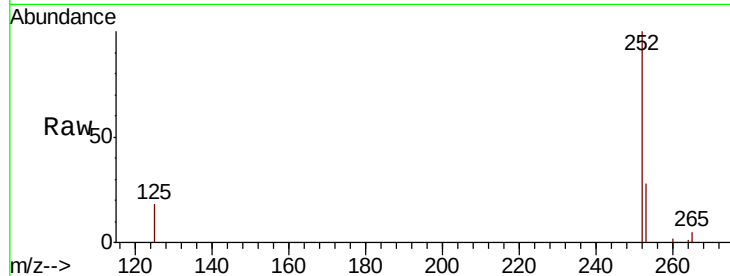
ClientSampleId :

DBGZ1

Tot Ion:	252	Resp:	53454
Ion Ratio	Lower	Upper	
252	100		
253	27.7	0.0	67.0
125	18.1	0.0	57.4

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#22

Benzo(k)fluoranthene

Concen: 3.038 ng/ul m

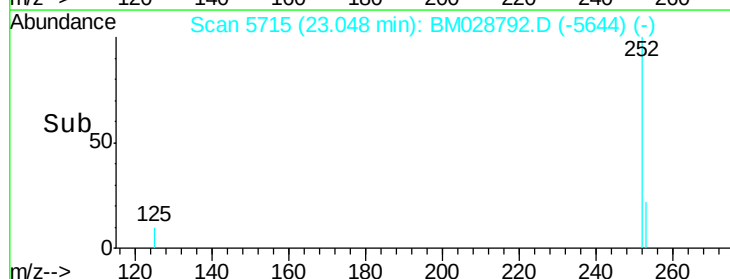
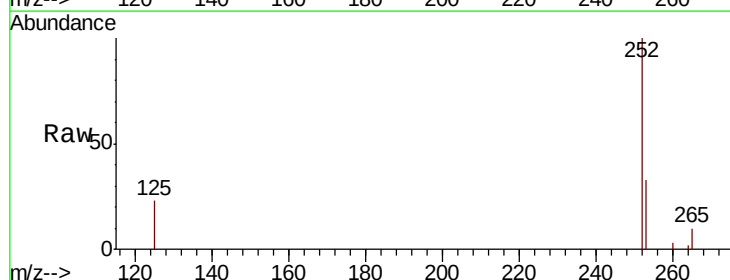
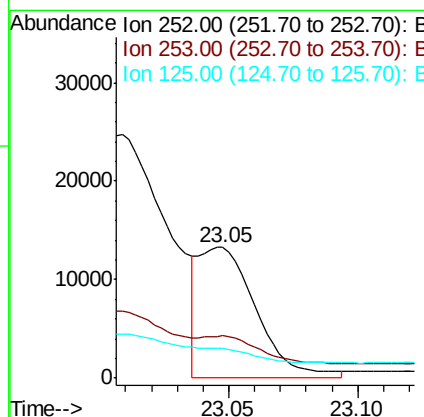
RT: 23.05 min Scan# 5715

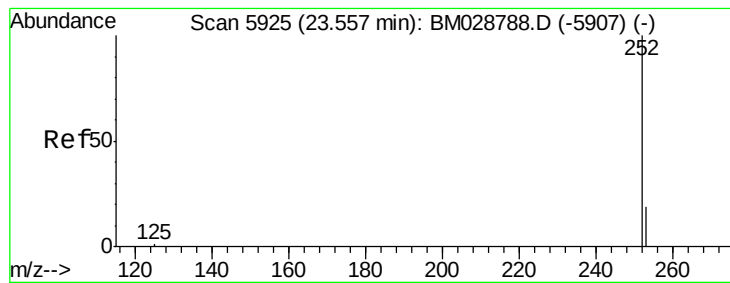
Delta R.T. 0.02 min

Lab File: BM028792.D

Acq: 18 Feb 2021 12:25

Tgt Ion:	252	Resp:	20629
Ion Ratio	Lower	Upper	
252	100		
253	32.7	26.3	39.5
125	22.7	22.9	34.3#





#23

Benzo(a)pyrene

Concen: 4.972 ng/ul

RT: 23.58 min Scan# 5935

Delta R.T. 0.02 min

Lab File: BM028792.D

Acq: 18 Feb 2021 12:25

Instrument :

BNA_M

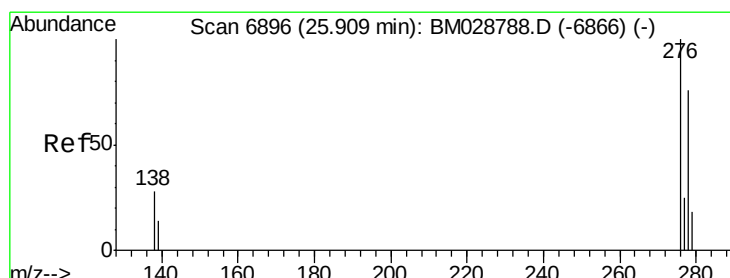
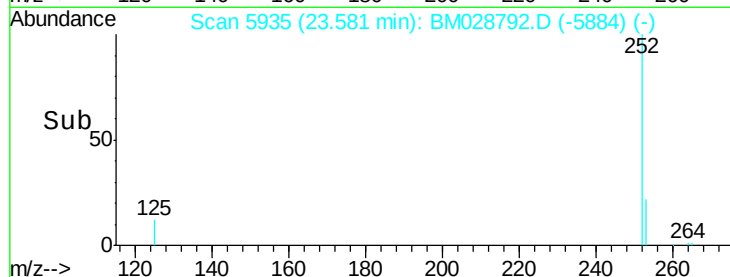
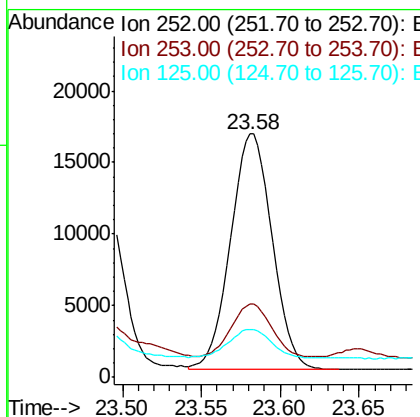
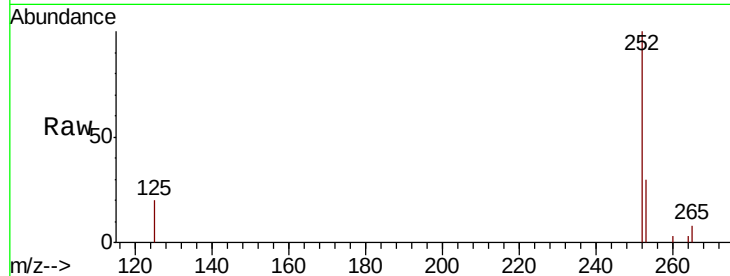
ClientSampleId :

DBGZ1

Tot Ion	Ratio	Lower	Upper
252	100		
253	30.1	28.7	43.1
125	19.7	27.9	41.9#

Manual Integrations
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#24

Indeno(1,2,3-cd)pyrene

Concen: 2.806 ng/ul

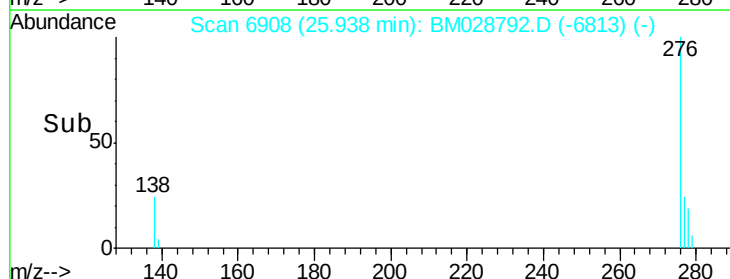
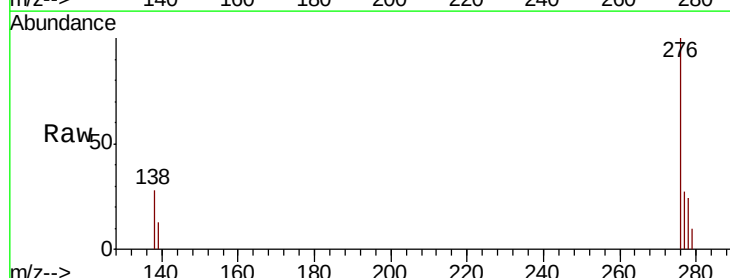
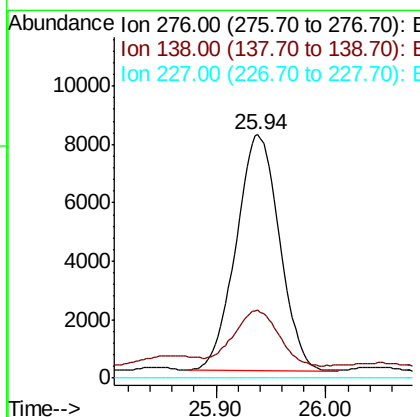
RT: 25.94 min Scan# 6908

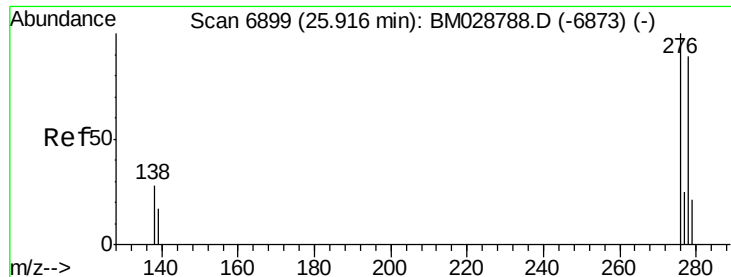
Delta R.T. 0.03 min

Lab File: BM028792.D

Acq: 18 Feb 2021 12:25

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.4	0.0	0.0#
227	0.0	0.0	0.0





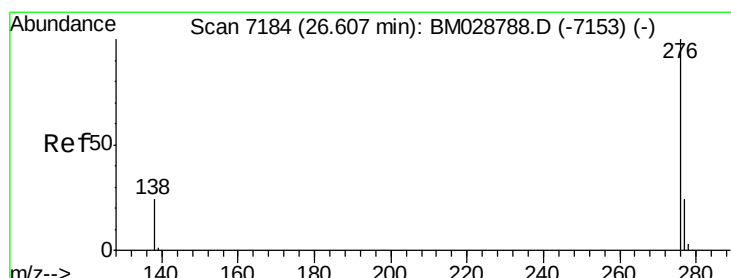
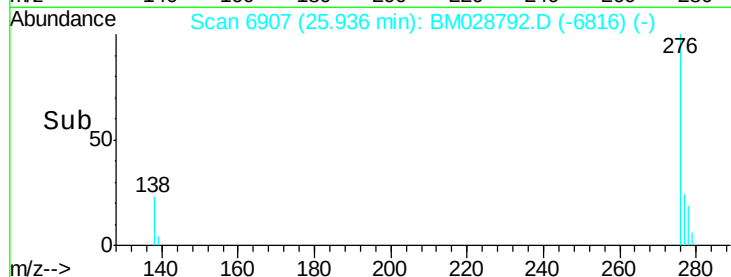
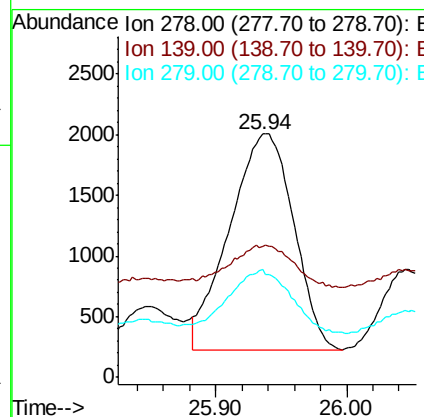
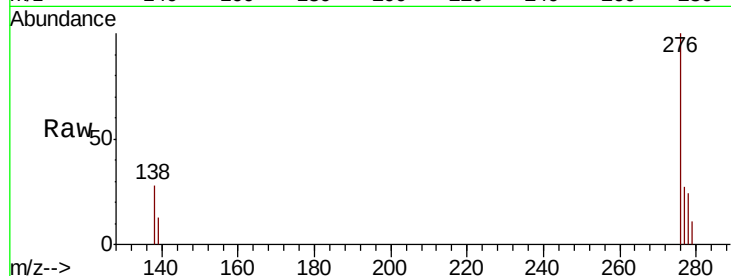
#25
Dibenzo(a,h)anthracene
Concen: 0.911 ng/ul
RT: 25.94 min Scan# 6907
Delta R.T. 0.02 min
Lab File: BM028792.D
Acq: 18 Feb 2021 12:25

Instrument :
BNA_M
ClientSampleId :
DBGZ1

Tot Ion	Ratio	Lower	Upper
278	100		
139	54.0	24.9	37.3#
279	44.1	28.3	42.5#

Manual Integrations
APPROVED

mohammad
2/19/2021 1:19:34 PM



#26
Benzo(g,h,i)perylene
Concen: 2.976 ng/ul
RT: 26.64 min Scan# 7196
Delta R.T. 0.03 min
Lab File: BM028792.D
Acq: 18 Feb 2021 12:25

Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.8	25.4	38.2
277	27.1	25.3	37.9

