

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100821\
 Data File : BM032368.D
 Acq On : 07 Oct 2021 22:10
 Operator : CG/JU
 Sample : M3879-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW408

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Quant Time: Oct 08 03:35:50 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM092721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 07 15:38:40 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.626	152	6553	0.40	ng/ul	0.00
4) Naphthalene-d8	10.411	136	22645	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.270	164	12455	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.995	188	25617	0.40	ng/ul	0.00
17) Chrysene-d12	21.159	240	20461	0.40	ng/ul	0.00
23) Perylene-d12	23.302	264	18667	0.40	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.968	96	12682	1.80	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.003	152	5158	0.17	ng/ul	0.00
18) Fluoranthene-d10	19.015	212	11287	0.20	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.460	128	3276	0.05	ng/ul#	93
7) 2-Methylnaphthalene	12.079	142	1818	0.04	ng/ul	99
8) 1-Methylnaphthalene	12.300	142	1382	0.03	ng/ul	100
15) Phenanthrene	17.036	178	10225	0.12	ng/ul	97
16) Anthracene	17.123	178	1443	0.02	ng/ul#	84
19) Fluoranthene	19.046	202	26573	0.31	ng/ul	98
20) Pyrene	19.408	202	25386	0.30	ng/ul	100
21) Benzo(a)anthracene	21.142	228	8309	0.11	ng/ul	96
22) Chrysene	21.193	228	15055	0.18	ng/ul	98
24) Benzo(b)fluoranthene	22.668	252	21350m	0.22	ng/ul	
25) Benzo(k)fluoranthene	22.701	252	8136m	0.09	ng/ul	
26) Benzo(a)pyrene	23.208	252	11899	0.16	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	25.420	276	10108	0.11	ng/ul#	89
28) Dibenzo(a,h)anthracene	25.417	278	2178	0.03	ng/ul#	42
29) Benzo(g,h,i)perylene	26.069	276	9514	0.11	ng/ul	95

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

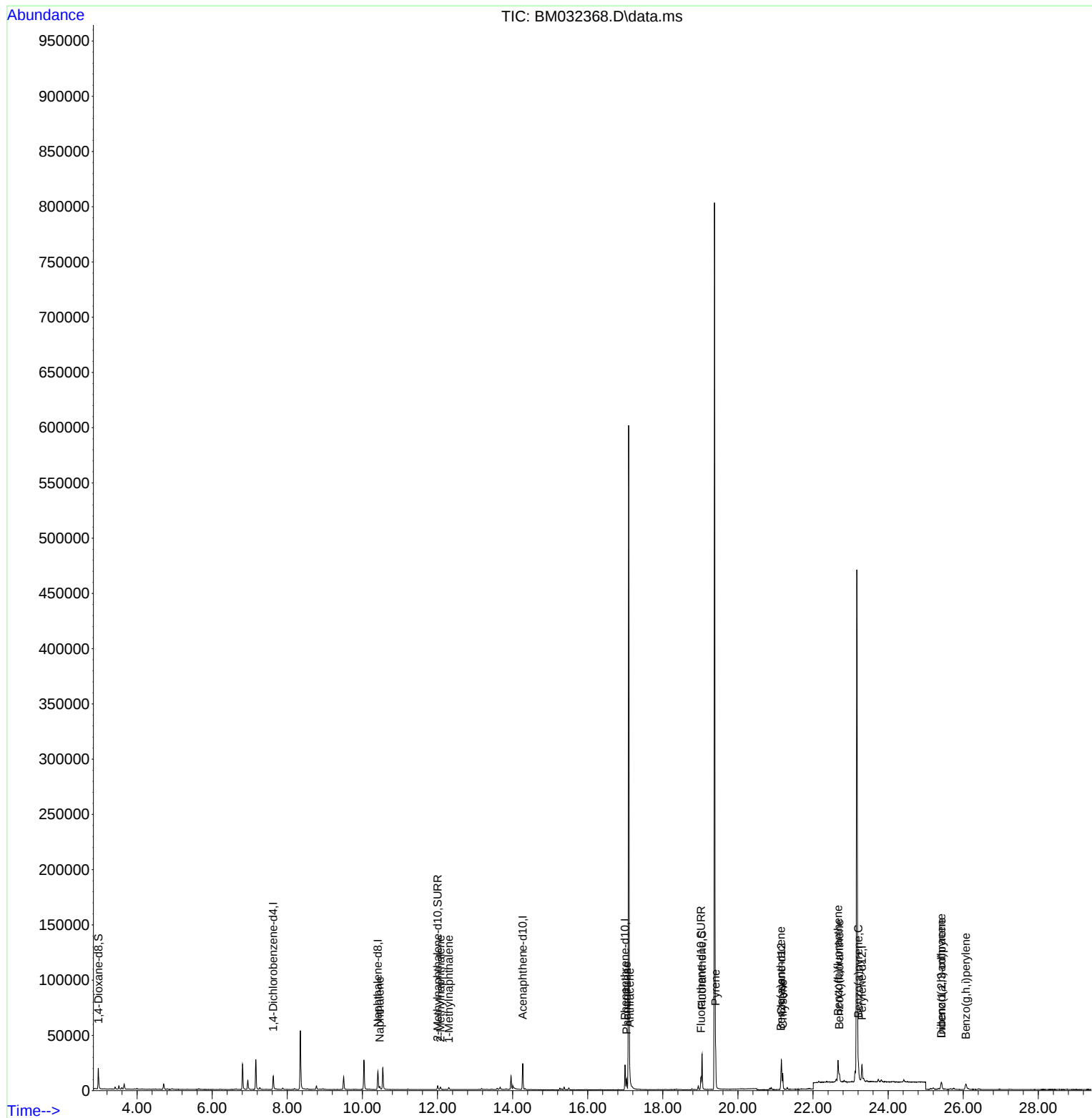
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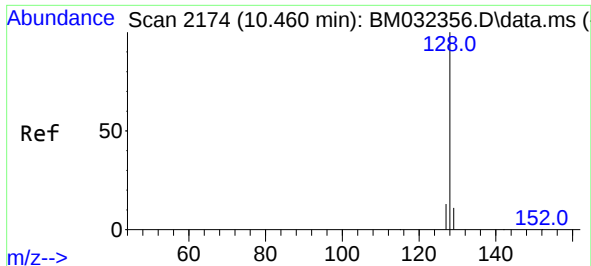
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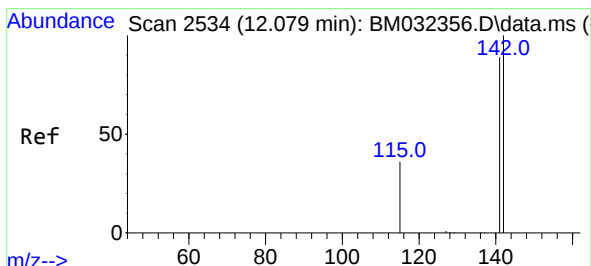
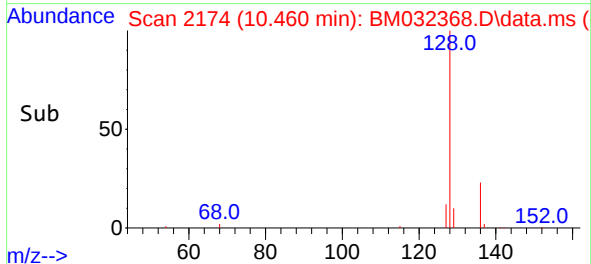
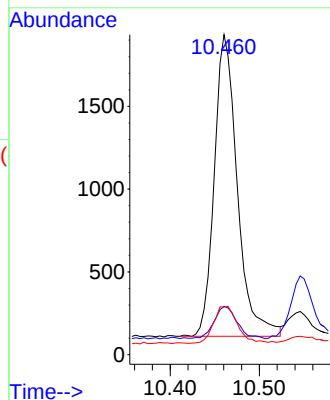
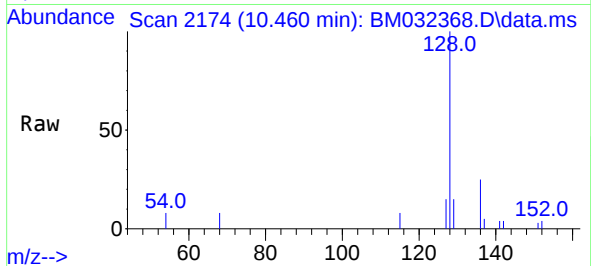
#5
Naphthalene
Concen: 0.05 ng/ul
RT: 10.460 min Scan# 2174
Delta R.T. -0.000 min
Lab File: BM032368.D
Acq: 07 Oct 2021 22:10

Tgt Ion:128 Resp: 3276
Ion Ratio Lower Upper
128 100
129 15.1 9.0 13.4#
127 14.9 10.5 15.7

Instrument :
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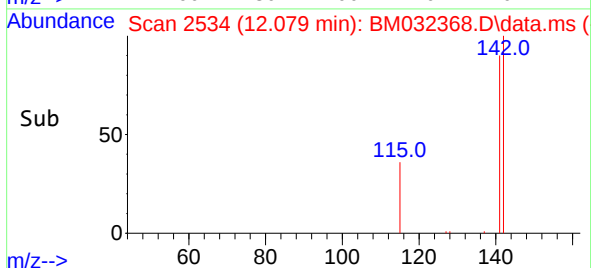
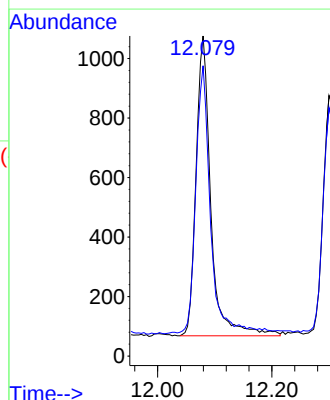
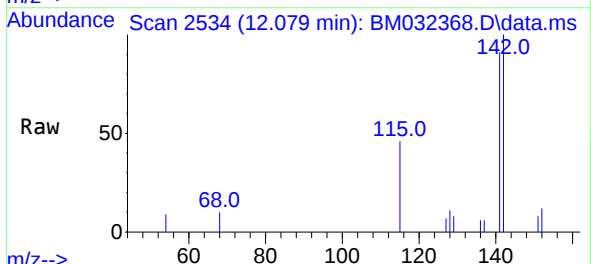
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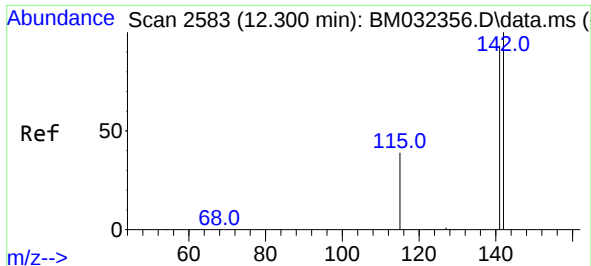
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#7
2-Methylnaphthalene
Concen: 0.04 ng/ul
RT: 12.079 min Scan# 2534
Delta R.T. -0.000 min
Lab File: BM032368.D
Acq: 07 Oct 2021 22:10

Tgt Ion:142 Resp: 1818
Ion Ratio Lower Upper
142 100
141 90.3 71.2 106.8





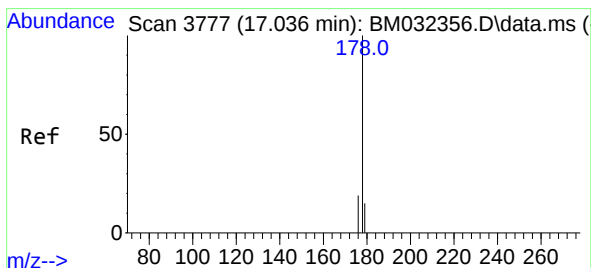
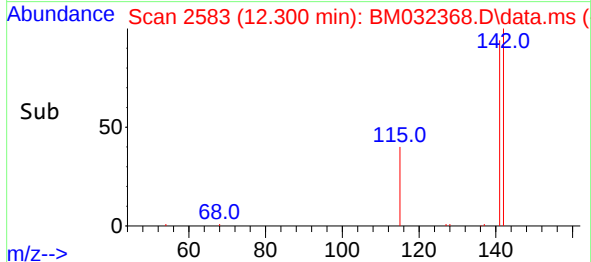
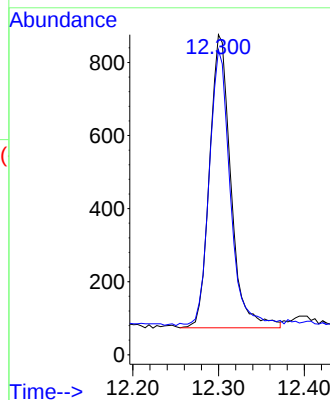
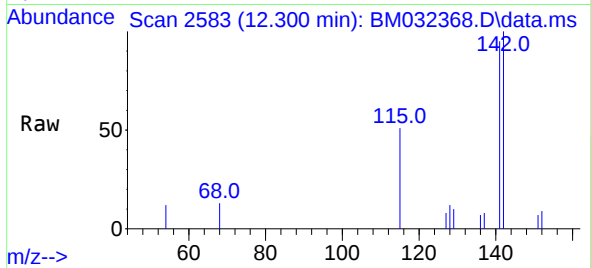
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1-Methylnaphthalene
Concen: 0.03 ng/ul
RT: 12.300 min Scan# 2583
Delta R.T. -0.000 min
Lab File: BM032368.D
Acq: 07 Oct 2021 22:10

Tgt Ion:142 Resp: 1382
Ion Ratio Lower Upper
142 100
141 92.5 73.8 110.6

Instrument :
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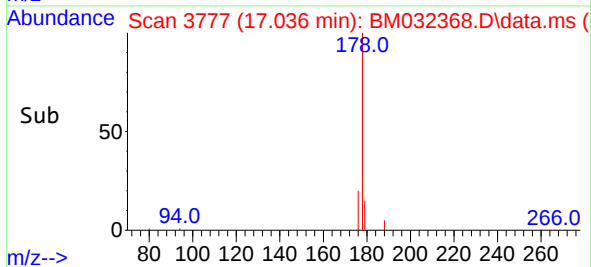
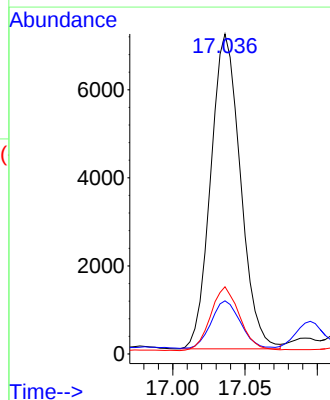
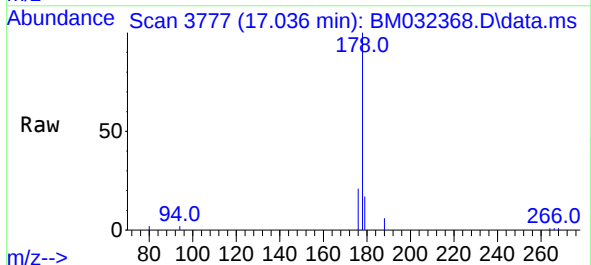
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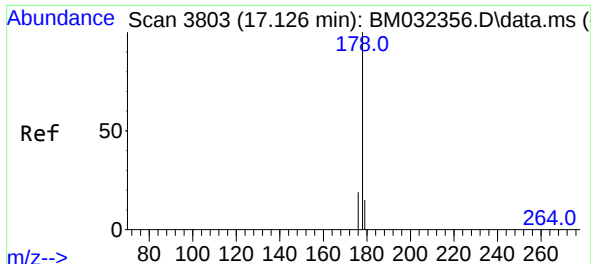
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#15
Phenanthrene
Concen: 0.12 ng/ul
RT: 17.036 min Scan# 3777
Delta R.T. -0.000 min
Lab File: BM032368.D
Acq: 07 Oct 2021 22:10

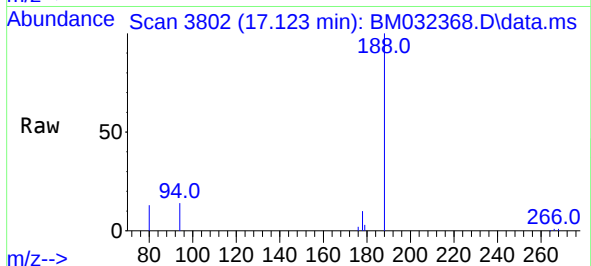
Tgt Ion:178 Resp: 10225
Ion Ratio Lower Upper
178 100
179 16.6 12.6 18.8
176 21.0 15.8 23.6





#16
 Anthracene
 Concen: 0.02 ng/ul
 RT: 17.123 min Scan# 3802
 Delta R.T. -0.003 min
 Lab File: BM032368.D
 Acq: 07 Oct 2021 22:10

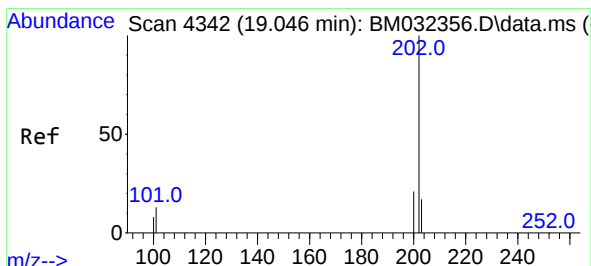
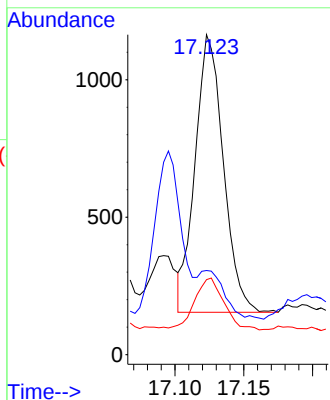
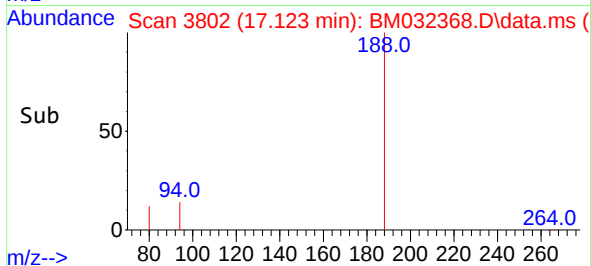
Instrument :
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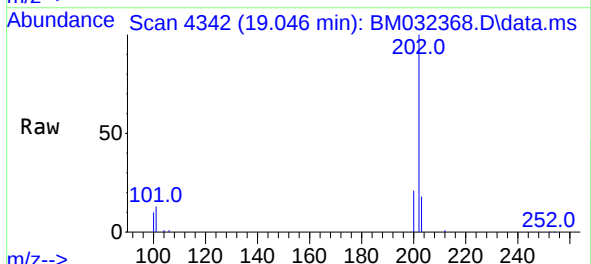
Tgt Ion:	178	Resp:	1443
Ion	Ratio	Lower	Upper
178	100		
179	26.3	12.7	19.1#
176	23.5	15.3	22.9#

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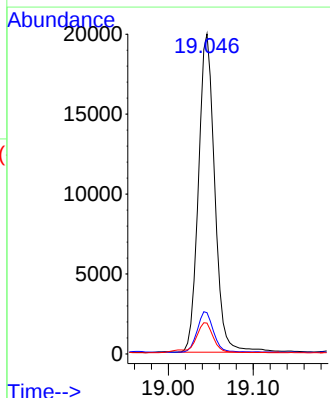
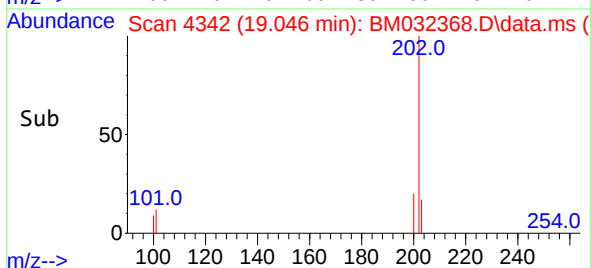
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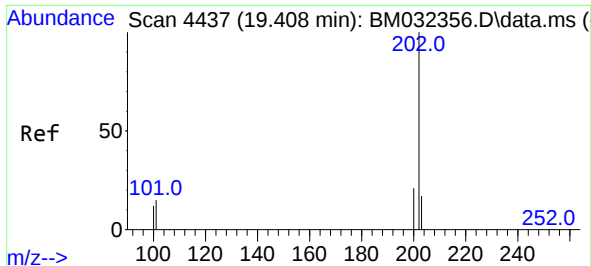


#19
 Fluoranthene
 Concen: 0.31 ng/ul
 RT: 19.046 min Scan# 4342
 Delta R.T. -0.000 min
 Lab File: BM032368.D
 Acq: 07 Oct 2021 22:10

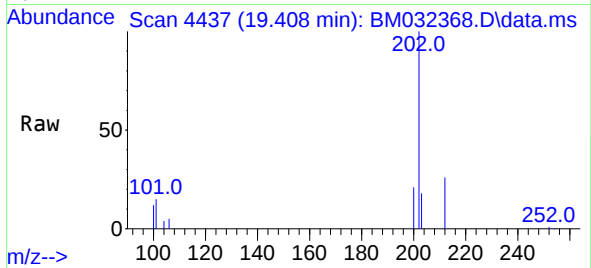


Tgt Ion:	202	Resp:	26573
Ion	Ratio	Lower	Upper
202	100		
101	12.9	9.8	14.8
100	9.7	7.2	10.8

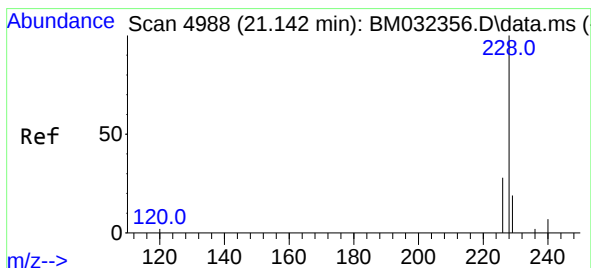
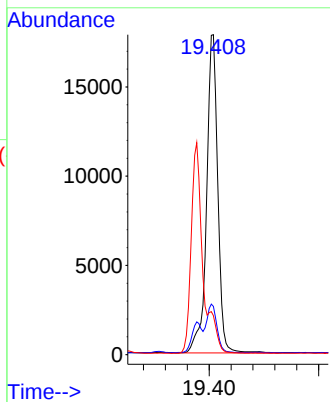
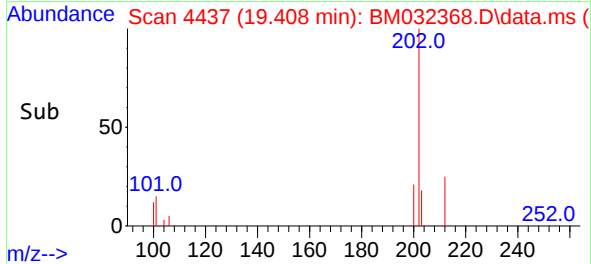




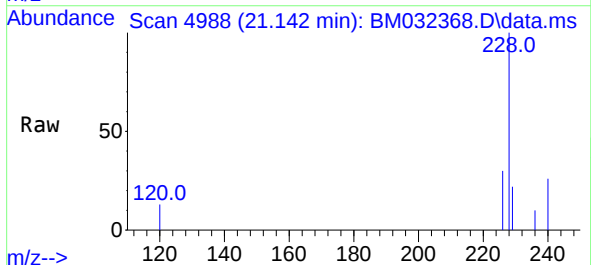
#20
Pyrene
Concen: 0.30 ng/ul
RT: 19.408 min Scan# 4437
Delta R.T. -0.000 min
Lab File: BM032368.D
Acq: 07 Oct 2021 22:10



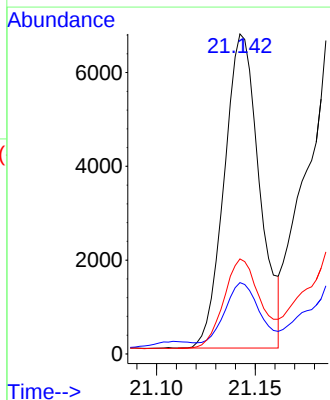
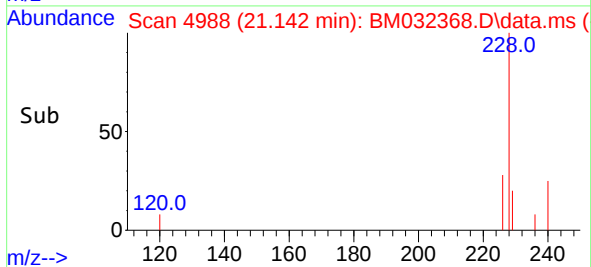
Tgt Ion:202 Resp: 25386
Ion Ratio Lower Upper
202 100
101 15.1 12.1 18.1
100 12.2 9.8 14.6



#21
Benzo(a)anthracene
Concen: 0.11 ng/ul
RT: 21.142 min Scan# 4988
Delta R.T. 0.000 min
Lab File: BM032368.D
Acq: 07 Oct 2021 22:10



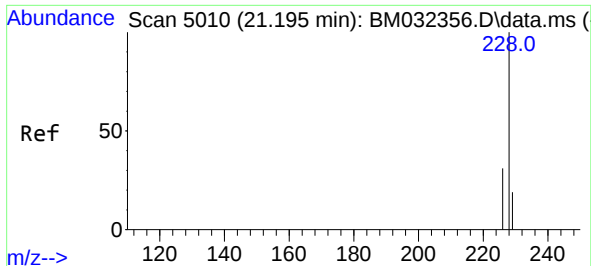
Tgt Ion:228 Resp: 8309
Ion Ratio Lower Upper
228 100
229 22.3 16.0 24.0
226 29.7 22.3 33.5



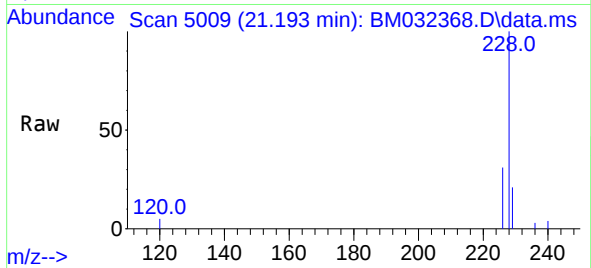
Instrument :
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ClientSampled :
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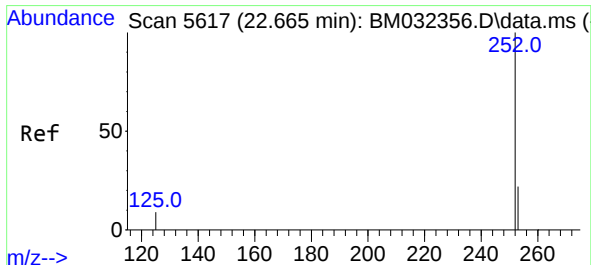
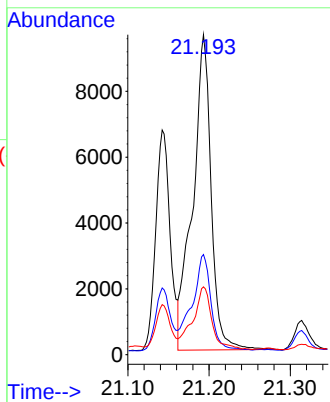
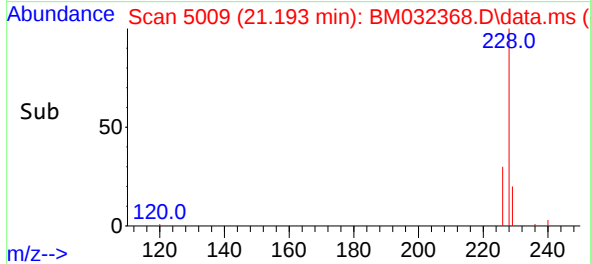
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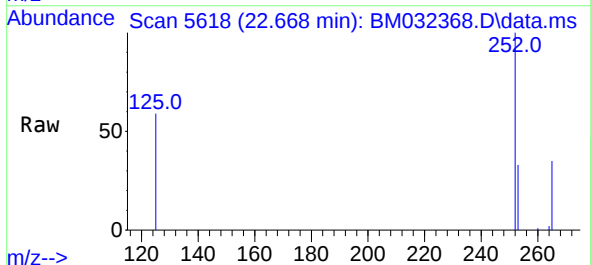
#22
Chrysene
Concen: 0.18 ng/u1
RT: 21.193 min Scan# 5009
Delta R.T. -0.002 min
Lab File: BM032368.D
Acq: 07 Oct 2021 22:10



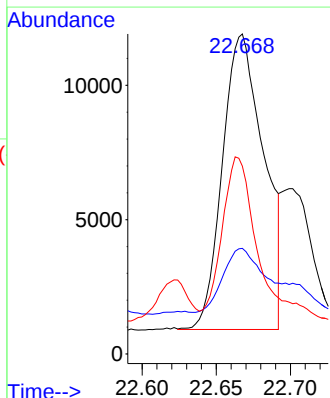
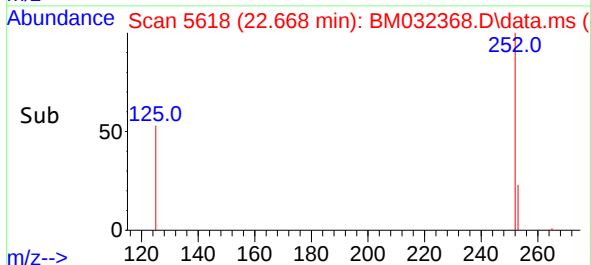
Tgt Ion:228 Resp: 15055
Ion Ratio Lower Upper
228 100
226 31.3 24.6 37.0
229 21.2 15.6 23.4



#24
Benzo(b)fluoranthene
Concen: 0.22 ng/u1 m
RT: 22.668 min Scan# 5618
Delta R.T. 0.002 min
Lab File: BM032368.D
Acq: 07 Oct 2021 22:10



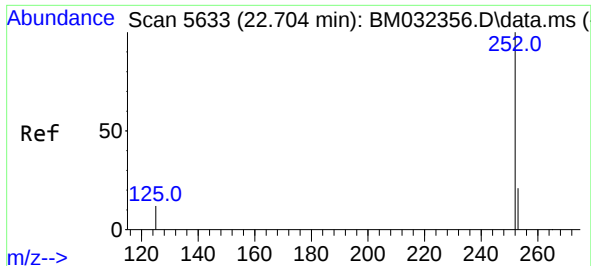
Tgt Ion:252 Resp: 21350
Ion Ratio Lower Upper
252 100
253 33.0 0.0 58.0
125 58.7 0.0 31.4#



Instrument :
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ClientSampled :
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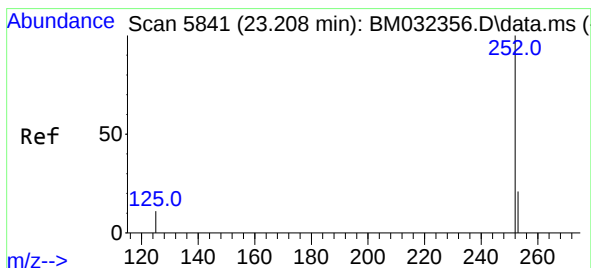
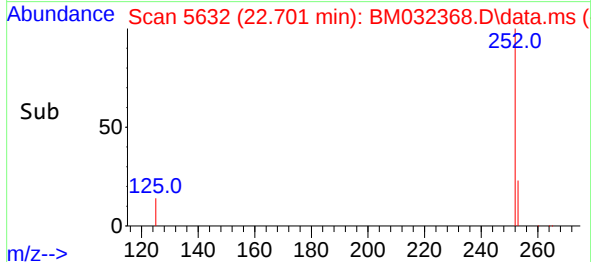
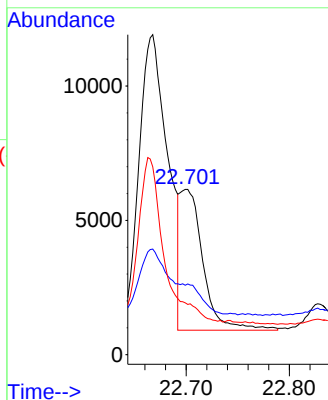
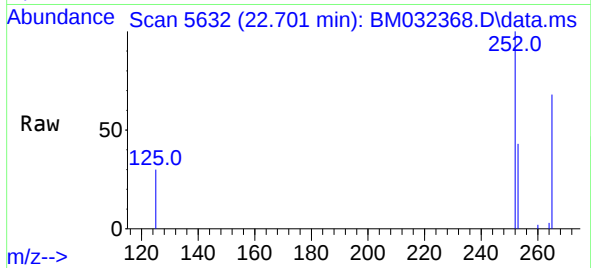
#25
Benzo(k)fluoranthene
Concen: 0.09 ng/ul m
RT: 22.701 min Scan# 5632
Delta R.T. -0.002 min
Lab File: BM032368.D
Acq: 07 Oct 2021 22:10

Tgt Ion:252 Resp: 8136
Ion Ratio Lower Upper
252 100
253 42.8 22.9 34.3#
125 30.4 12.9 19.3#

Instrument :
BNA_M
ClientSampled :
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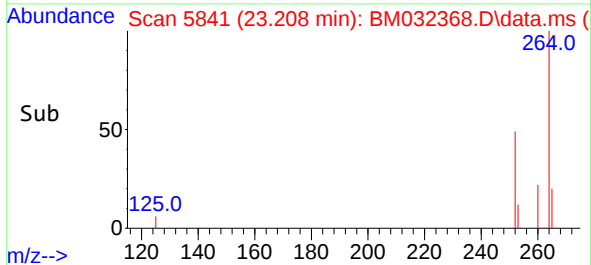
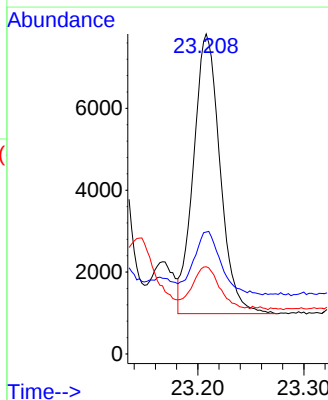
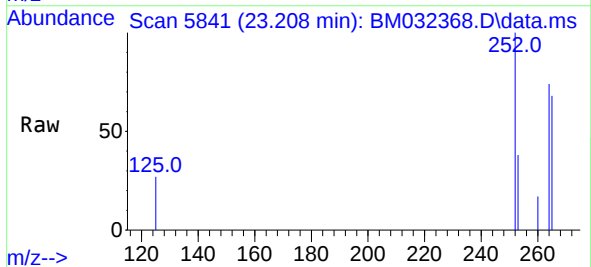
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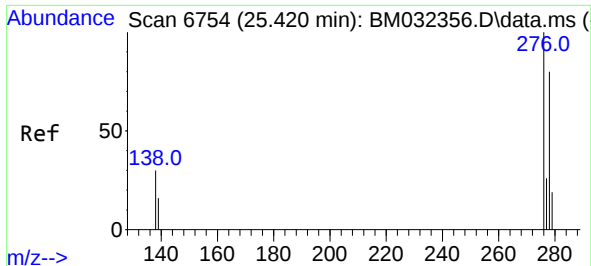
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#26
Benzo(a)pyrene
Concen: 0.16 ng/ul
RT: 23.208 min Scan# 5841
Delta R.T. -0.000 min
Lab File: BM032368.D
Acq: 07 Oct 2021 22:10

Tgt Ion:252 Resp: 11899
Ion Ratio Lower Upper
252 100
253 38.1 25.8 38.8
125 27.2 15.4 23.2#





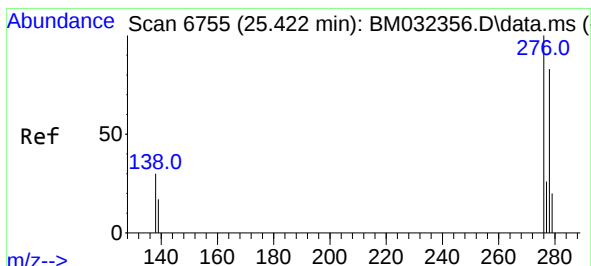
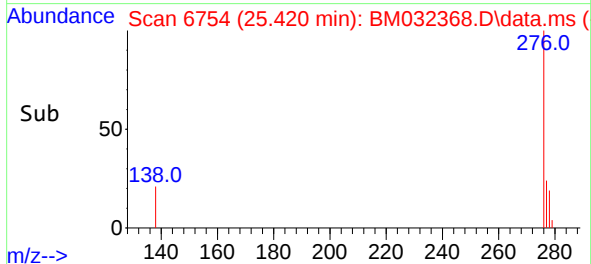
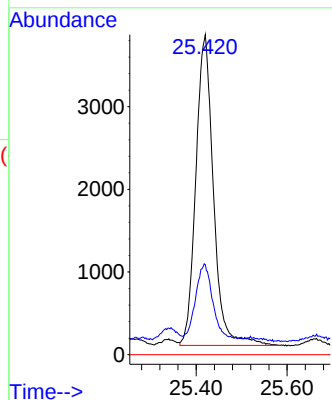
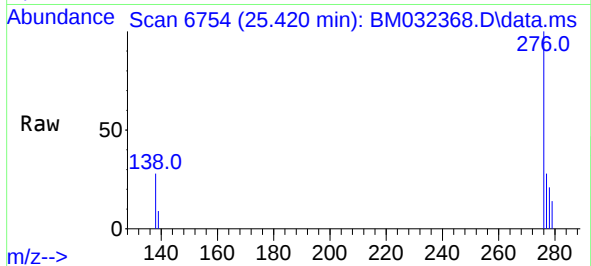
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.11 ng/ul
RT: 25.420 min Scan# 6754
Delta R.T. -0.000 min
Lab File: BM032368.D
Acq: 07 Oct 2021 22:10

Tgt Ion: 276 Resp: 10108
Ion Ratio Lower Upper
276 100
138 24.7 24.3 36.5
227 0.0 0.0 0.0

Instrument :
BNA_M
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EW408

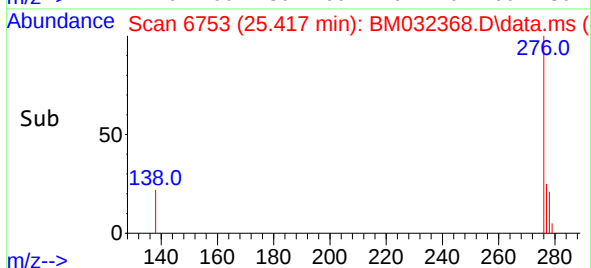
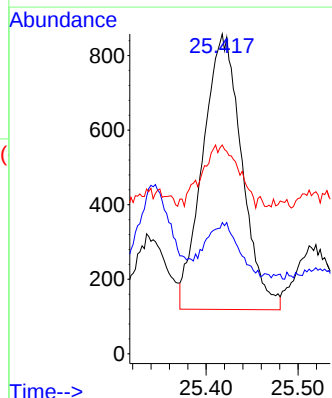
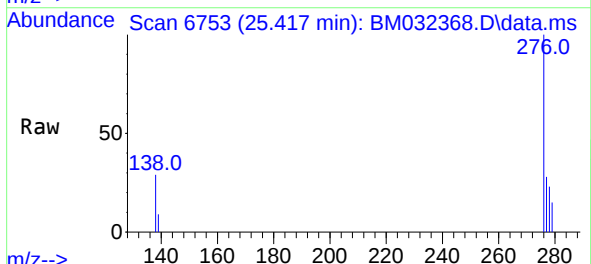
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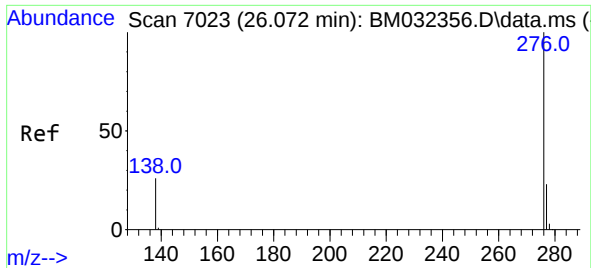
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#28
Dibenzo(a,h)anthracene
Concen: 0.03 ng/ul
RT: 25.417 min Scan# 6753
Delta R.T. -0.005 min
Lab File: BM032368.D
Acq: 07 Oct 2021 22:10

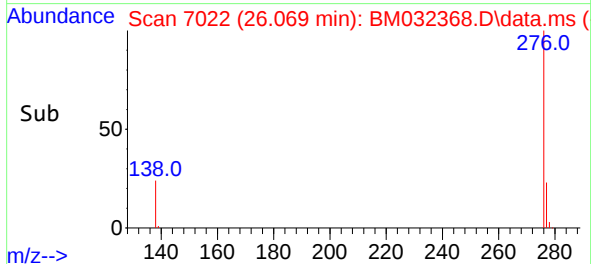
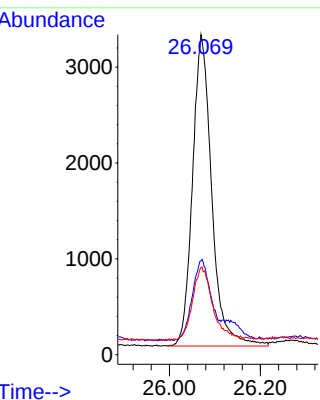
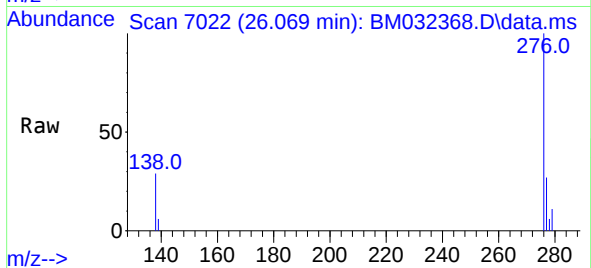
Tgt Ion: 278 Resp: 2178
Ion Ratio Lower Upper
278 100
139 41.0 16.6 24.8#
279 65.3 23.0 34.6#





#29
Benzo(g,h,i)perylene
Concen: 0.11 ng/ul
RT: 26.069 min Scan# 7022
Delta R.T. -0.002 min
Lab File: BM032368.D
Acq: 07 Oct 2021 22:10

Tgt Ion:	276	Resp:	9514
Ion	Ratio	Lower	Upper
276	100		
138	29.3	21.0	31.4
277	27.3	19.8	29.8



Instrument :
BNA_M
ClientSampleId :
EW408

Manual Integrations
APPROVED

mohammad
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