

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021721\
 Data File : BM028785.D
 Acq On : 17 Feb 2021 23:06
 Operator : CG/JU
 Sample : M1379-22
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBH17

Manual Integrations
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Quant Time: Feb 18 05:31:44 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 : Thu Feb 18 04:11:41 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	2358	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.54	164	1361	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.28	188	2663	0.40	ng/ul	0.00
16) Chrysene-d12	21.43	240	2387	0.40	ng/ul	0.00
20) Perylene-d12	23.66	264	2268	0.40	ng/ul	0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	633	0.19	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	1362	0.20	ng/ul	0.00
Target Compounds				Ovalue		
12) Phenanthrene	17.32	178	724	0.097	ng/ul#	77
15) Fluoranthene	19.32	202	2766	0.326	ng/ul	98
17) Pyrene	19.68	202	2751	0.317	ng/ul	98
18) Benzo(a)anthracene	21.41	228	1057	0.130	ng/ul#	67
19) Chrysene	21.46	228	1868	0.231	ng/ul#	77
21) Benzo(b)fluoranthene	22.99	252	2576m	0.332	ng/ul	
22) Benzo(k)fluoranthene	23.03	252	955m	0.123	ng/ul	
23) Benzo(a)pyrene	23.56	252	1464	0.212	ng/ul#	37
24) Indeno(1,2,3-cd)pyrene	25.92	276	1295	0.144	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.92	278	317	0.042	ng/ul#	1
26) Benzo(g,h,i)perylene	26.61	276	1197	0.160	ng/ul#	64

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

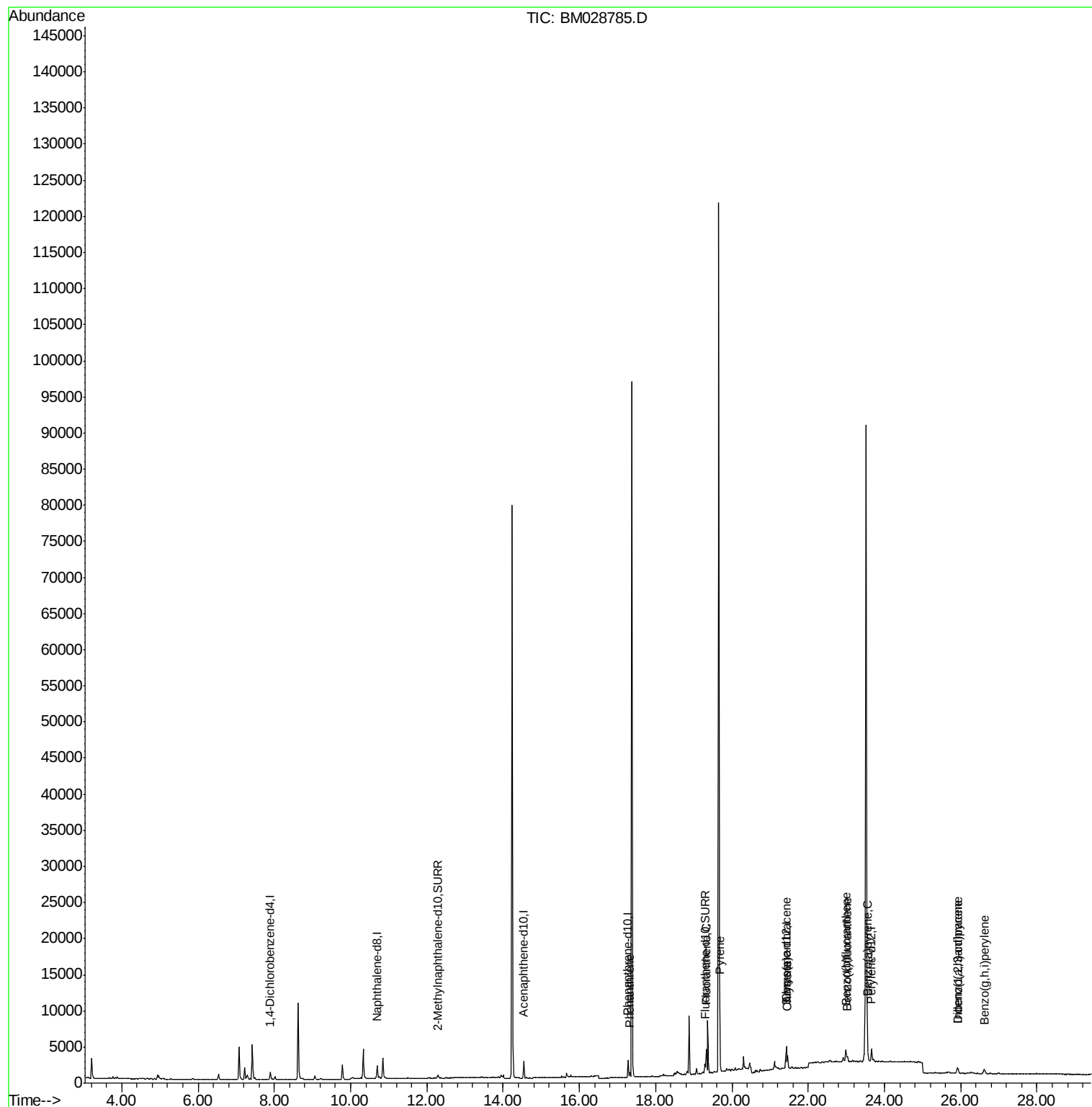
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021721\
Data File : BM028785.D
Acq On : 17 Feb 2021 23:06
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Misc :
ALS Vial : 22 Sample Multiplier: 1

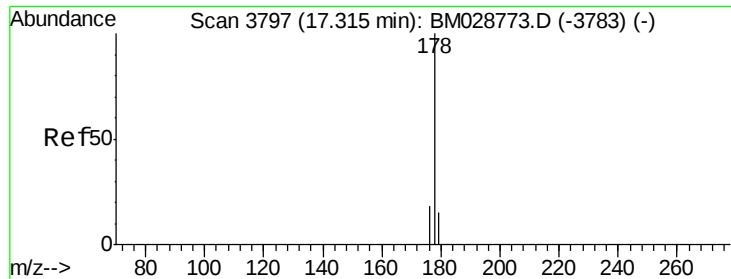
Instrument :
BNA_M
ClientSampleId :
DBH17

Quant Time: Feb 18 05:31:44 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM020521.M
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Response via : Initial Calibration

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#12

Phenanthrene

Concen: 0.097 ng/ul

RT: 17.32 min Scan# 3798

Delta R.T. 0.00 min

Lab File: BM028785.D

Acq: 17 Feb 2021 23:06

Instrument :

BNA_M

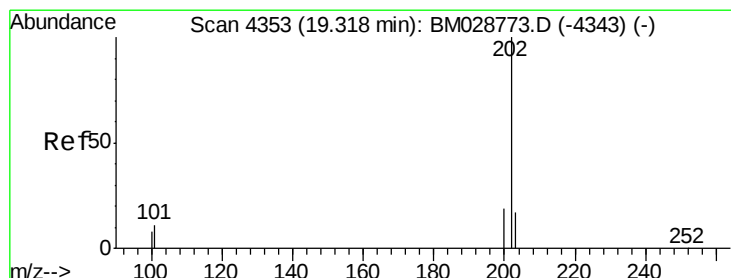
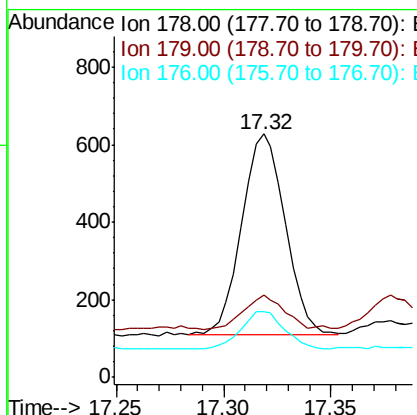
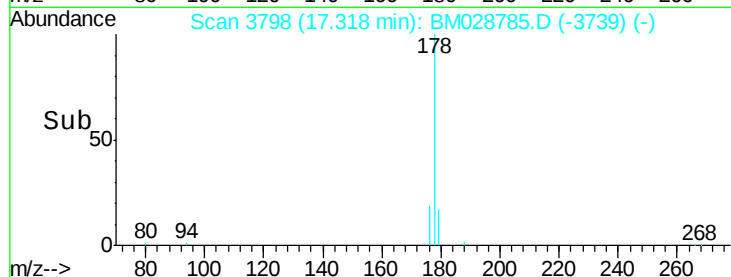
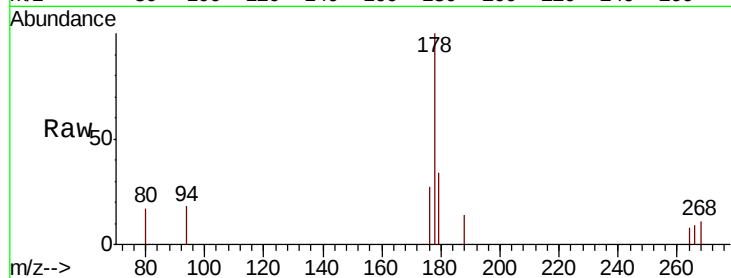
ClientSampleId :

DBH17

Tot Ion:178	Resp:	724
Ion Ratio	Lower	Upper
178	100	
179	33.8	14.7 22.1#
176	26.9	16.7 25.1#

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#15

Fluoranthene

Concen: 0.326 ng/ul

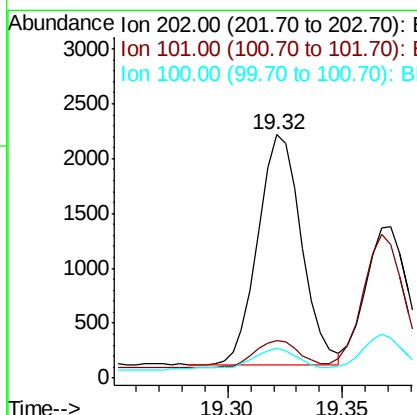
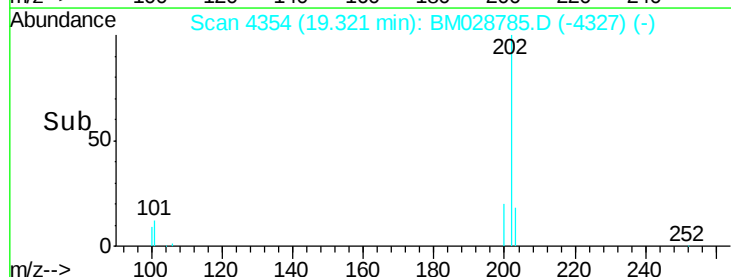
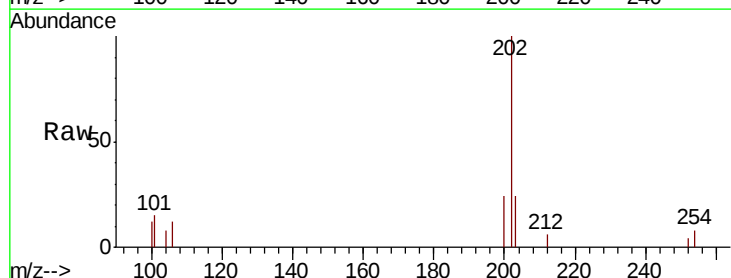
RT: 19.32 min Scan# 4354

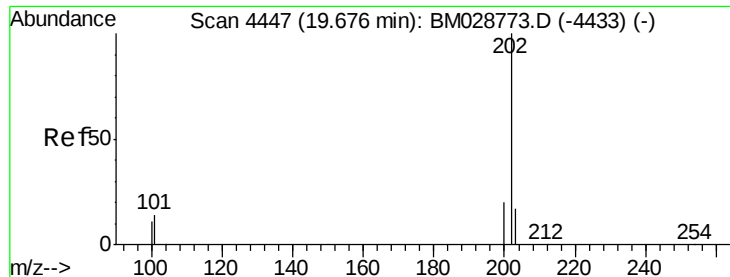
Delta R.T. 0.00 min

Lab File: BM028785.D

Acq: 17 Feb 2021 23:06

Tgt Ion:202	Resp:	2766
Ion Ratio	Lower	Upper
202	100	
101	15.4	0.0 34.5
100	12.4	0.0 31.7





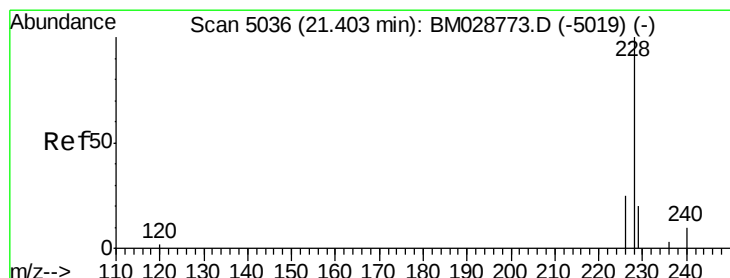
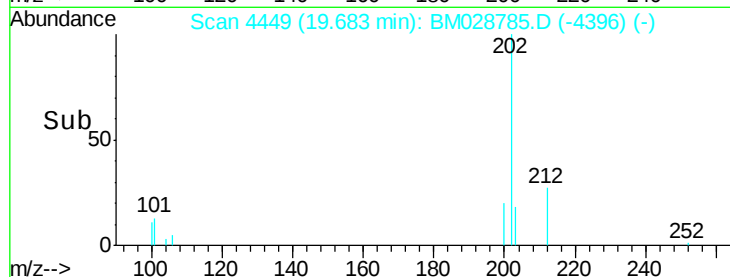
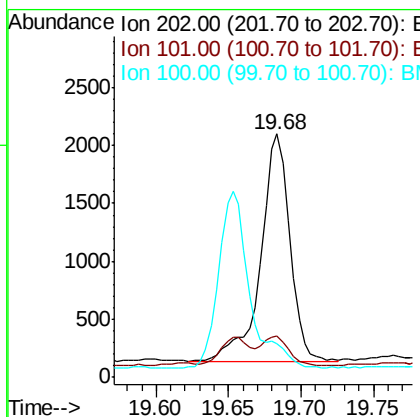
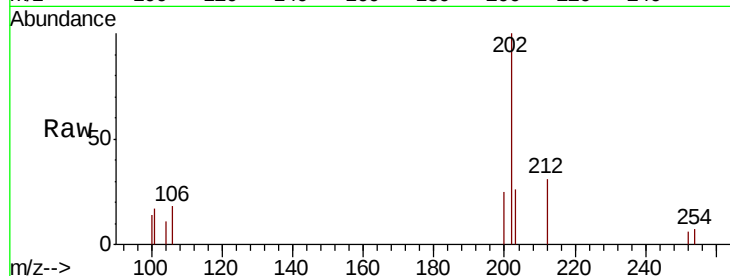
#17
Pvrene
Concen: 0.317 ng/ul
RT: 19.68 min Scan# 4449
Delta R.T. 0.00 min
Lab File: BM028785.D
Acq: 17 Feb 2021 23:06

Instrument :
BNA_M
ClientSampleId :
DBH17

Tot Ion	Ratio	Lower	Upper
202	100		
101	16.8	12.7	19.1
100	14.0	10.2	15.4

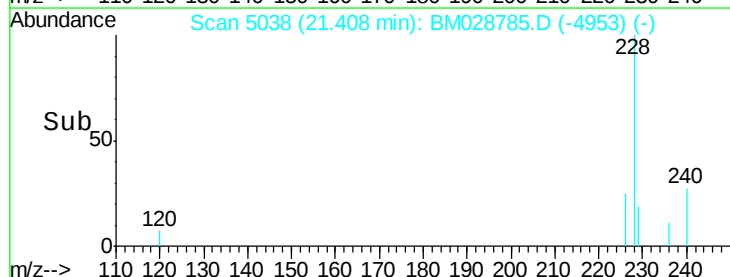
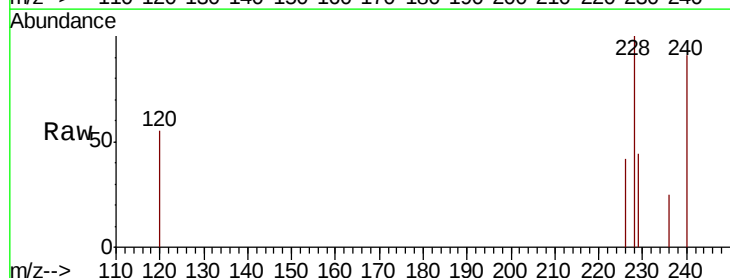
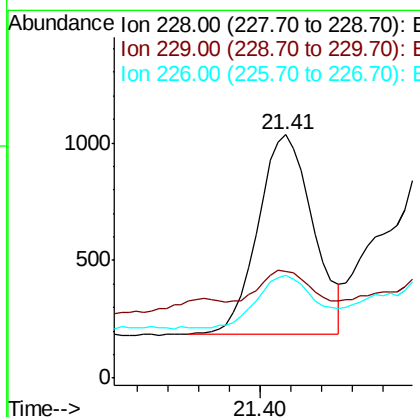
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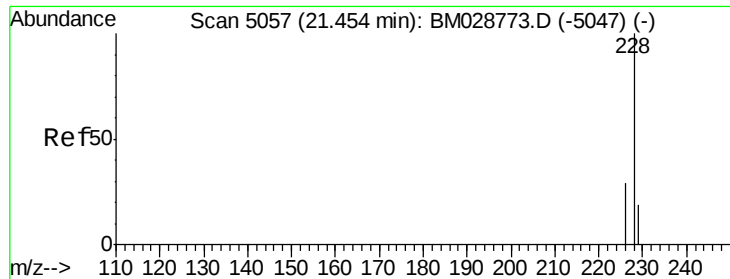
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#18
Benzo(a)anthracene
Concen: 0.130 ng/ul
RT: 21.41 min Scan# 5038
Delta R.T. 0.00 min
Lab File: BM028785.D
Acq: 17 Feb 2021 23:06

Tgt Ion	Ratio	Lower	Upper
228	100		
229	43.7	18.9	28.3#
226	42.2	22.6	34.0#





#19

Chrysene

Concen: 0.231 ng/ul

RT: 21.46 min Scan# 5059

Delta R.T. 0.00 min

Lab File: BM028785.D

Acq: 17 Feb 2021 23:06

Instrument :

BNA_M

ClientSampleId :

DBH17

Tot Ion:228 Resp: 1868

Ion Ratio Lower Upper

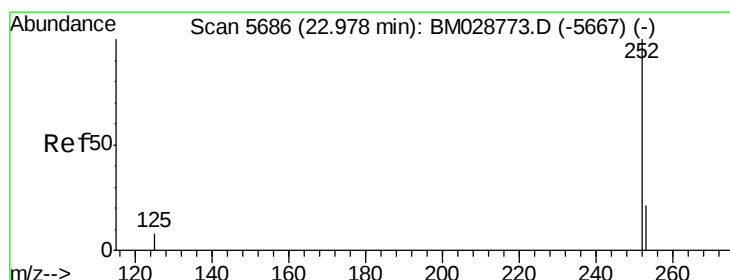
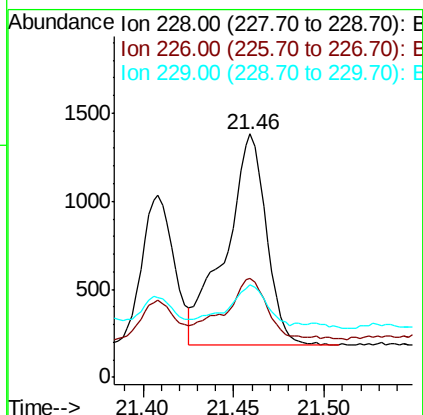
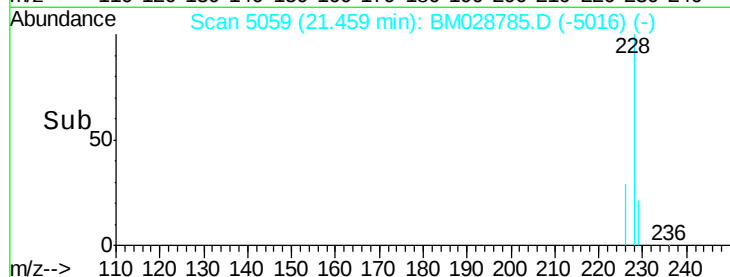
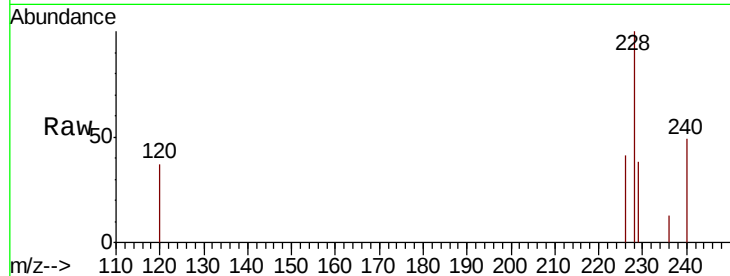
228 100

226 40.7 24.6 37.0#

229 38.1 18.8 28.2#

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#21

Benzo(b)fluoranthene

Concen: 0.332 ng/ul m

RT: 22.99 min Scan# 5690

Delta R.T. 0.01 min

Lab File: BM028785.D

Acq: 17 Feb 2021 23:06

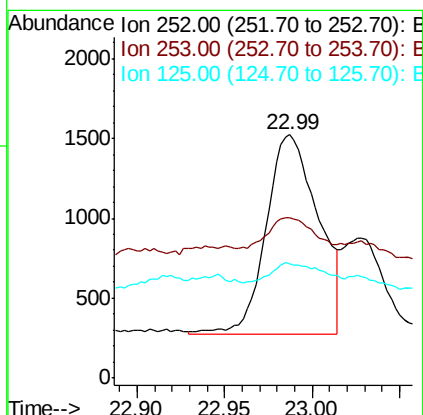
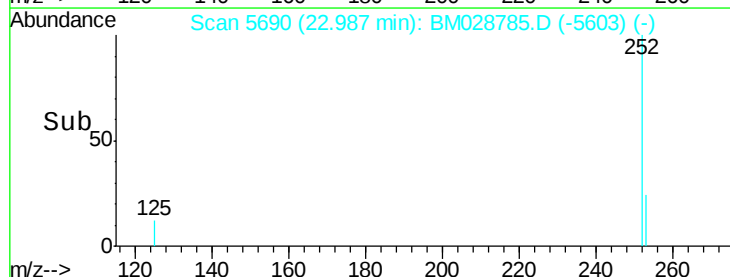
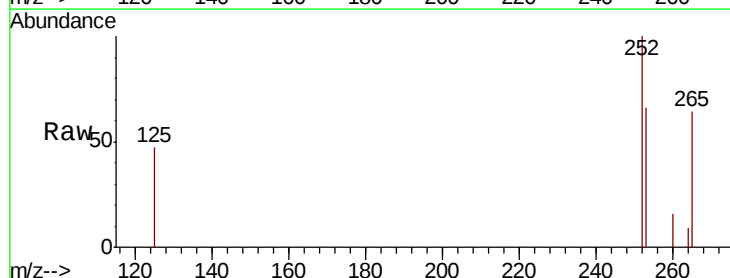
Tgt Ion:252 Resp: 2576

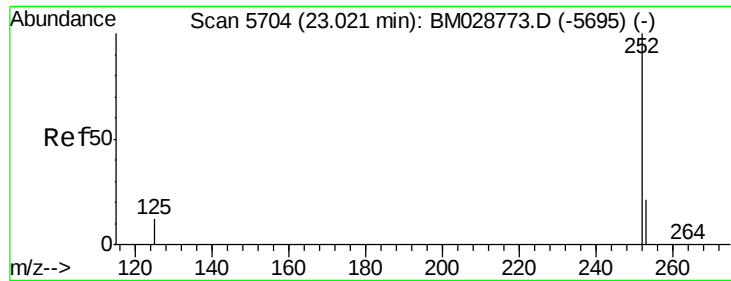
Ion Ratio Lower Upper

252 100

253 65.8 0.0 67.0

125 46.7 0.0 57.4





#22

Benzo(k)fluoranthene

Concen: 0.123 ng/ul m

RT: 23.03 min Scan# 5707

Delta R.T. 0.00 min

Lab File: BM028785.D

Acq: 17 Feb 2021 23:06

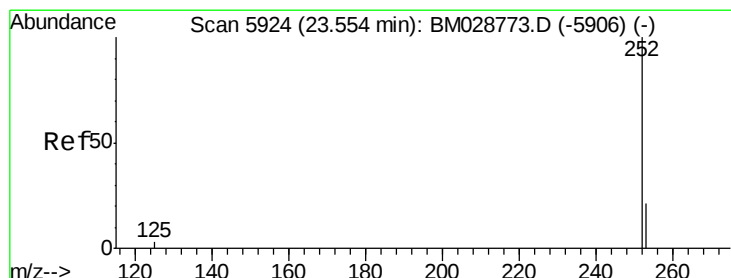
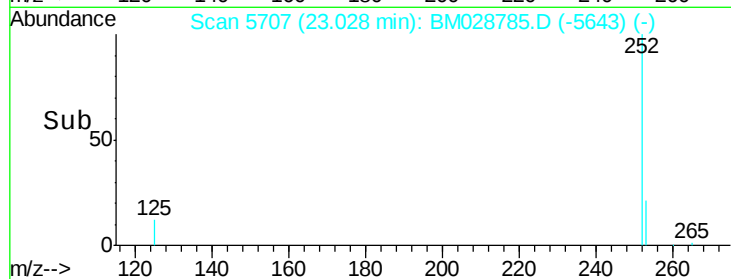
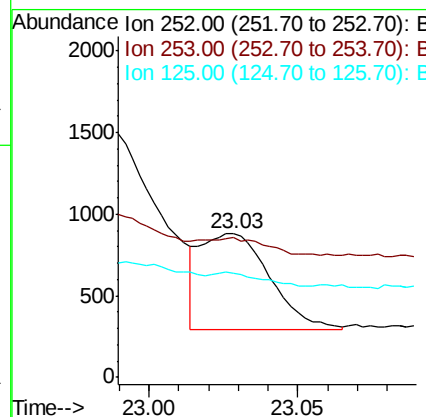
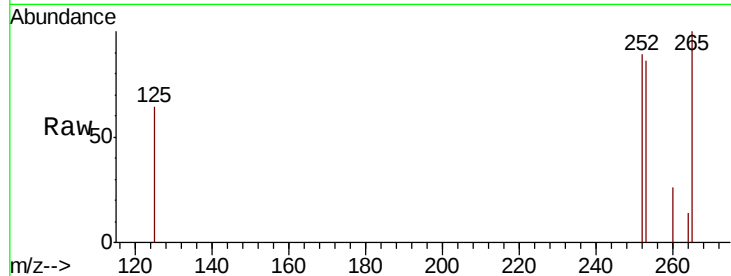
Instrument :
BNA_M

ClientSampled :
DBH17

Tot Ion	Ratio	Lower	Upper
252	100		
253	97.4	26.3	39.5#
125	72.2	22.9	34.3#

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#23

Benzo(a)pyrene

Concen: 0.212 ng/ul

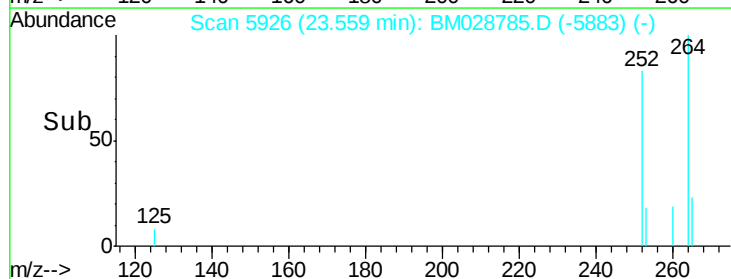
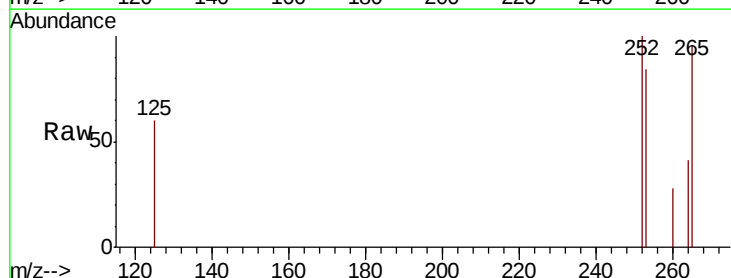
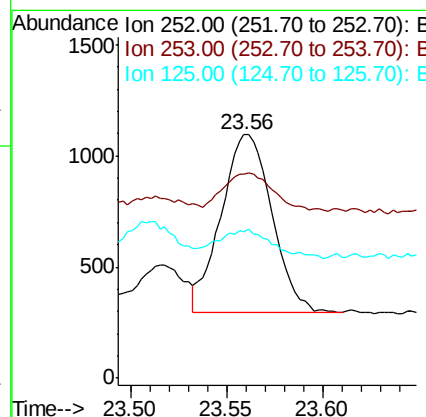
RT: 23.56 min Scan# 5926

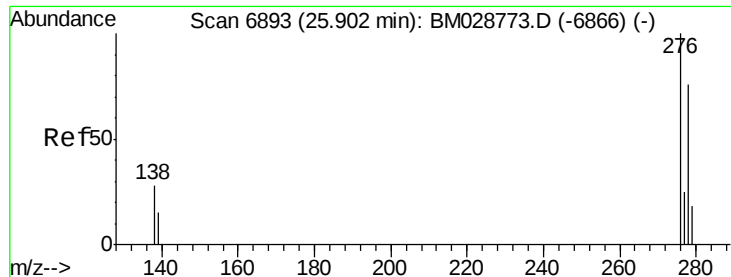
Delta R.T. 0.00 min

Lab File: BM028785.D

Acq: 17 Feb 2021 23:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	83.8	28.7	43.1#
125	60.3	27.9	41.9#





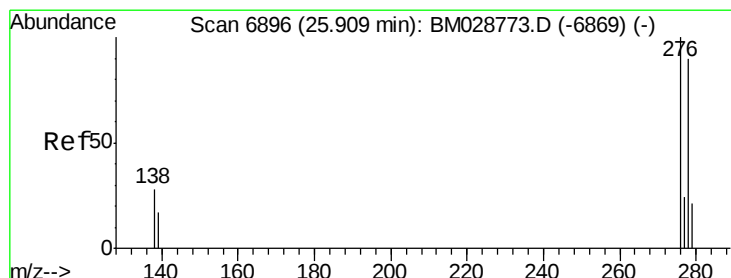
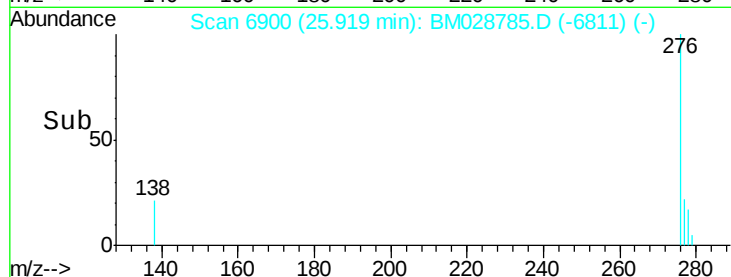
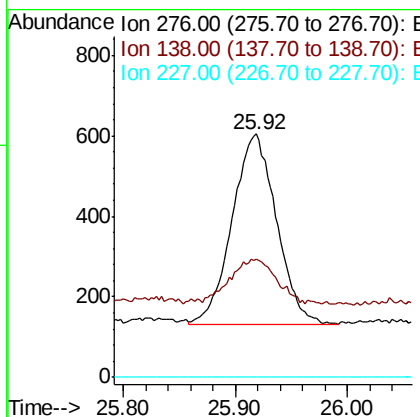
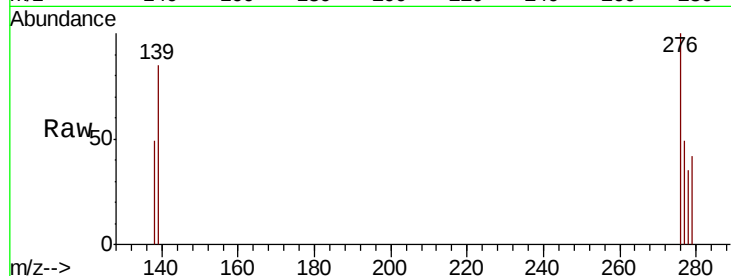
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.144 ng/ul
RT: 25.92 min Scan# 6900
Delta R.T. 0.01 min
Lab File: BM028785.D
Acq: 17 Feb 2021 23:06

Instrument :
BNA_M
ClientSampleId :
DBH17

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.3	0.0	0.0#
227	0.0	0.0	0.0

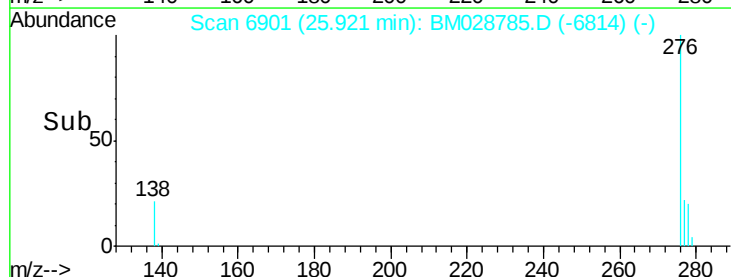
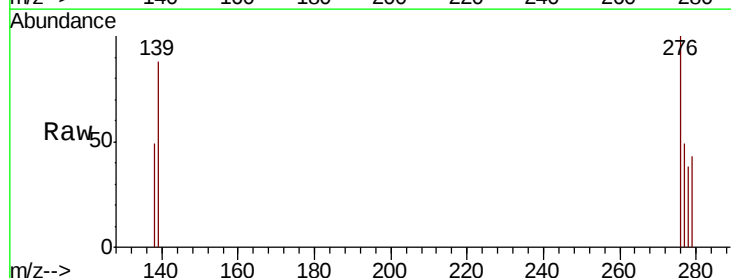
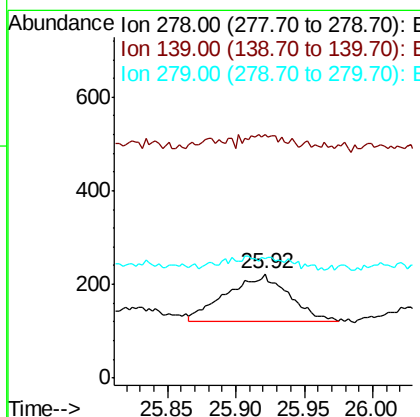
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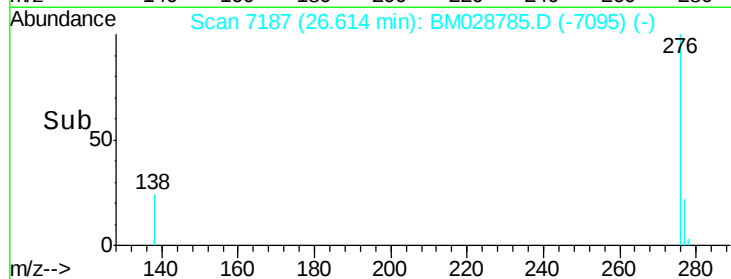
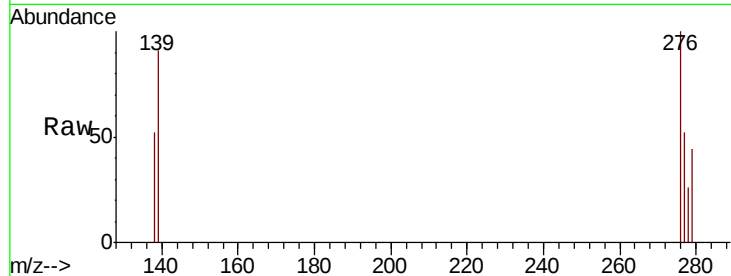
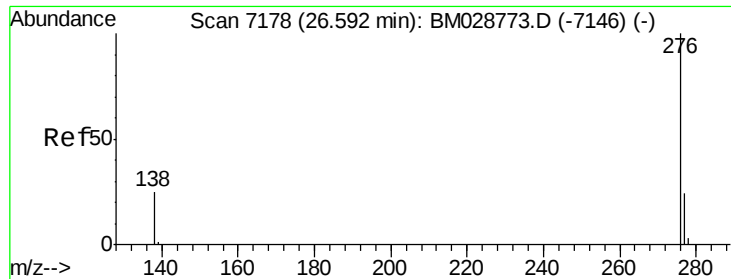
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#25
Dibenzo(a,h)anthracene
Concen: 0.042 ng/ul
RT: 25.92 min Scan# 6901
Delta R.T. 0.01 min
Lab File: BM028785.D
Acq: 17 Feb 2021 23:06

Tgt Ion	Ratio	Lower	Upper
278	100		
139	233.8	24.9	37.3#
279	115.3	28.3	42.5#





#26

Benzo(a,h,i)perylene

Concen: 0.160 ng/ul

RT: 26.61 min Scan# 7187

Delta R.T. 0.02 min

Lab File: BM028785.D

Acq: 17 Feb 2021 23:06

Tot Ion:	276	Resp:	1197
Ion Ratio	Lower	Upper	
276	100		
138	51.9	25.4	38.2#
277	51.7	25.3	37.9#

Instrument :

BNA_M

ClientSampleId :

DBH17

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