

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081519\
 Data File : BM022181.D
 Acq On : 16 Aug 2019 21:53
 Operator : HP/JU
 Sample : K4183-14DL 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AF4DL

Manual Integrations
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Quant Time: Aug 17 05:15:28 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 17 04:19:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	851	0.40	ng/ul	0.00
2) Naphthalene-d8	10.38	136	3697	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	2234	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.01	188	5203	0.40	ng/ul	0.00
16) Chrysene-d12	21.22	240	5218	0.40	ng/ul	0.00
20) Perylene-d12	23.42	264	6040	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	192	0.03	ng/ul	0.03
14) Fluoranthene-d10	19.05	212	526	0.03	ng/ul	0.00
Target Compounds				Ovalue		
7) Acenaphthylene	13.98	152	414	0.040	ng/ul#	59
8) Acenaphthene	14.32	153	1080	0.127	ng/ul	98
9) Fluorene	15.32	166	986	0.104	ng/ul#	97
12) Phenanthrene	17.05	178	16623	1.098	ng/ul	98
13) Anthracene	17.15	178	3353	0.260	ng/ul	98
15) Fluoranthene	19.08	202	43756	2.158	ng/ul	96
17) Pyrene	19.44	202	40428	1.885	ng/ul	98
18) Benzo(a)anthracene	21.20	228	20274	1.086	ng/ul	95
19) Chrysene	21.25	228	24000m	1.000	ng/ul	
21) Benzo(b)fluoranthene	22.76	252	36965m	1.815	ng/ul	
22) Benzo(k)fluoranthene	22.80	252	13748m	0.596	ng/ul	
23) Benzo(a)pyrene	23.33	252	23828	1.150	ng/ul#	90
24) Indeno(1,2,3-cd)pyrene	25.63	276	19719	0.797	ng/ul#	90
25) Dibenzo(a,h)anthracene	25.64	278	4953	0.248	ng/ul#	51
26) Benzo(g,h,i)perylene	26.32	276	18966	0.852	ng/ul	95

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

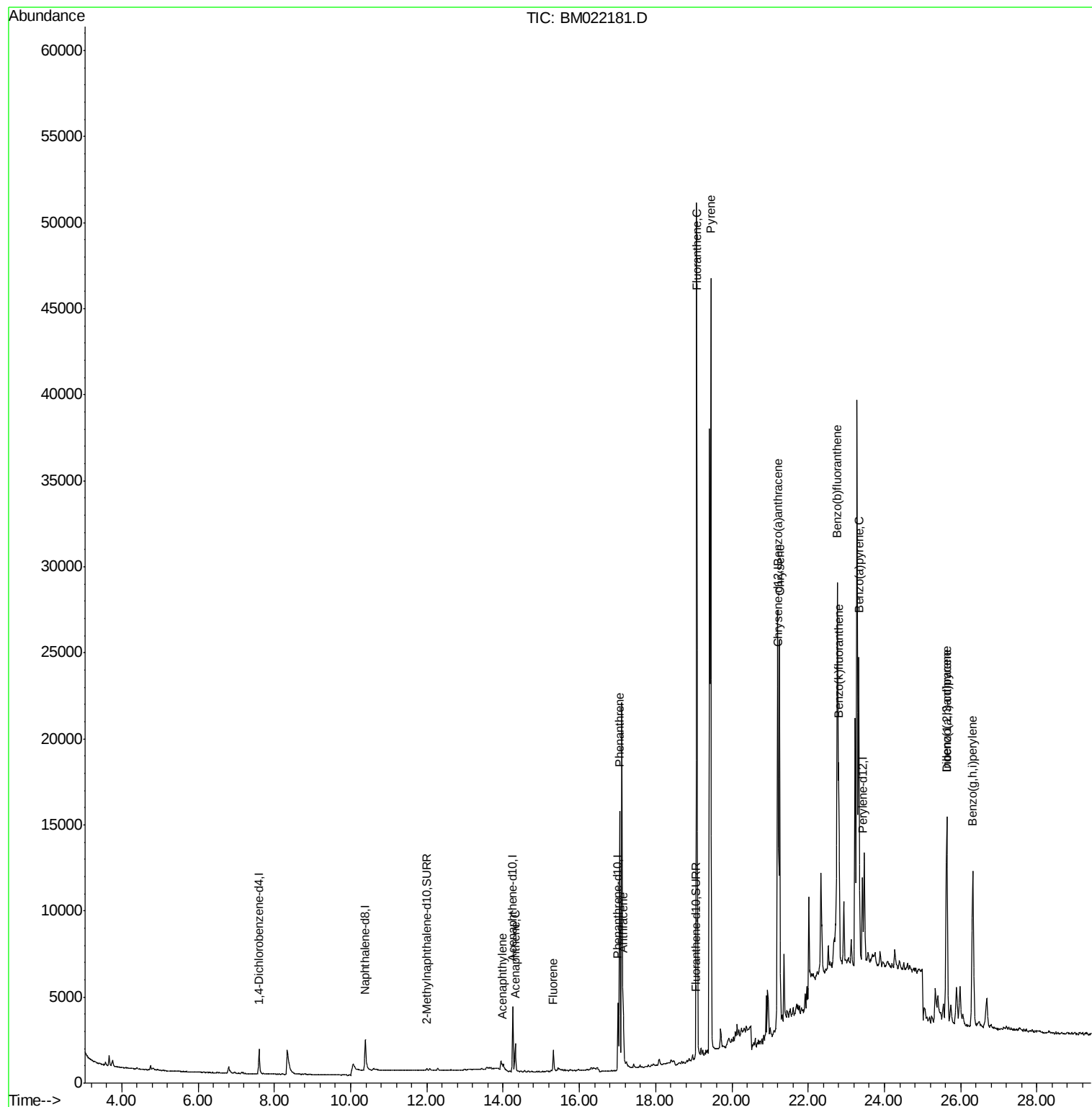
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081519\
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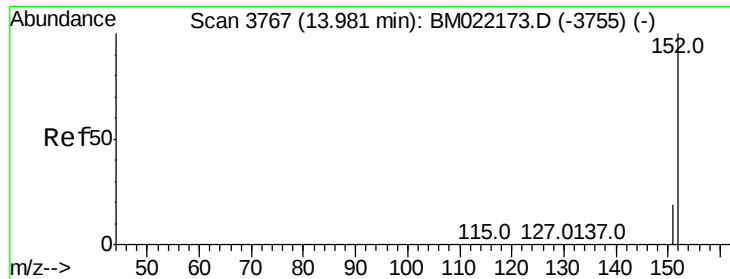
Instrument :
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C0AF4DL

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Quant Time: Aug 17 05:15:28 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M
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QLast Update : Sat Aug 17 04:19:12 2019
Response via : Initial Calibration





#7

Acenaphthylene

Concen: 0.040 ng/ul

RT: 13.98 min Scan# 3766

Delta R.T. -0.00 min

Lab File: BM022181.D

Acq: 16 Aug 2019 21:53

Instrument :

BNA_M

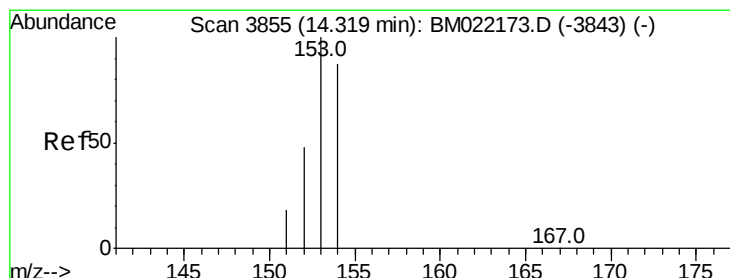
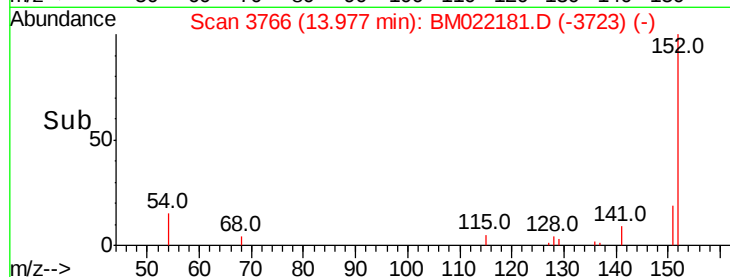
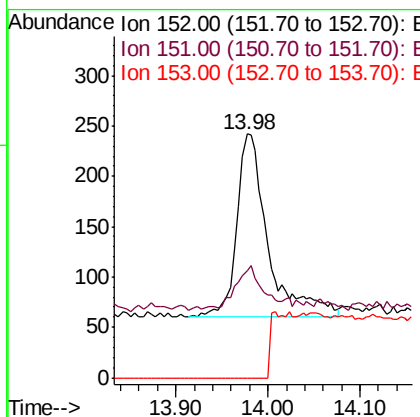
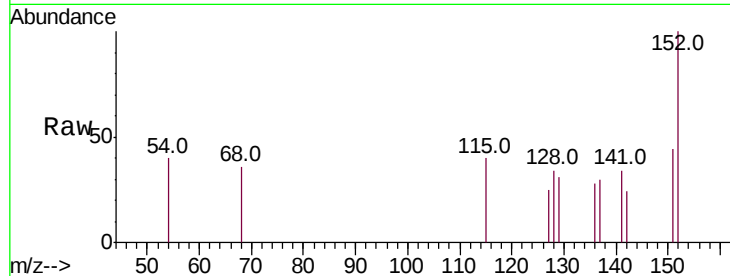
ClientSampled :

C0AF4DL

Tot Ion:	152	Resp:	414
Ion Ratio	Lower	Upper	
152	100		
151	43.8	18.3	27.5#
153	0.0	12.8	19.2#

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#8

Acenaphthene

Concen: 0.127 ng/ul

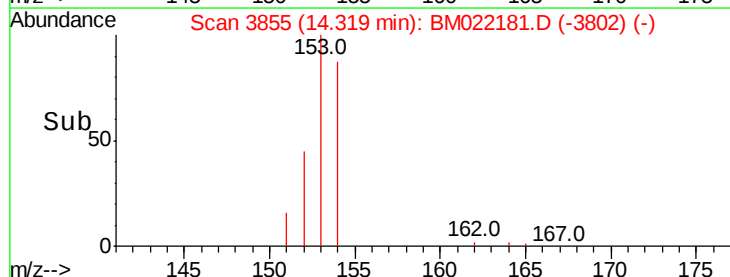
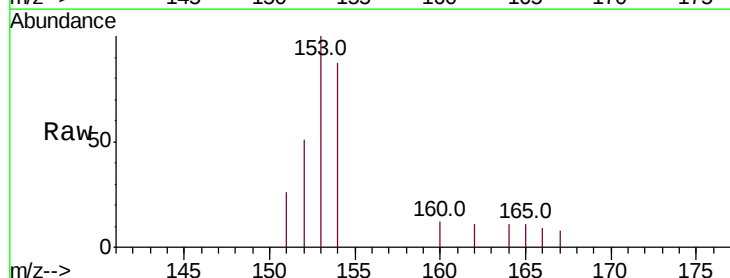
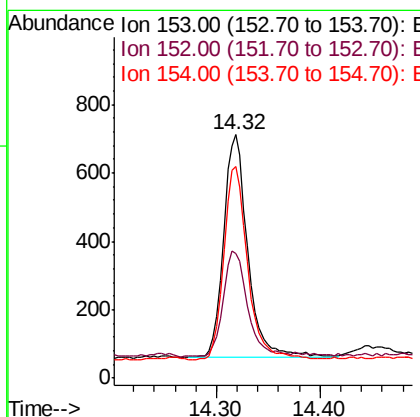
RT: 14.32 min Scan# 3855

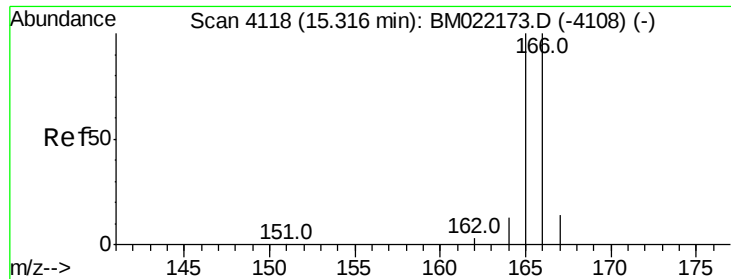
Delta R.T. 0.00 min

Lab File: BM022181.D

Acq: 16 Aug 2019 21:53

Tgt Ion:	153	Resp:	1080
Ion Ratio	Lower	Upper	
153	100		
152	51.4	41.3	61.9
154	87.1	72.3	108.5





#9

Fluorene

Concen: 0.104 ng/ul

RT: 15.32 min Scan# 4118

Delta R.T. -0.00 min

Lab File: BM022181.D

Acq: 16 Aug 2019 21:53

Instrument :

BNA_M

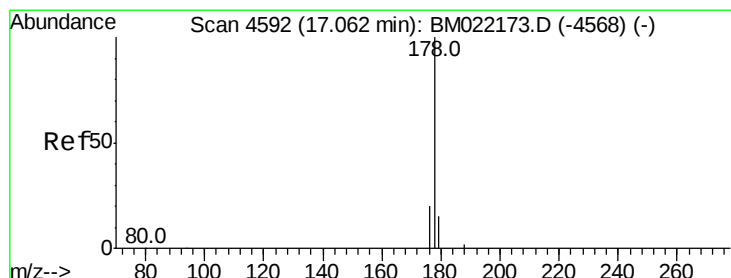
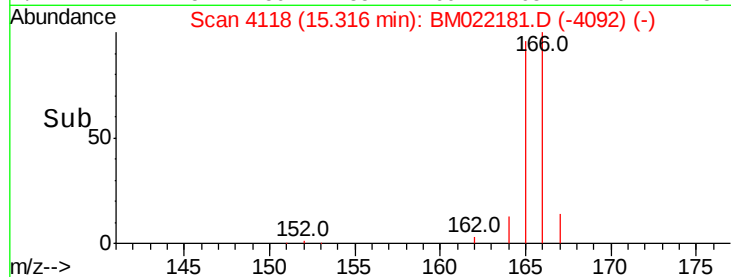
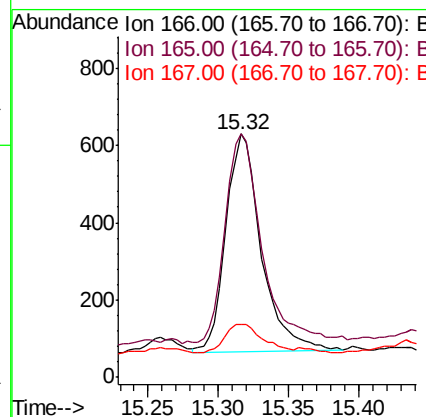
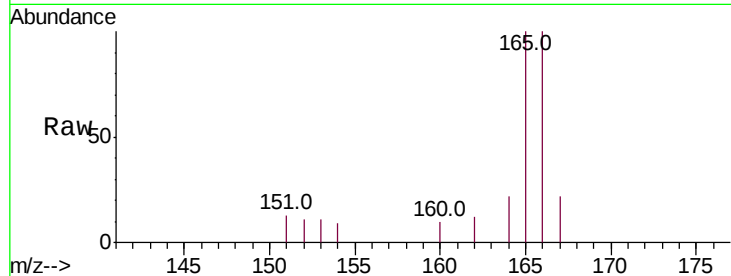
ClientSampleId :

C0AF4DL

Tot Ion:	166	Resp:	986
Ion Ratio	Lower	Upper	
166	100		
165	100.2	81.4	122.0
167	21.9	13.7	20.5#

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#12

Phenanthrene

Concen: 1.098 ng/ul

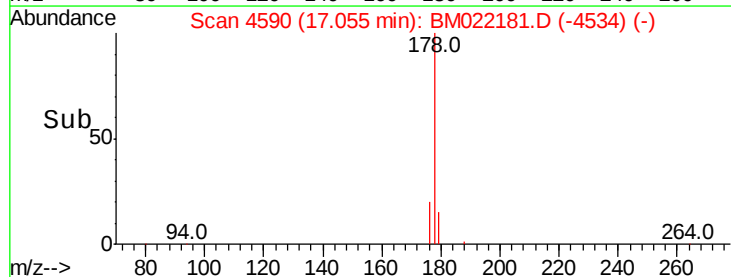
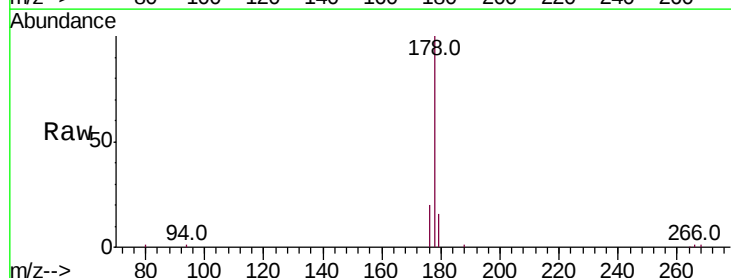
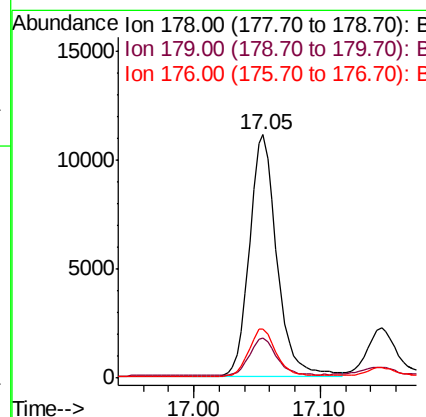
RT: 17.05 min Scan# 4590

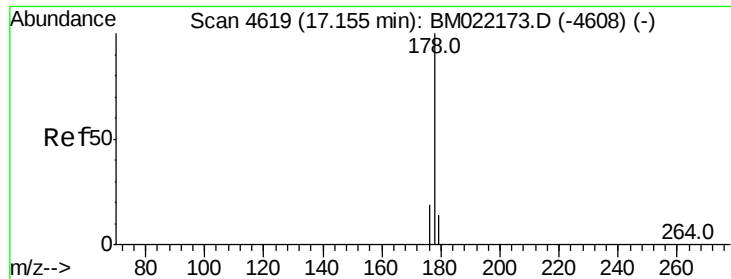
Delta R.T. -0.01 min

Lab File: BM022181.D

Acq: 16 Aug 2019 21:53

Tgt Ion:	178	Resp:	16623
Ion Ratio	Lower	Upper	
178	100		
179	16.3	14.2	21.2
176	20.2	16.8	25.2





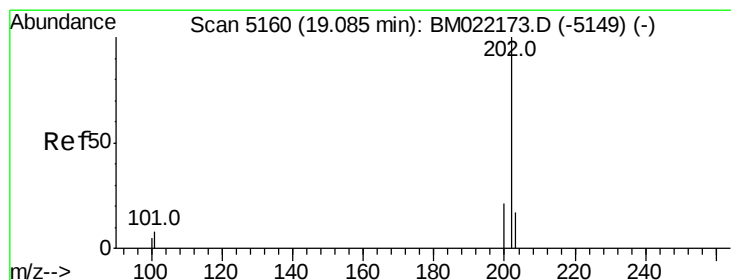
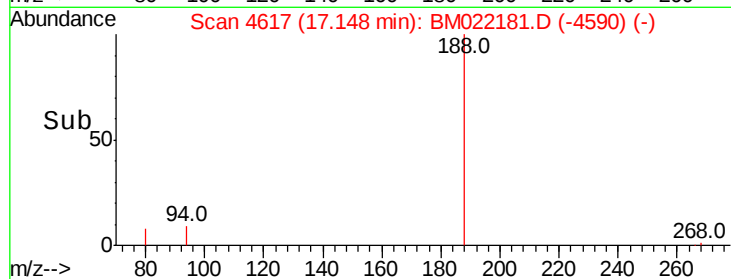
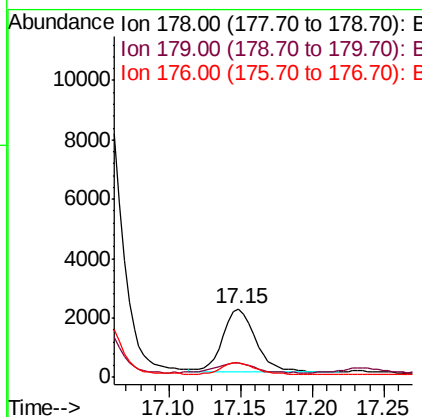
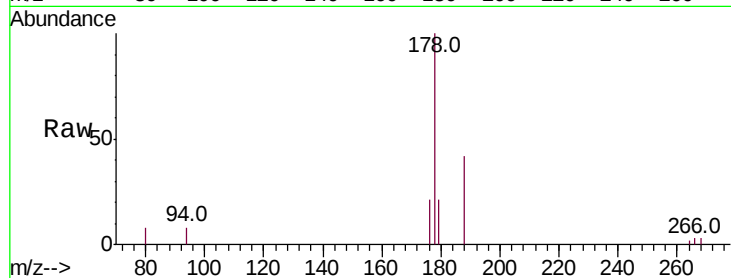
#13
 Anthracene
 Concen: 0.260 ng/ul
 RT: 17.15 min Scan# 4617
 Delta R.T. -0.01 min
 Lab File: BM022181.D
 Acq: 16 Aug 2019 21:53

Instrument :
 BNA_M
 ClientSampleId :
 C0AF4DL

Tot Ion:178	Resp:	3353
Ion Ratio	Lower	Upper
178	100	
179	21.2	15.5 23.3
176	21.3	16.6 25.0

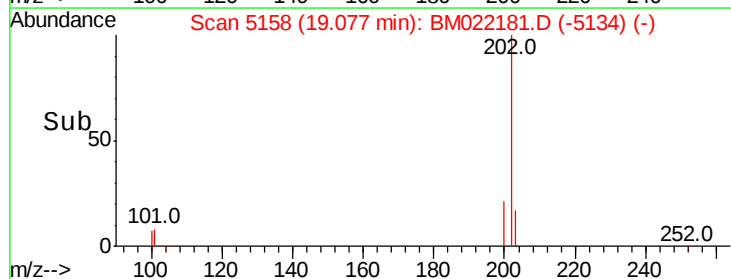
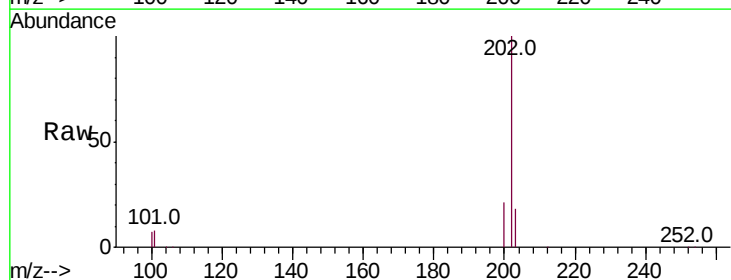
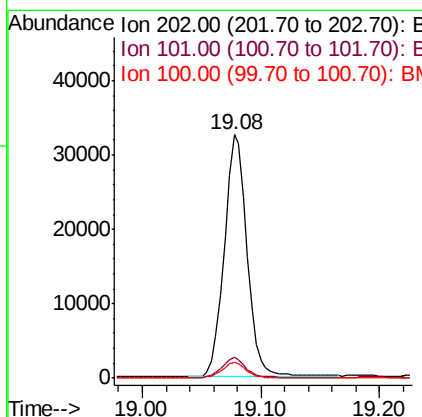
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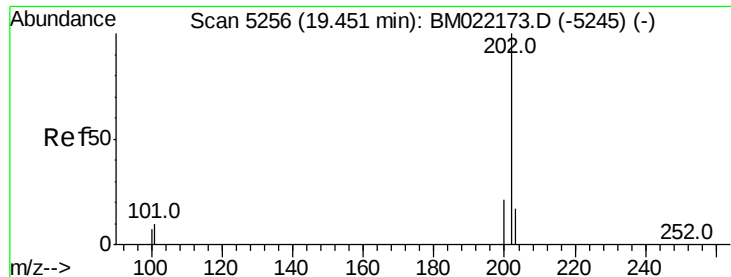
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#15
 Fluoranthene
 Concen: 2.158 ng/ul
 RT: 19.08 min Scan# 5158
 Delta R.T. -0.01 min
 Lab File: BM022181.D
 Acq: 16 Aug 2019 21:53

Tgt Ion:202	Resp:	43756
Ion Ratio	Lower	Upper
202	100	
101	8.4	0.0 30.2
100	6.7	0.0 28.1





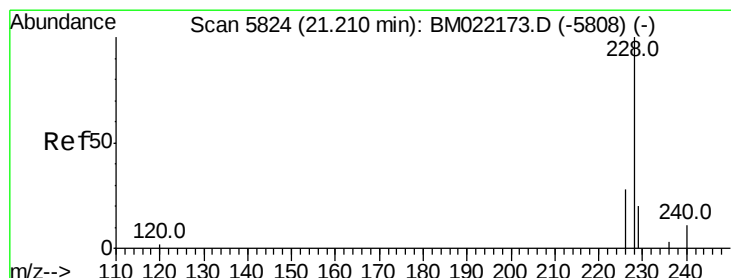
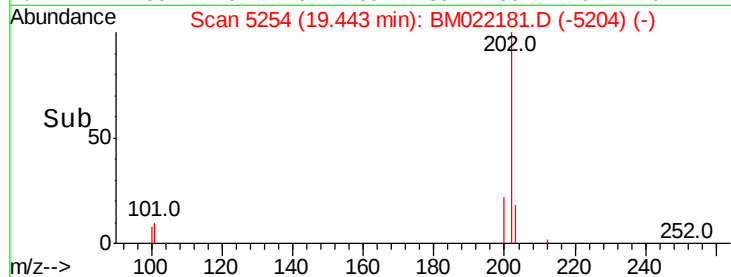
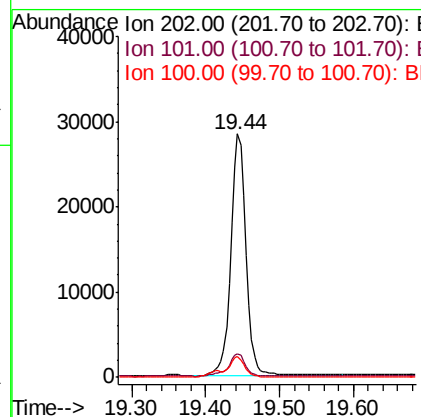
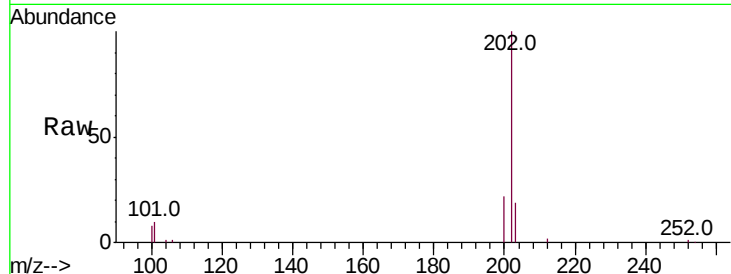
#17
Pvrene
Concen: 1.885 ng/ul
RT: 19.44 min Scan# 5254
Delta R.T. -0.01 min
Lab File: BM022181.D
Acq: 16 Aug 2019 21:53

Instrument :
BNA_M
ClientSampleId :
C0AF4DL

Tot Ion:	202	Resp:	40428
Ion Ratio	Lower	Upper	
202	100		
101	9.9	8.3	12.5
100	8.4	7.2	10.8

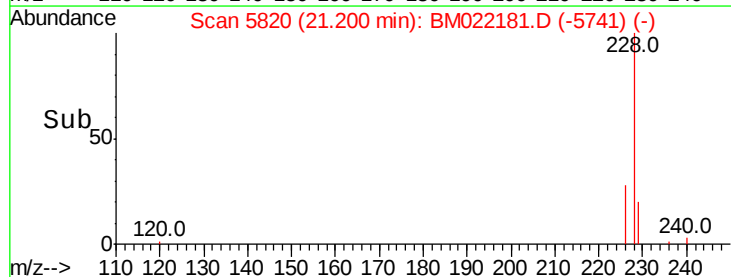
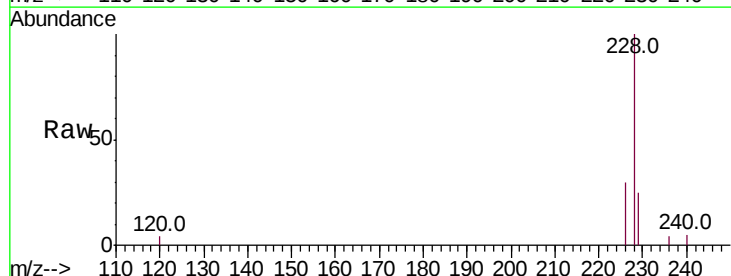
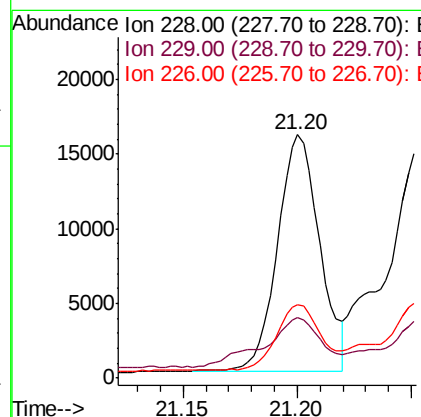
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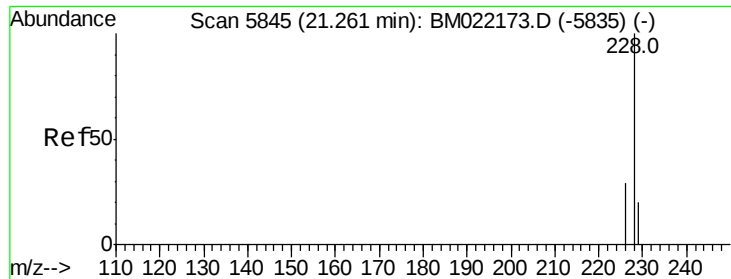
mohammad
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#18
Benzo(a)anthracene
Concen: 1.086 ng/ul
RT: 21.20 min Scan# 5820
Delta R.T. -0.01 min
Lab File: BM022181.D
Acq: 16 Aug 2019 21:53

Tgt Ion:	228	Resp:	20274
Ion Ratio	Lower	Upper	
228	100		
229	24.9	17.2	25.8
226	30.4	22.6	34.0





#19

Chrysene

Concen: 1.000 ng/ul m

RT: 21.25 min Scan# 5842

Delta R.T. -0.01 min

Lab File: BM022181.D

Acq: 16 Aug 2019 21:53

Instrument :

BNA_M

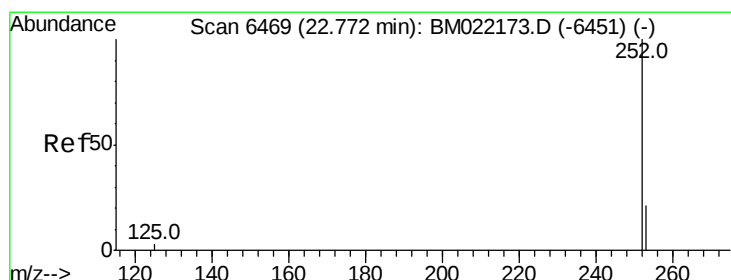
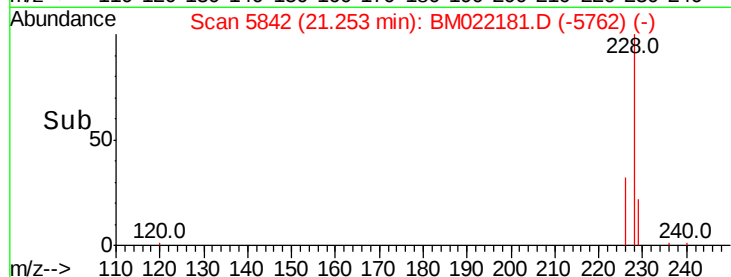
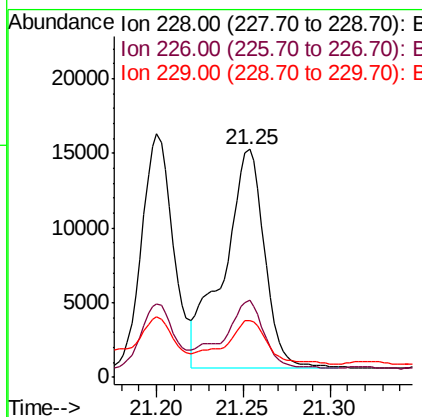
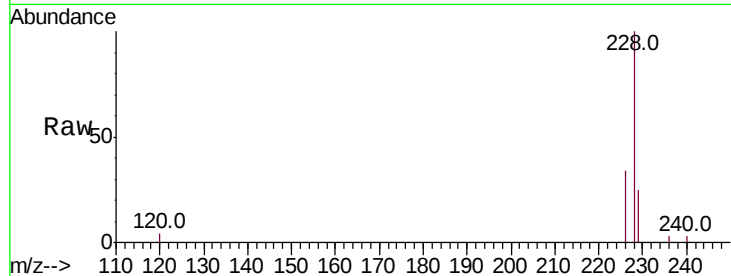
ClientSampleId :

C0AF4DL

Tot Ion:	228	Resp:	24000
Ion Ratio	Lower	Upper	
228	100		
226	33.8	24.9	37.3
229	25.0	16.6	25.0#

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#21

Benzo(b)fluoranthene

Concen: 1.815 ng/ul m

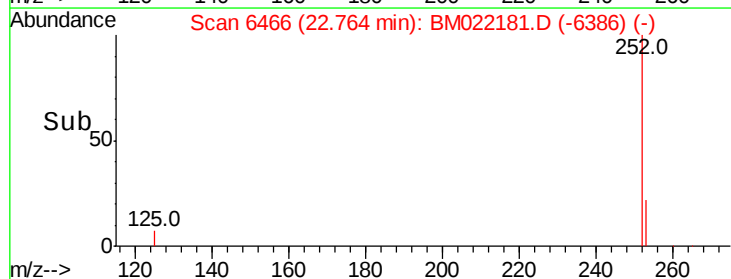
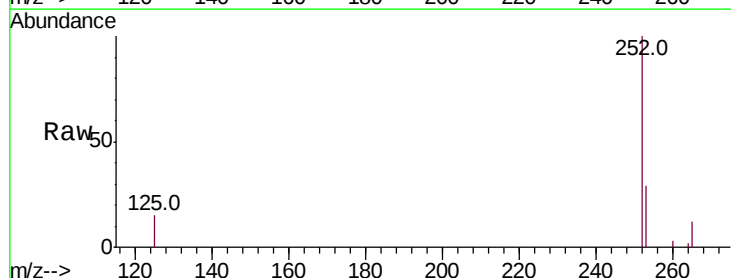
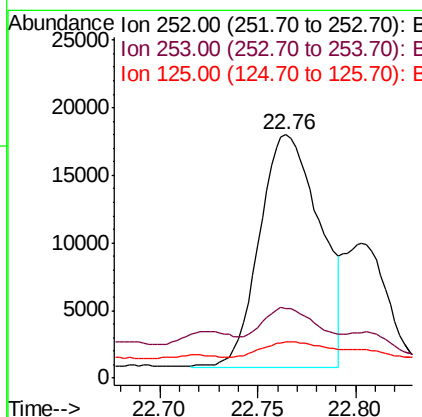
RT: 22.76 min Scan# 6466

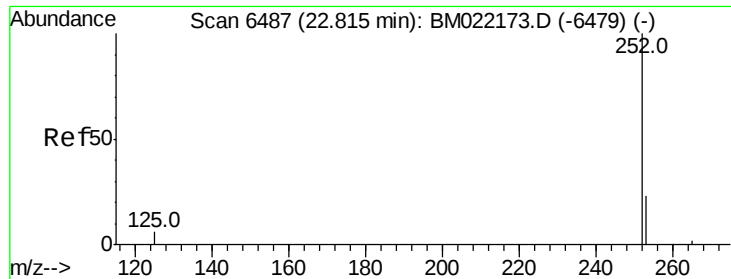
Delta R.T. -0.01 min

Lab File: BM022181.D

Acq: 16 Aug 2019 21:53

Tgt Ion:	252	Resp:	36965
Ion Ratio	Lower	Upper	
252	100		
253	28.7	0.0	67.4
125	15.1	0.0	31.0





#22

Benzo(k)fluoranthene

Concen: 0.596 ng/ul m

RT: 22.80 min Scan# 6482

Delta R.T. -0.01 min

Lab File: BM022181.D

Acq: 16 Aug 2019 21:53

Instrument :

BNA_M

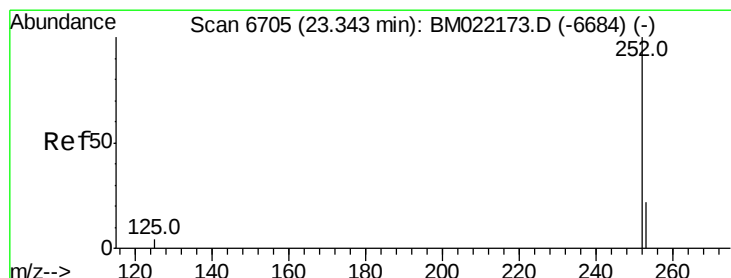
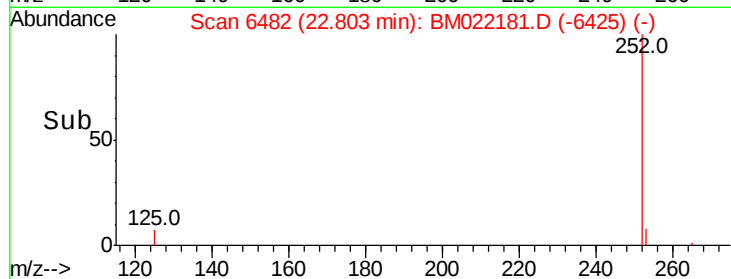
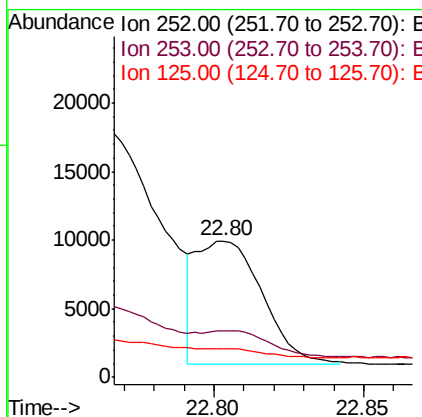
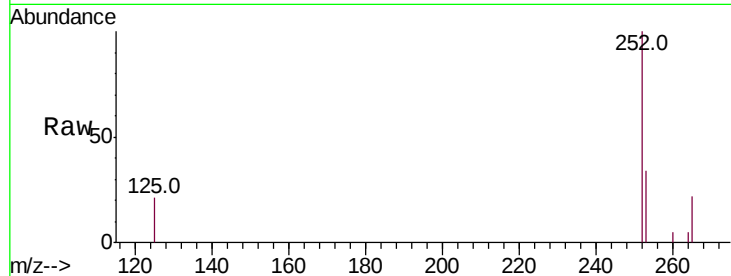
ClientSampleId :

C0AF4DL

Tot Ion:	252	Resp:	13748
Ion Ratio	Lower	Upper	
252	100		
253	34.1	27.0	40.4
125	21.2	12.2	18.2

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#23

Benzo(a)pyrene

Concen: 1.150 ng/ul

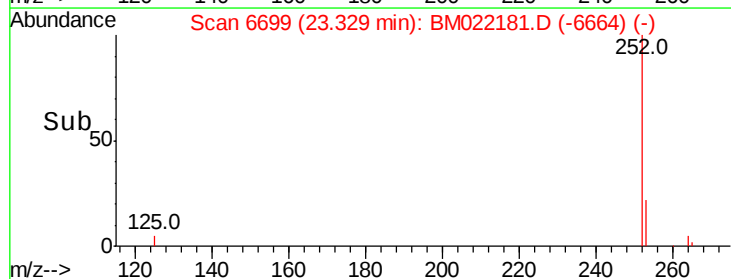
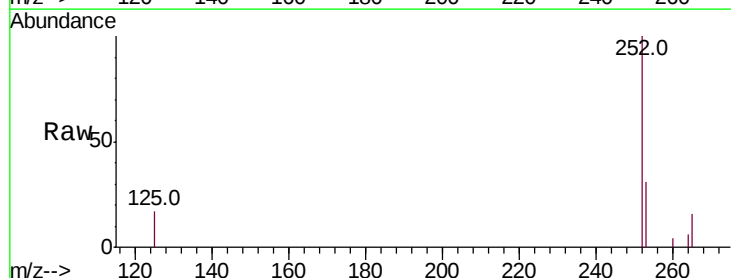
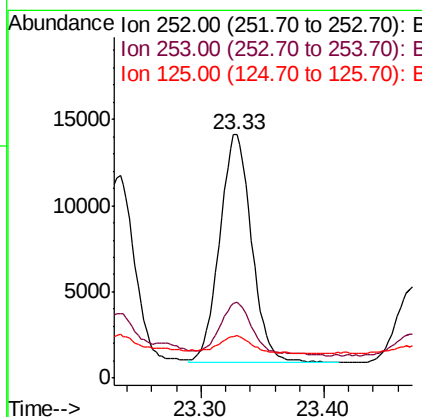
RT: 23.33 min Scan# 6699

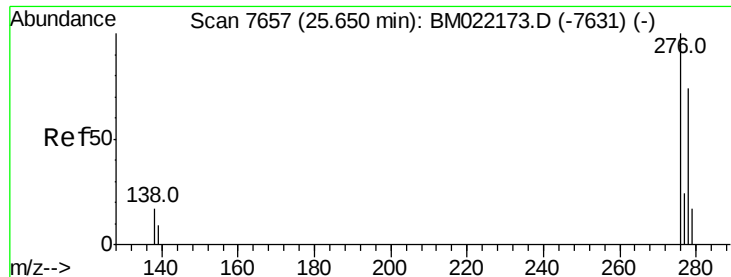
Delta R.T. -0.01 min

Lab File: BM022181.D

Acq: 16 Aug 2019 21:53

Tgt Ion:	252	Resp:	23828
Ion Ratio	Lower	Upper	
252	100		
253	31.0	31.7	47.5
125	17.4	14.6	21.8





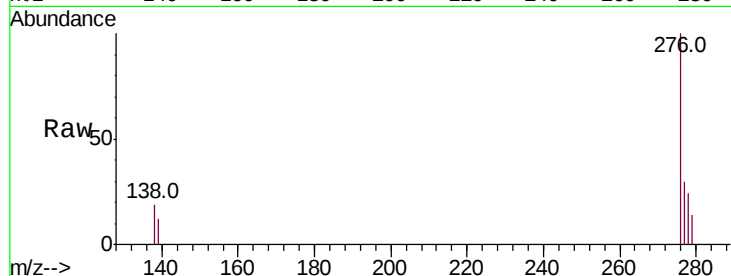
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.797 ng/uL
 RT: 25.63 min Scan# 7650
 Delta R.T. -0.02 min
 Lab File: BM022181.D
 Acq: 16 Aug 2019 21:53

Instrument :
 BNA_M
 ClientSampleID :
 C0AF4DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	14.5	15.1	22.7#
227	0.0	0.0	0.0

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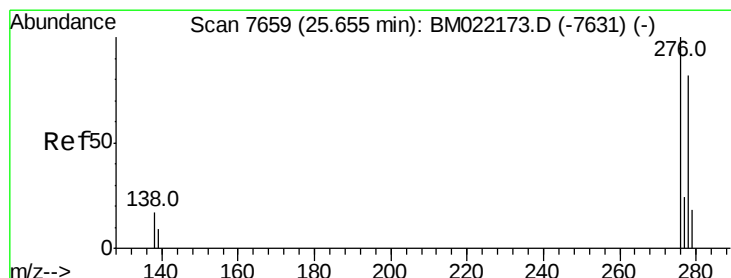
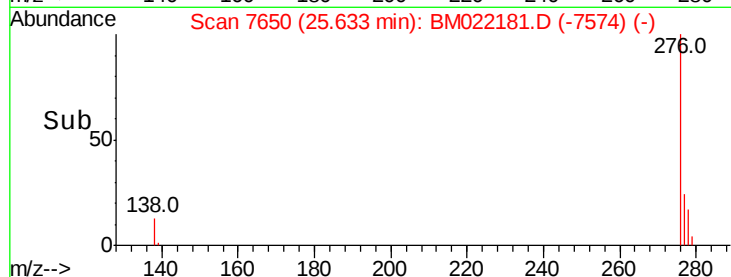
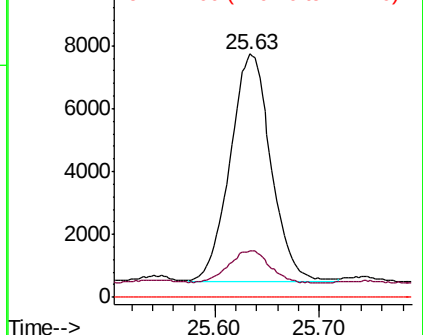


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E



#25
 Dibenzo(a,h)anthracene
 Concen: 0.248 ng/uL
 RT: 25.64 min Scan# 7651
 Delta R.T. -0.02 min
 Lab File: BM022181.D
 Acq: 16 Aug 2019 21:53

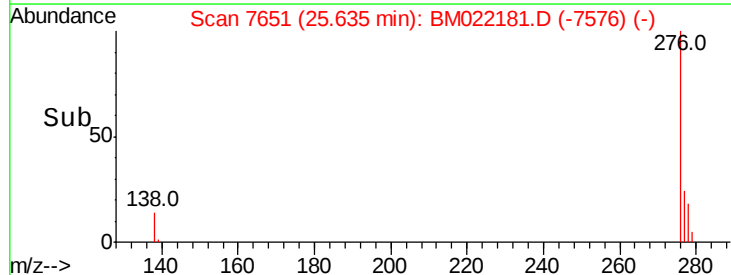
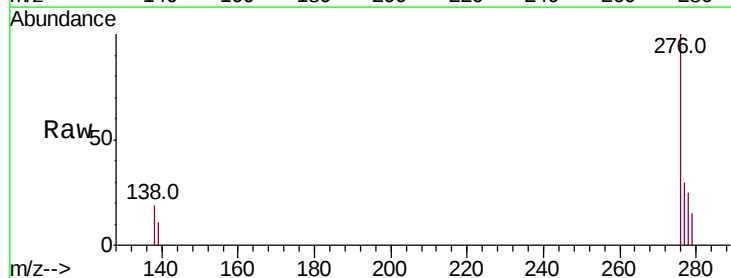
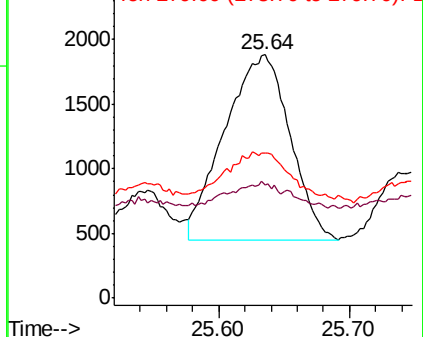
Tgt Ion	Ratio	Lower	Upper
278	100		
139	46.2	14.2	21.2#
279	59.8	28.3	42.5#

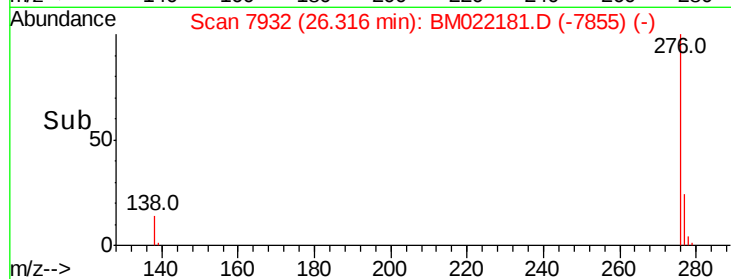
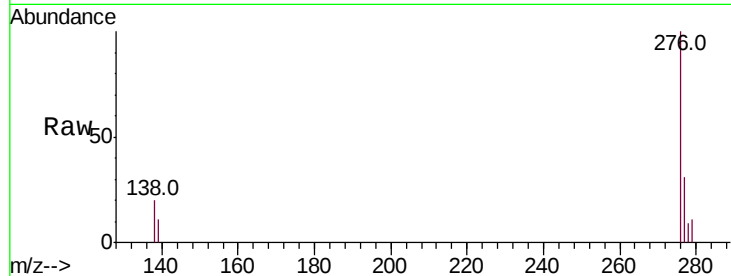
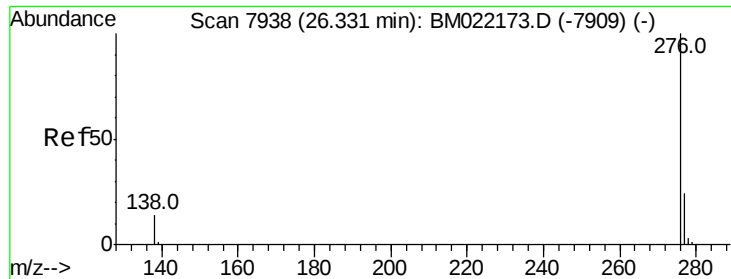
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#26

Benzo(a,h,i)perylene

Concen: 0.852 ng/ul

RT: 26.32 min Scan# 7932

Delta R.T. -0.01 min

Lab File: BM022181.D

Acq: 16 Aug 2019 21:53

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.0	15.5	23.3
277	31.0	21.4	32.2

Instrument :

BNA_M

ClientSampleId :

C0AF4DL

Manual Integrations
APPROVED

mohammad
8/19/2019 5:32:31 PM

