

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081519\
 Data File : BM022151.D
 Acq On : 15 Aug 2019 19:46
 Operator : HP/JU
 Sample : K4242-11
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AF9

Manual Integrations
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mohammad
 8/19/2019 10:45:44 AM

Quant Time: Aug 16 14:45:19 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 : Wed Aug 14 13:53:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	680	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.37	136	2924	0.40	ng/ul	-0.03
6) Acenaphthene-d10	14.25	164	1670	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.00	188	4083m	0.40	ng/ul	-0.03
16) Chrysene-d12	21.21	240	3918m	0.40	ng/ul	-0.02
20) Perylene-d12	23.42	264	3978m	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.98	152	1363	0.28	ng/ul	-0.03
14) Fluoranthene-d10	19.05	212	3872m	0.28	ng/ul	-0.02
Target Compounds					Ovalue	
3) Naphthalene	10.42	128	425	0.051	ng/ul#	68
5) 2-Methylnaphthalene	12.06	142	395	0.072	ng/ul	99
7) Acenaphthylene	13.97	152	708	0.091	ng/ul#	72
8) Acenaphthene	14.31	153	374	0.059	ng/ul#	90
9) Fluorene	15.31	166	523	0.074	ng/ul#	96
12) Phenanthrene	17.05	178	17702m	1.490	ng/ul	
13) Anthracene	17.14	178	4424m	0.437	ng/ul	
15) Fluoranthene	19.08	202	75009m	4.713	ng/ul	
17) Pyrene	19.44	202	62695	3.894	ng/ul	98
18) Benzo(a)anthracene	21.20	228	33548	2.394	ng/ul	99
19) Chrysene	21.25	228	36873	2.046	ng/ul	99
21) Benzo(b)fluoranthene	22.76	252	54733m	4.080	ng/ul	
22) Benzo(k)fluoranthene	22.80	252	21819m	1.437	ng/ul	
23) Benzo(a)pyrene	23.32	252	34928	2.560	ng/ul#	79
24) Indeno(1,2,3-cd)pyrene	25.62	276	29221	1.794	ng/ul#	93
25) Dibenzo(a,h)anthracene	25.62	278	6594	0.501	ng/ul#	89
26) Benzo(a,h,i)perylene	26.30	276	23835	1.625	ng/ul	99

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

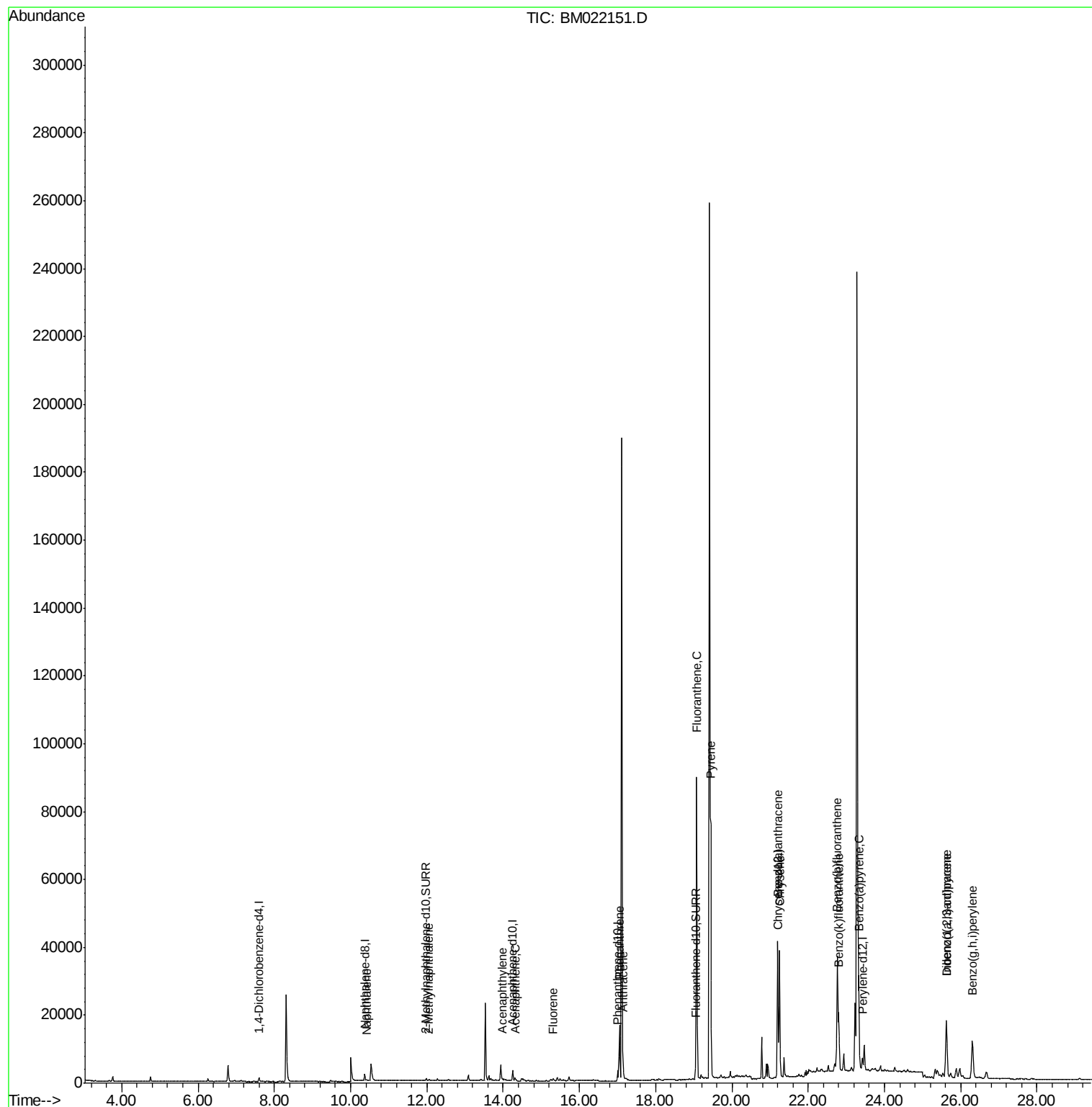
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081519\
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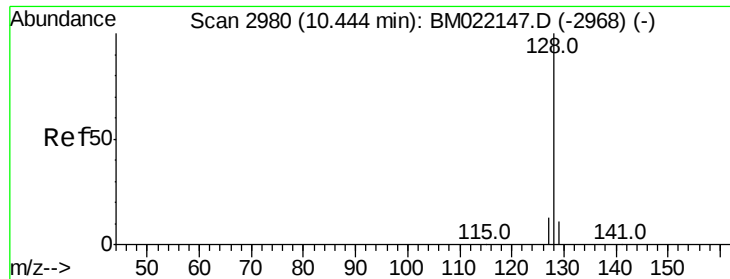
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M
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QLast Update : Wed Aug 14 13:53:23 2019
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#3

Naphthalene

Concen: 0.051 ng/ul

RT: 10.42 min Scan# 2975

Delta R.T. -0.03 min

Lab File: BM022151.D

Acq: 15 Aug 2019 19:46

Instrument :

BNA_M

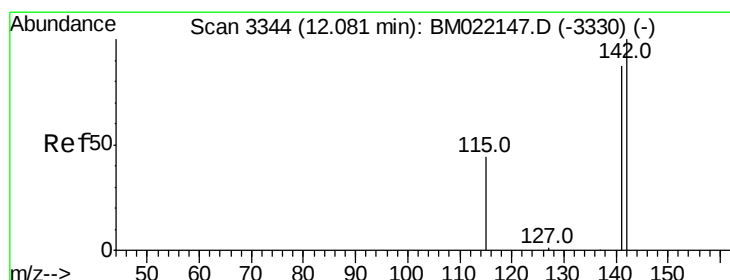
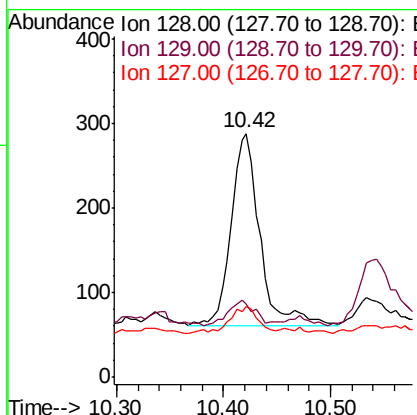
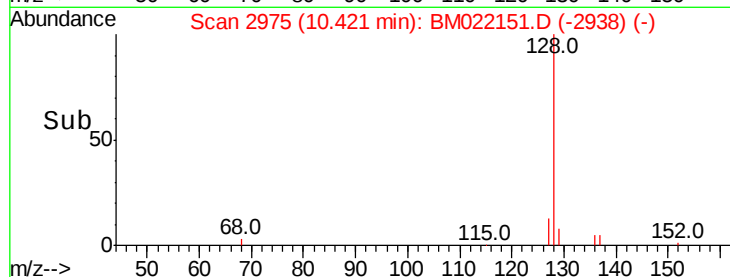
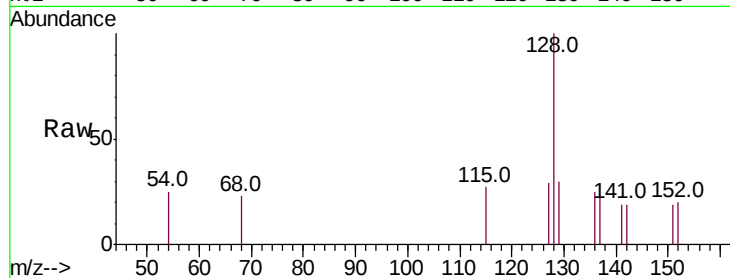
ClientSampleId :

C0AF9

Tot Ion:	128	Resp:	425
Ion Ratio	Lower	Upper	
128	100		
129	30.2	12.3	18.5#
127	28.8	13.0	19.6#

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#5

2-Methylnaphthalene

Concen: 0.072 ng/ul

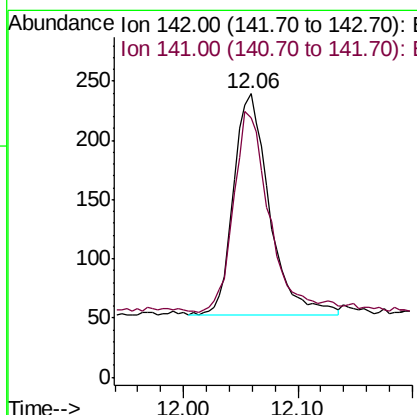
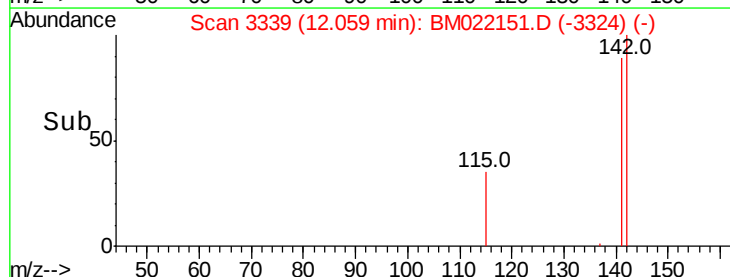
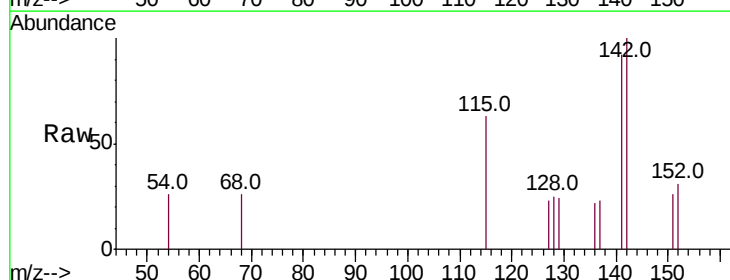
RT: 12.06 min Scan# 3339

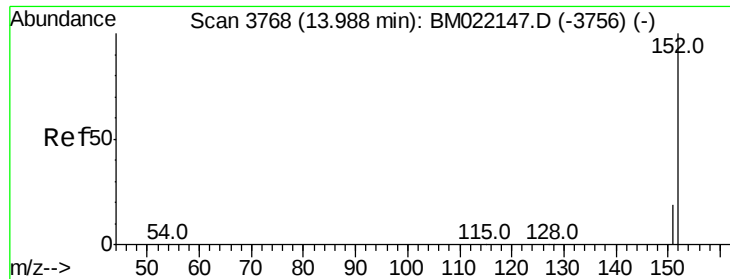
Delta R.T. -0.03 min

Lab File: BM022151.D

Acq: 15 Aug 2019 19:46

Tgt Ion:	142	Resp:	395
Ion Ratio	Lower	Upper	
142	100		
141	93.7	74.3	111.5





#7

Acenaphthylene

Concen: 0.091 ng/ul

RT: 13.97 min Scan# 3764

Delta R.T. -0.03 min

Lab File: BM022151.D

Acq: 15 Aug 2019 19:46

Instrument :

BNA_M

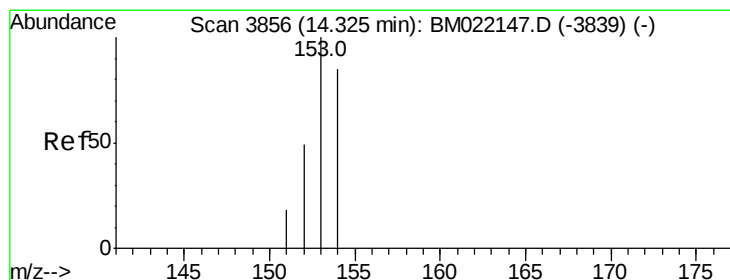
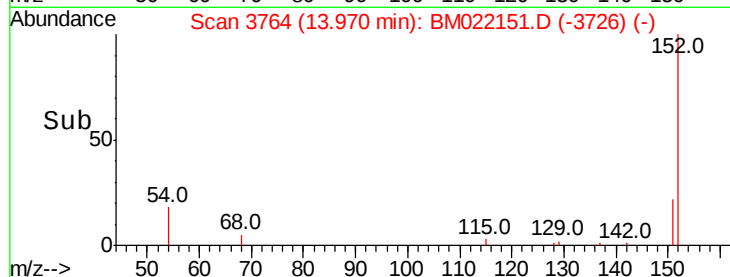
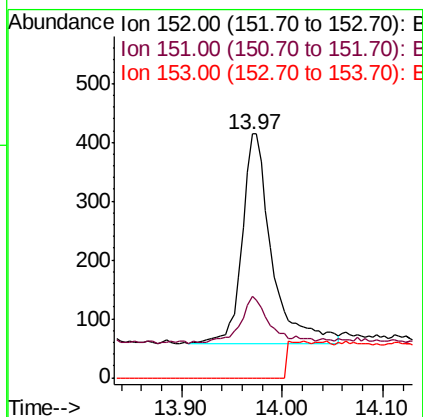
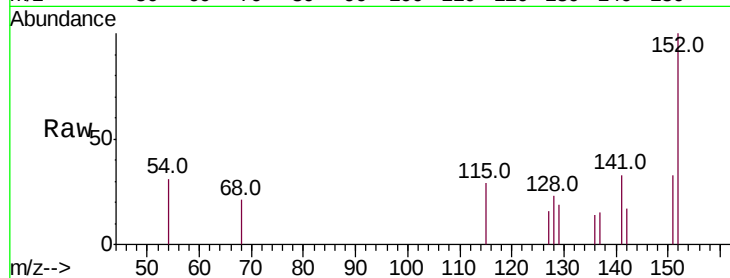
ClientSampled :

C0AF9

Tot Ion:	152	Resp:	708
Ion Ratio	Lower	Upper	
152	100		
151	33.3	18.3	27.5#
153	0.0	12.8	19.2#

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#8

Acenaphthene

Concen: 0.059 ng/ul

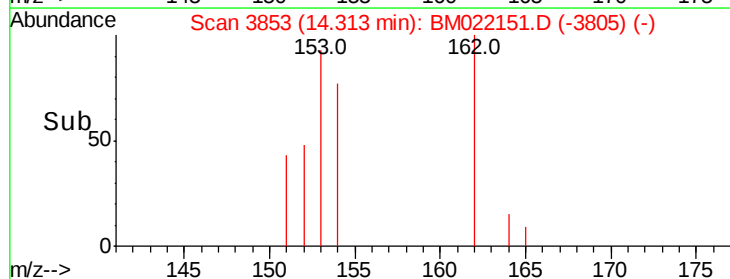
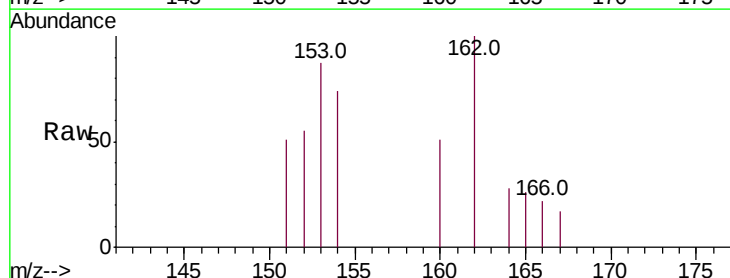
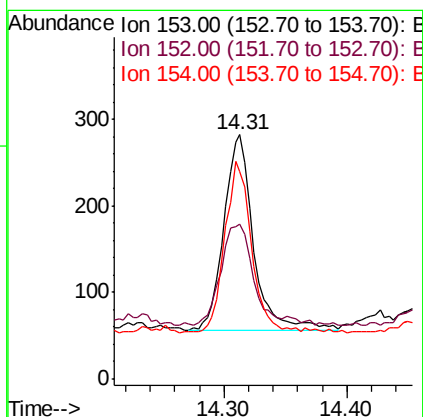
RT: 14.31 min Scan# 3853

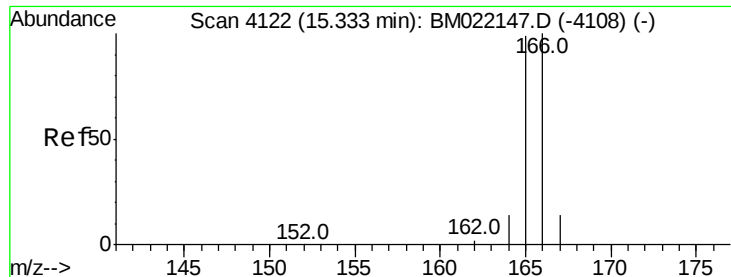
Delta R.T. -0.02 min

Lab File: BM022151.D

Acq: 15 Aug 2019 19:46

Tgt Ion:	153	Resp:	374
Ion Ratio	Lower	Upper	
153	100		
152	63.5	41.3	61.9#
154	85.1	72.3	108.5





#9

Fluorene

Concen: 0.074 ng/ul

RT: 15.31 min Scan# 4116

Delta R.T. -0.03 min

Lab File: BM022151.D

Acq: 15 Aug 2019 19:46

Instrument :

BNA_M

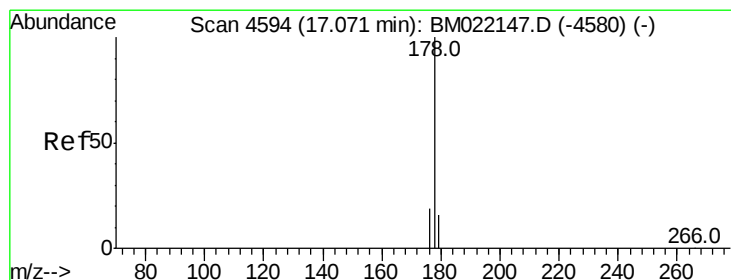
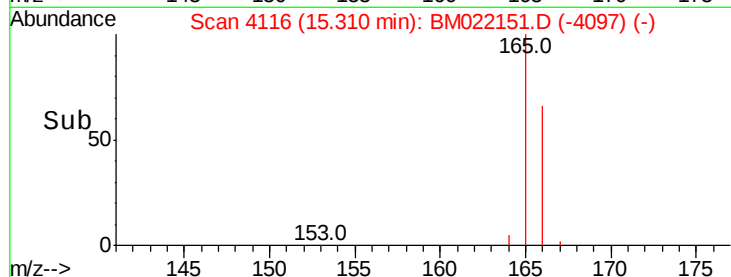
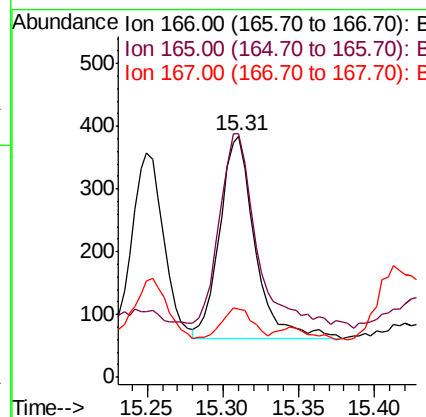
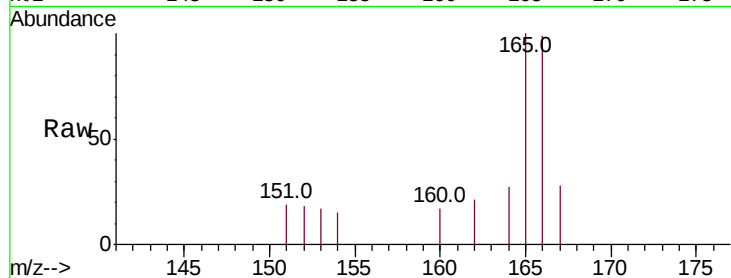
ClientSampleId :

C0AF9

Tot Ion	Ratio	Lower	Upper
166	100		
165	101.0	81.4	122.0
167	28.1	13.7	20.5

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#12

Phenanthrene

Concen: 1.490 ng/ul m

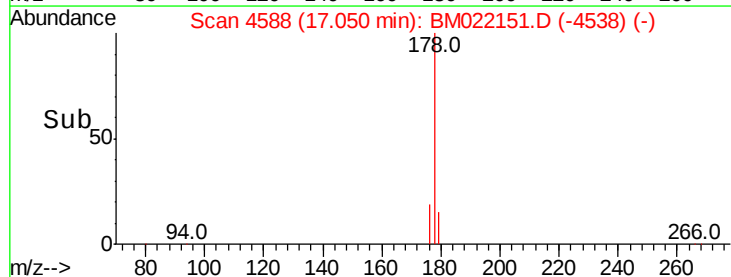
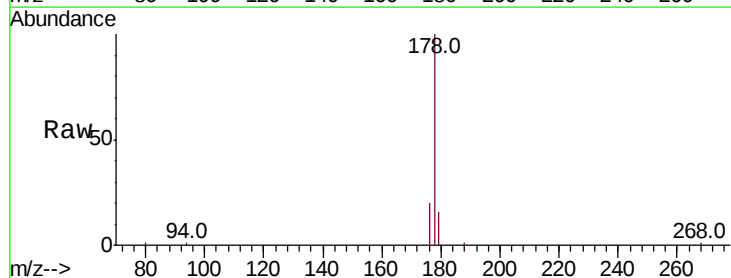
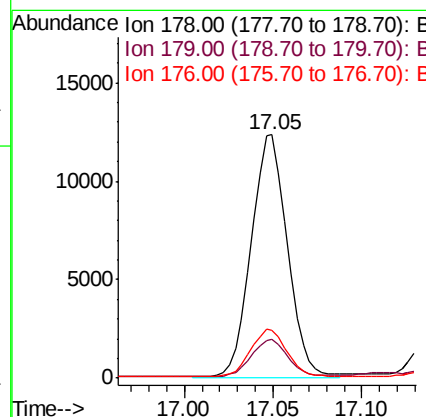
RT: 17.05 min Scan# 4588

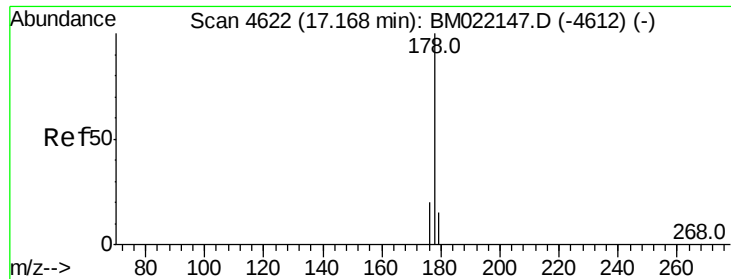
Delta R.T. -0.03 min

Lab File: BM022151.D

Acq: 15 Aug 2019 19:46

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.0	14.2	21.2
176	19.9	16.8	25.2





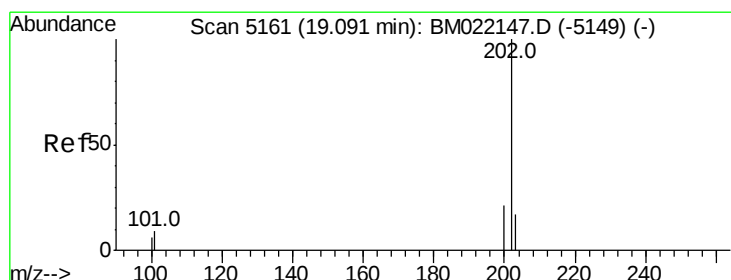
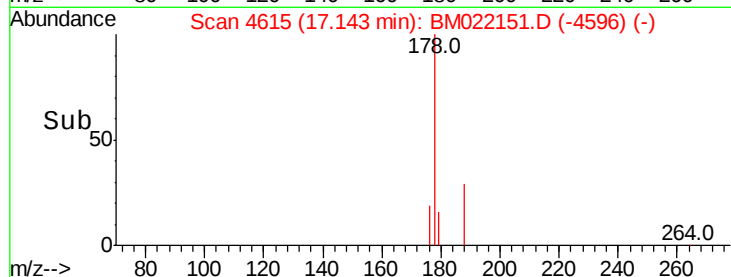
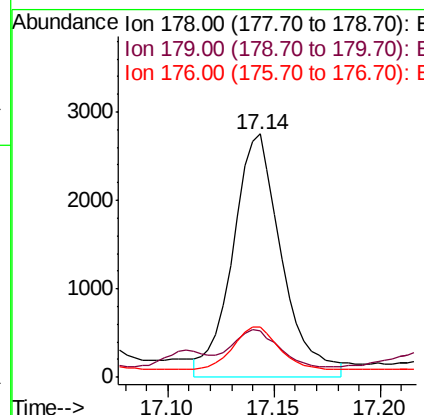
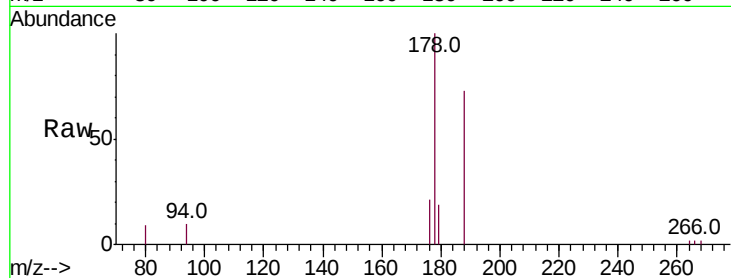
#13
 Anthracene
 Concen: 0.437 ng/ul m
 RT: 17.14 min Scan# 4615
 Delta R.T. -0.03 min
 Lab File: BM022151.D
 Acq: 15 Aug 2019 19:46

Instrument :
 BNA_M
 ClientSampleId :
 C0AF9

Tot Ion	Ratio	Lower	Upper
178	100		
179	19.2	15.5	23.3
176	20.9	16.6	25.0

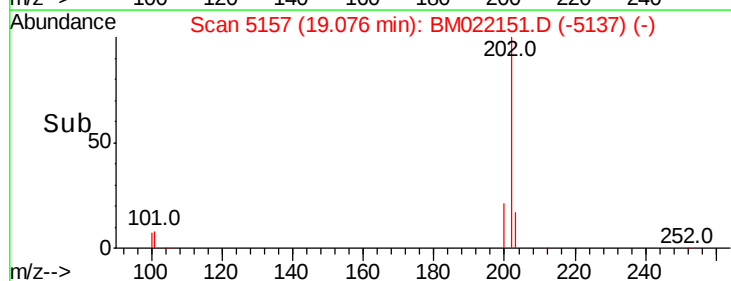
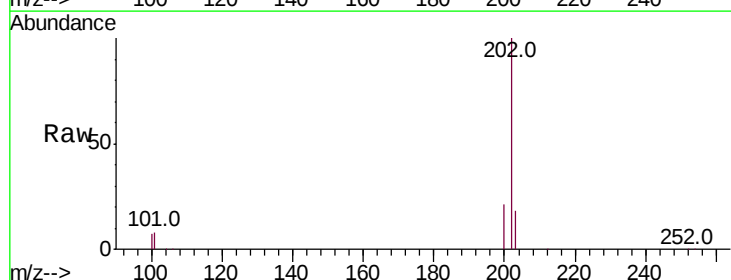
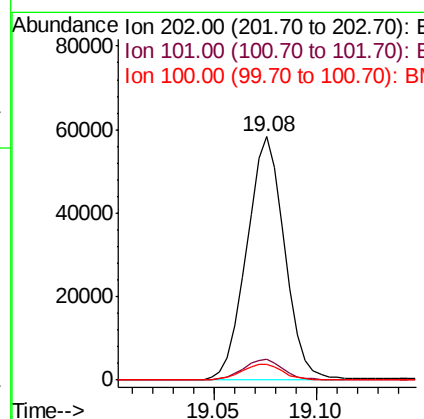
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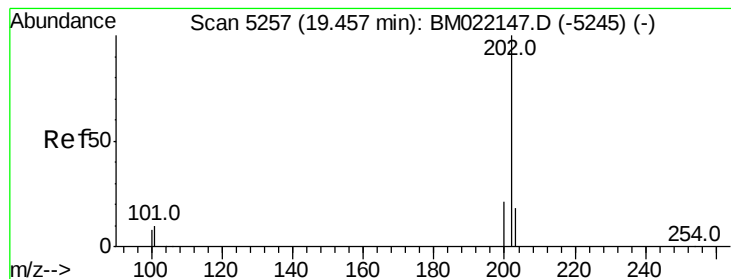
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#15
 Fluoranthene
 Concen: 4.713 ng/ul m
 RT: 19.08 min Scan# 5157
 Delta R.T. -0.02 min
 Lab File: BM022151.D
 Acq: 15 Aug 2019 19:46

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.4	0.0	30.2
100	6.6	0.0	28.1





#17

Pvrene

Concen: 3.894 ng/ul

RT: 19.44 min Scan# 5253

Delta R.T. -0.02 min

Lab File: BM022151.D

Acq: 15 Aug 2019 19:46

Instrument :

BNA_M

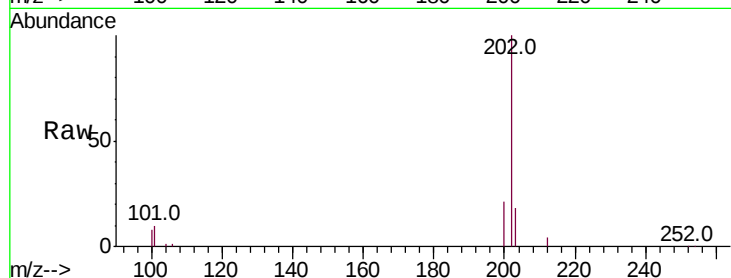
ClientSampleId :

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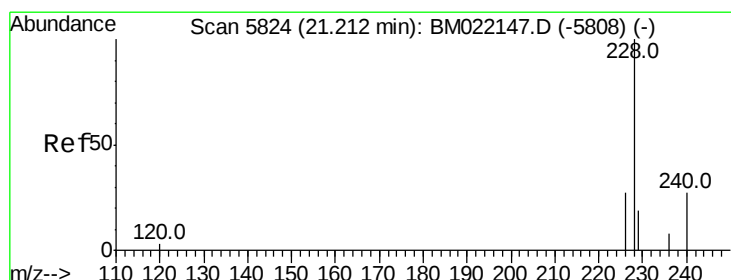
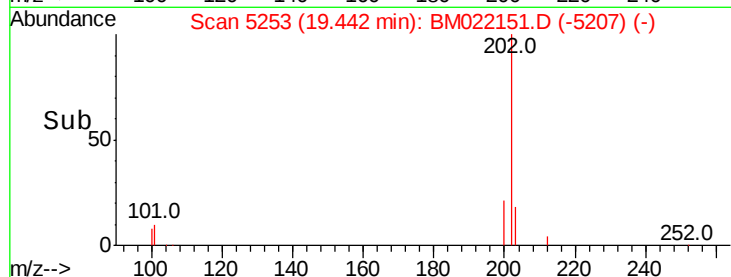
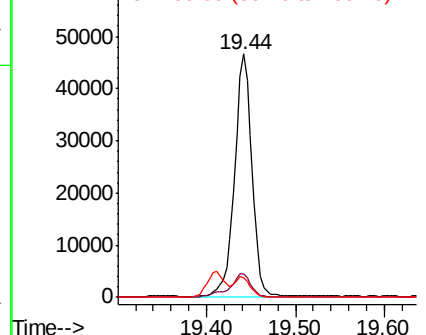
Tot Ion:	202	Resp:	62695
Ion Ratio	Lower	Upper	
202	100		
101	9.7	8.3	12.5
100	8.3	7.2	10.8

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B



#18

Benzo(a)anthracene

Concen: 2.394 ng/ul

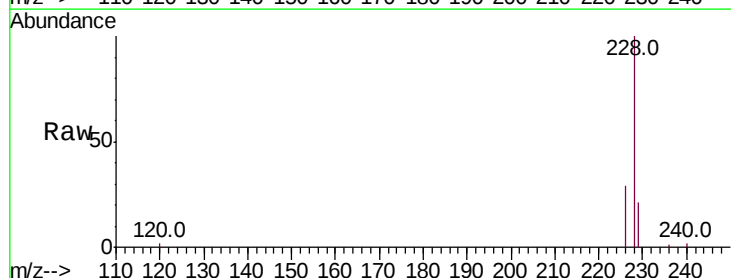
RT: 21.20 min Scan# 5818

Delta R.T. -0.02 min

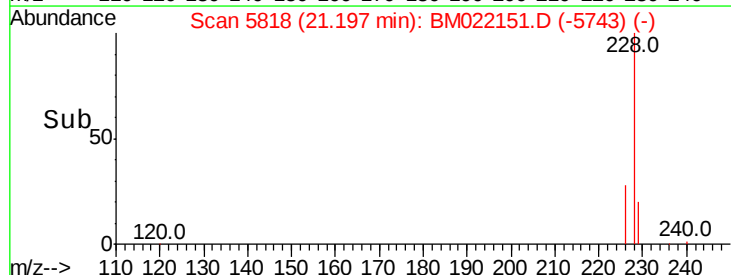
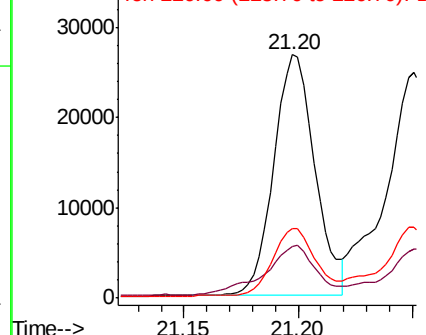
Lab File: BM022151.D

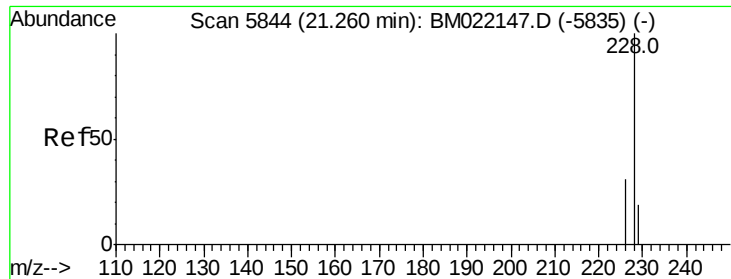
Acq: 15 Aug 2019 19:46

Tgt Ion:	228	Resp:	33548
Ion Ratio	Lower	Upper	
228	100		
229	21.2	17.2	25.8
226	28.6	22.6	34.0



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 2.046 ng/ul

RT: 21.25 min Scan# 5840

Delta R.T. -0.02 min

Lab File: BM022151.D

Acq: 15 Aug 2019 19:46

Instrument :

BNA_M

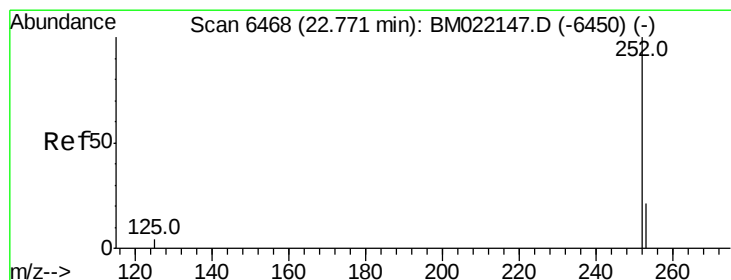
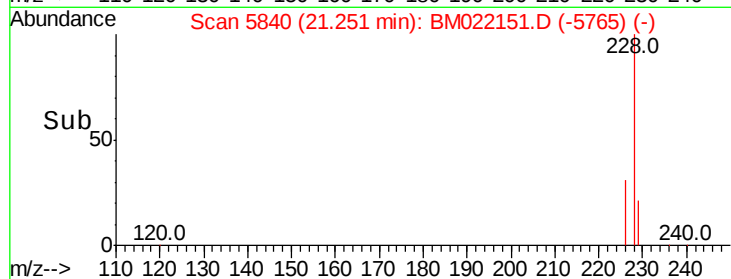
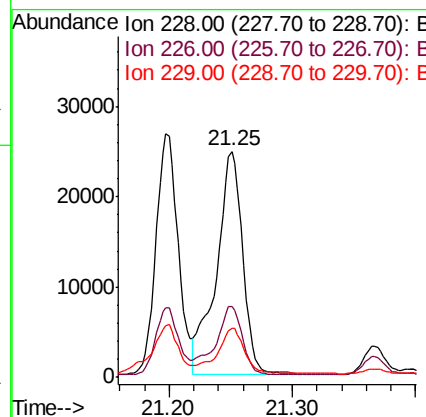
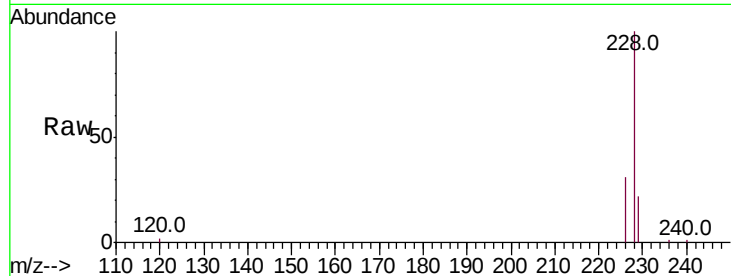
ClientSampleId :

C0AF9

Tot Ion:	228	Resp:	36873
Ion Ratio	Lower	Upper	
228	100		
226	31.1	24.9	37.3
229	21.7	16.6	25.0

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#21

Benzo(b)fluoranthene

Concen: 4.080 ng/ul m

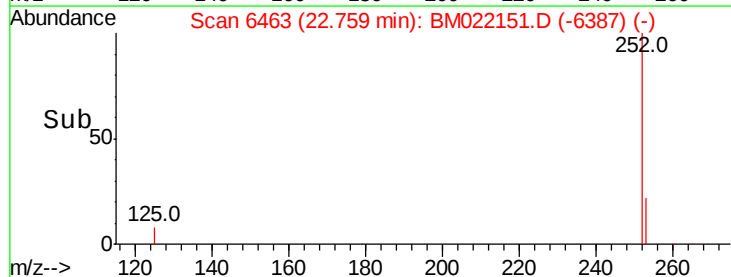
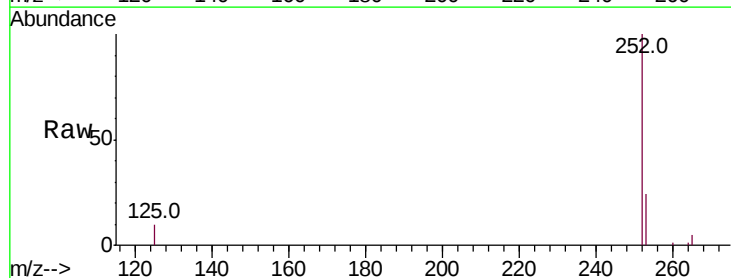
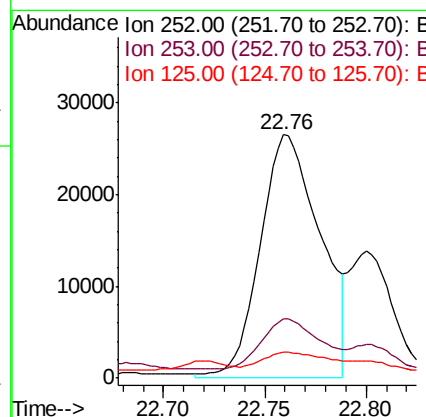
RT: 22.76 min Scan# 6463

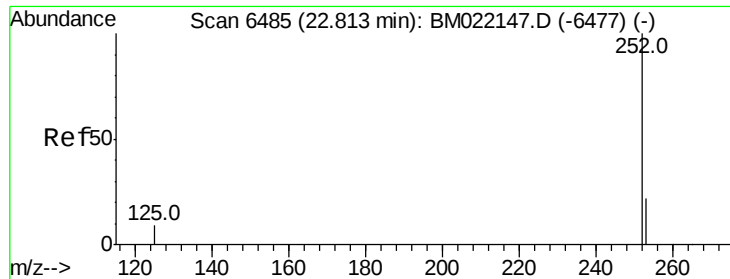
Delta R.T. -0.02 min

Lab File: BM022151.D

Acq: 15 Aug 2019 19:46

Tgt Ion:	252	Resp:	54733
Ion Ratio	Lower	Upper	
252	100		
253	24.1	0.0	67.4
125	10.4	0.0	31.0





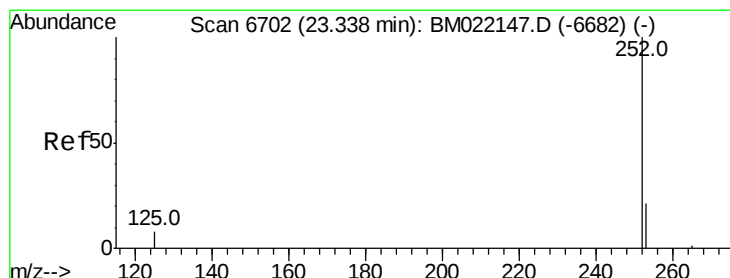
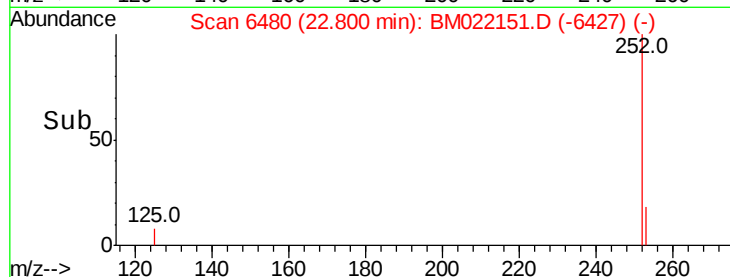
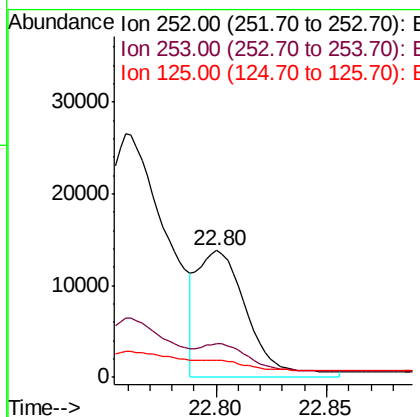
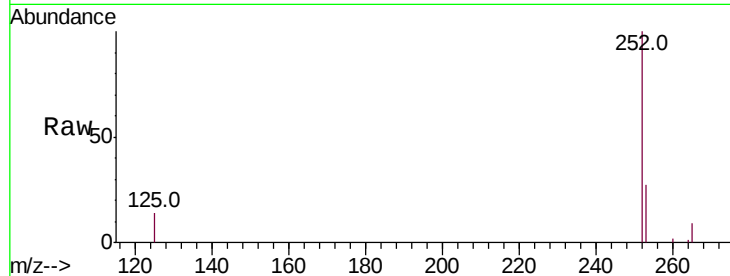
#22
Benzo(k)fluoranthene
Concen: 1.437 ng/ul m
RT: 22.80 min Scan# 6480
Delta R.T. -0.02 min
Lab File: BM022151.D
Acq: 15 Aug 2019 19:46

Instrument :
BNA_M
ClientSampleId :
C0AF9

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.6	27.0	40.4#
125	13.8	12.2	18.2

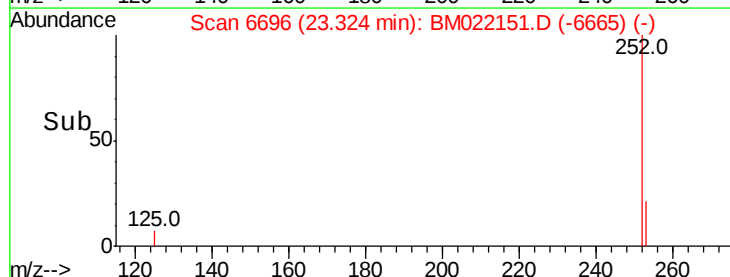
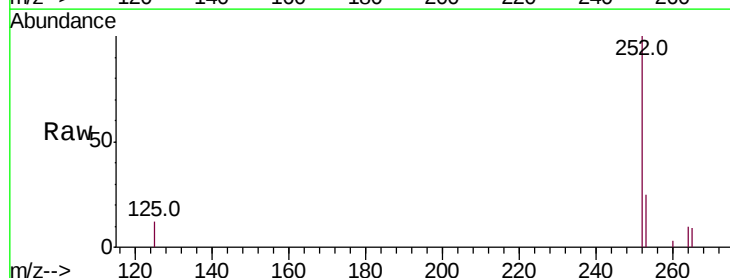
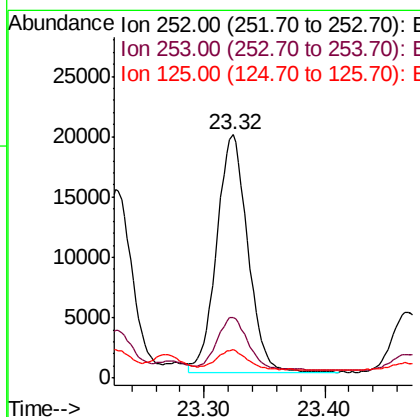
Manual Integrations
APPROVED

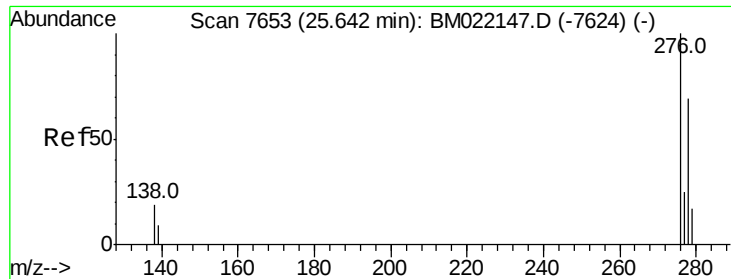
mohammad
8/19/2019 10:45:44 AM



#23
Benzo(a)pyrene
Concen: 2.560 ng/ul
RT: 23.32 min Scan# 6696
Delta R.T. -0.02 min
Lab File: BM022151.D
Acq: 15 Aug 2019 19:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.8	31.7	47.5#
125	11.5	14.6	21.8#





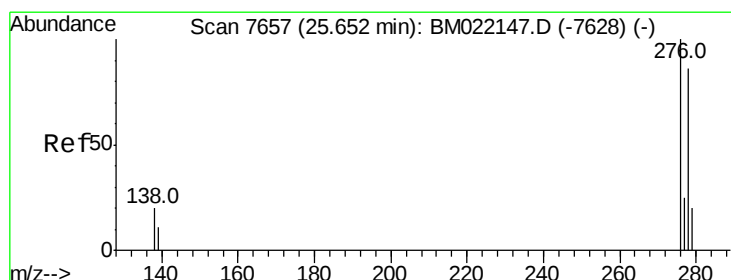
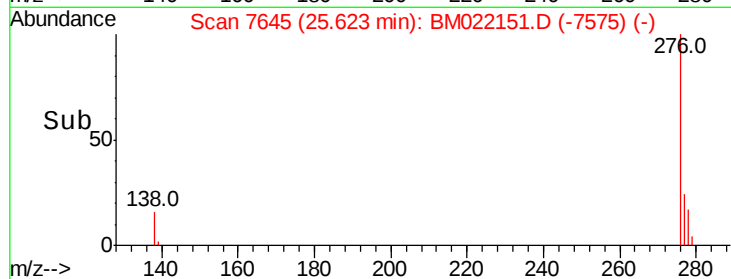
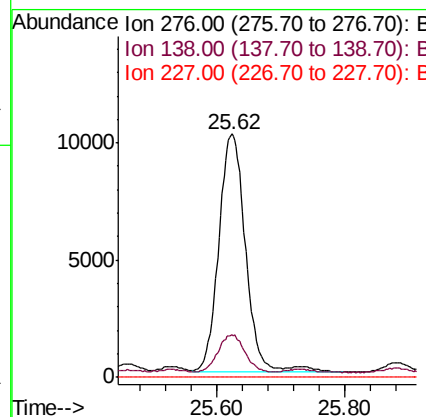
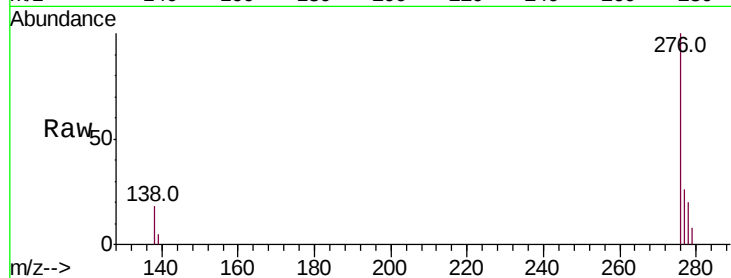
#24
Indeno(1,2,3-cd)pyrene
Concen: 1.794 ng/uL
RT: 25.62 min Scan# 7645
Delta R.T. -0.03 min
Lab File: BM022151.D
Acq: 15 Aug 2019 19:46

Instrument :
BNA_M
ClientSampled :
C0AF9

Tot Ion	Ratio	Lower	Upper
276	100		
138	15.6	15.1	22.7
227	0.0	0.0	0.0

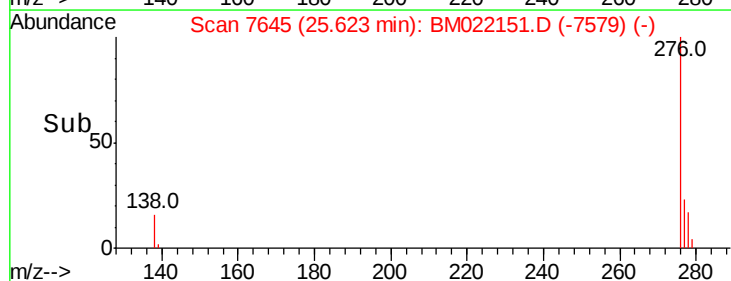
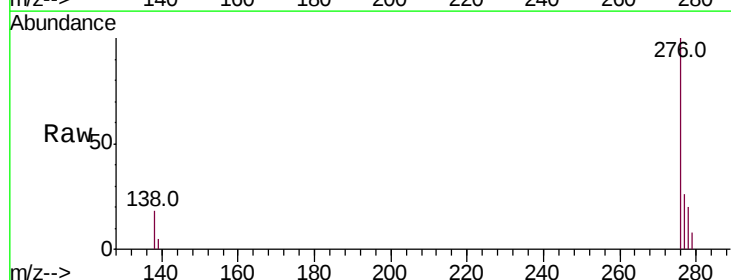
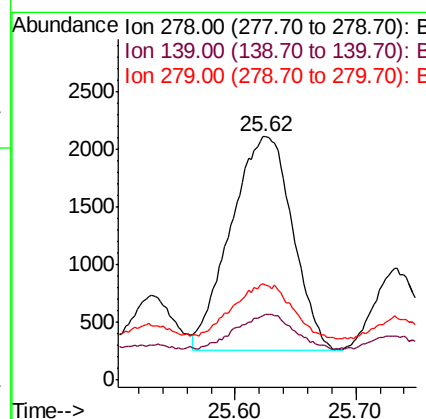
Manual Integrations
APPROVED

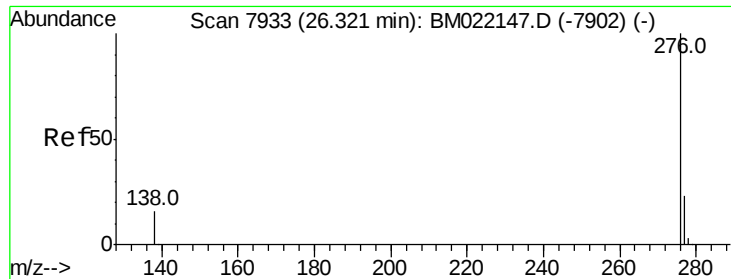
mohammad
8/19/2019 10:45:44 AM



#25
Dibenzo(a,h)anthracene
Concen: 0.501 ng/uL
RT: 25.62 min Scan# 7645
Delta R.T. -0.04 min
Lab File: BM022151.D
Acq: 15 Aug 2019 19:46

Tgt Ion	Ratio	Lower	Upper
278	100		
139	26.5	14.2	21.2#
279	39.4	28.3	42.5





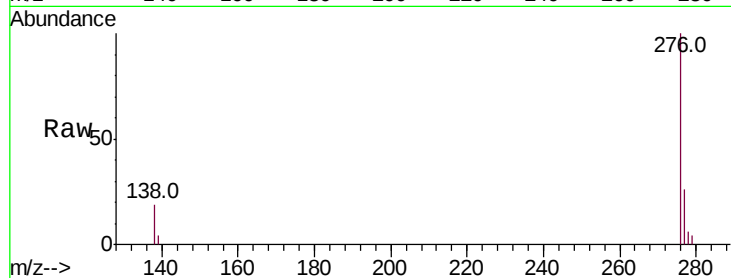
#26
 Benzo(a,h,i)perylene
 Concen: 1.625 ng/ul
 RT: 26.30 min Scan# 7926
 Delta R.T. -0.03 min
 Lab File: BM022151.D
 Acq: 15 Aug 2019 19:46

Instrument :
 BNA_M
 ClientSampleId :
 C0AF9

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.5	15.5	23.3
277	26.2	21.4	32.2

Manual Integrations
 APPROVED

mohammad
 8/19/2019 10:45:44 AM



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

