

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081219\
 Data File : BM022051.D
 Acq On : 13 Aug 2019 03:31
 Operator : HP/JU
 Sample : K4041-15
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENW8

Manual Integrations
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mohammad
 8/14/2019 2:48:18 AM

Quant Time: Aug 13 09:04:39 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 : Tue Aug 13 08:25:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	801	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.38	136	3271	0.40	ng/ul	-0.03
6) Acenaphthene-d10	14.26	164	1772	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.01	188	4823m	0.40	ng/ul	-0.03
16) Chrysene-d12	21.22	240	4828m	0.40	ng/ul	-0.02
20) Perylene-d12	23.43	264	4710m	0.40	ng/ul	-0.03
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.99	152	1214	0.23	ng/ul	-0.03
14) Fluoranthene-d10	19.05	212	3773m	0.23	ng/ul	-0.02
Target Compounds					Ovalue	
3) Naphthalene	10.43	128	3946	0.427	ng/ul	96
5) 2-Methylnaphthalene	12.06	142	2746	0.446	ng/ul	99
7) Acenaphthylene	13.98	152	10924	1.322	ng/ul#	81
8) Acenaphthene	14.32	153	4624	0.684	ng/ul	97
9) Fluorene	15.32	166	4261	0.567	ng/ul	99
11) Pentachlorophenol	16.68	266	104m	0.117	ng/ul	
12) Phenanthrene	17.06	178	119538m	8.518	ng/ul	
13) Anthracene	17.15	178	29774m	2.487	ng/ul	
15) Fluoranthene	19.08	202	252364m	13.425	ng/ul	
17) Pyrene	19.45	202	343778	17.328	ng/ul	98
18) Benzo(a)anthracene	21.20	228	230678m	13.358	ng/ul	
19) Chrysene	21.25	228	236960	10.669	ng/ul	99
21) Benzo(b)fluoranthene	22.77	252	252224m	15.880	ng/ul	
22) Benzo(k)fluoranthene	22.81	252	85006m	4.729	ng/ul	
23) Benzo(a)pyrene	23.33	252	217446m	13.462	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.63	276	123293m	6.393	ng/ul	
25) Dibenzo(a,h)anthracene	25.63	278	40847m	2.620	ng/ul	
26) Benzo(g,h,i)perylene	26.32	276	137681m	7.930	ng/ul	

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

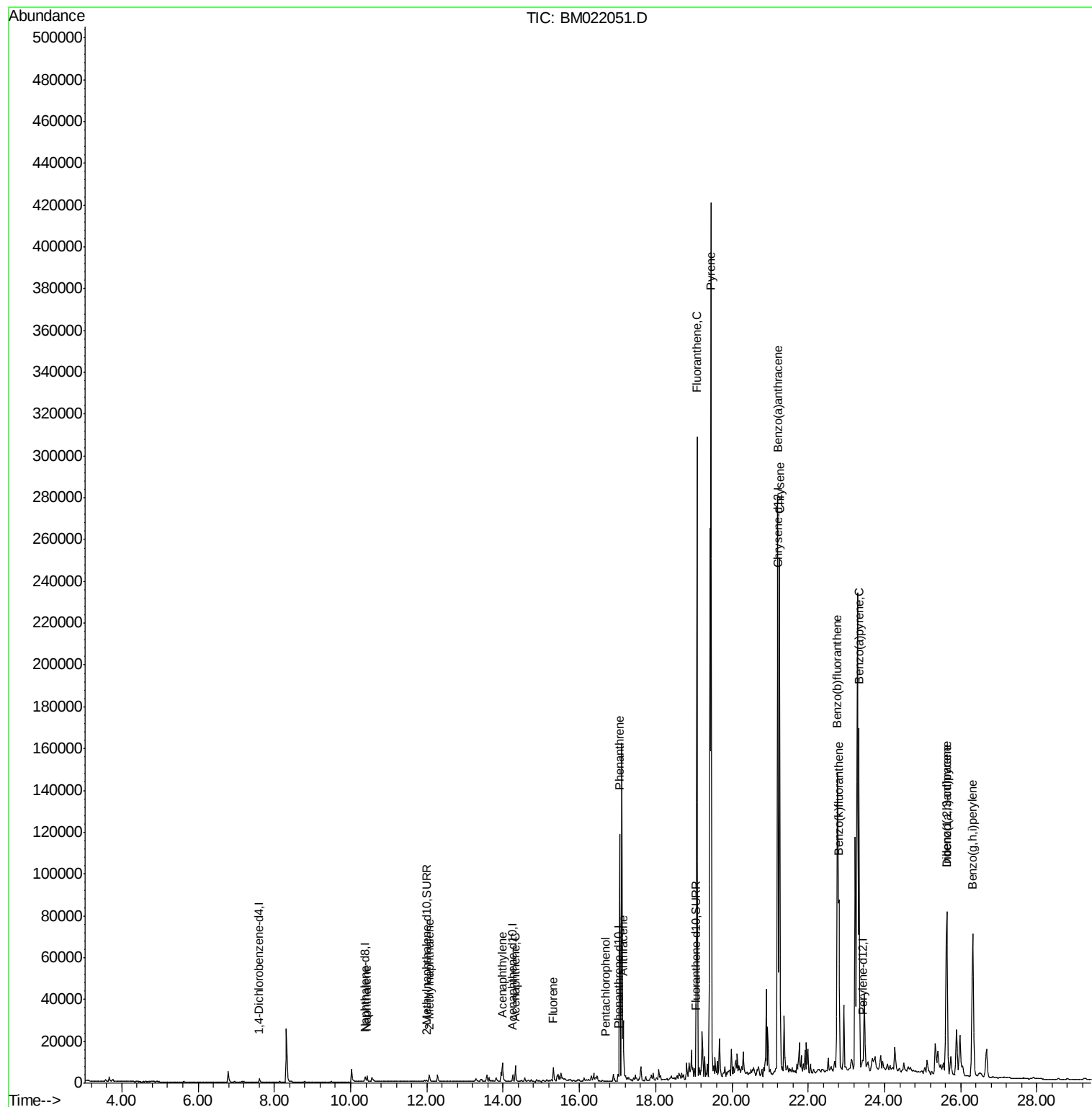
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081219\
Data File : BM022051.D
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Misc :
ALS Vial : 31 Sample Multiplier: 1

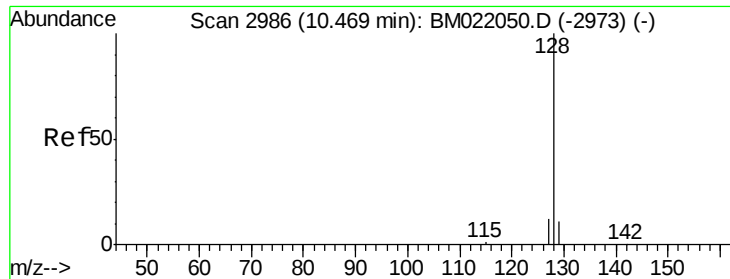
Instrument :
BNA_M
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Quant Time: Aug 13 09:04:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M
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QLast Update : Tue Aug 13 08:25:01 2019
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#3

Naphthalene

Concen: 0.427 ng/ul

RT: 10.43 min Scan# 2977

Delta R.T. -0.03 min

Lab File: BM022051.D

Acq: 13 Aug 2019 03:31

Instrument :

BNA_M

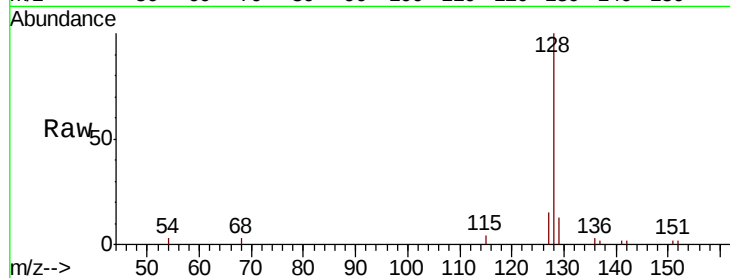
ClientSampleId :

BENW8

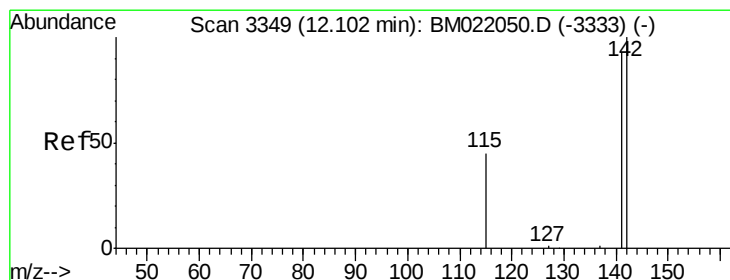
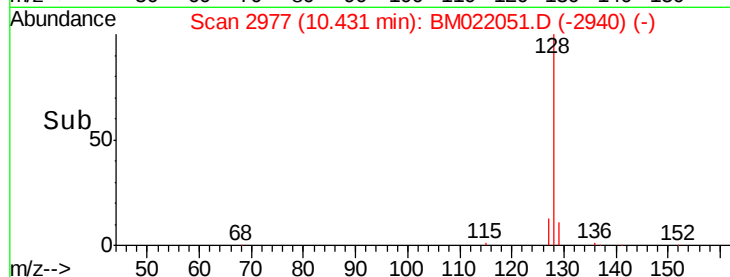
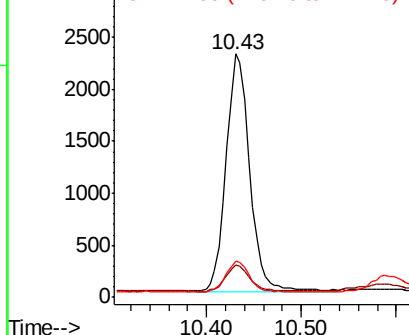
Tot Ion:	128	Resp:	3946
Ion	Ratio	Lower	Upper
128	100		
129	13.3	12.3	18.5
127	15.0	13.0	19.6

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.446 ng/ul

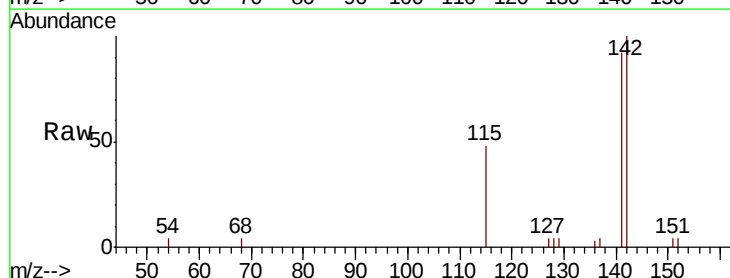
RT: 12.06 min Scan# 3340

Delta R.T. -0.03 min

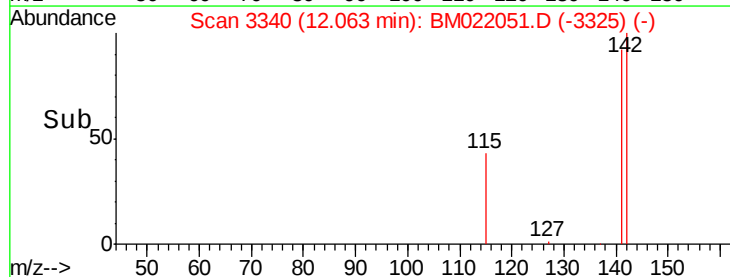
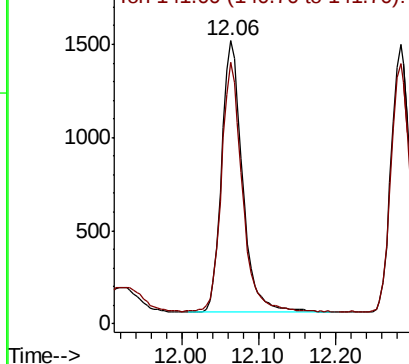
Lab File: BM022051.D

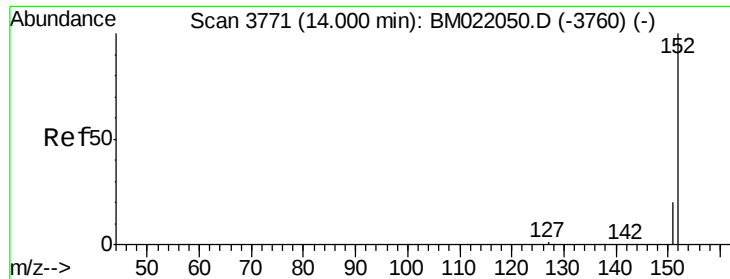
Acq: 13 Aug 2019 03:31

Tgt Ion:	142	Resp:	2746
Ion	Ratio	Lower	Upper
142	100		
141	91.8	74.3	111.5



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 1.322 ng/ul

RT: 13.98 min Scan# 3767

Delta R.T. -0.02 min

Lab File: BM022051.D

Acq: 13 Aug 2019 03:31

Instrument :

BNA_M

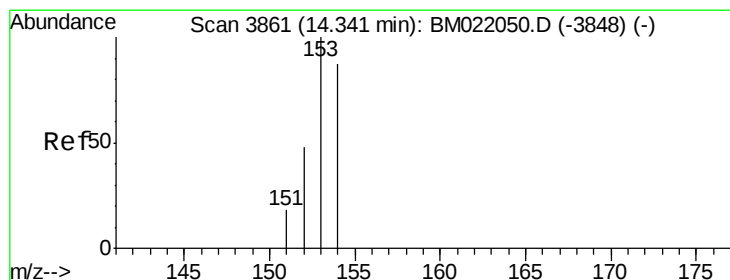
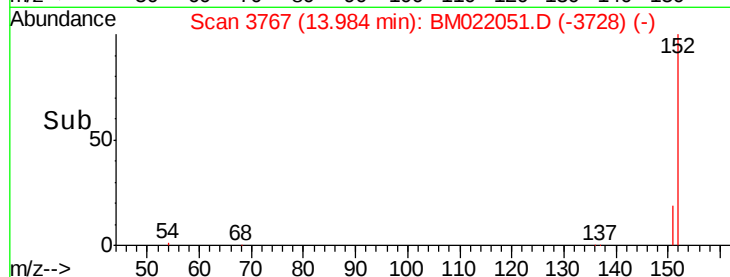
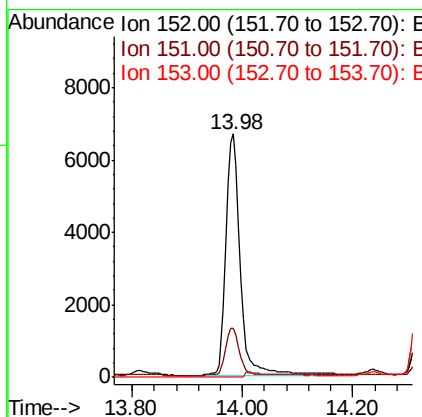
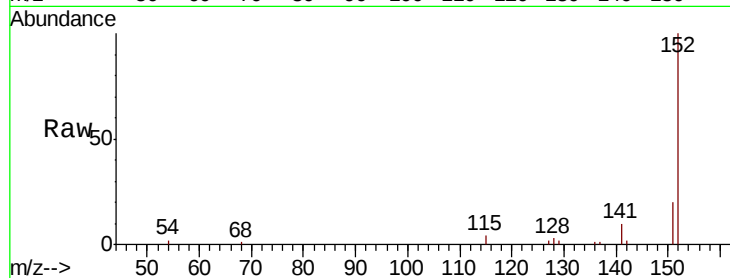
ClientSampleId :

BENW8

Tot Ion:	152	Resp:	10924
Ion Ratio	Lower	Upper	
152	100		
151	20.3	18.3	27.5
153	0.0	12.8	19.2#

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#8

Acenaphthene

Concen: 0.684 ng/ul

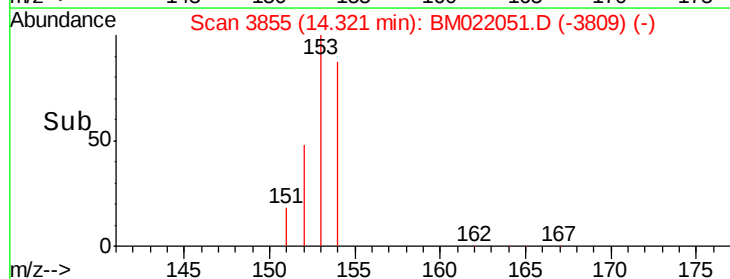
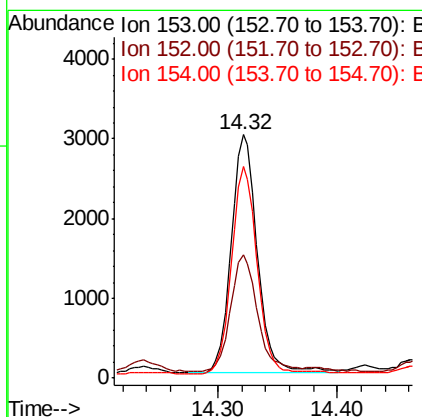
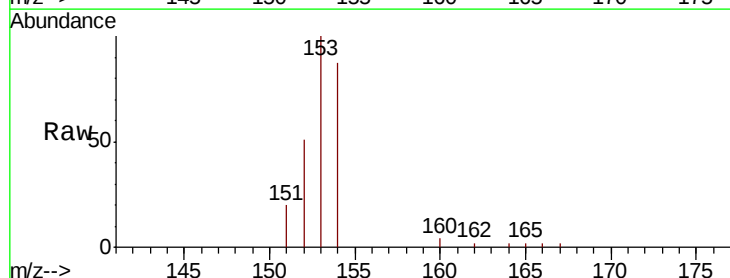
RT: 14.32 min Scan# 3855

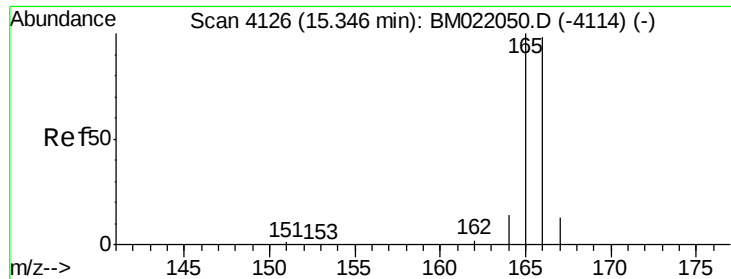
Delta R.T. -0.02 min

Lab File: BM022051.D

Acq: 13 Aug 2019 03:31

Tgt Ion:	153	Resp:	4624
Ion Ratio	Lower	Upper	
153	100		
152	50.6	41.3	61.9
154	86.9	72.3	108.5





#9

Fluorene

Concen: 0.567 ng/ul

RT: 15.32 min Scan# 4118

Delta R.T. -0.03 min

Lab File: BM022051.D

Acq: 13 Aug 2019 03:31

Instrument :

BNA_M

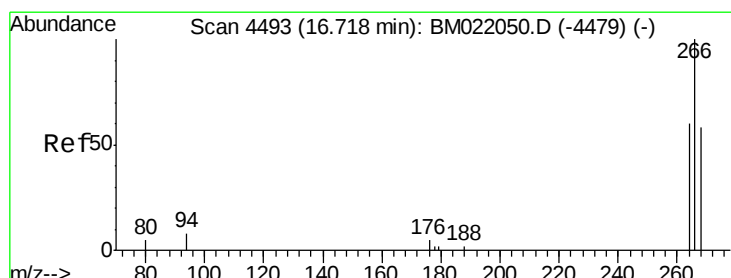
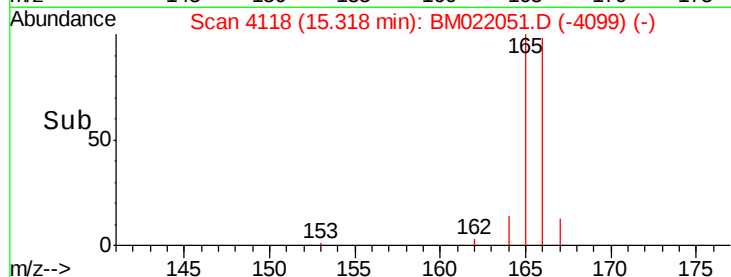
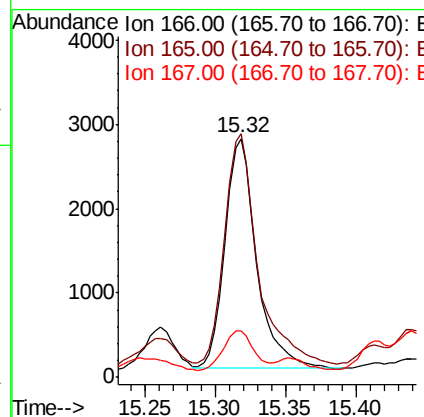
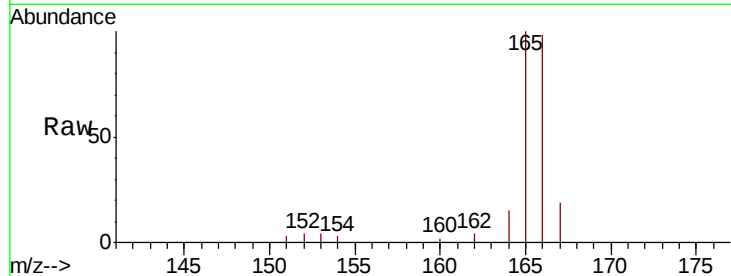
ClientSampleId :

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Tot Ion:	166	Resp:	4261
Ion Ratio	Lower	Upper	
166	100		
165	102.1	81.4	122.0
167	19.4	13.7	20.5

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#11

Pentachlorophenol

Concen: 0.117 ng/ul m

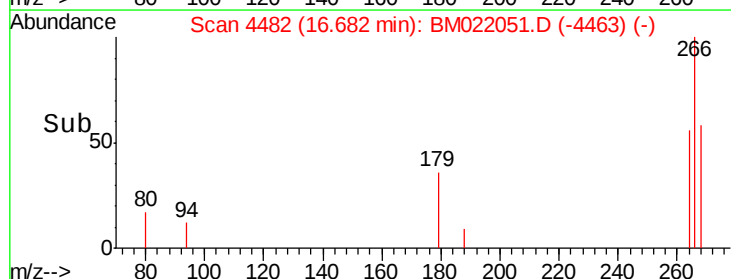
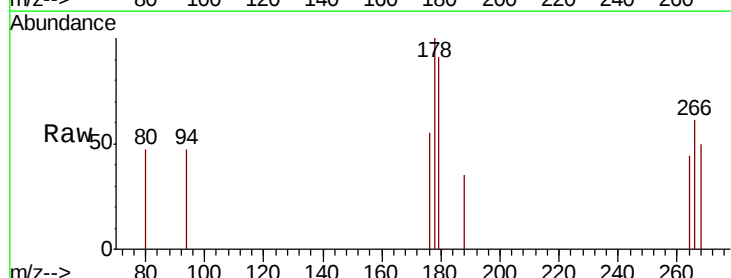
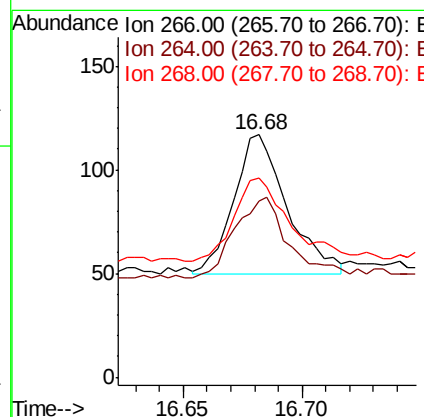
RT: 16.68 min Scan# 4482

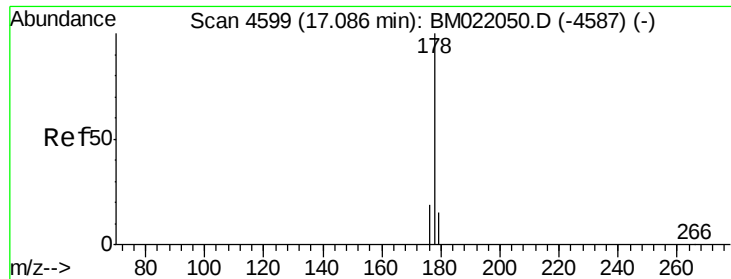
Delta R.T. -0.03 min

Lab File: BM022051.D

Acq: 13 Aug 2019 03:31

Tgt Ion:	266	Resp:	104
Ion Ratio	Lower	Upper	
266	100		
264	1.0	54.2	81.2#
268	2.9	57.6	86.4#





#12

Phenanthrene

Concen: 8.518 ng/ul m

RT: 17.06 min Scan# 4590

Delta R.T. -0.03 min

Lab File: BM022051.D

Acq: 13 Aug 2019 03:31

Instrument :

BNA_M

ClientSampleId :

BENW8

Tot Ion:178 Resp: 119538

Ion Ratio Lower Upper

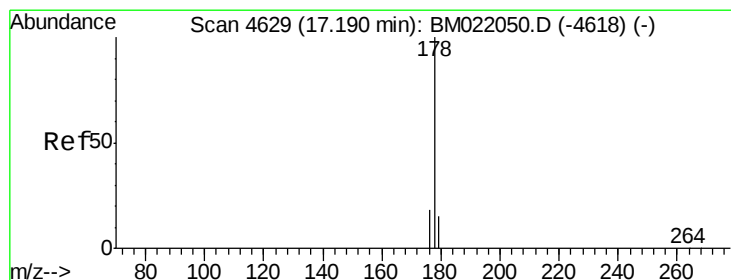
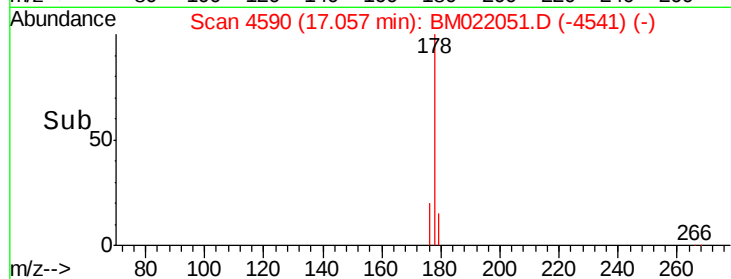
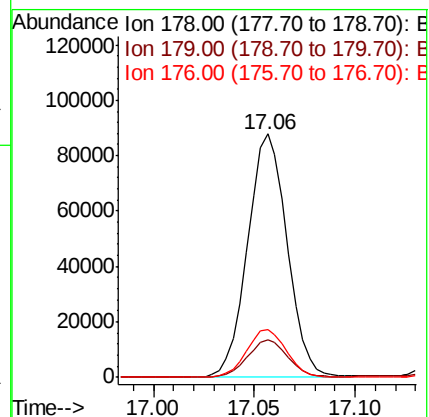
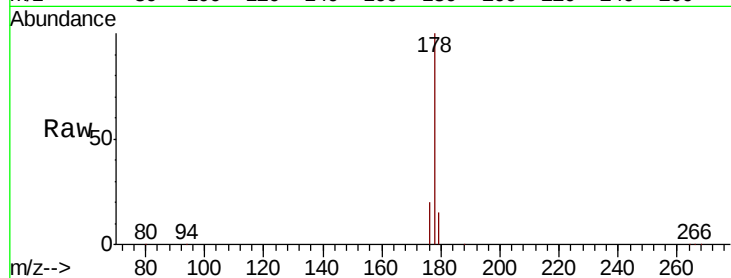
178 100

179 15.4 14.2 21.2

176 19.7 16.8 25.2

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#13

Anthracene

Concen: 2.487 ng/ul m

RT: 17.15 min Scan# 4617

Delta R.T. -0.03 min

Lab File: BM022051.D

Acq: 13 Aug 2019 03:31

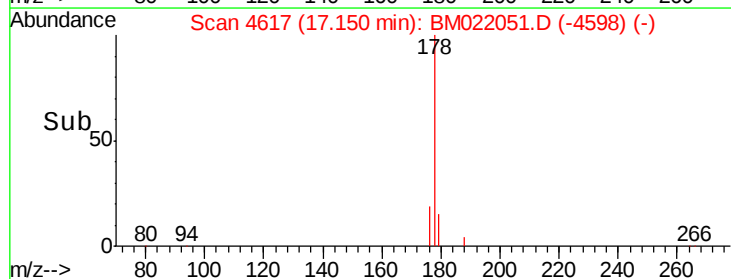
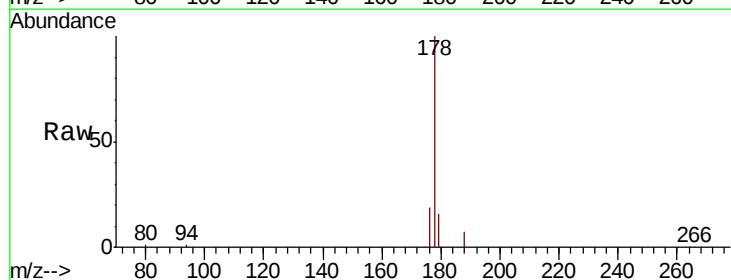
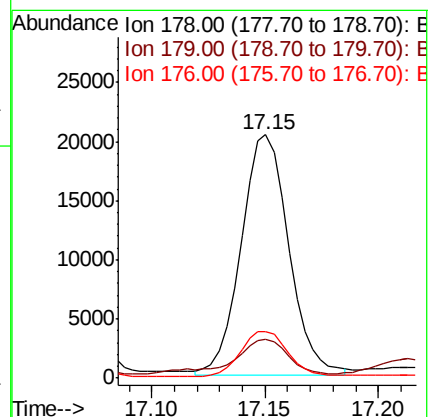
Tgt Ion:178 Resp: 29774

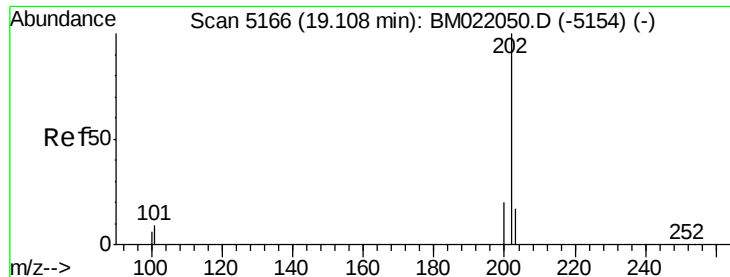
Ion Ratio Lower Upper

178 100

179 16.2 15.5 23.3

176 19.3 16.6 25.0





#15

Fluoranthene

Concen: 13.425 ng/ul m

RT: 19.08 min Scan# 5159

Delta R.T. -0.02 min

Lab File: BM022051.D

Acq: 13 Aug 2019 03:31

Instrument :

BNA_M

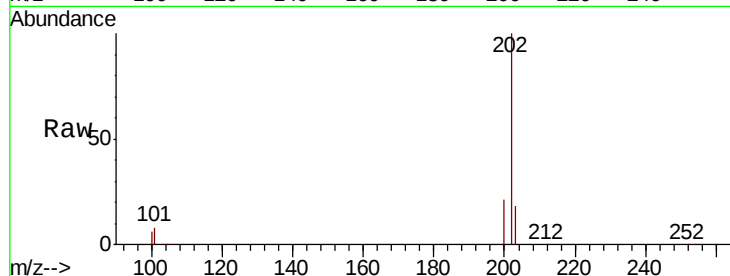
ClientSampleId :

BENW8

Tot Ion:	202	Resp:	252364
Ion Ratio	Lower	Upper	
202	100		
101	8.3	0.0	30.2
100	6.3	0.0	28.1

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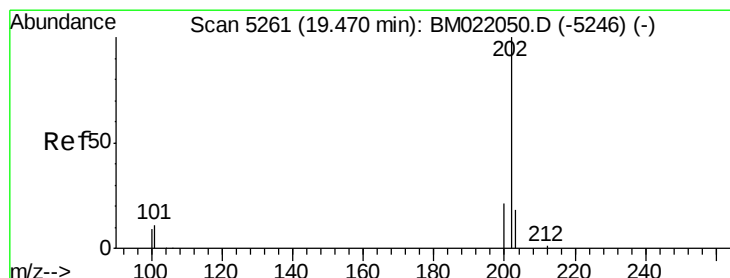
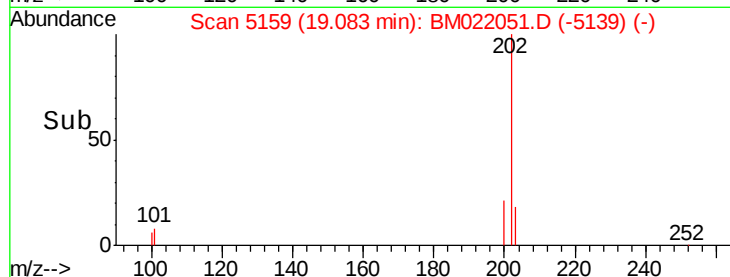
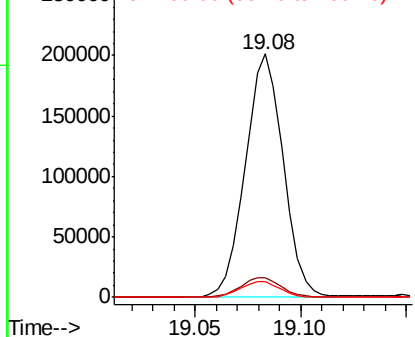


Abundance

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



#17

Pyrene

Concen: 17.328 ng/ul

RT: 19.45 min Scan# 5255

Delta R.T. -0.02 min

Lab File: BM022051.D

Acq: 13 Aug 2019 03:31

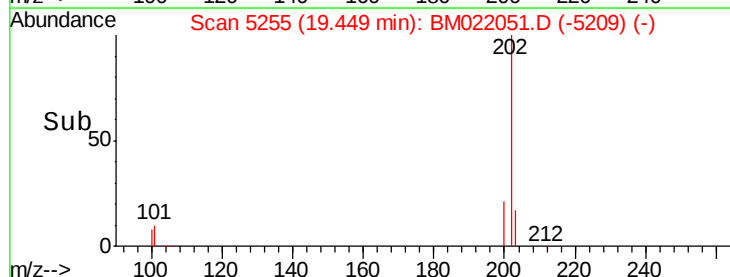
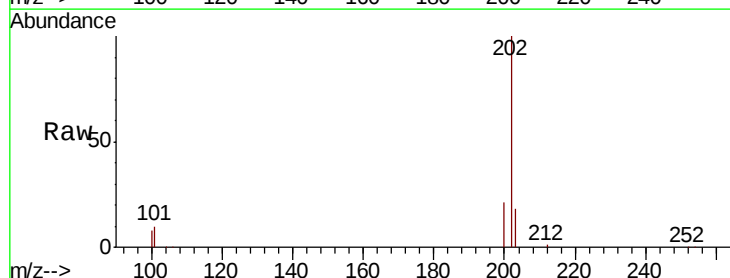
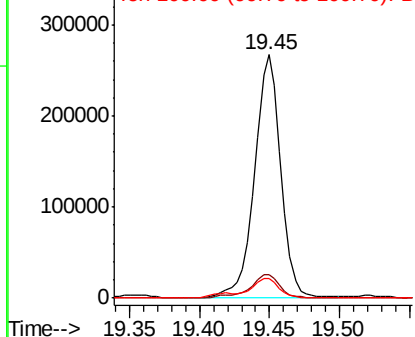
Tgt Ion:	202	Resp:	343778
Ion Ratio	Lower	Upper	
202	100		
101	9.6	8.3	12.5
100	8.0	7.2	10.8

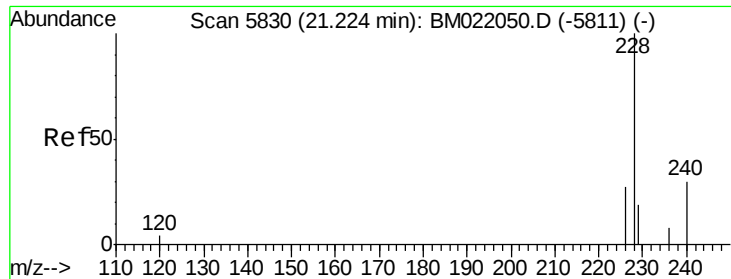
Abundance

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





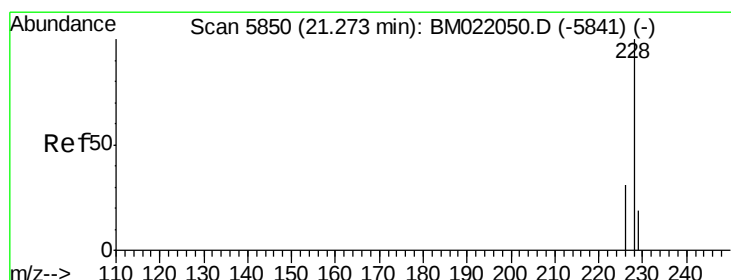
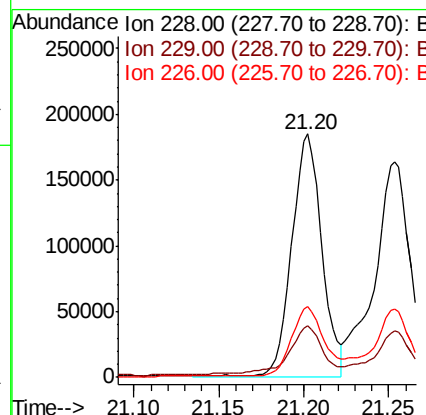
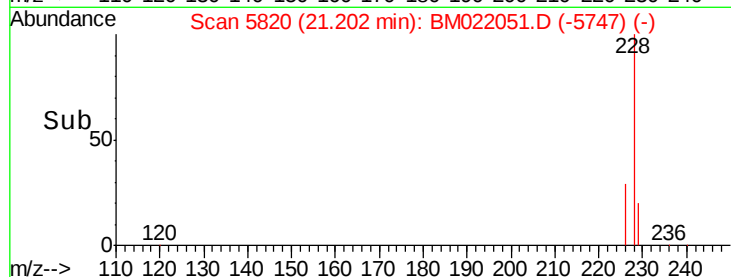
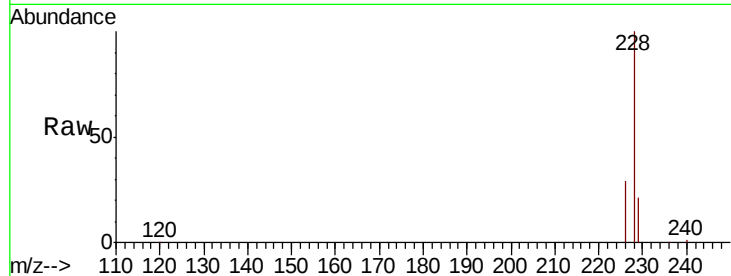
#18
Benzo(a)anthracene
Concen: 13.358 ng/ul m
RT: 21.20 min Scan# 5820
Delta R.T. -0.02 min
Lab File: BM022051.D
Acq: 13 Aug 2019 03:31

Instrument :
BNA_M
ClientSampleId :
BENW8

Tot Ion	Ratio	Resp	Lower	Upper
228	100	230678		
229	21.1	17.2	25.8	
226	29.0	22.6	34.0	

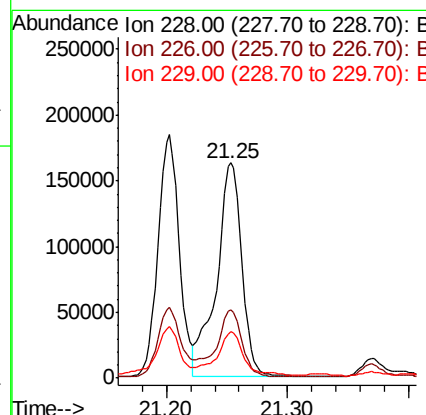
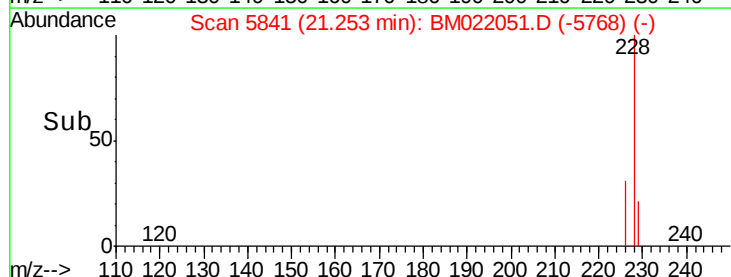
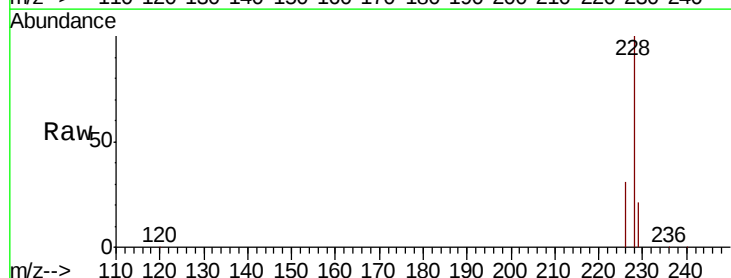
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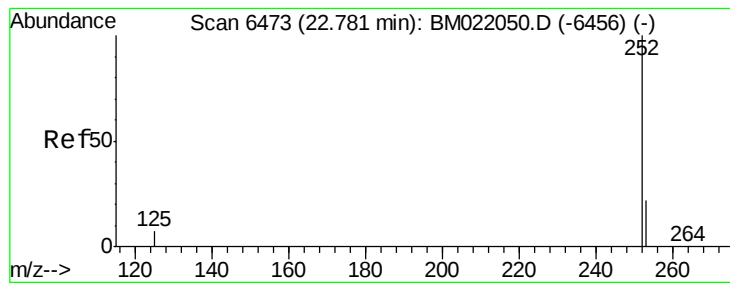
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#19
Chrysene
Concen: 10.669 ng/ul
RT: 21.25 min Scan# 5841
Delta R.T. -0.02 min
Lab File: BM022051.D
Acq: 13 Aug 2019 03:31

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	236960		
226	31.5	24.9	37.3	
229	21.4	16.6	25.0	





#21

Benzo(b)fluoranthene

Concen: 15.880 ng/ul m

RT: 22.77 min Scan# 6466

Delta R.T. -0.02 min

Lab File: BM022051.D

Acq: 13 Aug 2019 03:31

Instrument :

BNA_M

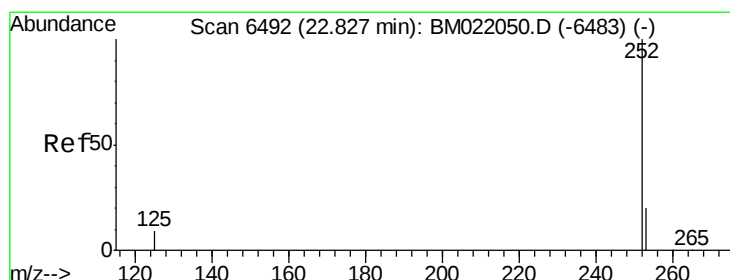
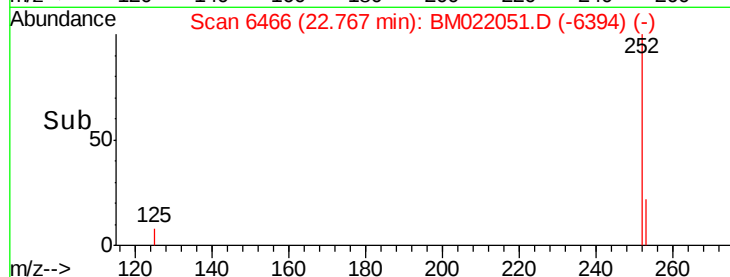
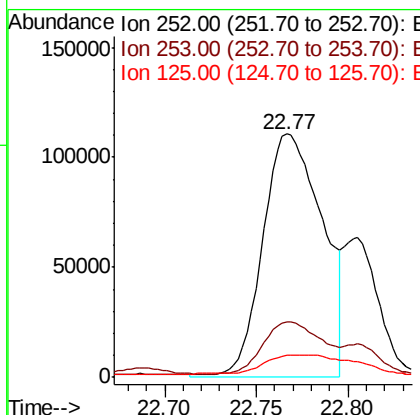
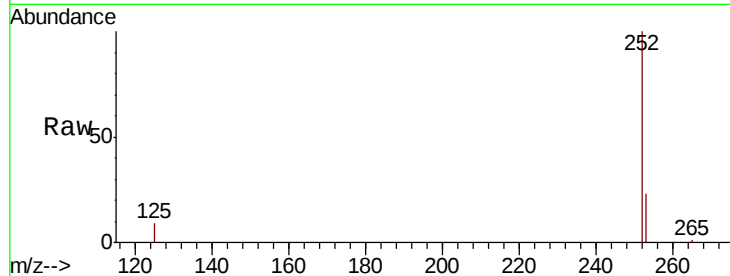
ClientSampled :

BENW8

Tot Ion:	252	Resp:	252224
Ion Ratio	Lower	Upper	
252	100		
253	23.0	0.0	67.4
125	8.9	0.0	31.0

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#22

Benzo(k)fluoranthene

Concen: 4.729 ng/ul m

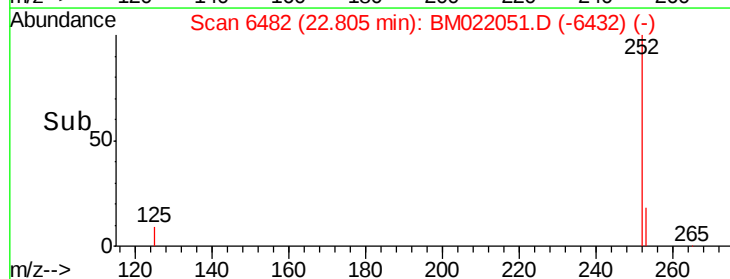
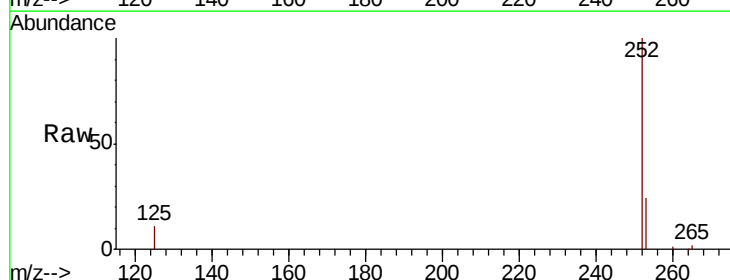
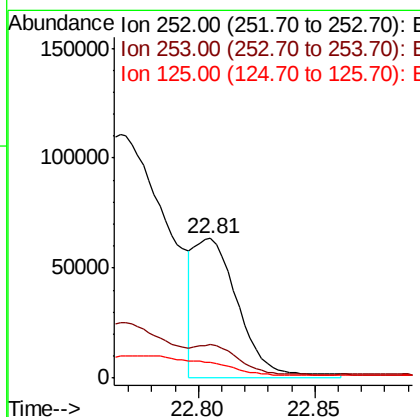
RT: 22.81 min Scan# 6482

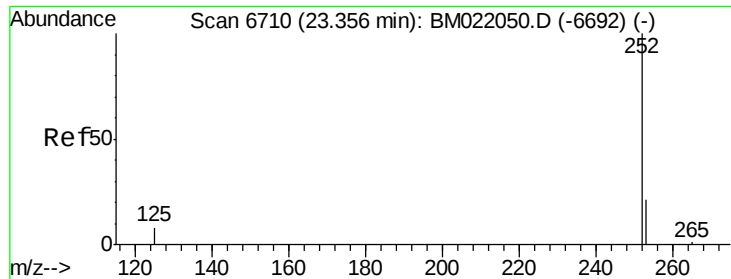
Delta R.T. -0.03 min

Lab File: BM022051.D

Acq: 13 Aug 2019 03:31

Tgt Ion:	252	Resp:	85006
Ion Ratio	Lower	Upper	
252	100		
253	23.9	27.0	40.4#
125	11.0	12.2	18.2#





#23

Benzo(a)pyrene

Concen: 13.462 ng/ul m

RT: 23.33 min Scan# 6699

Delta R.T. -0.03 min

Lab File: BM022051.D

Acq: 13 Aug 2019 03:31

Instrument :

BNA_M

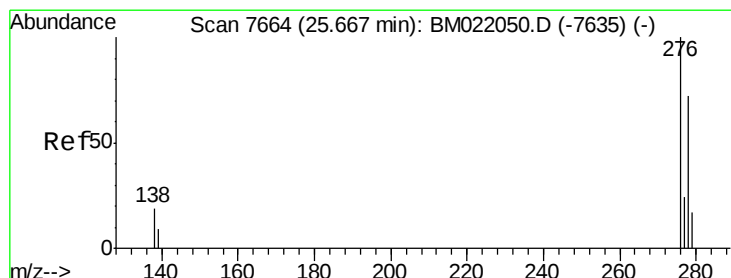
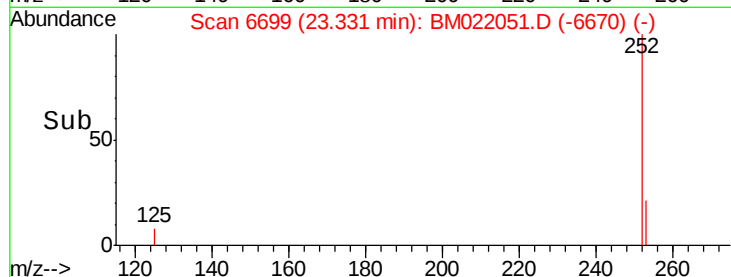
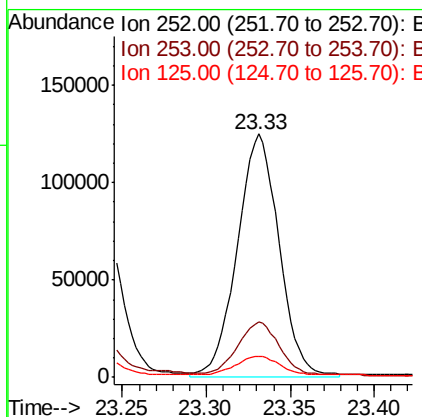
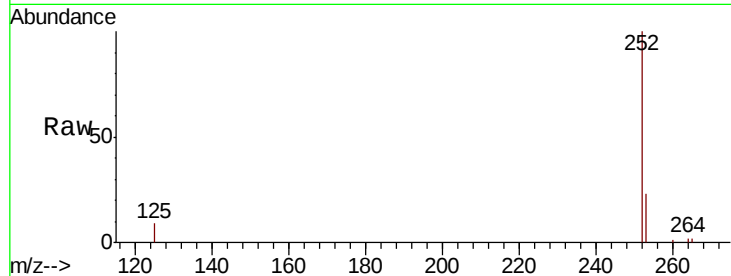
ClientSampleId :

BENW8

Tot Ion:	252	Resp:	217446
Ion Ratio	Lower	Upper	
252	100		
253	22.8	31.7	47.5#
125	8.8	14.6	21.8#

Manual Integrations
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mohammad
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#24

Indeno(1,2,3-cd)pyrene

Concen: 6.393 ng/ul m

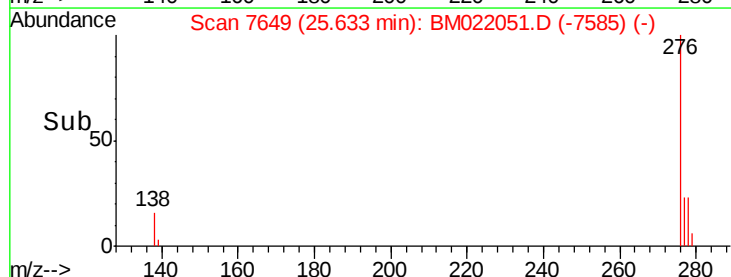
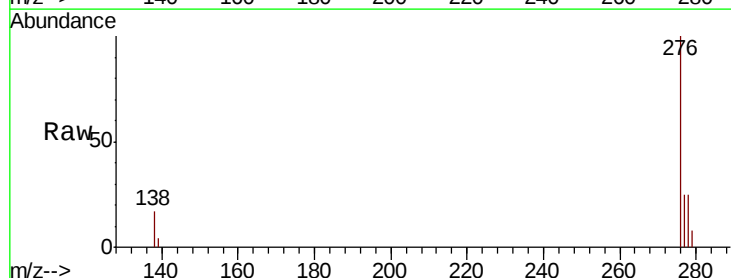
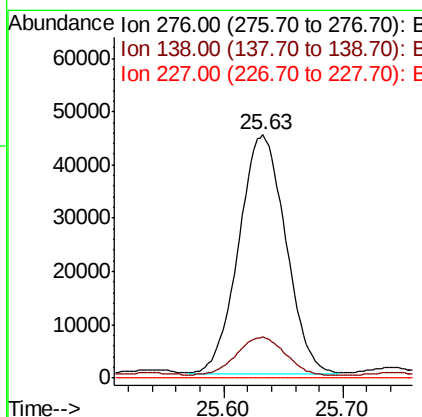
RT: 25.63 min Scan# 7649

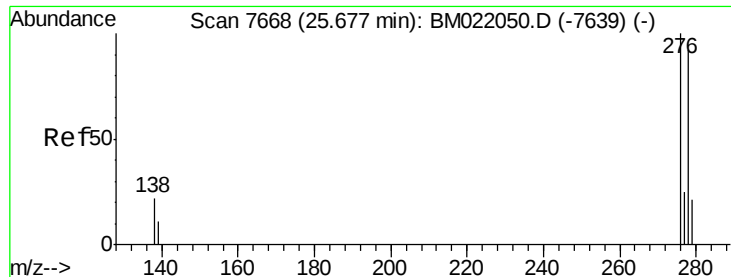
Delta R.T. -0.04 min

Lab File: BM022051.D

Acq: 13 Aug 2019 03:31

Tgt Ion:	276	Resp:	123293
Ion Ratio	Lower	Upper	
276	100		
138	1.2	15.1	22.7#
227	0.0	0.0	0.0





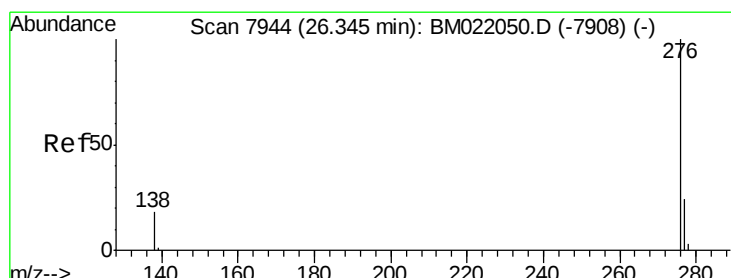
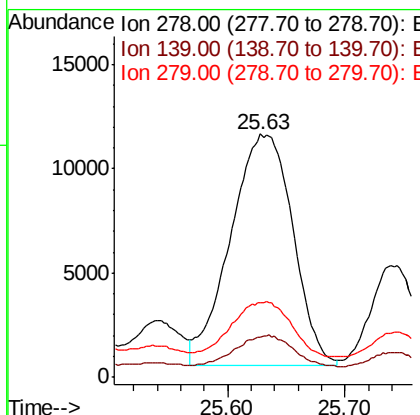
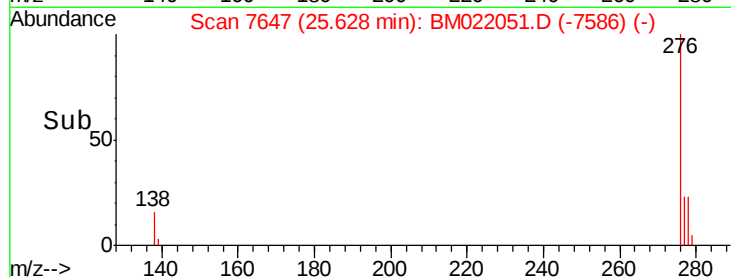
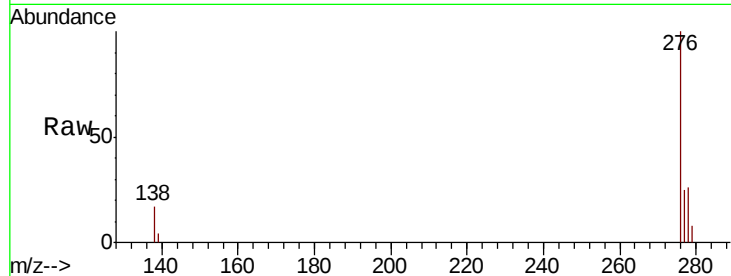
#25
Dibenzo(a,h)anthracene
Concen: 2.620 ng/ul m
RT: 25.63 min Scan# 7647
Delta R.T. -0.05 min
Lab File: BM022051.D
Acq: 13 Aug 2019 03:31

Instrument :
BNA_M
ClientSampleId :
BENW8

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.6	14.2	21.2
279	30.9	28.3	42.5

Manual Integrations
APPROVED

mohammad
8/14/2019 2:48:18 AM



#26
Benzo(g,h,i)perylene
Concen: 7.930 ng/ul m
RT: 26.32 min Scan# 7931
Delta R.T. -0.04 min
Lab File: BM022051.D
Acq: 13 Aug 2019 03:31

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.9	15.5	23.3
277	24.6	21.4	32.2

