

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081219\
 Data File : BM022053.D
 Acq On : 13 Aug 2019 04:44
 Operator : HP/JU
 Sample : K4041-01
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENW1

Manual Integrations
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mohammad
 8/14/2019 2:48:21 AM

Quant Time: Aug 13 09:15:37 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	922	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.38	136	3782	0.40	ng/ul	-0.03
6) Acenaphthene-d10	14.26	164	2082	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.01	188	4849m	0.40	ng/ul	-0.03
16) Chrysene-d12	21.22	240	4707m	0.40	ng/ul	-0.02
20) Perylene-d12	23.43	264	4806m	0.40	ng/ul	-0.03
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.00	152	1361	0.22	ng/ul	-0.02
14) Fluoranthene-d10	19.05	212	4118m	0.25	ng/ul	-0.02
Target Compounds					Ovalue	
3) Naphthalene	10.43	128	1426	0.133	ng/ul	96
5) 2-Methylnaphthalene	12.07	142	576	0.081	ng/ul	100
7) Acenaphthylene	13.98	152	11483	1.183	ng/ul#	82
8) Acenaphthene	14.32	153	1557	0.196	ng/ul	97
9) Fluorene	15.32	166	5345	0.606	ng/ul	99
12) Phenanthrene	17.06	178	96558m	6.844	ng/ul	
13) Anthracene	17.15	178	23783m	1.976	ng/ul	
15) Fluoranthene	19.08	202	171550m	9.077	ng/ul	
17) Pyrene	19.45	202	149116	7.709	ng/ul	98
18) Benzo(a)anthracene	21.20	228	82132m	4.878	ng/ul	
19) Chrysene	21.25	228	73499	3.394	ng/ul	99
21) Benzo(b)fluoranthene	22.77	252	98880m	6.101	ng/ul	
22) Benzo(k)fluoranthene	22.80	252	39983m	2.180	ng/ul	
23) Benzo(a)pyrene	23.33	252	69836	4.237	ng/ul#	76
24) Indeno(1,2,3-cd)pyrene	25.63	276	47050	2.391	ng/ul#	94
25) Dibenzo(a,h)anthracene	25.64	278	11997	0.754	ng/ul	97
26) Benzo(a,h,i)perylene	26.31	276	43235	2.440	ng/ul	96

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

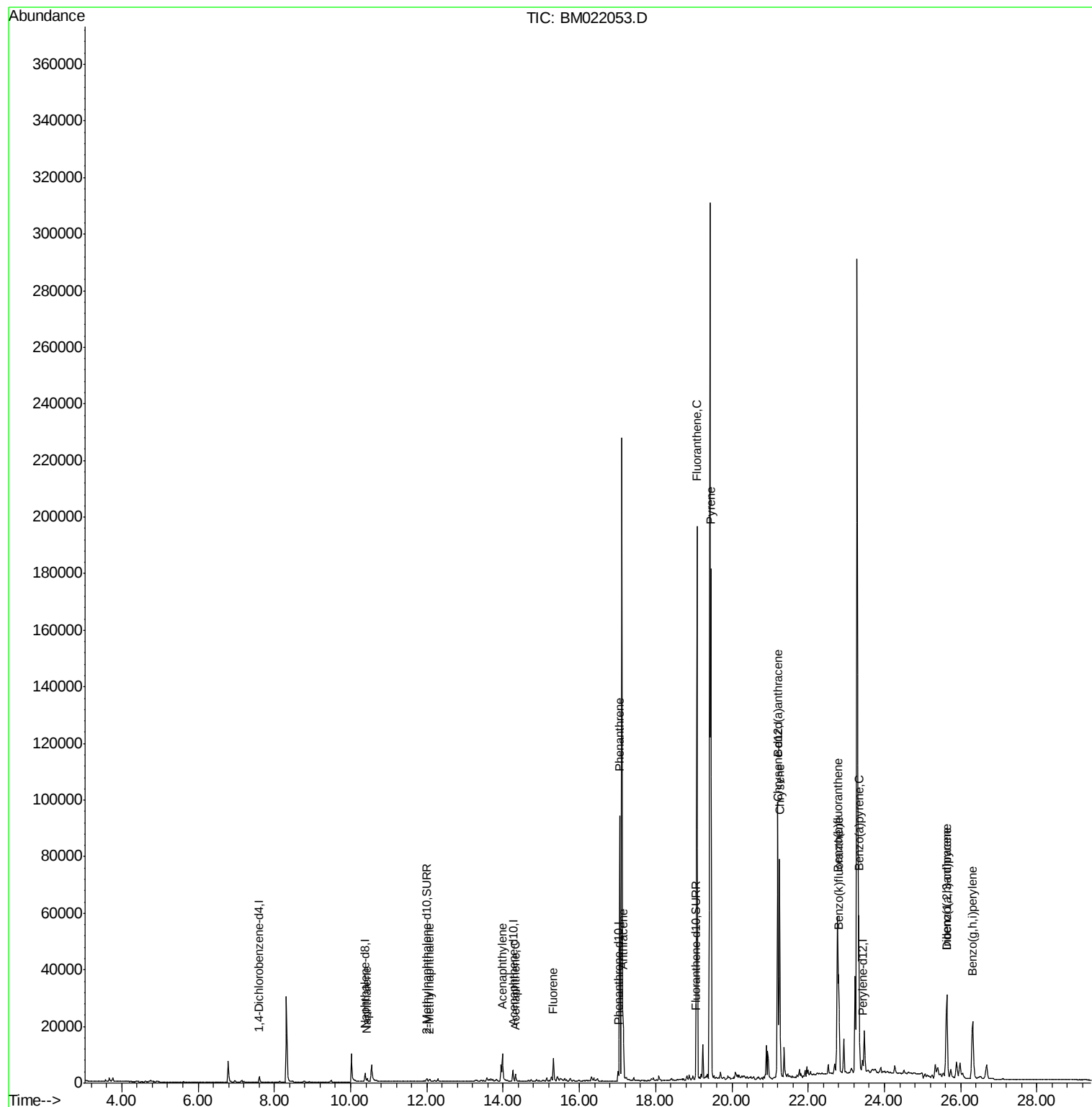
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081219\
Data File : BM022053.D
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Operator : HP/JU
Sample : K4041-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

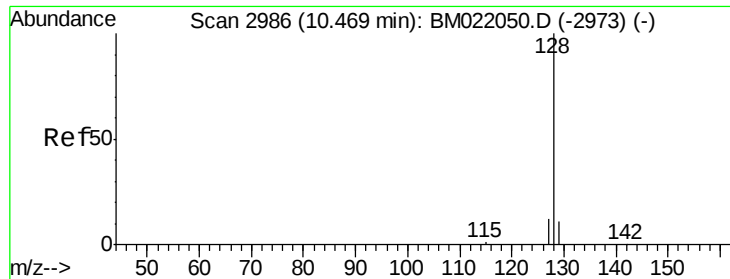
Instrument :
BNA_M
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M
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QLast Update : Tue Aug 13 08:25:01 2019
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#3

Naphthalene

Concen: 0.133 ng/ul

RT: 10.43 min Scan# 2977

Delta R.T. -0.03 min

Lab File: BM022053.D

Acq: 13 Aug 2019 04:44

Instrument :

BNA_M

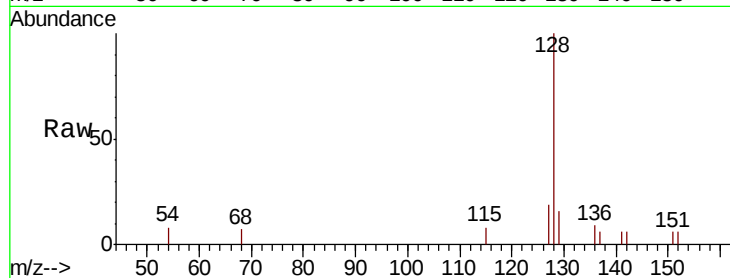
ClientSampleId :

BENW1

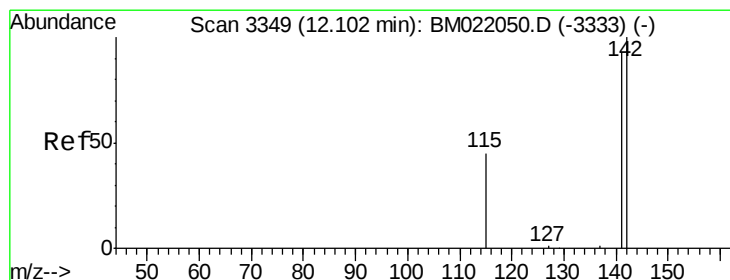
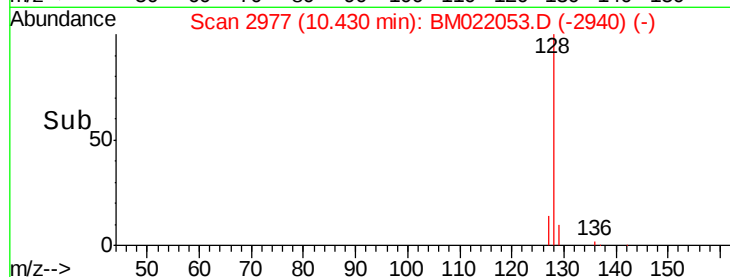
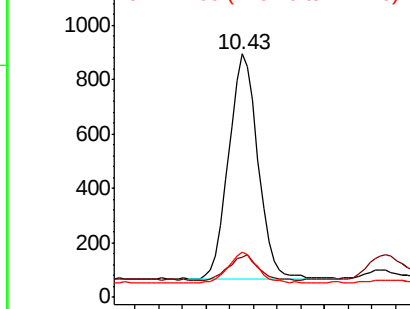
Tot Ion:	128	Resp:	1426
Ion	Ratio	Lower	Upper
128	100		
129	16.4	12.3	18.5
127	18.7	13.0	19.6

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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: 0.081 ng/ul

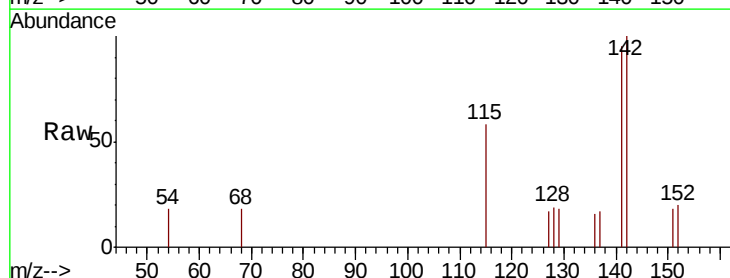
RT: 12.07 min Scan# 3341

Delta R.T. -0.03 min

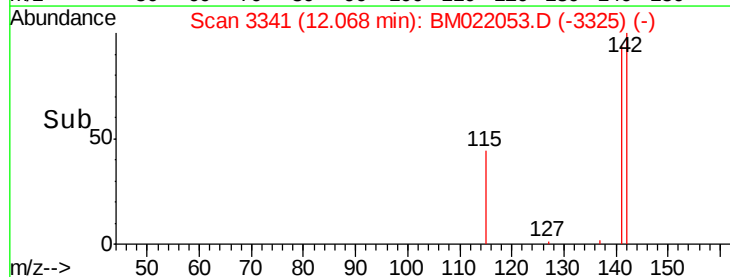
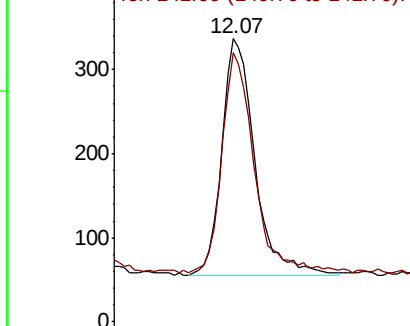
Lab File: BM022053.D

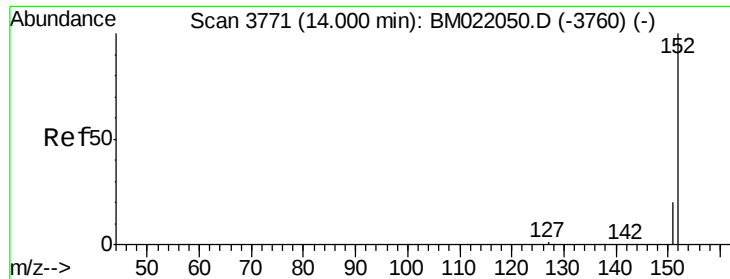
Acq: 13 Aug 2019 04:44

Tgt Ion:	142	Resp:	576
Ion	Ratio	Lower	Upper
142	100		
141	92.7	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: 1.183 ng/ul

RT: 13.98 min Scan# 3767

Delta R.T. -0.02 min

Lab File: BM022053.D

Acq: 13 Aug 2019 04:44

Instrument :

BNA_M

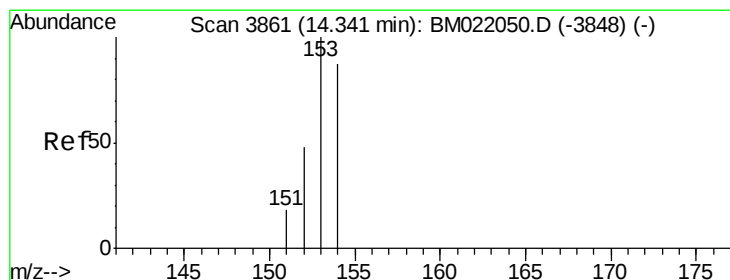
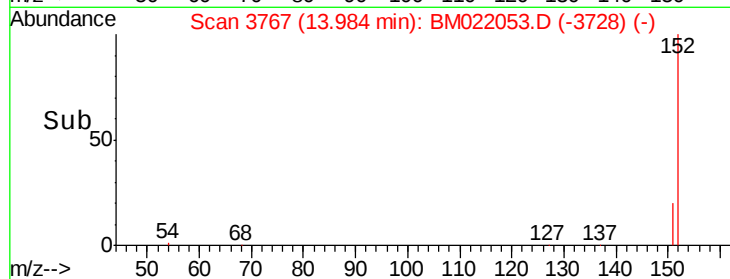
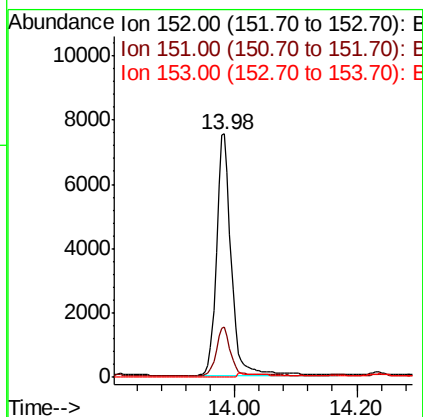
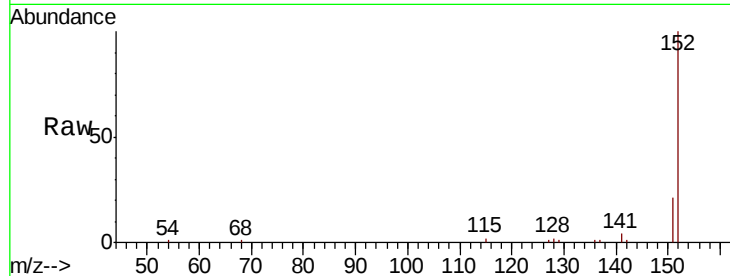
ClientSampleId :

BENW1

Tot Ion:	152	Resp:	11483
Ion Ratio	Lower	Upper	
152	100		
151	20.5	18.3	27.5
153	0.0	12.8	19.2#

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#8

Acenaphthene

Concen: 0.196 ng/ul

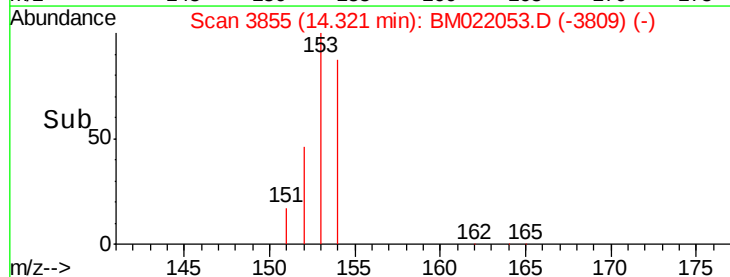
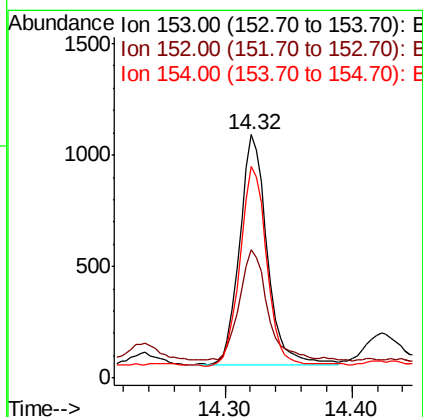
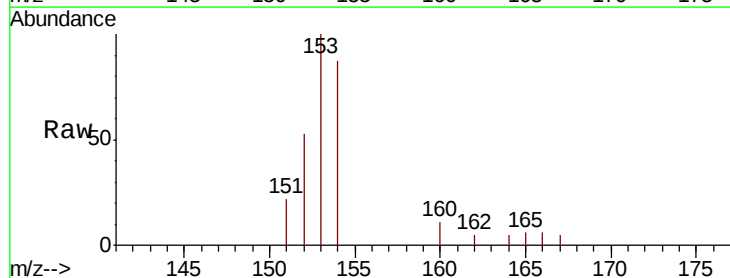
RT: 14.32 min Scan# 3855

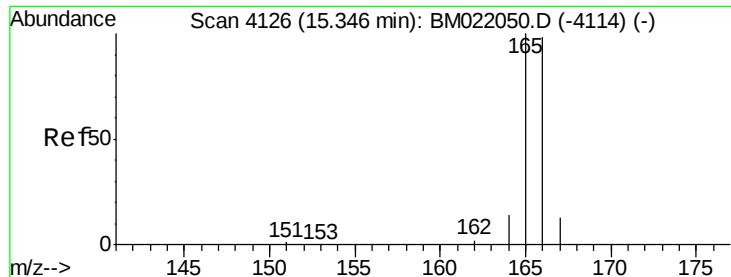
Delta R.T. -0.02 min

Lab File: BM022053.D

Acq: 13 Aug 2019 04:44

Tgt Ion:	153	Resp:	1557
Ion Ratio	Lower	Upper	
153	100		
152	52.7	41.3	61.9
154	87.2	72.3	108.5





#9

Fluorene

Concen: 0.606 ng/ul

RT: 15.32 min Scan# 4118

Delta R.T. -0.03 min

Lab File: BM022053.D

Acq: 13 Aug 2019 04:44

Instrument :

BNA_M

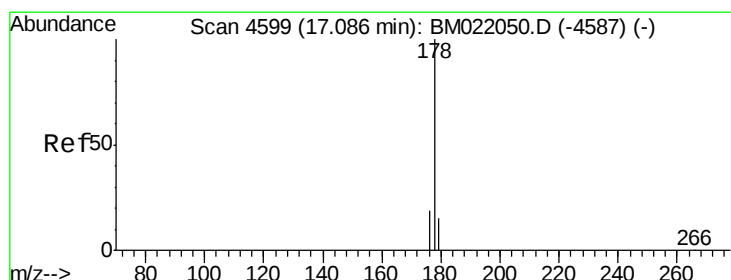
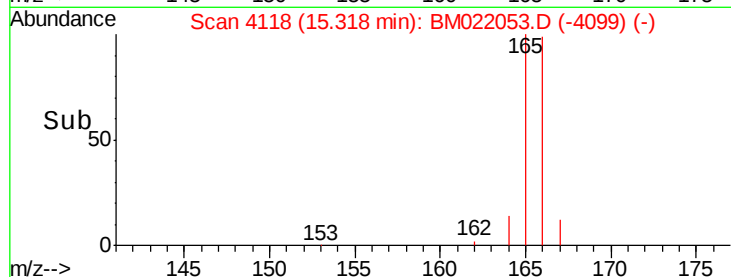
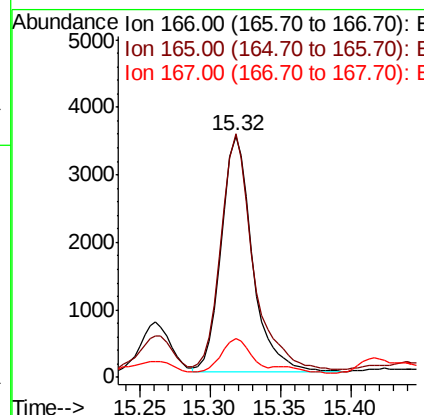
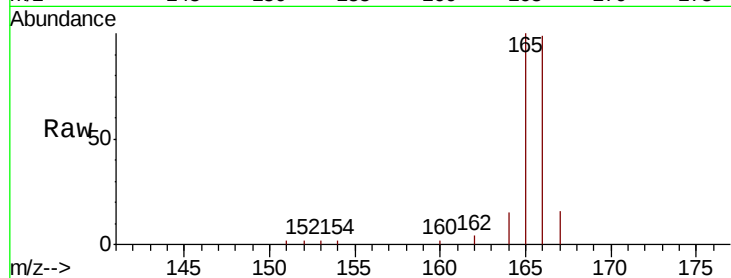
ClientSampleId :

BENW1

Tot Ion:	166	Resp:	5345
Ion	Ratio	Lower	Upper
166	100		
165	100.8	81.4	122.0
167	16.0	13.7	20.5

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#12

Phenanthrene

Concen: 6.844 ng/ul m

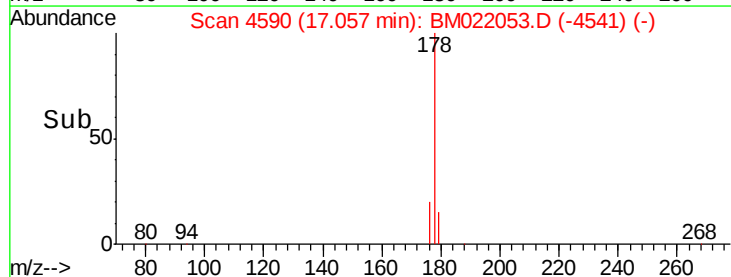
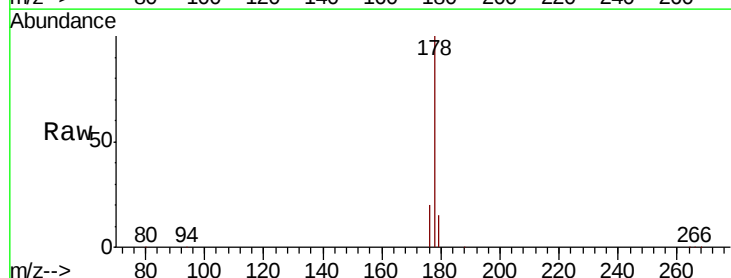
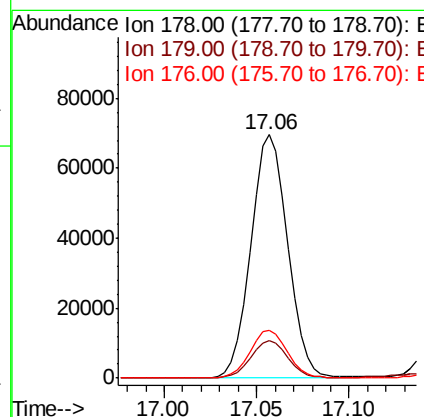
RT: 17.06 min Scan# 4590

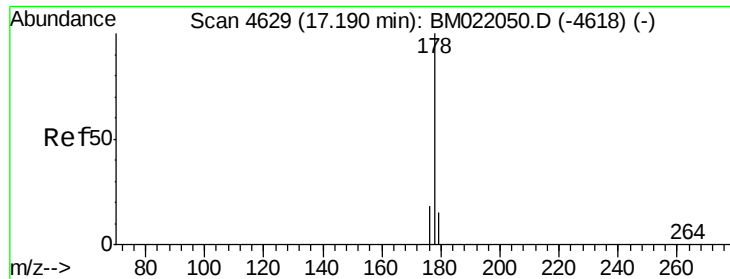
Delta R.T. -0.03 min

Lab File: BM022053.D

Acq: 13 Aug 2019 04:44

Tgt Ion:	178	Resp:	96558
Ion	Ratio	Lower	Upper
178	100		
179	15.4	14.2	21.2
176	19.7	16.8	25.2





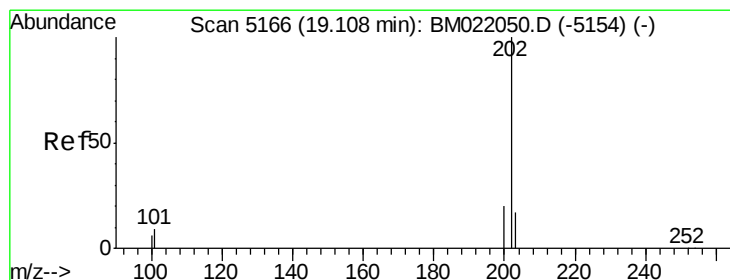
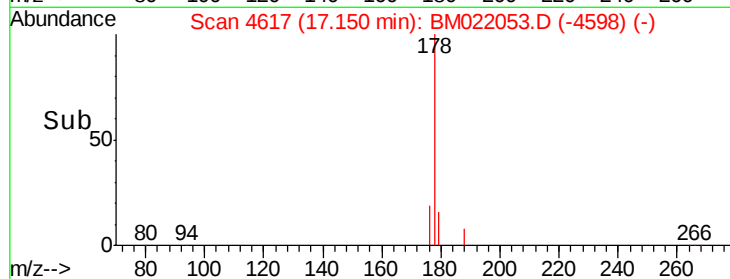
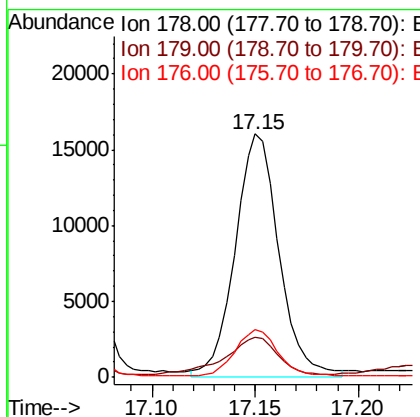
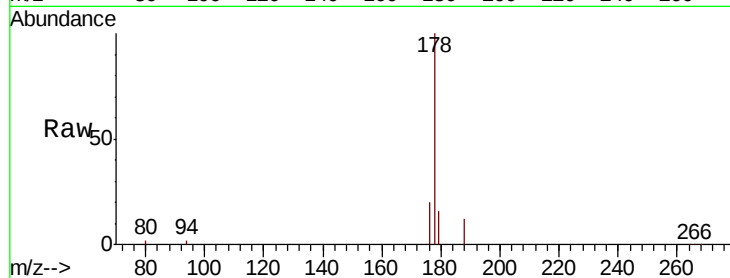
#13
 Anthracene
 Concen: 1.976 ng/ul m
 RT: 17.15 min Scan# 4617
 Delta R.T. -0.03 min
 Lab File: BM022053.D
 Acq: 13 Aug 2019 04:44

Instrument :
 BNA_M
 ClientSampleId :
 BENW1

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.4	15.5	23.3
176	19.6	16.6	25.0

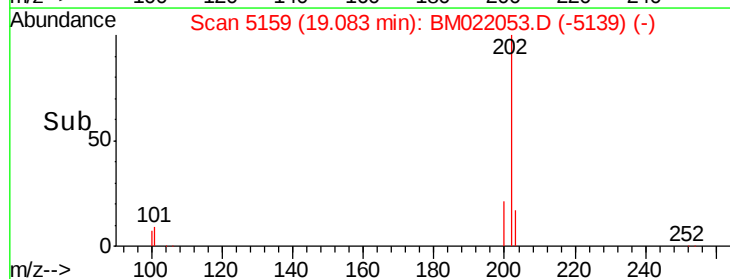
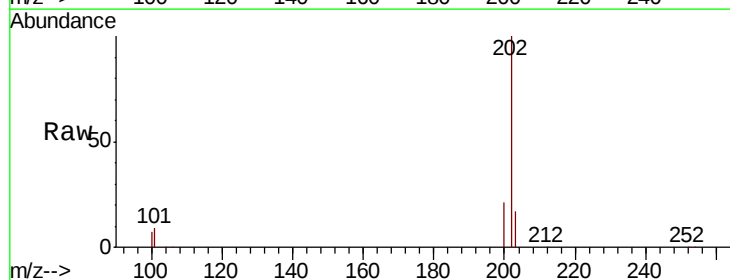
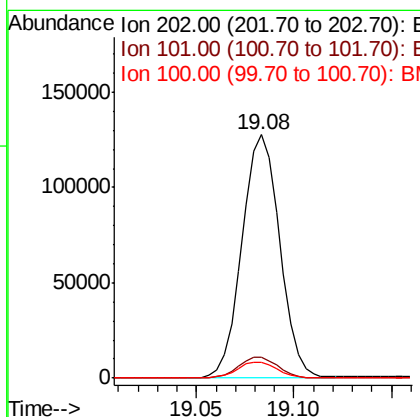
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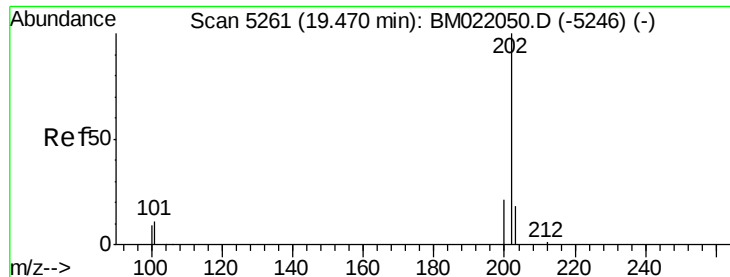
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#15
 Fluoranthene
 Concen: 9.077 ng/ul m
 RT: 19.08 min Scan# 5159
 Delta R.T. -0.02 min
 Lab File: BM022053.D
 Acq: 13 Aug 2019 04:44

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.6	0.0	30.2
100	6.6	0.0	28.1





#17

Pvrene

Concen: 7.709 ng/ul

RT: 19.45 min Scan# 5255

Delta R.T. -0.02 min

Lab File: BM022053.D

Acq: 13 Aug 2019 04:44

Instrument :

BNA_M

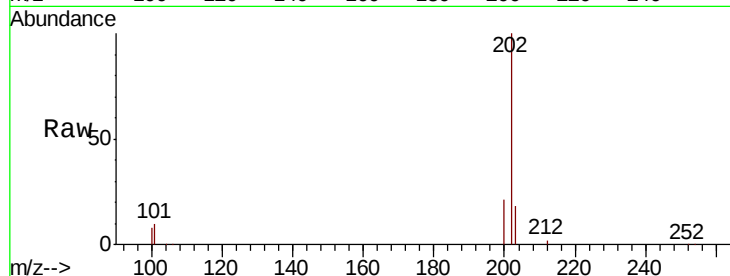
ClientSampleId :

BENW1

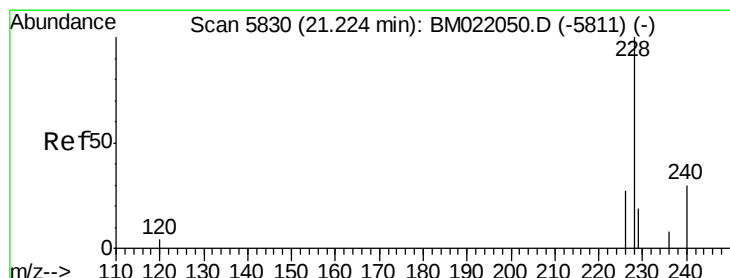
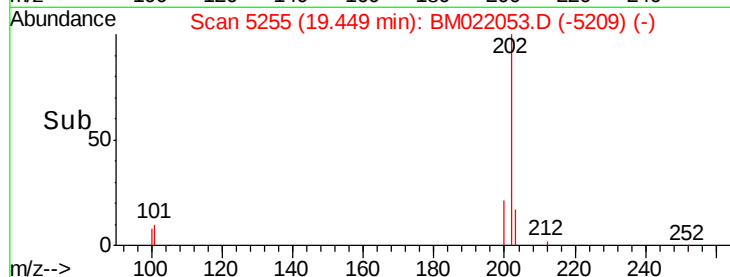
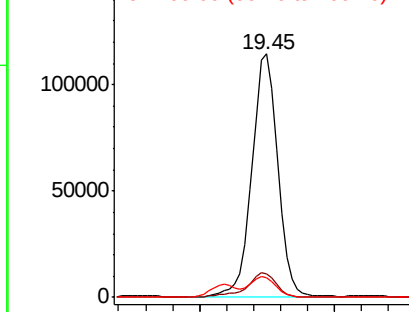
Tot Ion:	202	Resp:	149116
Ion Ratio	Lower	Upper	
202	100		
101	9.7	8.3	12.5
100	8.1	7.2	10.8

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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: 4.878 ng/ul m

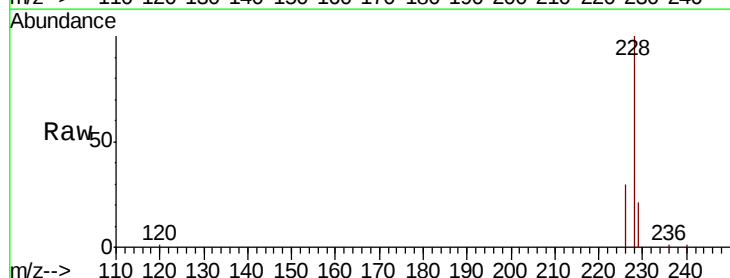
RT: 21.20 min Scan# 5820

Delta R.T. -0.02 min

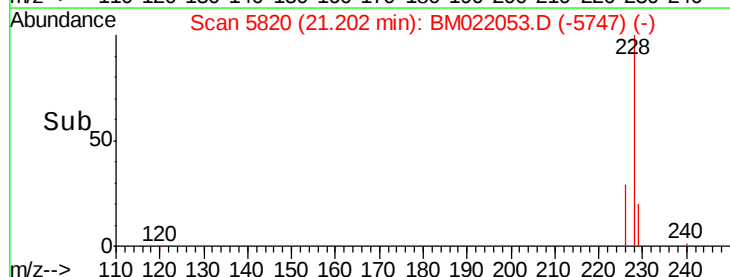
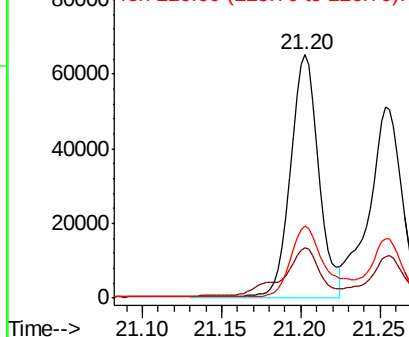
Lab File: BM022053.D

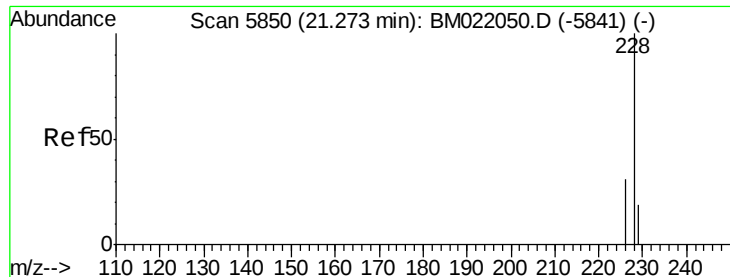
Acq: 13 Aug 2019 04:44

Tgt Ion:	228	Resp:	82132
Ion Ratio	Lower	Upper	
228	100		
229	20.7	17.2	25.8
226	29.6	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: 3.394 ng/ul

RT: 21.25 min Scan# 5841

Delta R.T. -0.02 min

Lab File: BM022053.D

Acq: 13 Aug 2019 04:44

Instrument :

BNA_M

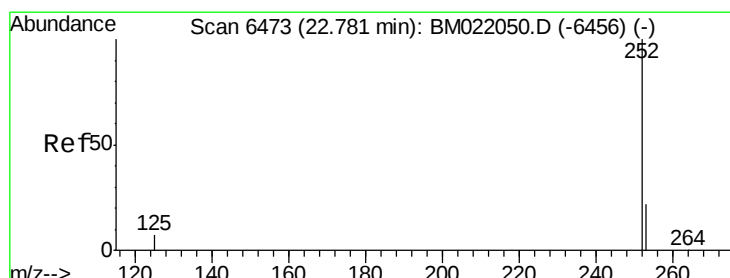
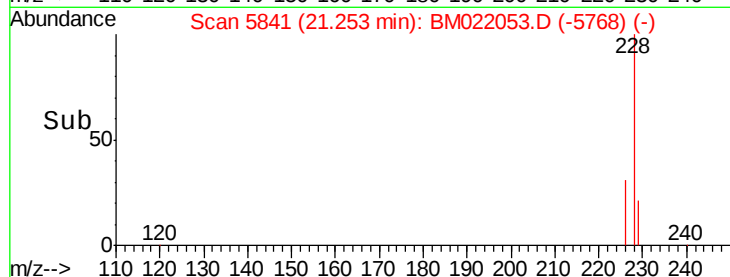
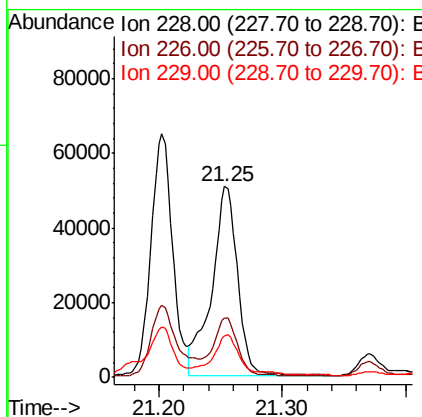
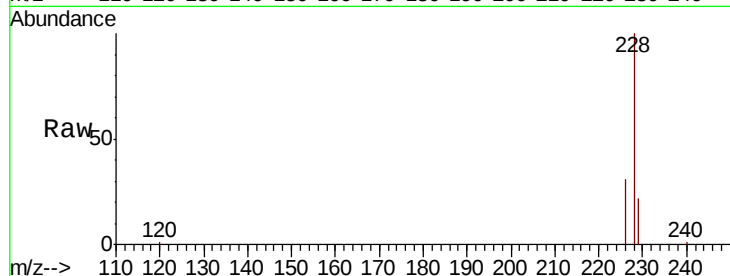
ClientSampleId :

BENW1

Tot Ion:	228	Resp:	73499
Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.9	37.3
229	21.8	16.6	25.0

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#21

Benzo(b)fluoranthene

Concen: 6.101 ng/ul m

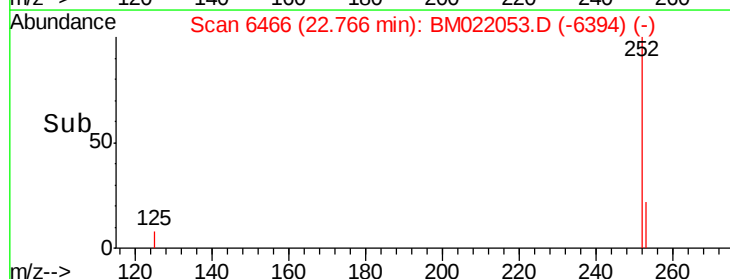
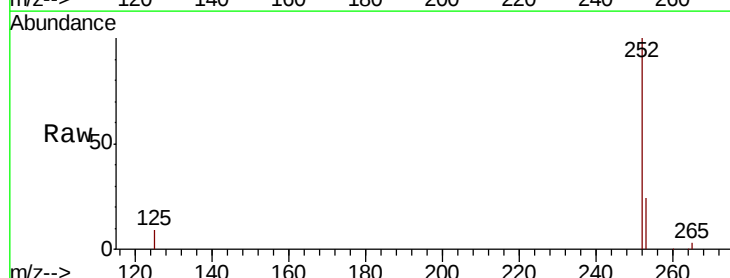
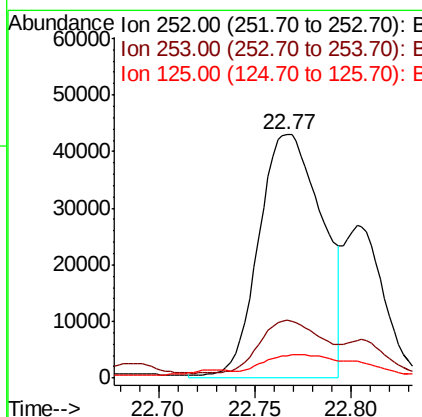
RT: 22.77 min Scan# 6466

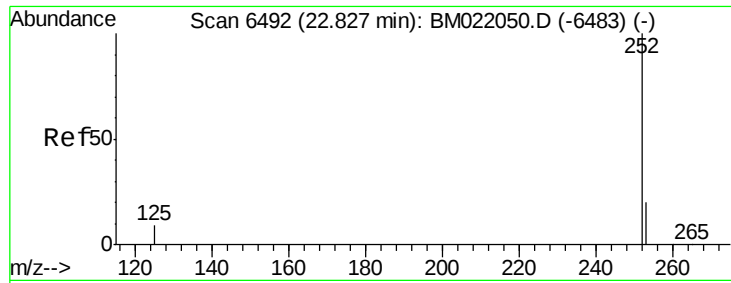
Delta R.T. -0.02 min

Lab File: BM022053.D

Acq: 13 Aug 2019 04:44

Tgt Ion:	252	Resp:	98880
Ion	Ratio	Lower	Upper
252	100		
253	23.7	0.0	67.4
125	9.1	0.0	31.0





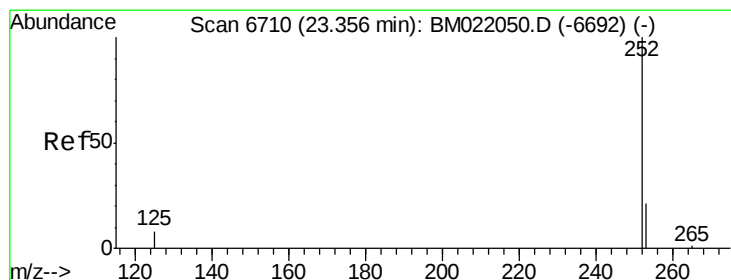
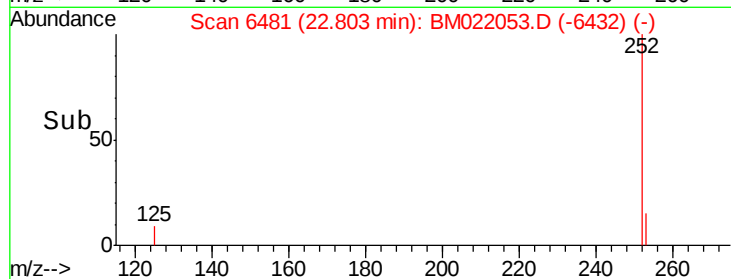
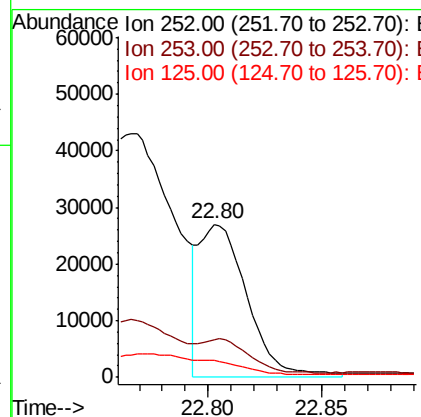
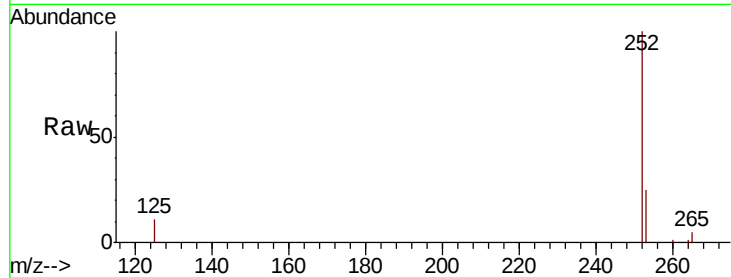
#22
Benzo(k)fluoranthene
Concen: 2.180 ng/ul m
RT: 22.80 min Scan# 6481
Delta R.T. -0.03 min
Lab File: BM022053.D
Acq: 13 Aug 2019 04:44

Instrument :
BNA_M
ClientSampleId :
BENW1

Tot Ion	Ratio	Resp	Lower	Upper
252	100	39983		
253	24.7		27.0	40.4#
125	10.8		12.2	18.2#

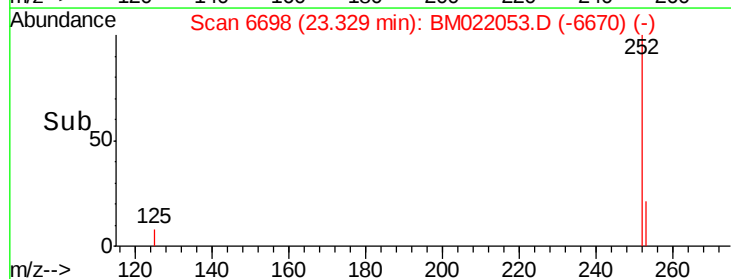
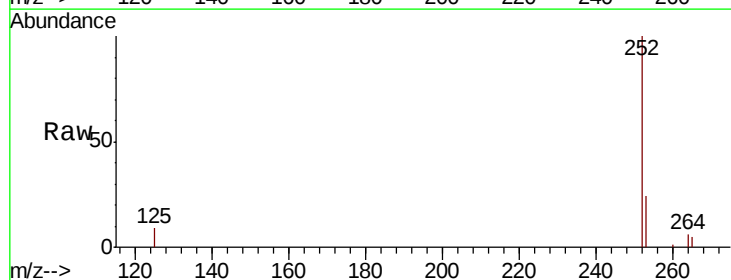
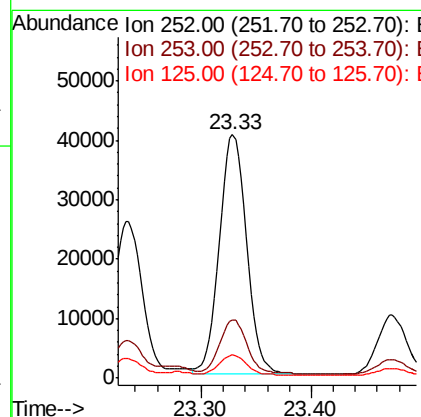
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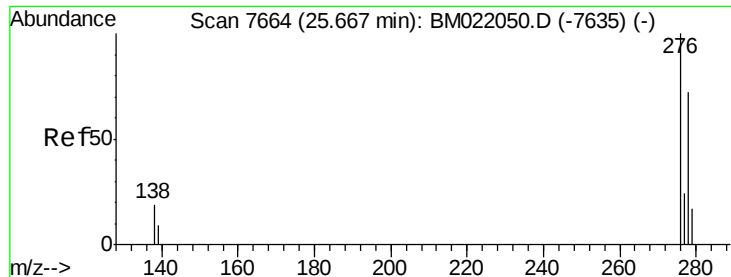
mohammad
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#23
Benzo(a)pyrene
Concen: 4.237 ng/ul
RT: 23.33 min Scan# 6698
Delta R.T. -0.03 min
Lab File: BM022053.D
Acq: 13 Aug 2019 04:44

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	69836		
253	23.9		31.7	47.5#
125	9.4		14.6	21.8#





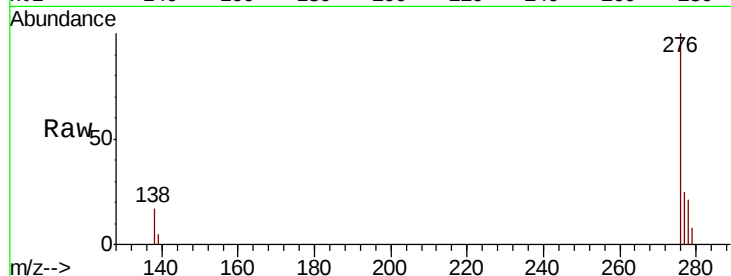
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 2.391 ng/ul
 RT: 25.63 min Scan# 7649
 Delta R.T. -0.04 min
 Lab File: BM022053.D
 Acq: 13 Aug 2019 04:44

Instrument :
 BNA_M
 ClientSampleId :
 BENW1

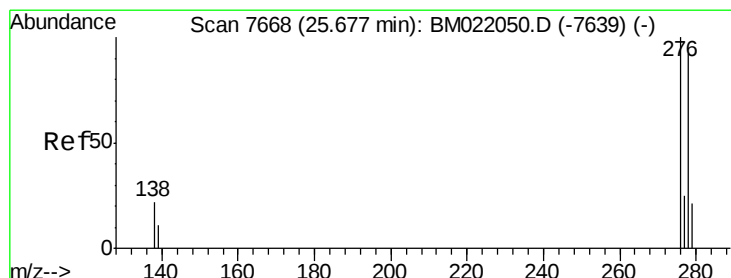
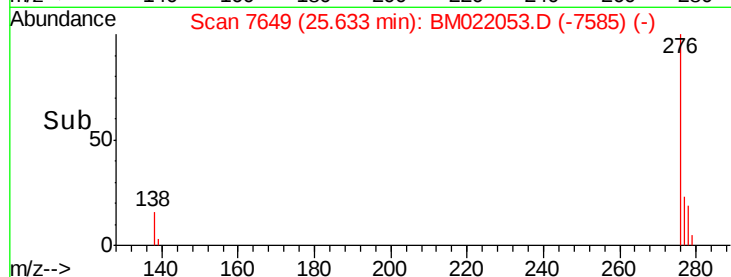
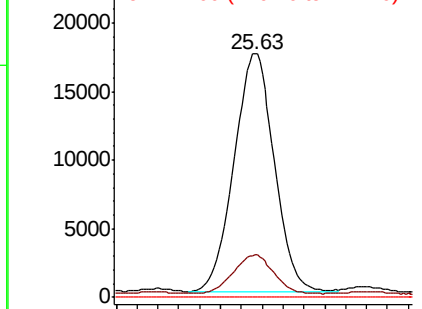
Tot Ion	Ratio	Lower	Upper
276	100		
138	16.2	15.1	22.7
227	0.0	0.0	0.0

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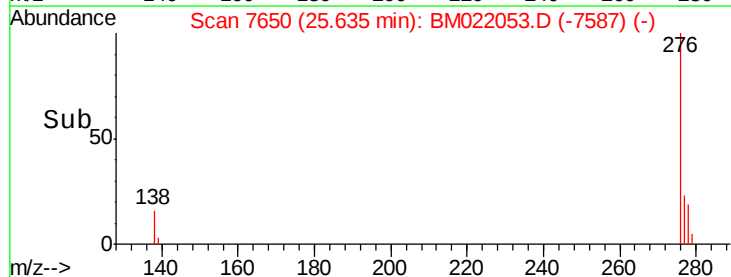
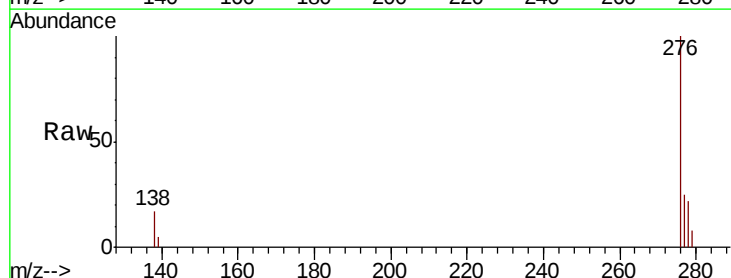
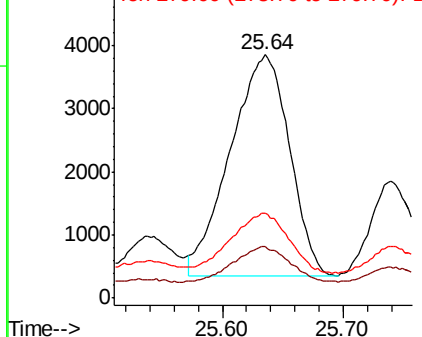
Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 227.00 (226.70 to 227.70): E

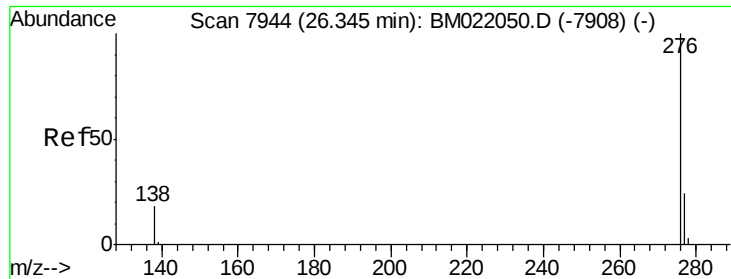


#25
 Dibenzo(a,h)anthracene
 Concen: 0.754 ng/ul
 RT: 25.64 min Scan# 7650
 Delta R.T. -0.05 min
 Lab File: BM022053.D
 Acq: 13 Aug 2019 04:44

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.1	14.2	21.2
279	34.8	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





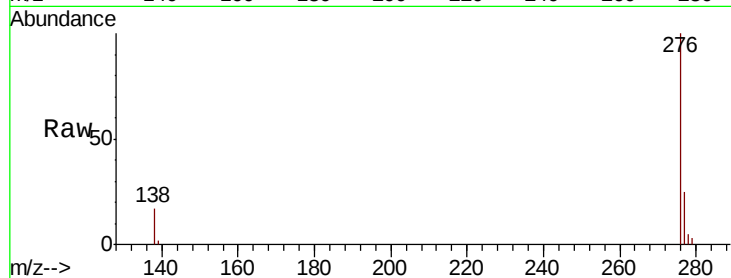
#26
 Benzo(a,h,i)perylene
 Concen: 2.440 ng/ul
 RT: 26.31 min Scan# 7930
 Delta R.T. -0.04 min
 Lab File: BM022053.D
 Acq: 13 Aug 2019 04:44

Instrument :
 BNA_M
 ClientSampleId :
 BENW1

Tot Ion:	276	Resp:	43235
Ion Ratio	Lower	Upper	
276	100		
138	17.4	15.5	23.3
277	25.2	21.4	32.2

Manual Integrations
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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

