

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080319\
 Data File : BM021787.D
 Acq On : 03 Aug 2019 23:34
 Operator : HP/JU
 Sample : K3850-10
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENR6

Manual Integrations
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mohammad
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Quant Time: Aug 04 04:40:09 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 : Sun Aug 04 04:24:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	1013	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	4052	0.40	ng/ul	-0.03
6) Acenaphthene-d10	14.29	164	2226	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.04	188	5622m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.24	240	5979m	0.40	ng/ul	-0.01
20) Perylene-d12	23.46	264	6058m	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	1113	0.17	ng/ul	-0.02
14) Fluoranthene-d10	19.08	212	3792m	0.20	ng/ul	-0.02
Target Compounds				Qvalue		
3) Naphthalene	10.47	128	859	0.075	ng/ul#	86
5) 2-Methylnaphthalene	12.11	142	437	0.057	ng/ul	93
7) Acenaphthylene	14.01	152	1793	0.173	ng/ul	95
8) Acenaphthene	14.35	153	1069	0.126	ng/ul	96
9) Fluorene	15.35	166	1255	0.133	ng/ul#	95
12) Phenanthrene	17.09	178	30502m	1.865	ng/ul	
13) Anthracene	17.18	178	4969m	0.356	ng/ul	
15) Fluoranthene	19.11	202	93010m	4.245	ng/ul	
17) Pyrene	19.47	202	90623	3.688	ng/ul	99
18) Benzo(a)anthracene	21.22	228	46067	2.154	ng/ul	99
19) Chrysene	21.28	228	60127	2.186	ng/ul	99
21) Benzo(b)fluoranthene	22.79	252	91591m	4.483	ng/ul	
22) Benzo(k)fluoranthene	22.83	252	30981m	1.340	ng/ul	
23) Benzo(a)pyrene	23.36	252	53431m	2.572	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.67	276	47123m	1.900	ng/ul	
25) Dibenzo(a,h)anthracene	25.68	278	9904	0.494	ng/ul	97
26) Benzo(g,h,i)perylene	26.36	276	48378m	2.166	ng/ul	

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

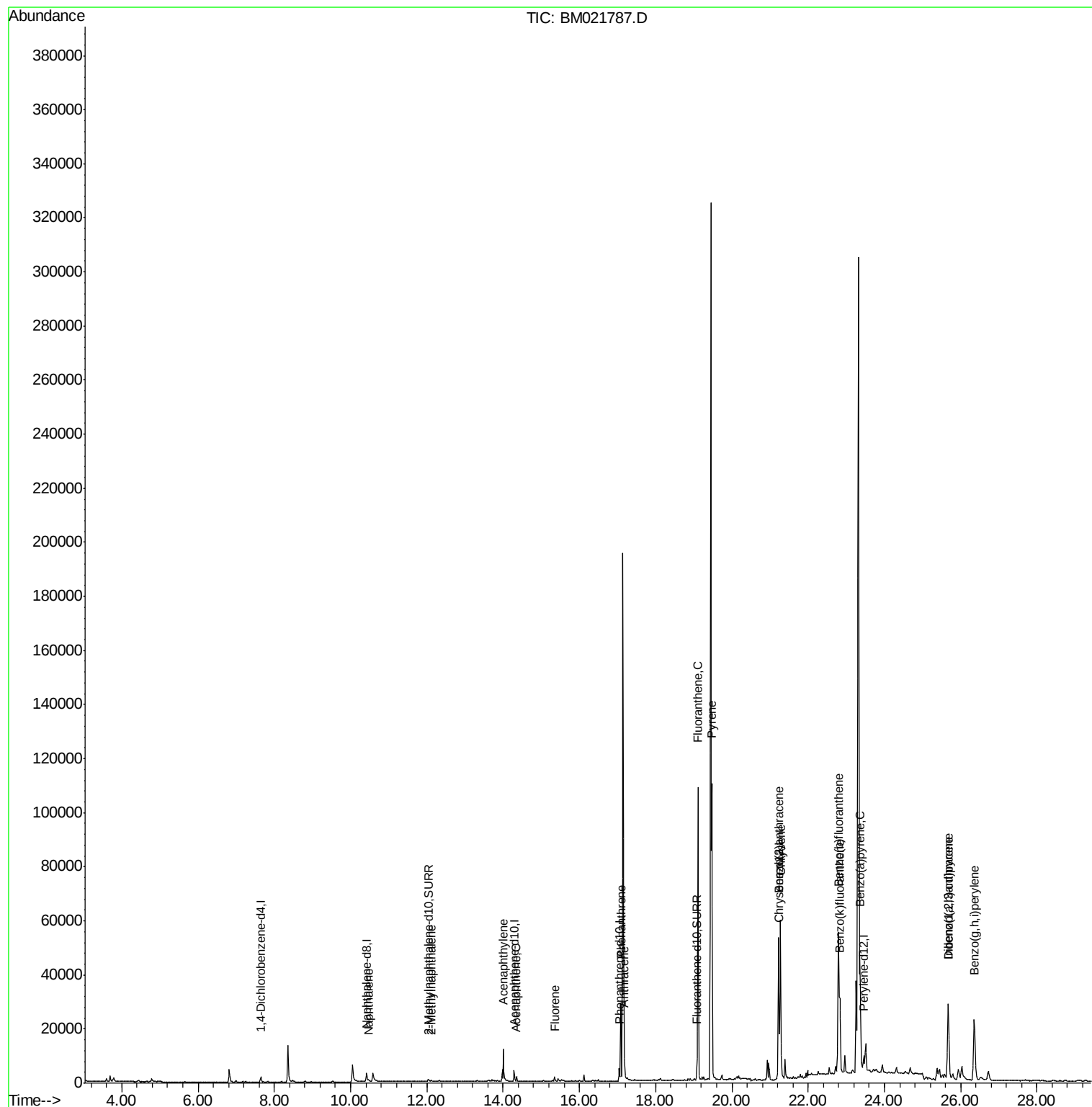
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080319\
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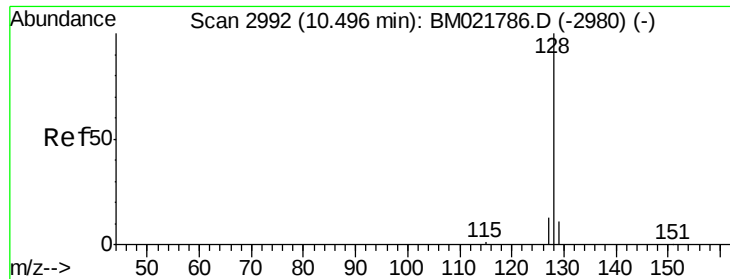
Instrument :
BNA_M
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Quant Time: Aug 04 04:40:09 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Aug 04 04:24:24 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.075 ng/ul

RT: 10.47 min Scan# 2986

Delta R.T. -0.03 min

Lab File: BM021787.D

Acq: 03 Aug 2019 23:34

Instrument :

BNA_M

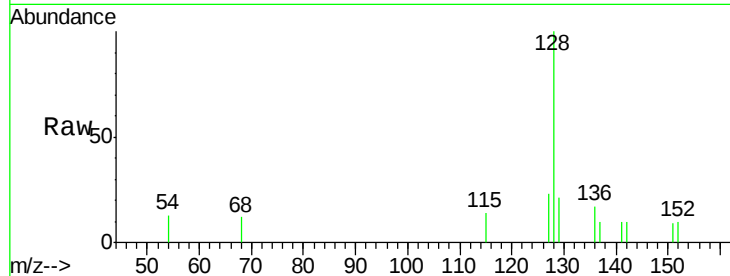
ClientSampleId :

BENR6

Tgt Ion:	128	Resp:	859
Ion Ratio	Lower	Upper	
128	100		
129	21.2	12.3	18.5#
127	22.7	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

10.47

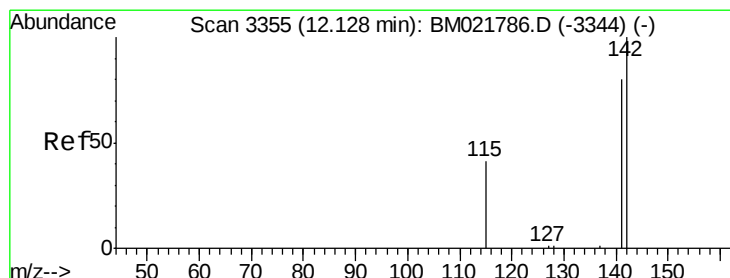
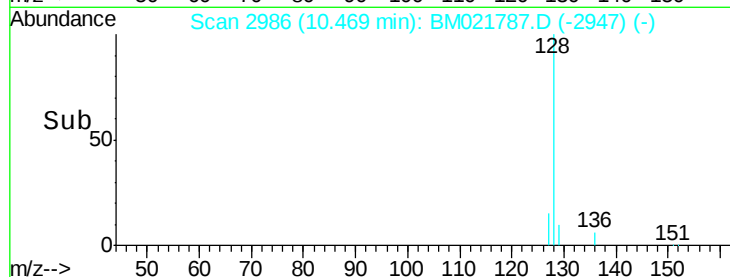
600

400

200

0

Time-->



#5

2-Methylnaphthalene

Concen: 0.057 ng/ul

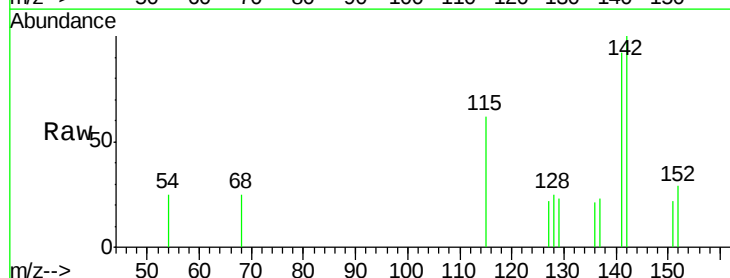
RT: 12.11 min Scan# 3350

Delta R.T. -0.02 min

Lab File: BM021787.D

Acq: 03 Aug 2019 23:34

Tgt Ion:	142	Resp:	437
Ion Ratio	Lower	Upper	
142	100		
141	86.3	74.3	111.5



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

300

250

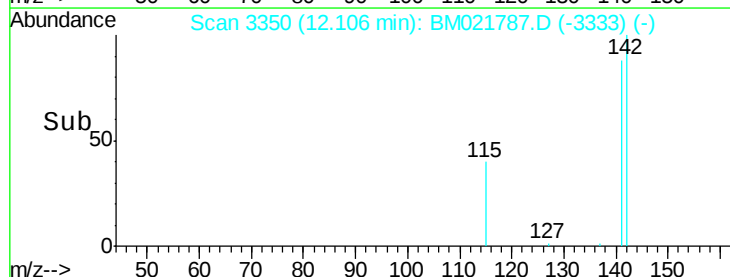
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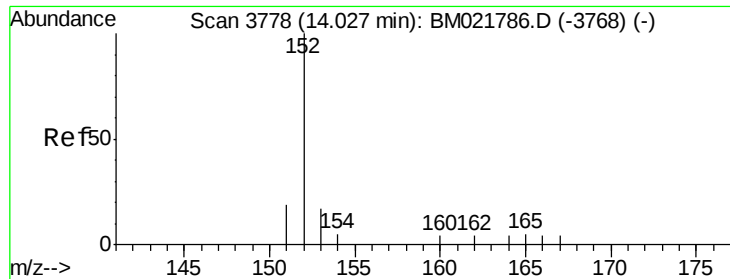
150

100

50

Time-->





#7

Acenaphthylene

Concen: 0.173 ng/ul

RT: 14.01 min Scan# 3774

Delta R.T. -0.02 min

Lab File: BM021787.D

Acq: 03 Aug 2019 23:34

Instrument :

BNA_M

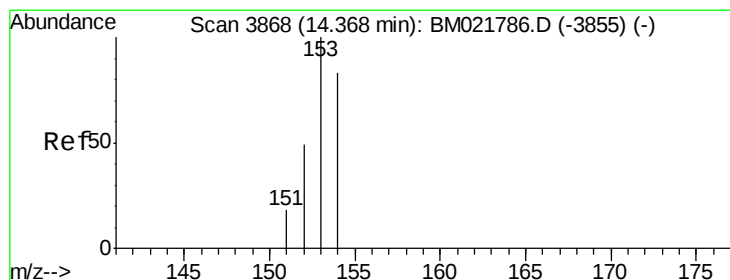
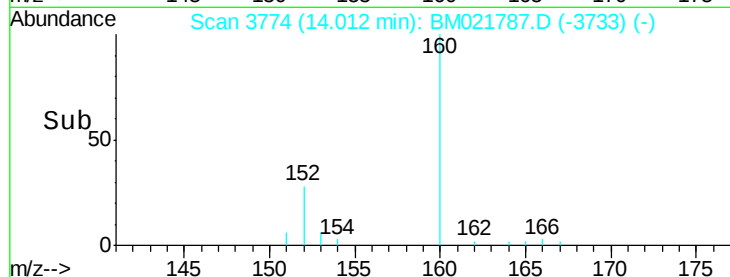
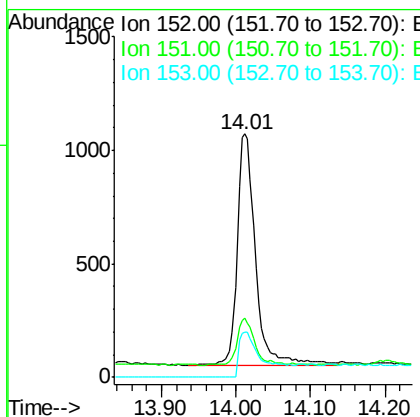
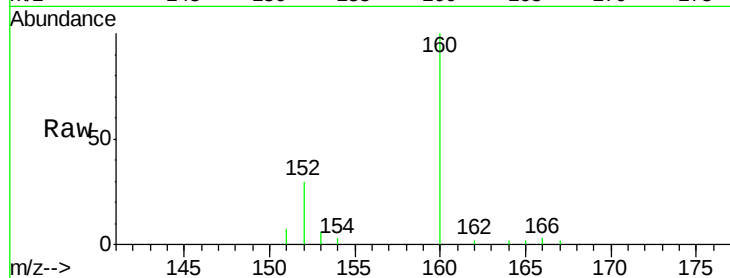
ClientSampleId :

BENR6

Tgt Ion:	152	Resp:	1793
Ion Ratio	Lower	Upper	
152	100		
151	24.6	18.3	27.5
153	18.7	12.8	19.2

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#8

Acenaphthene

Concen: 0.126 ng/ul

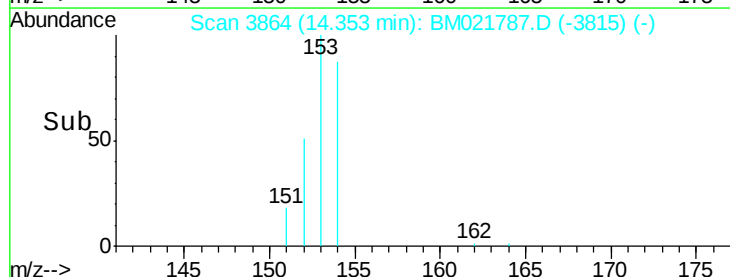
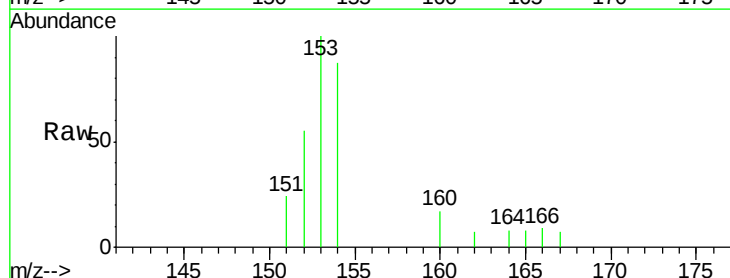
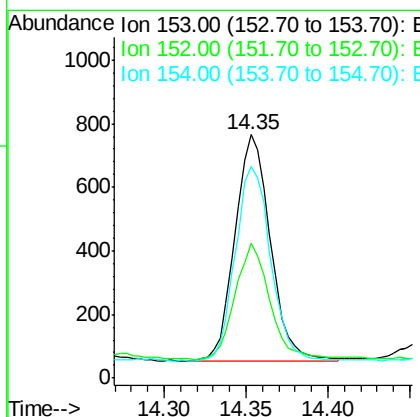
RT: 14.35 min Scan# 3864

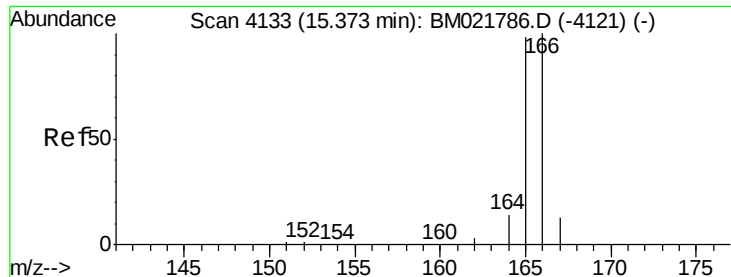
Delta R.T. -0.02 min

Lab File: BM021787.D

Acq: 03 Aug 2019 23:34

Tgt Ion:	153	Resp:	1069
Ion Ratio	Lower	Upper	
153	100		
152	55.1	41.3	61.9
154	87.1	72.3	108.5





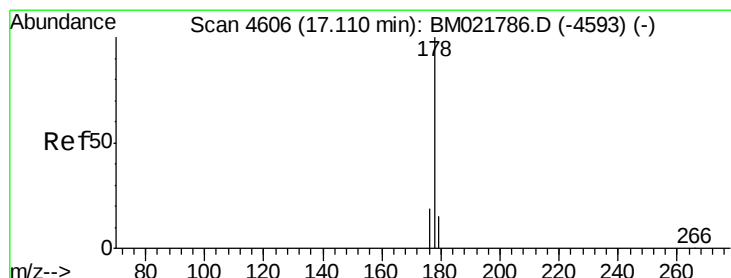
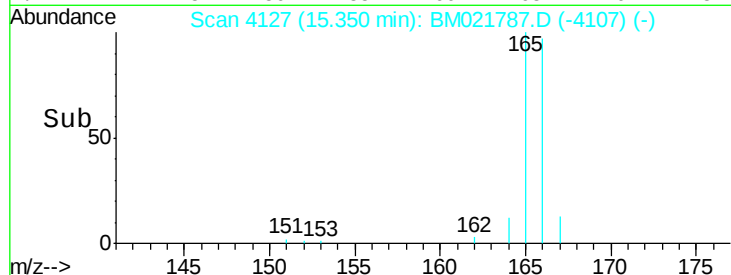
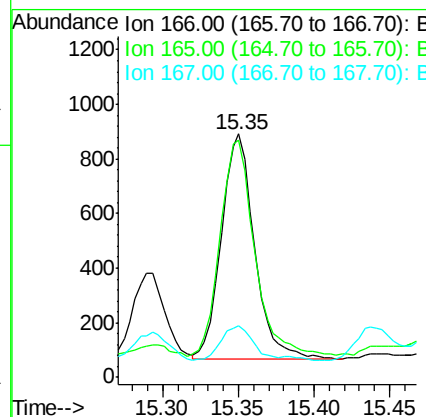
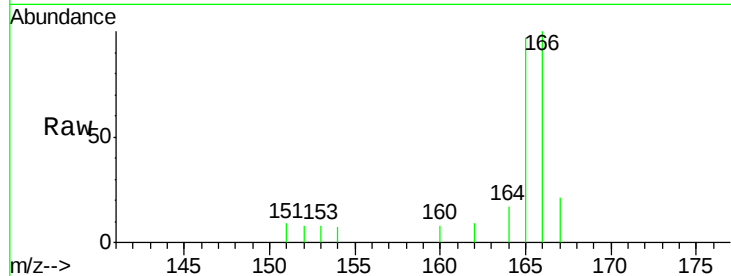
#9
Fluorene
 Concen: 0.133 ng/ul
 RT: 15.35 min Scan# 4127
 Delta R.T. -0.02 min
 Lab File: BM021787.D
 Acq: 03 Aug 2019 23:34

Instrument :
 BNA_M
 ClientSampled :
 BENR6

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.2	81.4	122.0
167	21.3	13.7	20.5

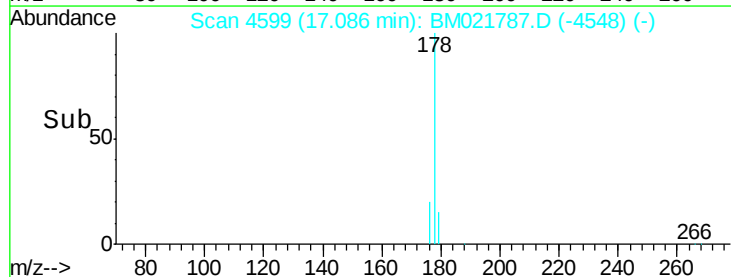
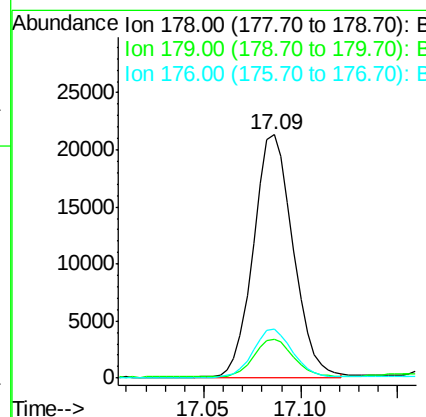
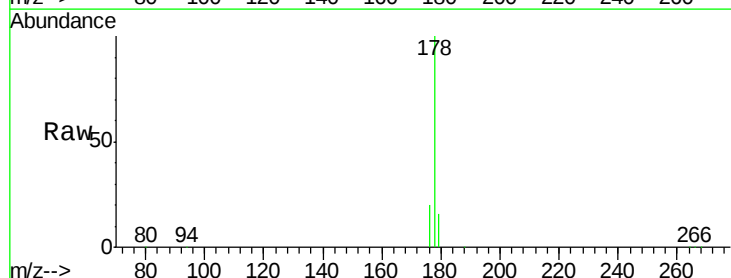
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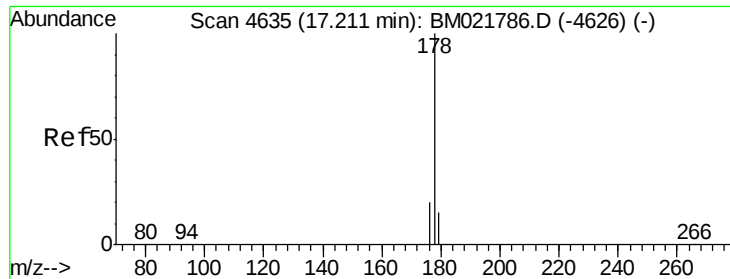
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#12
Phenanthrene
 Concen: 1.865 ng/ul m
 RT: 17.09 min Scan# 4599
 Delta R.T. -0.02 min
 Lab File: BM021787.D
 Acq: 03 Aug 2019 23:34

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.8	14.2	21.2
176	20.1	16.8	25.2





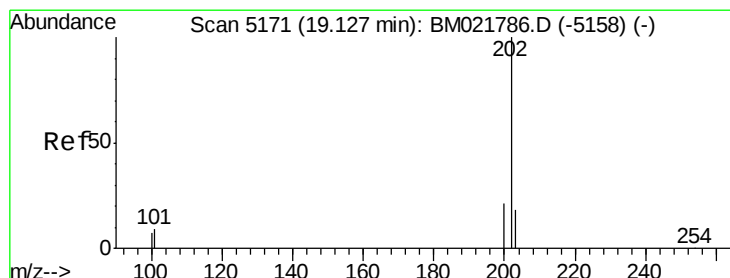
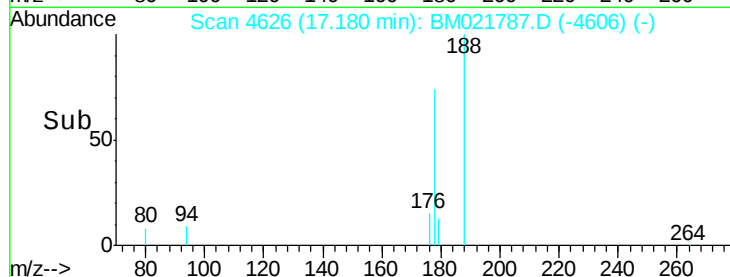
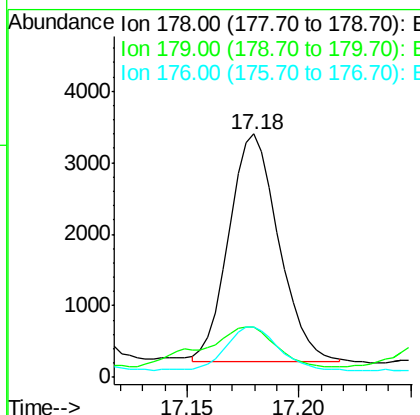
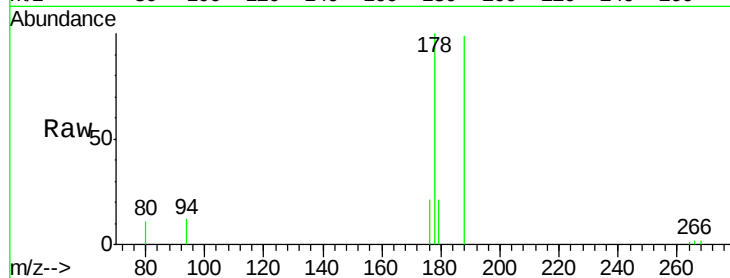
#13
 Anthracene
 Concen: 0.356 ng/ul m
 RT: 17.18 min Scan# 4626
 Delta R.T. -0.03 min
 Lab File: BM021787.D
 Acq: 03 Aug 2019 23:34

Instrument :
 BNA_M
 ClientSampleId :
 BENR6

Tgt Ion	Ratio	Lower	Upper
178	100		
179	20.9	15.5	23.3
176	20.8	16.6	25.0

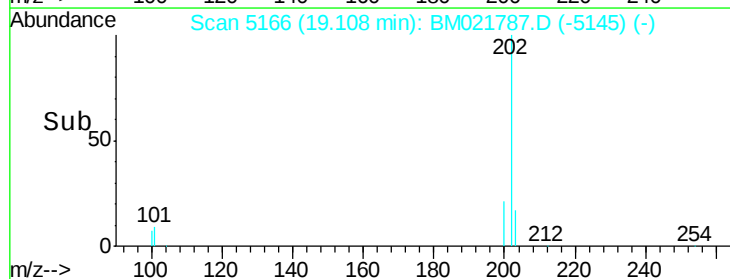
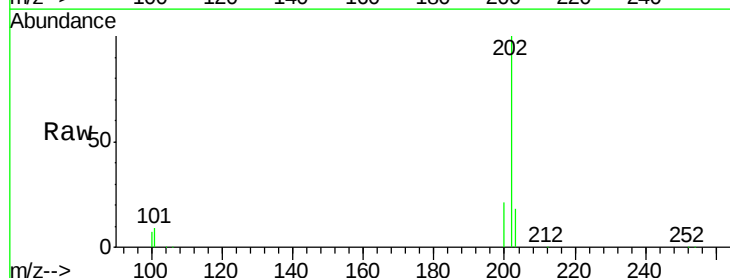
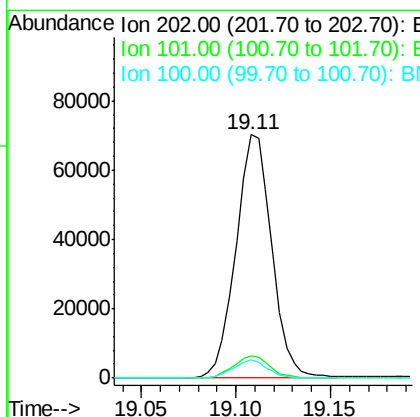
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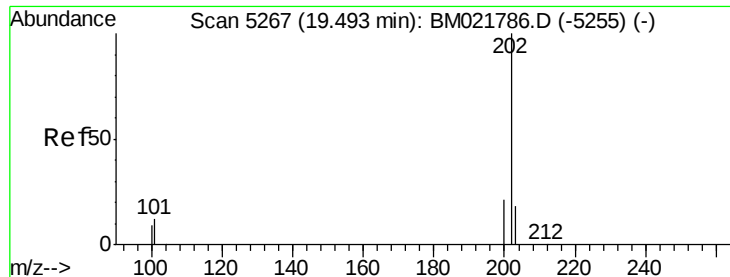
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#15
 Fluoranthene
 Concen: 4.245 ng/ul m
 RT: 19.11 min Scan# 5166
 Delta R.T. -0.02 min
 Lab File: BM021787.D
 Acq: 03 Aug 2019 23:34

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.3	0.0	30.2
100	7.3	0.0	28.1





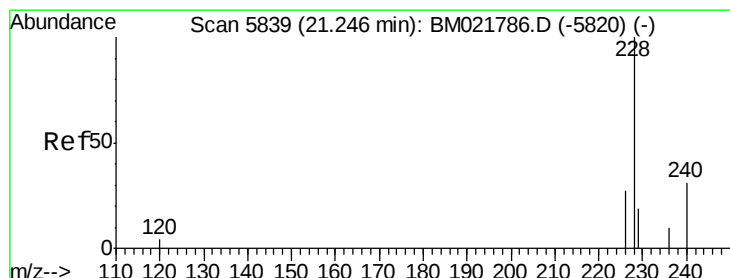
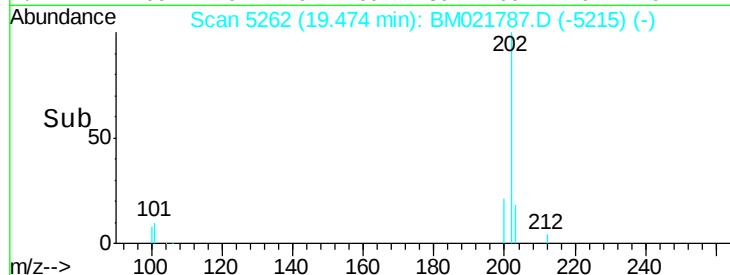
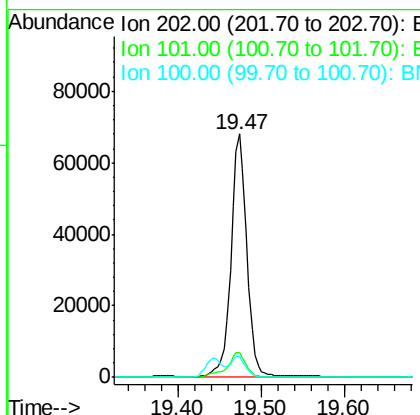
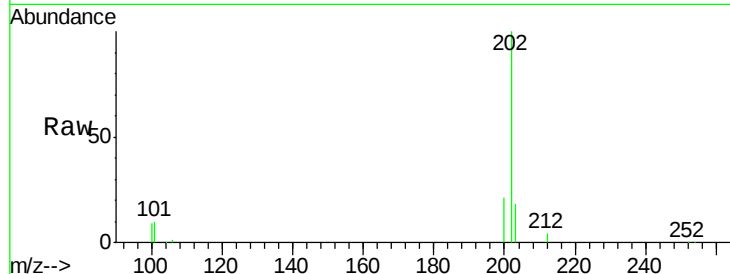
#17
Pyrene
Concen: 3.688 ng/u1
RT: 19.47 min Scan# 5262
Delta R.T. -0.02 min
Lab File: BM021787.D
Acq: 03 Aug 2019 23:34

Instrument :
BNA_M
ClientSampleId :
BENR6

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	10.4	8.3	12.5
100	8.6	7.2	10.8

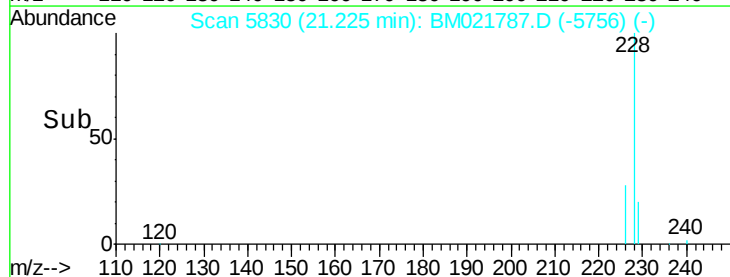
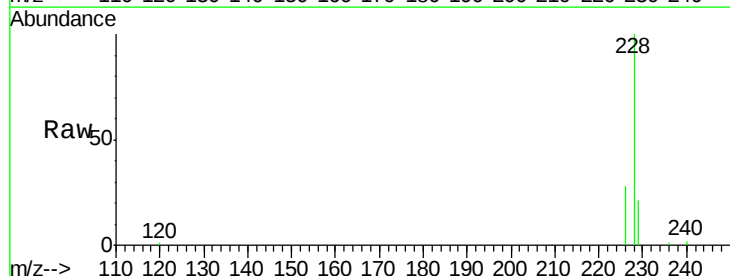
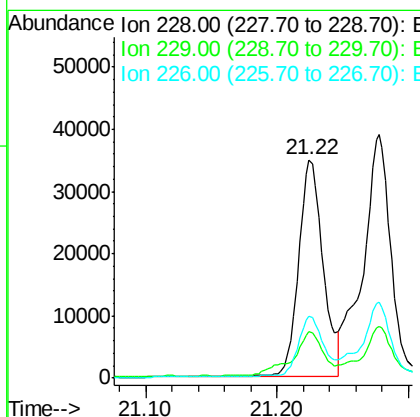
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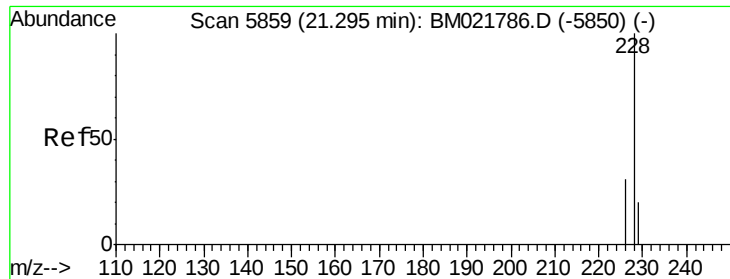
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#18
Benzo(a)anthracene
Concen: 2.154 ng/u1
RT: 21.22 min Scan# 5830
Delta R.T. -0.02 min
Lab File: BM021787.D
Acq: 03 Aug 2019 23:34

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	21.1	17.2	25.8
226	28.1	22.6	34.0





#19

Chrysene

Concen: 2.186 ng/ul

RT: 21.28 min Scan# 5852

Delta R.T. -0.02 min

Lab File: BM021787.D

Acq: 03 Aug 2019 23:34

Instrument :

BNA_M

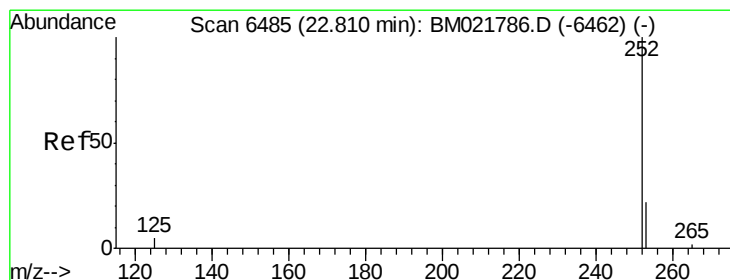
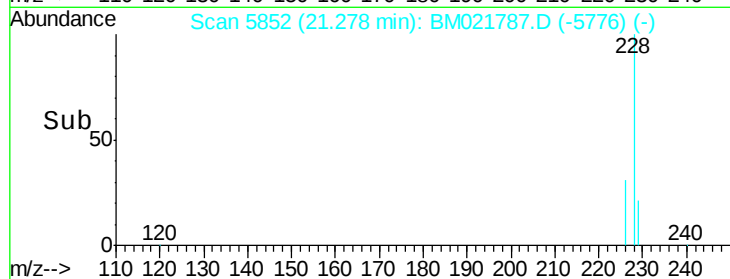
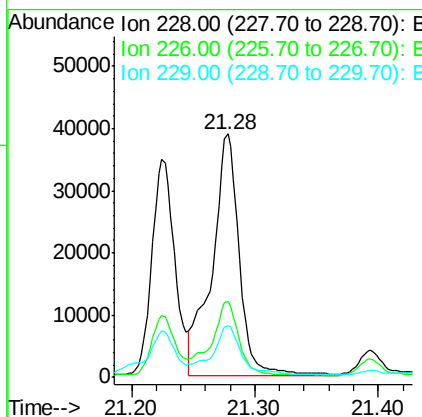
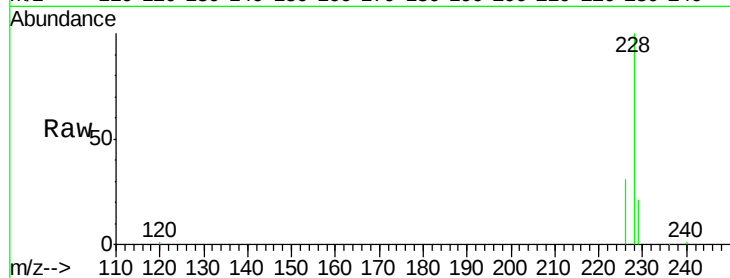
ClientSampleId :

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Tgt Ion:	228	Resp:	60127
Ion Ratio	Lower	Upper	
228	100		
226	30.9	24.9	37.3
229	21.3	16.6	25.0

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#21

Benzo(b)fluoranthene

Concen: 4.483 ng/ul m

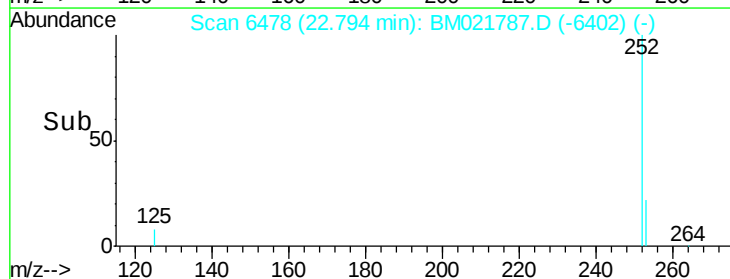
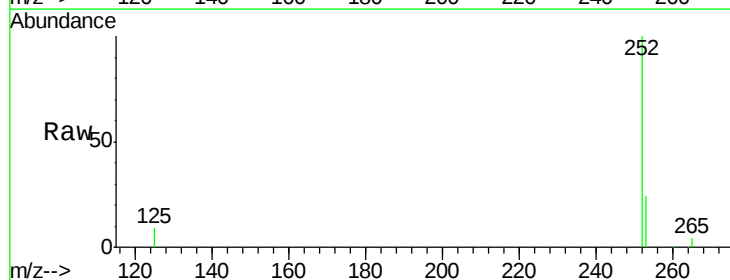
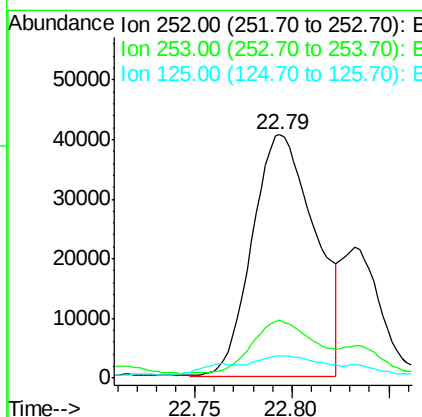
RT: 22.79 min Scan# 6478

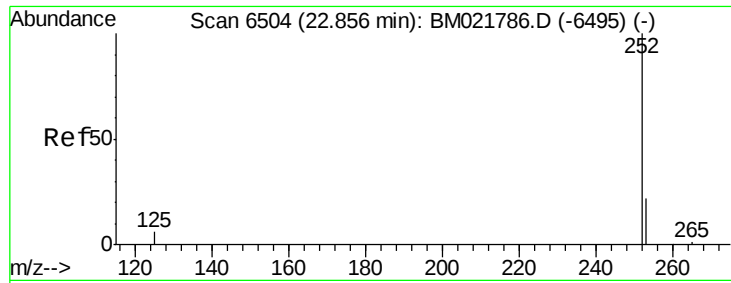
Delta R.T. -0.02 min

Lab File: BM021787.D

Acq: 03 Aug 2019 23:34

Tgt Ion:	252	Resp:	91591
Ion Ratio	Lower	Upper	
252	100		
253	23.6	0.0	67.4
125	9.1	0.0	31.0





#22

Benzo(k)fluoranthene

Concen: 1.340 ng/ul m

RT: 22.83 min Scan# 6494

Delta R.T. -0.02 min

Lab File: BM021787.D

Acq: 03 Aug 2019 23:34

Instrument :

BNA_M

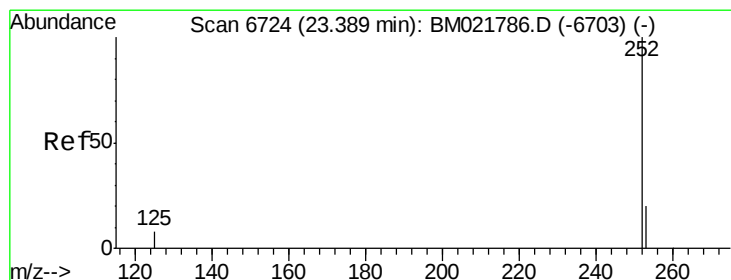
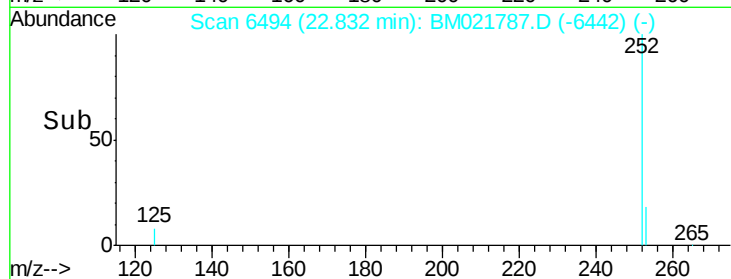
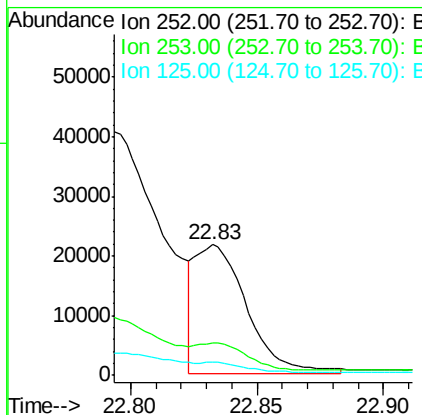
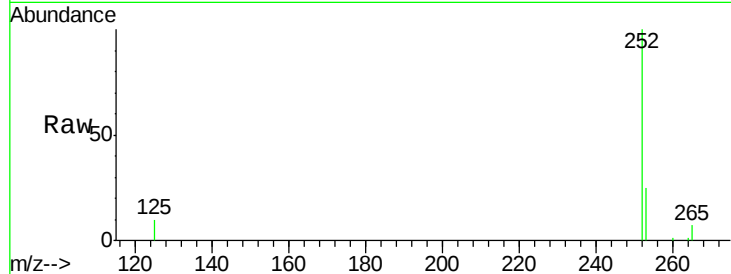
ClientSampleId :

BENR6

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	30981		
253	25.3	27.0	40.4#	
125	9.9	12.2	18.2#	

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#23

Benzo(a)pyrene

Concen: 2.572 ng/ul m

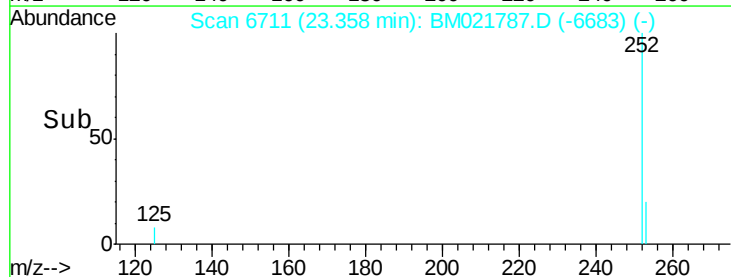
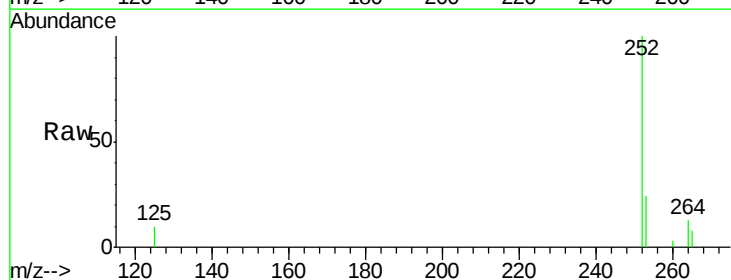
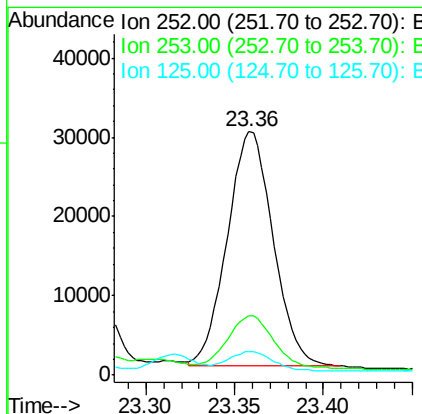
RT: 23.36 min Scan# 6711

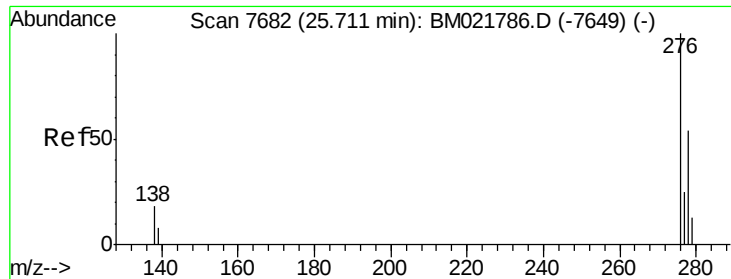
Delta R.T. -0.03 min

Lab File: BM021787.D

Acq: 03 Aug 2019 23:34

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	53431		
253	24.1	31.7	47.5#	
125	9.7	14.6	21.8#	





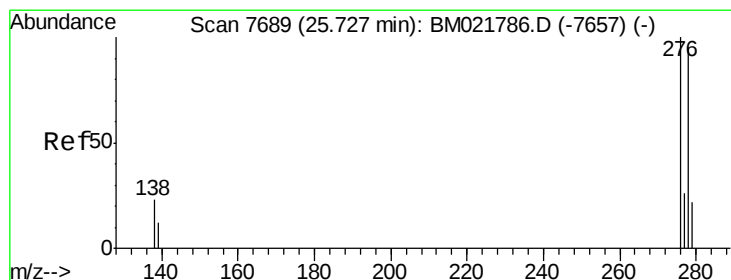
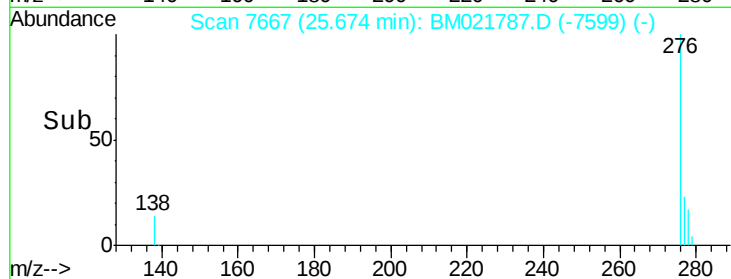
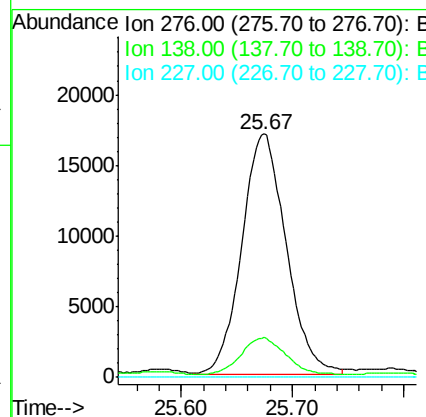
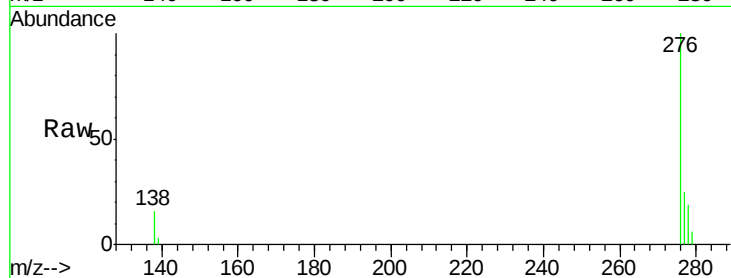
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 1.900 ng/ul m
 RT: 25.67 min Scan# 7667
 Delta R.T. -0.04 min
 Lab File: BM021787.D
 Acq: 03 Aug 2019 23:34

Instrument :
 BNA_M
 ClientSampleId :
 BENR6

Tgt Ion	Ratio	Lower	Upper
276	100		
138	1.5	15.1	22.7#
227	0.0	0.0	0.0

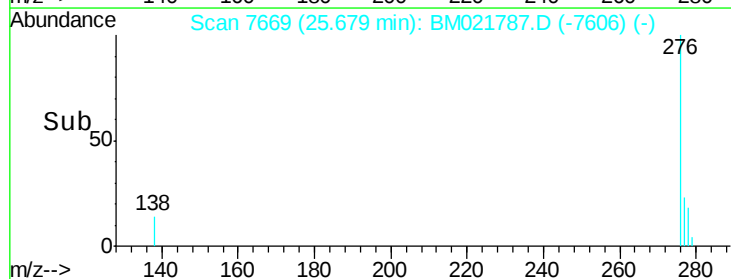
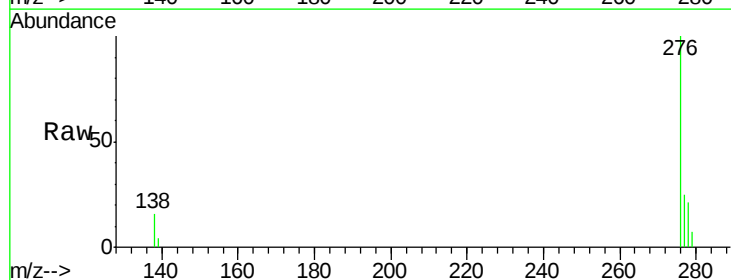
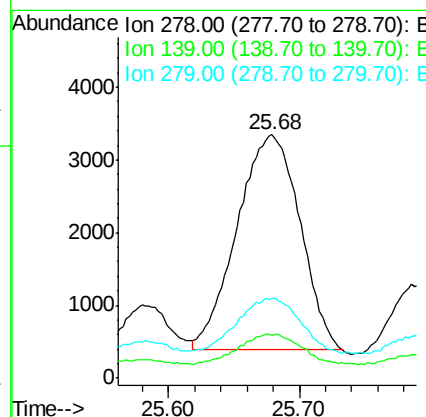
Manual Integrations
 APPROVED

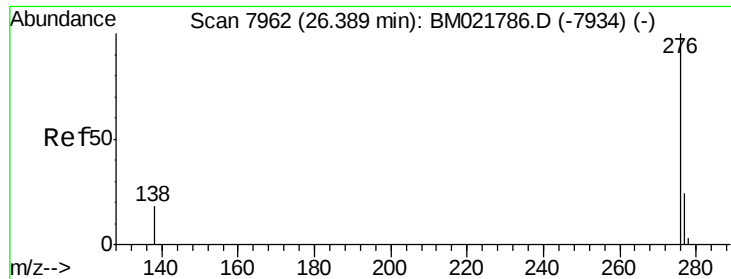
mohammad
 8/5/2019 10:13:59 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.494 ng/ul
 RT: 25.68 min Scan# 7669
 Delta R.T. -0.05 min
 Lab File: BM021787.D
 Acq: 03 Aug 2019 23:34

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.7	14.2	21.2
279	32.7	28.3	42.5





#26

Benzo(g,h,i)perylene

Concen: 2.166 ng/ul m

RT: 26.36 min Scan# 7949

Delta R.T. -0.03 min

Lab File: BM021787.D

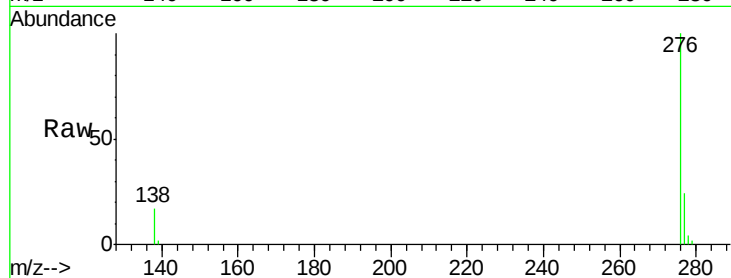
Acq: 03 Aug 2019 23:34

Instrument :

BNA_M

ClientSampleId :

BENR6



Tgt Ion: 276 Resp: 48378

Ion Ratio Lower Upper

276 100

138 16.6 15.5 23.3

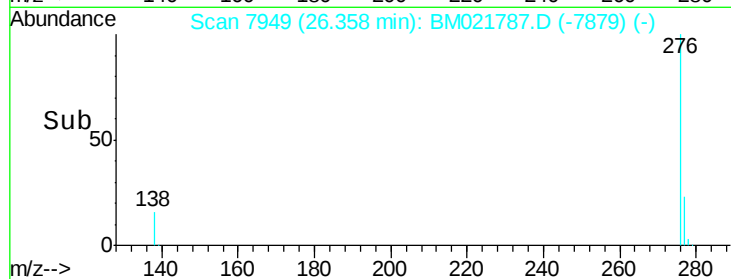
277 24.2 21.4 32.2

Manual Integrations

APPROVED

mohammad

8/5/2019 10:13:59 PM



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

