

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080619\
 Data File : BM021886.D
 Acq On : 07 Aug 2019 08:39
 Operator : HP/JU
 Sample : K3893-05
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BEP11

Manual Integrations
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 8/7/2019 12:14:01 PM

Quant Time: Aug 07 11:47:51 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 07 08:28:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	952	0.40	ng/ul	0.00
2) Naphthalene-d8	10.40	136	4025	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.28	164	2370	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.03	188	5919m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.24	240	5751m	0.40	ng/ul	0.00
20) Perylene-d12	23.45	264	5947m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.00	152	1870	0.28	ng/ul	-0.02
14) Fluoranthene-d10	19.07	212	6265m	0.31	ng/ul	-0.01
Target Compounds				Ovalue		
3) Naphthalene	10.45	128	2775	0.244	ng/ul	99
5) 2-Methylnaphthalene	12.08	142	1459	0.193	ng/ul	98
7) Acenaphthylene	14.00	152	11009	0.996	ng/ul#	82
8) Acenaphthene	14.34	153	6517	0.721	ng/ul	97
9) Fluorene	15.33	166	8049	0.801	ng/ul	99
12) Phenanthrene	17.07	178	196533m	11.411	ng/ul	
13) Anthracene	17.17	178	37817m	2.574	ng/ul	
15) Fluoranthene	19.10	202	621508m	26.940	ng/ul	
17) Pyrene	19.47	202	542665	22.963	ng/ul	96
18) Benzo(a)anthracene	21.22	228	300133m	14.590	ng/ul	
19) Chrysene	21.28	228	339853	12.846	ng/ul	99
21) Benzo(b)fluoranthene	22.79	252	509102m	25.386	ng/ul	
22) Benzo(k)fluoranthene	22.83	252	188598m	8.310	ng/ul	
23) Benzo(a)pyrene	23.36	252	318280m	15.606	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.67	276	248818m	10.218	ng/ul	
25) Dibenzo(a,h)anthracene	25.68	278	61880m	3.144	ng/ul	
26) Benzo(a,h,i)perylene	26.35	276	216392m	9.871	ng/ul	

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

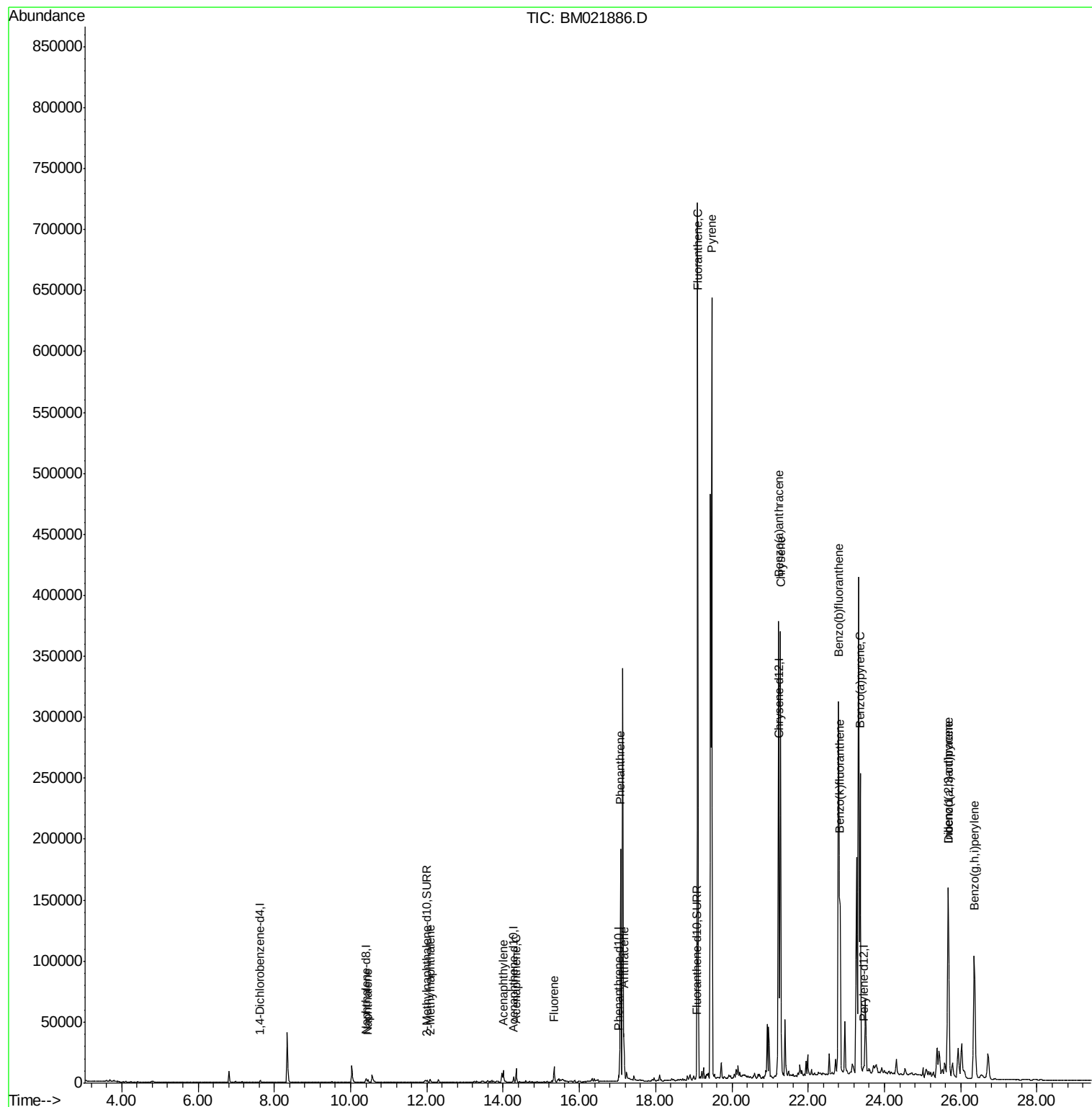
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080619\
Data File : BM021886.D
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Sample : K3893-05
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ALS Vial : 26 Sample Multiplier: 1

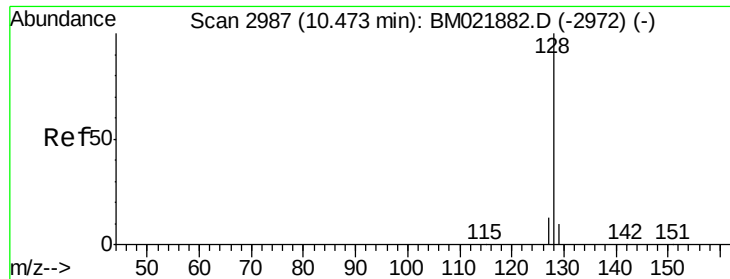
Instrument :
BNA_M
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BEP11

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Quant Time: Aug 07 11:47:51 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M
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QLast Update : Wed Aug 07 08:28:11 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.244 ng/ul

RT: 10.45 min Scan# 2982

Delta R.T. -0.02 min

Lab File: BM021886.D

Acq: 07 Aug 2019 08:39

Instrument :

BNA_M

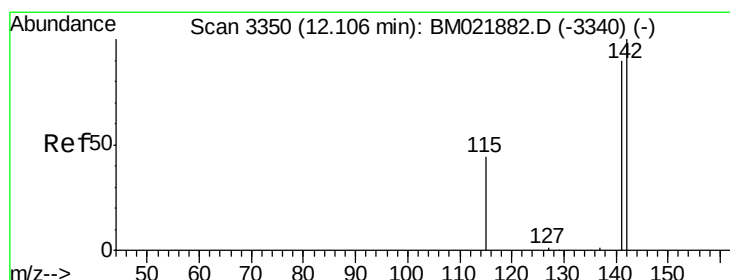
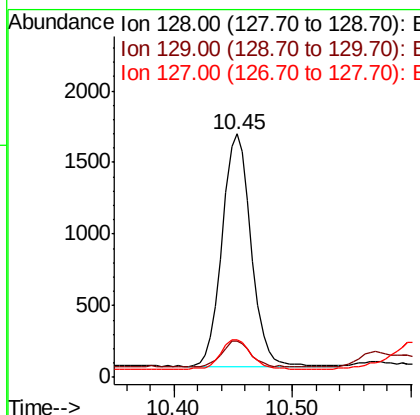
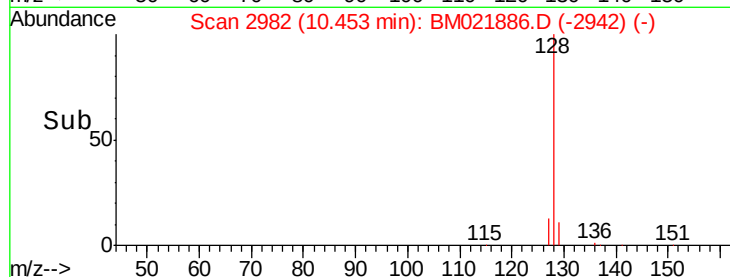
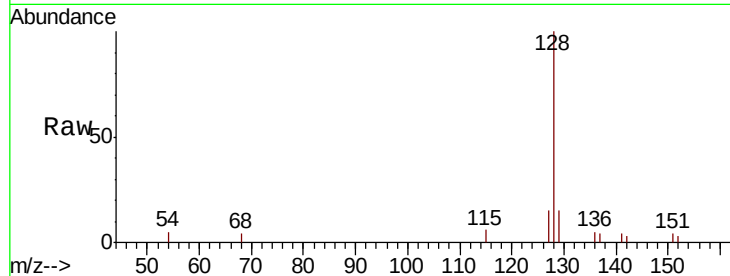
ClientSampleId :

BEP11

Tot Ion:128	Resp:	2775
Ion Ratio	Lower	Upper
128	100	
129	15.1	12.3 18.5
127	15.4	13.0 19.6

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#5

2-Methylnaphthalene

Concen: 0.193 ng/ul

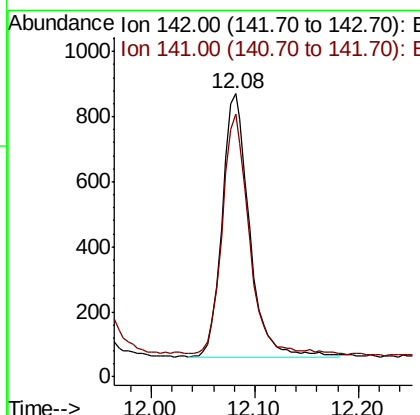
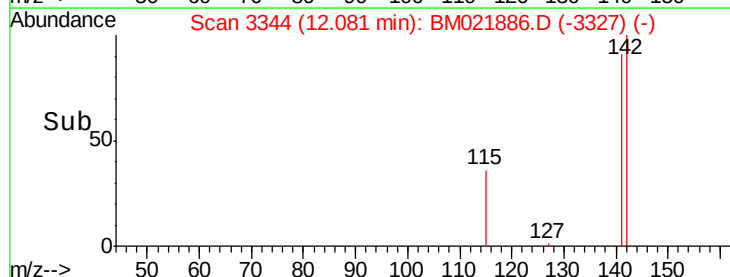
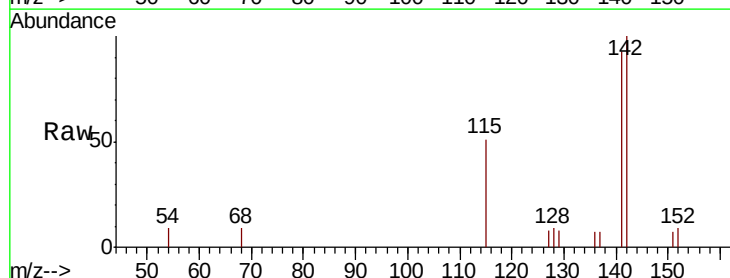
RT: 12.08 min Scan# 3344

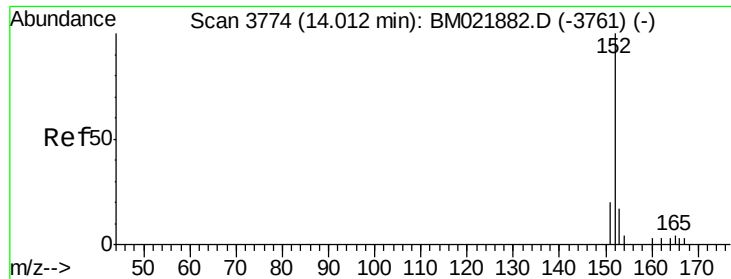
Delta R.T. -0.02 min

Lab File: BM021886.D

Acq: 07 Aug 2019 08:39

Tgt Ion:142	Resp:	1459
Ion Ratio	Lower	Upper
142	100	
141	90.5	74.3 111.5





#7

Acenaphthylene

Concen: 0.996 ng/ul

RT: 14.00 min Scan# 3771

Delta R.T. -0.01 min

Lab File: BM021886.D

Acq: 07 Aug 2019 08:39

Instrument :

BNA_M

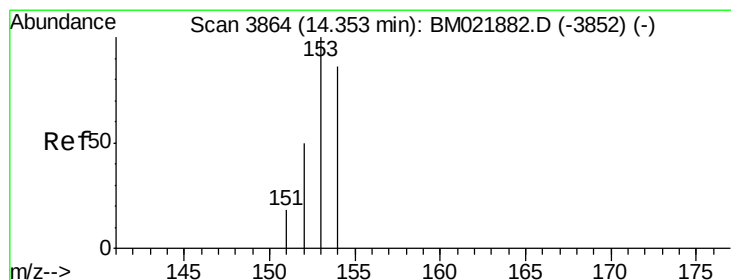
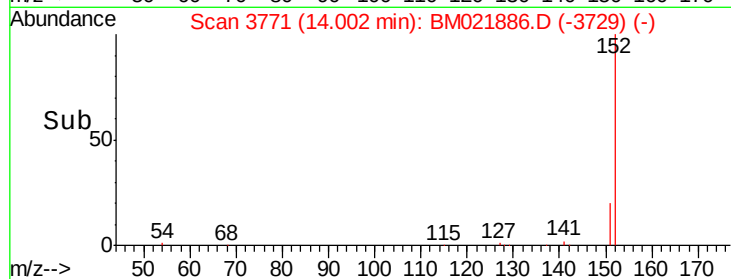
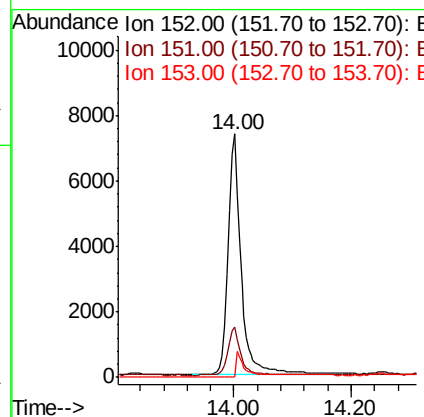
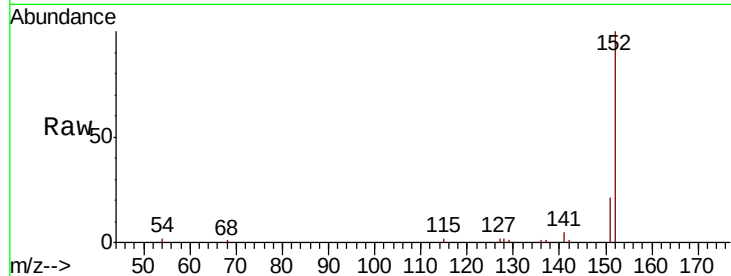
ClientSampled :

BEP11

Tot Ion:	152	Resp:	11009
Ion Ratio	Lower	Upper	
152	100		
151	20.8	18.3	27.5
153	0.0	12.8	19.2#

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#8

Acenaphthene

Concen: 0.721 ng/ul

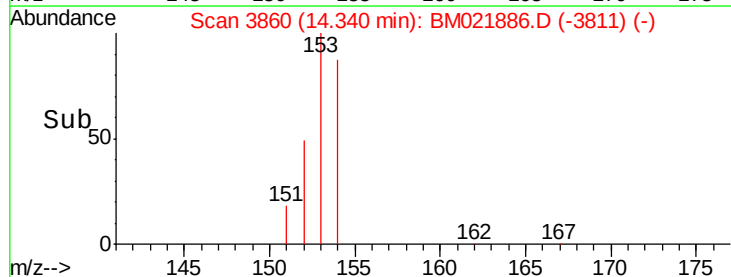
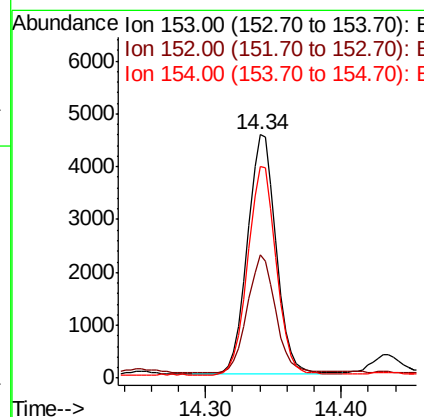
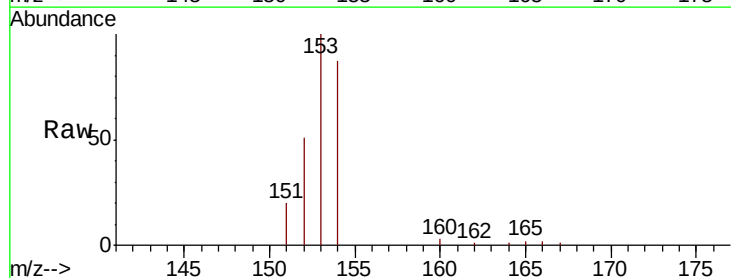
RT: 14.34 min Scan# 3860

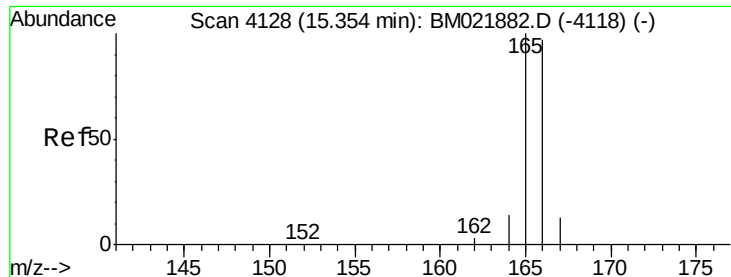
Delta R.T. -0.01 min

Lab File: BM021886.D

Acq: 07 Aug 2019 08:39

Tgt Ion:	153	Resp:	6517
Ion Ratio	Lower	Upper	
153	100		
152	50.8	41.3	61.9
154	86.8	72.3	108.5





#9

Fluorene

Concen: 0.801 ng/ul

RT: 15.33 min Scan# 4122

Delta R.T. -0.02 min

Lab File: BM021886.D

Acq: 07 Aug 2019 08:39

Instrument :

BNA_M

ClientSampleId :

BEP11

Tot Ion:166 Resp: 8049

Ion Ratio Lower Upper

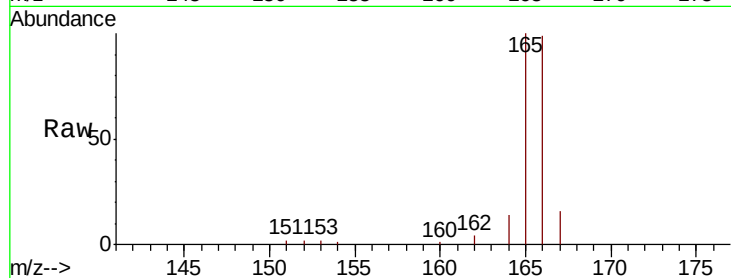
166 100

165 101.2 81.4 122.0

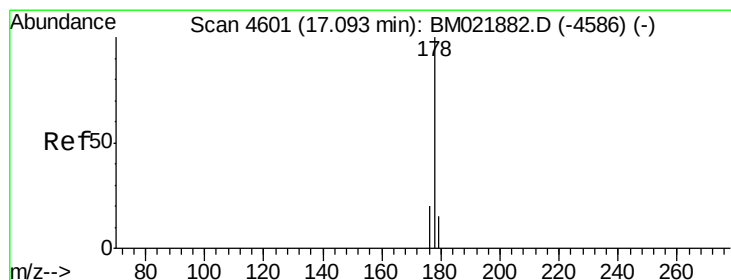
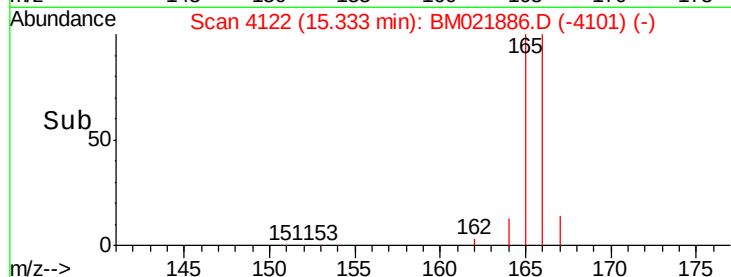
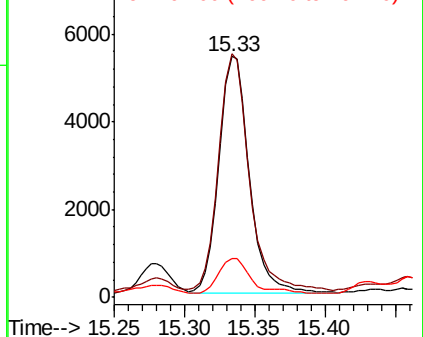
167 16.3 13.7 20.5

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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#12

Phenanthrene

Concen: 11.411 ng/ul m

RT: 17.07 min Scan# 4595

Delta R.T. -0.02 min

Lab File: BM021886.D

Acq: 07 Aug 2019 08:39

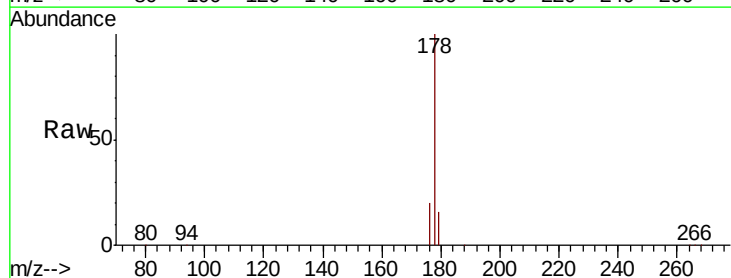
Tgt Ion:178 Resp: 196533

Ion Ratio Lower Upper

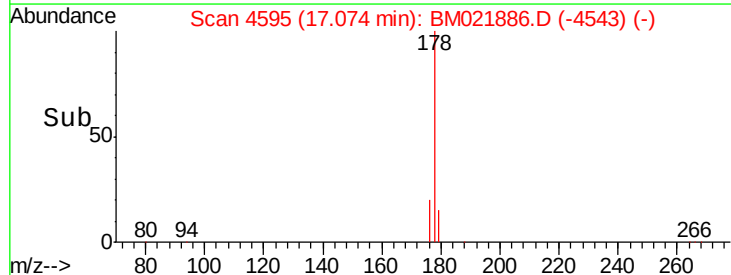
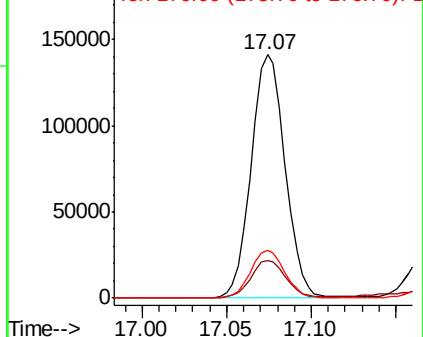
178 100

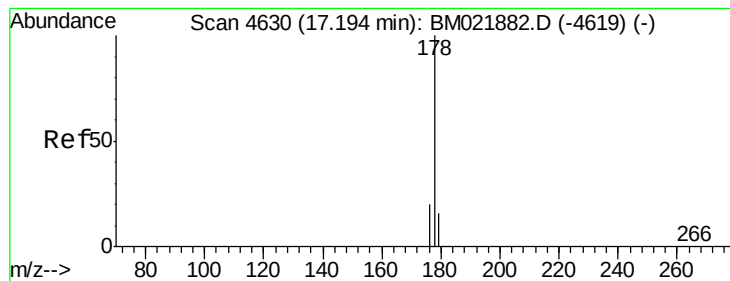
179 15.6 14.2 21.2

176 19.7 16.8 25.2



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E





#13

Anthracene

Concen: 2.574 ng/ul m

RT: 17.17 min Scan# 4622

Delta R.T. -0.03 min

Lab File: BM021886.D

Acq: 07 Aug 2019 08:39

Instrument :

BNA_M

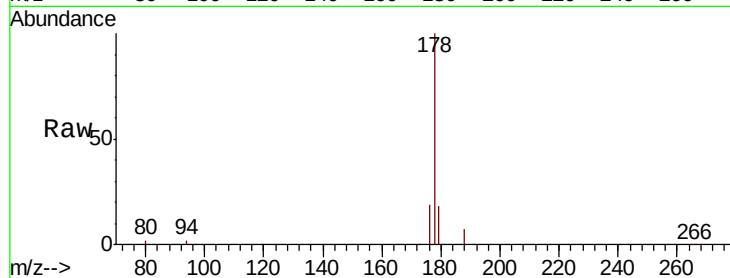
ClientSampleId :

BEP11

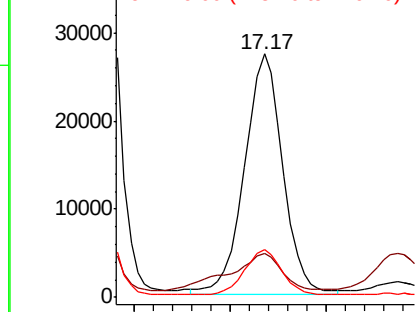
Tot Ion:	178	Resp:	37817
Ion Ratio	Lower	Upper	
178	100		
179	18.0	15.5	23.3
176	19.5	16.6	25.0

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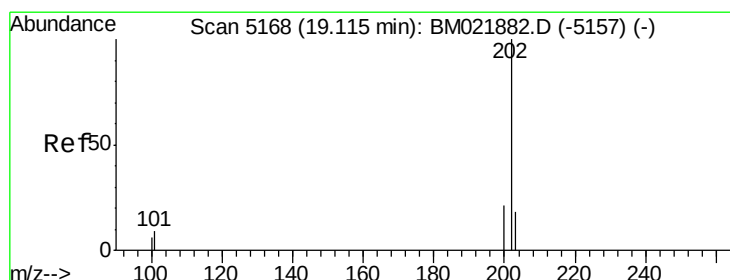
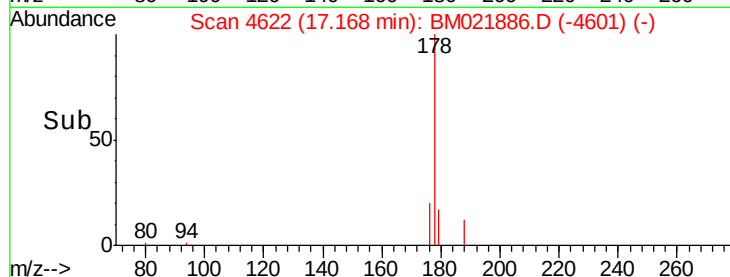
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



Time-->



#15

Fluoranthene

Concen: 26.940 ng/ul m

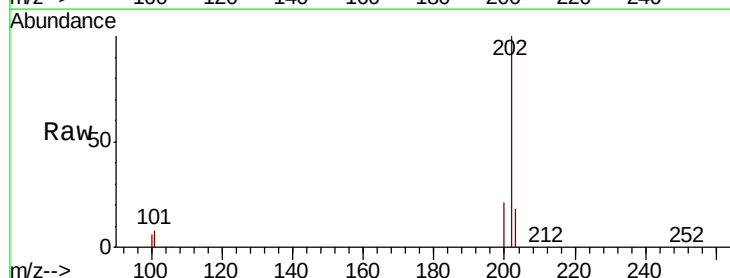
RT: 19.10 min Scan# 5164

Delta R.T. -0.01 min

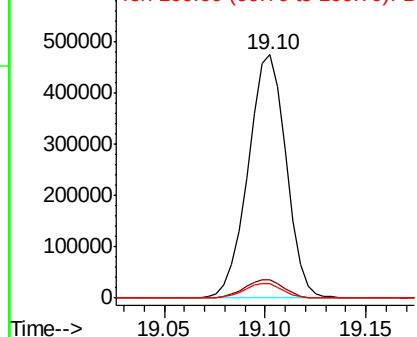
Lab File: BM021886.D

Acq: 07 Aug 2019 08:39

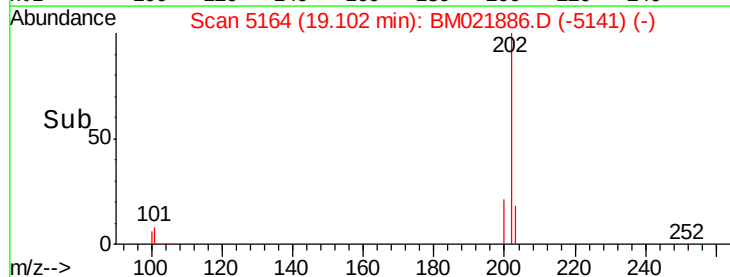
Tgt Ion:	202	Resp:	621508
Ion Ratio	Lower	Upper	
202	100		
101	7.6	0.0	30.2
100	5.8	0.0	28.1

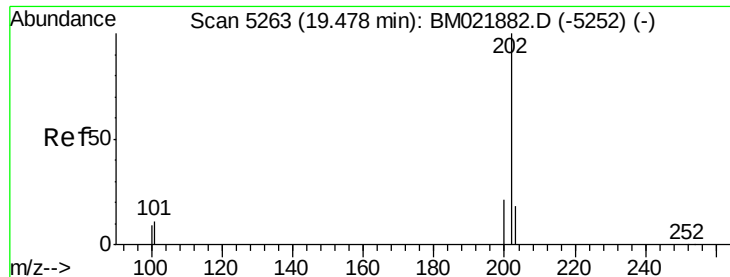


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B



Time-->





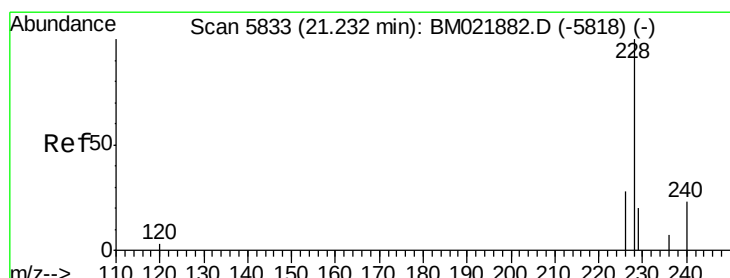
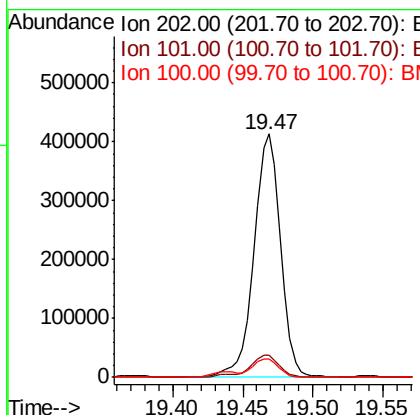
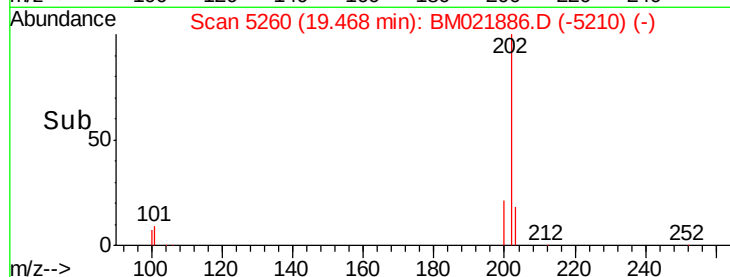
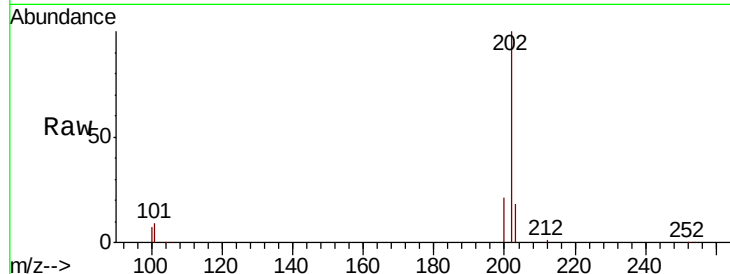
#17
Pvrene
Concen: 22.963 ng/ul
RT: 19.47 min Scan# 5260
Delta R.T. -0.01 min
Lab File: BM021886.D
Acq: 07 Aug 2019 08:39

Instrument :
BNA_M
ClientSampled :
BEP11

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	8.9	8.3	12.5
100	7.3	7.2	10.8

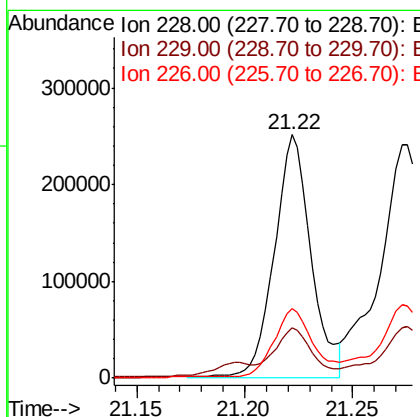
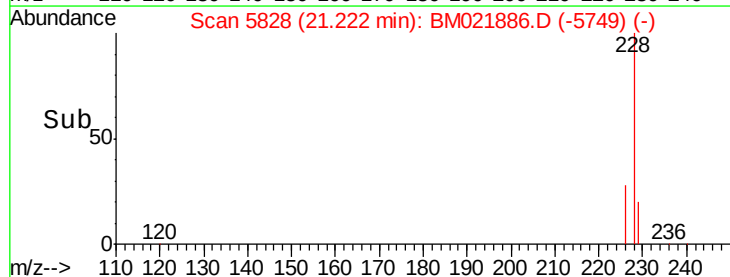
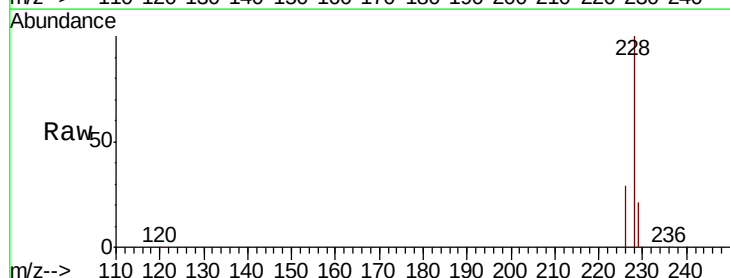
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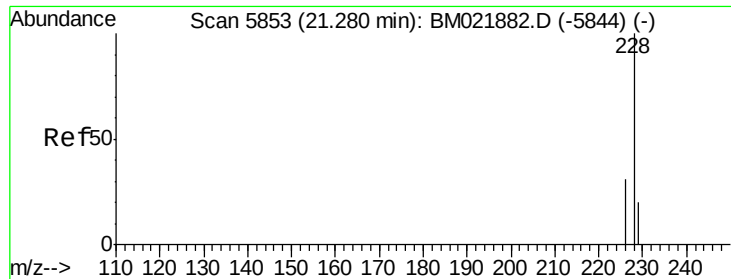
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#18
Benzo(a)anthracene
Concen: 14.590 ng/ul m
RT: 21.22 min Scan# 5828
Delta R.T. -0.01 min
Lab File: BM021886.D
Acq: 07 Aug 2019 08:39

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	20.6	17.2	25.8
226	28.6	22.6	34.0





#19

Chrysene

Concen: 12.846 ng/ul

RT: 21.28 min Scan# 5850

Delta R.T. -0.01 min

Lab File: BM021886.D

Acq: 07 Aug 2019 08:39

Instrument :

BNA_M

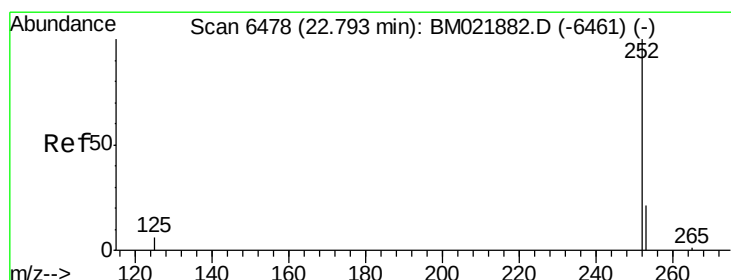
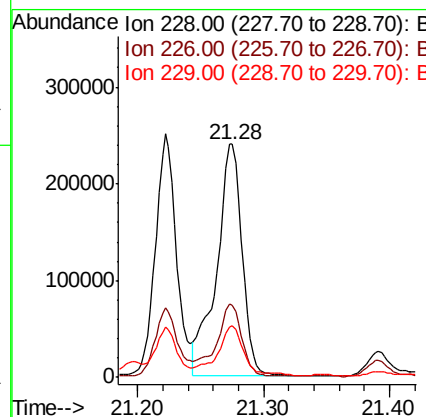
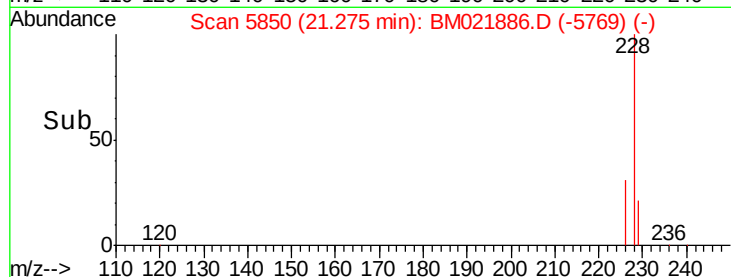
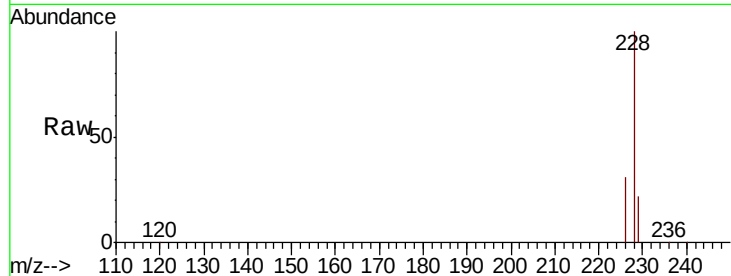
ClientSampleId :

BEP11

Tot Ion:	228	Resp:	339853
Ion Ratio	Lower	Upper	
228	100		
226	30.7	24.9	37.3
229	21.9	16.6	25.0

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#21

Benzo(b)fluoranthene

Concen: 25.386 ng/ul m

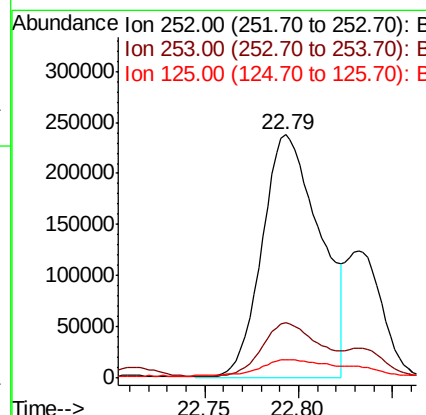
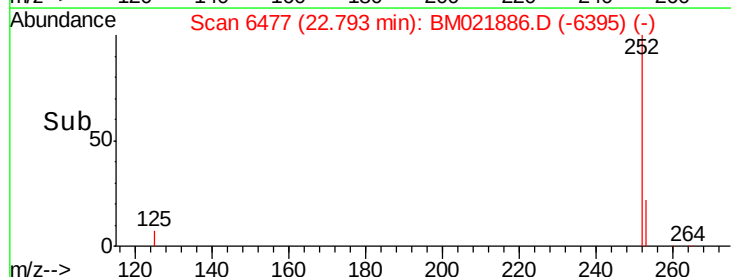
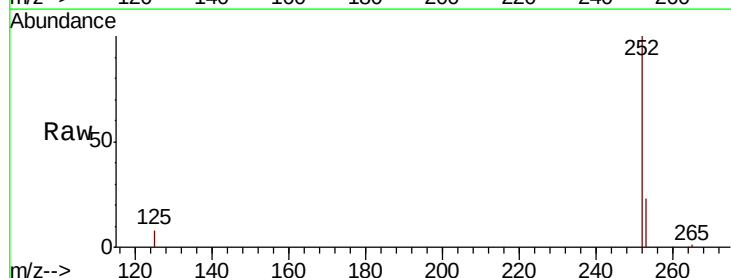
RT: 22.79 min Scan# 6477

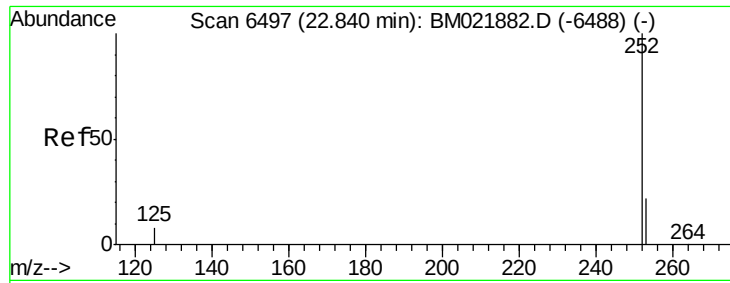
Delta R.T. -0.00 min

Lab File: BM021886.D

Acq: 07 Aug 2019 08:39

Tgt Ion:	252	Resp:	509102
Ion Ratio	Lower	Upper	
252	100		
253	22.7	0.0	67.4
125	7.5	0.0	31.0





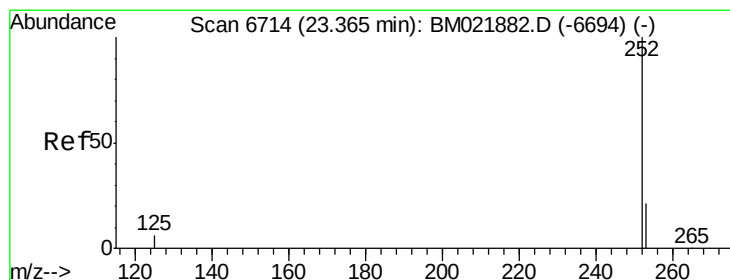
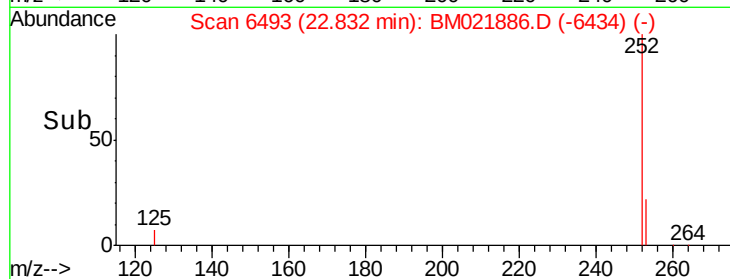
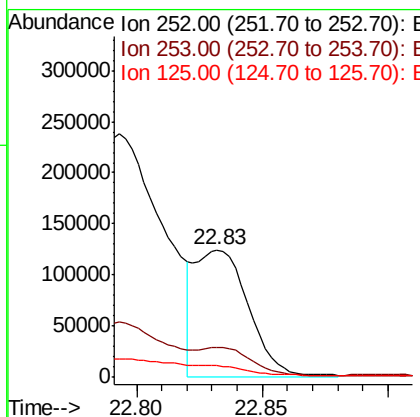
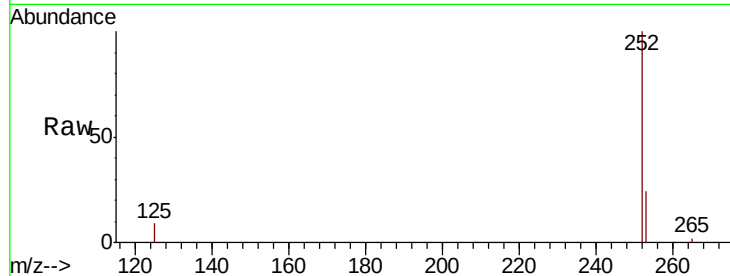
#22
Benzo(k)fluoranthene
Concen: 8.310 ng/ul m
RT: 22.83 min Scan# 6493
Delta R.T. -0.01 min
Lab File: BM021886.D
Acq: 07 Aug 2019 08:39

Instrument :
BNA_M
ClientSampleId :
BEP11

Tot Ion	Ratio	Resp	Lower	Upper
252	100	188598		
253	23.7		27.0	40.4#
125	8.9		12.2	18.2#

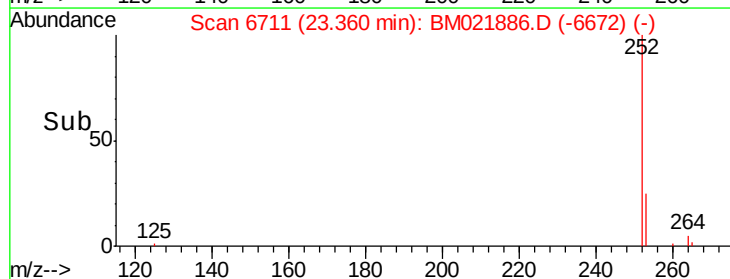
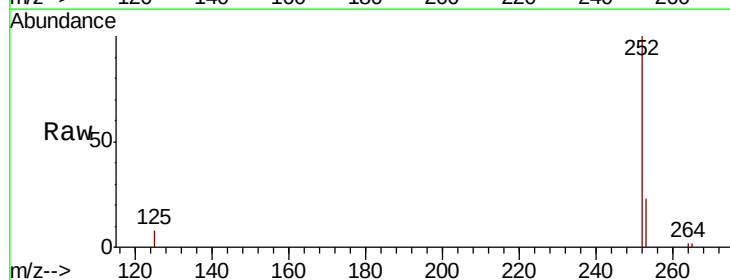
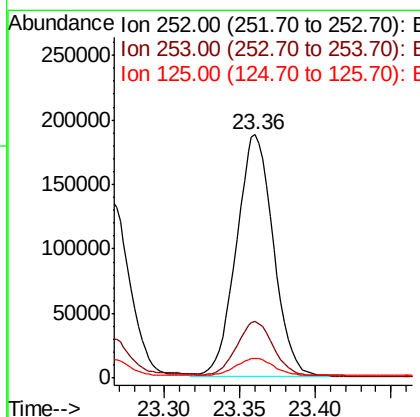
Manual Integrations
APPROVED

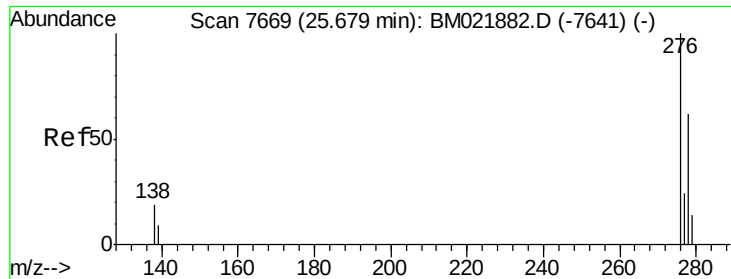
mohammad
8/7/2019 12:14:01 PM



#23
Benzo(a)pyrene
Concen: 15.606 ng/ul m
RT: 23.36 min Scan# 6711
Delta R.T. -0.01 min
Lab File: BM021886.D
Acq: 07 Aug 2019 08:39

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	318280		
253	23.1		31.7	47.5#
125	8.1		14.6	21.8#





#24

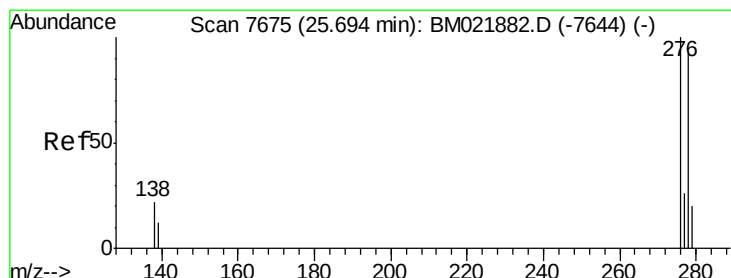
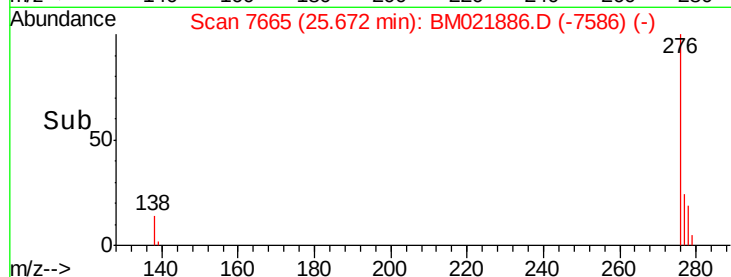
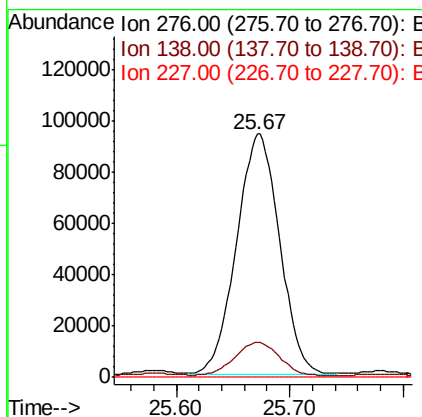
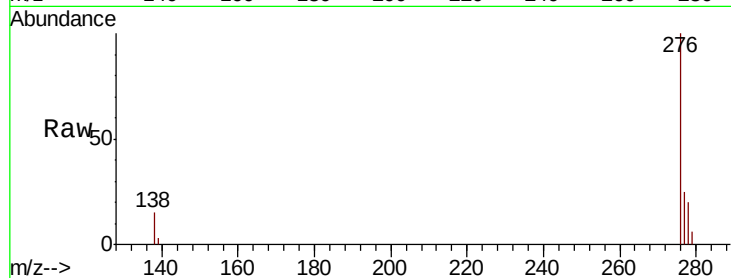
Indeno(1,2,3-cd)pyrene
Concen: 10.218 ng/ul m
RT: 25.67 min Scan# 7665
Delta R.T. -0.01 min
Lab File: BM021886.D
Acq: 07 Aug 2019 08:39

Instrument :
BNA_M
ClientSampleId :
BEP11

Tot Ion	Ratio	Resp	Lower	Upper
276	100	248818		
138	1.4	15.1	22.7#	
227	0.0	0.0	0.0	

Manual Integrations
APPROVED

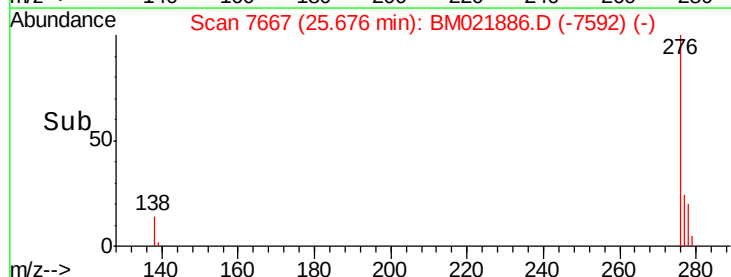
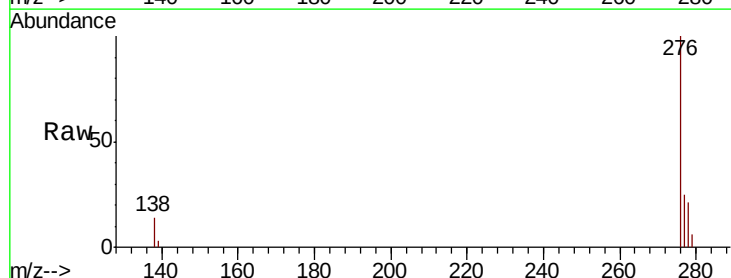
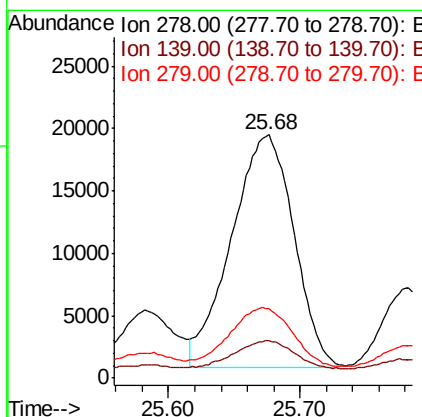
mohammad
8/7/2019 12:14:01 PM

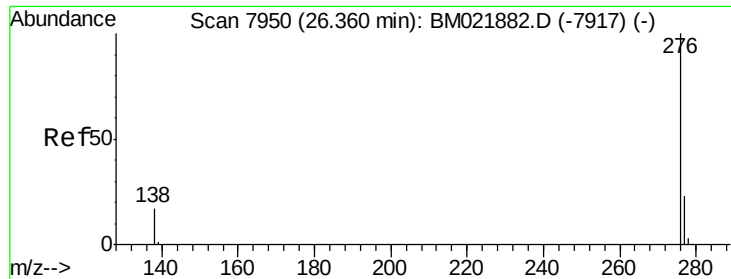


#25

Dibenzo(a,h)anthracene
Concen: 3.144 ng/ul m
RT: 25.68 min Scan# 7667
Delta R.T. -0.02 min
Lab File: BM021886.D
Acq: 07 Aug 2019 08:39

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	61880		
139	15.2	14.2	21.2	
279	28.6	28.3	42.5	





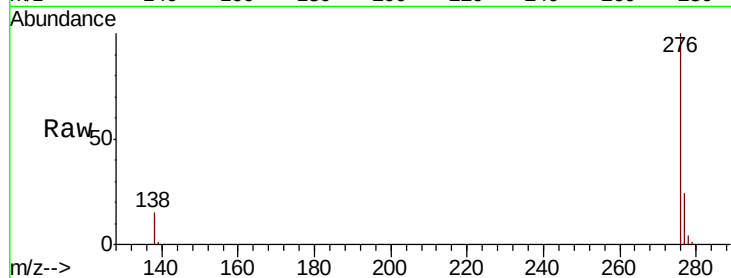
#26
 Benzo(a,h,i)perylene
 Concen: 9.871 ng/ul m
 RT: 26.35 min Scan# 7947
 Delta R.T. -0.01 min
 Lab File: BM021886.D
 Acq: 07 Aug 2019 08:39

Instrument :
 BNA_M
 ClientSampleId :
 BEP11

Tot Ion	Ratio	Lower	Upper
276	100		
138	15.2	15.5	23.3#
277	24.5	21.4	32.2

Manual Integrations
 APPROVED

mohammad
 8/7/2019 12:14:01 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

