

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080619\
 Data File : BM021883.D
 Acq On : 07 Aug 2019 06:50
 Operator : HP/JU
 Sample : K3893-11
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BEP15

Manual Integrations
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Quant Time: Aug 07 08:36:24 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	804	0.40	ng/ul	0.00
2) Naphthalene-d8	10.40	136	3401	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.28	164	1919	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.03	188	4621m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.24	240	4799m	0.40	ng/ul	0.00
20) Perylene-d12	23.45	264	5320m	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.00	152	1631	0.29	ng/ul	-0.03
14) Fluoranthene-d10	19.07	212	4636m	0.30	ng/ul	-0.01
Target Compounds					Ovalue	
3) Naphthalene	10.45	128	3569	0.372	ng/ul	98
5) 2-Methylnaphthalene	12.08	142	2432	0.380	ng/ul	97
7) Acenaphthylene	14.00	152	11987	1.339	ng/ul#	81
8) Acenaphthene	14.34	153	2022	0.276	ng/ul	98
9) Fluorene	15.33	166	3415	0.420	ng/ul	98
12) Phenanthrene	17.07	178	68749m	5.113	ng/ul	
13) Anthracene	17.17	178	16134m	1.407	ng/ul	
15) Fluoranthene	19.10	202	209084m	11.609	ng/ul	
17) Pyrene	19.46	202	178219	9.037	ng/ul	99
18) Benzo(a)anthracene	21.22	228	112227m	6.538	ng/ul	
19) Chrysene	21.27	228	127049	5.755	ng/ul	99
21) Benzo(b)fluoranthene	22.79	252	208316m	11.612	ng/ul	
22) Benzo(k)fluoranthene	22.83	252	70201m	3.458	ng/ul	
23) Benzo(a)pyrene	23.36	252	128659m	7.052	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.66	276	109536m	5.028	ng/ul	
25) Dibenzo(a,h)anthracene	25.67	278	27156m	1.542	ng/ul	
26) Benzo(a,h,i)perylene	26.34	276	94114m	4.799	ng/ul	

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

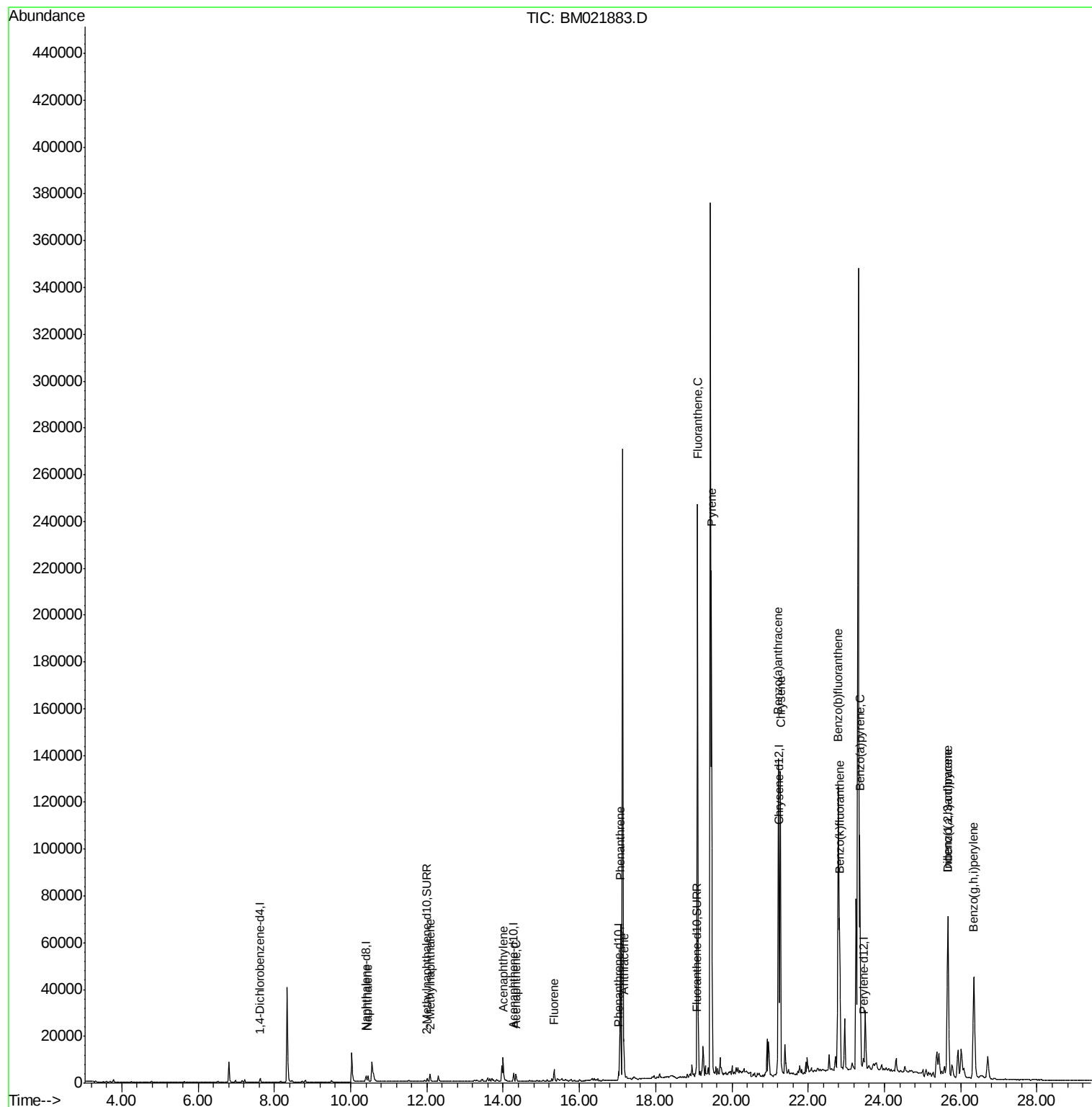
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080619\
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ALS Vial : 23 Sample Multiplier: 1

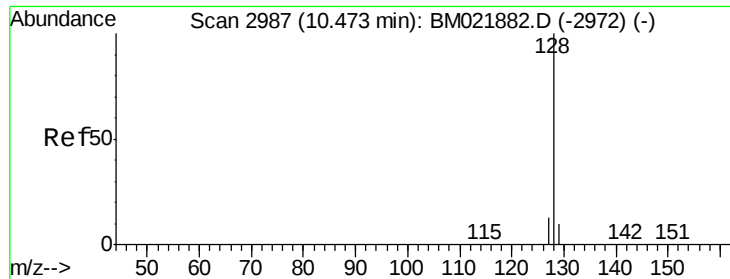
Instrument :
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Quant Time: Aug 07 08:36:24 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M
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QLast Update : Wed Aug 07 08:28:11 2019
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#3

Naphthalene

Concen: 0.372 ng/ul

RT: 10.45 min Scan# 2982

Delta R.T. -0.02 min

Lab File: BM021883.D

Acq: 07 Aug 2019 06:50

Instrument :

BNA_M

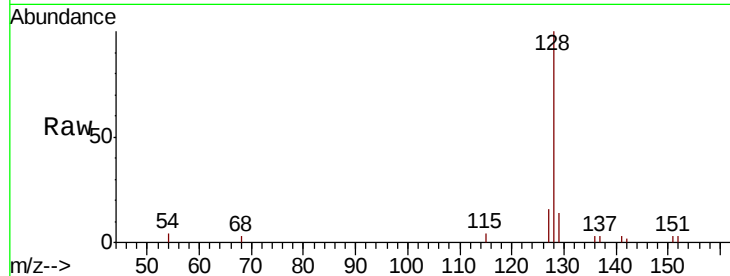
ClientSampled :

BEP15

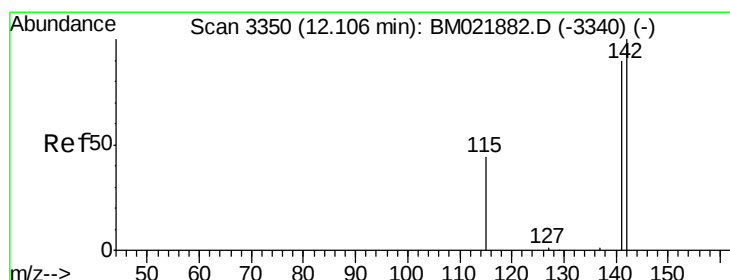
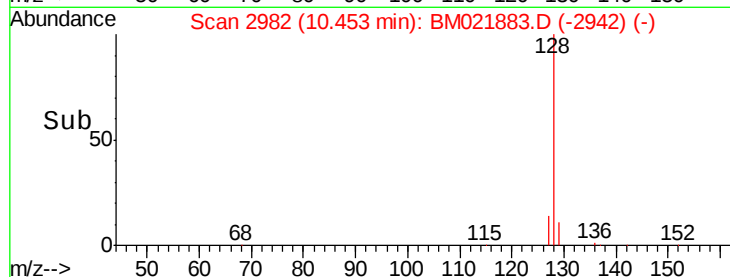
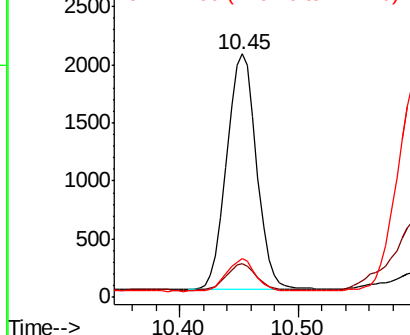
Tot Ion:	128	Resp:	3569
Ion	Ratio	Lower	Upper
128	100		
129	13.9	12.3	18.5
127	15.8	13.0	19.6

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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: 0.380 ng/ul

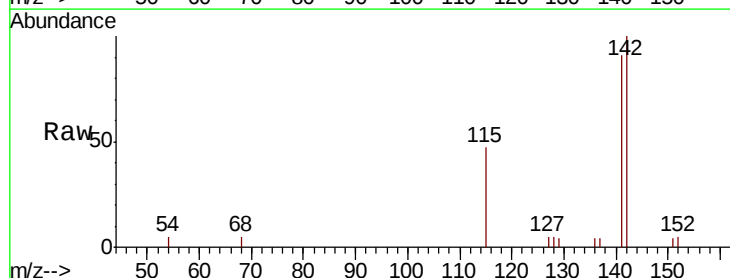
RT: 12.08 min Scan# 3344

Delta R.T. -0.03 min

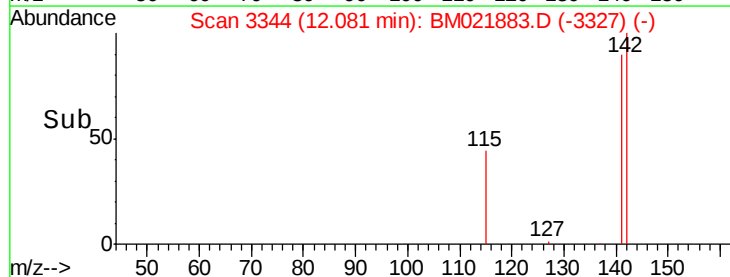
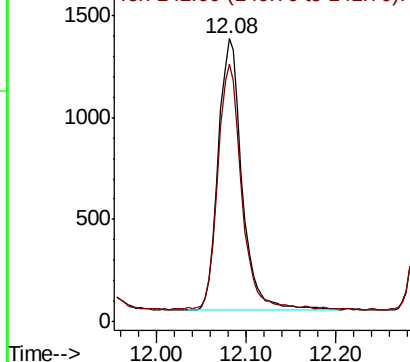
Lab File: BM021883.D

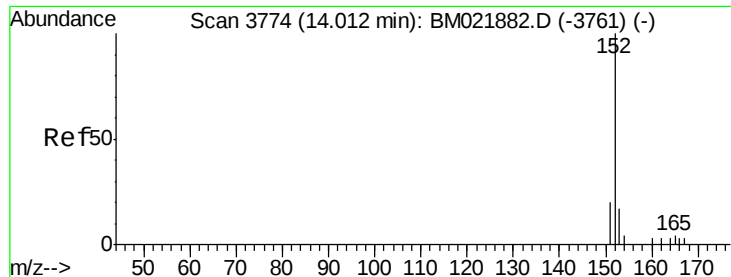
Acq: 07 Aug 2019 06:50

Tgt Ion:	142	Resp:	2432
Ion	Ratio	Lower	Upper
142	100		
141	90.3	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: 1.339 ng/ul

RT: 14.00 min Scan# 3771

Delta R.T. -0.01 min

Lab File: BM021883.D

Acq: 07 Aug 2019 06:50

Instrument :

BNA_M

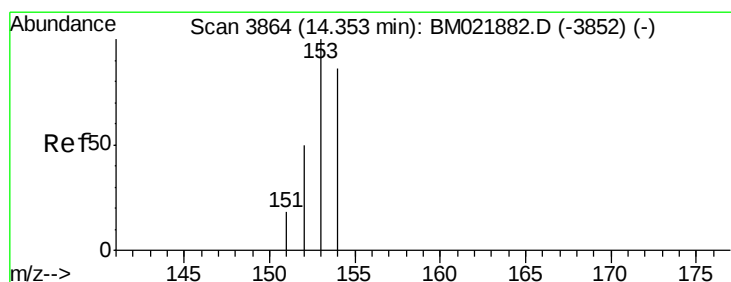
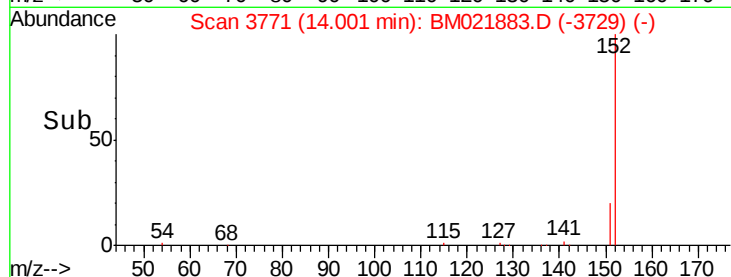
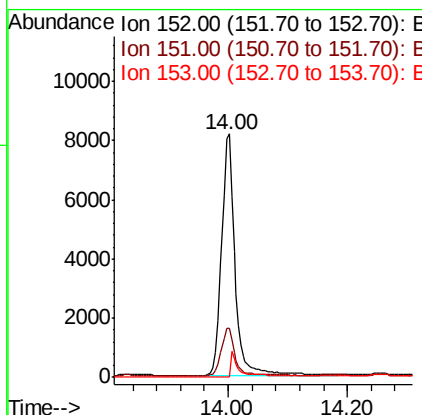
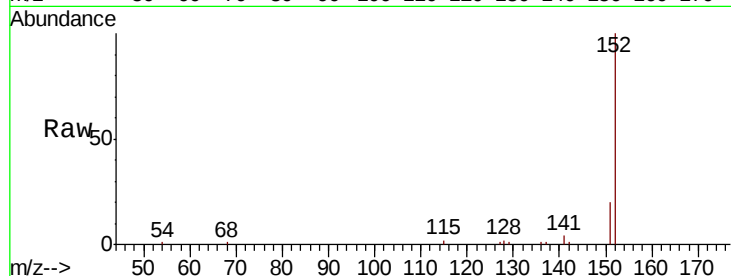
ClientSampled :

BEP15

Tot Ion:	152	Resp:	11987
Ion Ratio	Lower	Upper	
152	100		
151	20.4	18.3	27.5
153	0.0	12.8	19.2#

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#8

Acenaphthene

Concen: 0.276 ng/ul

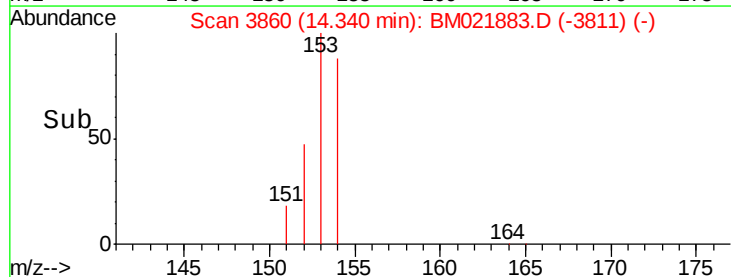
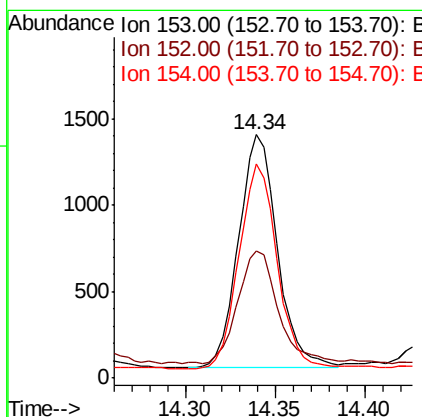
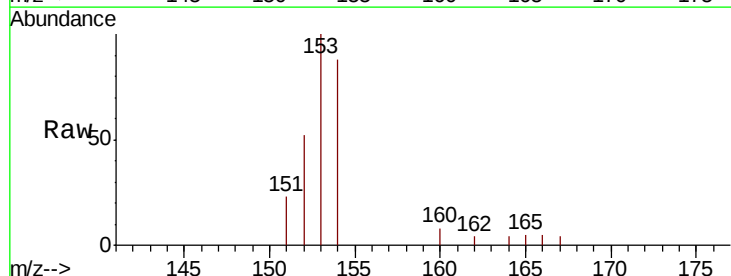
RT: 14.34 min Scan# 3860

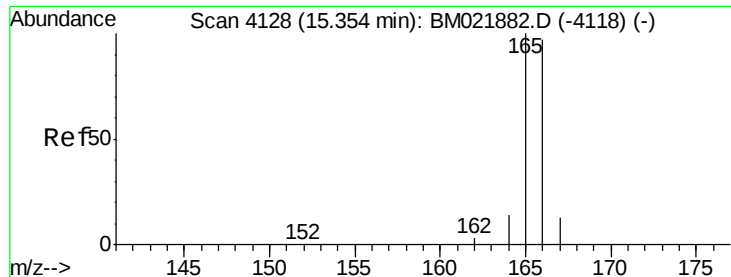
Delta R.T. -0.01 min

Lab File: BM021883.D

Acq: 07 Aug 2019 06:50

Tgt Ion:	153	Resp:	2022
Ion Ratio	Lower	Upper	
153	100		
152	52.1	41.3	61.9
154	88.1	72.3	108.5





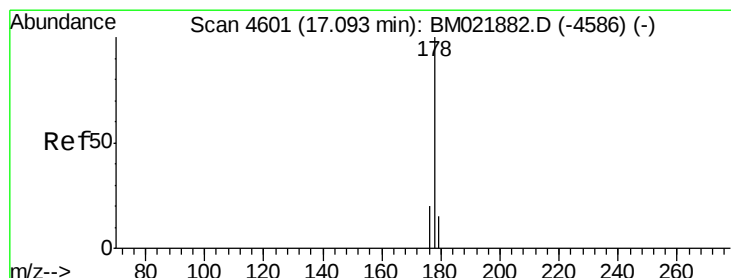
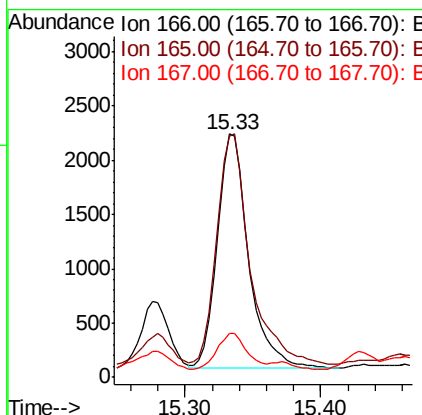
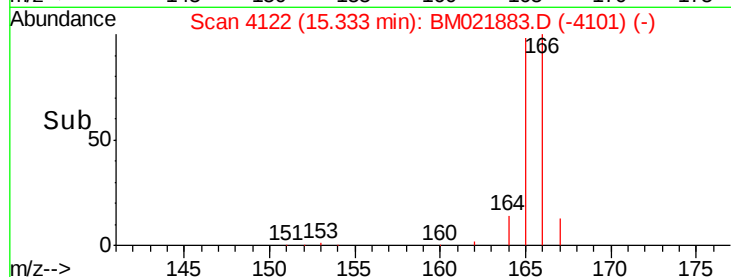
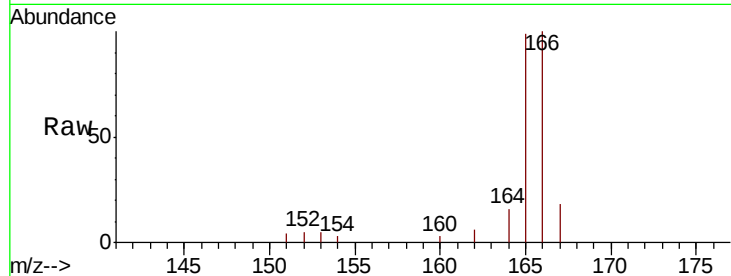
#9
Fluorene
 Concen: 0.420 ng/ul
 RT: 15.33 min Scan# 4122
 Delta R.T. -0.02 min
 Lab File: BM021883.D
 Acq: 07 Aug 2019 06:50

Instrument :
 BNA_M
 ClientSampleId :
 BEP15

Tot Ion	Ratio	Lower	Upper
166	100		
165	99.3	81.4	122.0
167	17.9	13.7	20.5

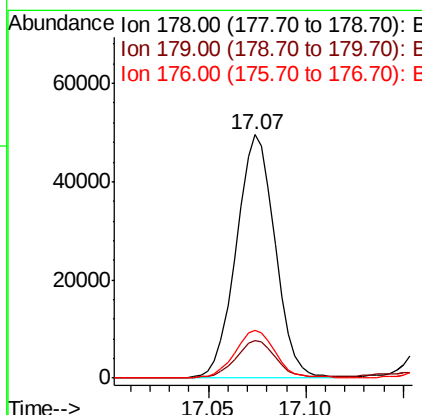
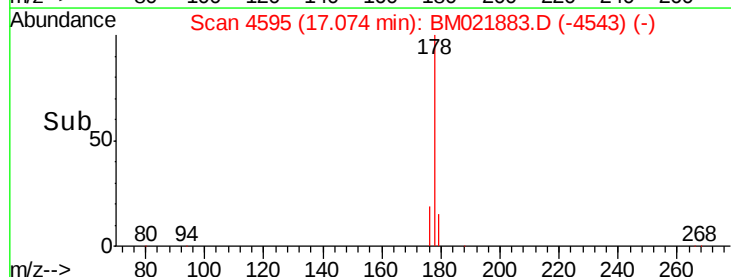
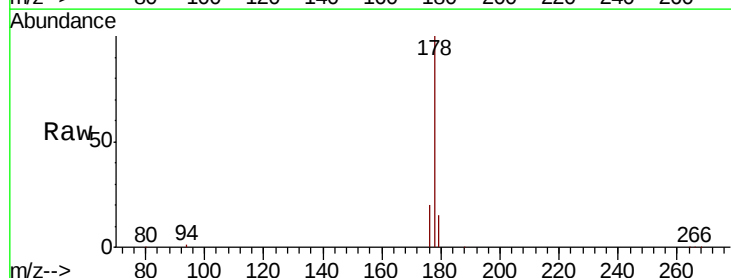
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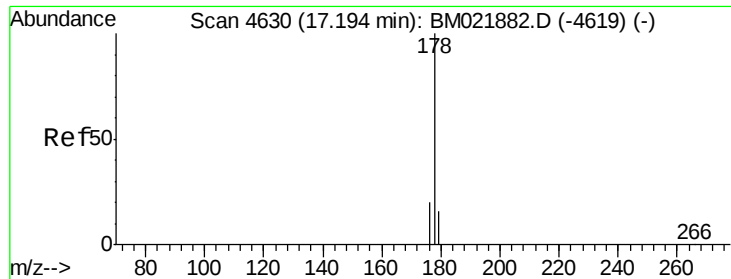
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#12
Phenanthrene
 Concen: 5.113 ng/ul m
 RT: 17.07 min Scan# 4595
 Delta R.T. -0.02 min
 Lab File: BM021883.D
 Acq: 07 Aug 2019 06:50

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.5	14.2	21.2
176	19.7	16.8	25.2





#13

Anthracene

Concen: 1.407 ng/ul m

RT: 17.17 min Scan# 4622

Delta R.T. -0.03 min

Lab File: BM021883.D

Acq: 07 Aug 2019 06:50

Instrument :

BNA_M

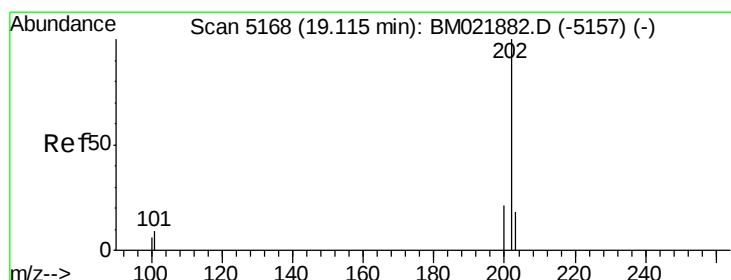
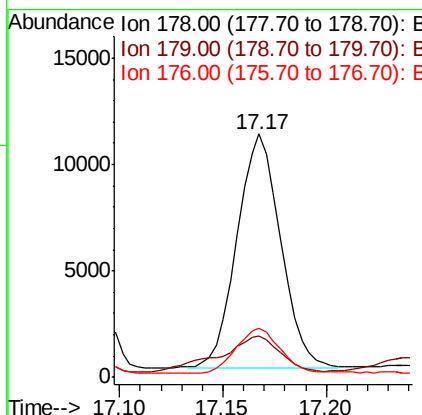
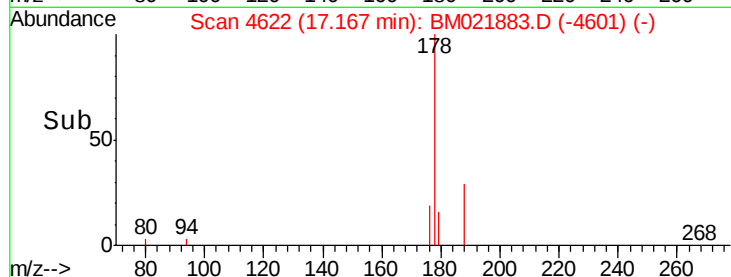
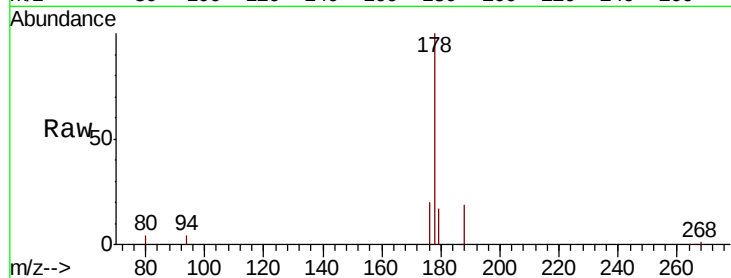
ClientSampleId :

BEP15

Tot Ion:	178	Resp:	16134
Ion Ratio	Lower	Upper	
178	100		
179	16.8	15.5	23.3
176	19.9	16.6	25.0

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#15

Fluoranthene

Concen: 11.609 ng/ul m

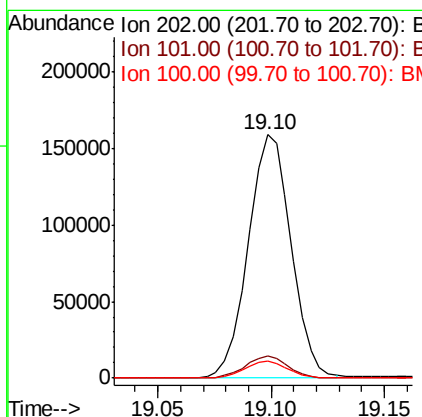
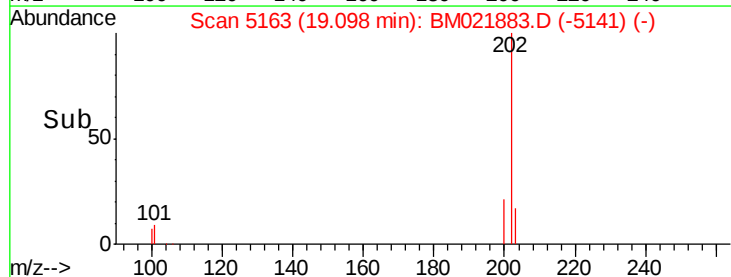
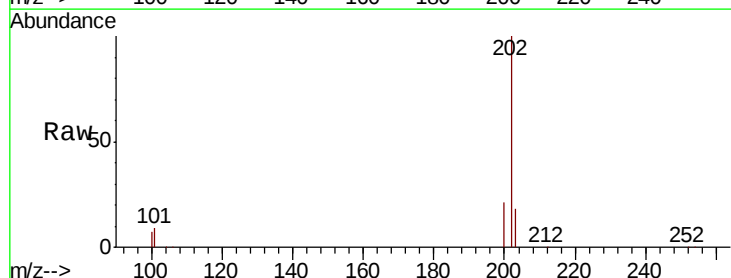
RT: 19.10 min Scan# 5163

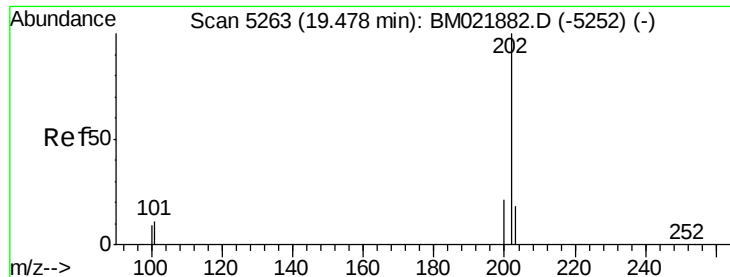
Delta R.T. -0.02 min

Lab File: BM021883.D

Acq: 07 Aug 2019 06:50

Tgt Ion:	202	Resp:	209084
Ion Ratio	Lower	Upper	
202	100		
101	8.9	0.0	30.2
100	7.0	0.0	28.1





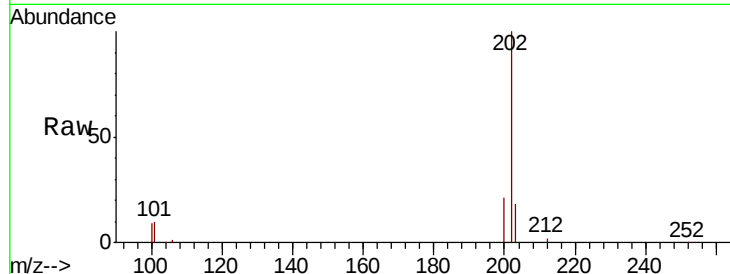
#17
Pvrene
Concen: 9.037 ng/ul
RT: 19.46 min Scan# 5259
Delta R.T. -0.01 min
Lab File: BM021883.D
Acq: 07 Aug 2019 06:50

Instrument :
BNA_M
ClientSampleId :
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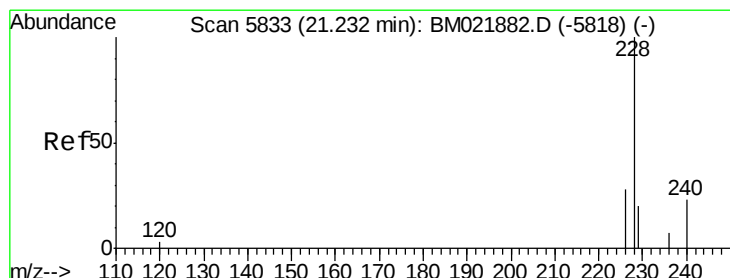
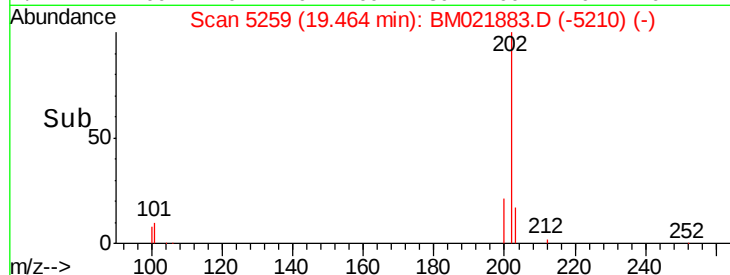
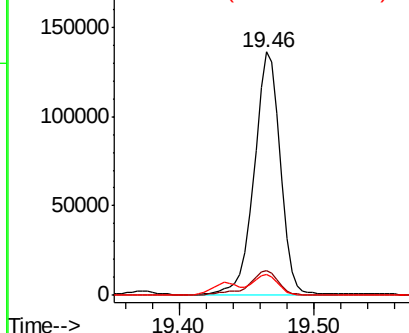
Tot Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	10.1	8.3	12.5
100	8.5	7.2	10.8

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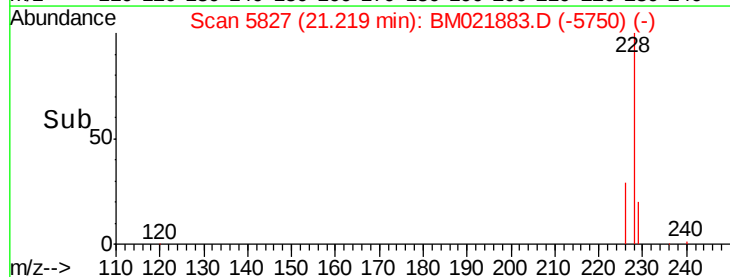
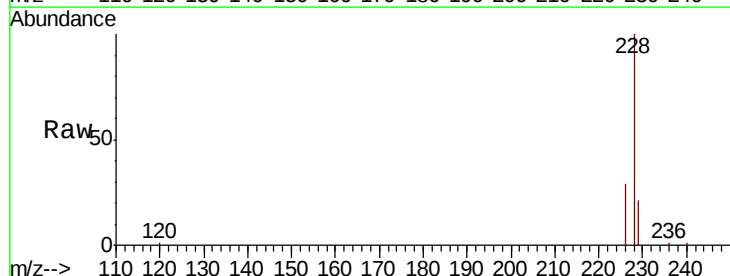
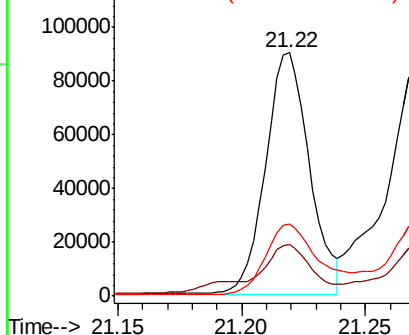
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

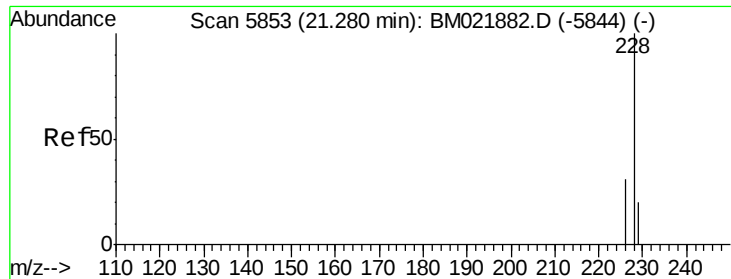


#18
Benzo(a)anthracene
Concen: 6.538 ng/ul m
RT: 21.22 min Scan# 5827
Delta R.T. -0.01 min
Lab File: BM021883.D
Acq: 07 Aug 2019 06:50

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	21.0	17.2	25.8
226	29.5	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: 5.755 ng/ul

RT: 21.27 min Scan# 5848

Delta R.T. -0.01 min

Lab File: BM021883.D

Acq: 07 Aug 2019 06:50

Instrument :

BNA_M

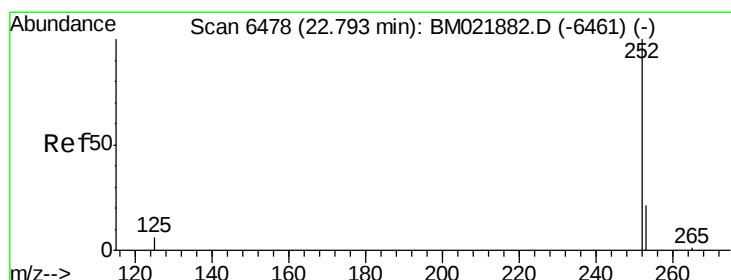
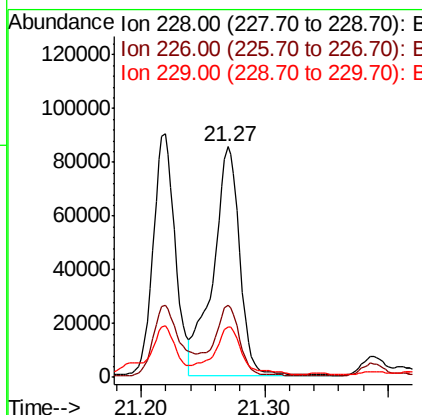
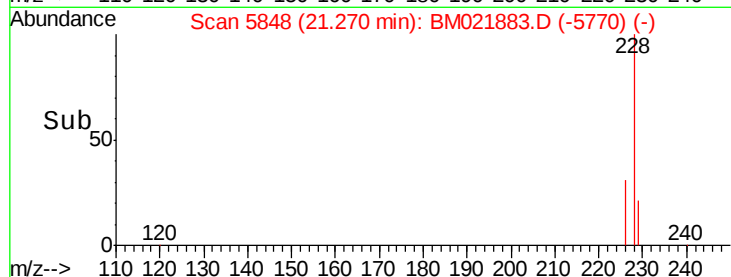
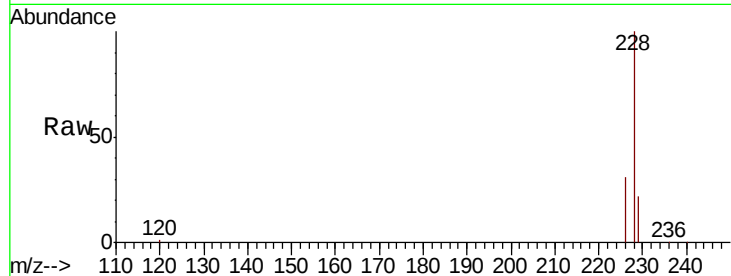
ClientSampleId :

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Tot Ion:	228	Resp:	127049
Ion Ratio	Lower	Upper	
228	100		
226	31.4	24.9	37.3
229	22.0	16.6	25.0

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#21

Benzo(b)fluoranthene

Concen: 11.612 ng/ul m

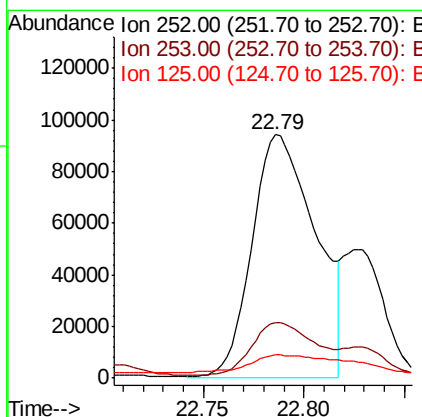
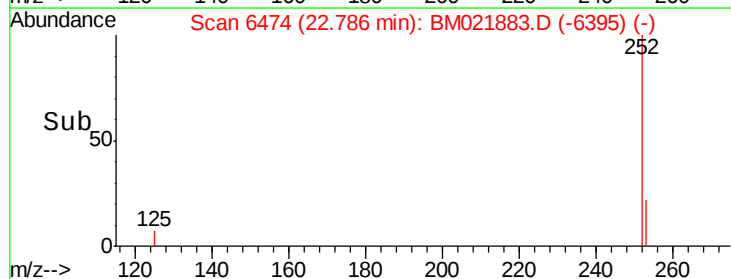
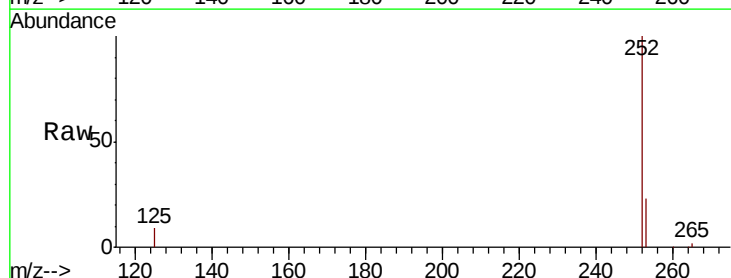
RT: 22.79 min Scan# 6474

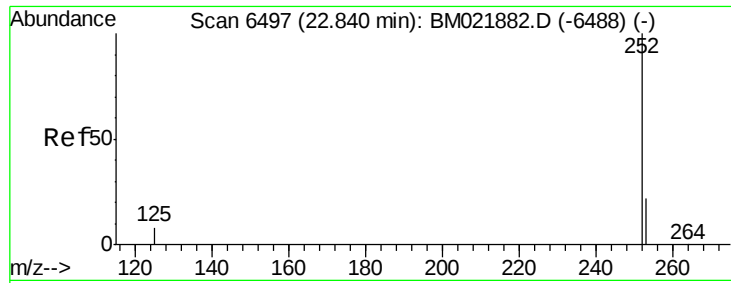
Delta R.T. -0.01 min

Lab File: BM021883.D

Acq: 07 Aug 2019 06:50

Tgt Ion:	252	Resp:	208316
Ion Ratio	Lower	Upper	
252	100		
253	23.0	0.0	67.4
125	9.4	0.0	31.0





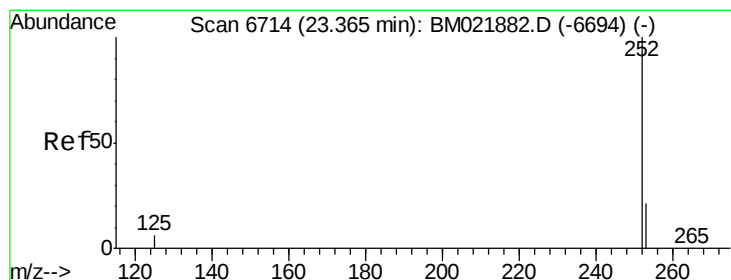
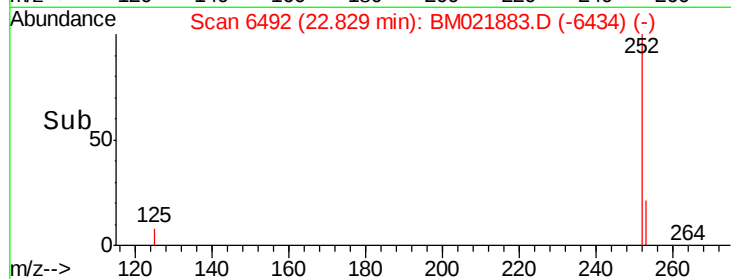
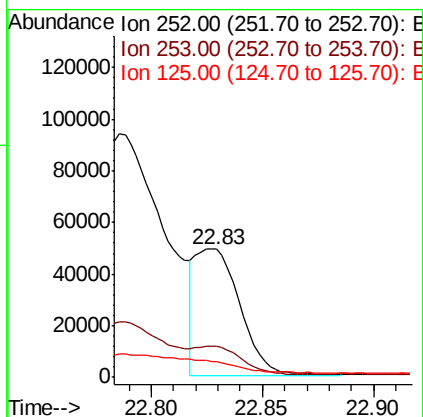
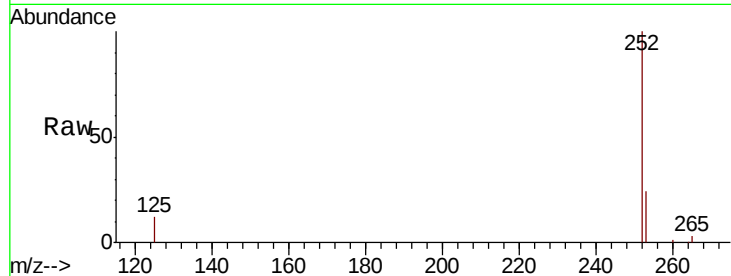
#22
Benzo(k)fluoranthene
Concen: 3.458 ng/ul m
RT: 22.83 min Scan# 6492
Delta R.T. -0.01 min
Lab File: BM021883.D
Acq: 07 Aug 2019 06:50

Instrument :
BNA_M
ClientSampleId :
BEP15

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.3	27.0	40.4#
125	12.1	12.2	18.2#

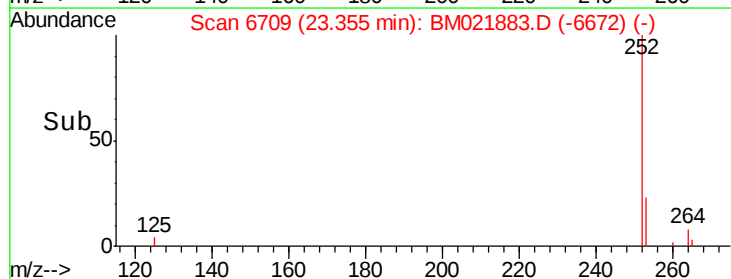
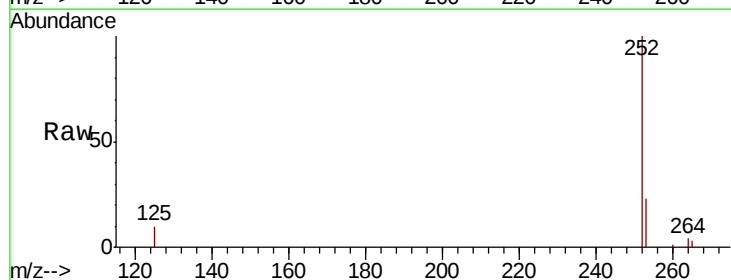
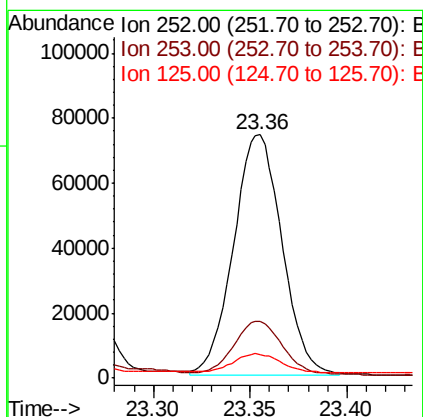
Manual Integrations
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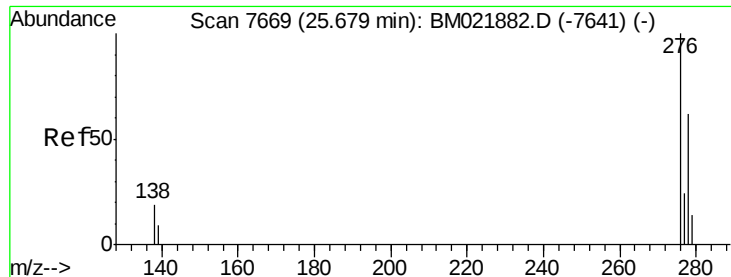
mohammad
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#23
Benzo(a)pyrene
Concen: 7.052 ng/ul m
RT: 23.36 min Scan# 6709
Delta R.T. -0.01 min
Lab File: BM021883.D
Acq: 07 Aug 2019 06:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	31.7	47.5#
125	9.8	14.6	21.8#





#24

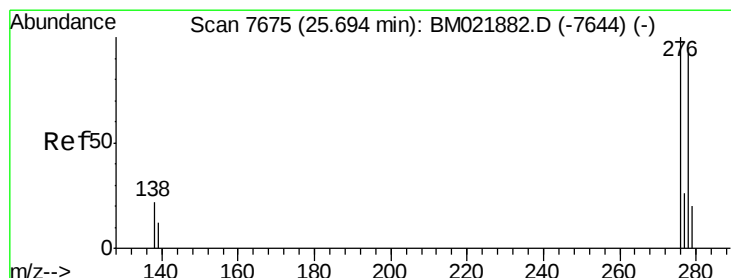
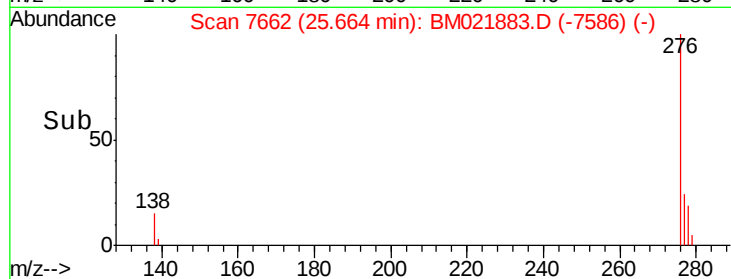
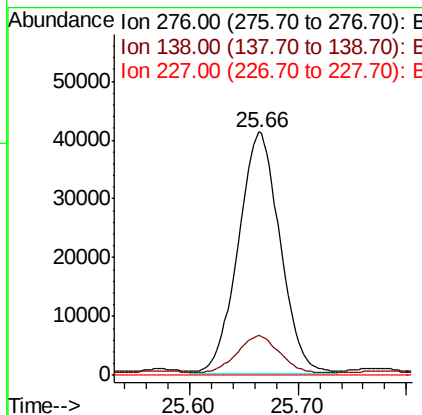
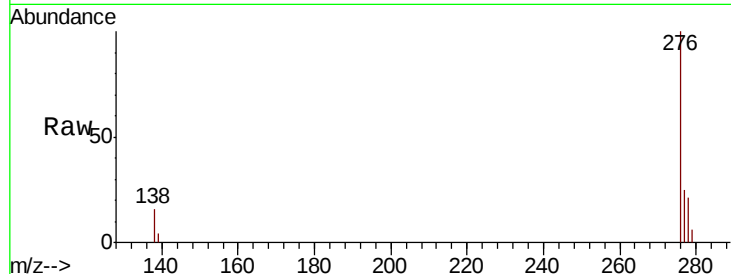
Indeno(1,2,3-cd)pyrene
Concen: 5.028 ng/ul m
RT: 25.66 min Scan# 7662
Delta R.T. -0.02 min
Lab File: BM021883.D
Acq: 07 Aug 2019 06:50

Instrument :
BNA_M
ClientSampled :
BEP15

Tot Ion	Ratio	Resp	Lower	Upper
276	100	109536		
138	1.8	15.1	22.7#	
227	0.0	0.0	0.0	

Manual Integrations
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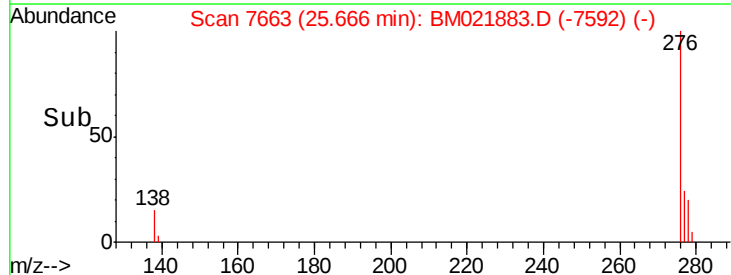
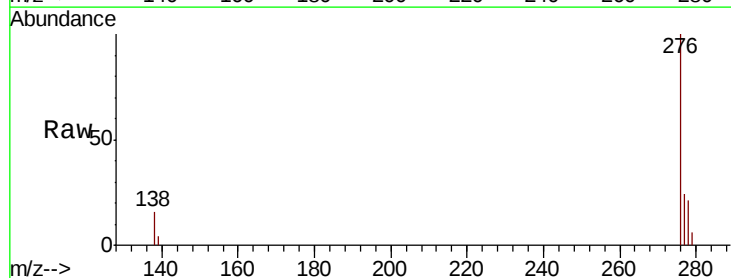
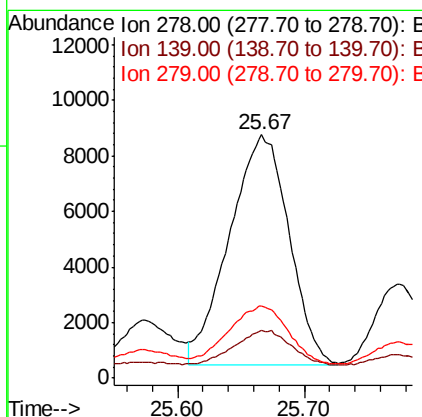
mohammad
8/7/2019 12:13:48 PM

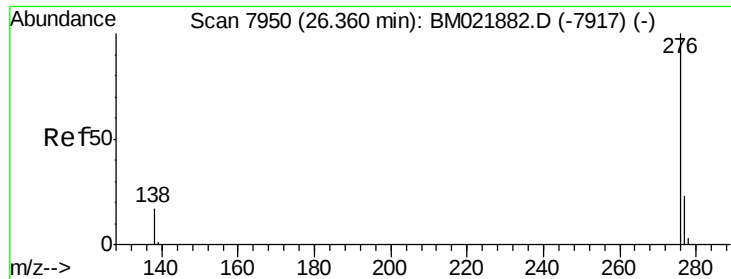


#25

Dibenzo(a,h)anthracene
Concen: 1.542 ng/ul m
RT: 25.67 min Scan# 7663
Delta R.T. -0.03 min
Lab File: BM021883.D
Acq: 07 Aug 2019 06:50

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	27156		
139	19.7	14.2	21.2	
279	29.5	28.3	42.5	





#26
 Benzo(a,h,i)perylene
 Concen: 4.799 ng/ul m
 RT: 26.34 min Scan# 7943
 Delta R.T. -0.02 min
 Lab File: BM021883.D
 Acq: 07 Aug 2019 06:50

Instrument :
 BNA_M
 ClientSampleId :
 BEP15

Tot Ion	Ratio	Lower	Upper
276	100		
138	16.8	15.5	23.3
277	24.5	21.4	32.2

Manual Integrations
 APPROVED

mohammad
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