

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031720\
 Data File : BM025614.D
 Acq On : 17 Mar 2020 17:20
 Operator : CG/JU
 Sample : L1516-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBD22

Manual Integrations
 APPROVED

mohammad
 3/18/2020 9:01:54 AM

Quant Time: Mar 17 17:55:48 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 17 17:05:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	2063	0.40	ng/ul	0.00
2) Naphthalene-d8	10.35	136	7942	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.22	164	5245	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.97	188	12250m	0.40	ng/ul	0.00
16) Chrysene-d12	21.16	240	13429	0.40	ng/ul	0.00
20) Perylene-d12	23.31	264	13999	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.95	152	2943	0.21	ng/ul	0.00
14) Fluoranthene-d10	19.00	212	7608	0.23	ng/ul	0.00
Target Compounds				Ovalue		
5) 2-Methylnaphthalene	12.03	142	896	0.053	ng/ul	98
7) Acenaphthylene	13.94	152	2538	0.118	ng/ul#	84
8) Acenaphthene	14.28	153	52402	2.788	ng/ul	99
9) Fluorene	15.27	166	38450	1.679	ng/ul	99
12) Phenanthrene	17.01	178	147607	3.802	ng/ul	99
13) Anthracene	17.10	178	15780	0.467	ng/ul	99
15) Fluoranthene	19.03	202	235071	5.586	ng/ul	99
17) Pyrene	19.39	202	147530	2.448	ng/ul	99
18) Benzo(a)anthracene	21.14	228	22495	0.469	ng/ul	100
19) Chrysene	21.20	228	20294	0.376	ng/ul	98
21) Benzo(b)fluoranthene	22.68	252	9231m	0.167	ng/ul	
22) Benzo(k)fluoranthene	22.72	252	4125m	0.071	ng/ul	
23) Benzo(a)pyrene	23.22	252	3414	0.074	ng/ul#	72
24) Indeno(1,2,3-cd)pyrene	25.44	276	1595	0.026	ng/ul#	76
26) Benzo(g,h,i)perylene	26.09	276	1220	0.023	ng/ul#	69

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

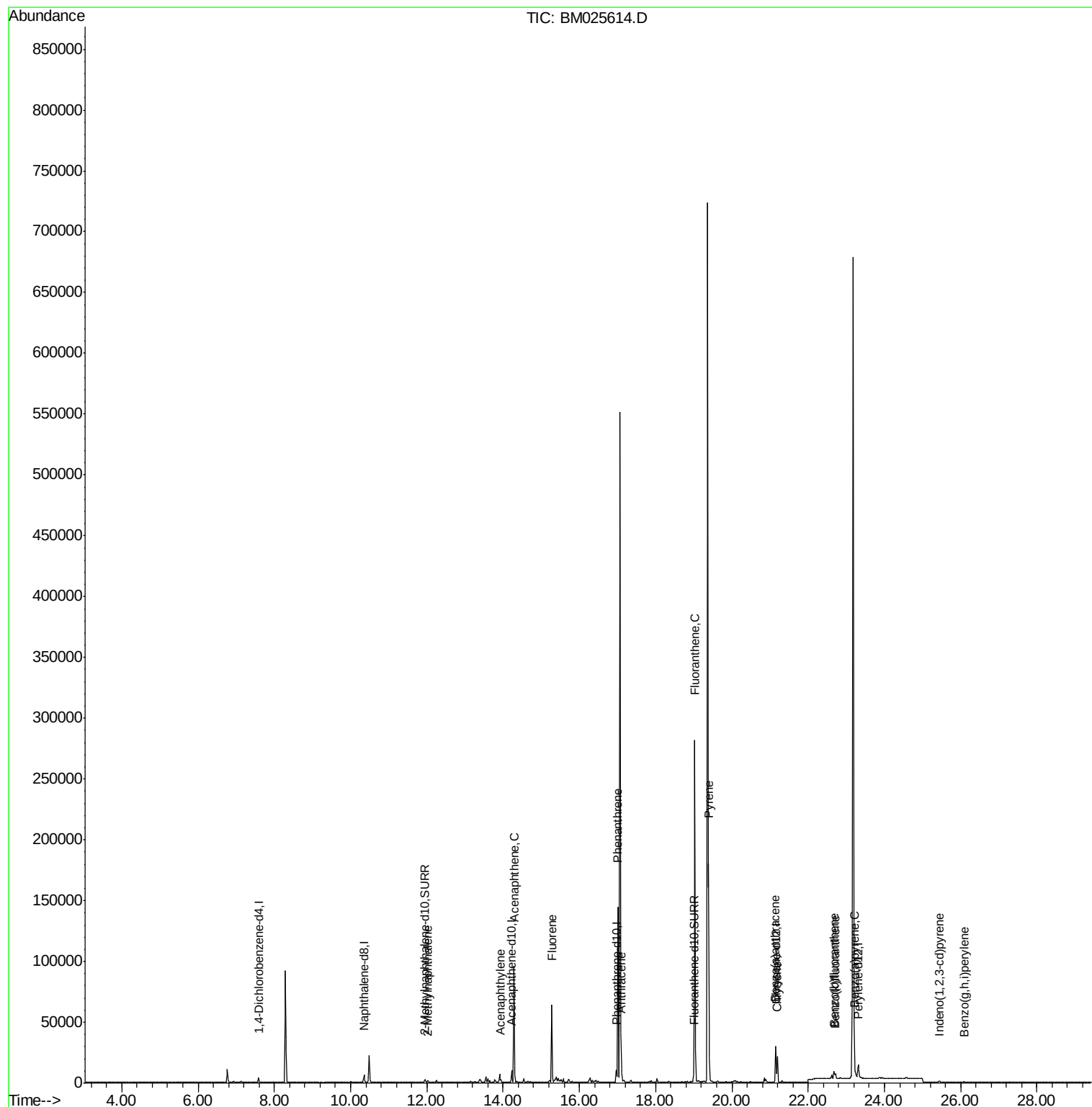
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031720\
Data File : BM025614.D
Acq On : 17 Mar 2020 17:20
Operator : CG/JU
Sample : L1516-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

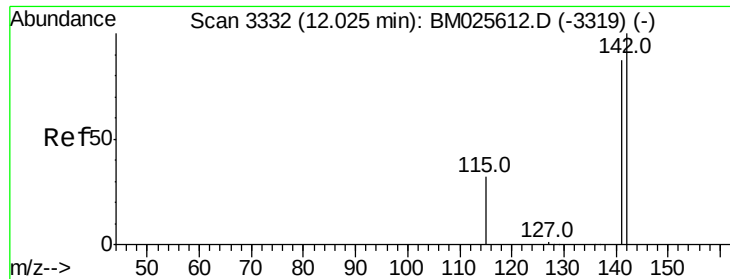
Instrument :
BNA_M
ClientSampleId :
DBD22

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3/18/2020 9:01:54 AM

Quant Time: Mar 17 17:55:48 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 17 17:05:05 2020
Response via : Initial Calibration





#5

2-Methylnaphthalene

Concen: 0.053 ng/ul

RT: 12.03 min Scan# 3332

Delta R.T. 0.00 min

Lab File: BM025614.D

Acq: 17 Mar 2020 17:20

Instrument :

BNA_M

ClientSampleId :

DBD22

Tot Ion:142 Resp: 896

Ion Ratio Lower Upper

142 100

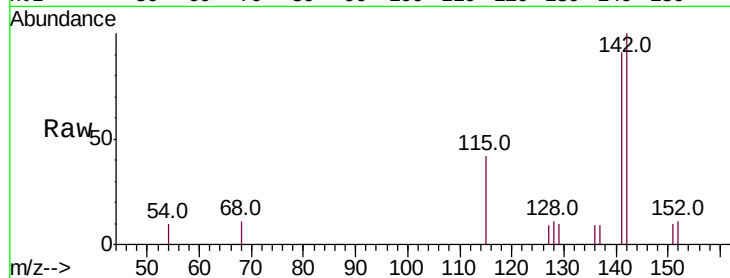
141 88.8 69.8 104.6

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Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

12.03

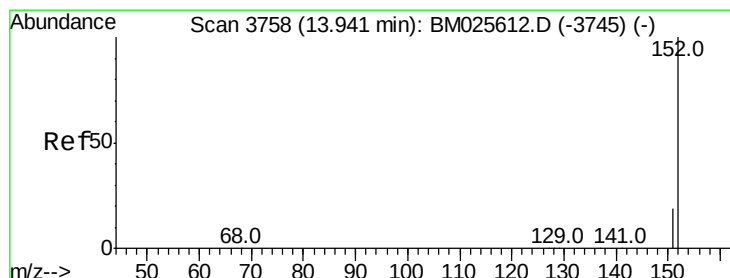
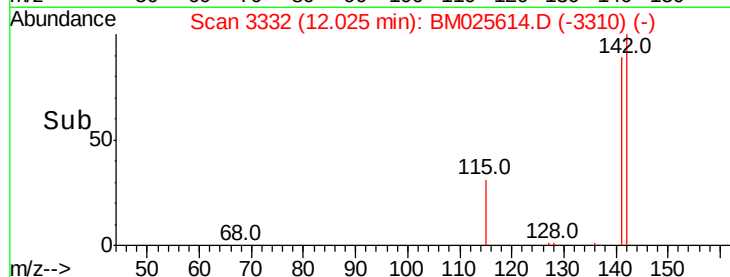
600

400

200

0

Time-->



#7

Acenaphthylene

Concen: 0.118 ng/ul

RT: 13.94 min Scan# 3758

Delta R.T. 0.00 min

Lab File: BM025614.D

Acq: 17 Mar 2020 17:20

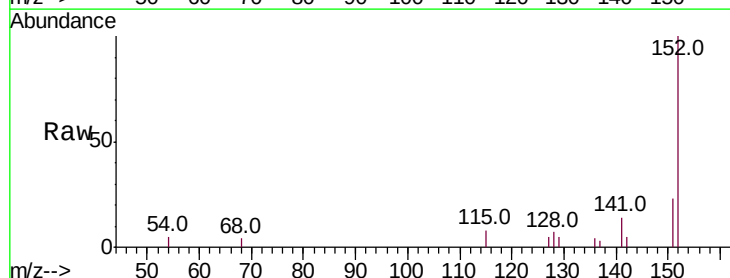
Tgt Ion:152 Resp: 2538

Ion Ratio Lower Upper

152 100

151 22.7 16.2 24.2

153 0.0 10.6 16.0#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

13.94

2000

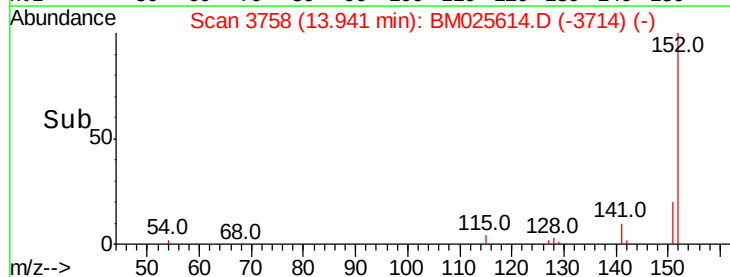
1500

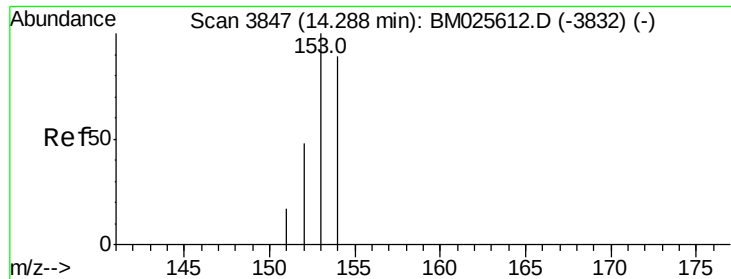
1000

500

0

Time-->





#8

Acenaphthene

Concen: 2.788 ng/ul

RT: 14.28 min Scan# 3846

Delta R.T. -0.00 min

Lab File: BM025614.D

Acq: 17 Mar 2020 17:20

Instrument :

BNA_M

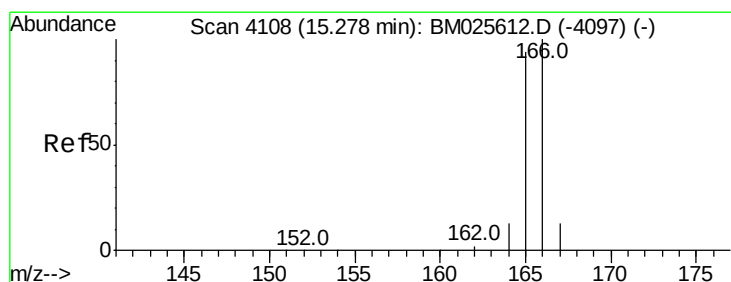
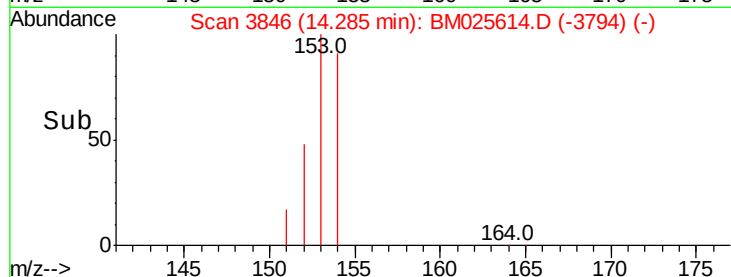
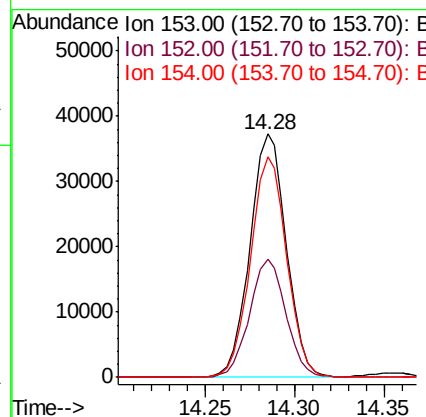
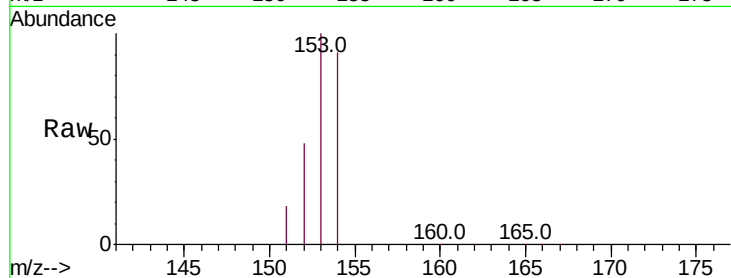
ClientSampleID :

DBD22

Tot Ion:	153	Resp:	52402
Ion Ratio	Lower	Upper	
153	100		
152	48.5	39.5	59.3
154	90.6	71.7	107.5

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#9

Fluorene

Concen: 1.679 ng/ul

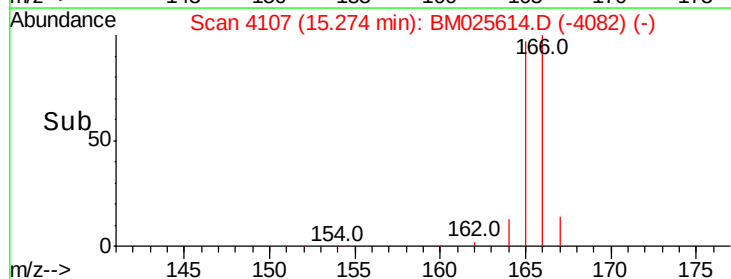
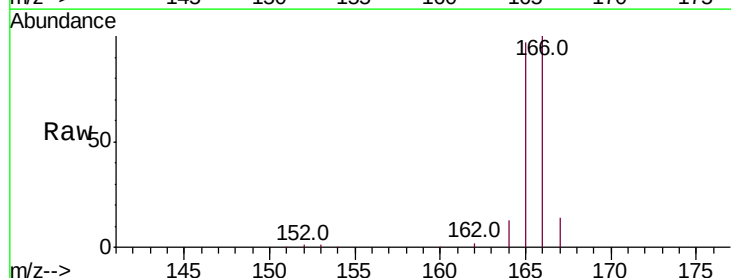
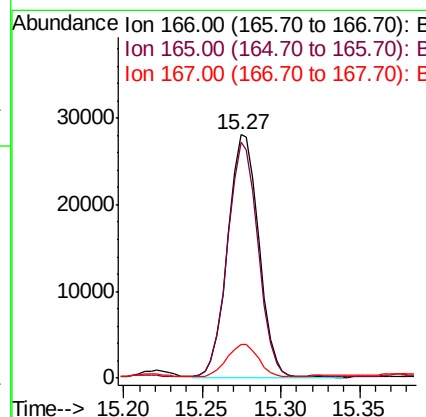
RT: 15.27 min Scan# 4107

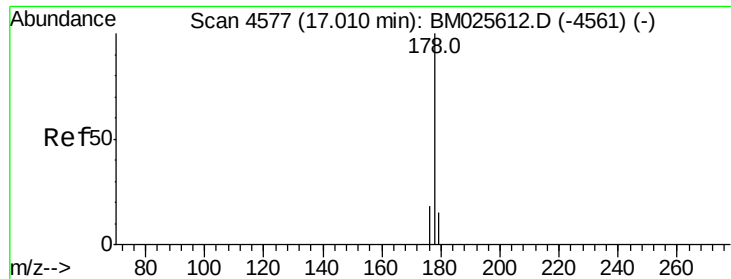
Delta R.T. -0.00 min

Lab File: BM025614.D

Acq: 17 Mar 2020 17:20

Tgt Ion:	166	Resp:	38450
Ion Ratio	Lower	Upper	
166	100		
165	96.8	76.8	115.2
167	14.0	11.2	16.8





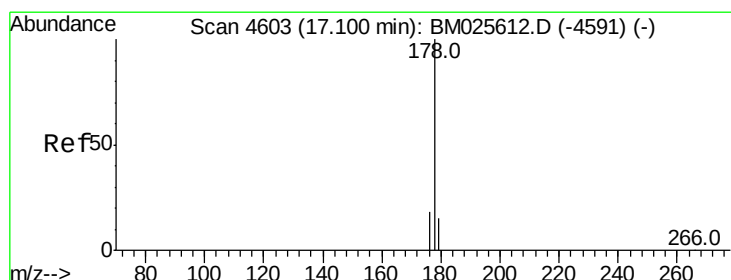
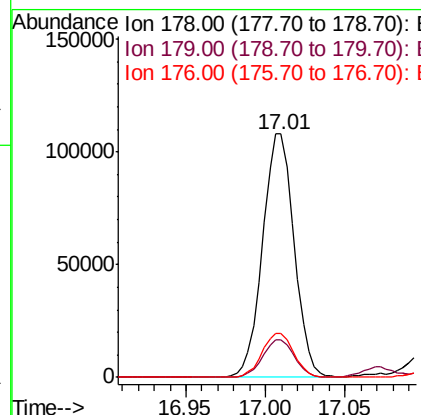
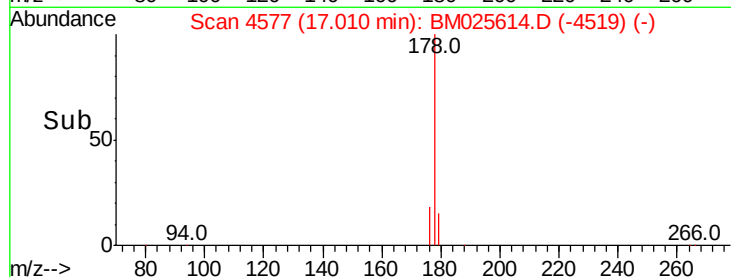
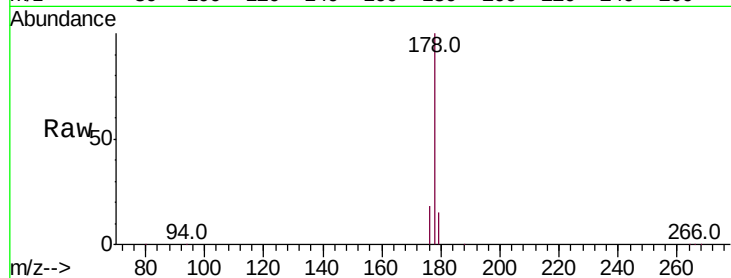
#12
Phenanthrene
Concen: 3.802 ng/ul
RT: 17.01 min Scan# 4577
Delta R.T. 0.00 min
Lab File: BM025614.D
Acq: 17 Mar 2020 17:20

Instrument :
BNA_M
ClientSampleId :
DBD22

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.4	18.6
176	18.1	14.8	22.2

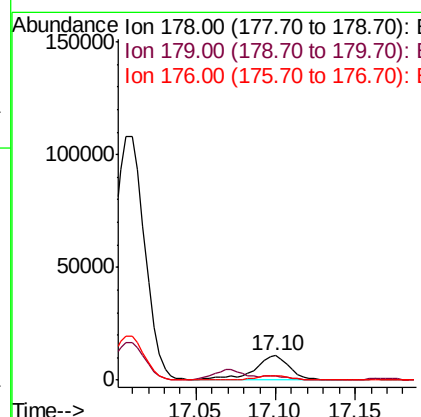
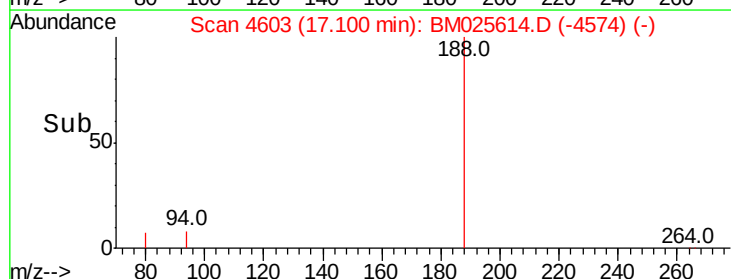
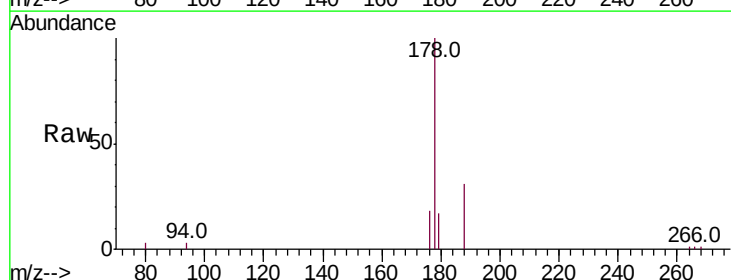
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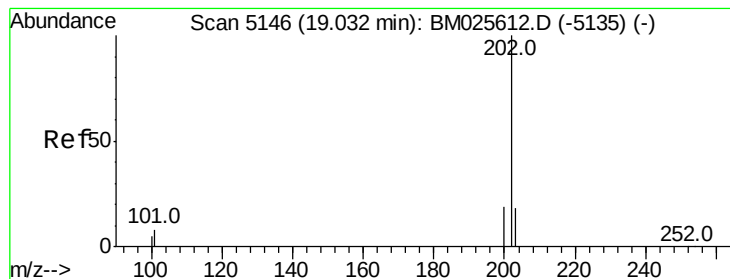
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#13
Anthracene
Concen: 0.467 ng/ul
RT: 17.10 min Scan# 4603
Delta R.T. 0.00 min
Lab File: BM025614.D
Acq: 17 Mar 2020 17:20

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.9	12.6	18.8
176	18.0	14.5	21.7





#15

Fluoranthene

Concen: 5.586 ng/ul

RT: 19.03 min Scan# 5145

Delta R.T. -0.00 min

Lab File: BM025614.D

Acq: 17 Mar 2020 17:20

Instrument :

BNA_M

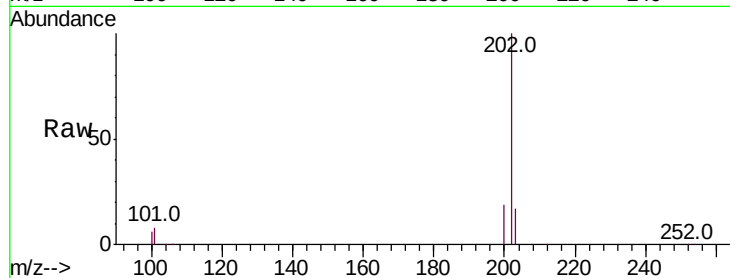
ClientSampleId :

DBD22

Tot Ion:	202	Resp:	235071
Ion Ratio	Lower	Upper	
202	100		
101	8.2	0.0	27.5
100	6.2	0.0	26.0

Manual Integrations
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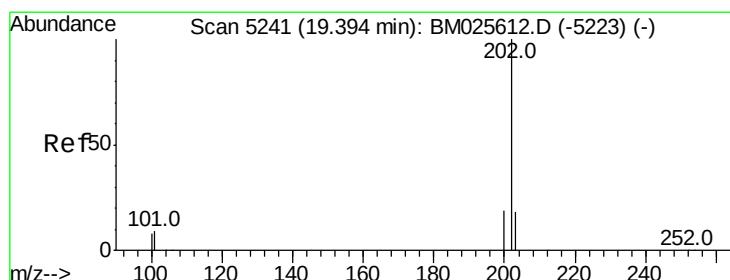
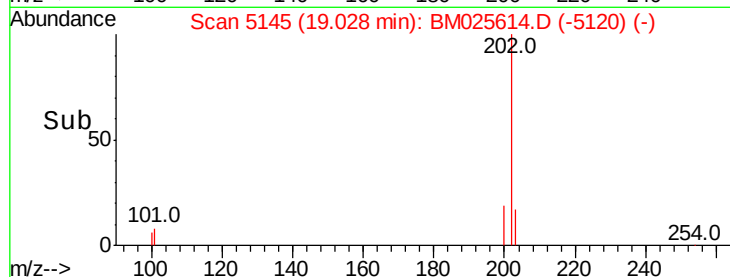
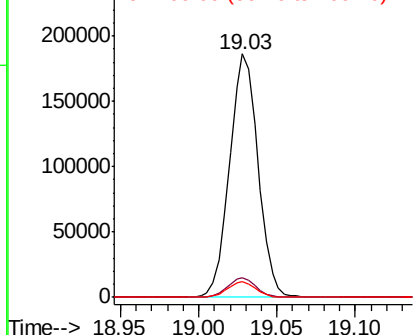
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#17

Pyrene

Concen: 2.448 ng/ul

RT: 19.39 min Scan# 5240

Delta R.T. -0.00 min

Lab File: BM025614.D

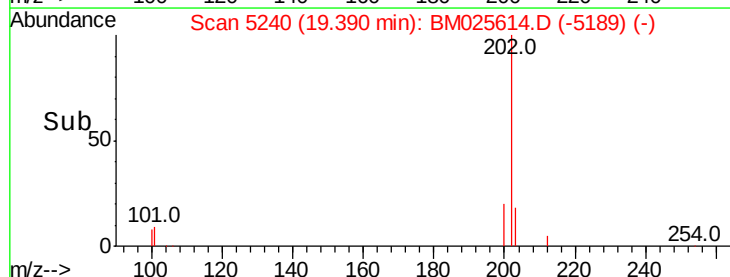
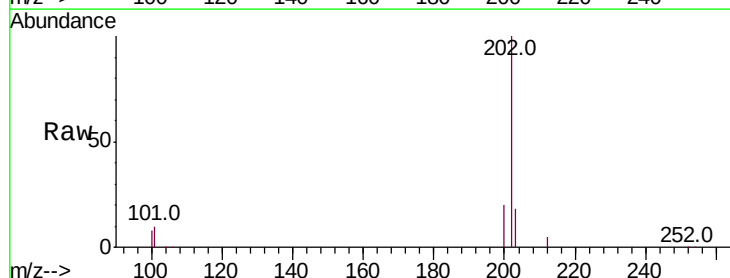
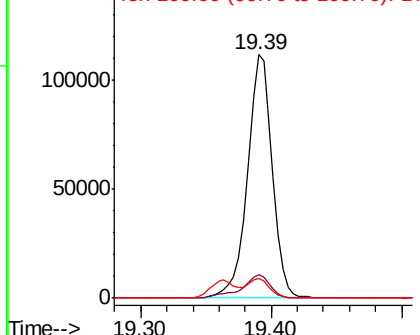
Acq: 17 Mar 2020 17:20

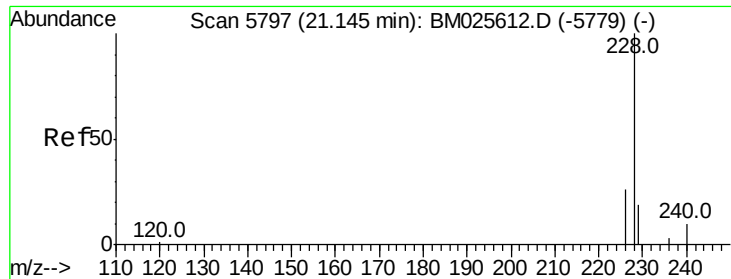
Tgt Ion:	202	Resp:	147530
Ion Ratio	Lower	Upper	
202	100		
101	9.5	7.1	10.7
100	7.9	6.0	9.0

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





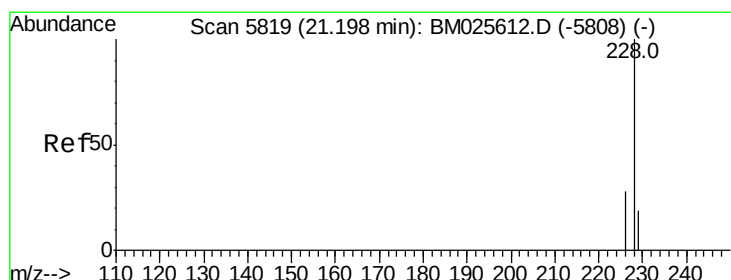
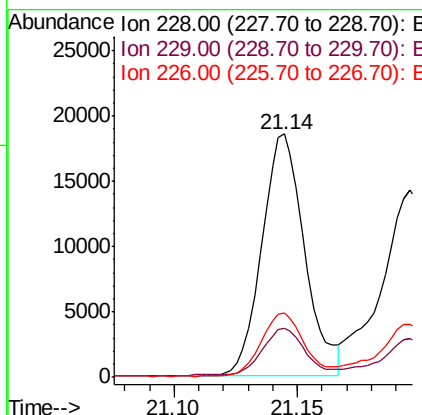
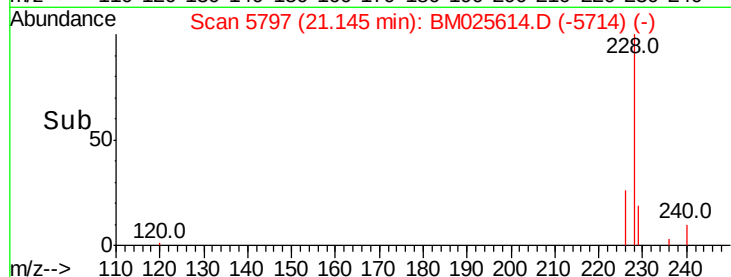
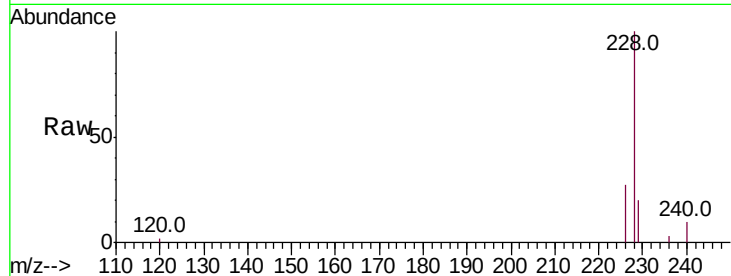
#18
Benzo(a)anthracene
Concen: 0.469 ng/ul
RT: 21.14 min Scan# 5797
Delta R.T. 0.00 min
Lab File: BM025614.D
Acq: 17 Mar 2020 17:20

Instrument :
BNA_M
ClientSampleId :
DBD22

Tot Ion	Ratio	Lower	Upper
228	100		
229	19.9	15.6	23.4
226	26.5	21.1	31.7

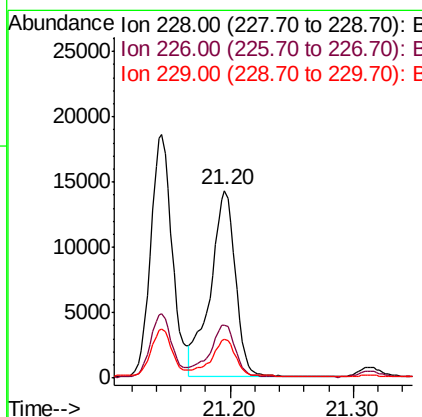
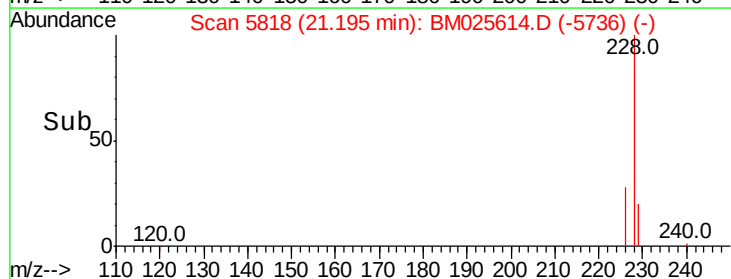
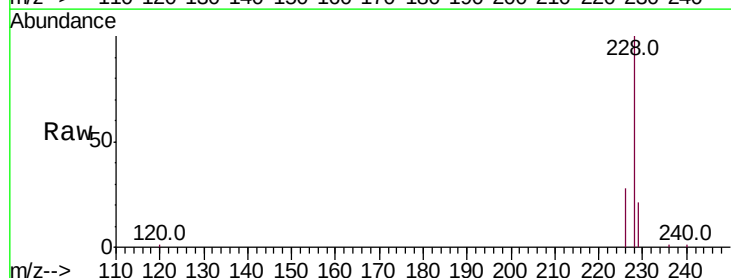
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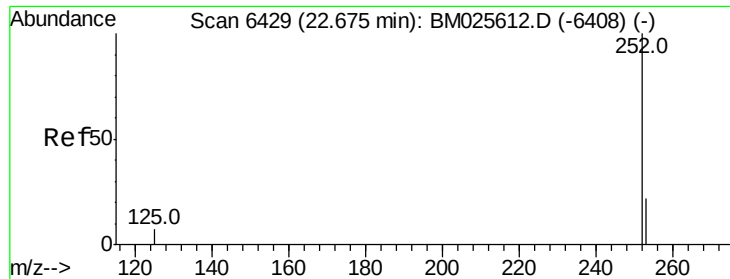
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#19
Chrysene
Concen: 0.376 ng/ul
RT: 21.20 min Scan# 5818
Delta R.T. -0.00 min
Lab File: BM025614.D
Acq: 17 Mar 2020 17:20

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.2	23.6	35.4
229	20.7	16.3	24.5





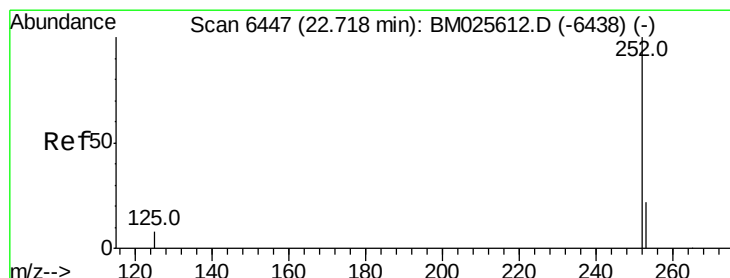
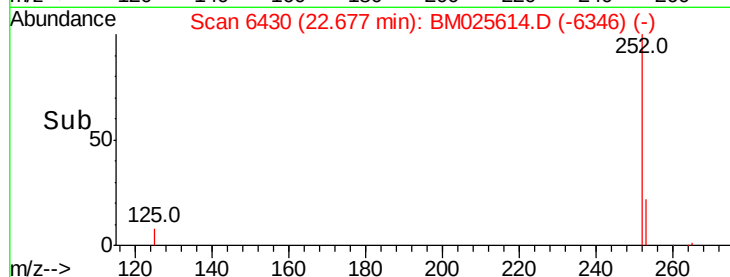
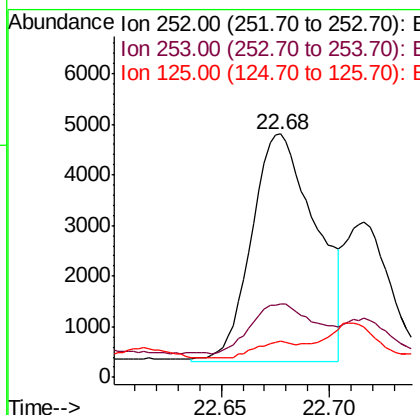
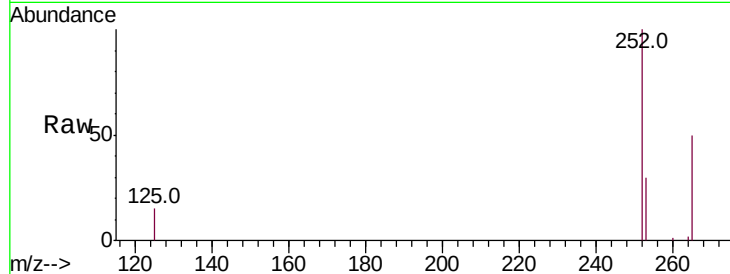
#21
Benzo(b)fluoranthene
Concen: 0.167 ng/ul m
RT: 22.68 min Scan# 6430
Delta R.T. 0.00 min
Lab File: BM025614.D
Acq: 17 Mar 2020 17:20

Instrument :
BNA_M
ClientSampleId :
DBD22

Tot Ion	Ratio	Lower	Upper
252	100		
253	30.2	0.0	50.2
125	15.1	0.0	17.6

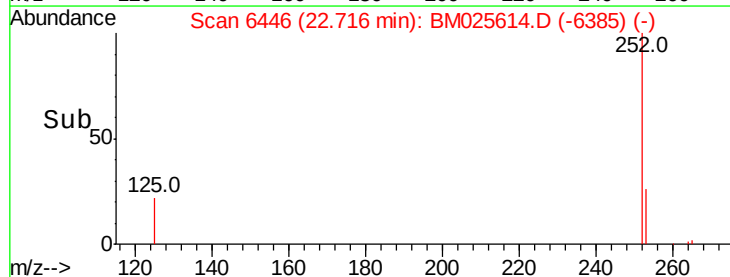
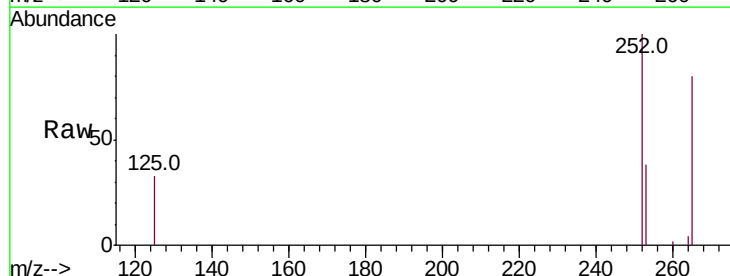
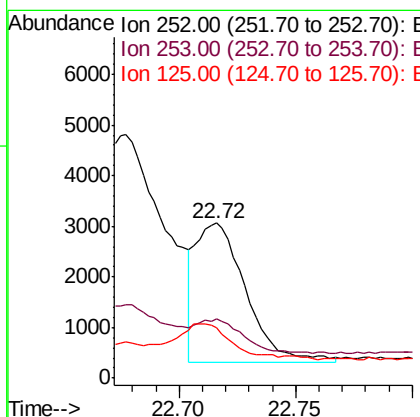
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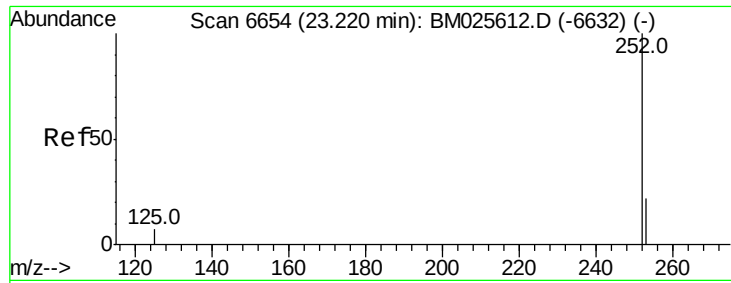
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#22
Benzo(k)fluoranthene
Concen: 0.071 ng/ul m
RT: 22.72 min Scan# 6446
Delta R.T. -0.00 min
Lab File: BM025614.D
Acq: 17 Mar 2020 17:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	38.0	19.8	29.8#
125	32.7	7.1	10.7#





#23

Benzo(a)pyrene

Concen: 0.074 ng/ul

RT: 23.22 min Scan# 6654

Delta R.T. 0.00 min

Lab File: BM025614.D

Acq: 17 Mar 2020 17:20

Instrument :

BNA_M

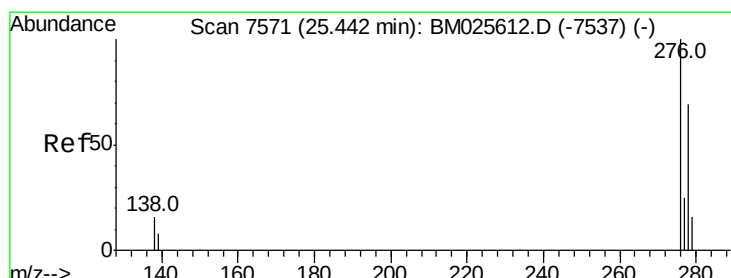
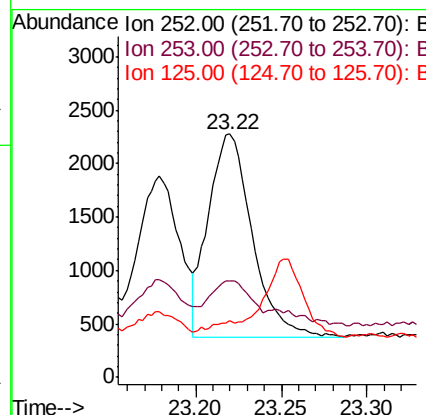
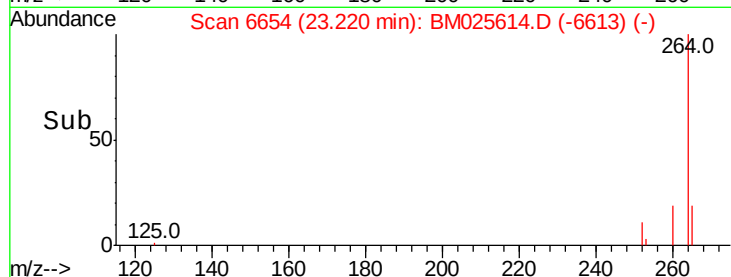
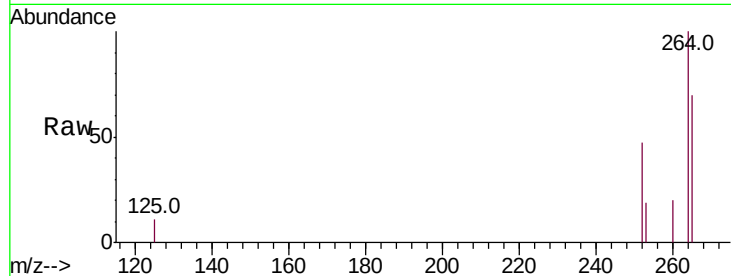
ClientSampleId :

DBD22

Tot Ion:	252	Resp:	3414
Ion Ratio	Lower	Upper	
252	100		
253	39.6	21.3	31.9#
125	23.3	8.5	12.7#

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.026 ng/ul

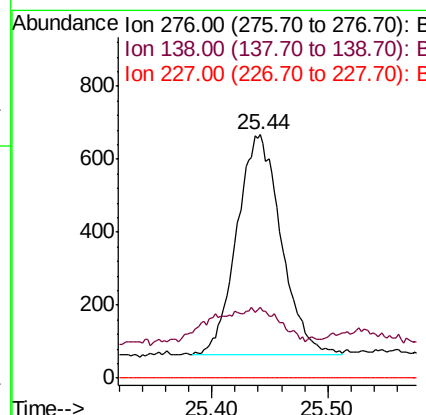
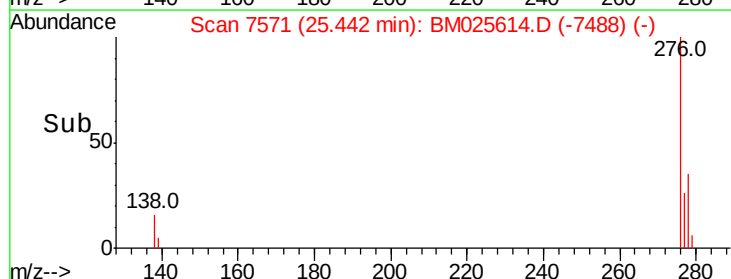
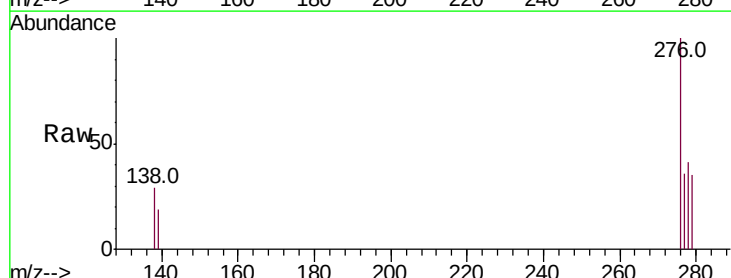
RT: 25.44 min Scan# 7571

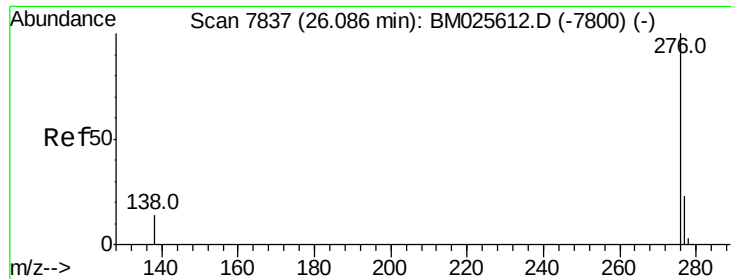
Delta R.T. 0.00 min

Lab File: BM025614.D

Acq: 17 Mar 2020 17:20

Tgt Ion:	276	Resp:	1595
Ion Ratio	Lower	Upper	
276	100		
138	25.6	12.3	18.5#
227	0.0	0.0	0.0





#26

Benzo(a,h,i)perylene

Concen: 0.023 ng/ul

RT: 26.09 min Scan# 7838

Delta R.T. 0.00 min

Lab File: BM025614.D

Acq: 17 Mar 2020 17:20

Instrument :

BNA_M

ClientSampleId :

DBD22

Tot Ion:	276	Resp:	1220
Ion Ratio	Lower	Upper	
276	100		
138	32.4	11.0	16.4#
277	35.7	19.8	29.6#

Manual Integrations
APPROVED

mohammad
3/18/2020 9:01:54 AM

