

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030620\
 Data File : BM025332.D
 Acq On : 07 Mar 2020 03:54
 Operator : CG/JU
 Sample : L1612-18
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBDM0

Manual Integrations
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Quant Time: Mar 07 06:53:36 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 07 00:01:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	3778	0.40	ng/ul	0.00
2) Naphthalene-d8	10.44	136	16759	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	12215	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	29226	0.40	ng/ul	0.00
16) Chrysene-d12	21.22	240	28360	0.40	ng/ul	0.00
20) Perylene-d12	23.41	264	25464	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	3277	0.10	ng/ul	0.00
14) Fluoranthene-d10	19.07	212	10063	0.11	ng/ul	0.00
Target Compounds				Ovalue		
5) 2-Methylnaphthalene	12.11	142	1643	0.045	ng/ul	96
7) Acenaphthylene	14.01	152	2657	0.046	ng/ul	99
9) Fluorene	15.35	166	4283	0.077	ng/ul	96
12) Phenanthrene	17.08	178	14761	0.157	ng/ul	97
13) Anthracene	17.17	178	86089	1.029	ng/ul	95
15) Fluoranthene	19.10	202	15281	0.130	ng/ul	97
17) Pyrene	19.46	202	31253m	0.291	ng/ul	
18) Benzo(a)anthracene	21.21	228	87188	0.836	ng/ul	100
19) Chrysene	21.26	228	112800m	0.985	ng/ul	
21) Benzo(b)fluoranthene	22.76	252	233624m	2.293	ng/ul	
22) Benzo(k)fluoranthene	22.80	252	91623m	0.858	ng/ul	
23) Benzo(a)pyrene	23.32	252	68791	0.804	ng/ul#	90
24) Indeno(1,2,3-cd)pyrene	25.58	276	47666	0.447	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.59	278	13787	0.156	ng/ul	96
26) Benzo(g,h,i)perylene	26.25	276	23290	0.257	ng/ul#	92

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

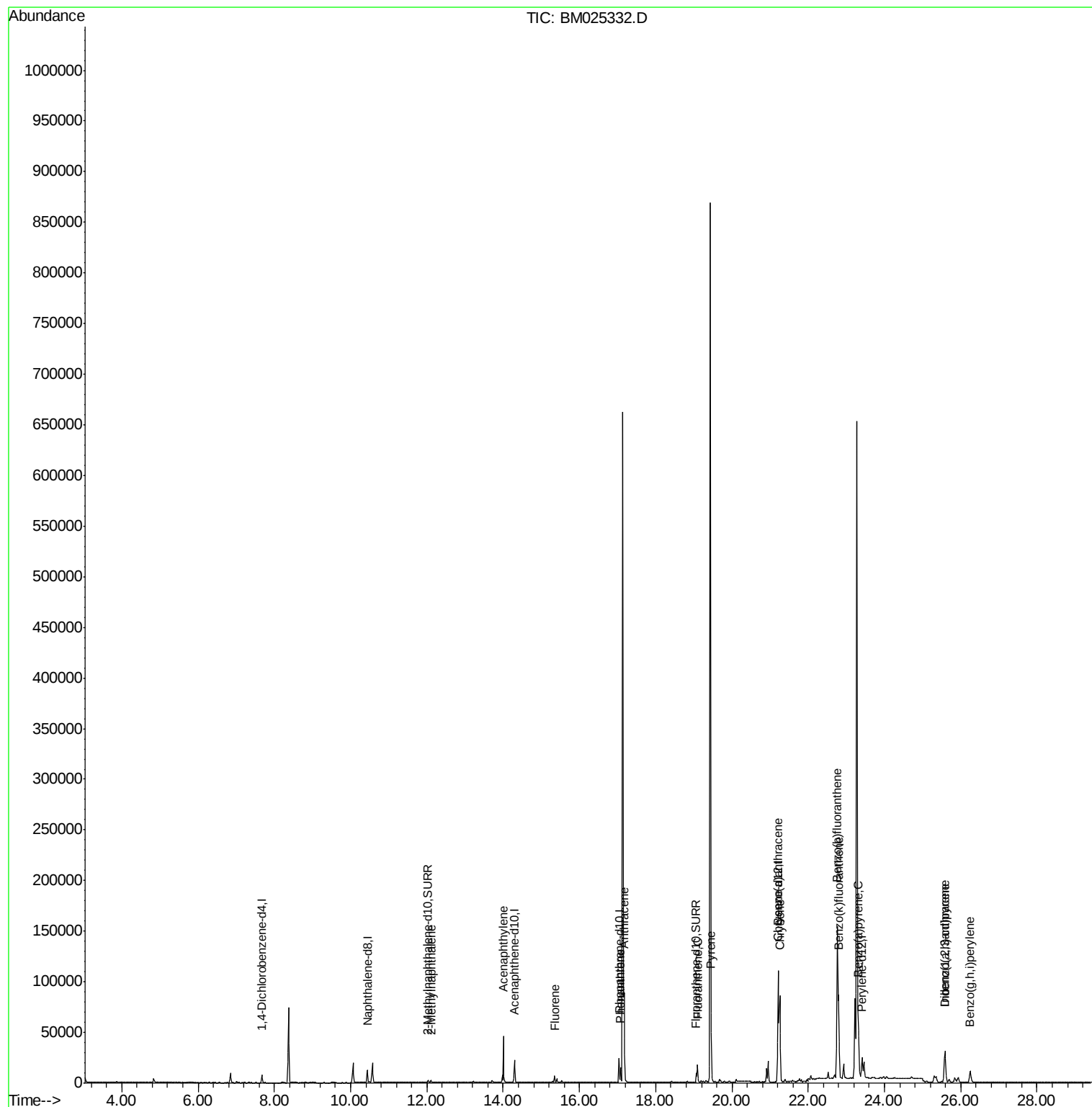
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030620\
Data File : BM025332.D
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ALS Vial : 18 Sample Multiplier: 1

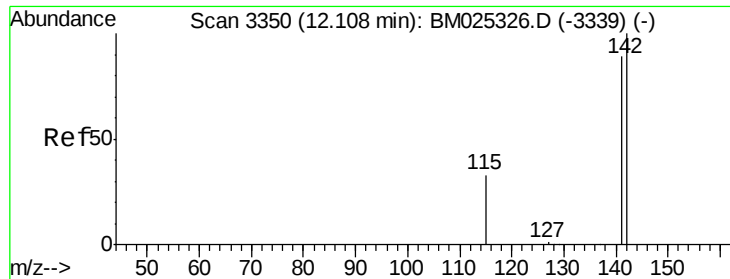
Instrument :
BNA_M
ClientSampleId :
DBDM0

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Quant Time: Mar 07 06:53:36 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 07 00:01:42 2020
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#5

2-Methylnaphthalene

Concen: 0.045 ng/ul

RT: 12.11 min Scan# 3350

Delta R.T. -0.00 min

Lab File: BM025332.D

Acq: 07 Mar 2020 03:54

Instrument :

BNA_M

ClientSampleId :

DBDM0

Tot Ion:142 Resp: 1643

Ion Ratio Lower Upper

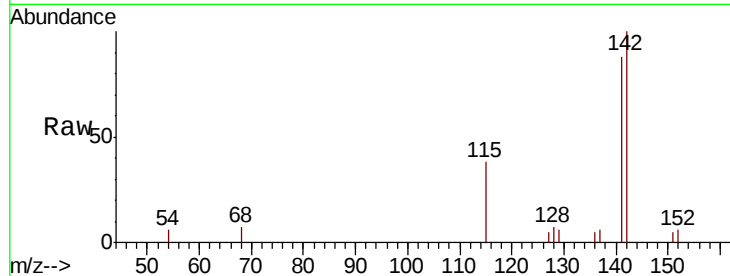
142 100

141 91.3 69.8 104.8

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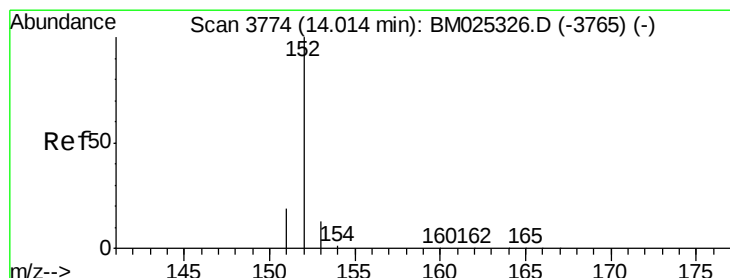
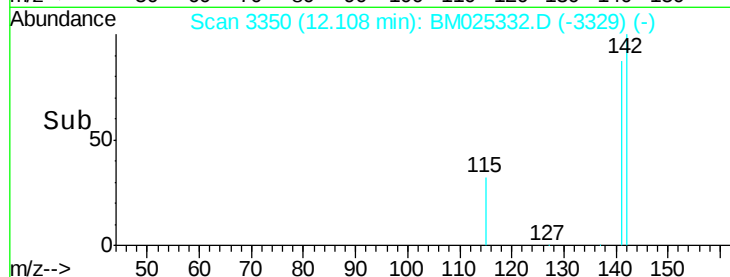
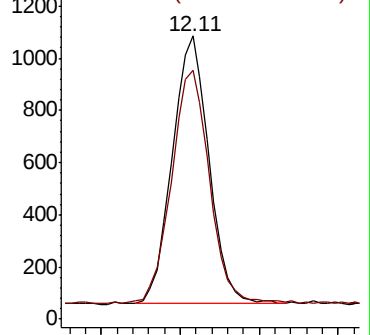
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Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



#7

Acenaphthylene

Concen: 0.046 ng/ul

RT: 14.01 min Scan# 3774

Delta R.T. -0.01 min

Lab File: BM025332.D

Acq: 07 Mar 2020 03:54

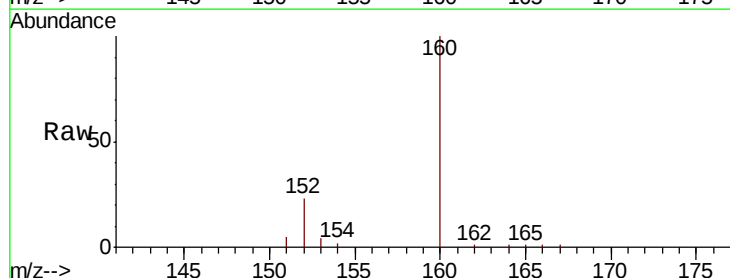
Tgt Ion:152 Resp: 2657

Ion Ratio Lower Upper

152 100

151 22.9 17.8 26.8

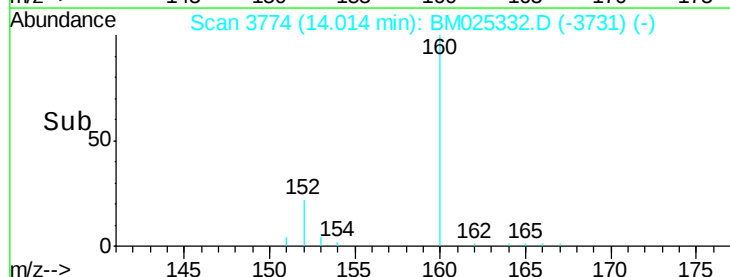
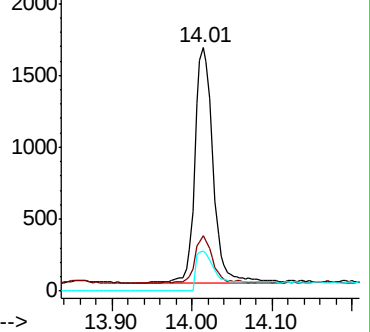
153 16.6 13.3 19.9

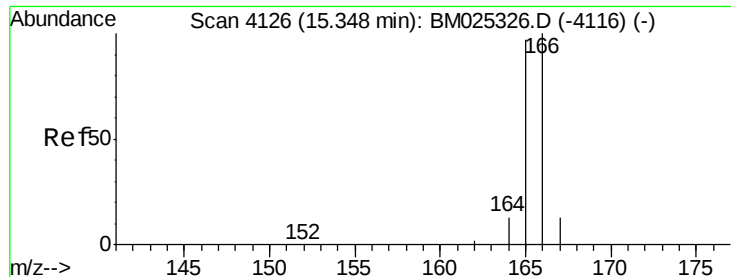


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#9

Fluorene

Concen: 0.077 ng/ul

RT: 15.35 min Scan# 4126

Delta R.T. -0.01 min

Lab File: BM025332.D

Acq: 07 Mar 2020 03:54

Instrument :

BNA_M

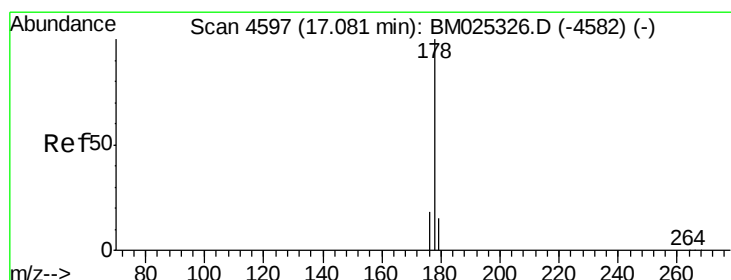
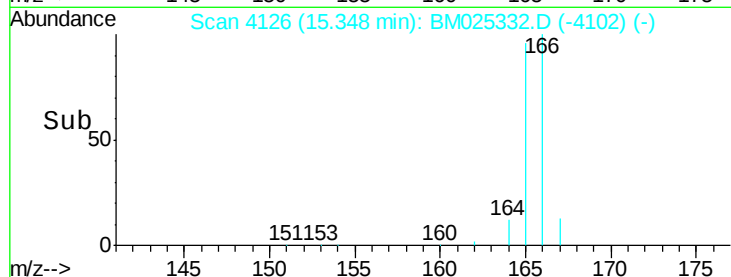
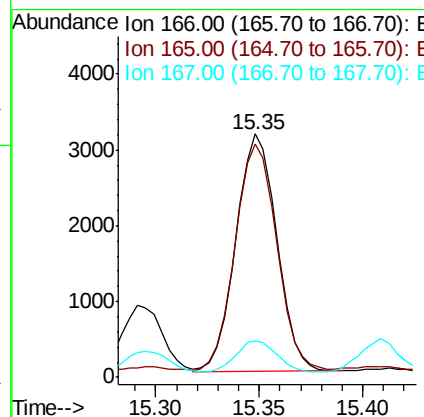
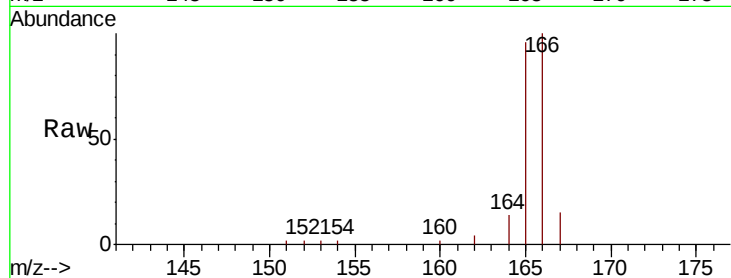
ClientSampleId :

DBDM0

Tot Ion:	166	Resp:	4283
Ion	Ratio	Lower	Upper
166	100		
165	96.1	80.0	120.0
167	15.2	13.7	20.5

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#12

Phenanthrene

Concen: 0.157 ng/ul

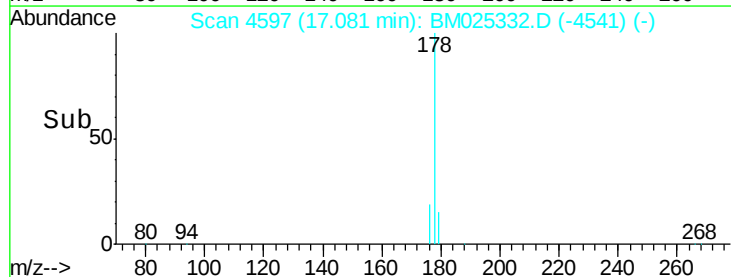
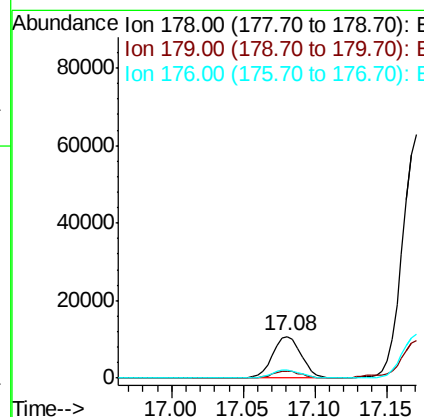
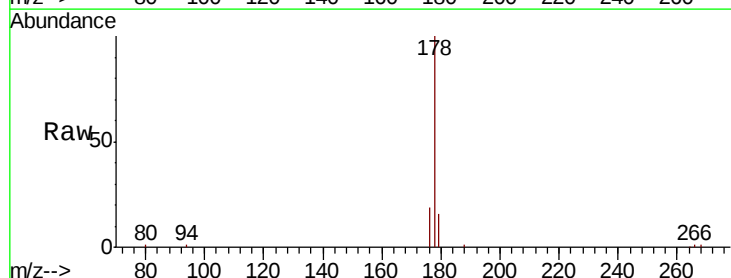
RT: 17.08 min Scan# 4597

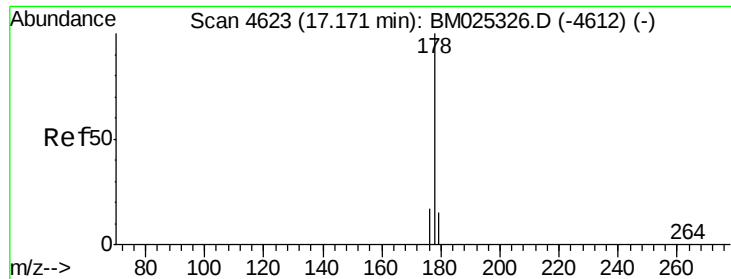
Delta R.T. -0.01 min

Lab File: BM025332.D

Acq: 07 Mar 2020 03:54

Tgt Ion:	178	Resp:	14761
Ion	Ratio	Lower	Upper
178	100		
179	16.0	14.0	21.0
176	19.1	16.6	24.8





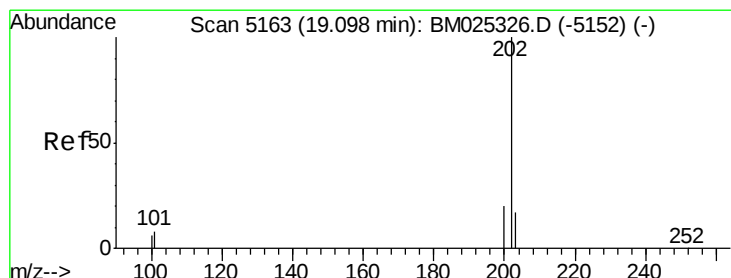
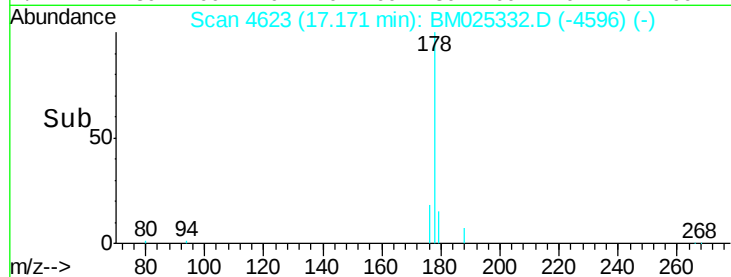
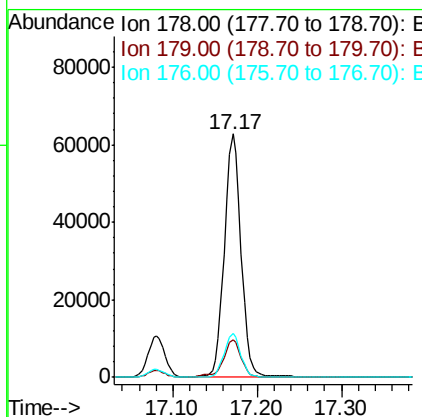
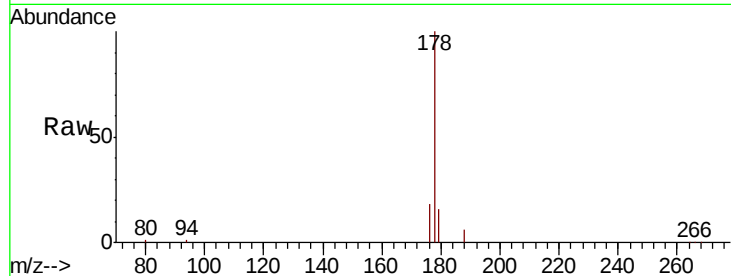
#13
 Anthracene
 Concen: 1.029 ng/ul
 RT: 17.17 min Scan# 4623
 Delta R.T. -0.01 min
 Lab File: BM025332.D
 Acq: 07 Mar 2020 03:54

Instrument :
 BNA_M
 ClientSampleId :
 DBDM0

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.5	14.1	21.1
176	18.0	16.2	24.4

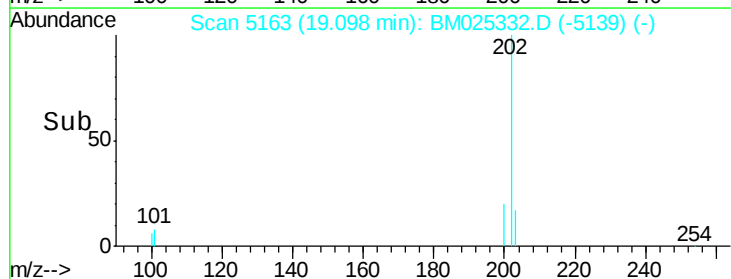
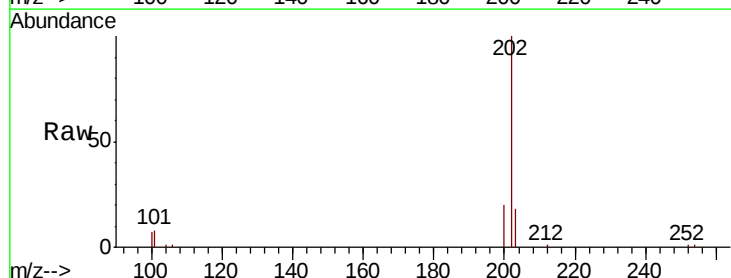
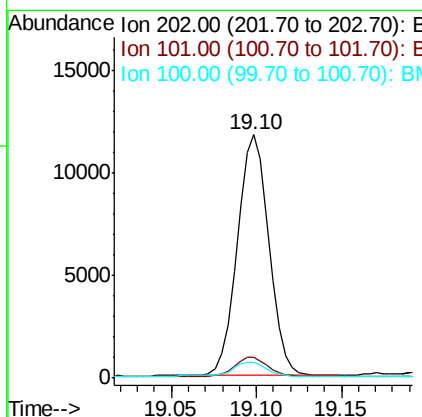
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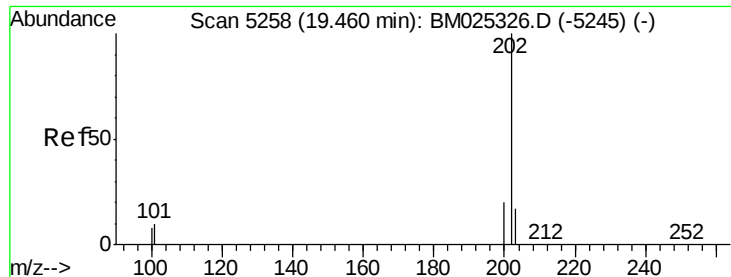
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#15
 Fluoranthene
 Concen: 0.130 ng/ul
 RT: 19.10 min Scan# 5163
 Delta R.T. -0.01 min
 Lab File: BM025332.D
 Acq: 07 Mar 2020 03:54

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.5	0.0	29.4
100	6.7	0.0	28.0





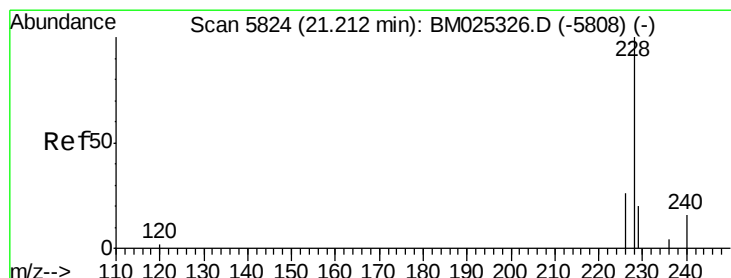
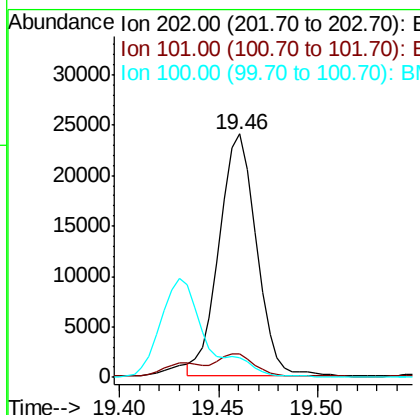
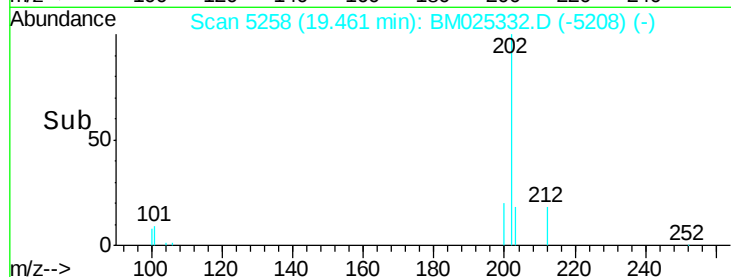
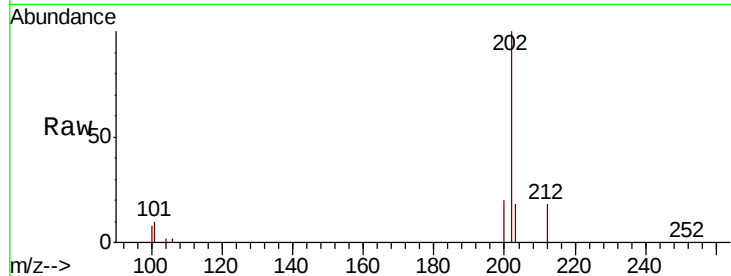
#17
Pvrene
Concen: 0.291 ng/ul m
RT: 19.46 min Scan# 5258
Delta R.T. -0.01 min
Lab File: BM025332.D
Acq: 07 Mar 2020 03:54

Instrument :
BNA_M
ClientSampleId :
DBDM0

Tot Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	9.6	8.7	13.1
100	8.0	7.3	10.9

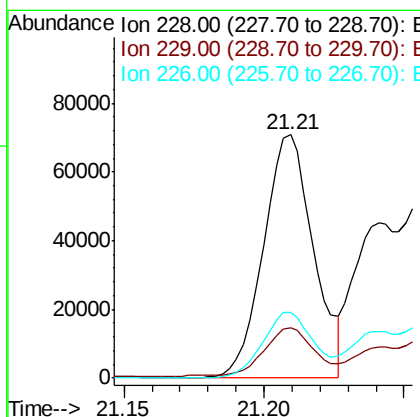
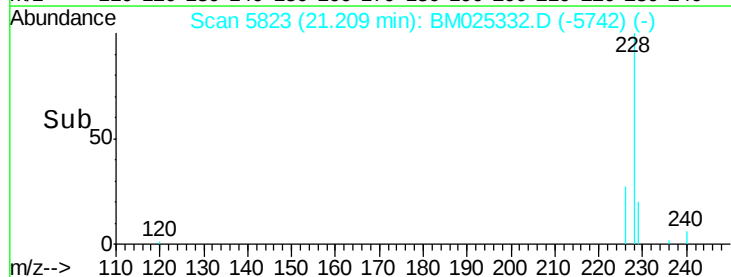
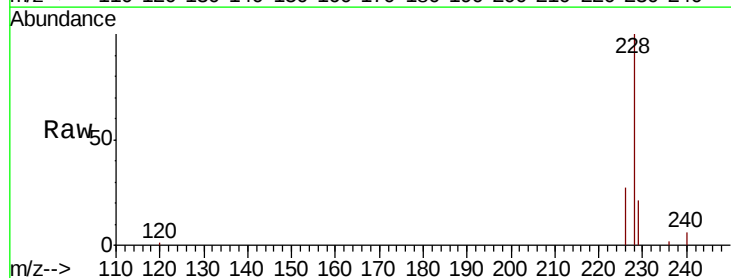
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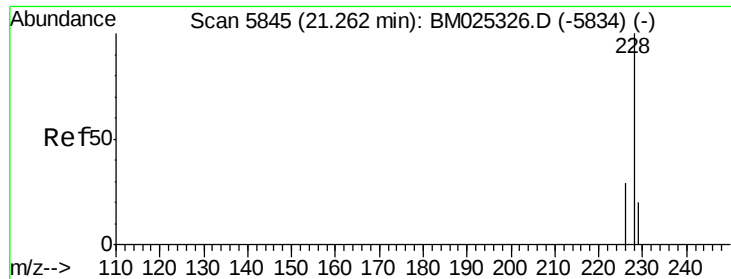
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#18
Benzo(a)anthracene
Concen: 0.836 ng/ul
RT: 21.21 min Scan# 5823
Delta R.T. -0.00 min
Lab File: BM025332.D
Acq: 07 Mar 2020 03:54

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	20.7	16.6	25.0
226	27.0	21.9	32.9





#19

Chrysene

Concen: 0.985 ng/ul m

RT: 21.26 min Scan# 5843

Delta R.T. -0.01 min

Lab File: BM025332.D

Acq: 07 Mar 2020 03:54

Instrument :

BNA_M

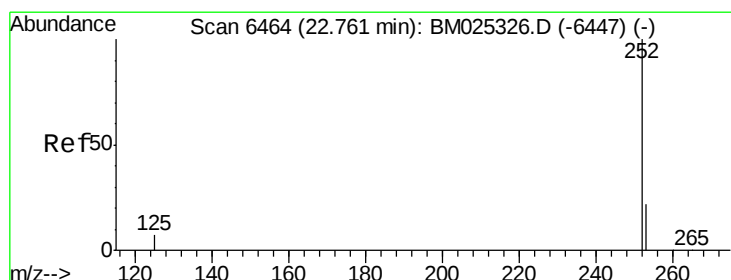
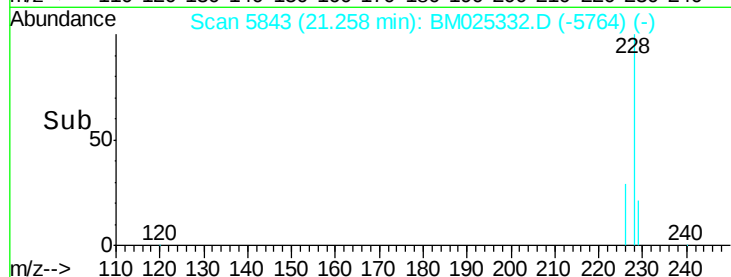
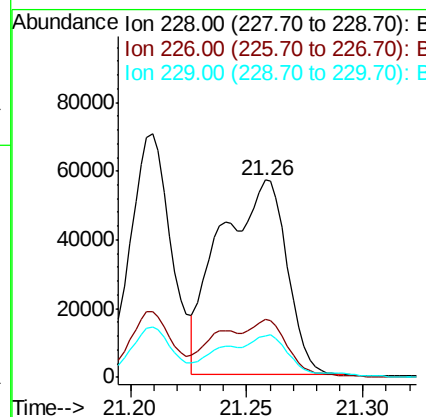
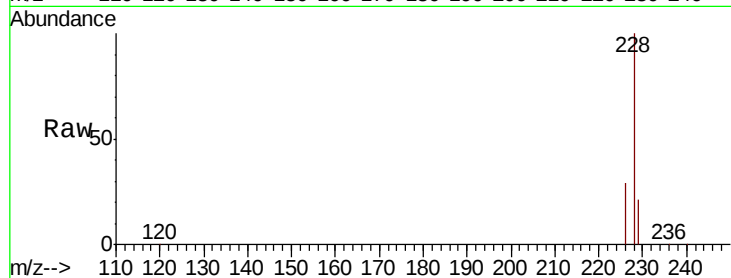
ClientSampleId :

DBDM0

Tot Ion:	228	Resp:	112800
Ion Ratio	Lower	Upper	
228	100		
226	29.2	23.8	35.8
229	21.2	16.9	25.3

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#21

Benzo(b)fluoranthene

Concen: 2.293 ng/ul m

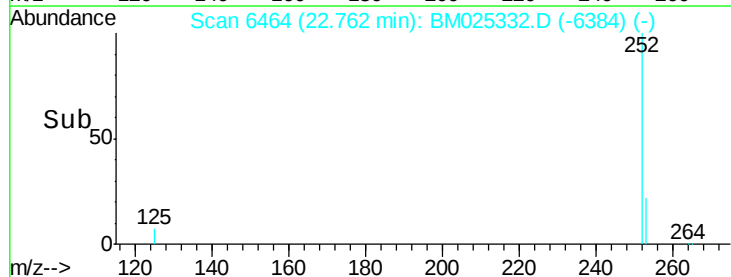
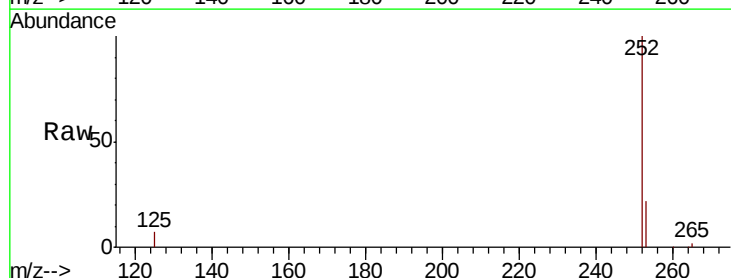
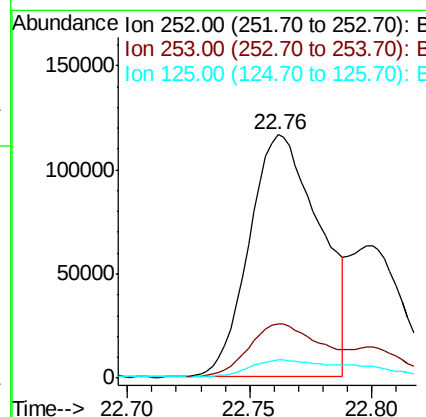
RT: 22.76 min Scan# 6464

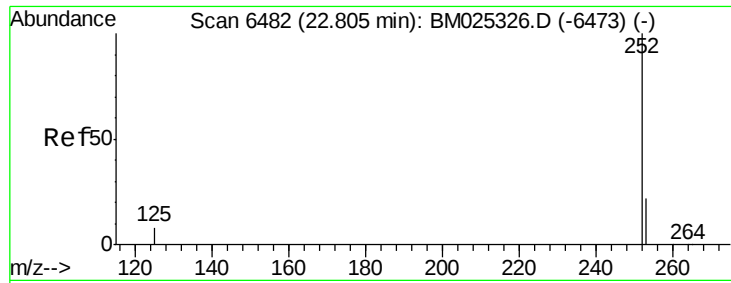
Delta R.T. -0.01 min

Lab File: BM025332.D

Acq: 07 Mar 2020 03:54

Tgt Ion:	252	Resp:	233624
Ion Ratio	Lower	Upper	
252	100		
253	22.4	0.0	49.8
125	7.4	0.0	28.6





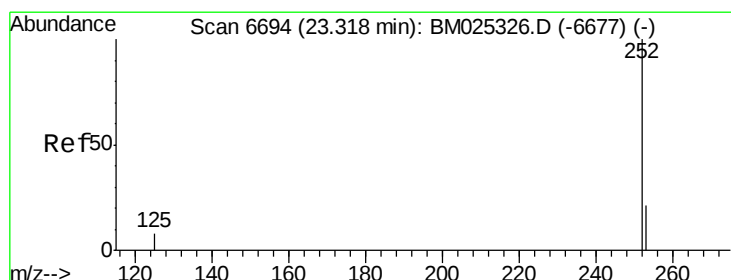
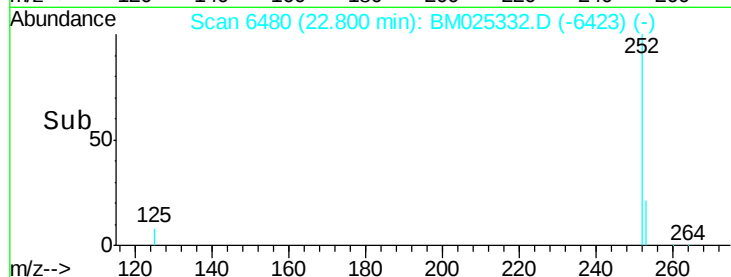
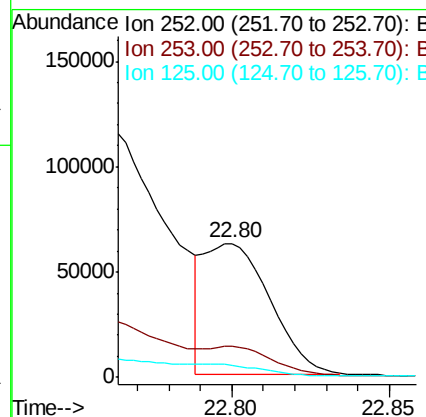
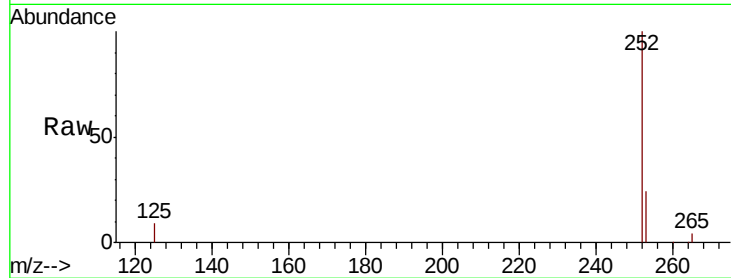
#22
Benzo(k)fluoranthene
Concen: 0.858 ng/ul m
RT: 22.80 min Scan# 6480
Delta R.T. -0.01 min
Lab File: BM025332.D
Acq: 07 Mar 2020 03:54

Instrument :
BNA_M
ClientSampled :
DBDM0

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.6	19.4	29.0
125	8.9	10.7	16.1#

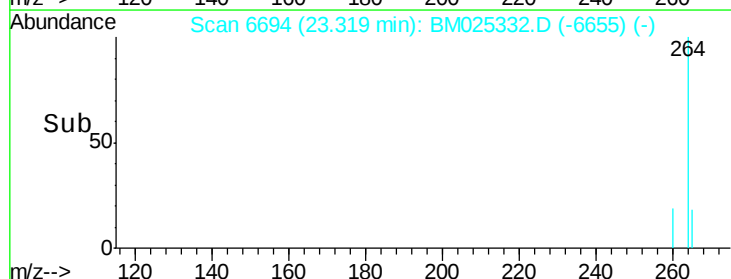
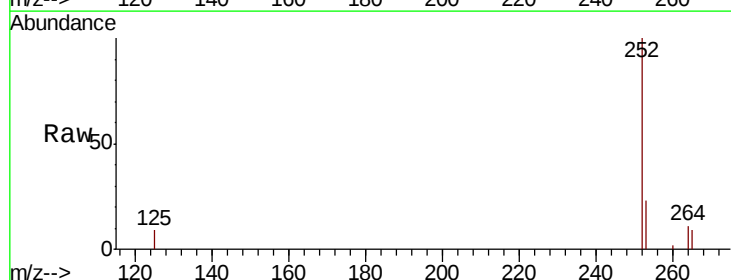
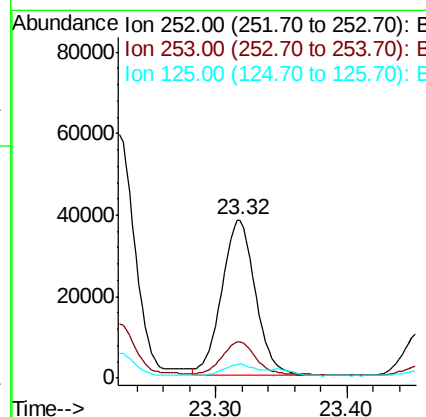
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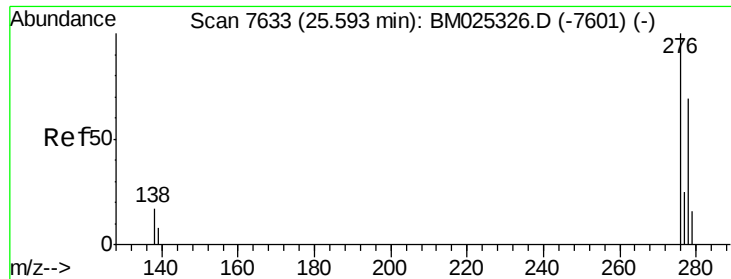
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#23
Benzo(a)pyrene
Concen: 0.804 ng/ul
RT: 23.32 min Scan# 6694
Delta R.T. -0.00 min
Lab File: BM025332.D
Acq: 07 Mar 2020 03:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	20.3	30.5
125	8.8	13.0	19.4#





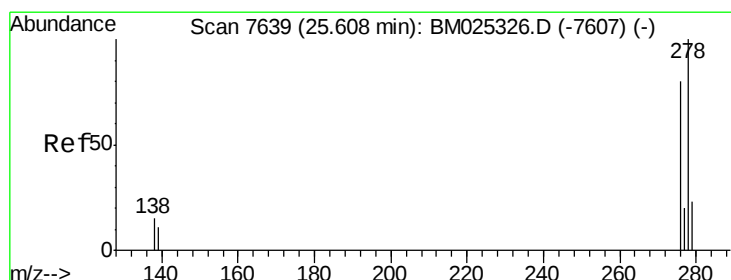
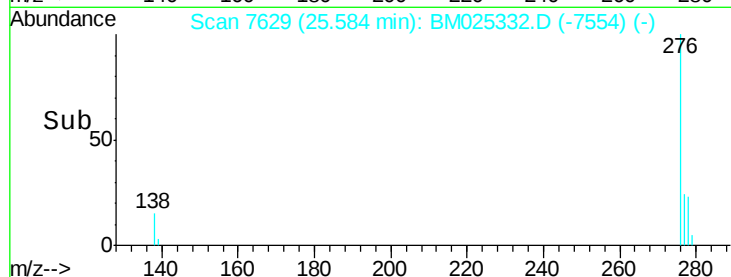
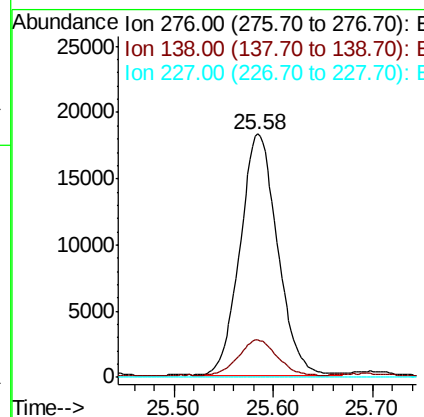
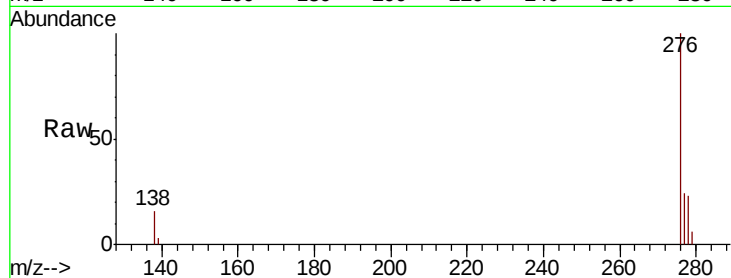
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.447 ng/ul
RT: 25.58 min Scan# 7629
Delta R.T. -0.02 min
Lab File: BM025332.D
Acq: 07 Mar 2020 03:54

Instrument :
BNA_M
ClientSampleId :
DBDM0

Tot Ion	Ratio	Lower	Upper
276	100		
138	15.1	0.0	0.0#
227	0.0	0.0	0.0

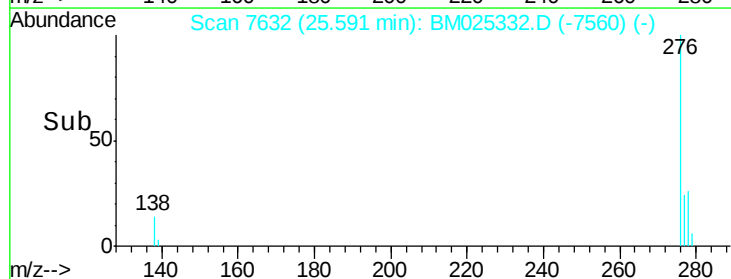
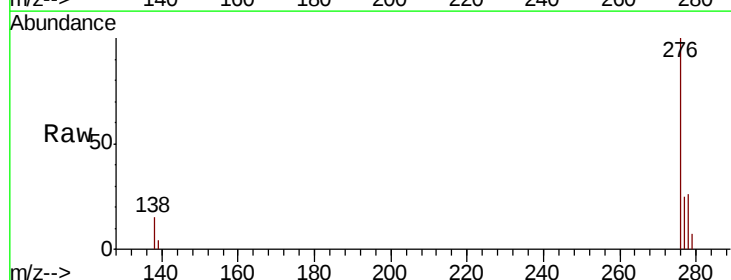
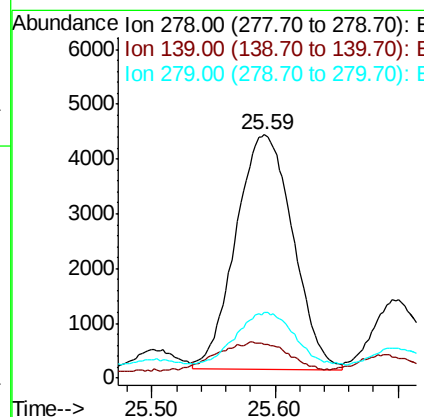
Manual Integrations
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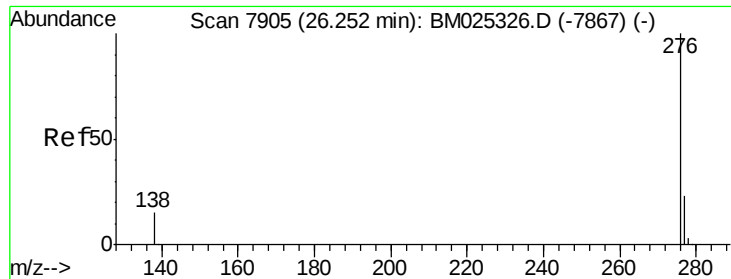
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#25
Dibenzo(a,h)anthracene
Concen: 0.156 ng/ul
RT: 25.59 min Scan# 7632
Delta R.T. -0.03 min
Lab File: BM025332.D
Acq: 07 Mar 2020 03:54

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.7	13.2	19.8
279	27.2	21.0	31.4





#26
 Benzo(a,h,i)perylene
 Concen: 0.257 ng/ul
 RT: 26.25 min Scan# 7903
 Delta R.T. -0.01 min
 Lab File: BM025332.D
 Acq: 07 Mar 2020 03:54

Instrument :
 BNA_M
 ClientSampleId :
 DBDM0

Tot Ion	Ratio	Lower	Upper
276	100		
138	16.1	17.9	26.9#
277	23.8	20.5	30.7

Manual Integrations
 APPROVED

mohammad
 3/9/2020 3:00:42 PM

