

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030620\
 Data File : BM025403.D
 Acq On : 09 Mar 2020 02:19
 Operator : CG/JU
 Sample : L1617-18
 Misc :
 ALS Vial : 89 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBDT2

Manual Integrations
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Quant Time: Mar 09 03:53:01 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 : Wed Mar 04 08:02:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	3478	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.43	136	15627	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.29	164	11380	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.03	188	27257	0.40	ng/ul	-0.01
16) Chrysene-d12	21.22	240	23573	0.40	ng/ul	-0.01
20) Perylene-d12	23.41	264	20981	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	1900	0.06	ng/ul	-0.02
14) Fluoranthene-d10	19.06	212	5319	0.06	ng/ul	-0.01
Target Compounds				Ovalue		
7) Acenaphthylene	14.01	152	1970	0.037	ng/ul	100
8) Acenaphthene	14.35	153	3636	0.088	ng/ul	98
9) Fluorene	15.34	166	9689	0.187	ng/ul	97
12) Phenanthrene	17.08	178	92054	1.047	ng/ul	95
13) Anthracene	17.17	178	21891	0.281	ng/ul	97
15) Fluoranthene	19.09	202	83089	0.755	ng/ul	96
17) Pyrene	19.45	202	67632	0.756	ng/ul	97
18) Benzo(a)anthracene	21.21	228	22714	0.262	ng/ul	99
19) Chrysene	21.26	228	30672	0.322	ng/ul	99
21) Benzo(b)fluoranthene	22.76	252	66938m	0.797	ng/ul	
22) Benzo(k)fluoranthene	22.80	252	23206m	0.264	ng/ul	
23) Benzo(a)pyrene	23.31	252	18934	0.269	ng/ul#	94
24) Indeno(1,2,3-cd)pyrene	25.58	276	19784	0.225	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.58	278	5138	0.071	ng/ul#	88
26) Benzo(g,h,i)perylene	26.24	276	10503	0.141	ng/ul#	94

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

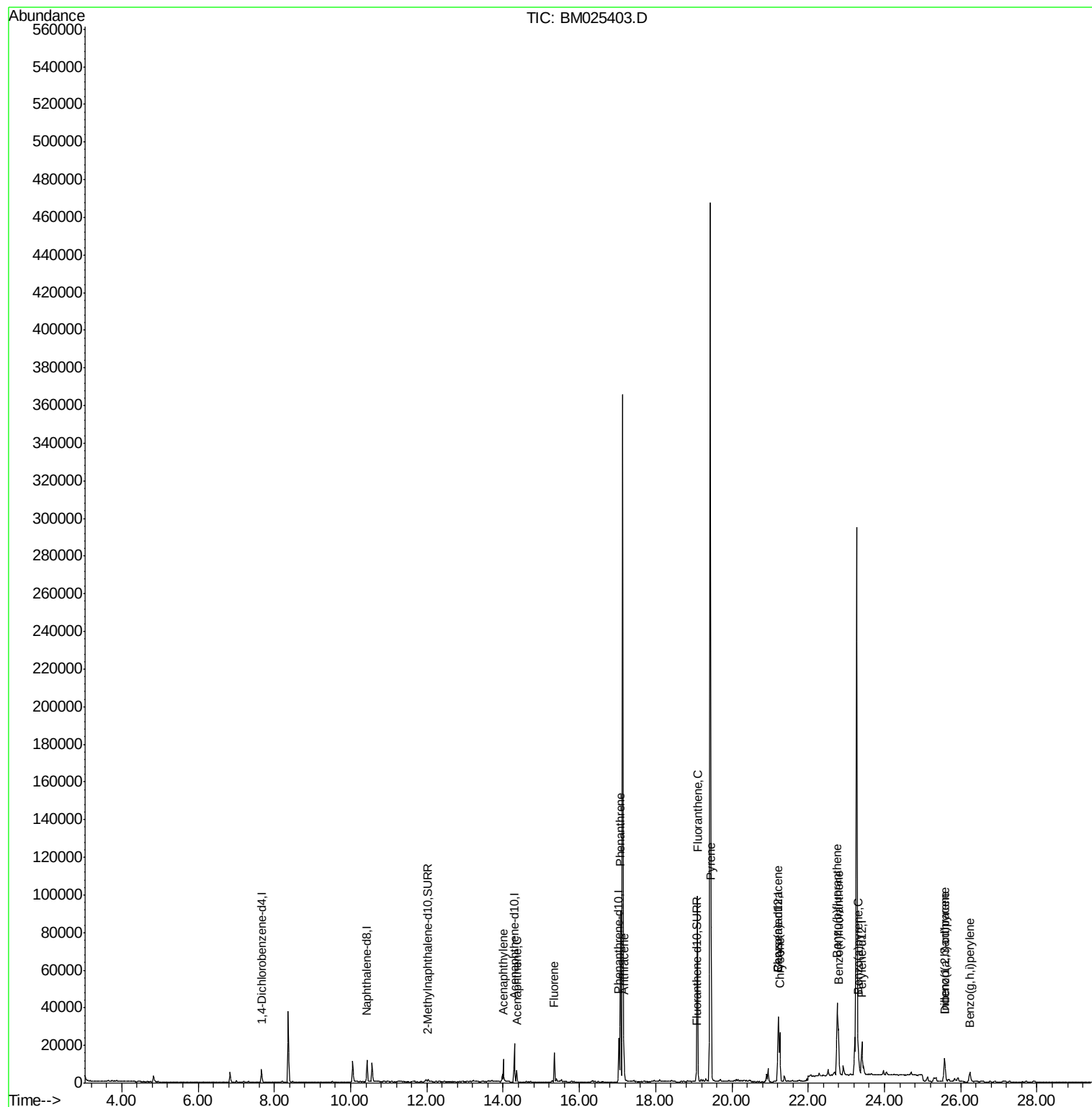
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030620\
Data File : BM025403.D
Acq On : 09 Mar 2020 02:19
Operator : CG/JU
Sample : L1617-18
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ALS Vial : 89 Sample Multiplier: 1

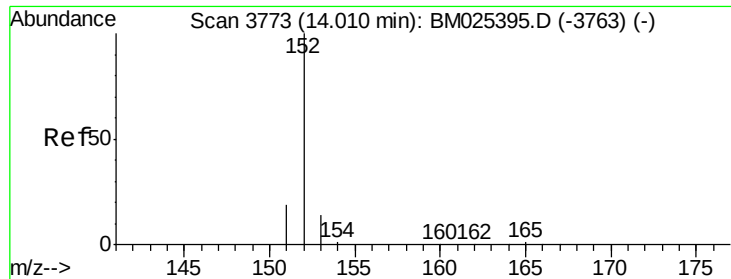
Instrument :
BNA_M
ClientSampleId :
DBDT2

Manual Integrations
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Quant Time: Mar 09 03:53:01 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 : Wed Mar 04 08:02:03 2020
Response via : Initial Calibration





#7

Acenaphthylene

Concen: 0.037 ng/ul

RT: 14.01 min Scan# 3773

Delta R.T. -0.01 min

Lab File: BM025403.D

Acq: 09 Mar 2020 02:19

Instrument :

BNA_M

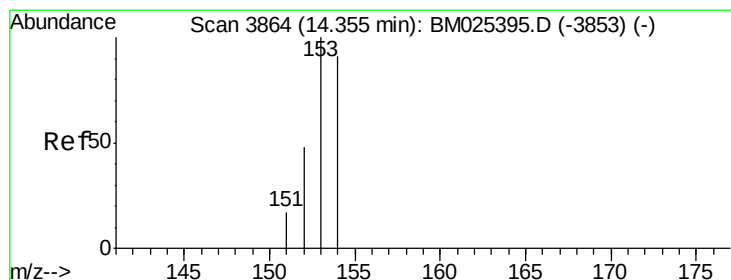
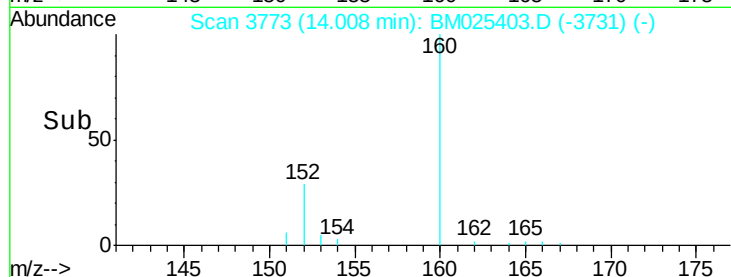
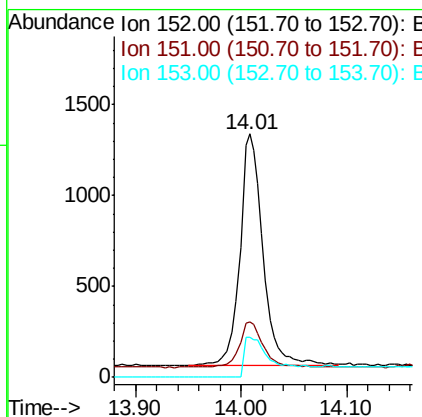
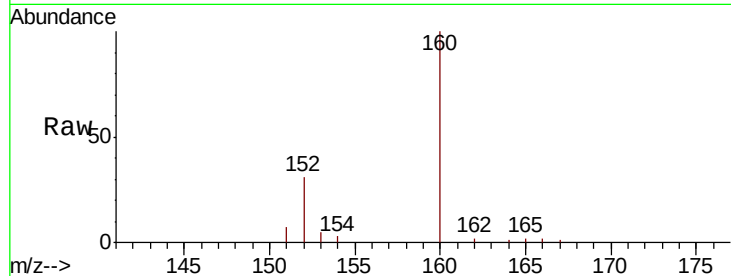
ClientSampleId :

DBDT2

Tot Ion:	152	Resp:	1970
Ion	Ratio	Lower	Upper
152	100		
151	22.5	17.8	26.8
153	16.7	13.3	19.9

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#8

Acenaphthene

Concen: 0.088 ng/ul

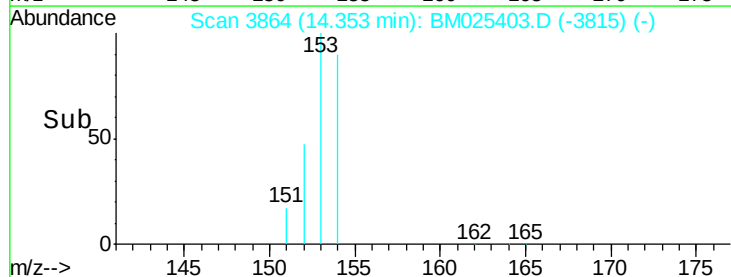
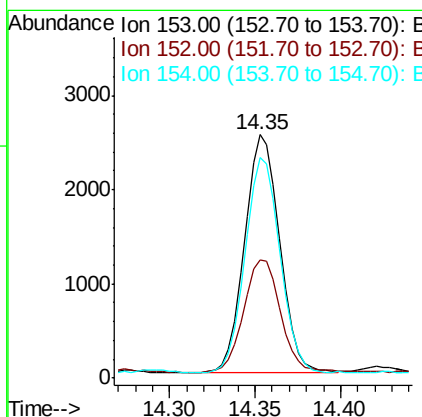
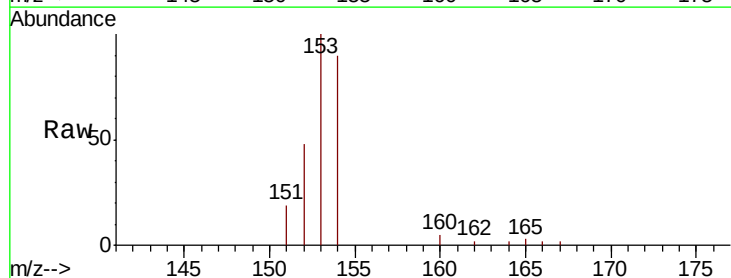
RT: 14.35 min Scan# 3864

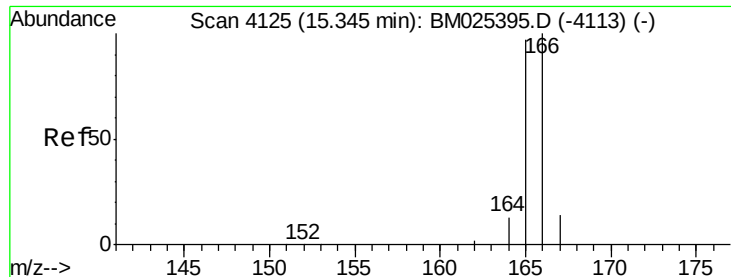
Delta R.T. -0.01 min

Lab File: BM025403.D

Acq: 09 Mar 2020 02:19

Tgt Ion:	153	Resp:	3636
Ion	Ratio	Lower	Upper
153	100		
152	48.5	40.0	60.0
154	90.5	71.0	106.6





#9

Fluorene

Concen: 0.187 ng/ul

RT: 15.34 min Scan# 4125

Delta R.T. -0.01 min

Lab File: BM025403.D

Acq: 09 Mar 2020 02:19

Instrument :

BNA_M

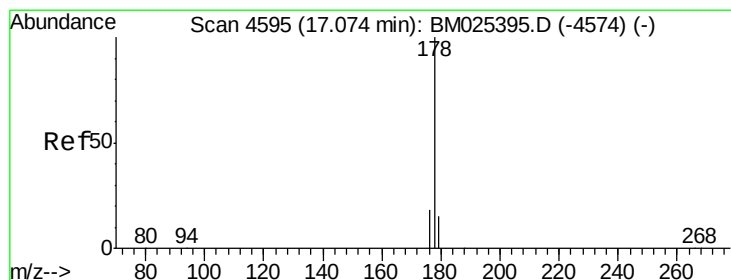
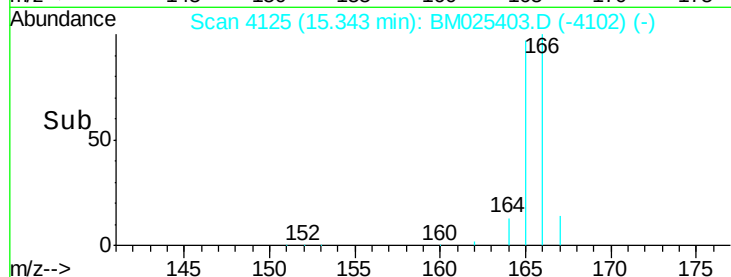
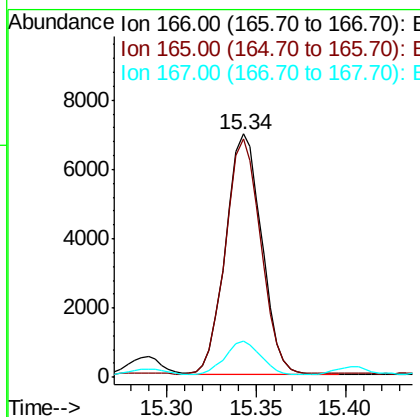
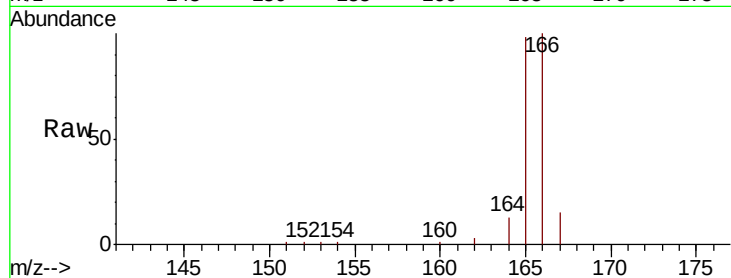
ClientSampleId :

DBDT2

Tot Ion	Ion	Ratio	Resp	Lower	Upper
166	100		9689		
165	97.7	80.0	120.0		
167	14.7	13.7	20.5		

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#12

Phenanthrene

Concen: 1.047 ng/ul

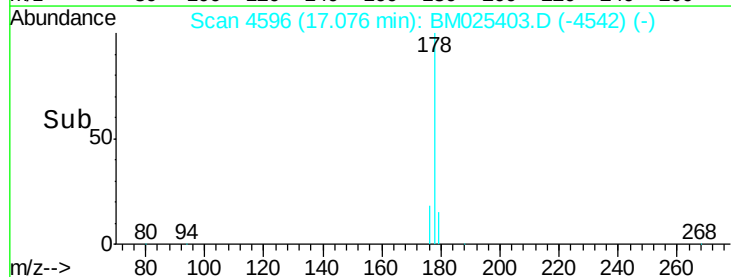
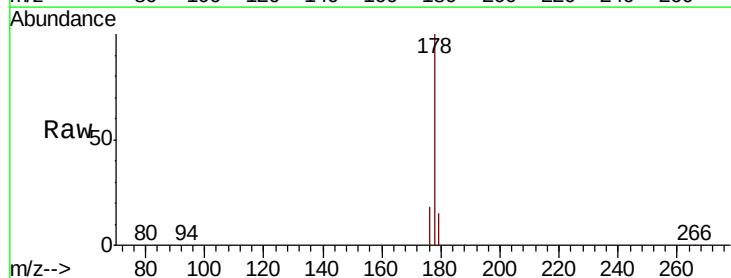
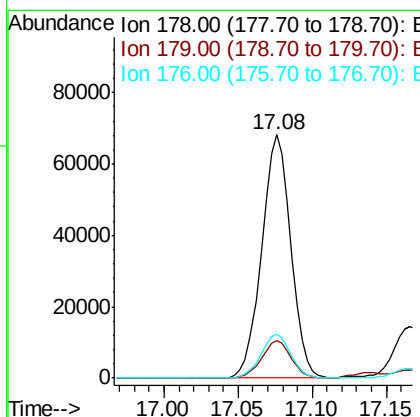
RT: 17.08 min Scan# 4596

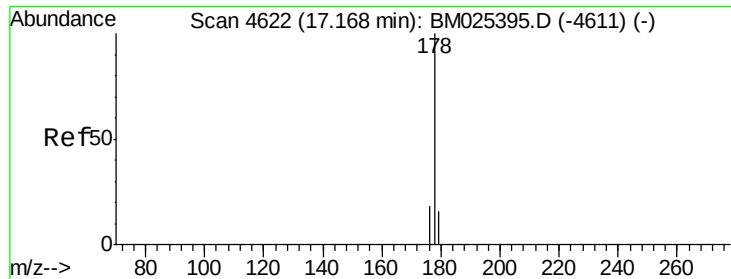
Delta R.T. -0.01 min

Lab File: BM025403.D

Acq: 09 Mar 2020 02:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
178	100		92054		
179	15.4	14.0	21.0		
176	18.3	16.6	24.8		





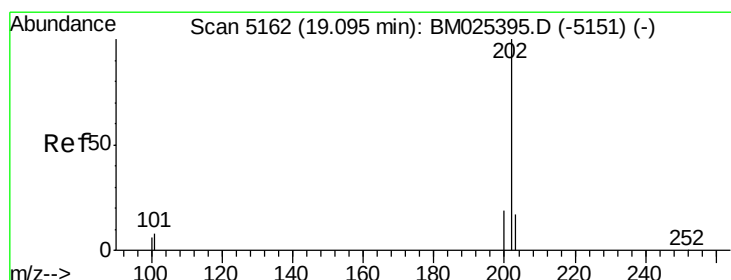
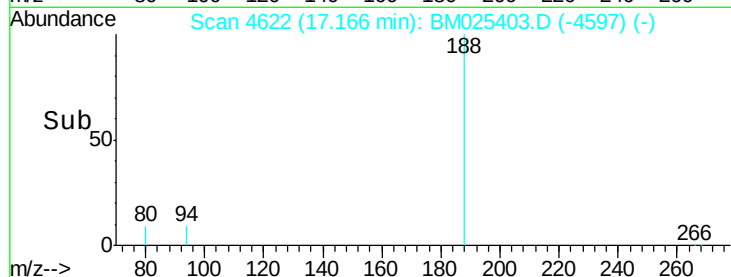
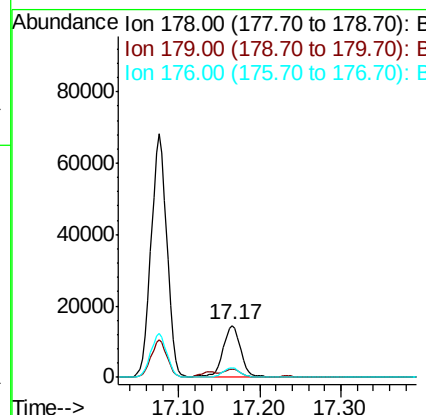
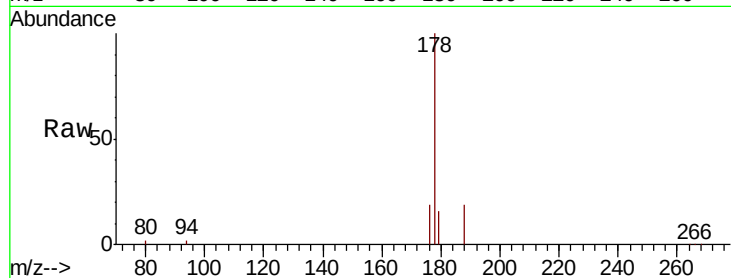
#13
 Anthracene
 Concen: 0.281 ng/ul
 RT: 17.17 min Scan# 4622
 Delta R.T. -0.01 min
 Lab File: BM025403.D
 Acq: 09 Mar 2020 02:19

Instrument :
 BNA_M
 ClientSampleId :
 DBDT2

Tot Ion:	178	Resp:	21891
Ion Ratio	Lower	Upper	
178	100		
179	16.4	14.1	21.1
176	18.6	16.2	24.4

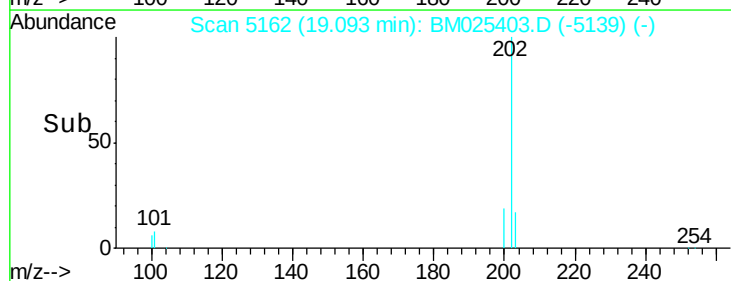
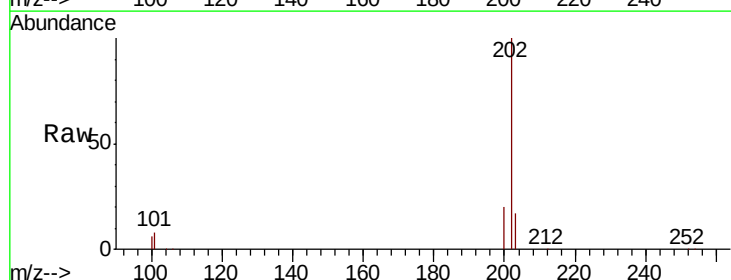
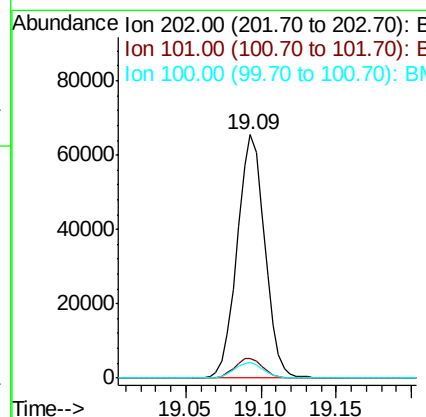
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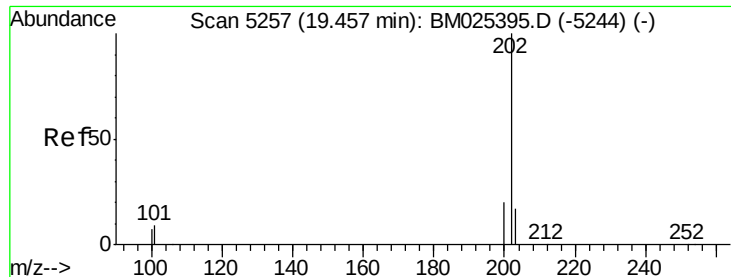
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#15
 Fluoranthene
 Concen: 0.755 ng/ul
 RT: 19.09 min Scan# 5162
 Delta R.T. -0.01 min
 Lab File: BM025403.D
 Acq: 09 Mar 2020 02:19

Tgt Ion:	202	Resp:	83089
Ion Ratio	Lower	Upper	
202	100		
101	8.2	0.0	29.4
100	6.3	0.0	28.0





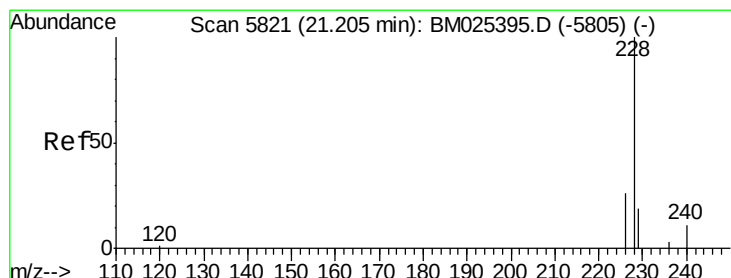
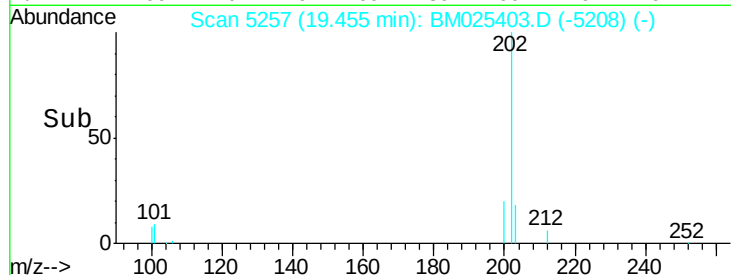
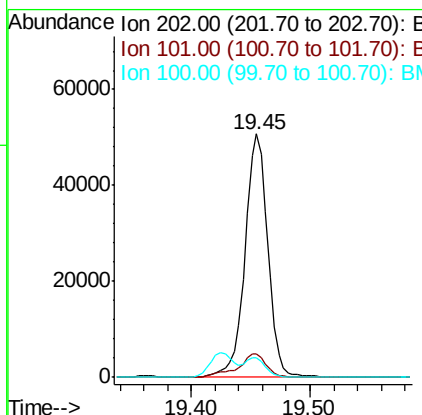
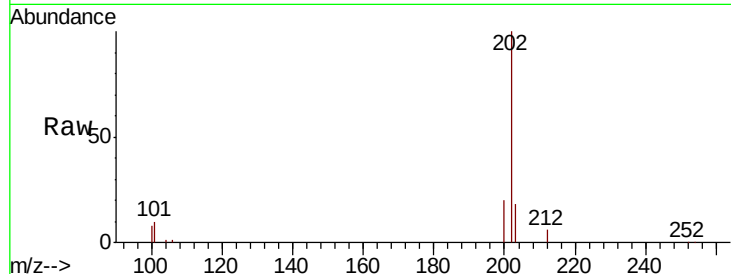
#17
 Pyrene
 Concen: 0.756 ng/ul
 RT: 19.45 min Scan# 5257
 Delta R.T. -0.01 min
 Lab File: BM025403.D
 Acq: 09 Mar 2020 02:19

Instrument :
 BNA_M
 ClientSampleId :
 DBDT2

Tot Ion:202	Resp:	67632
Ion Ratio	Lower	Upper
202 100		
101 9.6	8.7	13.1
100 7.9	7.3	10.9

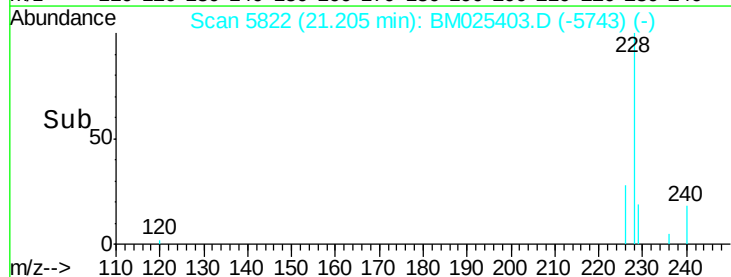
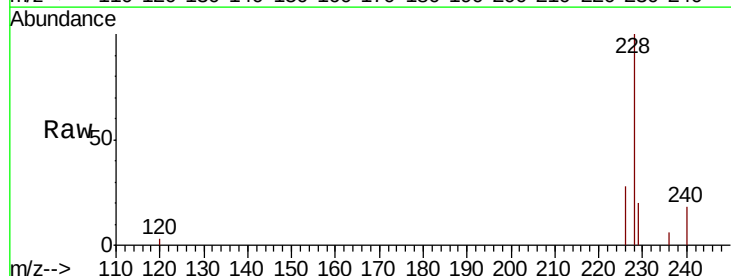
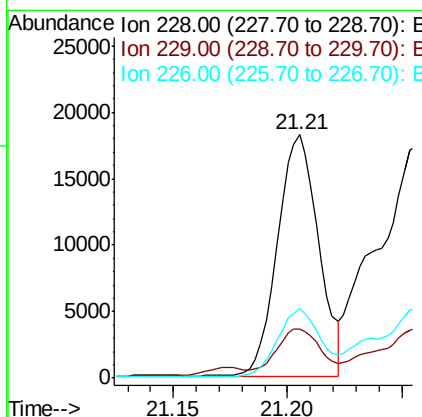
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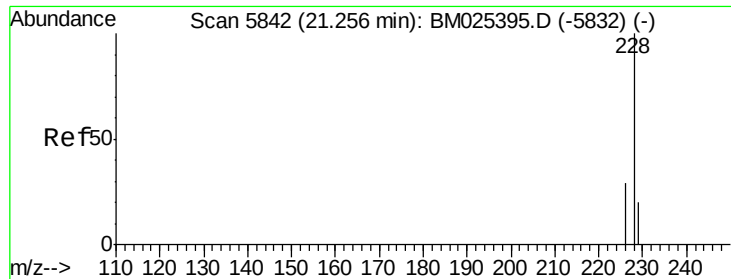
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#18
 Benzo(a)anthracene
 Concen: 0.262 ng/ul
 RT: 21.21 min Scan# 5822
 Delta R.T. -0.01 min
 Lab File: BM025403.D
 Acq: 09 Mar 2020 02:19

Tgt Ion:228	Resp:	22714
Ion Ratio	Lower	Upper
228 100		
229 20.3	16.6	25.0
226 28.3	21.9	32.9





#19

Chrysene

Concen: 0.322 ng/ul

RT: 21.26 min Scan# 5843

Delta R.T. -0.01 min

Lab File: BM025403.D

Acq: 09 Mar 2020 02:19

Instrument :

BNA_M

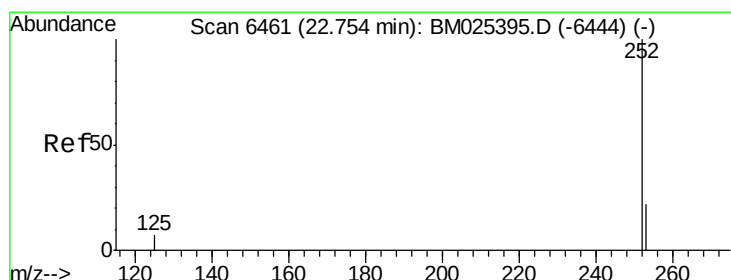
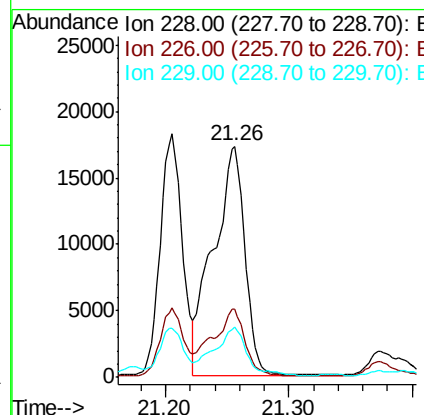
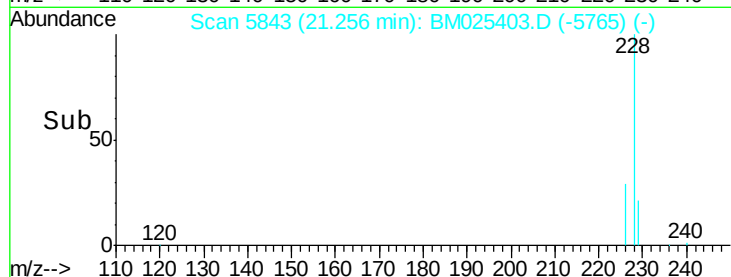
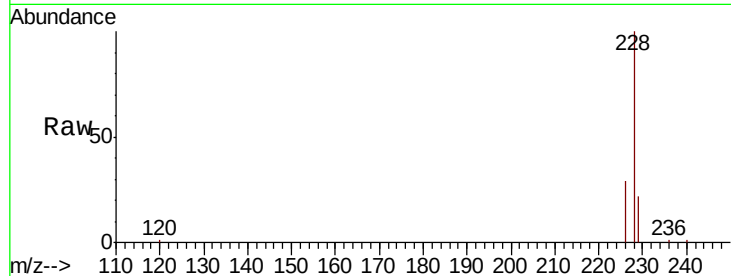
ClientSampleId :

DBDT2

Tot Ion:	228	Resp:	30672
Ion Ratio	Lower	Upper	
228	100		
226	29.3	23.8	35.8
229	21.8	16.9	25.3

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#21

Benzo(b)fluoranthene

Concen: 0.797 ng/ul m

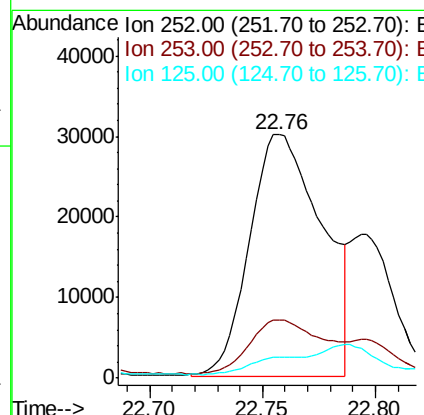
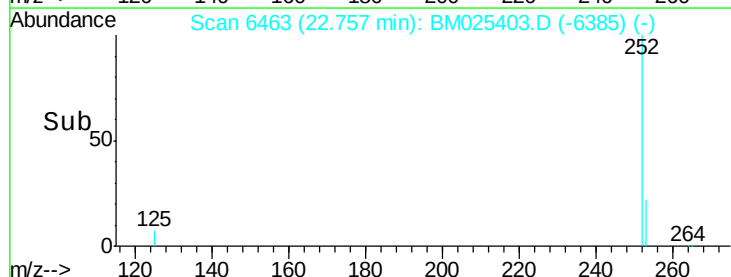
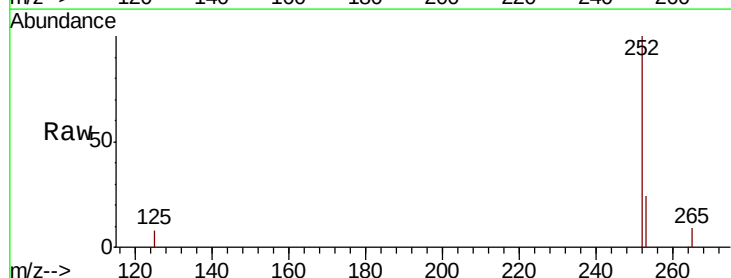
RT: 22.76 min Scan# 6463

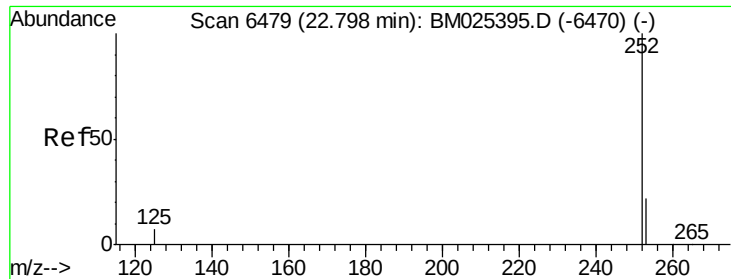
Delta R.T. -0.01 min

Lab File: BM025403.D

Acq: 09 Mar 2020 02:19

Tgt Ion:	252	Resp:	66938
Ion Ratio	Lower	Upper	
252	100		
253	23.7	0.0	49.8
125	8.5	0.0	28.6





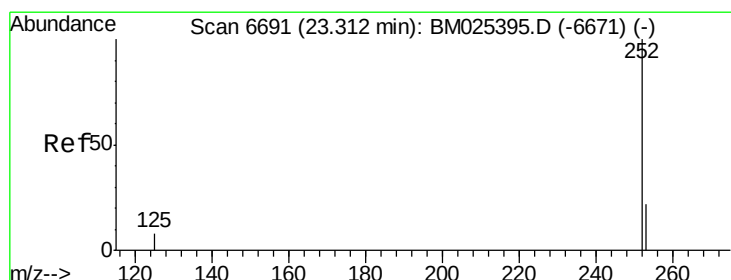
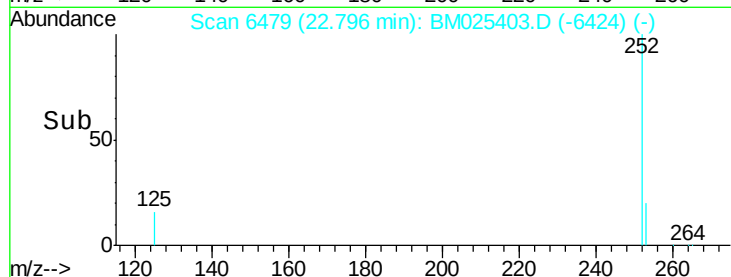
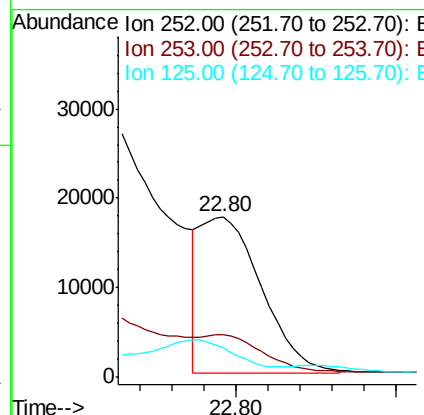
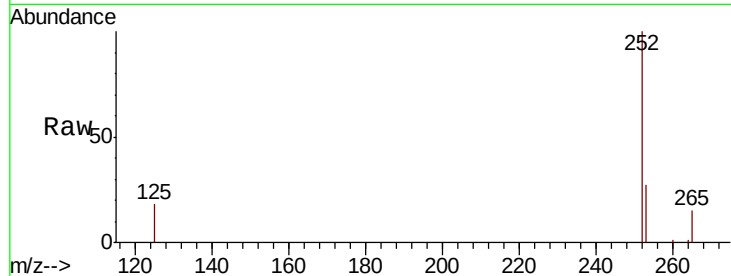
#22
Benzo(k)fluoranthene
Concen: 0.264 ng/ul m
RT: 22.80 min Scan# 6479
Delta R.T. -0.02 min
Lab File: BM025403.D
Acq: 09 Mar 2020 02:19

Instrument :
BNA_M
ClientSampleId :
DBDT2

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.5	19.4	29.0
125	18.2	10.7	16.1

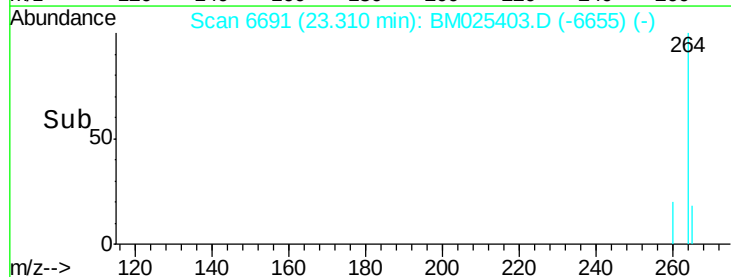
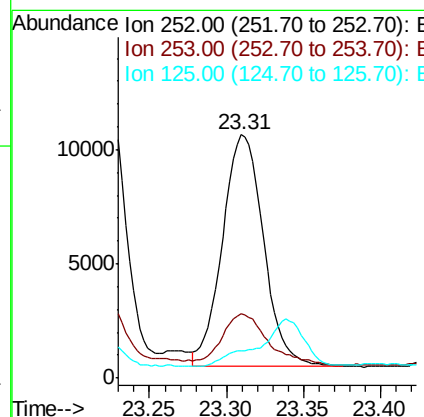
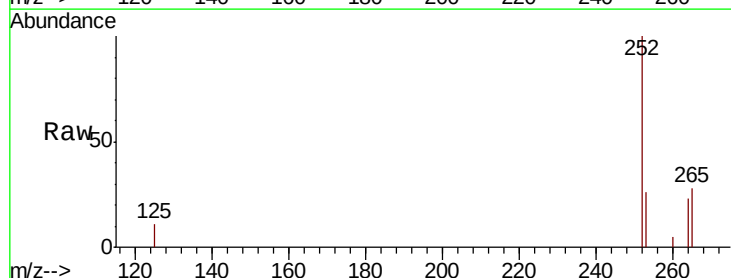
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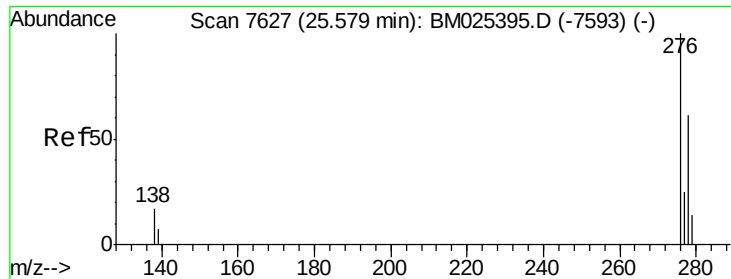
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#23
Benzo(a)pyrene
Concen: 0.269 ng/ul
RT: 23.31 min Scan# 6691
Delta R.T. -0.01 min
Lab File: BM025403.D
Acq: 09 Mar 2020 02:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.5	20.3	30.5
125	11.3	13.0	19.4





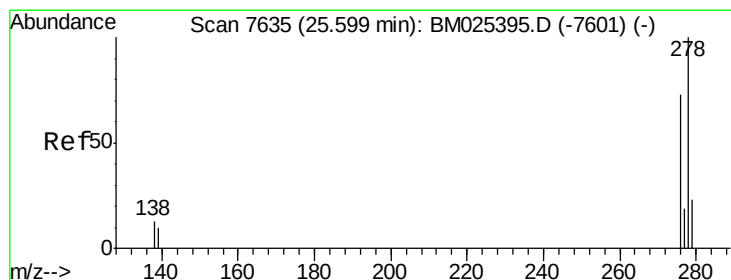
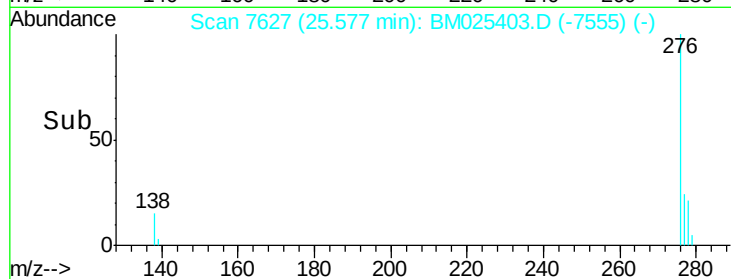
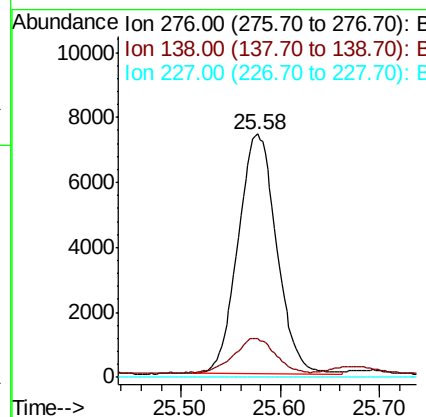
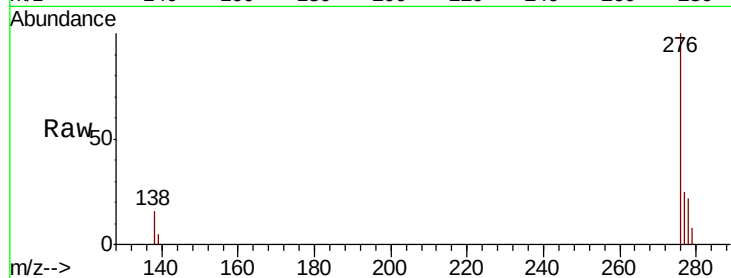
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.225 ng/ul
 RT: 25.58 min Scan# 7627
 Delta R.T. -0.03 min
 Lab File: BM025403.D
 Acq: 09 Mar 2020 02:19

Instrument :
 BNA_M
 ClientSampleId :
 DBDT2

Tot Ion	Ratio	Lower	Upper
276	100		
138	16.1	0.0	0.0#
227	0.0	0.0	0.0

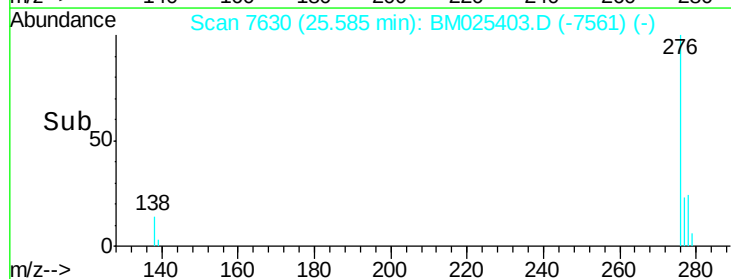
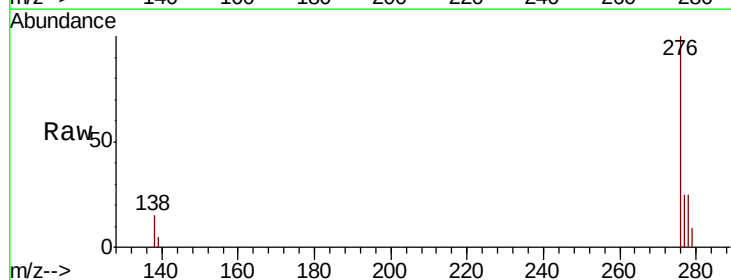
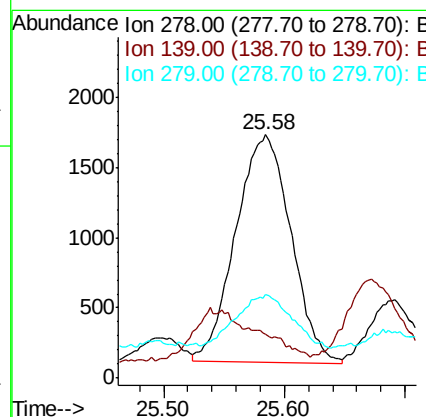
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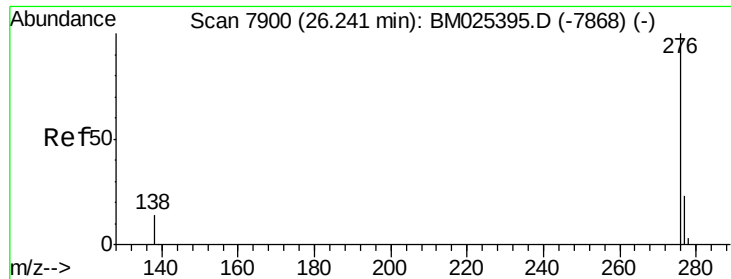
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#25
 Dibenzo(a,h)anthracene
 Concen: 0.071 ng/ul
 RT: 25.58 min Scan# 7630
 Delta R.T. -0.03 min
 Lab File: BM025403.D
 Acq: 09 Mar 2020 02:19

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.2	13.2	19.8
279	34.5	21.0	31.4#





#26
Benzo(a,h,i)perylene
Concen: 0.141 ng/ul
RT: 26.24 min Scan# 7900
Delta R.T. -0.02 min
Lab File: BM025403.D
Acq: 09 Mar 2020 02:19

Instrument :
BNA_M
ClientSampleId :
DBDT2

Tot Ion	Ratio	Lower	Upper
276	100		
138	17.1	17.9	26.9#
277	26.3	20.5	30.7

Manual Integrations
APPROVED

mohammad
3/9/2020 3:04:10 PM

