

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030920\
 Data File : BM025463.D
 Acq On : 10 Mar 2020 21:28
 Operator : CG/JU
 Sample : L1617-18
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBDT2

Manual Integrations
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Quant Time: Mar 11 00:10:35 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 10 23:48:01 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	2904	0.40	ng/ul	0.00
2) Naphthalene-d8	10.43	136	12543	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.29	164	8919	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.03	188	19445	0.40	ng/ul	0.00
16) Chrysene-d12	21.22	240	13900	0.40	ng/ul	0.00
20) Perylene-d12	23.40	264	13212	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	5957	0.26	ng/ul	0.00
14) Fluoranthene-d10	19.06	212	14266	0.27	ng/ul	0.00
Target Compounds				Ovalue		
7) Acenaphthylene	14.01	152	1232	0.034	ng/ul#	88
8) Acenaphthene	14.35	153	2994	0.094	ng/ul	98
9) Fluorene	15.34	166	7893	0.203	ng/ul	100
12) Phenanthrene	17.07	178	70711	1.147	ng/ul	99
13) Anthracene	17.16	178	13721	0.256	ng/ul	98
15) Fluoranthene	19.09	202	57850	0.866	ng/ul	99
17) Pyrene	19.45	202	46891	0.752	ng/ul	98
18) Benzo(a)anthracene	21.20	228	13695	0.276	ng/ul	97
19) Chrysene	21.25	228	18972	0.340	ng/ul	99
21) Benzo(b)fluoranthene	22.75	252	39000m	0.745	ng/ul	
22) Benzo(k)fluoranthene	22.79	252	17048m	0.311	ng/ul	
23) Benzo(a)pyrene	23.31	252	12092	0.278	ng/ul	96
24) Indeno(1,2,3-cd)pyrene	25.57	276	14046	0.238	ng/ul#	98
25) Dibenzo(a,h)anthracene	25.58	278	3718	0.075	ng/ul#	79
26) Benzo(g,h,i)perylene	26.23	276	7631	0.149	ng/ul#	94

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

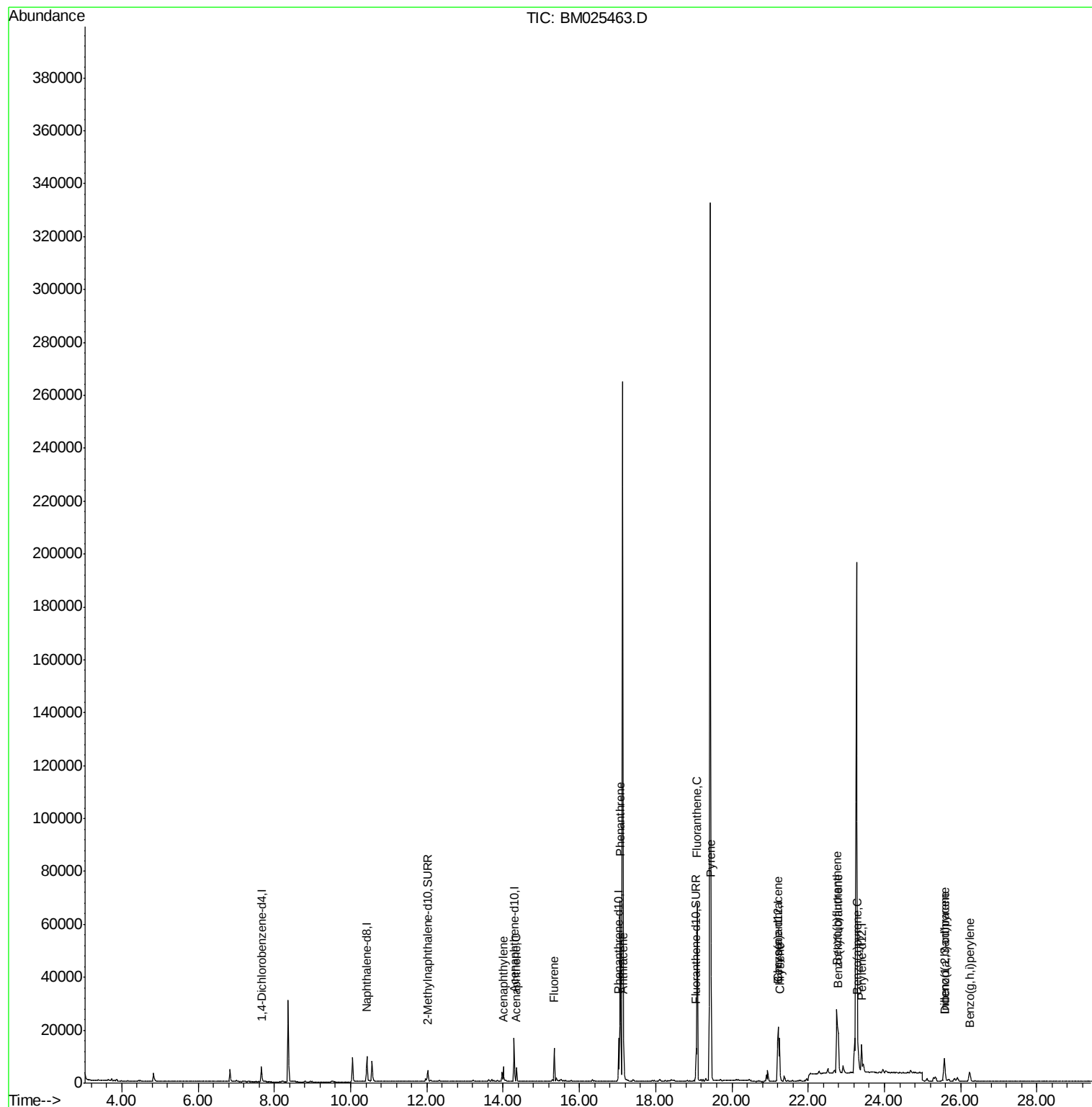
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030920\
Data File : BM025463.D
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ALS Vial : 57 Sample Multiplier: 1

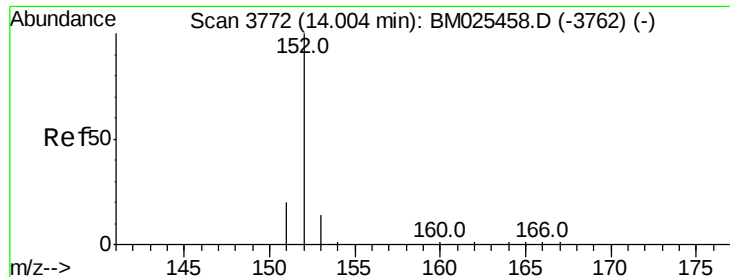
Instrument :
BNA_M
ClientSampleId :
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Quant Time: Mar 11 00:10:35 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030920.M
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#7

Acenaphthylene

Concen: 0.034 ng/ul

RT: 14.01 min Scan# 3773

Delta R.T. -0.00 min

Lab File: BM025463.D

Acq: 10 Mar 2020 21:28

Instrument :

BNA_M

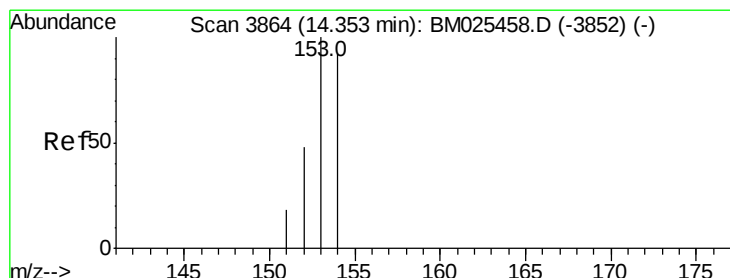
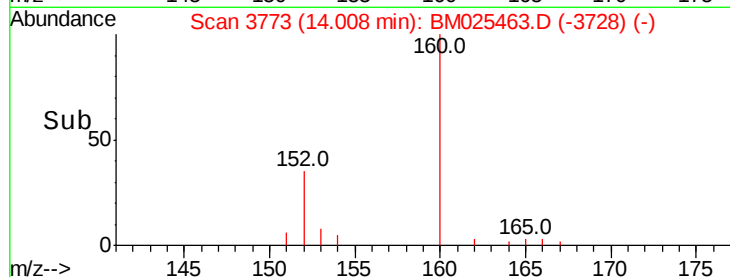
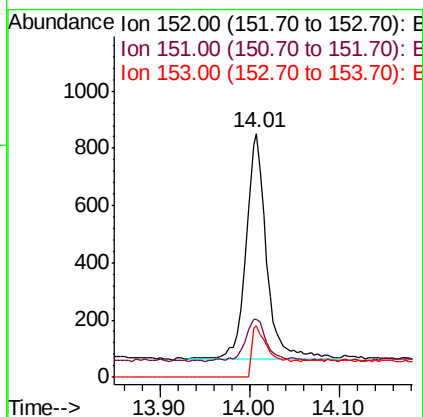
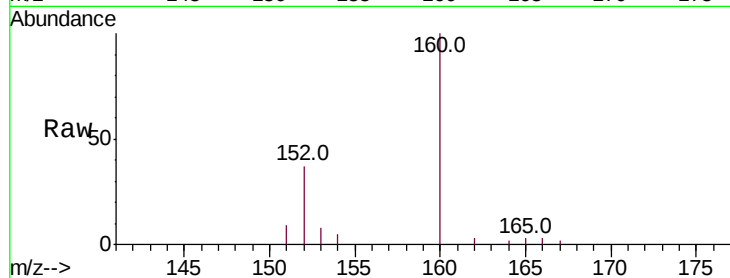
ClientSampleId :

DBDT2

Tot Ion:	152	Resp:	1232
Ion Ratio	Lower	Upper	
152	100		
151	23.9	16.2	24.2
153	21.0	10.6	16.0#

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#8

Acenaphthene

Concen: 0.094 ng/ul

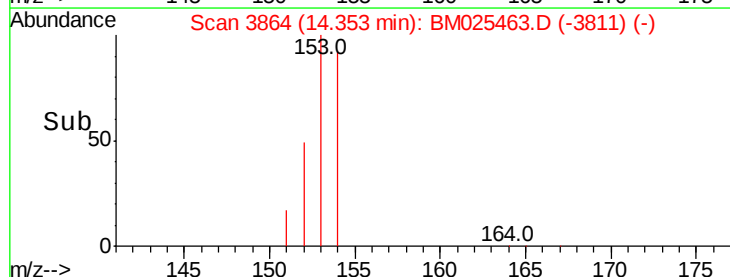
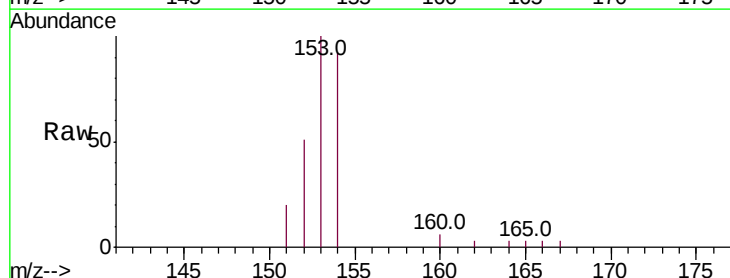
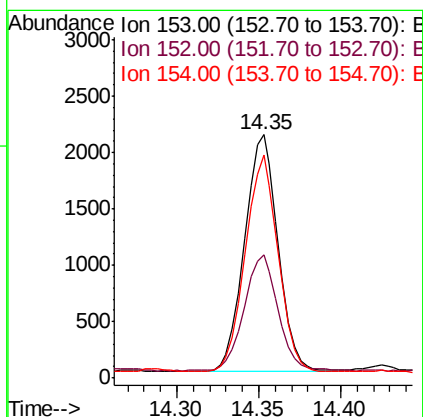
RT: 14.35 min Scan# 3864

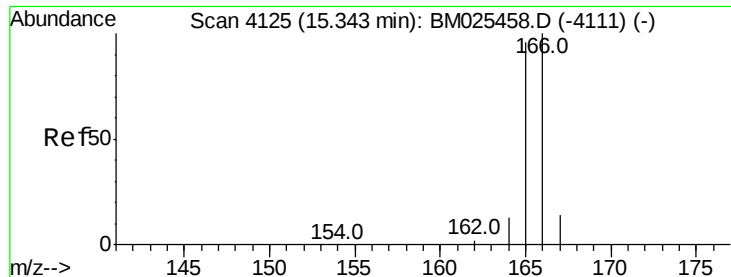
Delta R.T. -0.00 min

Lab File: BM025463.D

Acq: 10 Mar 2020 21:28

Tgt Ion:	153	Resp:	2994
Ion Ratio	Lower	Upper	
153	100		
152	50.6	39.5	59.3
154	91.8	71.7	107.5





#9

Fluorene

Concen: 0.203 ng/ul

RT: 15.34 min Scan# 4124

Delta R.T. -0.00 min

Lab File: BM025463.D

Acq: 10 Mar 2020 21:28

Instrument :

BNA_M

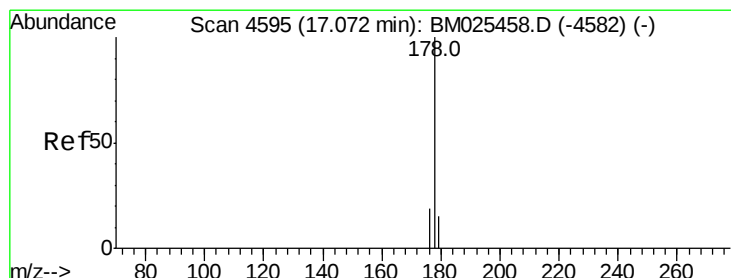
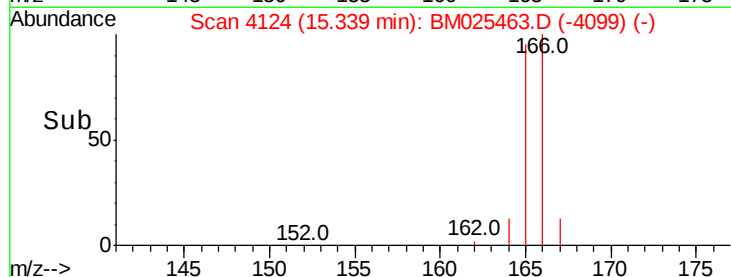
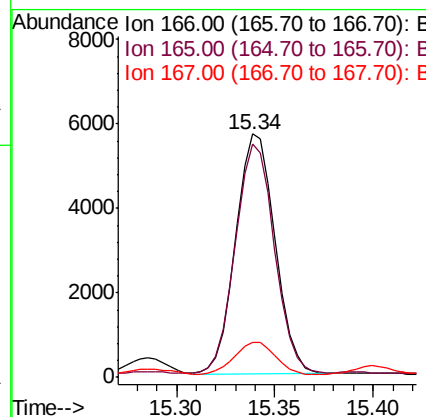
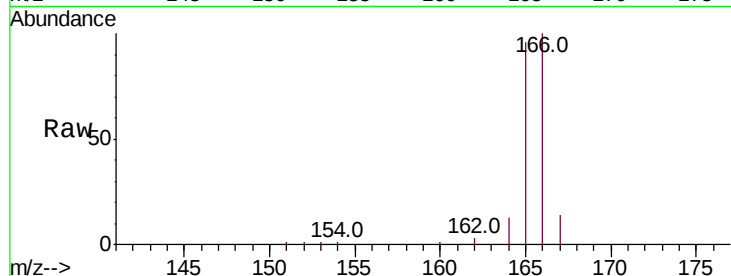
ClientSampleId :

DBDT2

Tot Ion:	166	Resp:	7893
Ion Ratio	Lower	Upper	
166	100		
165	95.8	76.8	115.2
167	14.4	11.2	16.8

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#12

Phenanthrene

Concen: 1.147 ng/ul

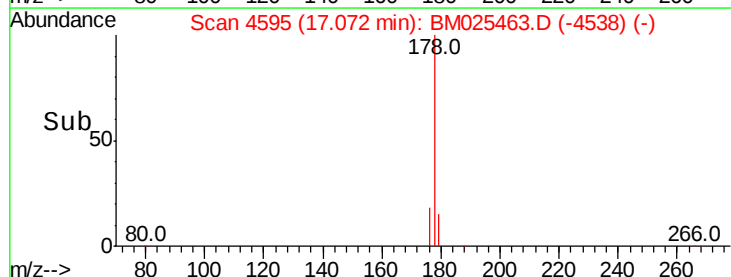
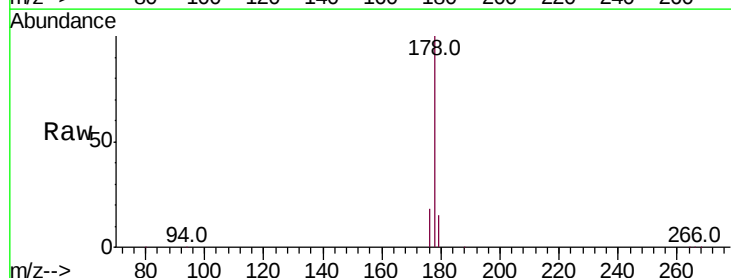
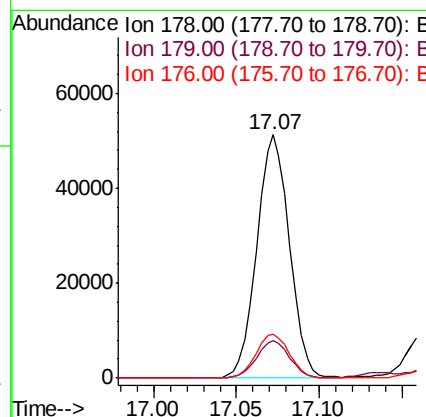
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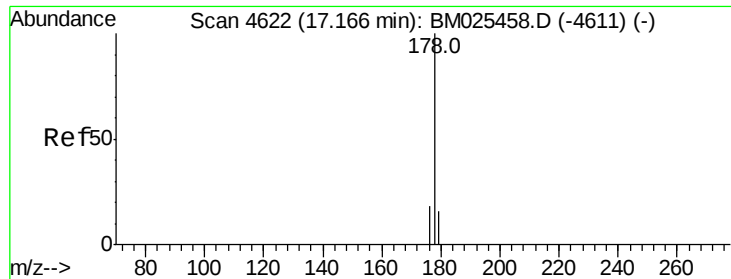
Delta R.T. -0.00 min

Lab File: BM025463.D

Acq: 10 Mar 2020 21:28

Tgt Ion:	178	Resp:	70711
Ion Ratio	Lower	Upper	
178	100		
179	15.3	12.4	18.6
176	18.1	14.8	22.2





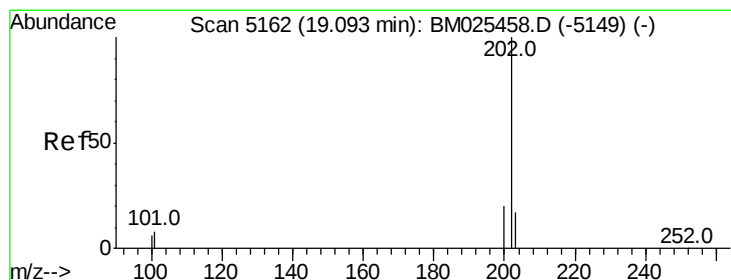
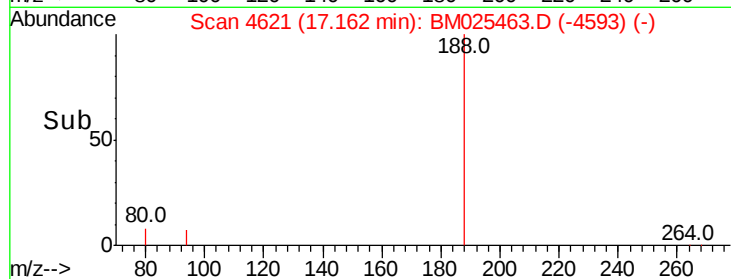
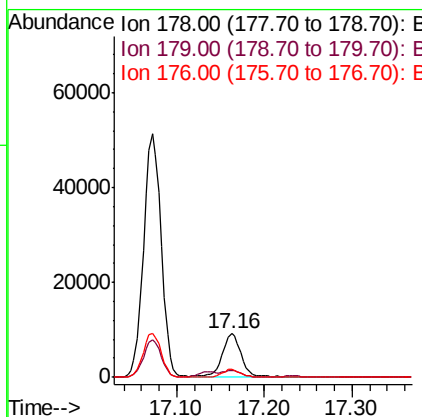
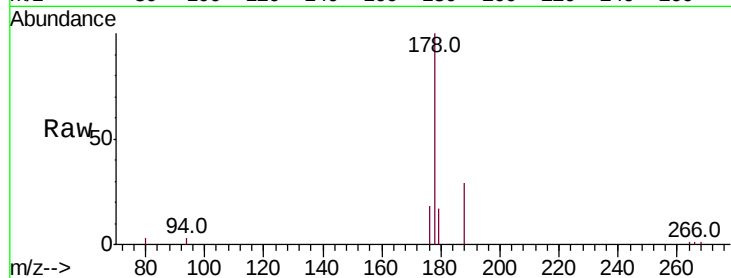
#13
 Anthracene
 Concen: 0.256 ng/ul
 RT: 17.16 min Scan# 4621
 Delta R.T. -0.00 min
 Lab File: BM025463.D
 Acq: 10 Mar 2020 21:28

Instrument :
 BNA_M
 ClientSampleId :
 DBDT2

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.9	12.6	18.8
176	18.2	14.5	21.7

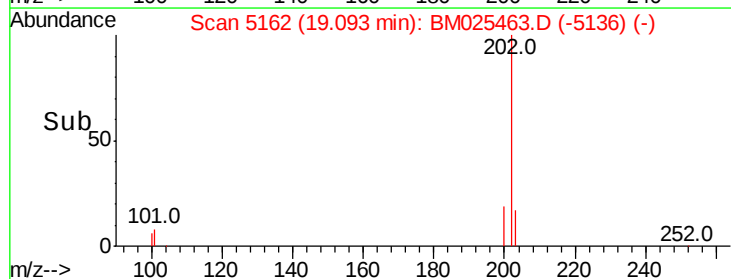
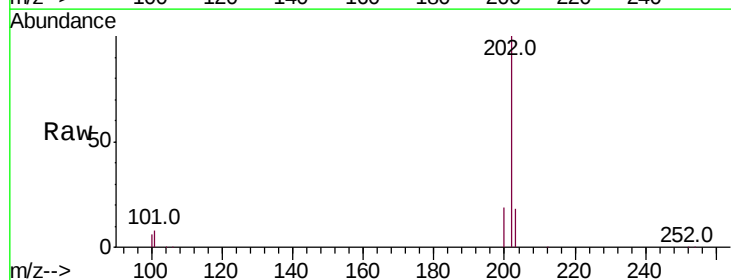
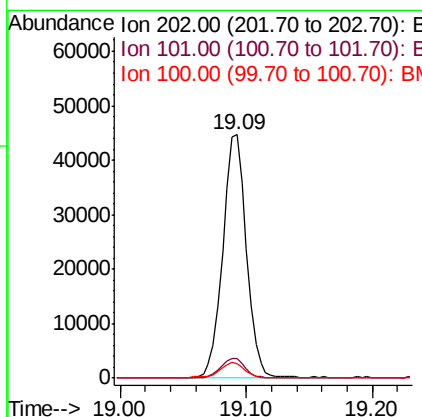
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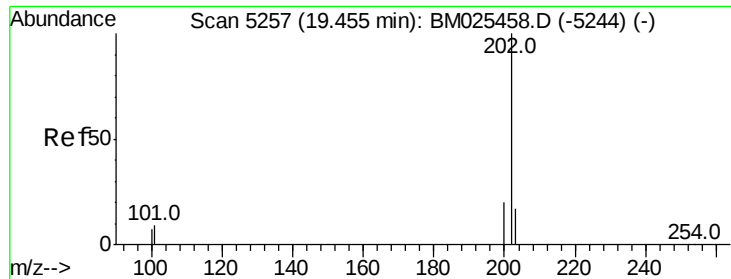
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#15
 Fluoranthene
 Concen: 0.866 ng/ul
 RT: 19.09 min Scan# 5162
 Delta R.T. -0.00 min
 Lab File: BM025463.D
 Acq: 10 Mar 2020 21:28

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.8	0.0	27.5
100	5.8	0.0	26.0





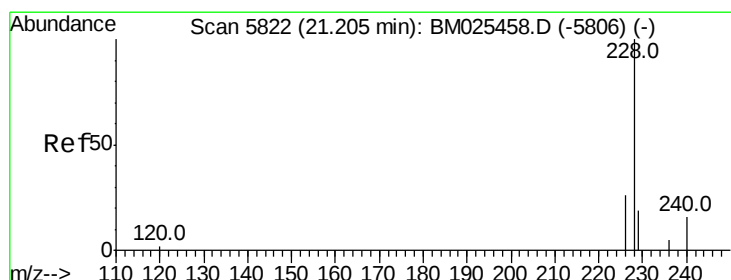
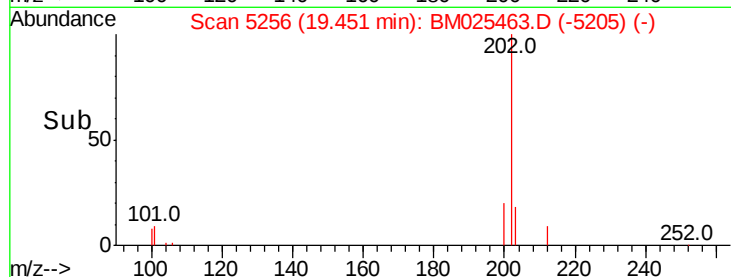
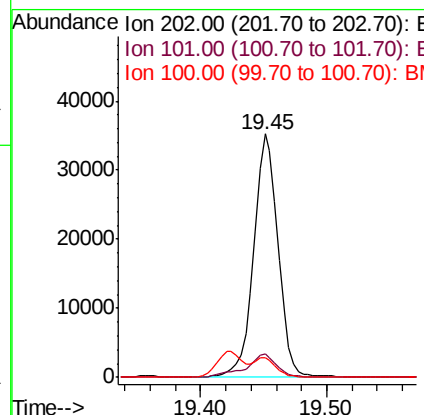
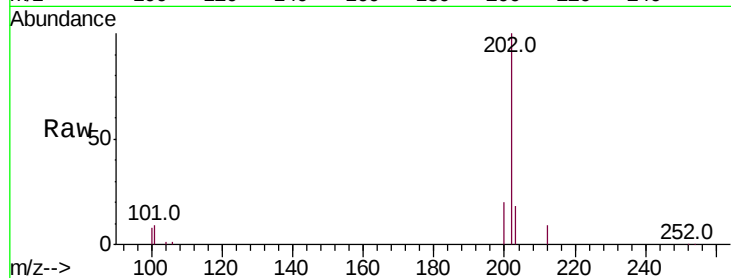
#17
Pvrene
Concen: 0.752 ng/ul
RT: 19.45 min Scan# 5256
Delta R.T. -0.00 min
Lab File: BM025463.D
Acq: 10 Mar 2020 21:28

Instrument :
BNA_M
ClientSampleId :
DBDT2

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	9.5	7.1	10.7
100	8.0	6.0	9.0

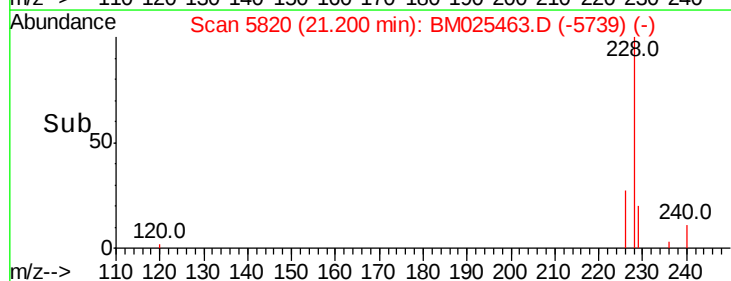
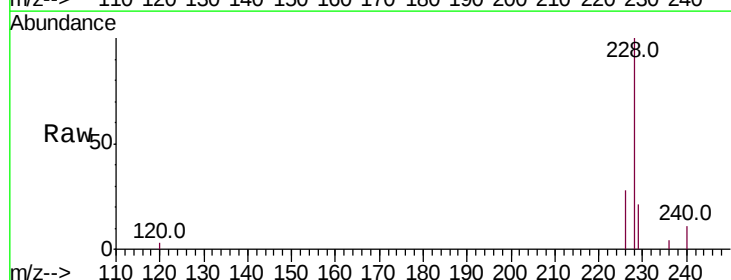
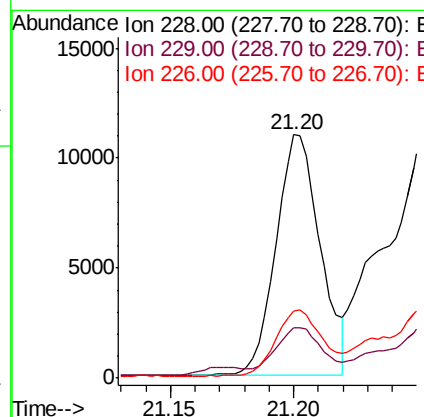
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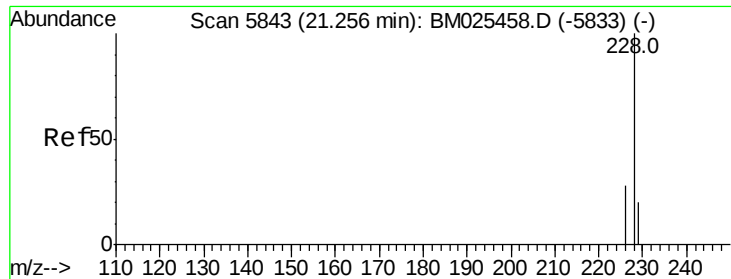
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#18
Benzo(a)anthracene
Concen: 0.276 ng/ul
RT: 21.20 min Scan# 5820
Delta R.T. -0.00 min
Lab File: BM025463.D
Acq: 10 Mar 2020 21:28

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	20.7	15.6	23.4
226	27.7	21.1	31.7





#19

Chrysene

Concen: 0.340 ng/ul

RT: 21.25 min Scan# 5842

Delta R.T. -0.00 min

Lab File: BM025463.D

Acq: 10 Mar 2020 21:28

Instrument :

BNA_M

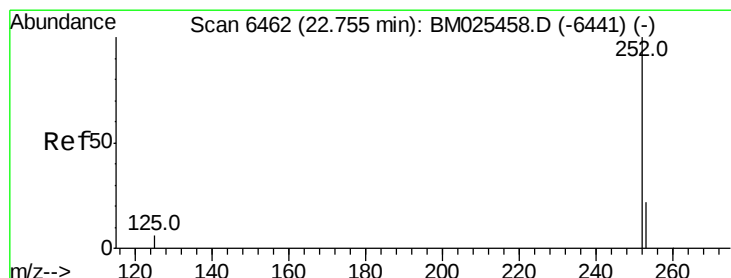
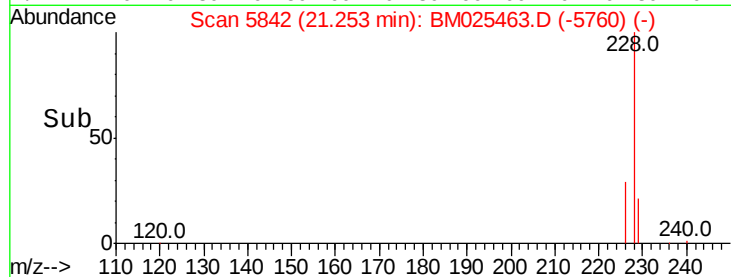
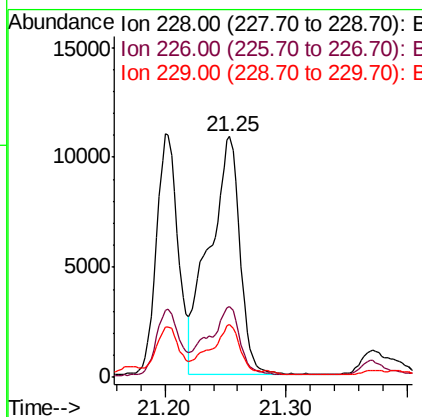
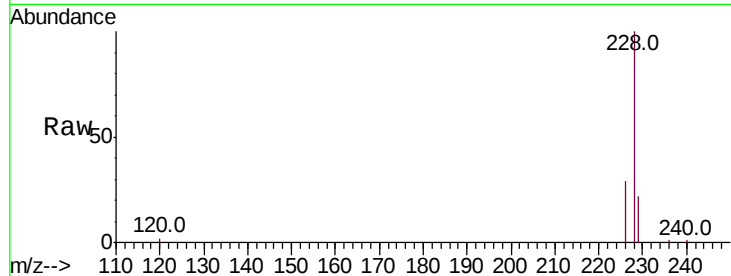
ClientSampleID :

DBDT2

Tot Ion:	228	Resp:	18972
Ion Ratio	Lower	Upper	
228	100		
226	29.4	23.6	35.4
229	21.9	16.3	24.5

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#21

Benzo(b)fluoranthene

Concen: 0.745 ng/ul m

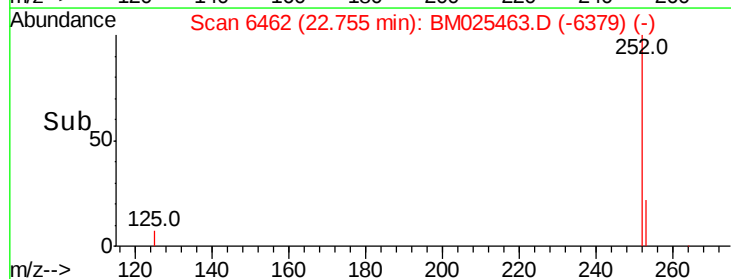
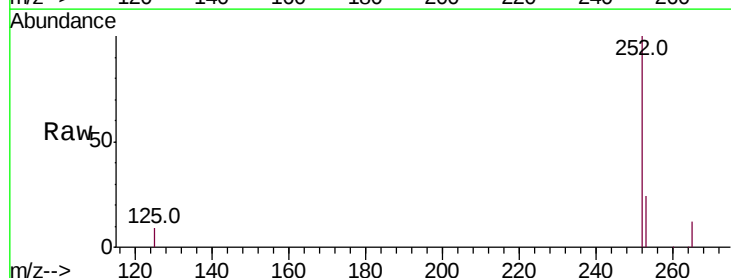
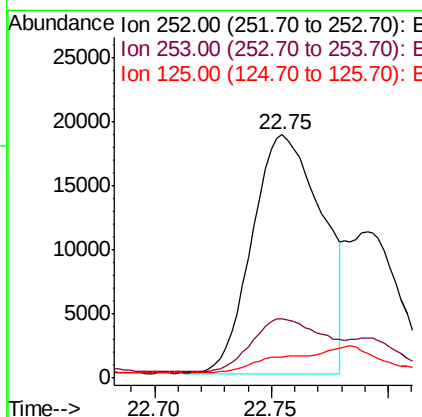
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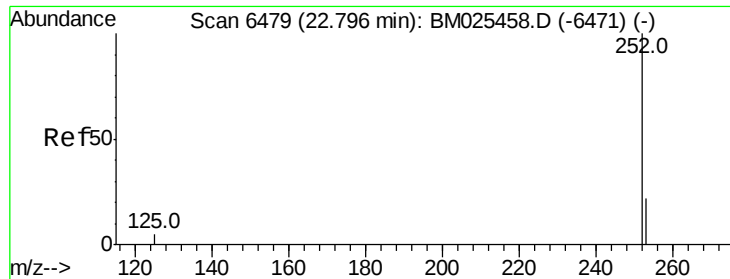
Delta R.T. -0.00 min

Lab File: BM025463.D

Acq: 10 Mar 2020 21:28

Tgt Ion:	252	Resp:	39000
Ion Ratio	Lower	Upper	
252	100		
253	24.4	0.0	50.2
125	8.7	0.0	17.6





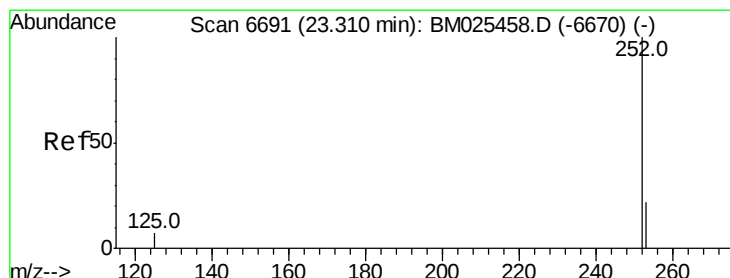
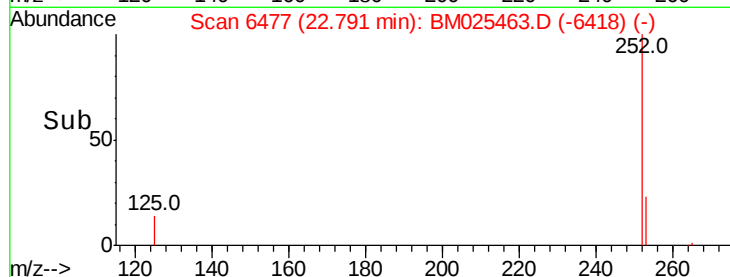
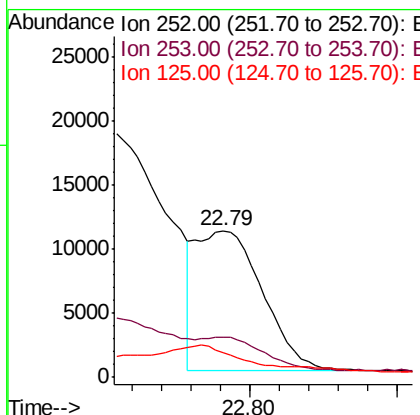
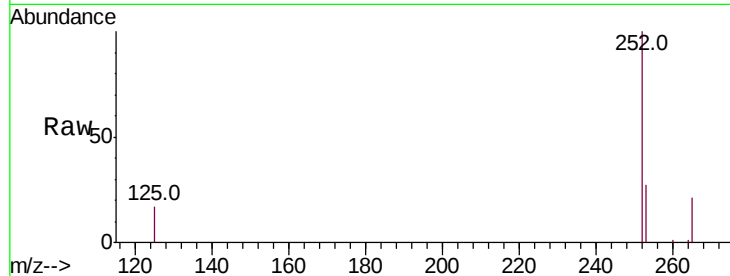
#22
Benzo(k)fluoranthene
Concen: 0.311 ng/ul m
RT: 22.79 min Scan# 6477
Delta R.T. -0.01 min
Lab File: BM025463.D
Acq: 10 Mar 2020 21:28

Instrument :
BNA_M
ClientSampleId :
DBDT2

Tot Ion	Ratio	Lower	Upper
252	100		
253	27.5	19.8	29.8
125	17.1	7.1	10.7

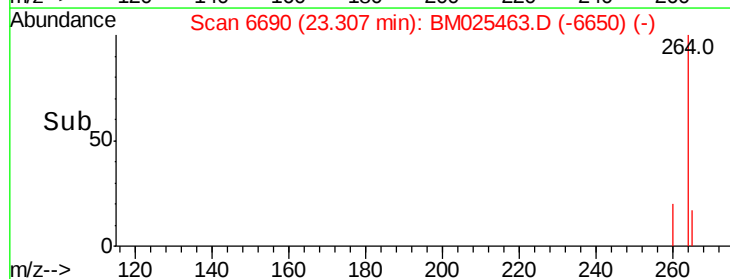
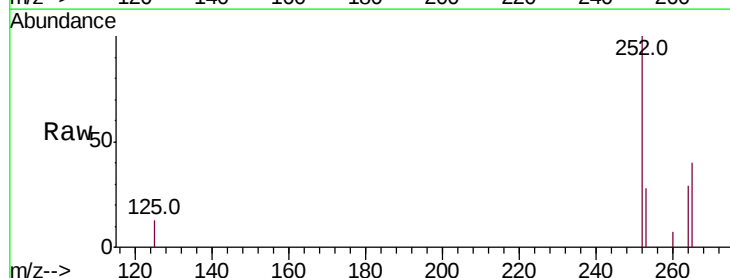
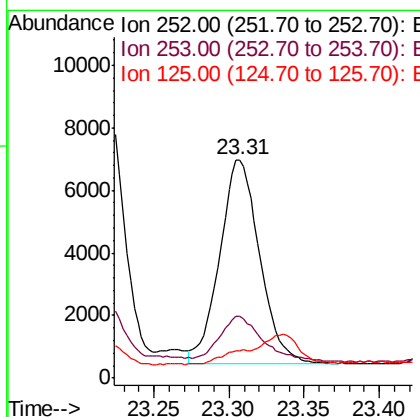
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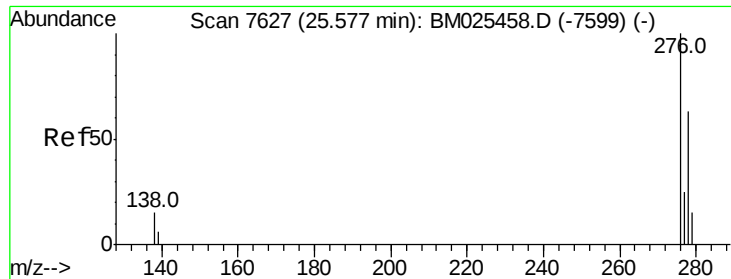
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#23
Benzo(a)pyrene
Concen: 0.278 ng/ul
RT: 23.31 min Scan# 6690
Delta R.T. -0.00 min
Lab File: BM025463.D
Acq: 10 Mar 2020 21:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.3	21.3	31.9
125	12.7	8.5	12.7





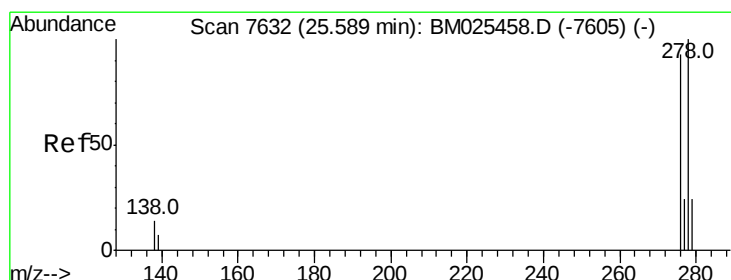
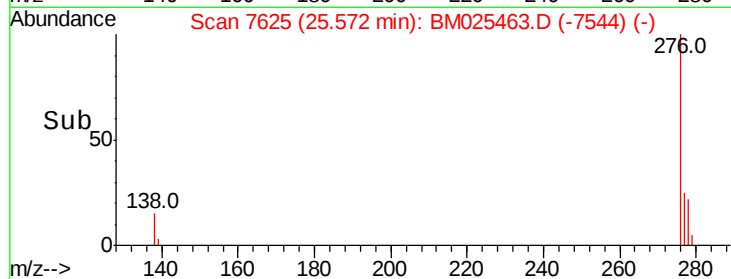
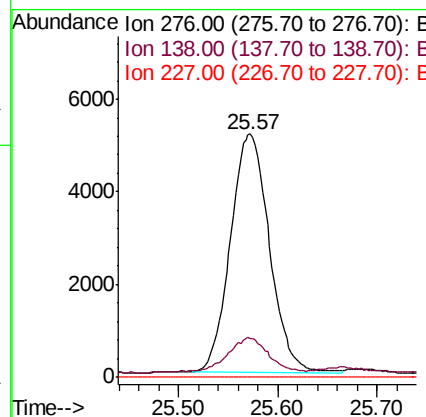
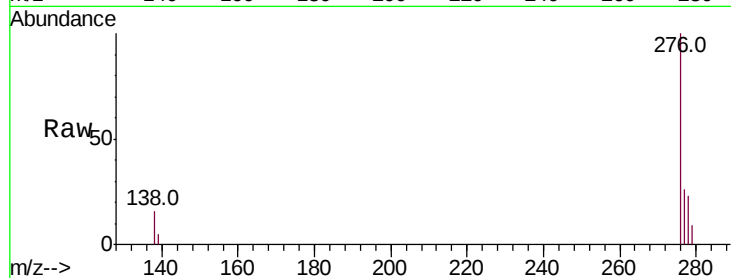
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.238 ng/u1
 RT: 25.57 min Scan# 7625
 Delta R.T. -0.00 min
 Lab File: BM025463.D
 Acq: 10 Mar 2020 21:28

Instrument :
 BNA_M
 ClientSampleId :
 DBDT2

Tot Ion	Ratio	Lower	Upper
276	100		
138	14.4	12.3	18.5
227	0.0	0.0	0.0

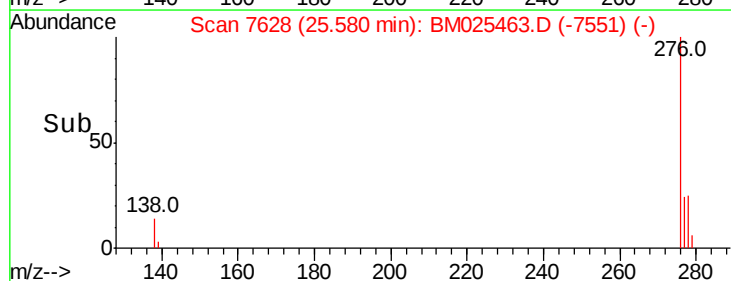
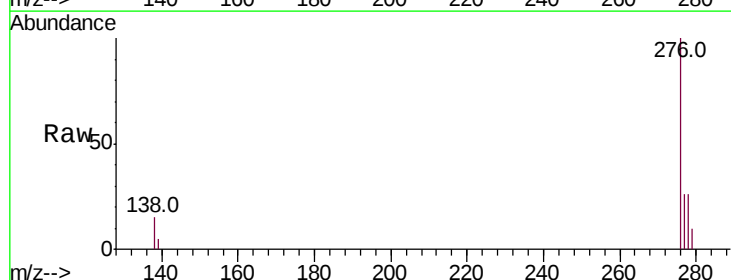
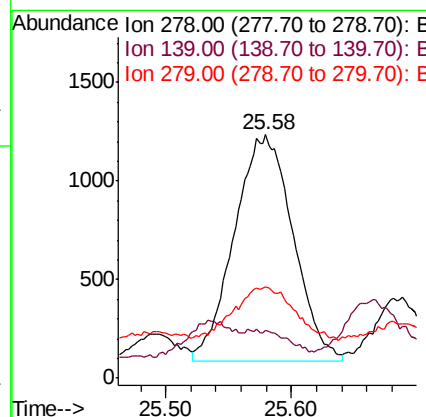
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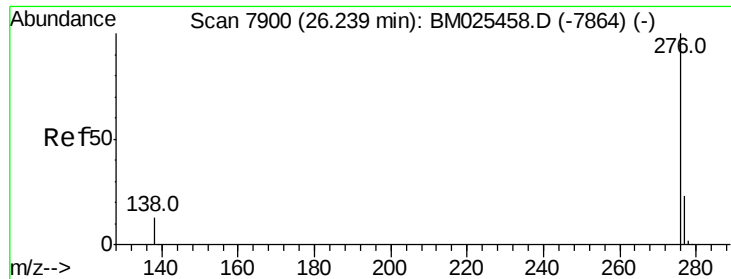
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#25
 Dibenzo(a,h)anthracene
 Concen: 0.075 ng/u1
 RT: 25.58 min Scan# 7628
 Delta R.T. -0.01 min
 Lab File: BM025463.D
 Acq: 10 Mar 2020 21:28

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.7	9.0	31.6#
279	37.3	21.1	31.7#





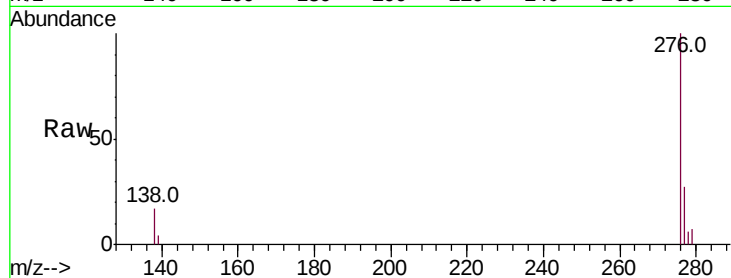
#26
 Benzo(a,h,i)perylene
 Concen: 0.149 ng/ul
 RT: 26.23 min Scan# 7897
 Delta R.T. -0.01 min
 Lab File: BM025463.D
 Acq: 10 Mar 2020 21:28

Instrument :
 BNA_M
 ClientSampleId :
 DBDT2

Tot Ion	Ratio	Lower	Upper
276	100		
138	17.3	11.0	16.4#
277	26.8	19.8	29.6

Manual Integrations
 APPROVED

mohammad
 3/11/2020 8:01:52 AM



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

