

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030620\
 Data File : BM025402.D
 Acq On : 09 Mar 2020 01:44
 Operator : CG/JU
 Sample : L1617-19
 Misc :
 ALS Vial : 88 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBDT3

Manual Integrations
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Quant Time: Mar 09 02:35:47 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	3836	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.43	136	17482	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.29	164	13346	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.03	188	31084m	0.40	ng/ul	-0.01
16) Chrysene-d12	21.22	240	28856	0.40	ng/ul	-0.01
20) Perylene-d12	23.40	264	25509	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	9744	0.30	ng/ul	-0.02
14) Fluoranthene-d10	19.06	212	28874	0.29	ng/ul	-0.01
Target Compounds				Ovalue		
3) Naphthalene	10.48	128	2236	0.043	ng/ul#	89
5) 2-Methylnaphthalene	12.10	142	2624	0.068	ng/ul	99
7) Acenaphthylene	14.01	152	2624	0.042	ng/ul#	89
8) Acenaphthene	14.35	153	112826	2.328	ng/ul	98
9) Fluorene	15.34	166	206874	3.405	ng/ul	96
12) Phenanthrene	17.08	178	857148	8.551	ng/ul	95
13) Anthracene	17.17	178	56451	0.635	ng/ul	95
15) Fluoranthene	19.09	202	698922	5.571	ng/ul	96
17) Pyrene	19.46	202	412898	3.773	ng/ul	97
18) Benzo(a)anthracene	21.20	228	36656	0.346	ng/ul	98
19) Chrysene	21.25	228	36925	0.317	ng/ul	99
21) Benzo(b)fluoranthene	22.76	252	29594m	0.290	ng/ul	
22) Benzo(k)fluoranthene	22.79	252	11200m	0.105	ng/ul	
23) Benzo(a)pyrene	23.31	252	13393	0.156	ng/ul	94
24) Indeno(1,2,3-cd)pyrene	25.58	276	5601	0.052	ng/ul#	100
26) Benzo(a,h,i)perylene	26.24	276	3953	0.044	ng/ul	95

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

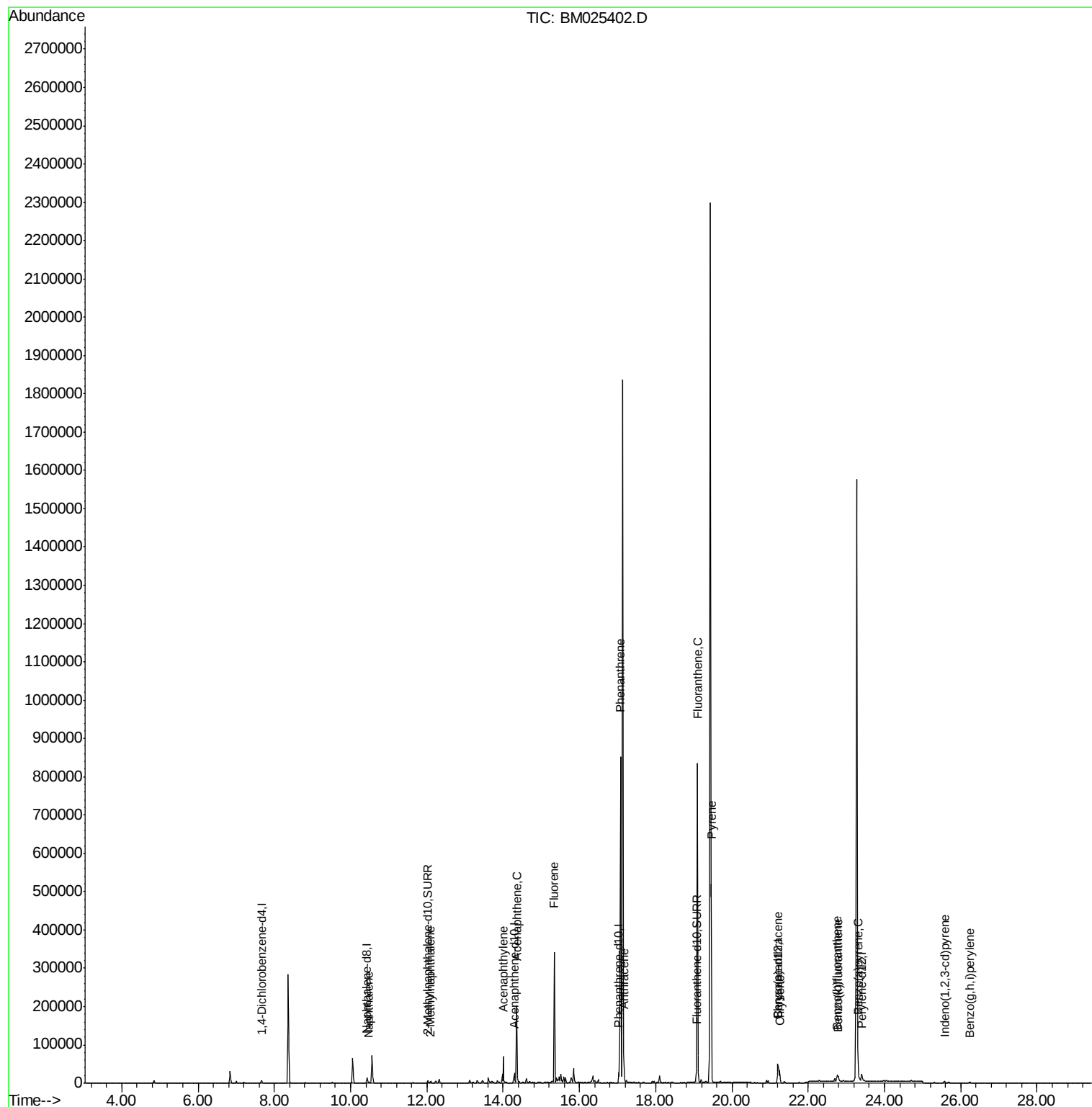
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030620\
Data File : BM025402.D
Acq On : 09 Mar 2020 01:44
Operator : CG/JU
Sample : L1617-19
Misc :
ALS Vial : 88 Sample Multiplier: 1

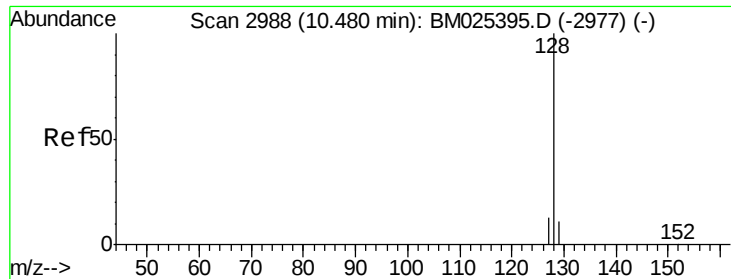
Instrument :
BNA_M
ClientSampleId :
DBDT3

Quant Time: Mar 09 02:35:47 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

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#3

Naphthalene

Concen: 0.043 ng/ul

RT: 10.48 min Scan# 2989

Delta R.T. -0.01 min

Lab File: BM025402.D

Acq: 09 Mar 2020 01:44

Instrument :

BNA_M

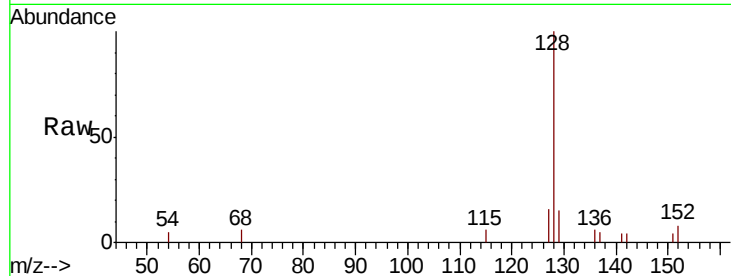
ClientSampleId :

DBDT3

Tot Ion:128	Resp:	2236
Ion Ratio	Lower	Upper
128	100	
129	14.5	17.0 25.6#
127	16.1	15.7 23.5

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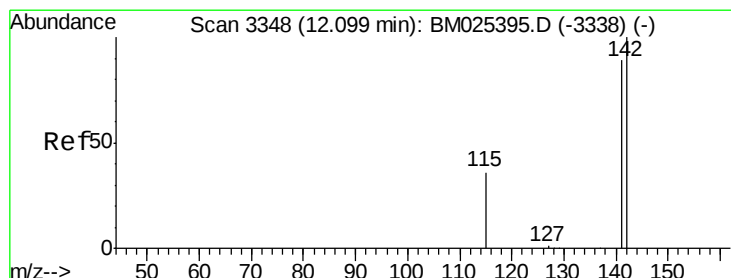
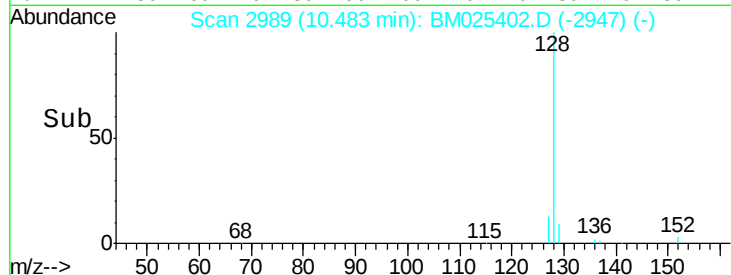
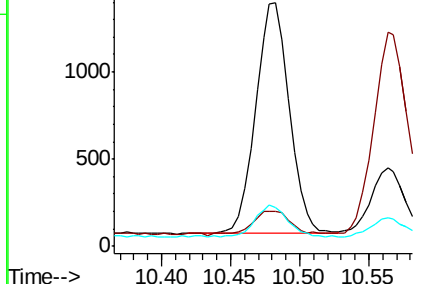
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.068 ng/ul

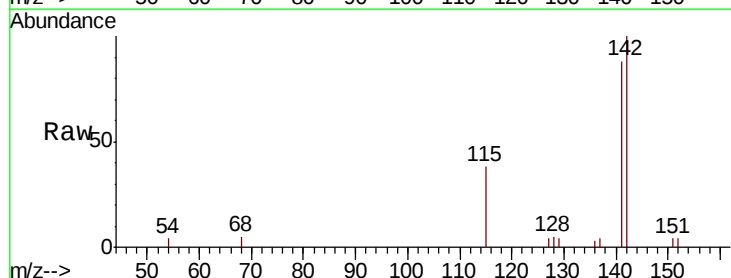
RT: 12.10 min Scan# 3349

Delta R.T. -0.01 min

Lab File: BM025402.D

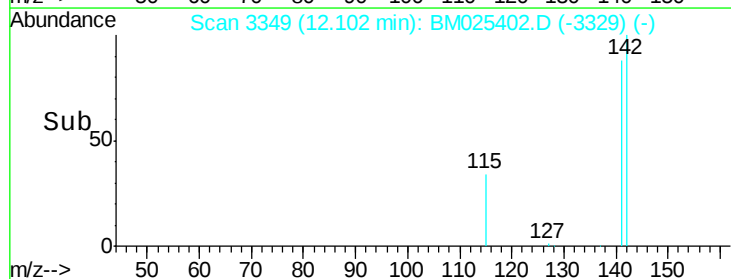
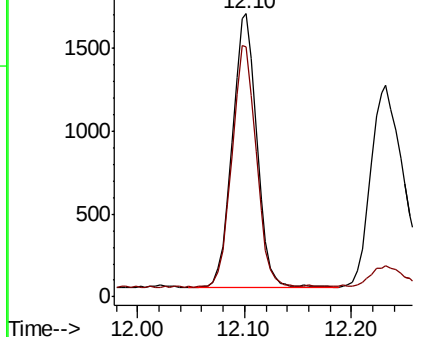
Acq: 09 Mar 2020 01:44

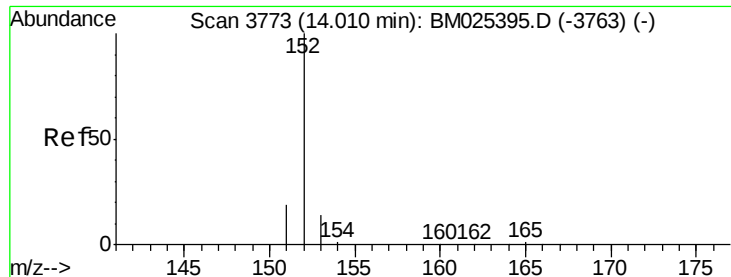
Tgt Ion:142	Resp:	2624
Ion Ratio	Lower	Upper
142	100	
141	88.5	69.8 104.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.042 ng/ul

RT: 14.01 min Scan# 3773

Delta R.T. -0.01 min

Lab File: BM025402.D

Acq: 09 Mar 2020 01:44

Instrument :

BNA_M

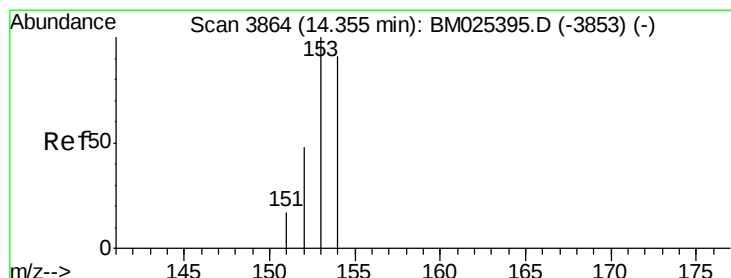
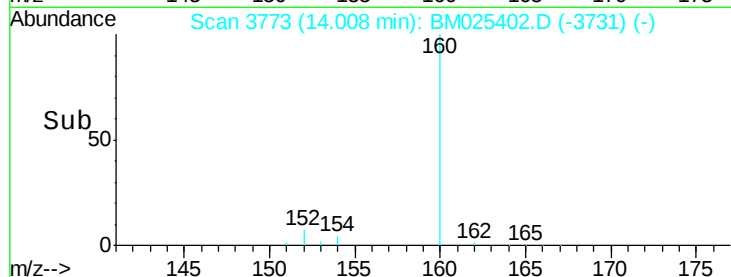
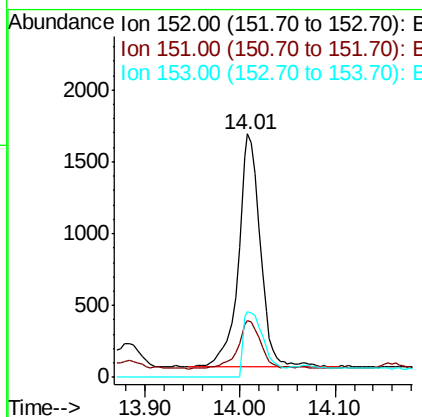
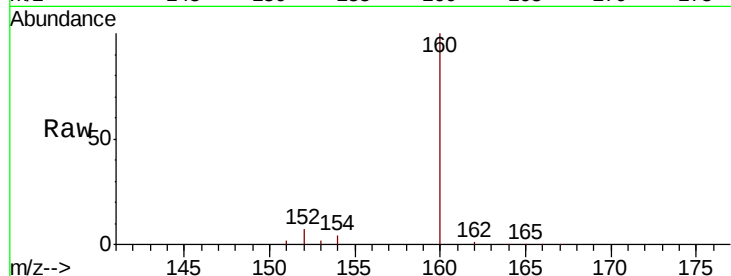
ClientSampleId :

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Tot Ion:	152	Resp:	2624
Ion Ratio	Lower	Upper	
152	100		
151	23.1	17.8	26.8
153	26.9	13.3	19.9#

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#8

Acenaphthene

Concen: 2.328 ng/ul

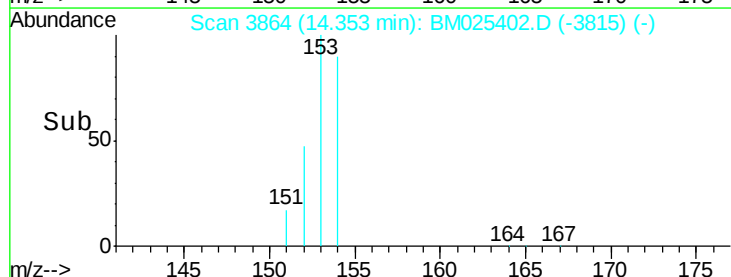
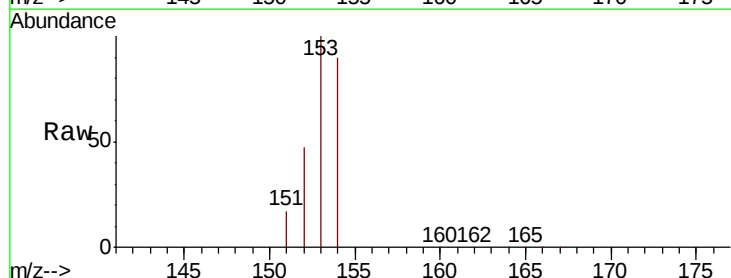
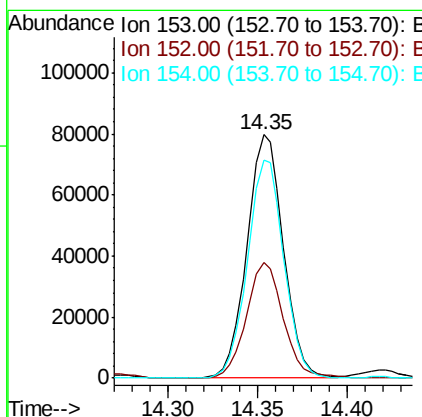
RT: 14.35 min Scan# 3864

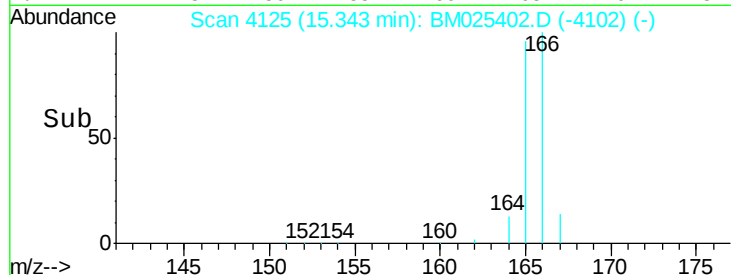
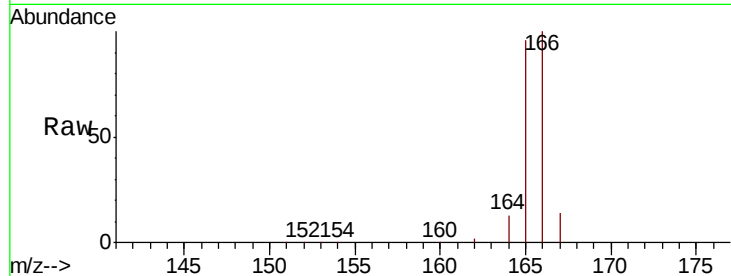
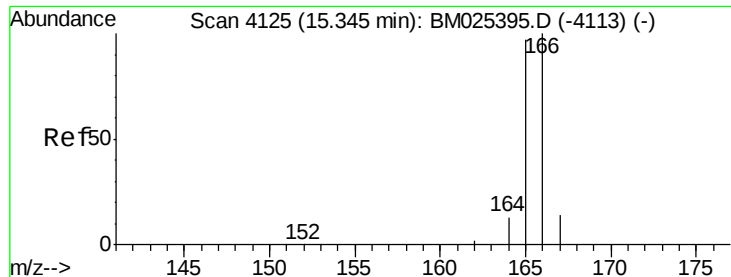
Delta R.T. -0.01 min

Lab File: BM025402.D

Acq: 09 Mar 2020 01:44

Tgt Ion:	153	Resp:	112826
Ion Ratio	Lower	Upper	
153	100		
152	47.5	40.0	60.0
154	89.6	71.0	106.6





#9

Fluorene

Concen: 3.405 ng/ul

RT: 15.34 min Scan# 4125

Delta R.T. -0.01 min

Lab File: BM025402.D

Acq: 09 Mar 2020 01:44

Tot Ion:	166	Resp:	206874
Ion Ratio	Lower	Upper	
166	100		
165	96.2	80.0	120.0
167	13.7	13.7	20.5

Instrument :

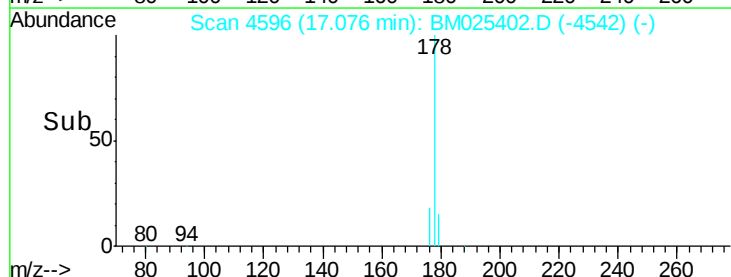
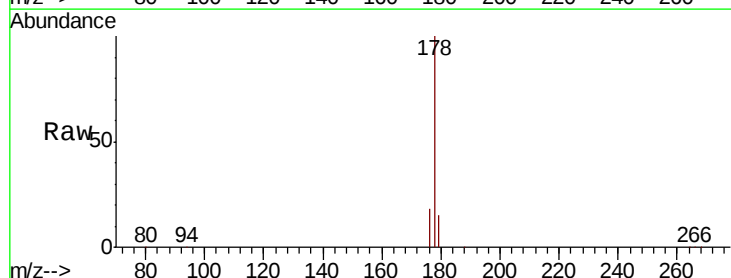
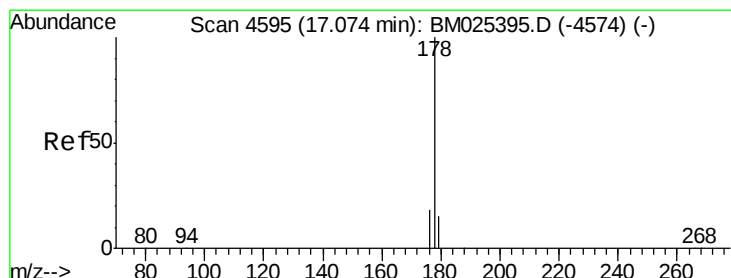
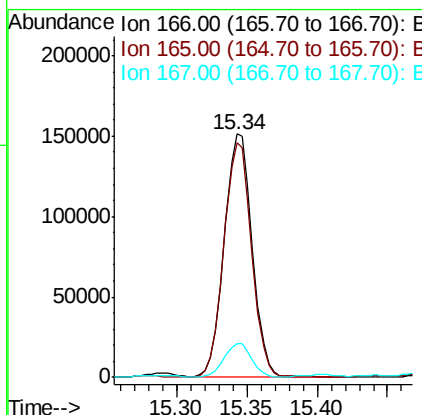
BNA_M

ClientSampleId :

DBDT3

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#12

Phenanthrene

Concen: 8.551 ng/ul

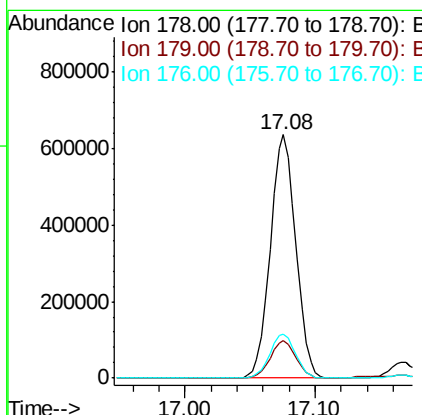
RT: 17.08 min Scan# 4596

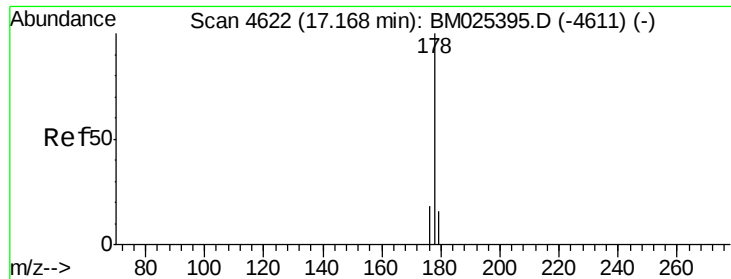
Delta R.T. -0.01 min

Lab File: BM025402.D

Acq: 09 Mar 2020 01:44

Tgt Ion:	178	Resp:	857148
Ion Ratio	Lower	Upper	
178	100		
179	15.4	14.0	21.0
176	18.2	16.6	24.8





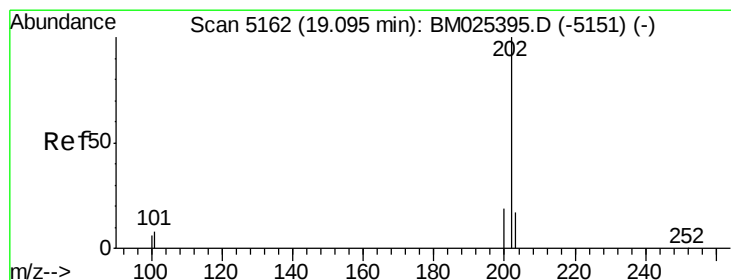
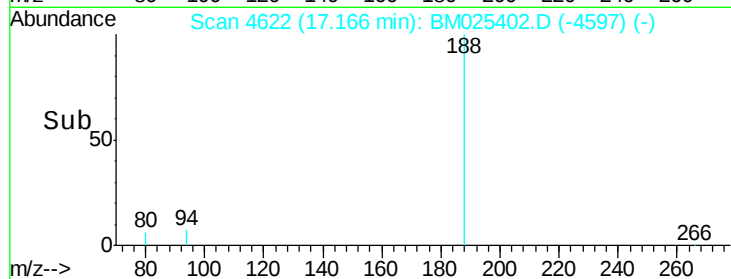
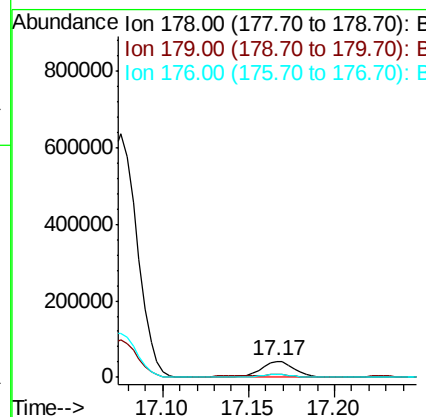
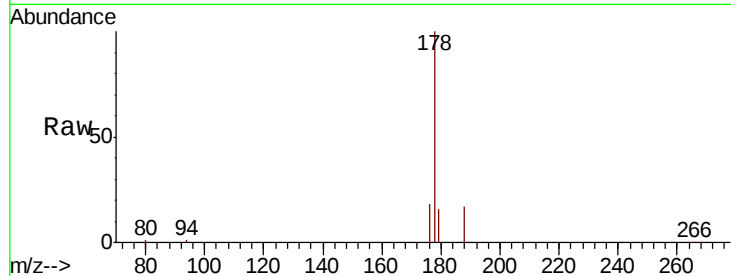
#13
 Anthracene
 Concen: 0.635 ng/ul
 RT: 17.17 min Scan# 4622
 Delta R.T. -0.01 min
 Lab File: BM025402.D
 Acq: 09 Mar 2020 01:44

Instrument :
 BNA_M
 ClientSampleId :
 DBDT3

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.6	14.1	21.1
176	17.8	16.2	24.4

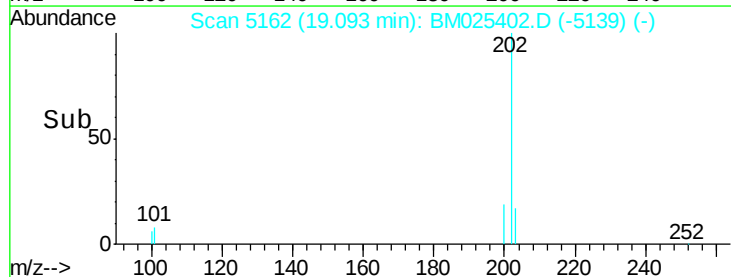
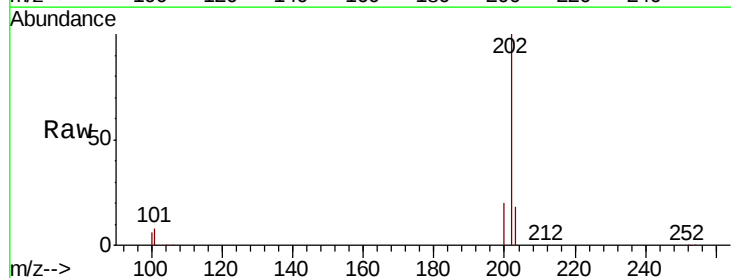
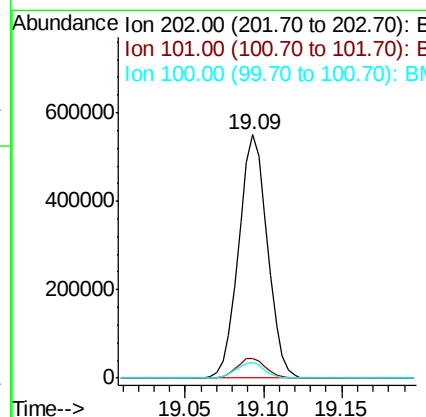
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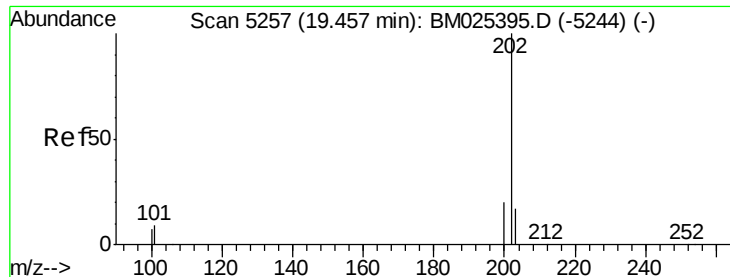
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#15
 Fluoranthene
 Concen: 5.571 ng/ul
 RT: 19.09 min Scan# 5162
 Delta R.T. -0.01 min
 Lab File: BM025402.D
 Acq: 09 Mar 2020 01:44

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.1	0.0	29.4
100	6.2	0.0	28.0





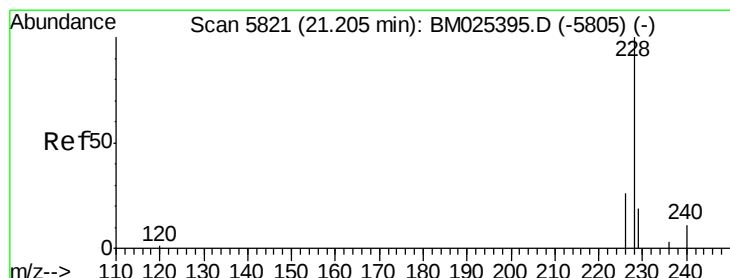
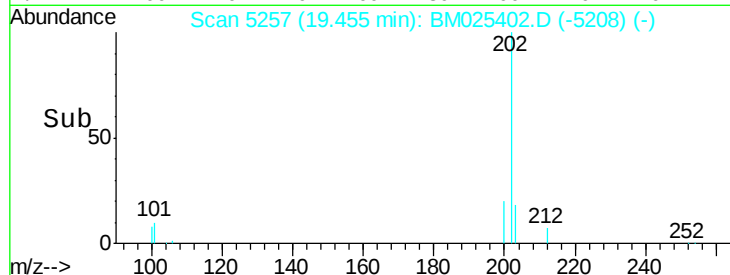
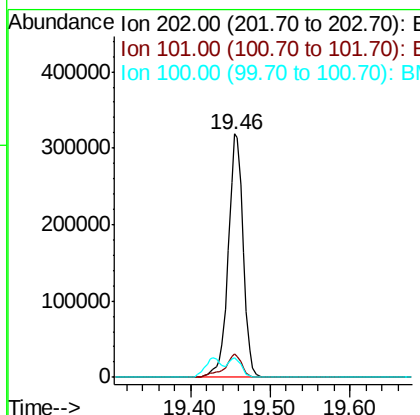
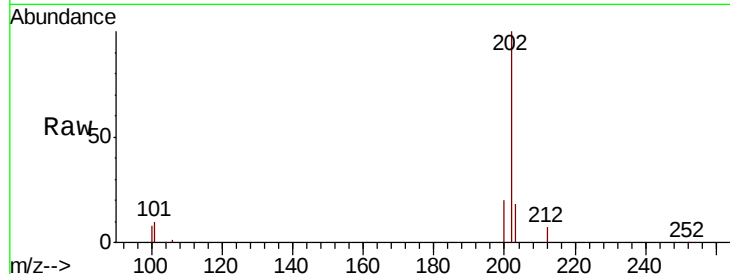
#17
Pvrene
Concen: 3.773 ng/ul
RT: 19.46 min Scan# 5257
Delta R.T. -0.01 min
Lab File: BM025402.D
Acq: 09 Mar 2020 01:44

Instrument :
BNA_M
ClientSampleId :
DBDT3

Tot Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	9.8	8.7	13.1
100	8.1	7.3	10.9

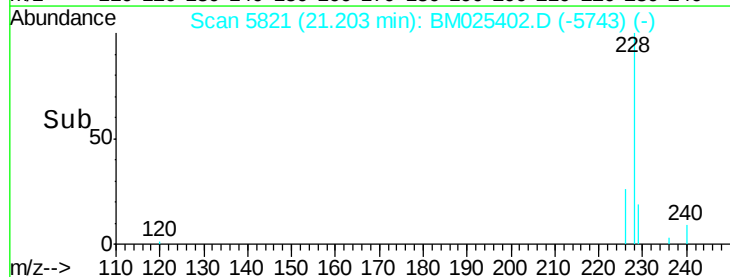
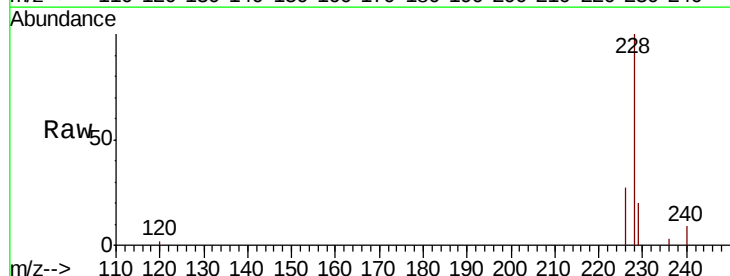
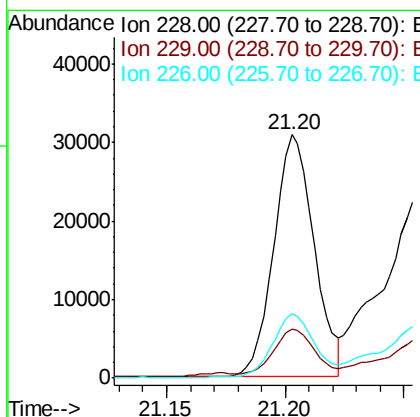
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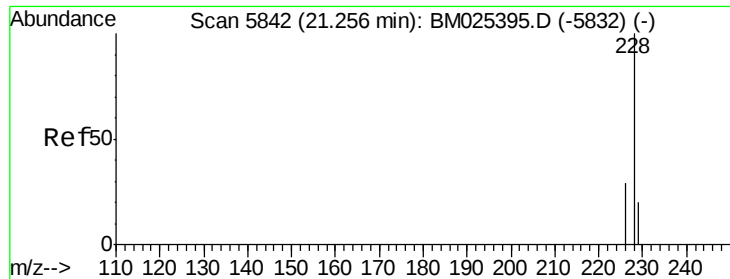
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#18
Benzo(a)anthracene
Concen: 0.346 ng/ul
RT: 21.20 min Scan# 5821
Delta R.T. -0.01 min
Lab File: BM025402.D
Acq: 09 Mar 2020 01:44

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	19.9	16.6	25.0
226	26.7	21.9	32.9





#19

Chrysene

Concen: 0.317 ng/ul

RT: 21.25 min Scan# 5842

Delta R.T. -0.01 min

Lab File: BM025402.D

Acq: 09 Mar 2020 01:44

Instrument :

BNA_M

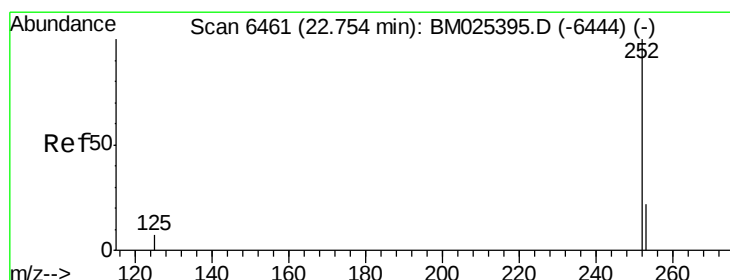
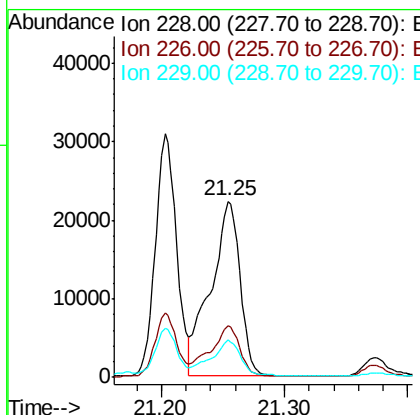
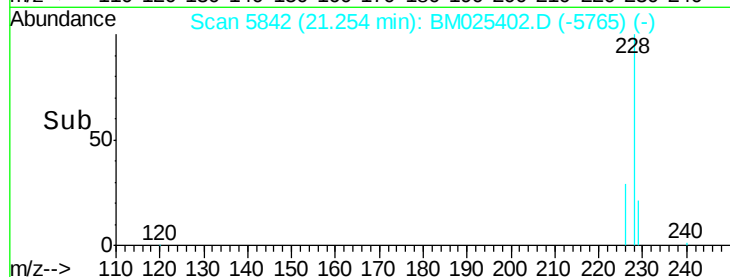
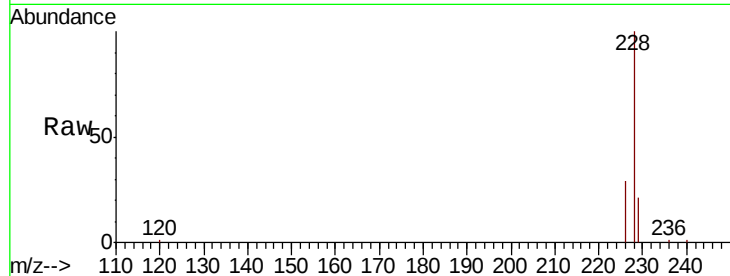
ClientSampleId :

DBDT3

Tot Ion:228	Resp:	36925
Ion Ratio	Lower	Upper
228 100		
226 29.1	23.8	35.8
229 21.0	16.9	25.3

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#21

Benzo(b)fluoranthene

Concen: 0.290 ng/ul m

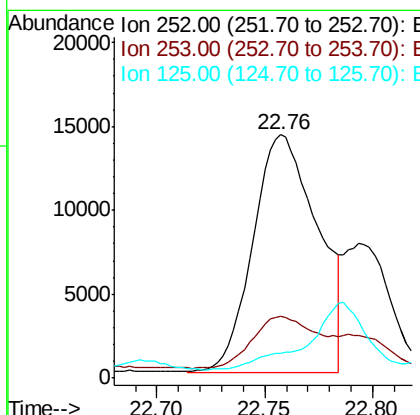
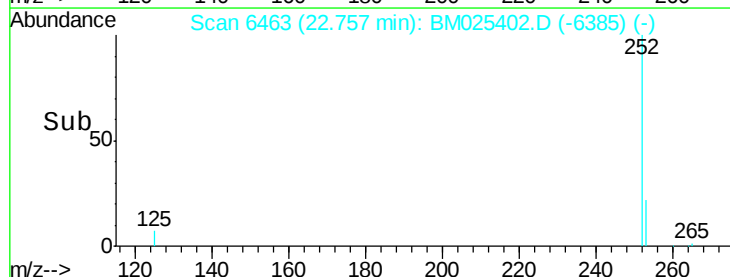
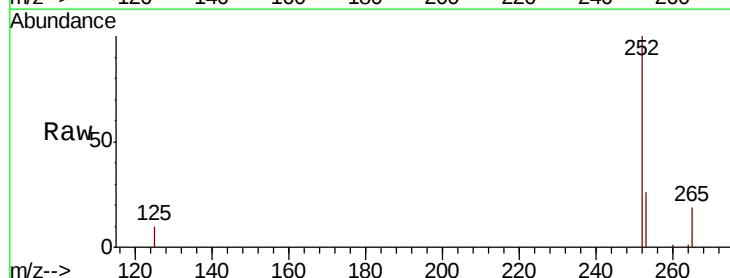
RT: 22.76 min Scan# 6463

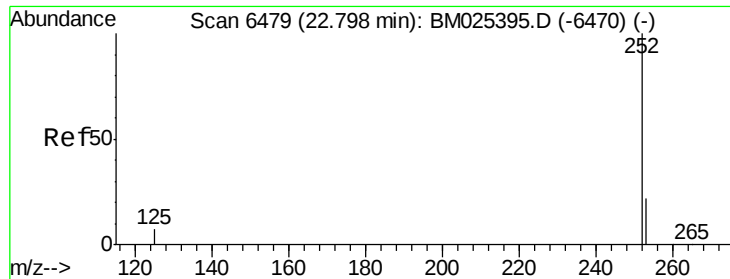
Delta R.T. -0.01 min

Lab File: BM025402.D

Acq: 09 Mar 2020 01:44

Tgt Ion:252	Resp:	29594
Ion Ratio	Lower	Upper
252 100		
253 25.6	0.0	49.8
125 10.4	0.0	28.6





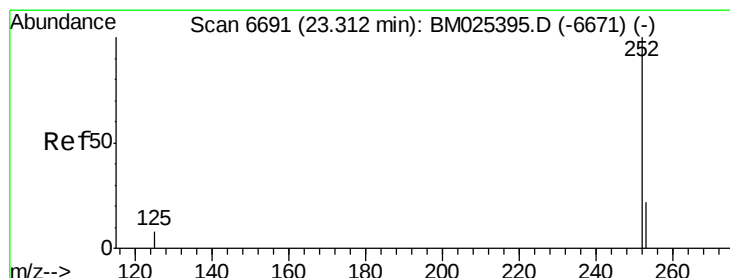
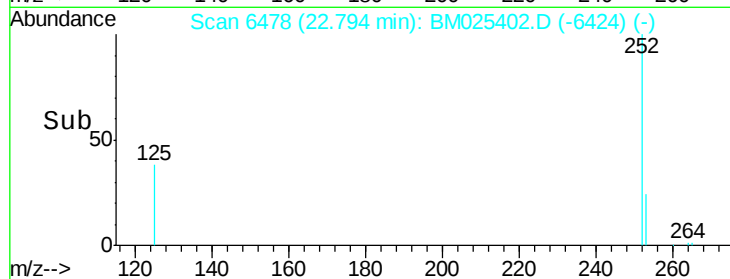
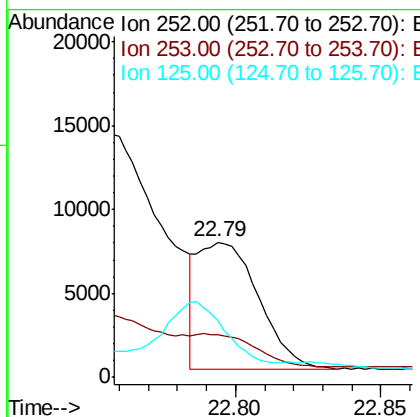
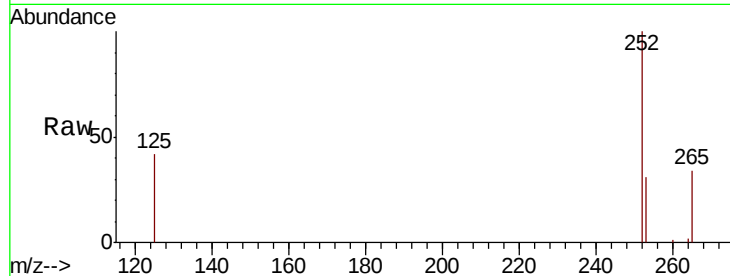
#22
Benzo(k)fluoranthene
Concen: 0.105 ng/ul m
RT: 22.79 min Scan# 6478
Delta R.T. -0.02 min
Lab File: BM025402.D
Acq: 09 Mar 2020 01:44

Instrument :
BNA_M
ClientSampleId :
DBDT3

Tot Ion	Ratio	Lower	Upper
252	100		
253	31.3	19.4	29.0#
125	42.2	10.7	16.1#

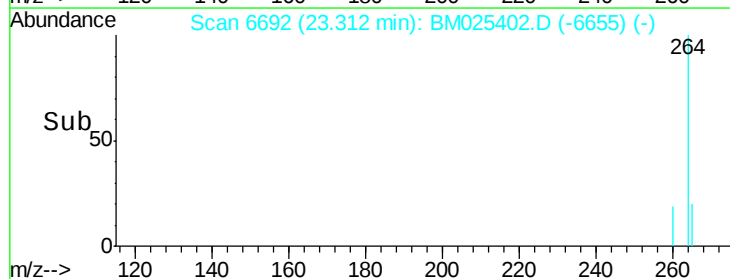
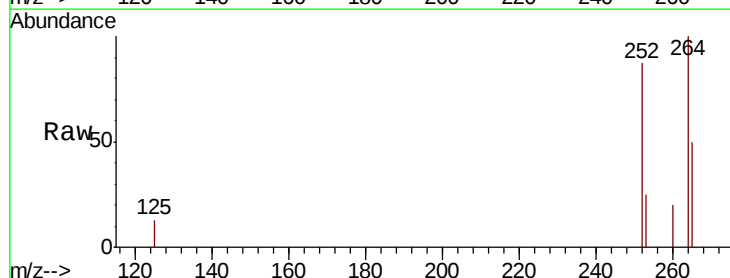
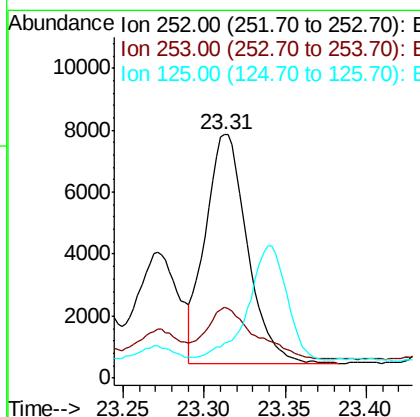
Manual Integrations
APPROVED

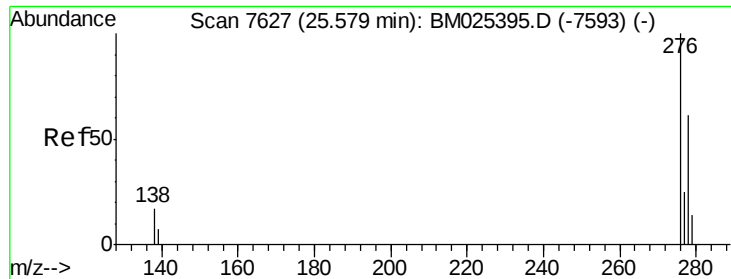
mohammad
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#23
Benzo(a)pyrene
Concen: 0.156 ng/ul
RT: 23.31 min Scan# 6692
Delta R.T. -0.01 min
Lab File: BM025402.D
Acq: 09 Mar 2020 01:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.8	20.3	30.5
125	14.5	13.0	19.4





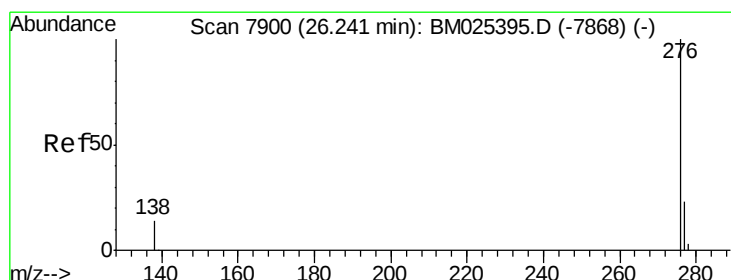
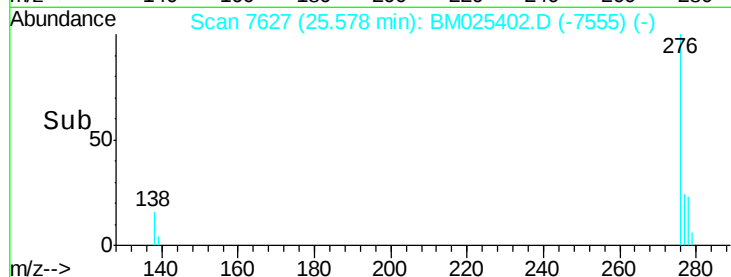
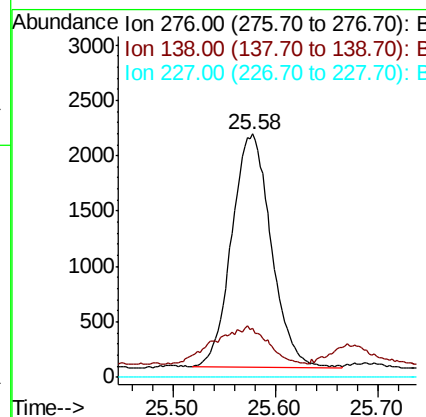
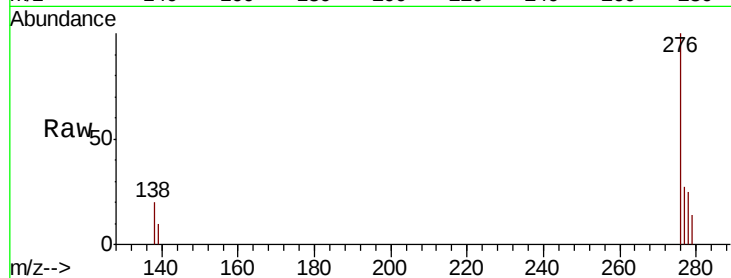
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.052 ng/uL
RT: 25.58 min Scan# 7627
Delta R.T. -0.03 min
Lab File: BM025402.D
Acq: 09 Mar 2020 01:44

Instrument :
BNA_M
ClientSampleId :
DBDT3

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.4	0.0	0.0#
227	0.0	0.0	0.0

Manual Integrations
APPROVED

mohammad
3/9/2020 3:04:07 PM



#26
Benzo(g,h,i)perylene
Concen: 0.044 ng/uL
RT: 26.24 min Scan# 7900
Delta R.T. -0.02 min
Lab File: BM025402.D
Acq: 09 Mar 2020 01:44

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.4	17.9	26.9
277	30.2	20.5	30.7

