

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030320\
 Data File : BM025302.D
 Acq On : 06 Mar 2020 00:58
 Operator : CG/JU
 Sample : L1568-06
 Misc :
 ALS Vial : 99 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBDA9

Manual Integrations
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mohammad
 3/6/2020 10:15:23 PM

Quant Time: Mar 06 03:34:14 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	4052	0.40	ng/ul	0.00
2) Naphthalene-d8	10.44	136	17884	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	13461	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	32086m	0.40	ng/ul	0.00
16) Chrysene-d12	21.22	240	28692	0.40	ng/ul	0.00
20) Perylene-d12	23.42	264	24961	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	7136	0.21	ng/ul	0.00
14) Fluoranthene-d10	19.07	212	23863	0.23	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.49	128	1762	0.033	ng/ul	94
8) Acenaphthene	14.36	153	6330	0.129	ng/ul	98
9) Fluorene	15.35	166	1815	0.030	ng/ul	95
12) Phenanthrene	17.08	178	3057	0.030	ng/ul	98
13) Anthracene	17.17	178	2653	0.029	ng/ul#	96
15) Fluoranthene	19.10	202	23013	0.178	ng/ul	97
17) Pyrene	19.46	202	40599m	0.373	ng/ul	
18) Benzo(a)anthracene	21.21	228	18039	0.171	ng/ul	98
19) Chrysene	21.26	228	34722	0.300	ng/ul	99
21) Benzo(b)fluoranthene	22.76	252	40137m	0.402	ng/ul	
22) Benzo(k)fluoranthene	22.80	252	14325m	0.137	ng/ul	
23) Benzo(a)pyrene	23.32	252	16624	0.198	ng/ul#	93
24) Indeno(1,2,3-cd)pyrene	25.59	276	8636	0.083	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.60	278	2375	0.027	ng/ul#	66
26) Benzo(g,h,i)perylene	26.25	276	4801	0.054	ng/ul	95

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

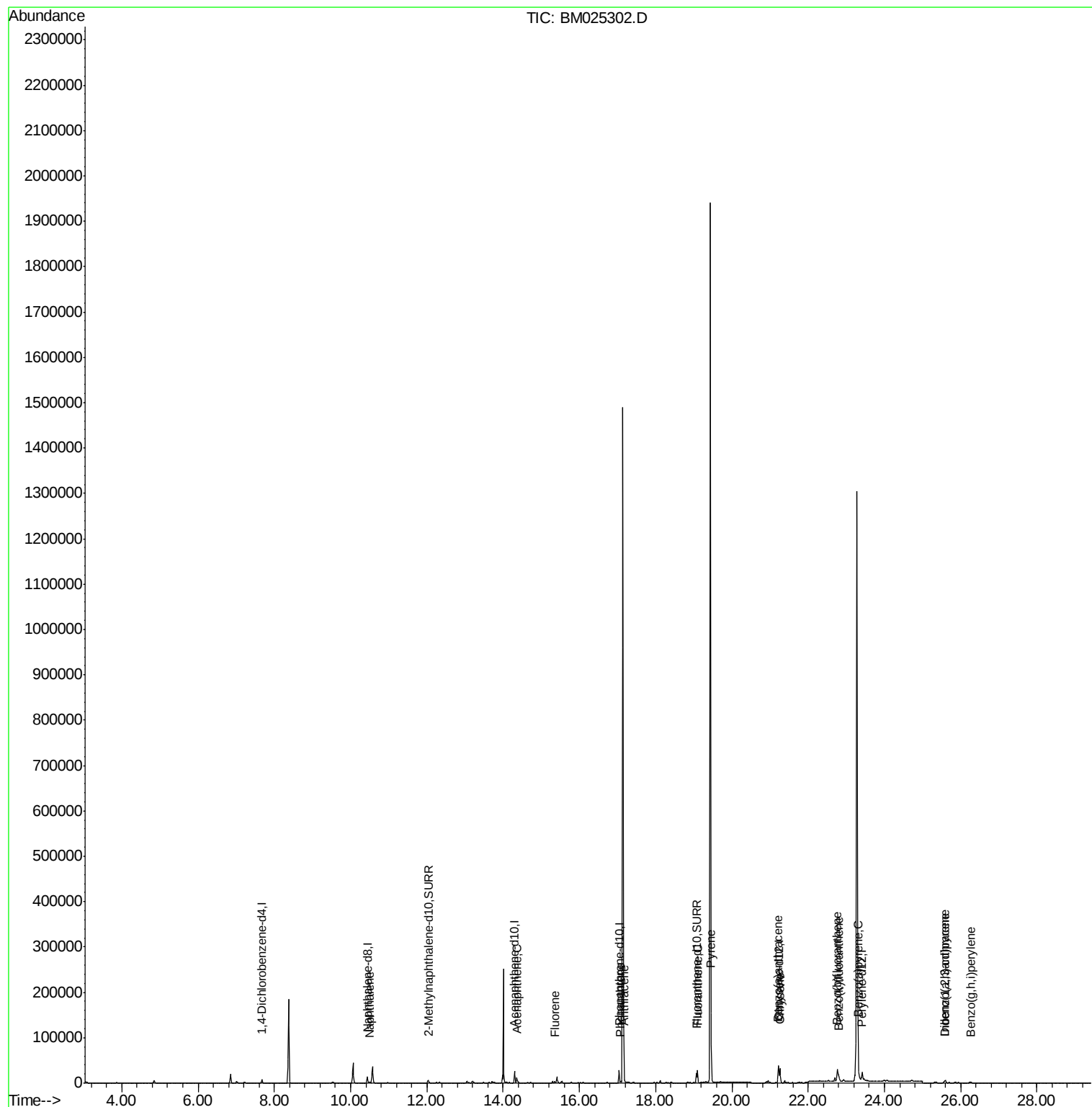
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030320\
Data File : BM025302.D
Acq On : 06 Mar 2020 00:58
Operator : CG/JU
Sample : L1568-06
Misc :
ALS Vial : 99 Sample Multiplier: 1

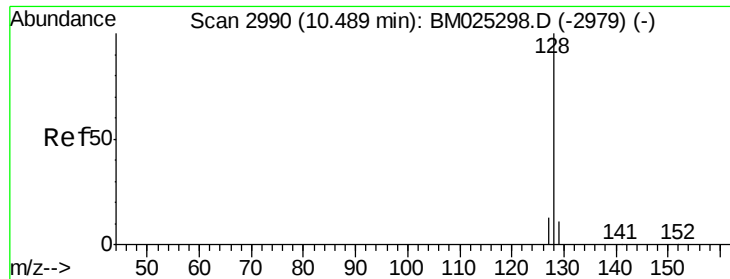
Instrument :
BNA_M
ClientSampleId :
DBDA9

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Quant Time: Mar 06 03:34:14 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





#3

Naphthalene

Concen: 0.033 ng/ul

RT: 10.49 min Scan# 2990

Delta R.T. -0.01 min

Lab File: BM025302.D

Acq: 06 Mar 2020 00:58

Instrument :

BNA_M

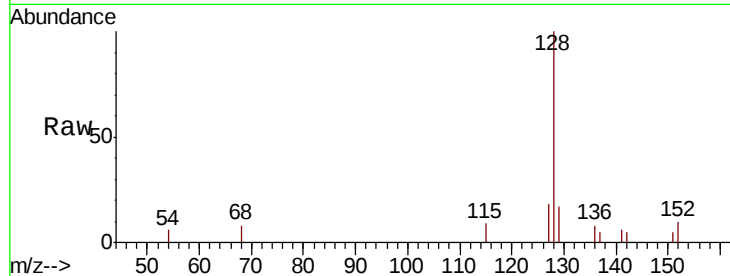
ClientSampled :

DBDA9

Tot Ion:128	Resp:	1762
Ion Ratio	Lower	Upper
128	100	
129	17.4	17.0 25.6
127	17.9	15.7 23.5

Manual Integrations
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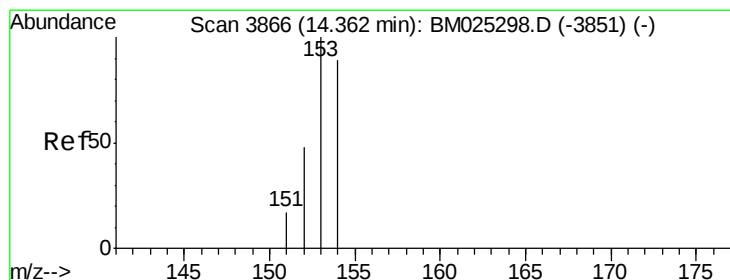
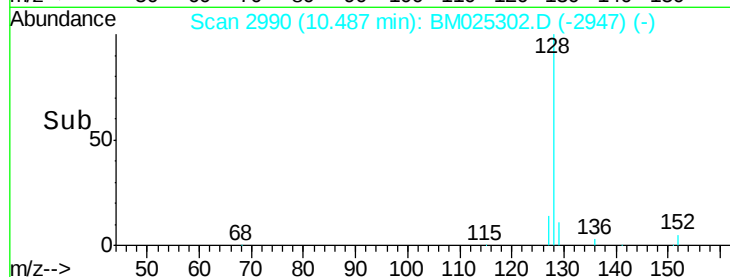
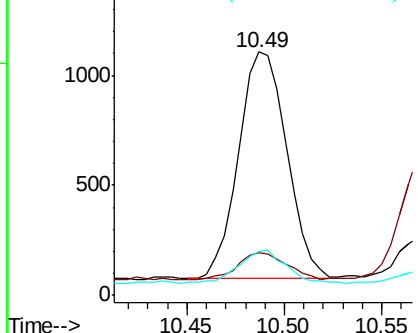
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#8

Acenaphthene

Concen: 0.129 ng/ul

RT: 14.36 min Scan# 3866

Delta R.T. -0.01 min

Lab File: BM025302.D

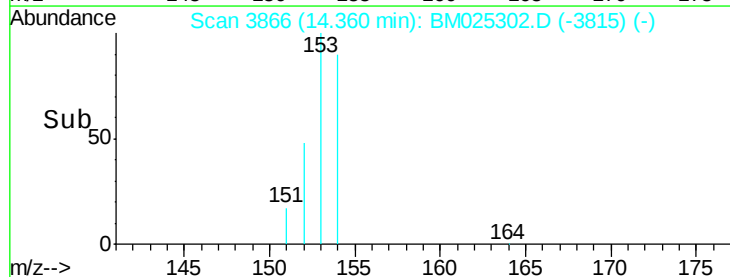
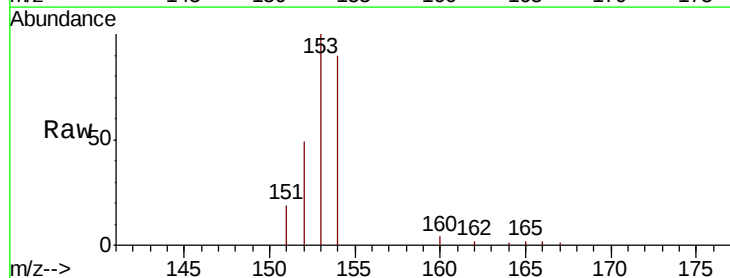
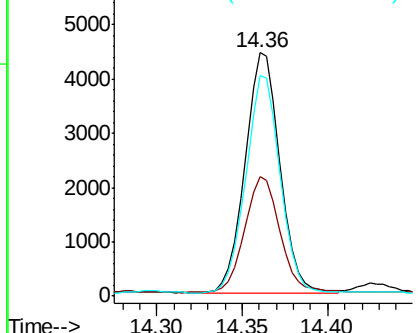
Acq: 06 Mar 2020 00:58

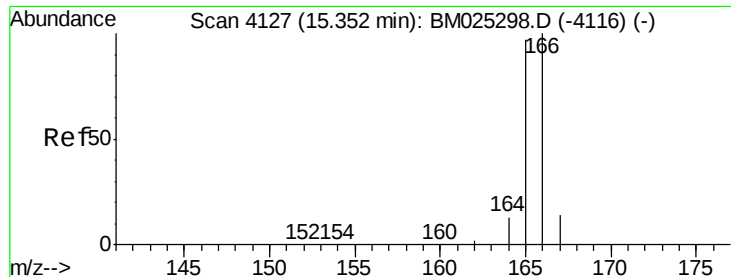
Tgt Ion:153	Resp:	6330
Ion Ratio	Lower	Upper
153	100	
152	48.9	40.0 60.0
154	90.4	71.0 106.6

Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





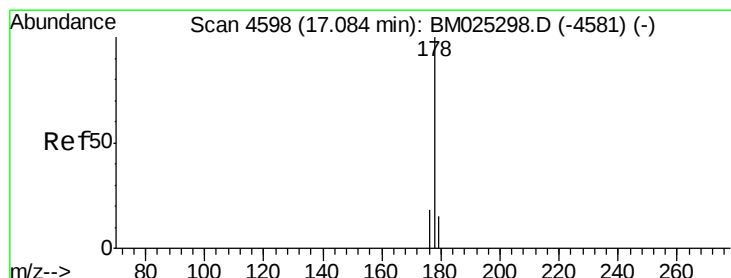
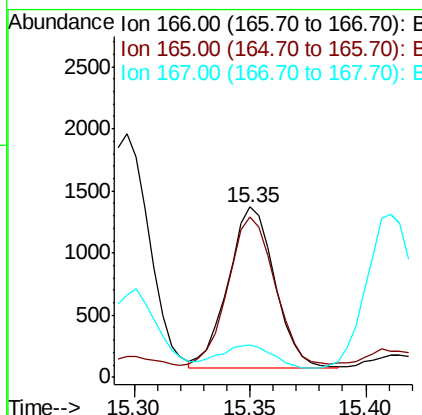
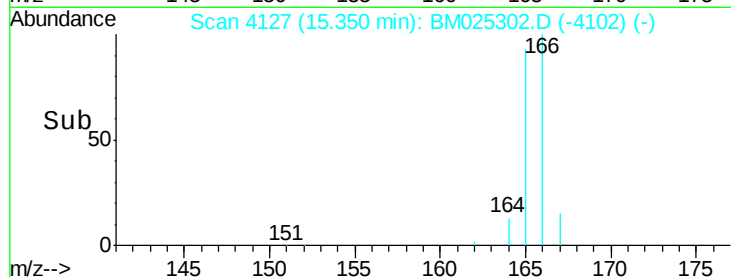
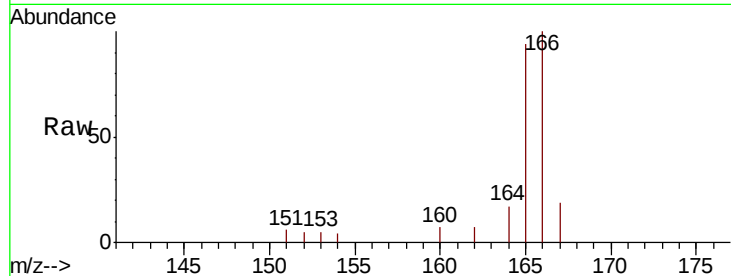
#9
Fluorene
 Concen: 0.030 ng/ul
 RT: 15.35 min Scan# 4127
 Delta R.T. -0.01 min
 Lab File: BM025302.D
 Acq: 06 Mar 2020 00:58

Instrument :
 BNA_M
 ClientSampleID :
 DBDA9

Tot Ion:	166	Resp:	1815
Ion	Ratio	Lower	Upper
166	100		
165	94.5	80.0	120.0
167	19.2	13.7	20.5

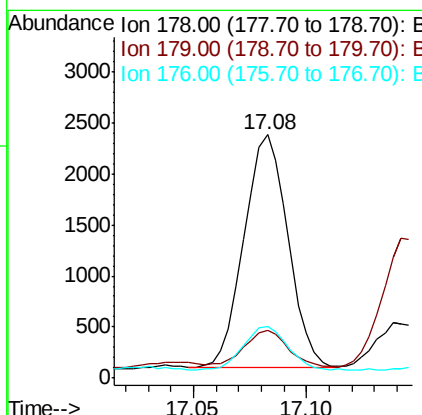
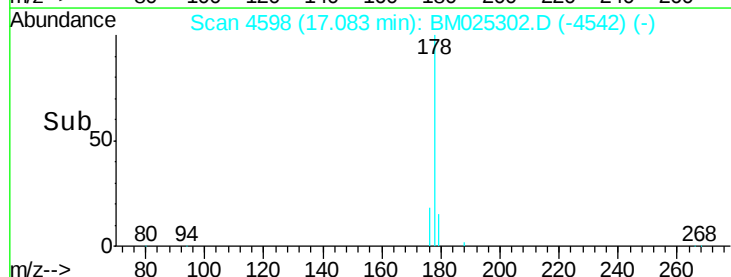
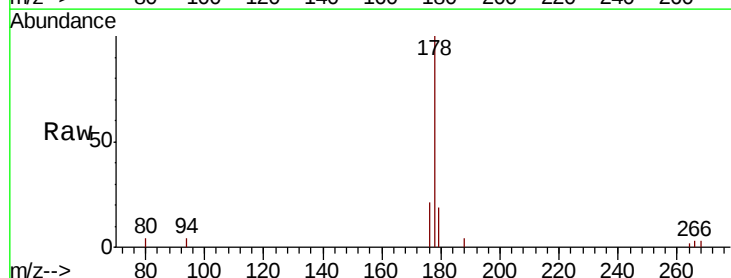
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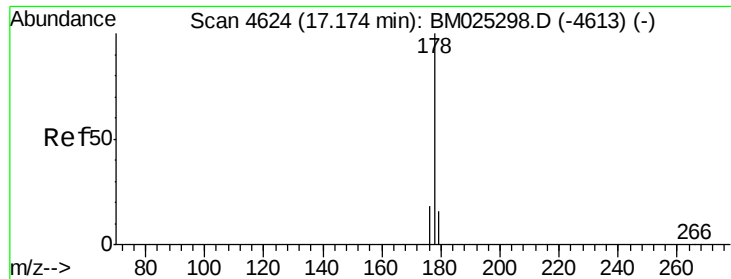
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#12
Phenanthrene
 Concen: 0.030 ng/ul
 RT: 17.08 min Scan# 4598
 Delta R.T. -0.01 min
 Lab File: BM025302.D
 Acq: 06 Mar 2020 00:58

Tgt Ion:	178	Resp:	3057
Ion	Ratio	Lower	Upper
178	100		
179	19.4	14.0	21.0
176	21.0	16.6	24.8





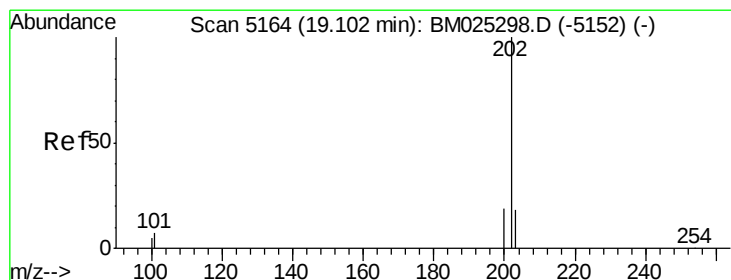
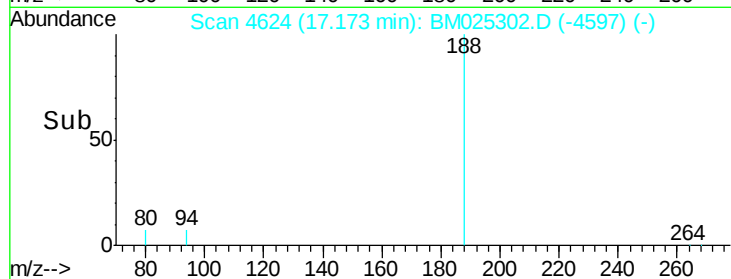
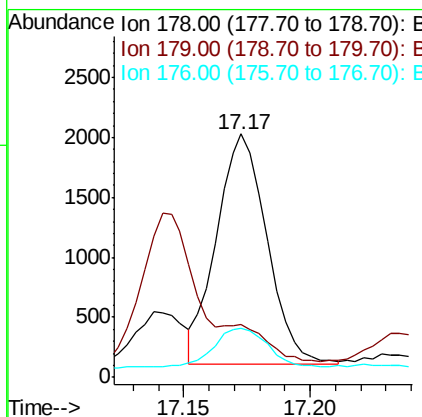
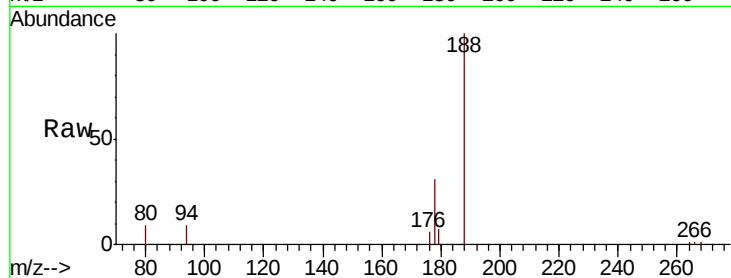
#13
 Anthracene
 Concen: 0.029 ng/ul
 RT: 17.17 min Scan# 4624
 Delta R.T. -0.01 min
 Lab File: BM025302.D
 Acq: 06 Mar 2020 00:58

Instrument :
 BNA_M
 ClientSampled :
 DBDA9

Tot Ion	Ratio	Lower	Upper
178	100		
179	21.5	14.1	21.1#
176	20.1	16.2	24.4

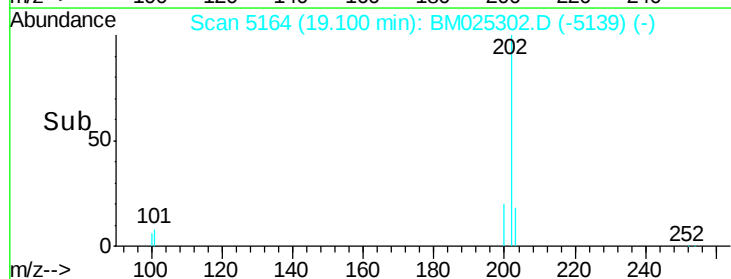
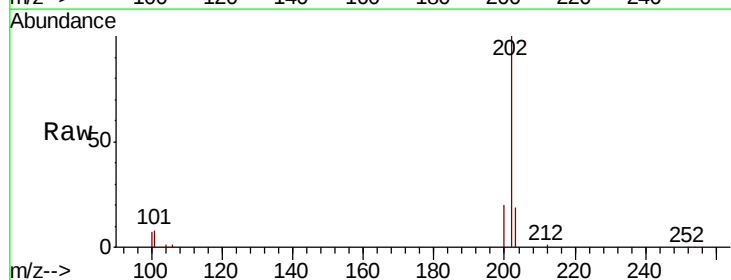
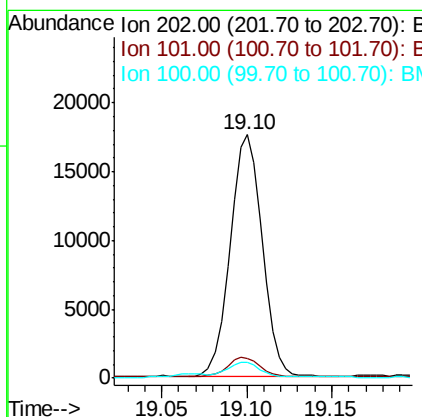
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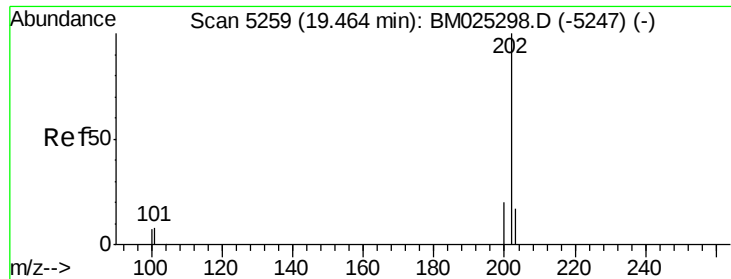
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#15
 Fluoranthene
 Concen: 0.178 ng/ul
 RT: 19.10 min Scan# 5164
 Delta R.T. -0.01 min
 Lab File: BM025302.D
 Acq: 06 Mar 2020 00:58

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.3	0.0	29.4
100	6.7	0.0	28.0





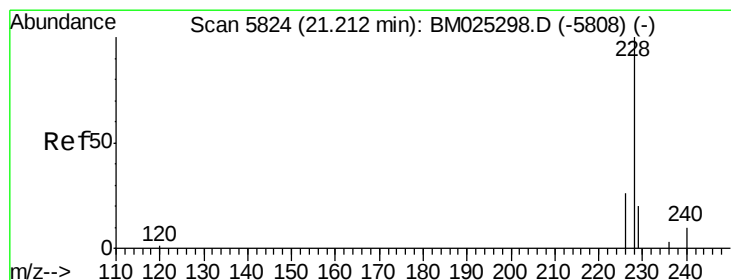
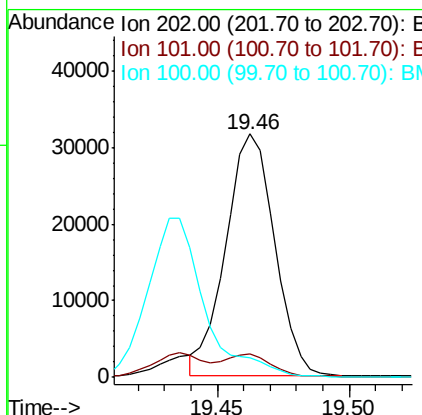
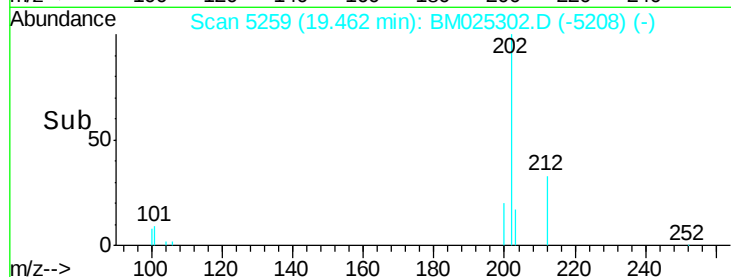
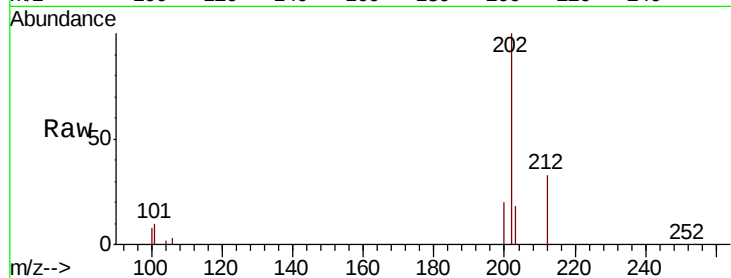
#17
Pvrene
Concen: 0.373 ng/ul m
RT: 19.46 min Scan# 5259
Delta R.T. -0.01 min
Lab File: BM025302.D
Acq: 06 Mar 2020 00:58

Instrument :
BNA_M
ClientSampleId :
DBDA9

Tot Ion:	202	Resp:	40599
Ion Ratio	Lower	Upper	
202	100		
101	9.6	8.7	13.1
100	8.2	7.3	10.9

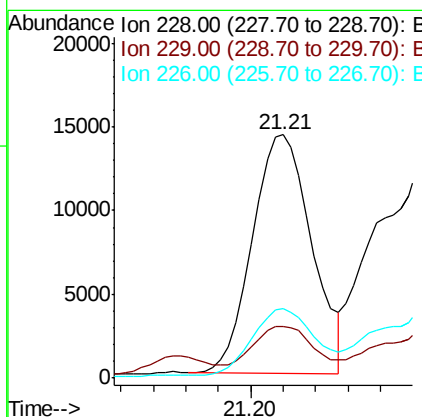
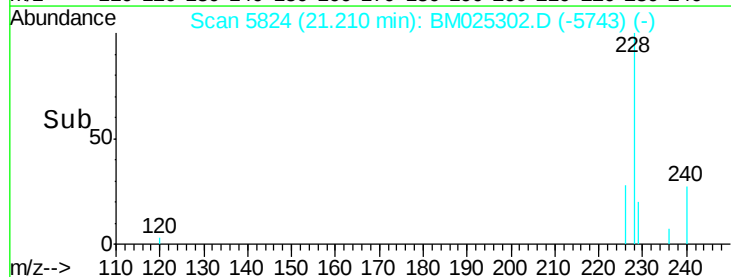
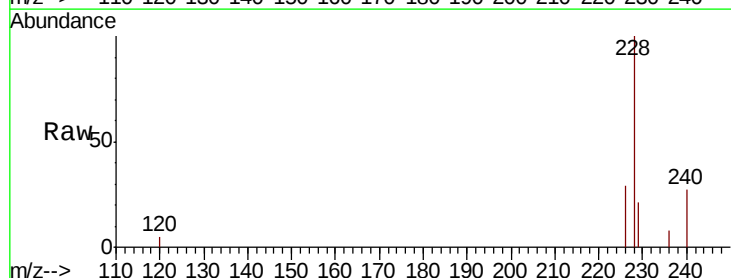
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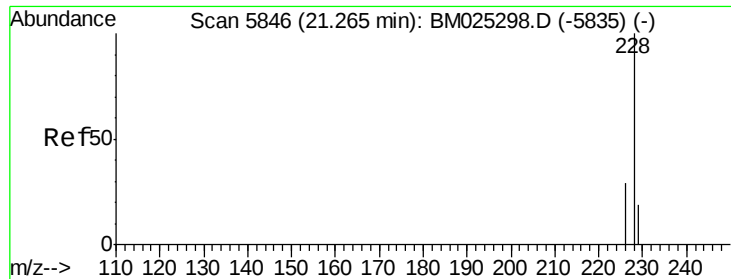
mohammad
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#18
Benzo(a)anthracene
Concen: 0.171 ng/ul
RT: 21.21 min Scan# 5824
Delta R.T. -0.00 min
Lab File: BM025302.D
Acq: 06 Mar 2020 00:58

Tgt Ion:	228	Resp:	18039
Ion Ratio	Lower	Upper	
228	100		
229	21.4	16.6	25.0
226	28.6	21.9	32.9





#19

Chrysene

Concen: 0.300 ng/ul

RT: 21.26 min Scan# 5845

Delta R.T. -0.01 min

Lab File: BM025302.D

Acq: 06 Mar 2020 00:58

Instrument :

BNA_M

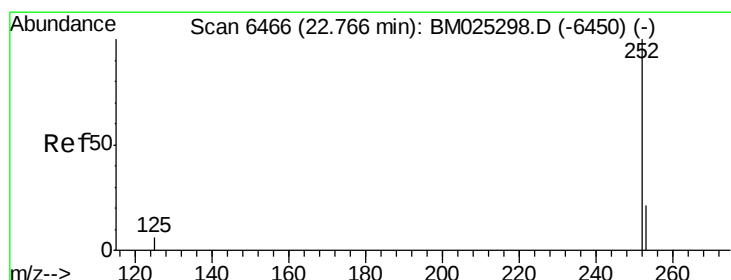
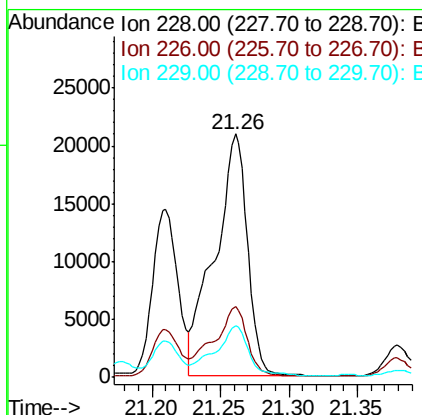
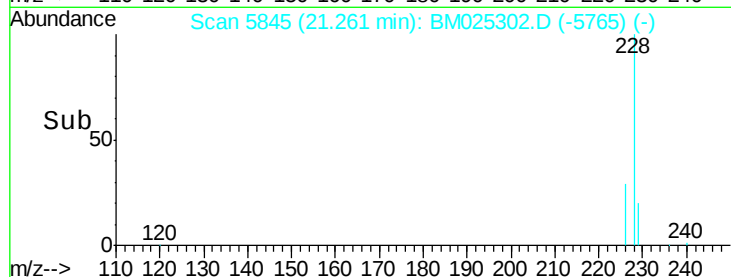
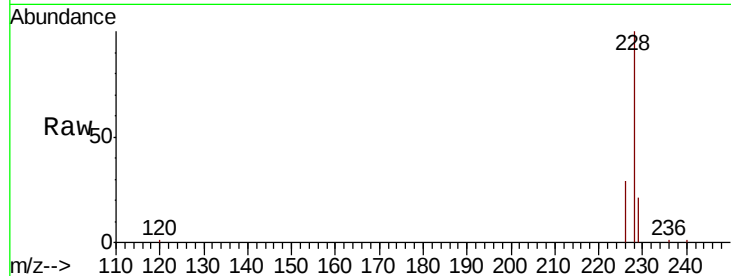
ClientSampled :

DBDA9

Tot Ion:228	Resp:	34722
Ion Ratio	Lower	Upper
228 100		
226 29.3	23.8	35.8
229 21.1	16.9	25.3

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#21

Benzo(b)fluoranthene

Concen: 0.402 ng/ul m

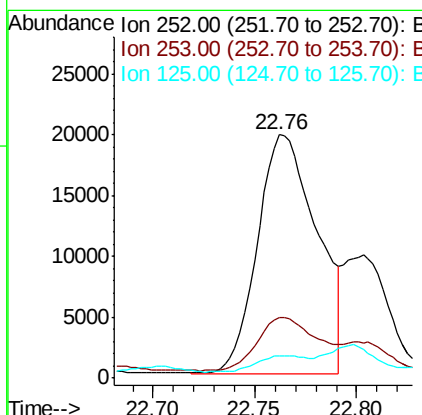
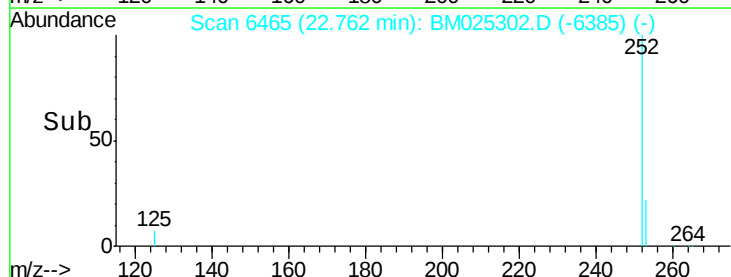
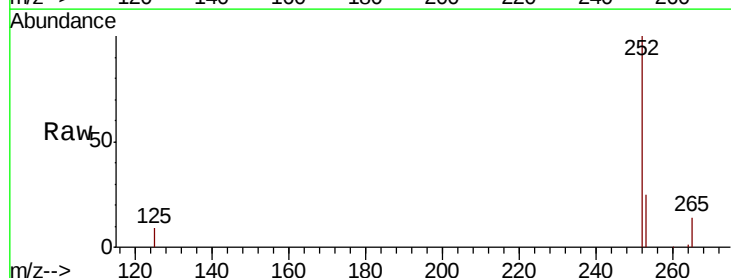
RT: 22.76 min Scan# 6465

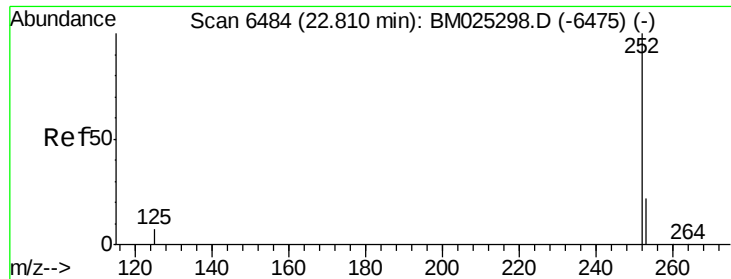
Delta R.T. -0.01 min

Lab File: BM025302.D

Acq: 06 Mar 2020 00:58

Tgt Ion:252	Resp:	40137
Ion Ratio	Lower	Upper
252 100		
253 24.6	0.0	49.8
125 9.4	0.0	28.6





#22

Benzo(k)fluoranthene

Concen: 0.137 ng/ul

RT: 22.80 min Scan# 6482

Delta R.T. -0.01 min

Lab File: BM025302.D

Acq: 06 Mar 2020 00:58

Instrument :

BNA_M

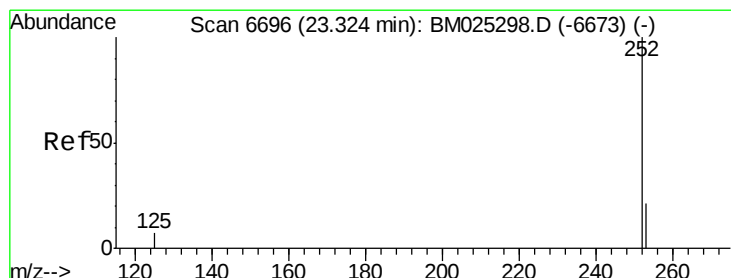
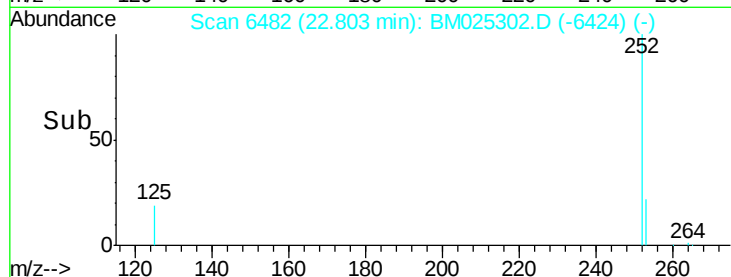
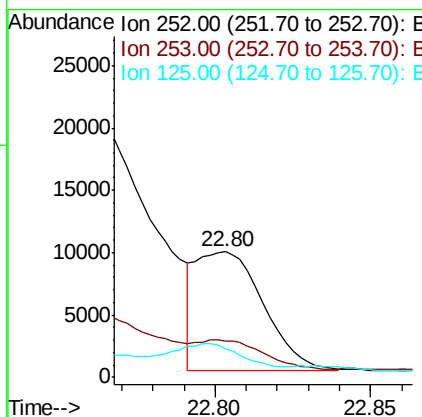
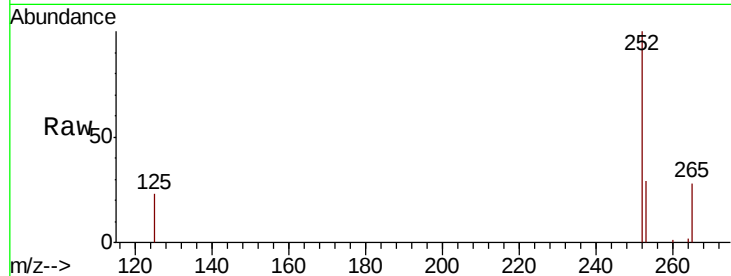
ClientSampled :

DBDA9

Tot Ion	Ratio	Lower	Upper
252	100		
253	28.7	19.4	29.0
125	23.2	10.7	16.1

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#23

Benzo(a)pyrene

Concen: 0.198 ng/ul

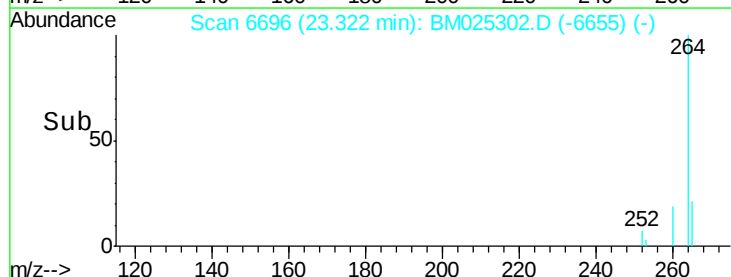
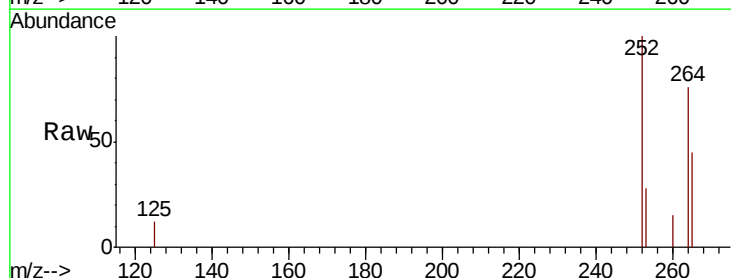
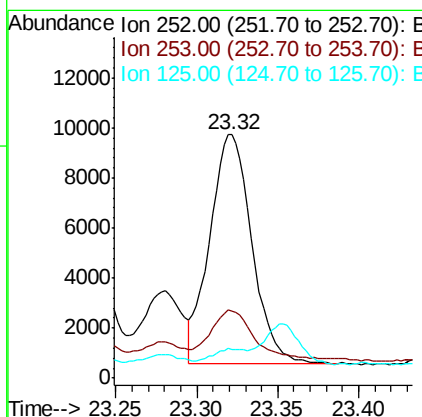
RT: 23.32 min Scan# 6696

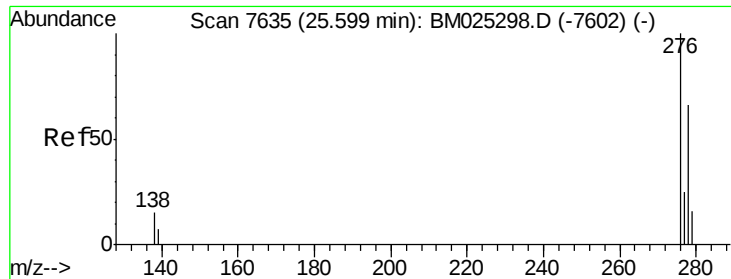
Delta R.T. -0.00 min

Lab File: BM025302.D

Acq: 06 Mar 2020 00:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.6	20.3	30.5
125	11.7	13.0	19.4





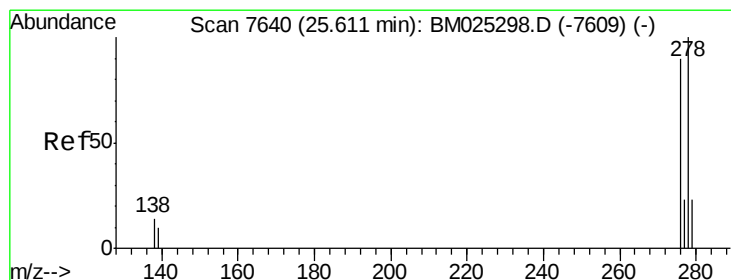
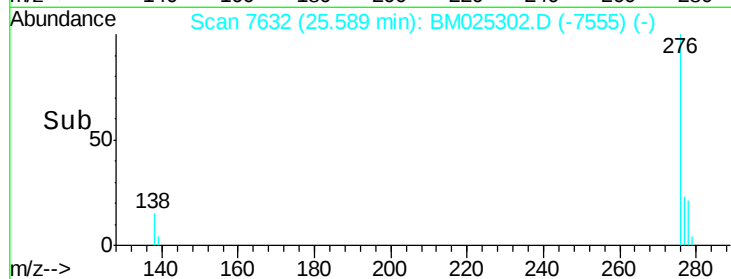
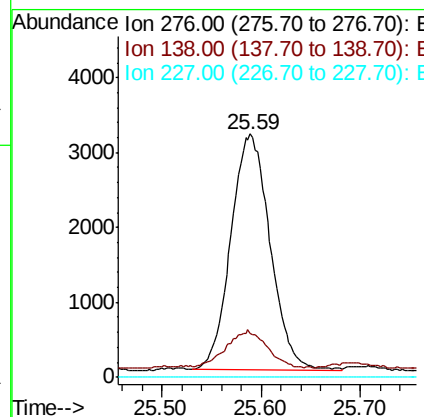
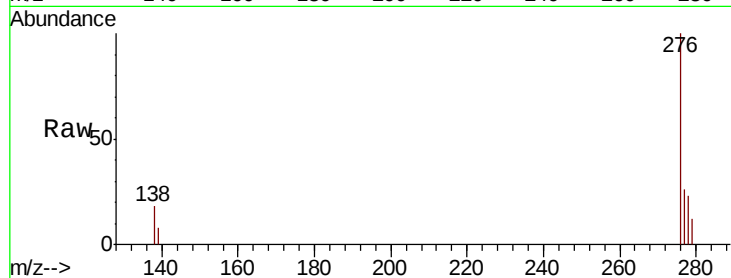
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.083 ng/u1
RT: 25.59 min Scan# 7632
Delta R.T. -0.01 min
Lab File: BM025302.D
Acq: 06 Mar 2020 00:58

Instrument :
BNA_M
ClientSampleId :
DBDA9

Tot Ion	Ratio	Lower	Upper
276	100		
138	16.0	0.0	0.0#
227	0.0	0.0	0.0

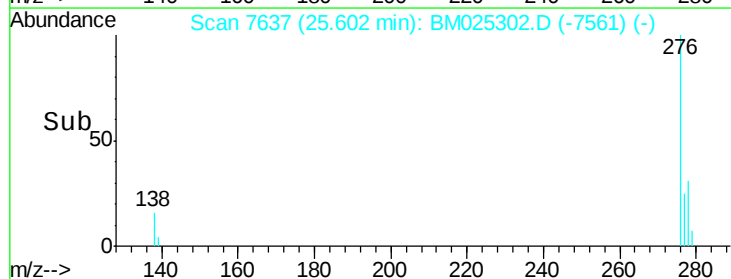
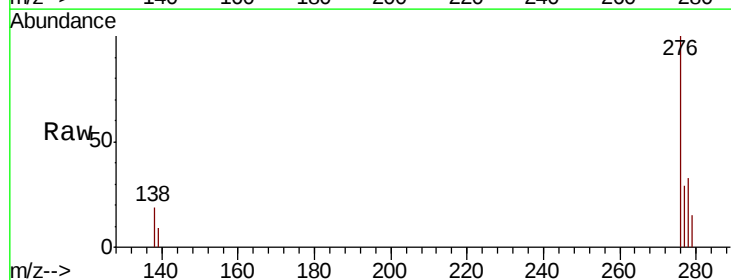
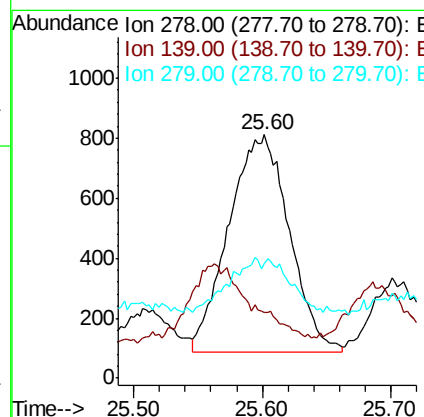
Manual Integrations
APPROVED

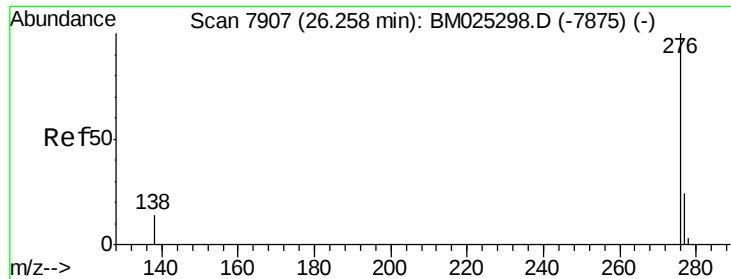
mohammad
3/6/2020 10:15:23 PM



#25
Dibenzo(a,h)anthracene
Concen: 0.027 ng/u1
RT: 25.60 min Scan# 7637
Delta R.T. -0.02 min
Lab File: BM025302.D
Acq: 06 Mar 2020 00:58

Tgt Ion	Ratio	Lower	Upper
278	100		
139	26.8	13.2	19.8#
279	47.2	21.0	31.4#





#26

Benzo(a,h,i)perylene

Concen: 0.054 ng/ul

RT: 26.25 min Scan# 7905

Delta R.T. -0.01 min

Lab File: BM025302.D

Acq: 06 Mar 2020 00:58

Instrument :

BNA_M

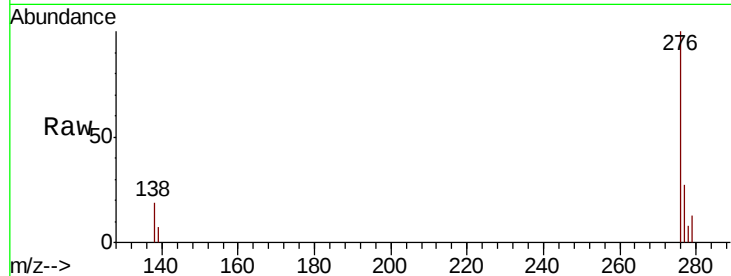
ClientSampleId :

DBDA9

Tot Ion:	276	Resp:	4801
Ion Ratio	Lower	Upper	
276	100		
138	19.4	17.9	26.9
277	27.4	20.5	30.7

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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

