

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030320\
 Data File : BM025300.D
 Acq On : 05 Mar 2020 23:46
 Operator : CG/JU
 Sample : L1568-01
 Misc :
 ALS Vial : 97 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBDA4

Manual Integrations
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mohammad
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Quant Time: Mar 06 03:19:49 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	2998	0.40	ng/ul	0.00
2) Naphthalene-d8	10.44	136	12644	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	9873	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	24588m	0.40	ng/ul	0.00
16) Chrysene-d12	21.22	240	24743	0.40	ng/ul	0.00
20) Perylene-d12	23.41	264	23128	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	5513	0.23	ng/ul	0.00
14) Fluoranthene-d10	19.07	212	20484	0.26	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.49	128	3305	0.087	ng/ul#	86
5) 2-Methylnaphthalene	12.11	142	556	0.020	ng/ul	98
7) Acenaphthylene	14.02	152	1552	0.034	ng/ul	98
8) Acenaphthene	14.36	153	788	0.022	ng/ul	96
12) Phenanthrene	17.08	178	7362	0.093	ng/ul	97
13) Anthracene	17.17	178	12514	0.178	ng/ul	97
15) Fluoranthene	19.10	202	62271	0.628	ng/ul	94
17) Pyrene	19.46	202	70187	0.748	ng/ul	95
18) Benzo(a)anthracene	21.21	228	28070	0.309	ng/ul	100
19) Chrysene	21.26	228	48851	0.489	ng/ul	99
21) Benzo(b)fluoranthene	22.76	252	71312m	0.771	ng/ul	
22) Benzo(k)fluoranthene	22.80	252	22496m	0.232	ng/ul	
23) Benzo(a)pyrene	23.32	252	18118	0.233	ng/ul#	94
24) Indeno(1,2,3-cd)pyrene	25.59	276	14784	0.153	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.60	278	3599	0.045	ng/ul#	75
26) Benzo(a,h,i)perylene	26.25	276	8180	0.099	ng/ul#	95

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

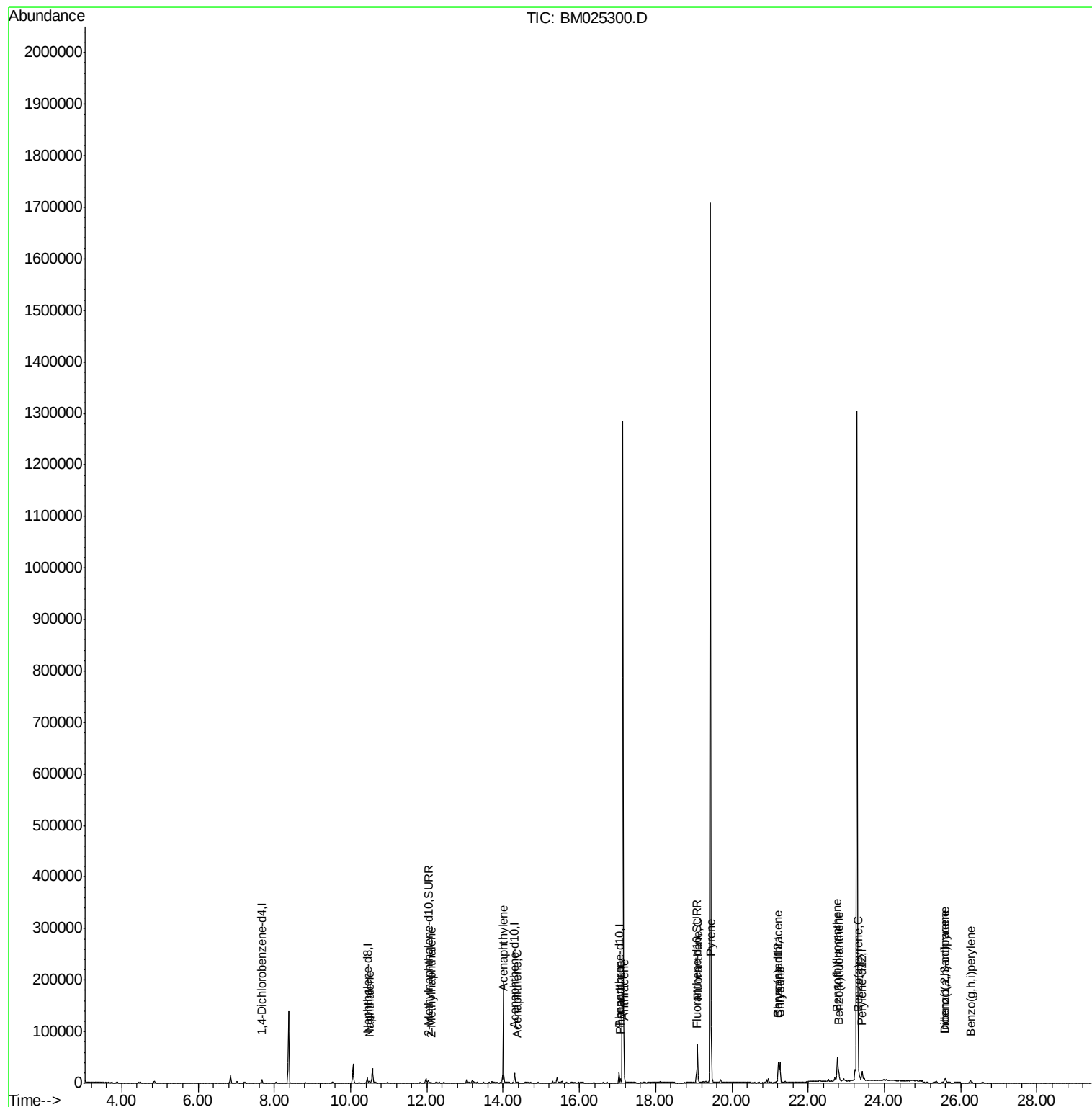
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030320\
Data File : BM025300.D
Acq On : 05 Mar 2020 23:46
Operator : CG/JU
Sample : L1568-01
Misc :
ALS Vial : 97 Sample Multiplier: 1

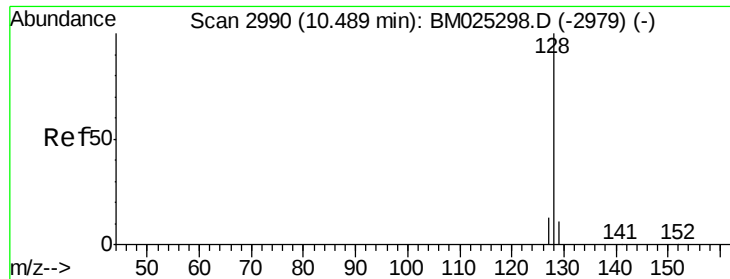
Instrument :
BNA_M
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Quant Time: Mar 06 03:19:49 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 04 08:02:03 2020
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.087 ng/ul

RT: 10.49 min Scan# 2991

Delta R.T. -0.00 min

Lab File: BM025300.D

Acq: 05 Mar 2020 23:46

Instrument :

BNA_M

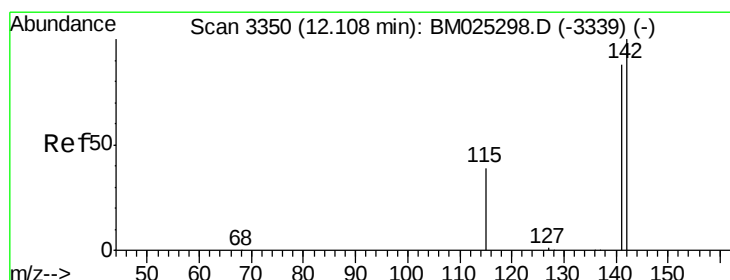
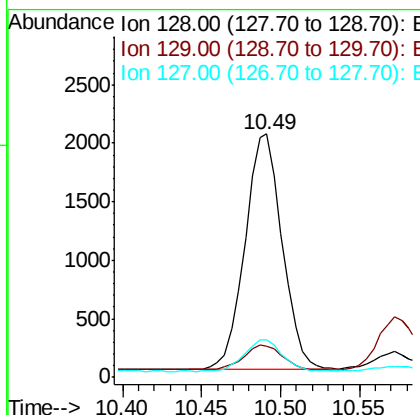
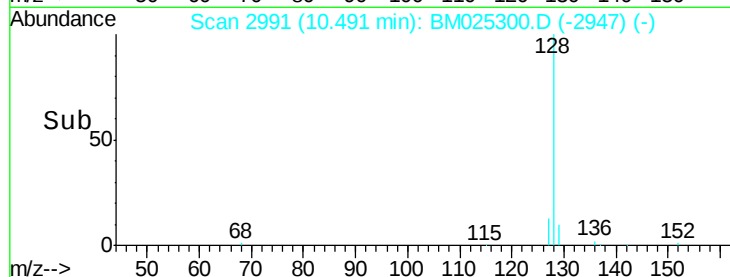
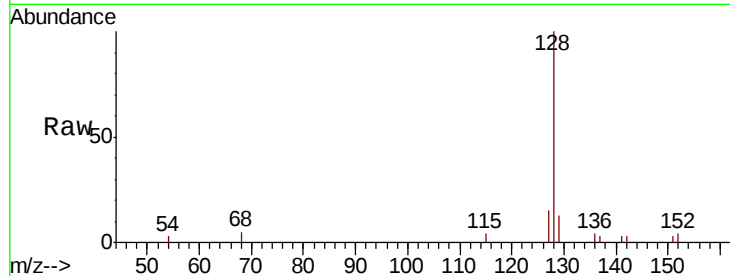
ClientSampled :

DBDA4

Tot Ion:	128	Resp:	3305
Ion Ratio	Lower	Upper	
128	100		
129	12.9	17.0	25.6#
127	15.4	15.7	23.5#

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#5

2-Methylnaphthalene

Concen: 0.020 ng/ul

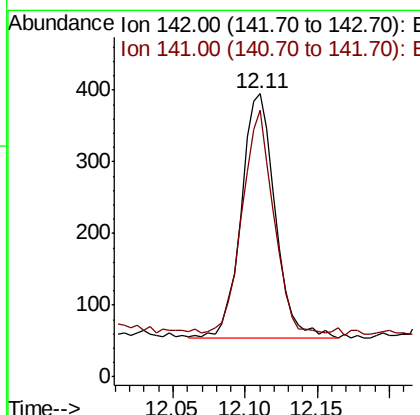
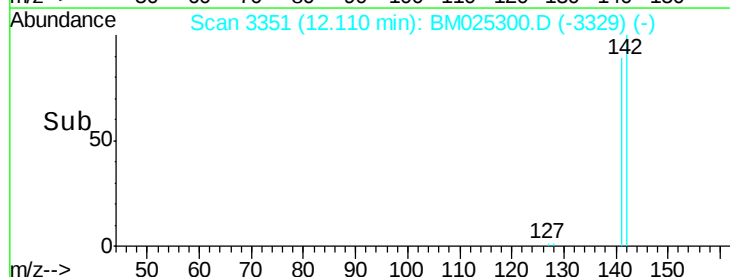
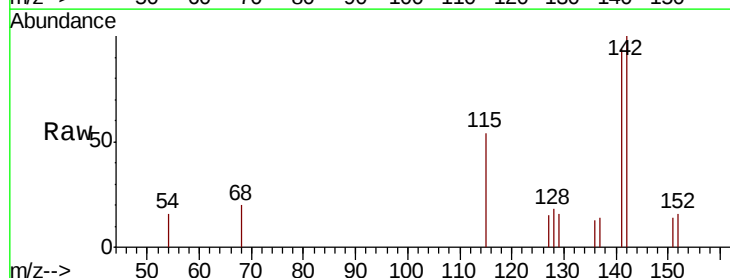
RT: 12.11 min Scan# 3351

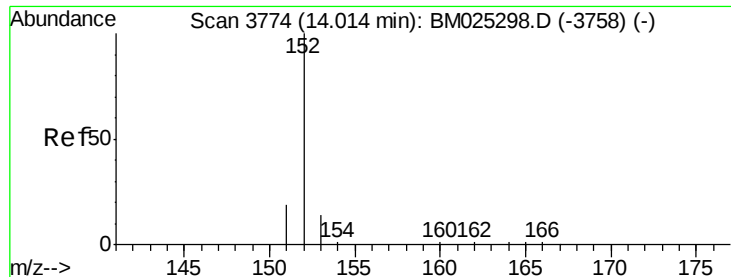
Delta R.T. -0.00 min

Lab File: BM025300.D

Acq: 05 Mar 2020 23:46

Tgt Ion:	142	Resp:	556
Ion Ratio	Lower	Upper	
142	100		
141	85.1	69.8	104.8





#7

Acenaphthylene

Concen: 0.034 ng/ul

RT: 14.02 min Scan# 3775

Delta R.T. -0.01 min

Lab File: BM025300.D

Acq: 05 Mar 2020 23:46

Instrument :

BNA_M

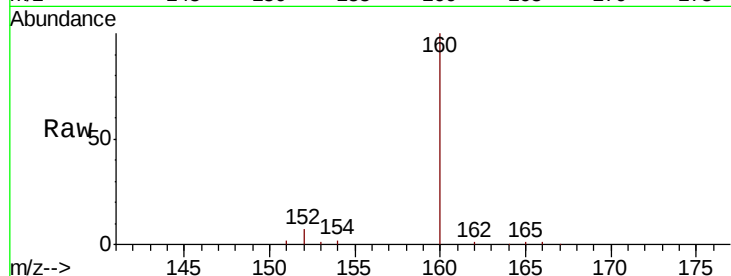
ClientSampleId :

DBDA4

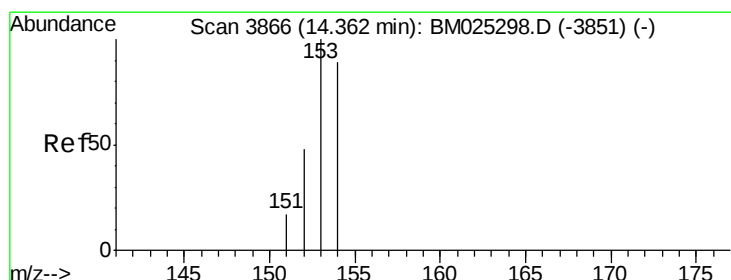
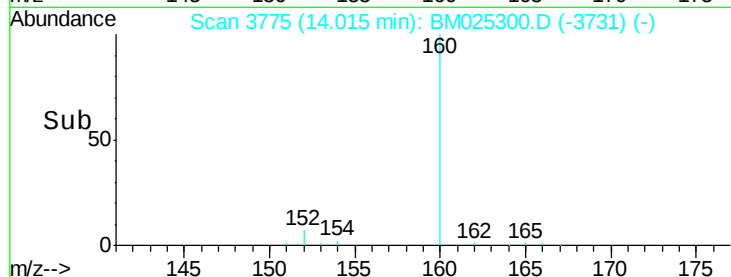
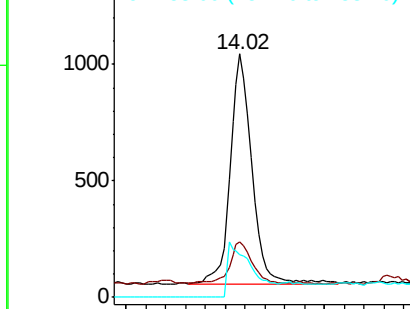
Tot Ion:	152	Resp:	1552
Ion Ratio	Lower	Upper	
152	100		
151	23.1	17.8	26.8
153	17.3	13.3	19.9

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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



#8

Acenaphthene

Concen: 0.022 ng/ul

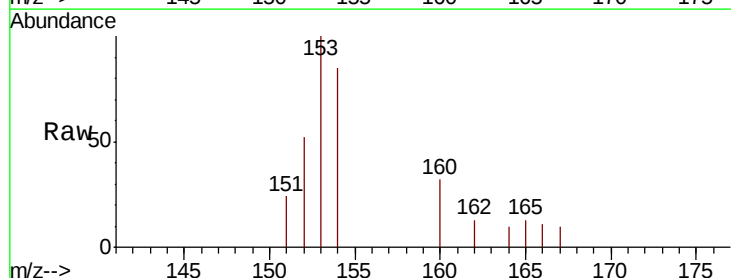
RT: 14.36 min Scan# 3867

Delta R.T. -0.00 min

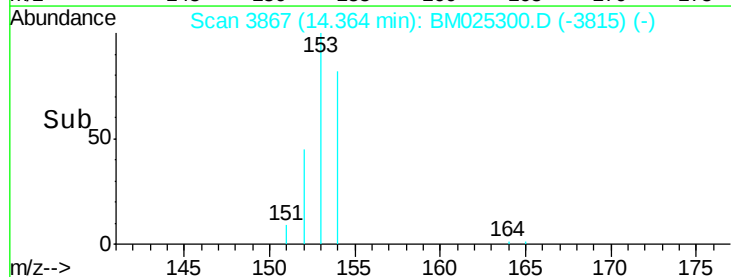
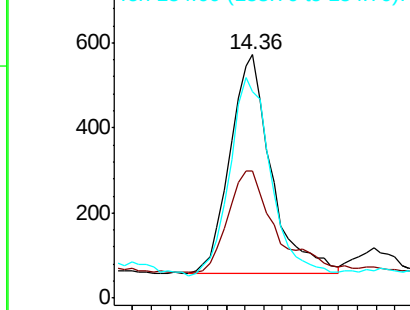
Lab File: BM025300.D

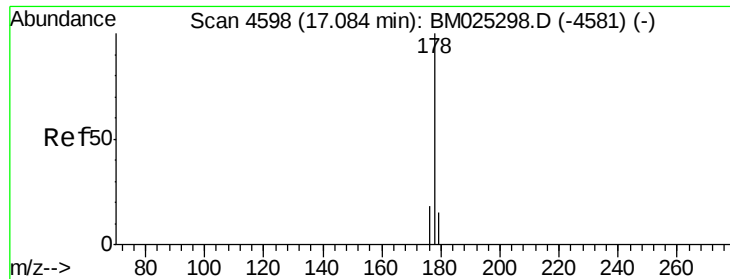
Acq: 05 Mar 2020 23:46

Tgt Ion:	153	Resp:	788
Ion Ratio	Lower	Upper	
153	100		
152	52.4	40.0	60.0
154	84.8	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





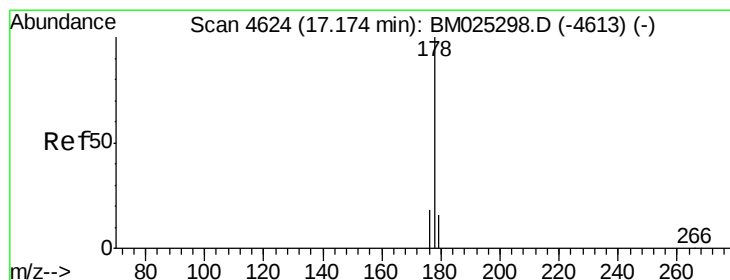
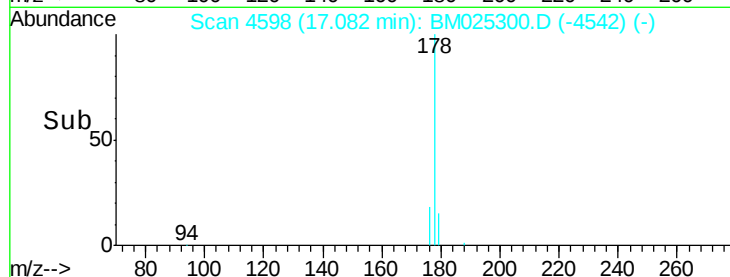
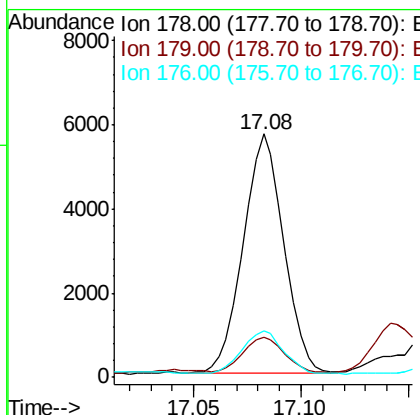
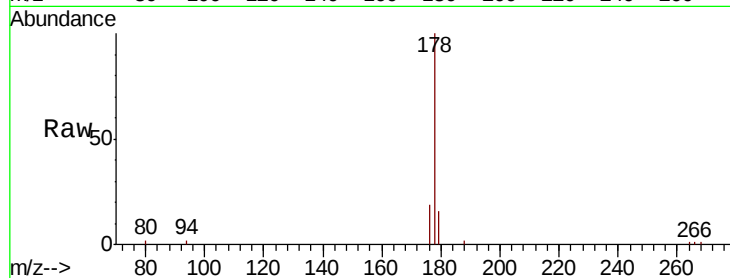
#12
Phenanthrene
Concen: 0.093 ng/ul
RT: 17.08 min Scan# 4598
Delta R.T. -0.01 min
Lab File: BM025300.D
Acq: 05 Mar 2020 23:46

Instrument :
BNA_M
ClientSampleId :
DBDA4

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.4	14.0	21.0
176	19.2	16.6	24.8

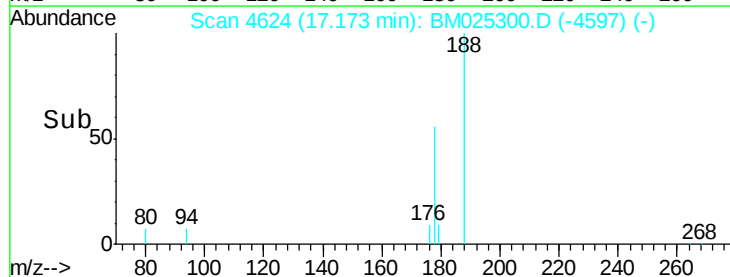
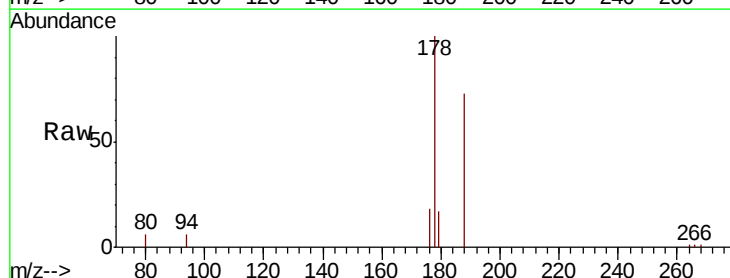
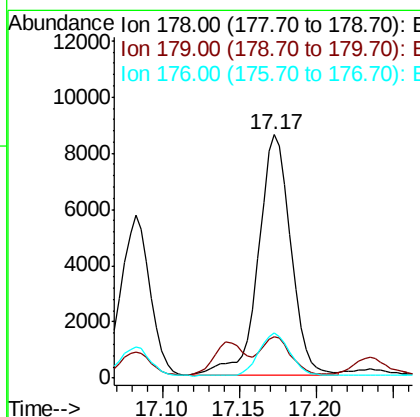
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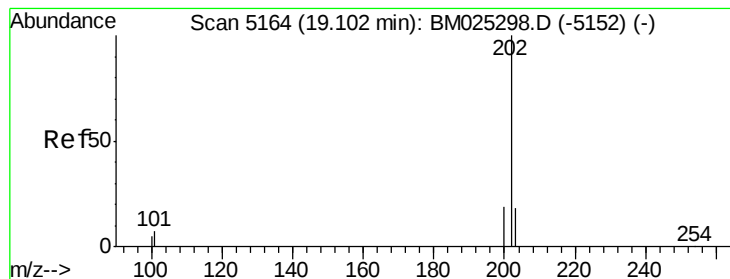
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#13
Anthracene
Concen: 0.178 ng/ul
RT: 17.17 min Scan# 4624
Delta R.T. -0.01 min
Lab File: BM025300.D
Acq: 05 Mar 2020 23:46

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.7	14.1	21.1
176	18.5	16.2	24.4





#15

Fluoranthene

Concen: 0.628 ng/ul

RT: 19.10 min Scan# 5164

Delta R.T. -0.01 min

Lab File: BM025300.D

Acq: 05 Mar 2020 23:46

Instrument :

BNA_M

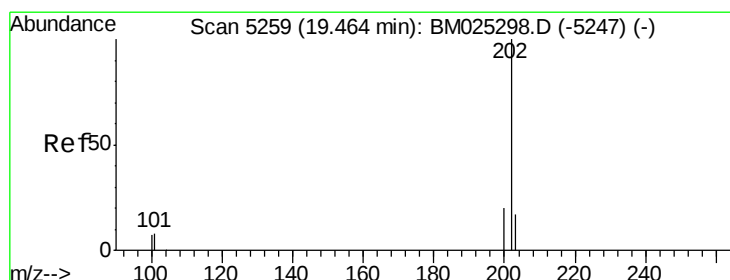
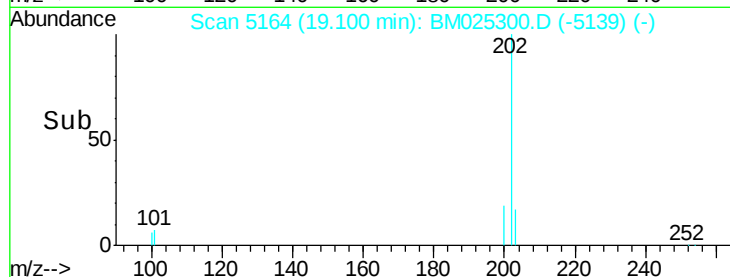
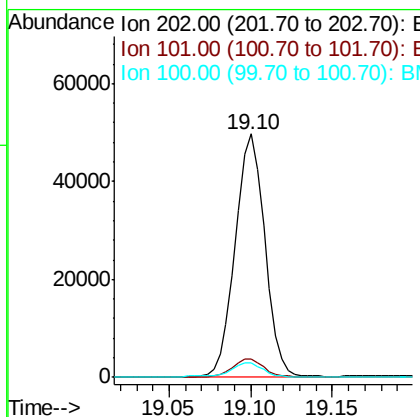
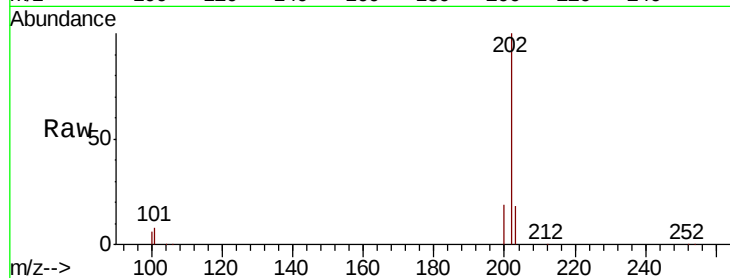
ClientSampleId :

DBDA4

Tot Ion:	202	Resp:	62271
Ion Ratio	Lower	Upper	
202	100		
101	7.5	0.0	29.4
100	5.9	0.0	28.0

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#17

Pyrene

Concen: 0.748 ng/ul

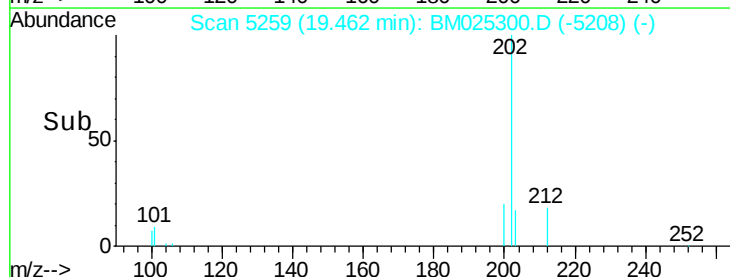
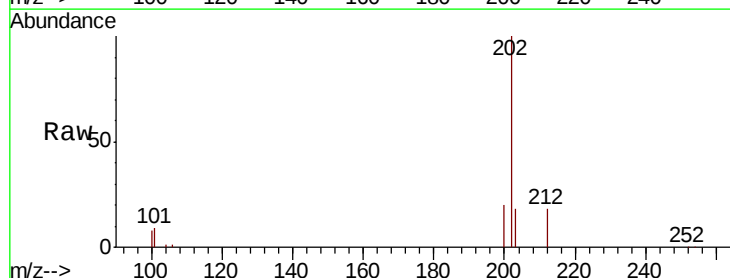
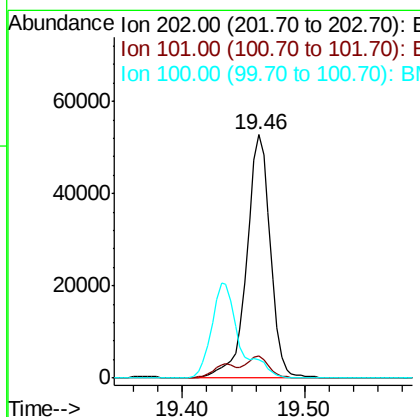
RT: 19.46 min Scan# 5259

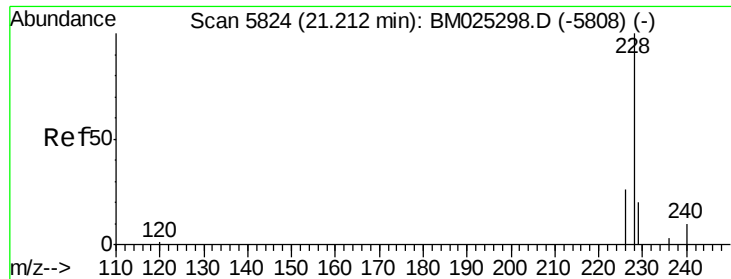
Delta R.T. -0.01 min

Lab File: BM025300.D

Acq: 05 Mar 2020 23:46

Tgt Ion:	202	Resp:	70187
Ion Ratio	Lower	Upper	
202	100		
101	9.0	8.7	13.1
100	7.6	7.3	10.9





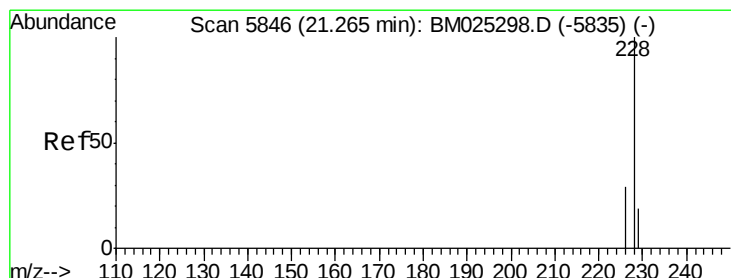
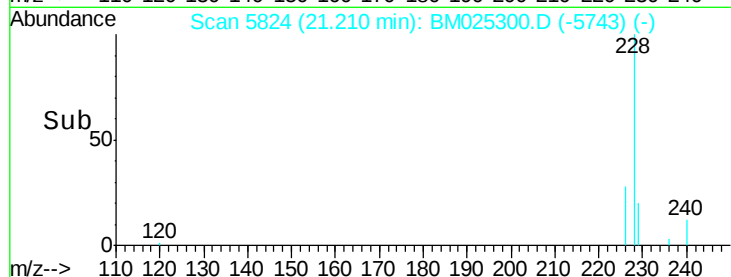
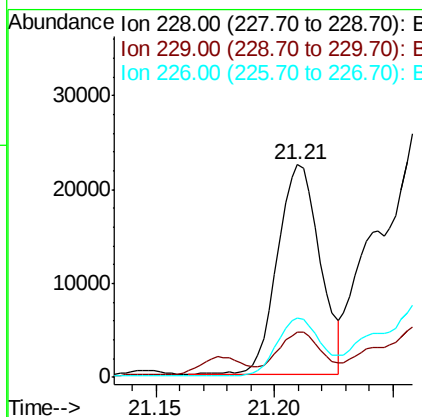
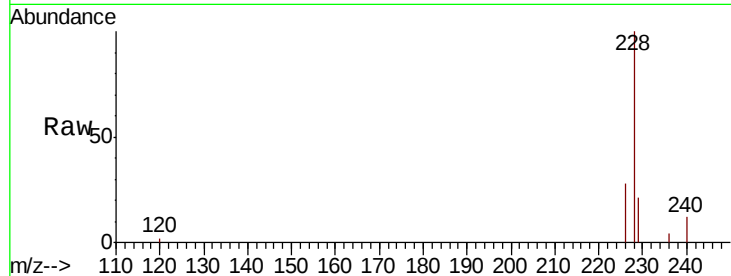
#18
Benzo(a)anthracene
Concen: 0.309 ng/ul
RT: 21.21 min Scan# 5824
Delta R.T. -0.00 min
Lab File: BM025300.D
Acq: 05 Mar 2020 23:46

Instrument :
BNA_M
ClientSampleId :
DBDA4

Tot Ion	Ratio	Lower	Upper
228	100		
229	21.0	16.6	25.0
226	27.7	21.9	32.9

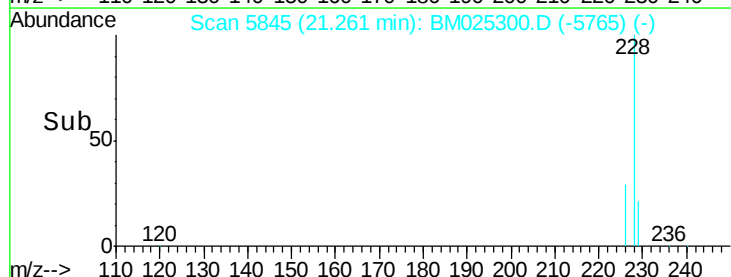
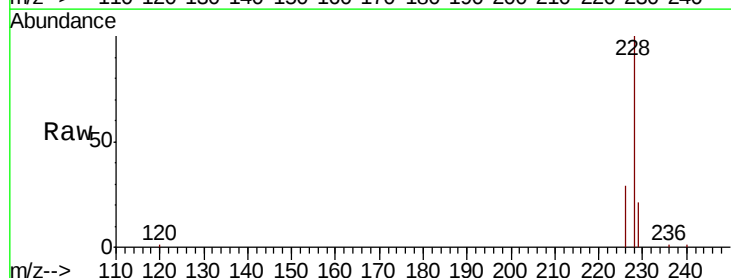
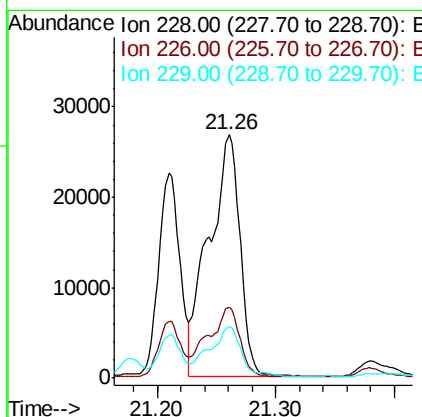
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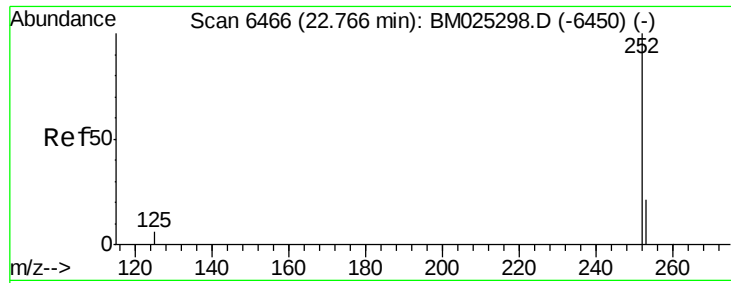
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#19
Chrysene
Concen: 0.489 ng/ul
RT: 21.26 min Scan# 5846
Delta R.T. -0.01 min
Lab File: BM025300.D
Acq: 05 Mar 2020 23:46

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.8	35.8
229	21.3	16.9	25.3





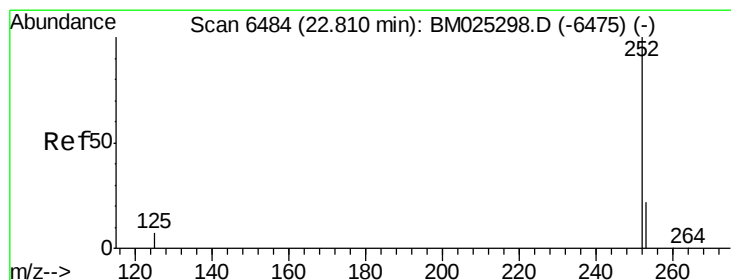
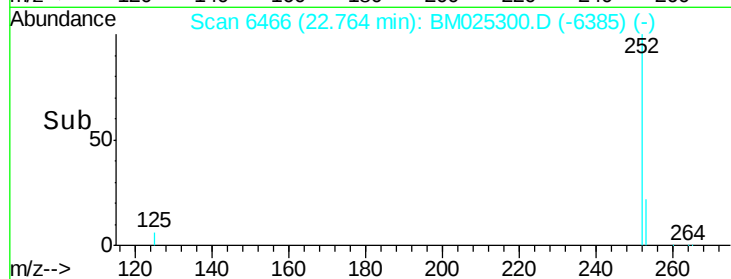
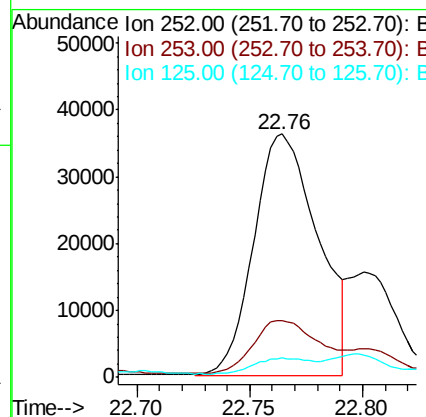
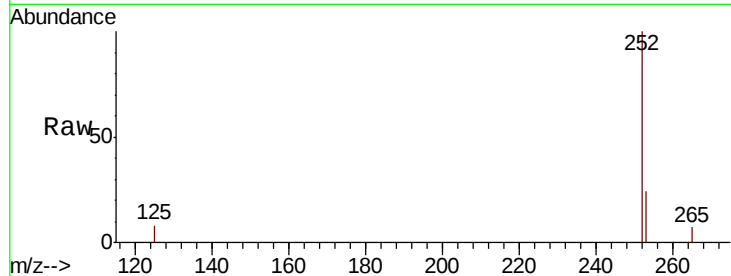
#21
Benzo(b)fluoranthene
Concen: 0.771 ng/ul m
RT: 22.76 min Scan# 6466
Delta R.T. -0.00 min
Lab File: BM025300.D
Acq: 05 Mar 2020 23:46

Instrument :
BNA_M
ClientSampled :
DBDA4

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.5	0.0	49.8
125	7.8	0.0	28.6

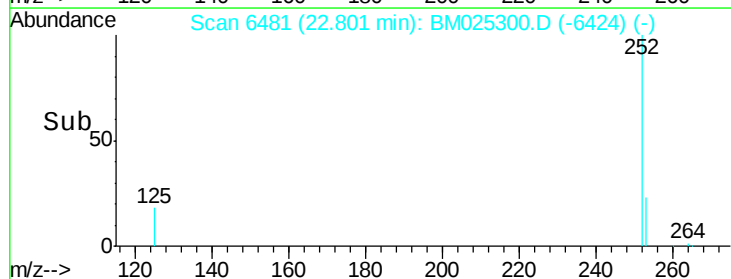
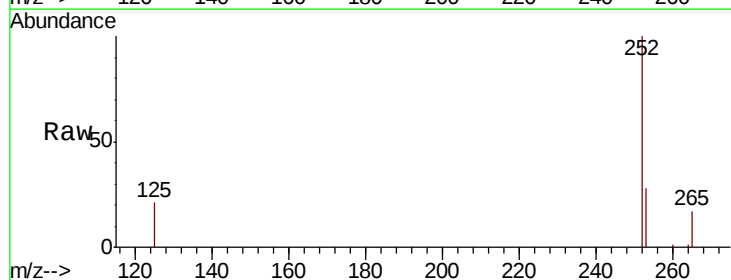
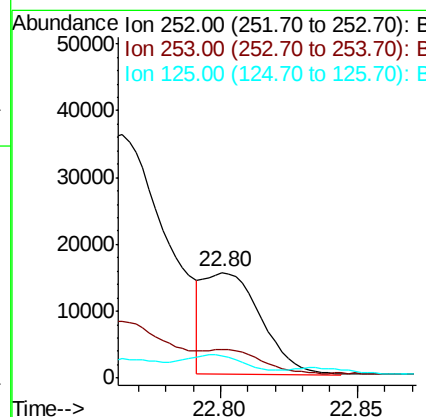
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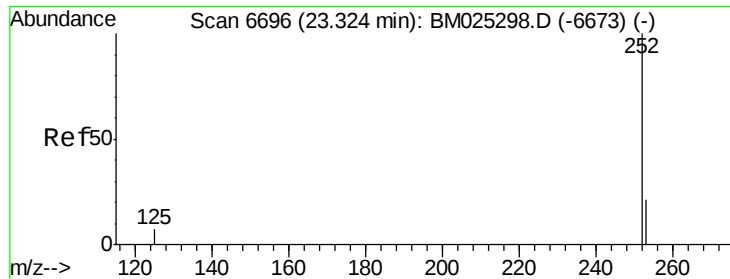
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#22
Benzo(k)fluoranthene
Concen: 0.232 ng/ul m
RT: 22.80 min Scan# 6481
Delta R.T. -0.01 min
Lab File: BM025300.D
Acq: 05 Mar 2020 23:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.6	19.4	29.0
125	20.6	10.7	16.1#





#23

Benzo(a)pyrene

Concen: 0.233 ng/ul

RT: 23.32 min Scan# 6696

Delta R.T. -0.00 min

Lab File: BM025300.D

Acq: 05 Mar 2020 23:46

Instrument :

BNA_M

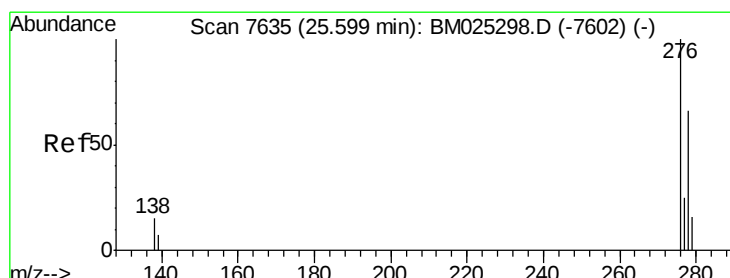
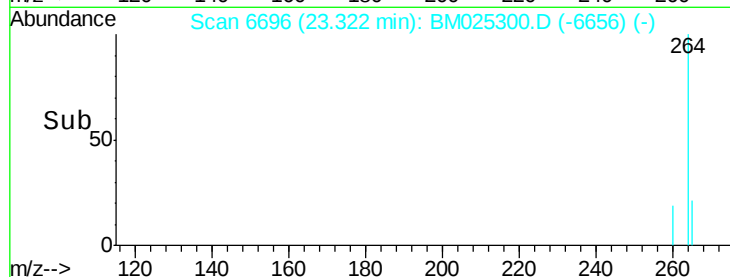
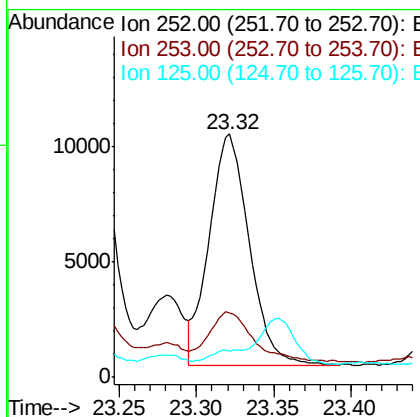
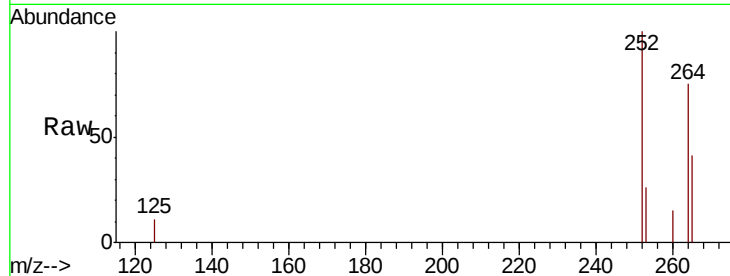
ClientSampleId :

DBDA4

Tot Ion:	252	Resp:	18118
Ion Ratio	Lower	Upper	
252	100		
253	26.3	20.3	30.5
125	10.9	13.0	19.4#

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.153 ng/ul

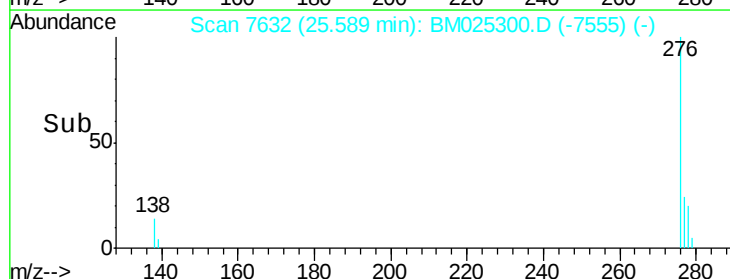
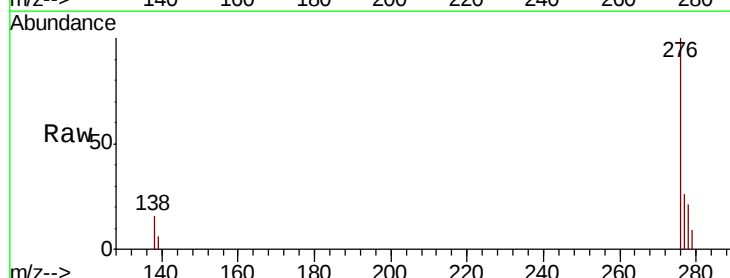
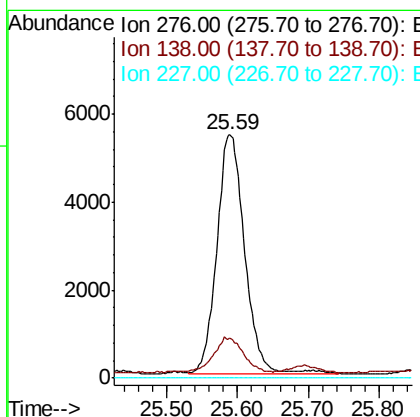
RT: 25.59 min Scan# 7632

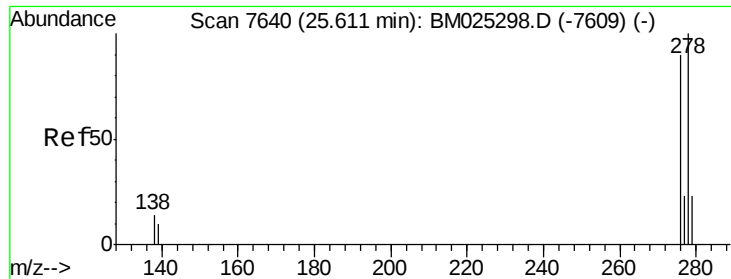
Delta R.T. -0.01 min

Lab File: BM025300.D

Acq: 05 Mar 2020 23:46

Tgt Ion:	276	Resp:	14784
Ion Ratio	Lower	Upper	
276	100		
138	15.3	0.0	0.0#
227	0.0	0.0	0.0





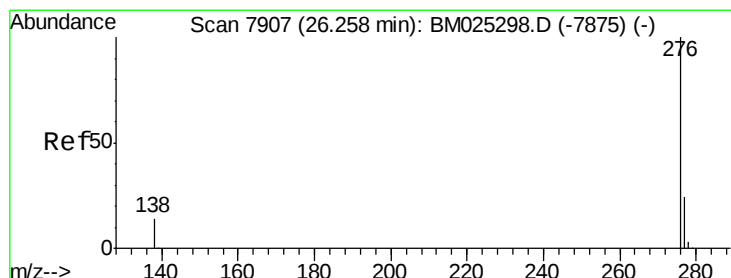
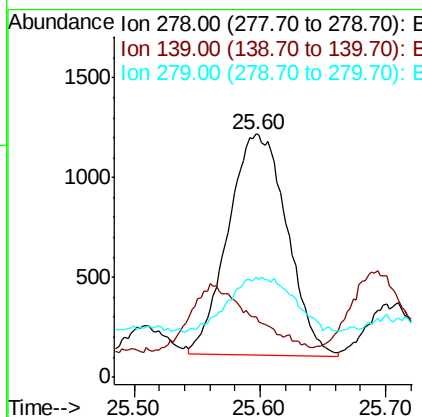
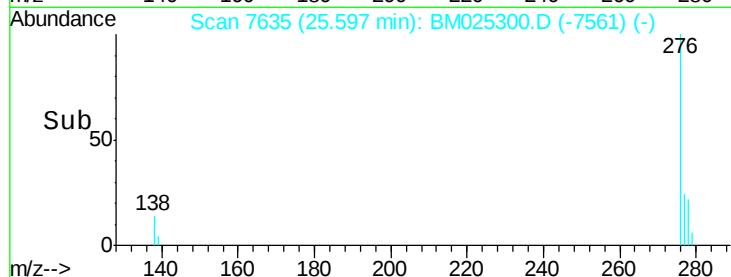
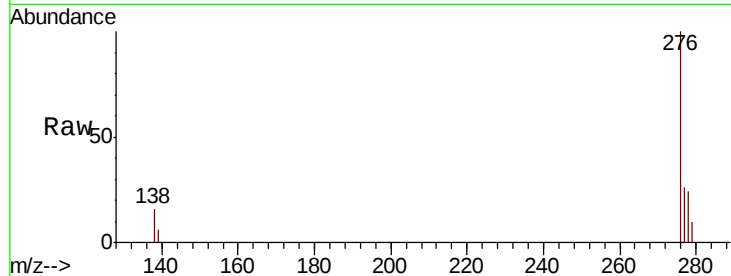
#25
 Dibenzo(a,h)anthracene
 Concen: 0.045 ng/ul
 RT: 25.60 min Scan# 7635
 Delta R.T. -0.02 min
 Lab File: BM025300.D
 Acq: 05 Mar 2020 23:46

Instrument :
 BNA_M
 ClientSampleId :
 DBDA4

Tot Ion	Ratio	Lower	Upper
278	100		
139	24.9	13.2	19.8#
279	41.0	21.0	31.4#

Manual Integrations
 APPROVED

mohammad
 3/6/2020 10:15:17 PM



#26
 Benzo(g,h,i)perylene
 Concen: 0.099 ng/ul
 RT: 26.25 min Scan# 7906
 Delta R.T. -0.01 min
 Lab File: BM025300.D
 Acq: 05 Mar 2020 23:46

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.6	17.9	26.9#
277	25.9	20.5	30.7

