

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030620\
 Data File : BM025353.D
 Acq On : 07 Mar 2020 17:03
 Operator : CG/JU
 Sample : L1615-01
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBDM7

Manual Integrations
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Quant Time: Mar 07 21:51:42 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 : Sat Mar 07 20:27:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	4864	0.40	ng/ul	0.00
2) Naphthalene-d8	10.43	136	21706	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.29	164	16271	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.04	188	36354	0.40	ng/ul	0.00
16) Chrysene-d12	21.22	240	34539	0.40	ng/ul	0.00
20) Perylene-d12	23.41	264	29650	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	5982	0.15	ng/ul	-0.01
14) Fluoranthene-d10	19.07	212	20527	0.17	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.48	128	1797	0.028	ng/ul	93
5) 2-Methylnaphthalene	12.10	142	56329	1.184	ng/ul	100
7) Acenaphthylene	14.01	152	5679	0.075	ng/ul#	91
8) Acenaphthene	14.36	153	199769	3.380	ng/ul	97
9) Fluorene	15.35	166	296507	4.003	ng/ul	95
12) Phenanthrene	17.08	178	1689494	14.412	ng/ul	95
13) Anthracene	17.17	178	382677	3.678	ng/ul	95
15) Fluoranthene	19.10	202	825656	5.627	ng/ul	96
17) Pyrene	19.46	202	541260	4.132	ng/ul	96
18) Benzo(a)anthracene	21.21	228	100301	0.790	ng/ul	98
19) Chrysene	21.26	228	110036	0.789	ng/ul	98
21) Benzo(b)fluoranthene	22.76	252	59264m	0.500	ng/ul	
22) Benzo(k)fluoranthene	22.80	252	25826m	0.208	ng/ul	
23) Benzo(a)pyrene	23.32	252	25558m	0.257	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.58	276	11798	0.095	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.59	278	3090	0.030	ng/ul#	70
26) Benzo(a,h,i)perylene	26.25	276	7156	0.068	ng/ul	96

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

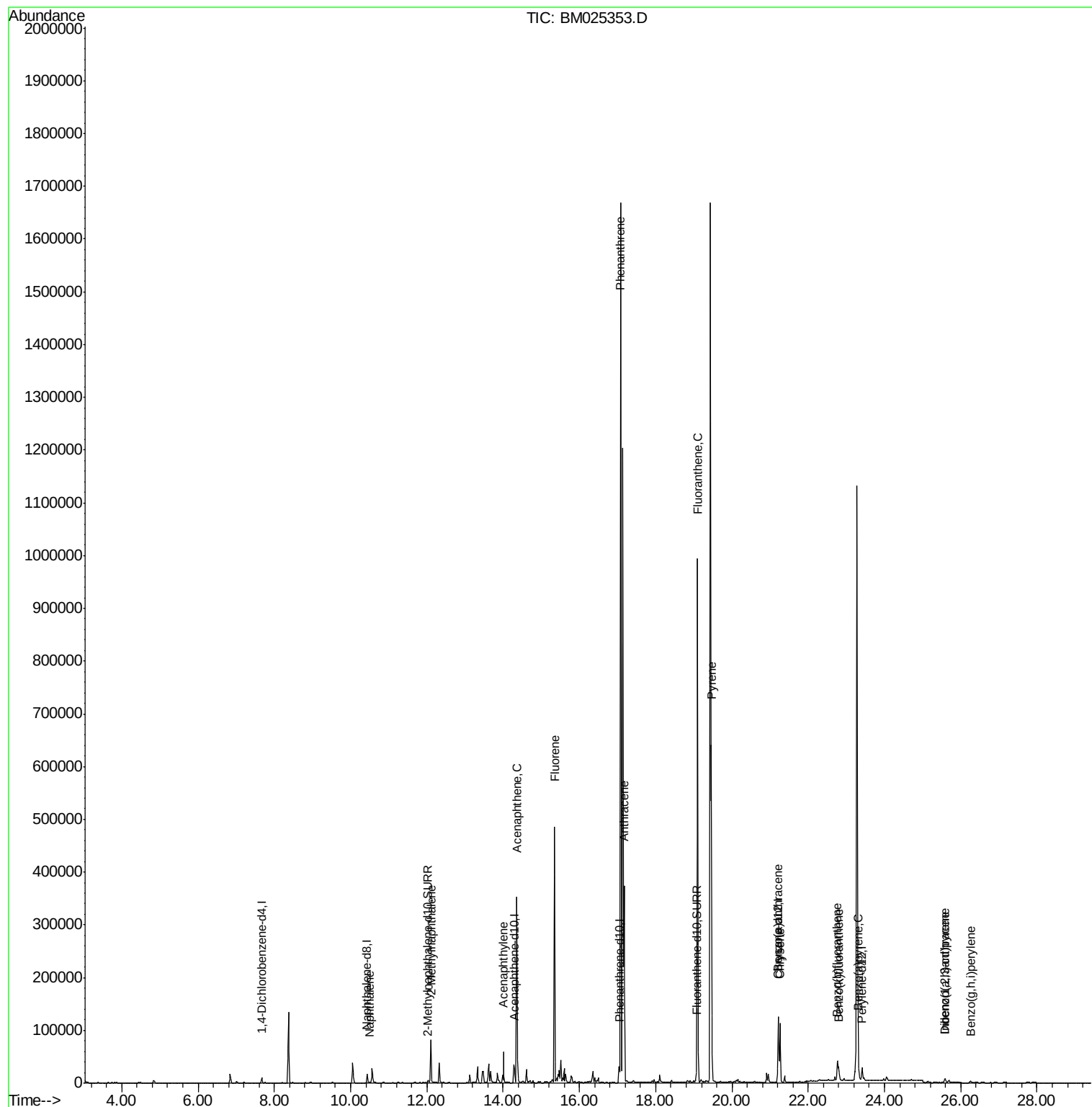
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030620\
Data File : BM025353.D
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Sample : L1615-01
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ALS Vial : 39 Sample Multiplier: 1

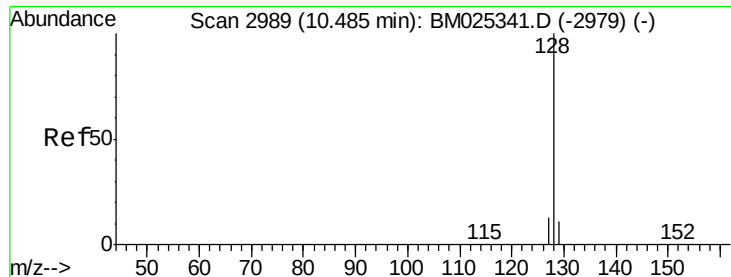
Instrument :
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3/9/2020 3:01:55 PM

Quant Time: Mar 07 21:51:42 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 : Sat Mar 07 20:27:15 2020
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.028 ng/ul

RT: 10.48 min Scan# 2989

Delta R.T. -0.01 min

Lab File: BM025353.D

Acq: 07 Mar 2020 17:03

Instrument :

BNA_M

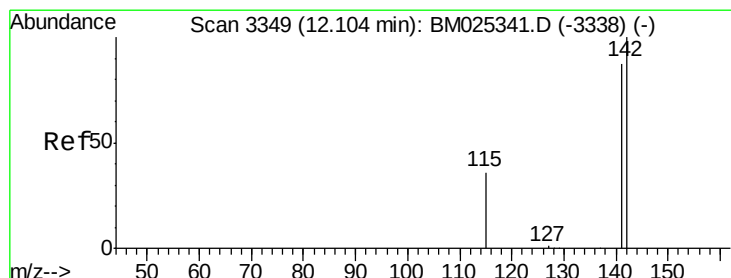
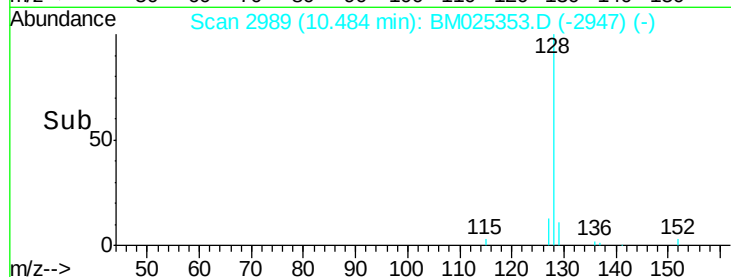
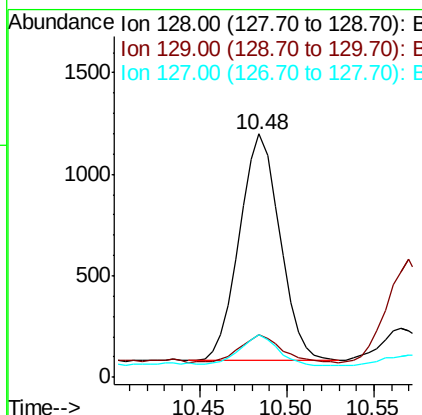
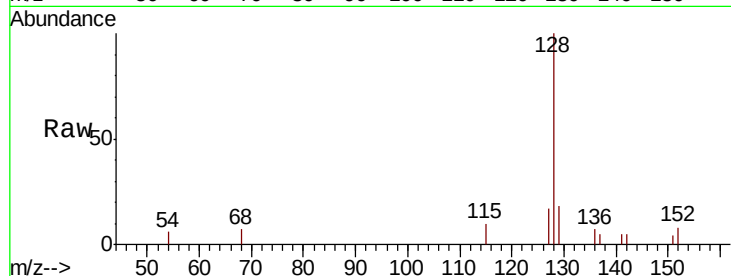
ClientSampleId :

DBDM7

Tot Ion:128	Resp:	1797
Ion Ratio	Lower	Upper
128	100	
129	17.5	17.0 25.6
127	17.3	15.7 23.5

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#5

2-Methylnaphthalene

Concen: 1.184 ng/ul

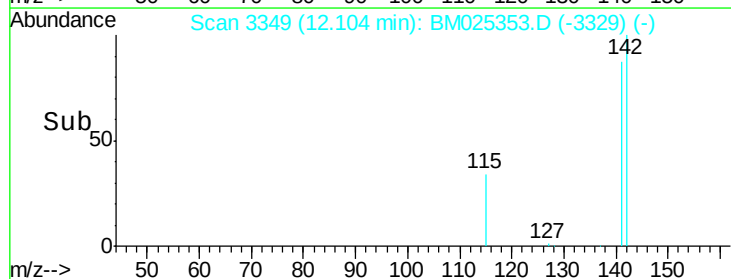
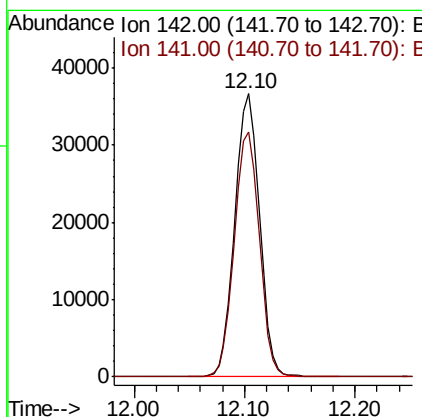
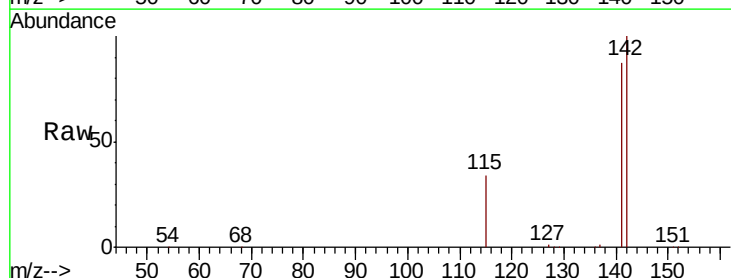
RT: 12.10 min Scan# 3349

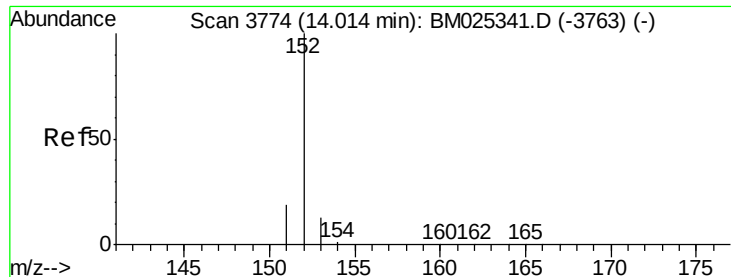
Delta R.T. -0.01 min

Lab File: BM025353.D

Acq: 07 Mar 2020 17:03

Tgt Ion:142	Resp:	56329
Ion Ratio	Lower	Upper
142	100	
141	87.7	69.8 104.8





#7

Acenaphthylene

Concen: 0.075 ng/ul

RT: 14.01 min Scan# 3774

Delta R.T. -0.01 min

Lab File: BM025353.D

Acq: 07 Mar 2020 17:03

Instrument :

BNA_M

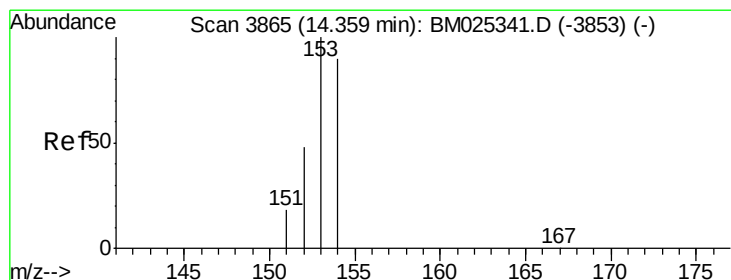
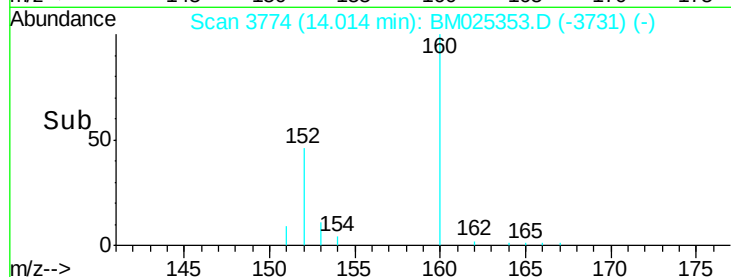
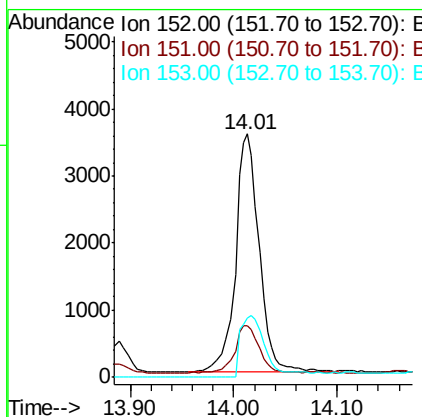
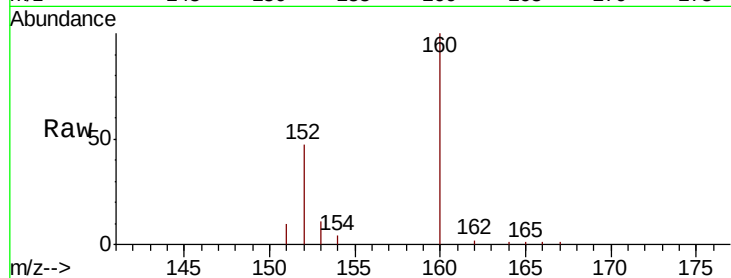
ClientSampled :

DBDM7

Tot Ion:	152	Resp:	5679
Ion Ratio	Lower	Upper	
152	100		
151	21.2	17.8	26.8
153	24.1	13.3	19.9#

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#8

Acenaphthene

Concen: 3.380 ng/ul

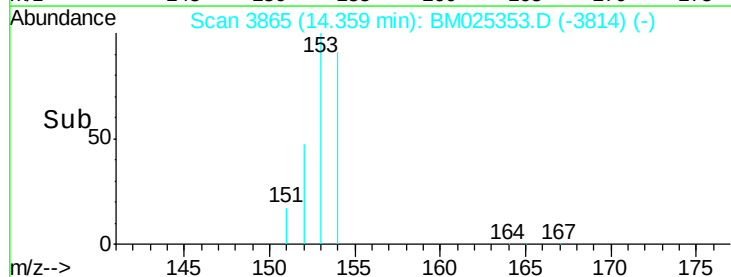
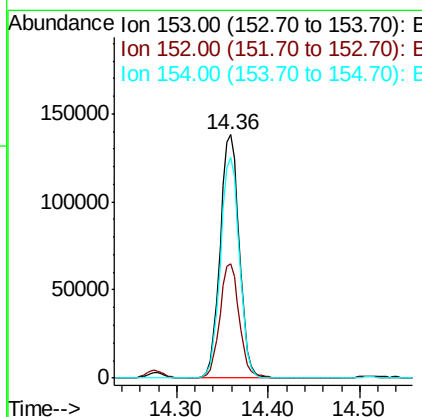
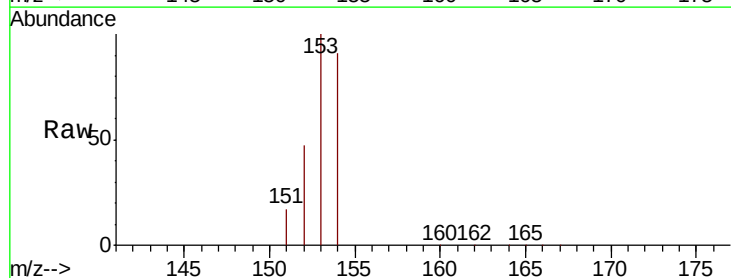
RT: 14.36 min Scan# 3865

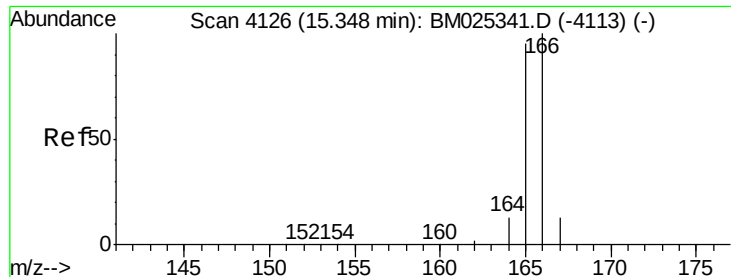
Delta R.T. -0.01 min

Lab File: BM025353.D

Acq: 07 Mar 2020 17:03

Tgt Ion:	153	Resp:	199769
Ion Ratio	Lower	Upper	
153	100		
152	47.1	40.0	60.0
154	90.5	71.0	106.6





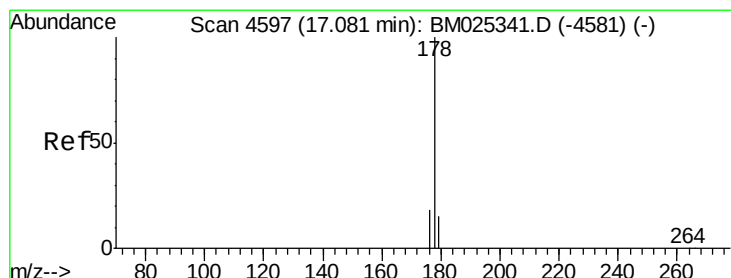
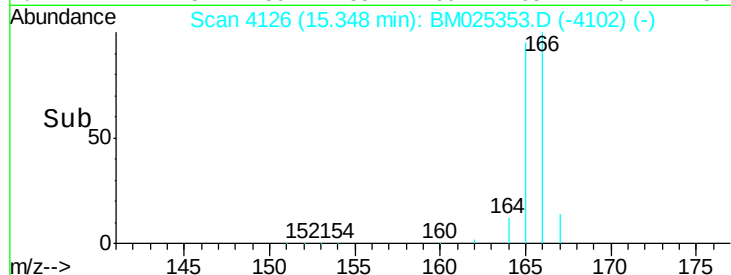
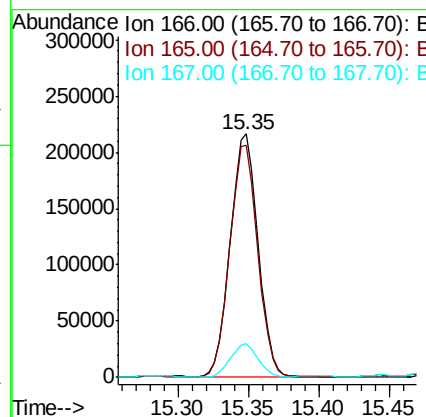
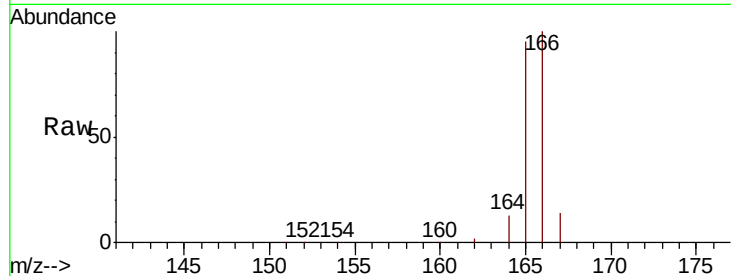
#9
Fluorene
 Concen: 4.003 ng/ul
 RT: 15.35 min Scan# 4126
 Delta R.T. -0.01 min
 Lab File: BM025353.D
 Acq: 07 Mar 2020 17:03

Instrument :
 BNA_M
 ClientSampled :
 DBDM7

Tot Ion	Ratio	Lower	Upper
166	100		
165	95.5	80.0	120.0
167	13.7	13.7	20.5

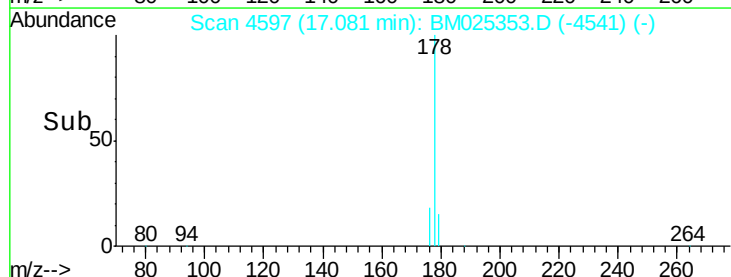
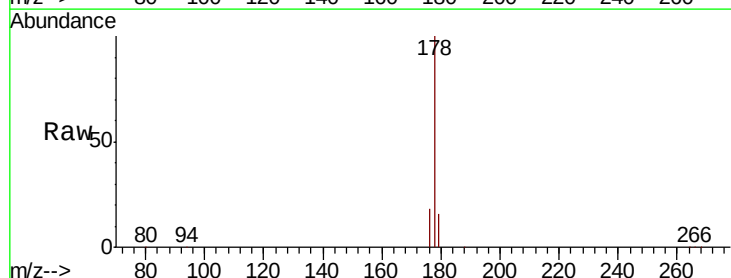
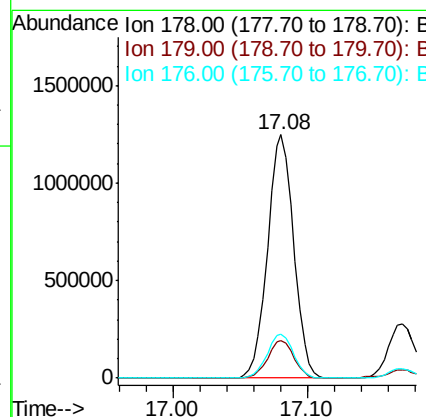
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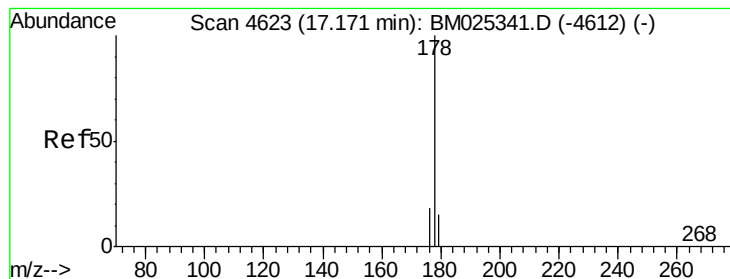
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#12
Phenanthrene
 Concen: 14.412 ng/ul
 RT: 17.08 min Scan# 4597
 Delta R.T. -0.01 min
 Lab File: BM025353.D
 Acq: 07 Mar 2020 17:03

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.5	14.0	21.0
176	18.1	16.6	24.8





#13

Anthracene

Concen: 3.678 ng/ul

RT: 17.17 min Scan# 4623

Delta R.T. -0.01 min

Lab File: BM025353.D

Acq: 07 Mar 2020 17:03

Instrument :

BNA_M

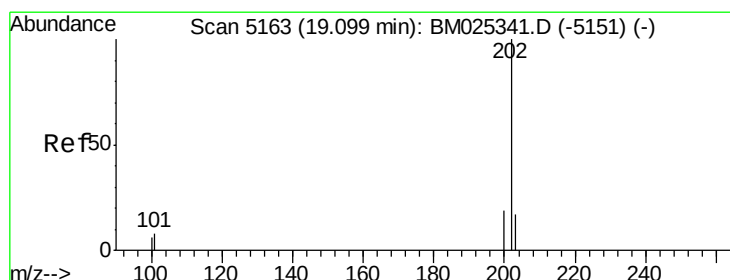
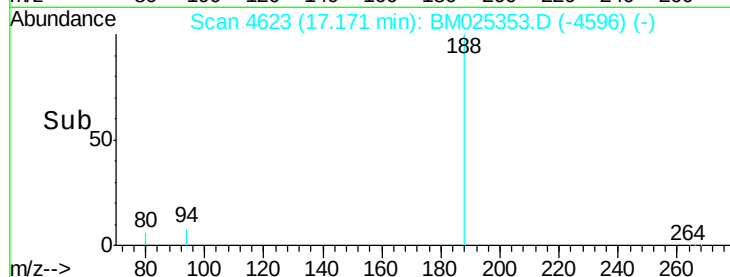
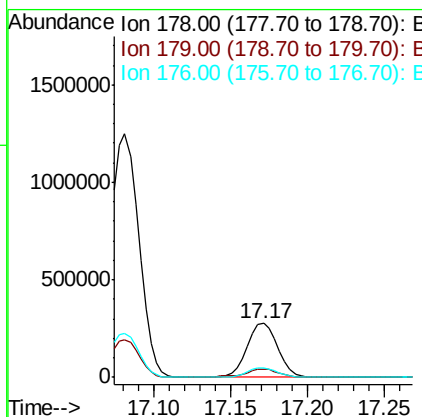
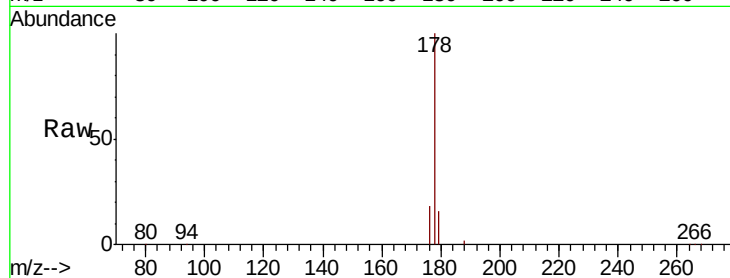
ClientSampleId :

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Tot Ion:	178	Resp:	382677
Ion Ratio	Lower	Upper	
178	100		
179	15.6	14.1	21.1
176	17.6	16.2	24.4

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#15

Fluoranthene

Concen: 5.627 ng/ul

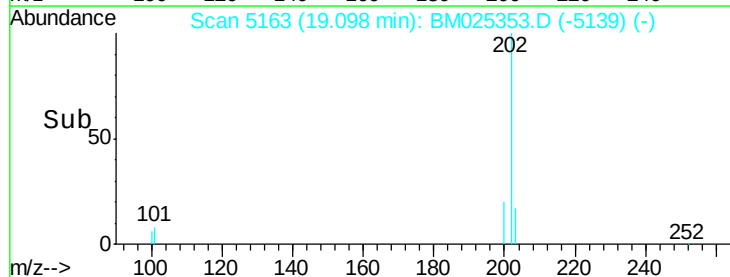
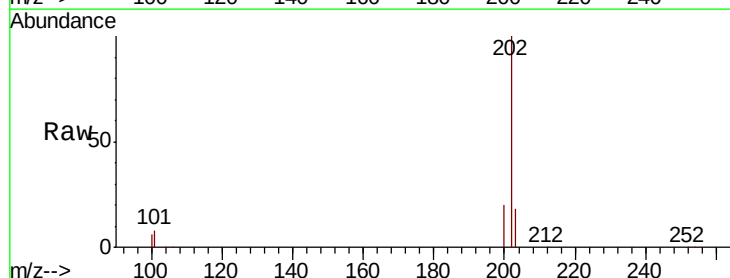
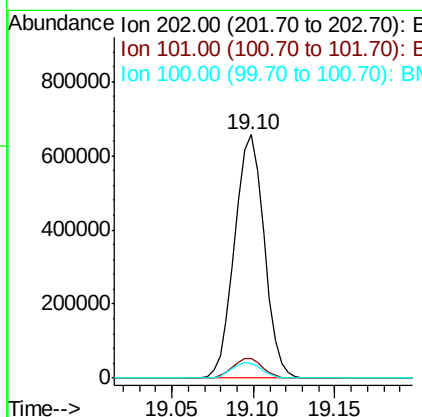
RT: 19.10 min Scan# 5163

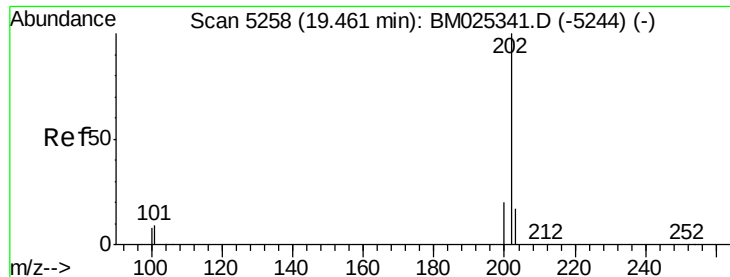
Delta R.T. -0.01 min

Lab File: BM025353.D

Acq: 07 Mar 2020 17:03

Tgt Ion:	202	Resp:	825656
Ion Ratio	Lower	Upper	
202	100		
101	8.0	0.0	29.4
100	6.1	0.0	28.0





#17

Pvrene

Concen: 4.132 ng/ul

RT: 19.46 min Scan# 5258

Delta R.T. -0.01 min

Lab File: BM025353.D

Acq: 07 Mar 2020 17:03

Instrument :

BNA_M

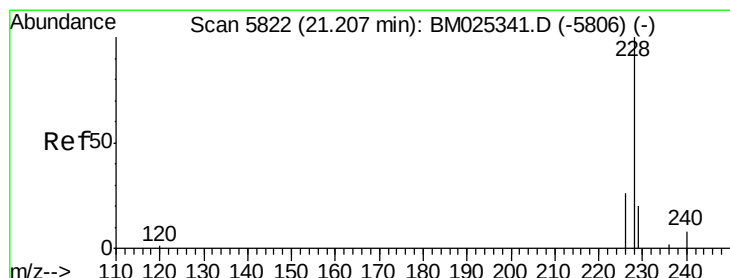
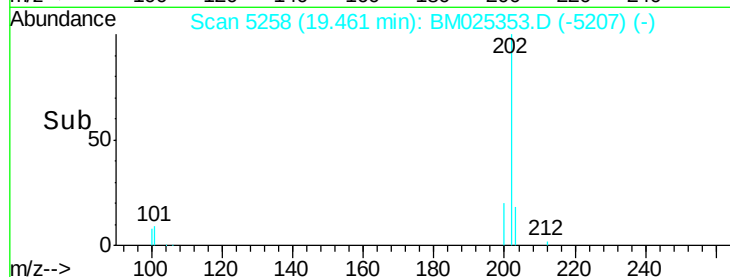
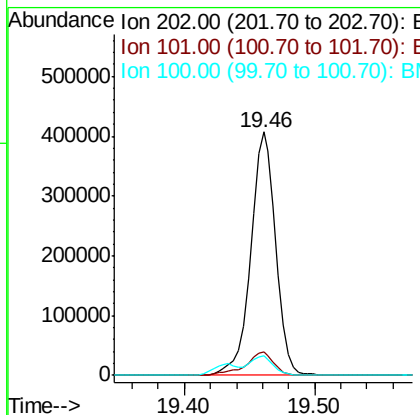
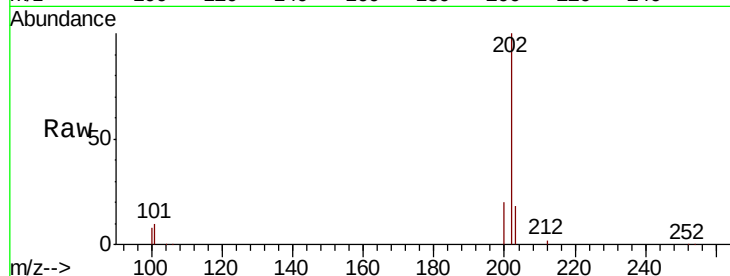
ClientSampled :

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Tot Ion:	202	Resp:	541260
Ion Ratio	Lower	Upper	
202	100		
101	9.5	8.7	13.1
100	7.8	7.3	10.9

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#18

Benzo(a)anthracene

Concen: 0.790 ng/ul

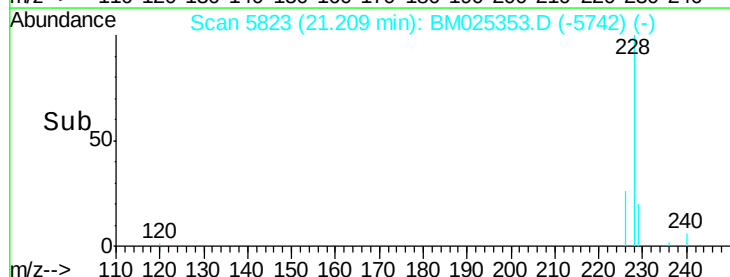
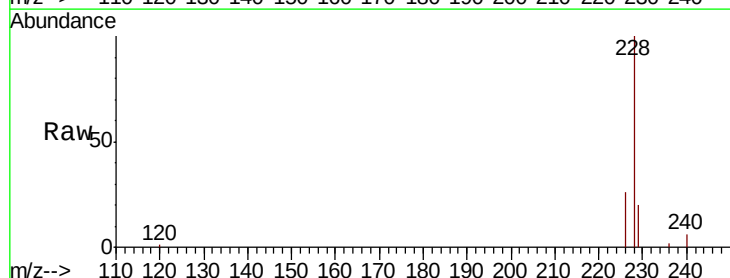
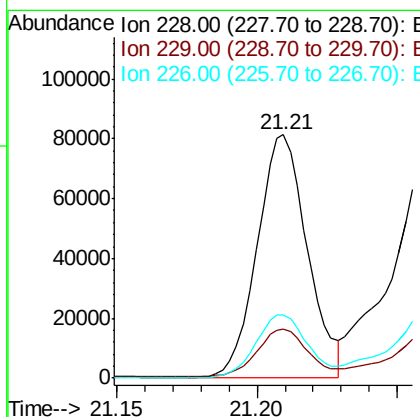
RT: 21.21 min Scan# 5823

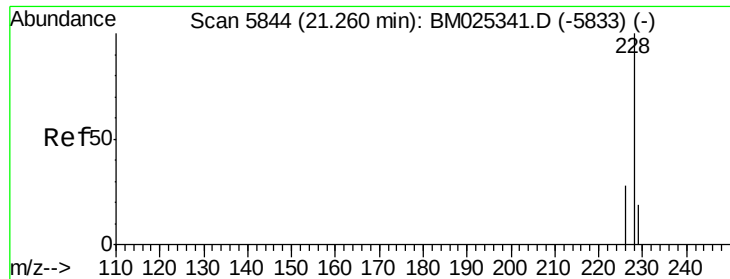
Delta R.T. -0.00 min

Lab File: BM025353.D

Acq: 07 Mar 2020 17:03

Tgt Ion:	228	Resp:	100301
Ion Ratio	Lower	Upper	
228	100		
229	20.3	16.6	25.0
226	26.2	21.9	32.9





#19

Chrysene

Concen: 0.789 ng/ul

RT: 21.26 min Scan# 5844

Delta R.T. -0.01 min

Lab File: BM025353.D

Acq: 07 Mar 2020 17:03

Instrument :

BNA_M

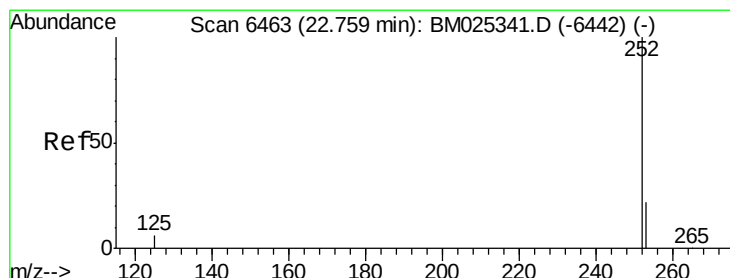
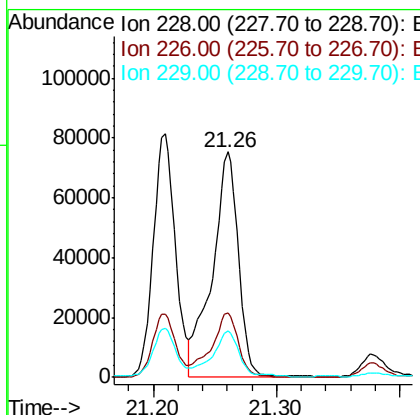
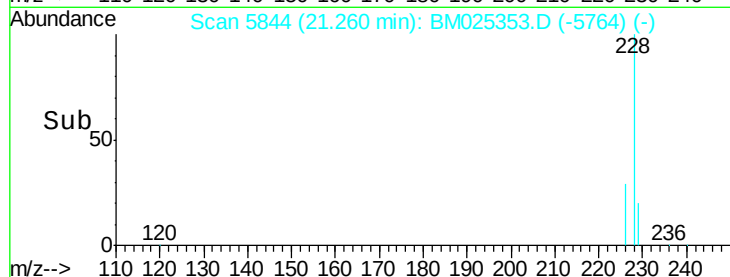
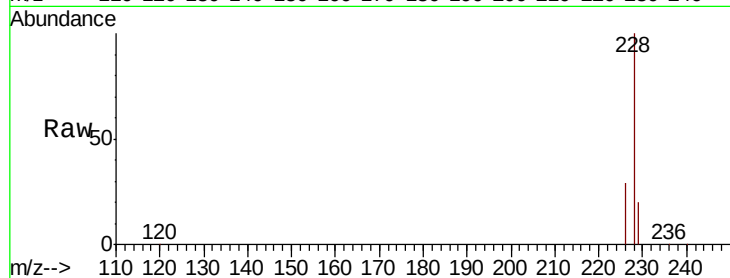
ClientSampled :

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Tot Ion:	228	Resp:	110036
Ion	Ratio	Lower	Upper
228	100		
226	28.7	23.8	35.8
229	20.3	16.9	25.3

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#21

Benzo(b)fluoranthene

Concen: 0.500 ng/ul m

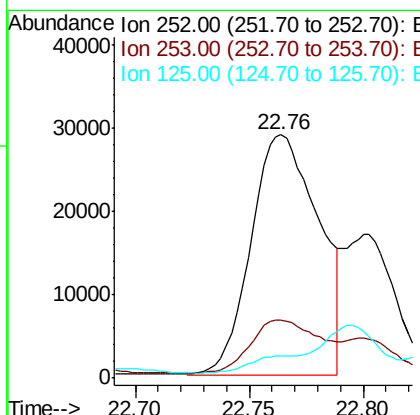
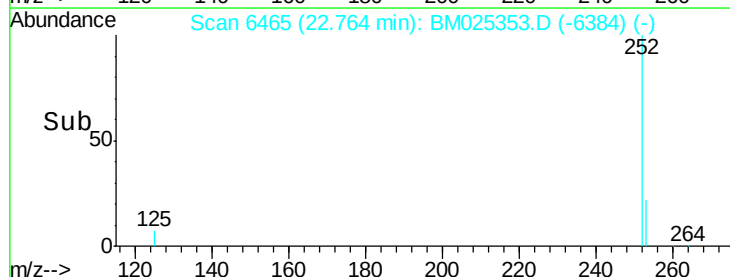
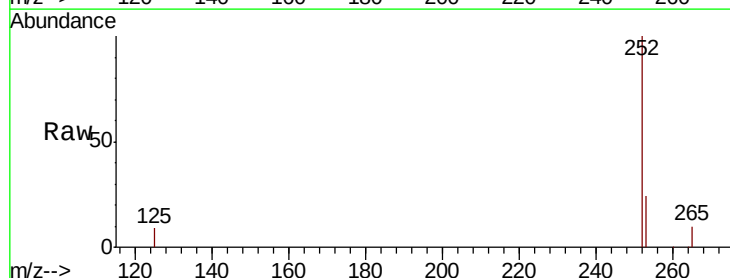
RT: 22.76 min Scan# 6465

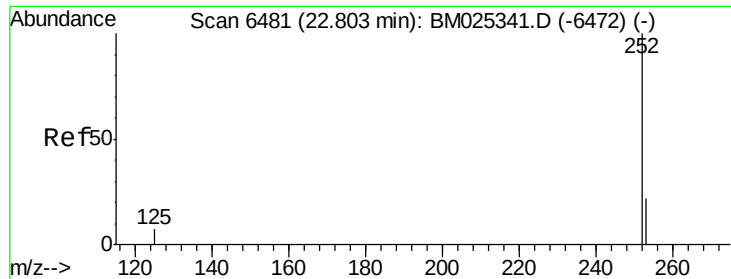
Delta R.T. -0.00 min

Lab File: BM025353.D

Acq: 07 Mar 2020 17:03

Tgt Ion:	252	Resp:	59264
Ion	Ratio	Lower	Upper
252	100		
253	24.0	0.0	49.8
125	9.1	0.0	28.6





#22

Benzo(k)fluoranthene

Concen: 0.208 ng/ul m

RT: 22.80 min Scan# 6480

Delta R.T. -0.01 min

Lab File: BM025353.D

Acq: 07 Mar 2020 17:03

Instrument :

BNA_M

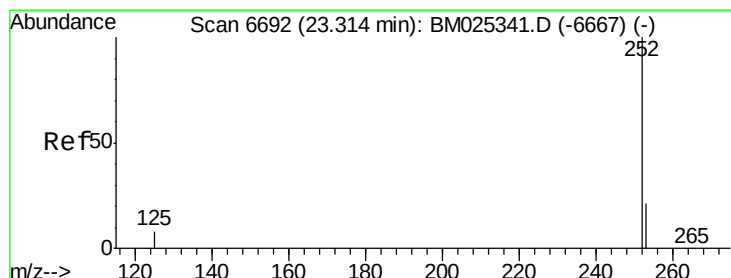
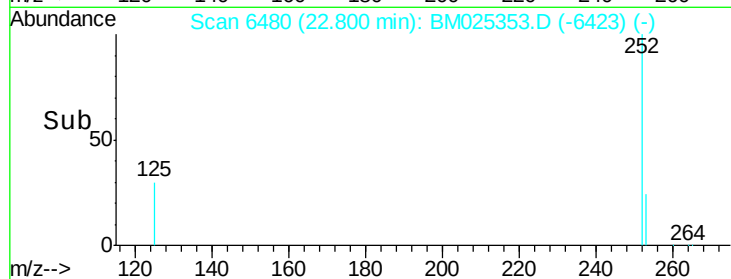
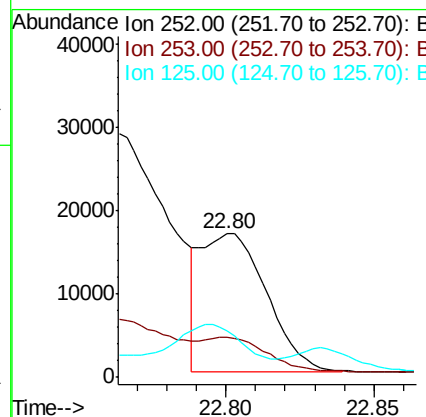
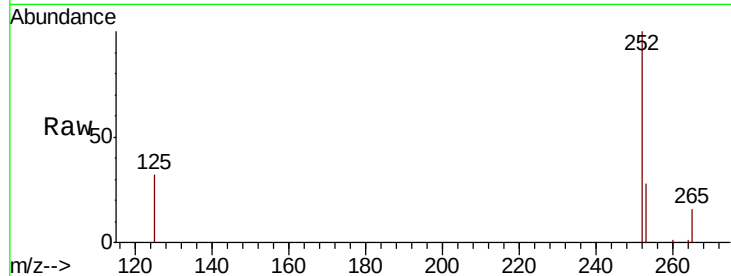
ClientSampleId :

DBDM7

Tot Ion	Ratio	Lower	Upper
252	100		
253	27.8	19.4	29.0
125	32.2	10.7	16.1

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#23

Benzo(a)pyrene

Concen: 0.257 ng/ul m

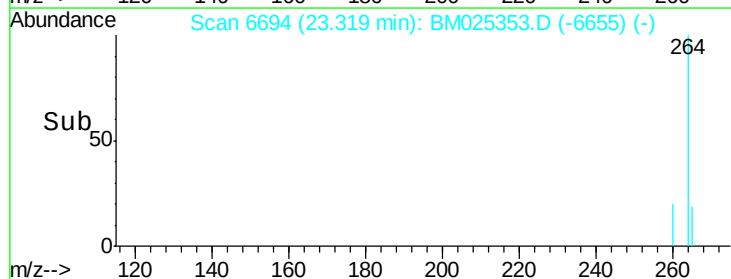
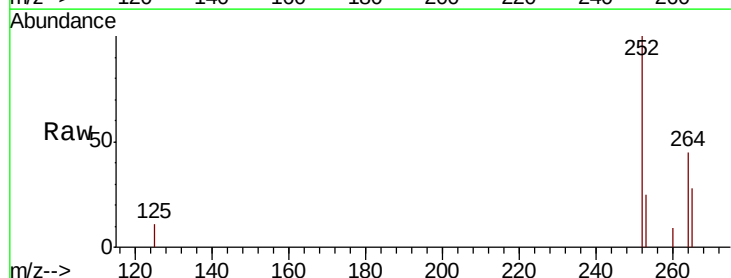
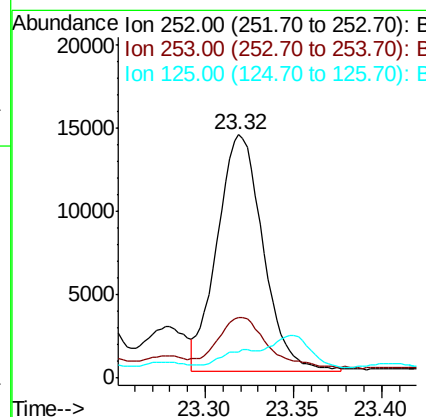
RT: 23.32 min Scan# 6694

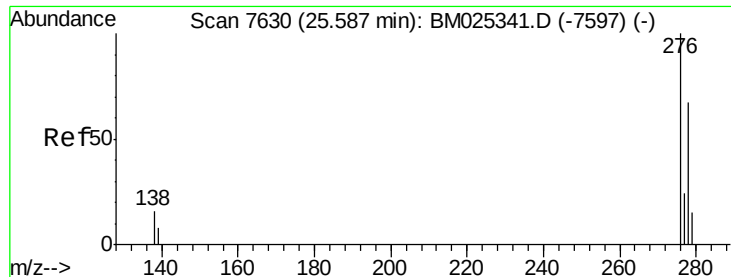
Delta R.T. -0.00 min

Lab File: BM025353.D

Acq: 07 Mar 2020 17:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.0	20.3	30.5
125	10.8	13.0	19.4





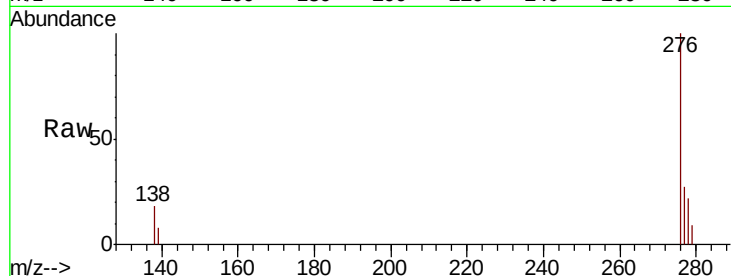
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.095 ng/ul
RT: 25.58 min Scan# 7629
Delta R.T. -0.02 min
Lab File: BM025353.D
Acq: 07 Mar 2020 17:03

Instrument :
BNA_M
ClientSampleId :
DBDM7

Tot Ion	Ratio	Lower	Upper
276	100		
138	17.5	0.0	0.0#
227	0.0	0.0	0.0

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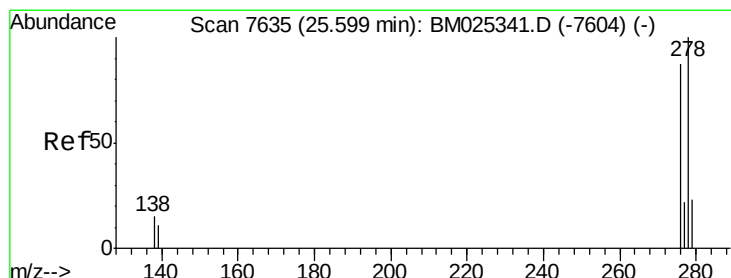
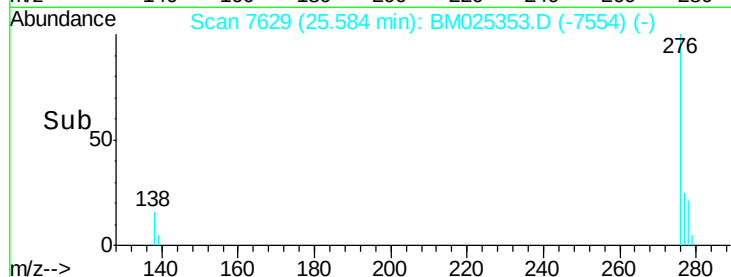
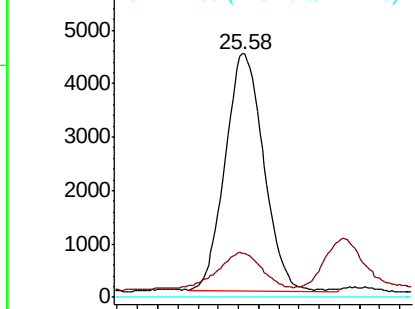


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E



#25
Dibenzo(a,h)anthracene
Concen: 0.030 ng/ul
RT: 25.59 min Scan# 7632
Delta R.T. -0.03 min
Lab File: BM025353.D
Acq: 07 Mar 2020 17:03

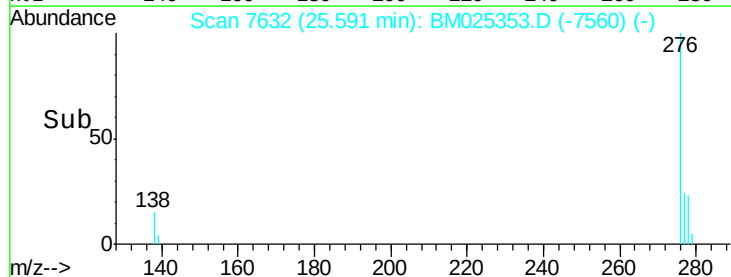
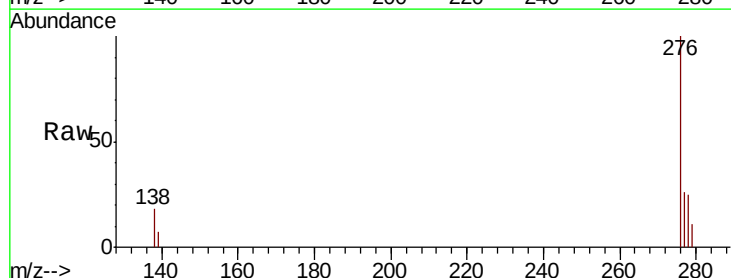
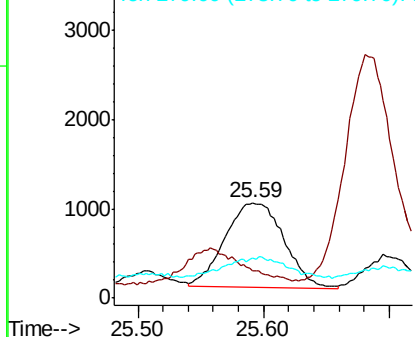
Tgt Ion	Ratio	Lower	Upper
278	100		
139	28.3	13.2	19.8#
279	42.4	21.0	31.4#

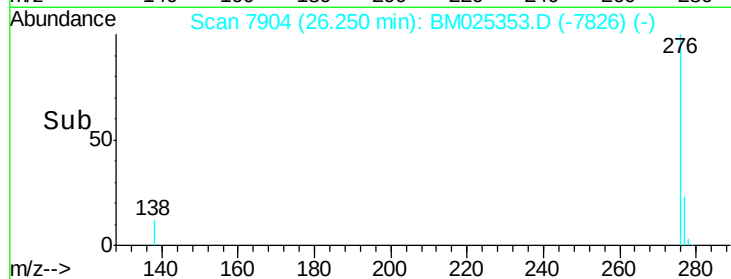
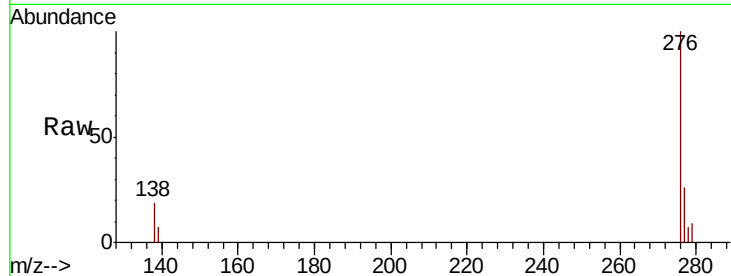
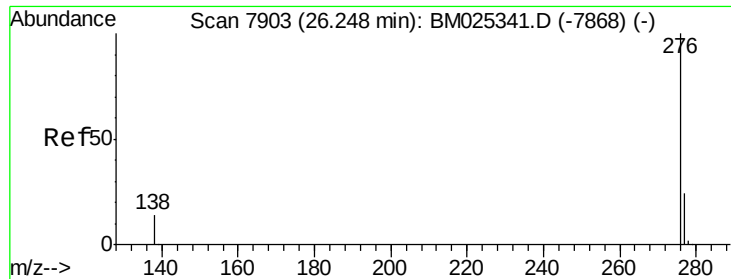
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#26

Benzo(a,h,i)perylene

Concen: 0.068 ng/ul

RT: 26.25 min Scan# 7904

Delta R.T. -0.01 min

Lab File: BM025353.D

Acq: 07 Mar 2020 17:03

Tot Ion:	276	Resp:	7156
Ion Ratio	Lower	Upper	
276	100		
138	19.3	17.9	26.9
277	26.5	20.5	30.7

Instrument :

BNA_M

ClientSampleId :

DBDM7

Manual Integrations
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