

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030620\
 Data File : BM025347.D
 Acq On : 07 Mar 2020 13:28
 Operator : CG/JU
 Sample : L1616-19
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBDR3

Manual Integrations
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Quant Time: Mar 07 21:35:20 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	4021	0.40	ng/ul	0.00
2) Naphthalene-d8	10.43	136	18212	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.30	164	13586	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	30856m	0.40	ng/ul	0.00
16) Chrysene-d12	21.22	240	28614	0.40	ng/ul	0.00
20) Perylene-d12	23.41	264	25828	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	9465	0.28	ng/ul	-0.01
14) Fluoranthene-d10	19.07	212	30735	0.31	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.48	128	20453	0.373	ng/ul#	83
5) 2-Methylnaphthalene	12.10	142	7615	0.191	ng/ul	99
7) Acenaphthylene	14.01	152	14063	0.221	ng/ul	95
8) Acenaphthene	14.36	153	56820	1.152	ng/ul	98
9) Fluorene	15.35	166	29567	0.478	ng/ul	96
12) Phenanthrene	17.08	178	63893	0.642	ng/ul	95
13) Anthracene	17.17	178	37667	0.427	ng/ul	96
15) Fluoranthene	19.10	202	358904	2.882	ng/ul	96
17) Pyrene	19.46	202	390058	3.594	ng/ul	97
18) Benzo(a)anthracene	21.21	228	536136	5.097	ng/ul	100
19) Chrysene	21.26	228	762560m	6.598	ng/ul	
21) Benzo(b)fluoranthene	22.76	252	772174m	7.472	ng/ul	
22) Benzo(k)fluoranthene	22.80	252	270143m	2.493	ng/ul	
23) Benzo(a)pyrene	23.32	252	442646	5.102	ng/ul#	88
24) Indeno(1,2,3-cd)pyrene	25.58	276	145271	1.343	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.59	278	37330	0.417	ng/ul#	96
26) Benzo(a,h,i)perylene	26.24	276	92738	1.010	ng/ul#	92

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

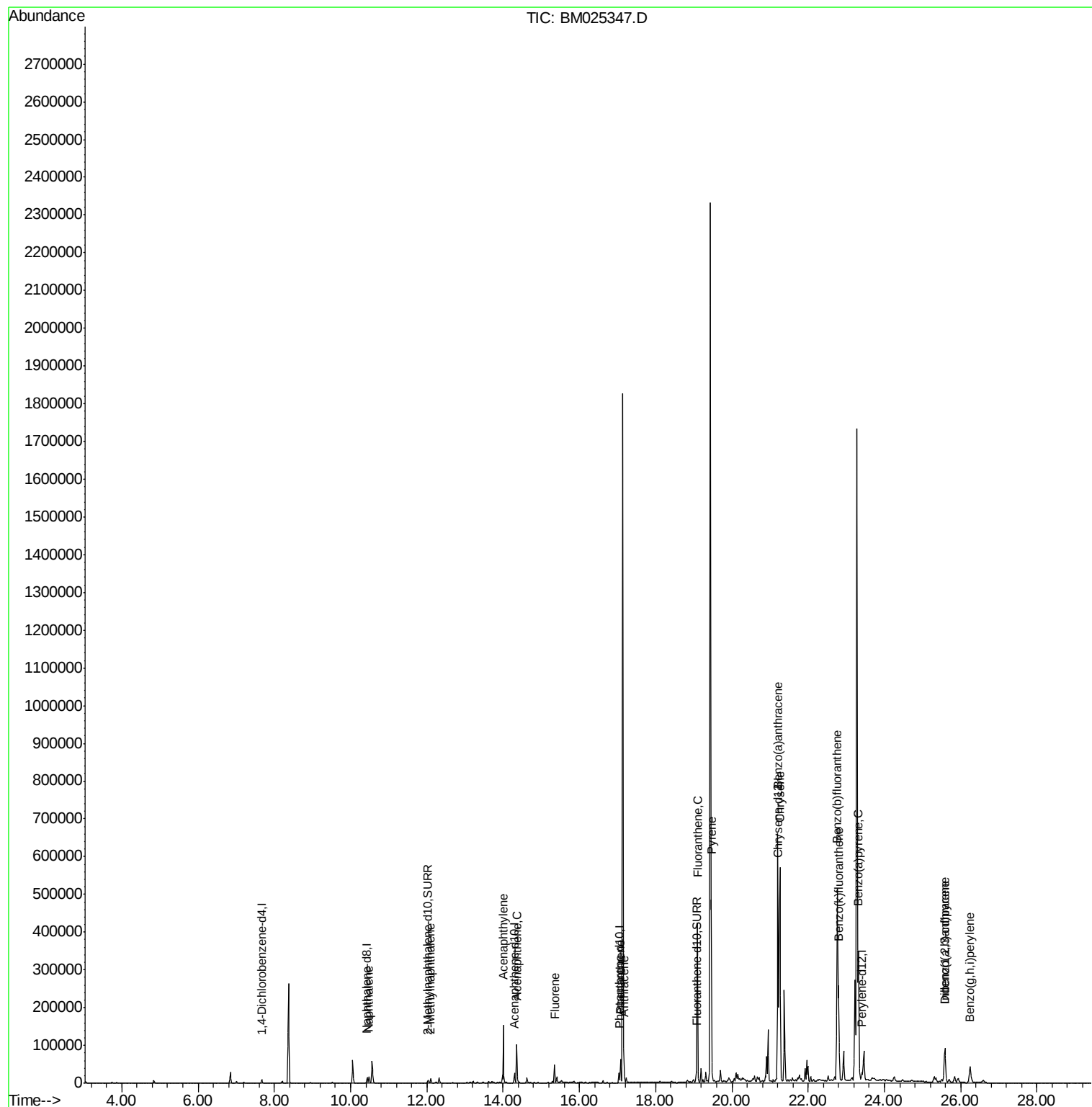
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030620\
Data File : BM025347.D
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ALS Vial : 33 Sample Multiplier: 1

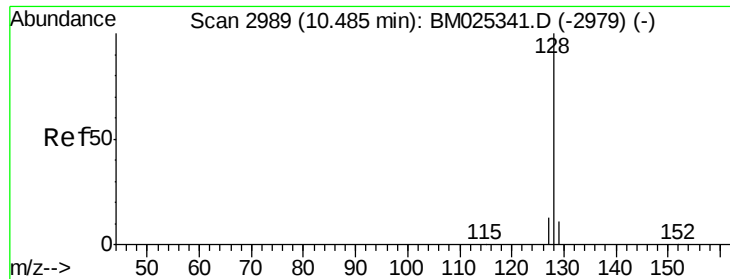
Instrument :
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DBDR3

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Quant Time: Mar 07 21:35:20 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: 0.373 ng/ul

RT: 10.48 min Scan# 2989

Delta R.T. -0.01 min

Lab File: BM025347.D

Acq: 07 Mar 2020 13:28

Instrument :

BNA_M

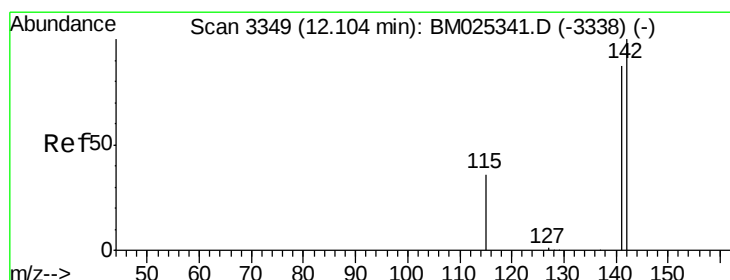
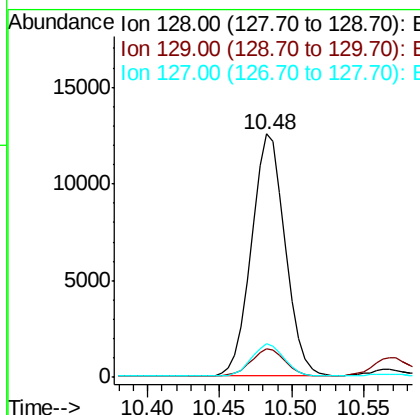
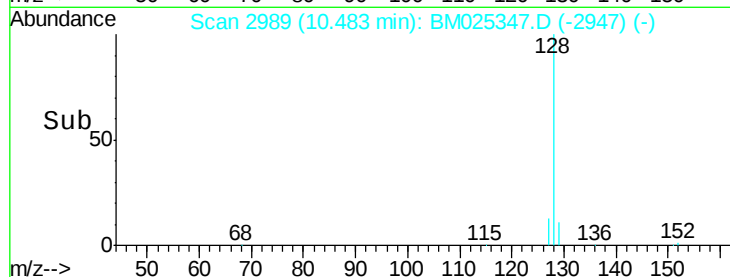
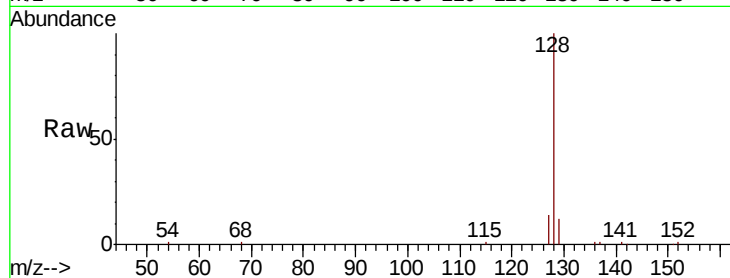
ClientSampleId :

DBDR3

Tot Ion:	128	Resp:	20453
Ion Ratio	Lower	Upper	
128	100		
129	11.6	17.0	25.6#
127	13.6	15.7	23.5#

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#5

2-Methylnaphthalene

Concen: 0.191 ng/ul

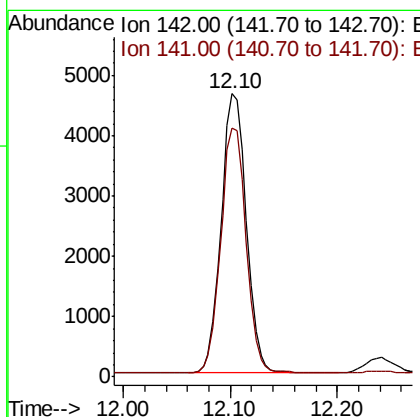
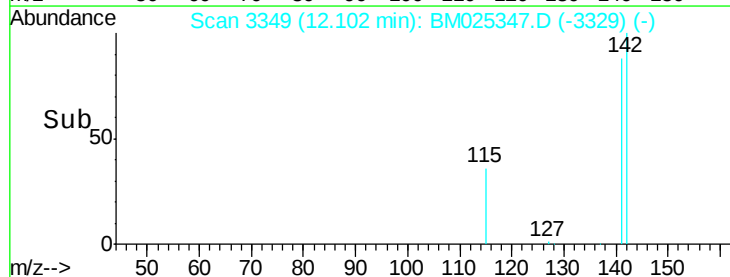
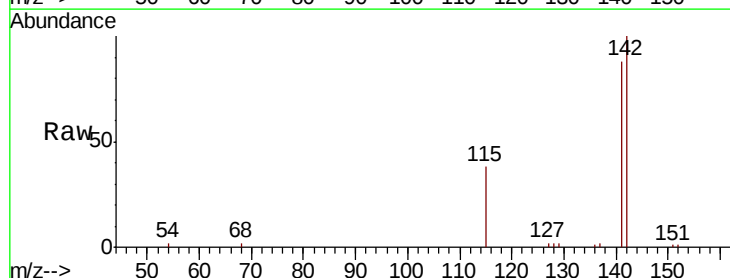
RT: 12.10 min Scan# 3349

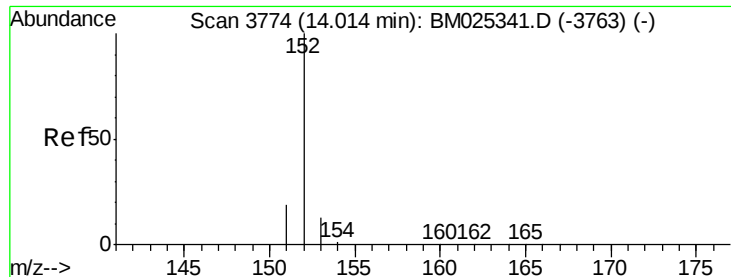
Delta R.T. -0.01 min

Lab File: BM025347.D

Acq: 07 Mar 2020 13:28

Tgt Ion:	142	Resp:	7615
Ion Ratio	Lower	Upper	
142	100		
141	88.5	69.8	104.8





#7

Acenaphthylene

Concen: 0.221 ng/ul

RT: 14.01 min Scan# 3774

Delta R.T. -0.01 min

Lab File: BM025347.D

Acq: 07 Mar 2020 13:28

Instrument :

BNA_M

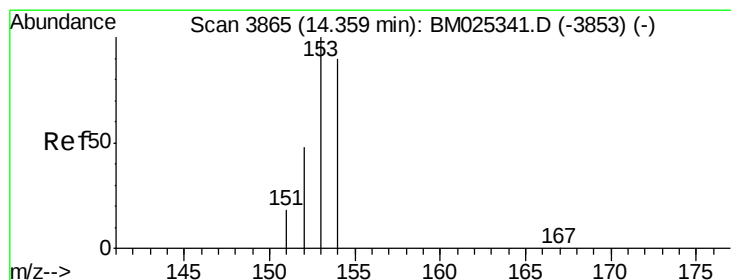
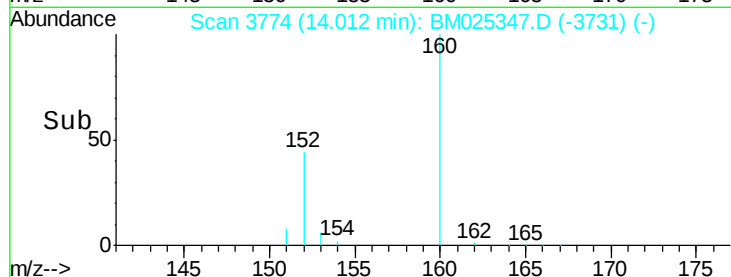
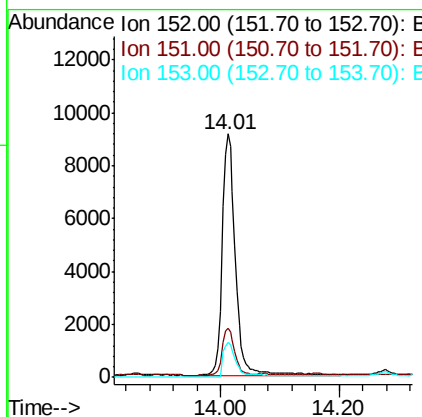
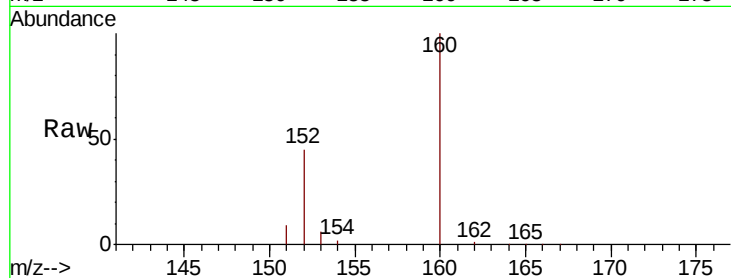
ClientSampleId :

DBDR3

Tot Ion:	152	Resp:	14063
Ion	Ratio	Lower	Upper
152	100		
151	20.0	17.8	26.8
153	14.3	13.3	19.9

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#8

Acenaphthene

Concen: 1.152 ng/ul

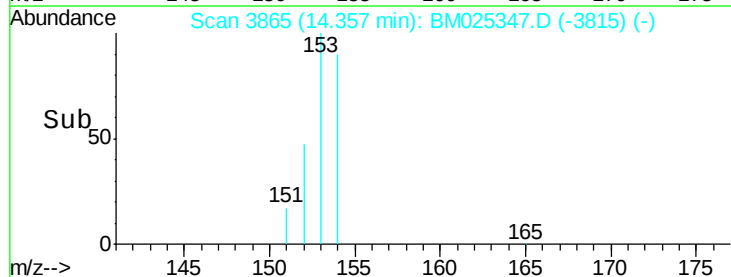
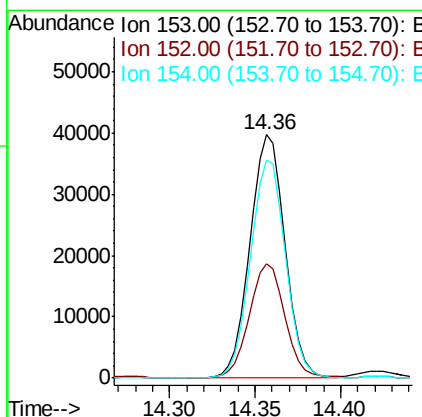
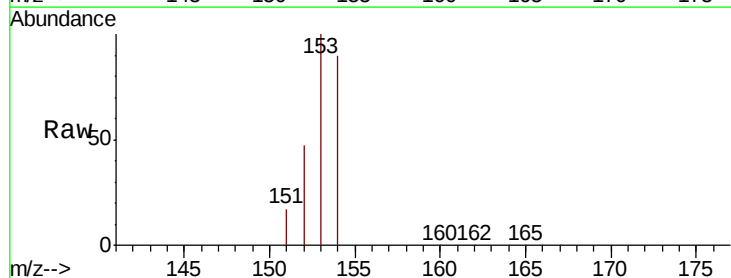
RT: 14.36 min Scan# 3865

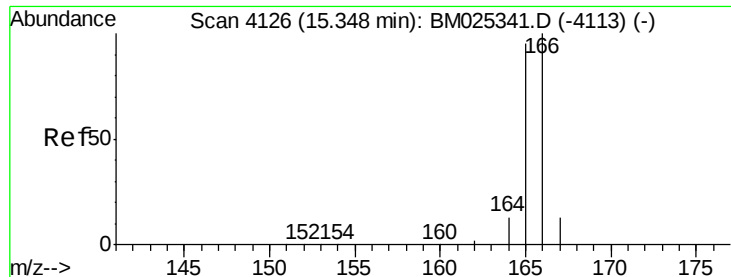
Delta R.T. -0.01 min

Lab File: BM025347.D

Acq: 07 Mar 2020 13:28

Tgt Ion:	153	Resp:	56820
Ion	Ratio	Lower	Upper
153	100		
152	47.0	40.0	60.0
154	89.6	71.0	106.6





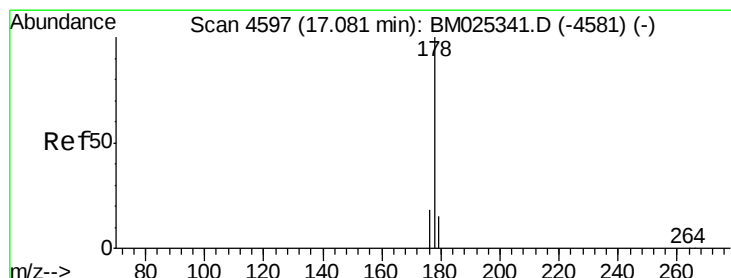
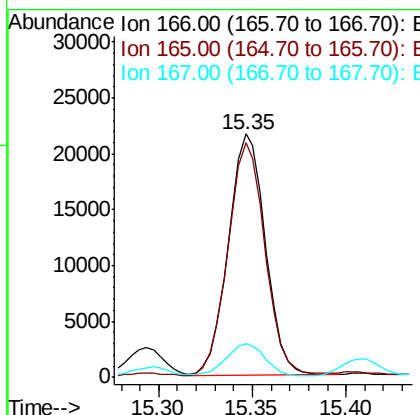
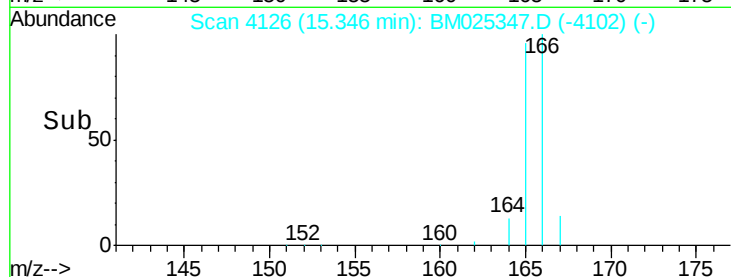
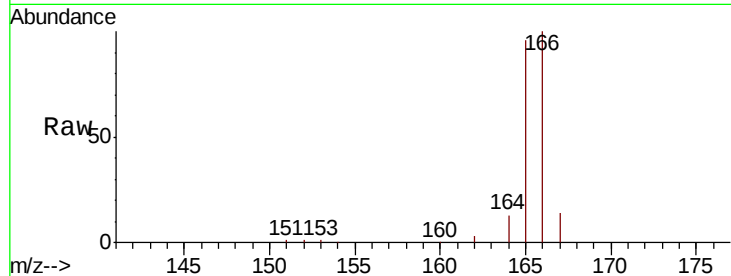
#9
Fluorene
 Concen: 0.478 ng/ul
 RT: 15.35 min Scan# 4126
 Delta R.T. -0.01 min
 Lab File: BM025347.D
 Acq: 07 Mar 2020 13:28

Instrument :
 BNA_M
 ClientSampleID :
 DBDR3

Tot Ion	Ratio	Lower	Upper
166	100		
165	96.1	80.0	120.0
167	13.9	13.7	20.5

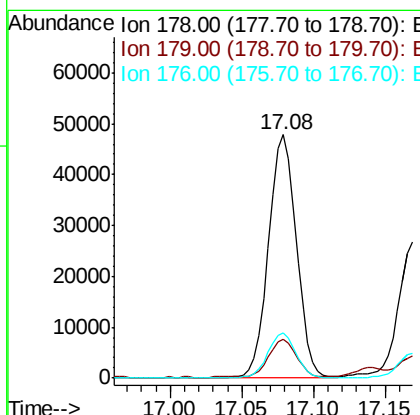
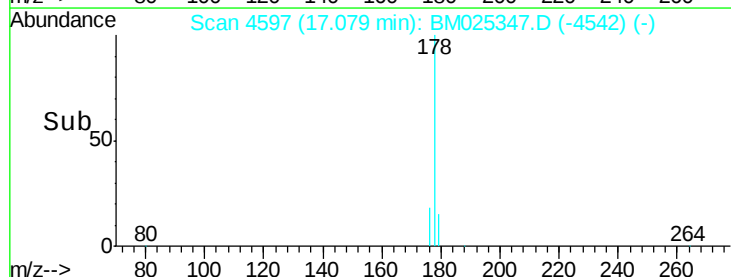
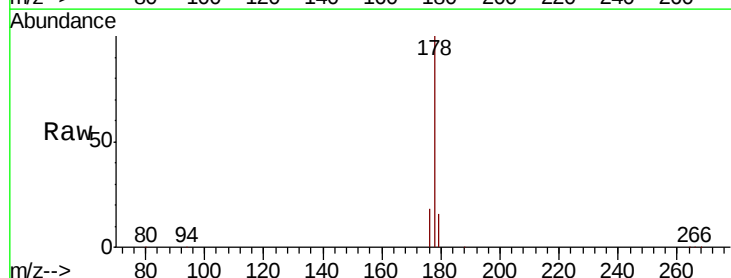
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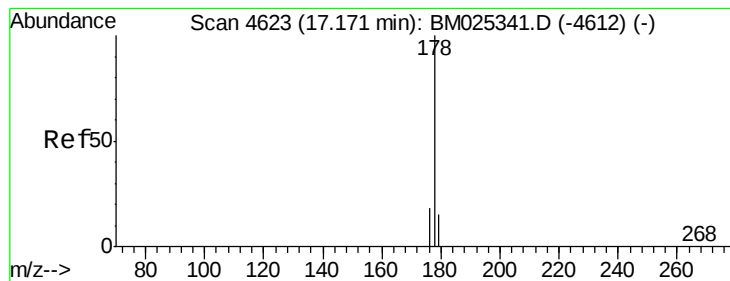
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#12
Phenanthrene
 Concen: 0.642 ng/ul
 RT: 17.08 min Scan# 4597
 Delta R.T. -0.01 min
 Lab File: BM025347.D
 Acq: 07 Mar 2020 13:28

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.8	14.0	21.0
176	18.3	16.6	24.8





#13

Anthracene

Concen: 0.427 ng/ul

RT: 17.17 min Scan# 4623

Delta R.T. -0.01 min

Lab File: BM025347.D

Acq: 07 Mar 2020 13:28

Instrument :

BNA_M

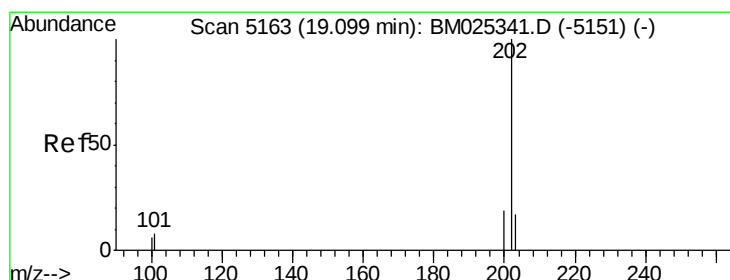
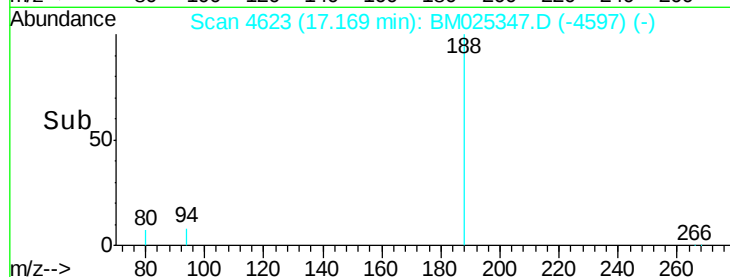
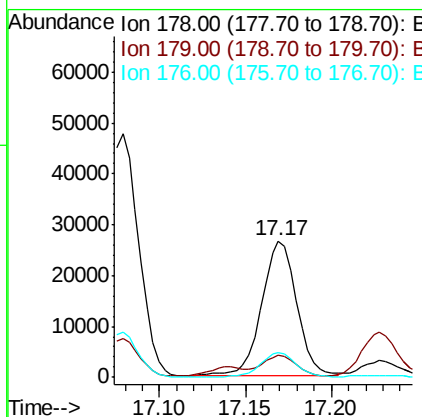
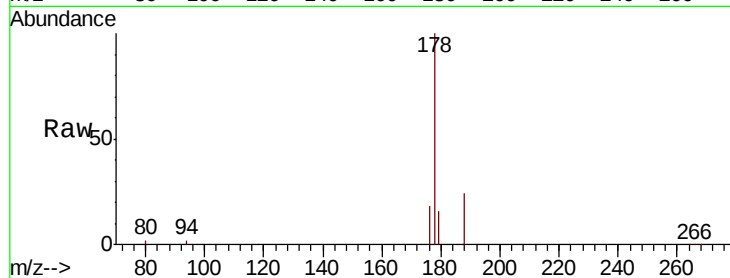
ClientSampleId :

DBDR3

Tot Ion:	178	Resp:	37667
Ion Ratio	Lower	Upper	
178	100		
179	16.1	14.1	21.1
176	18.3	16.2	24.4

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#15

Fluoranthene

Concen: 2.882 ng/ul

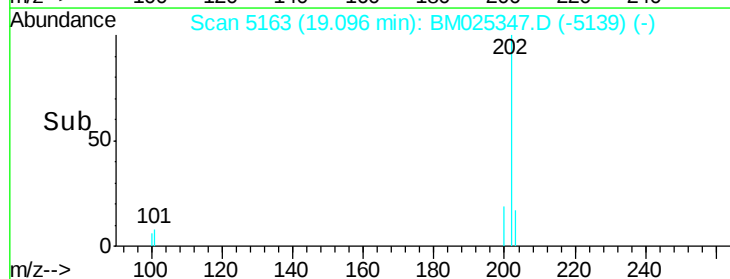
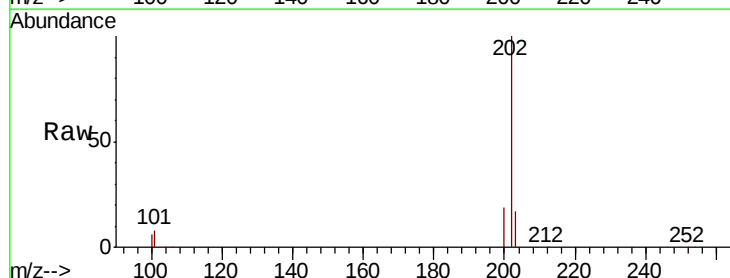
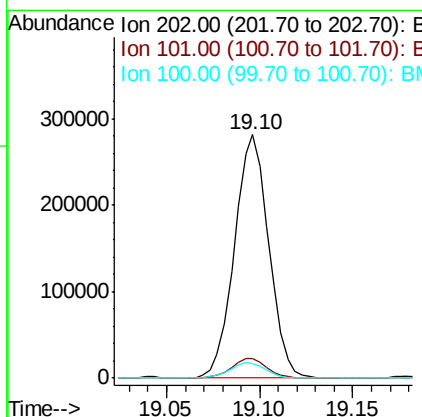
RT: 19.10 min Scan# 5163

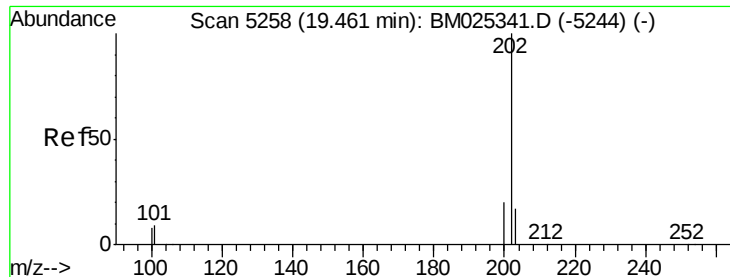
Delta R.T. -0.01 min

Lab File: BM025347.D

Acq: 07 Mar 2020 13:28

Tgt Ion:	202	Resp:	358904
Ion Ratio	Lower	Upper	
202	100		
101	8.1	0.0	29.4
100	6.2	0.0	28.0





#17

Pvrene

Concen: 3.594 ng/ul

RT: 19.46 min Scan# 5258

Delta R.T. -0.01 min

Lab File: BM025347.D

Acq: 07 Mar 2020 13:28

Instrument :

BNA_M

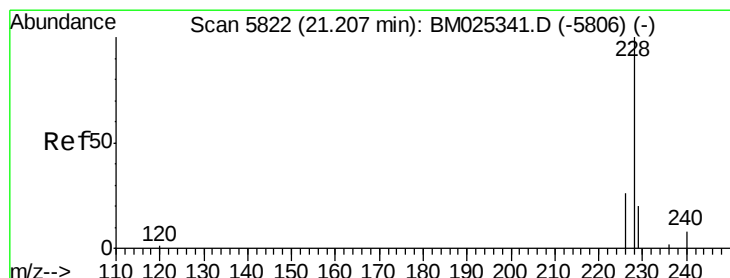
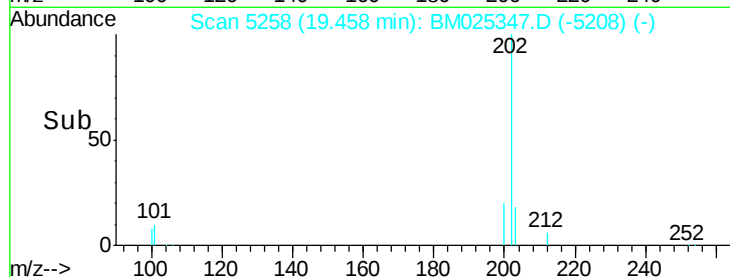
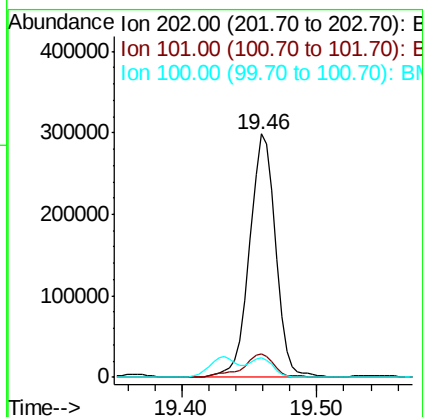
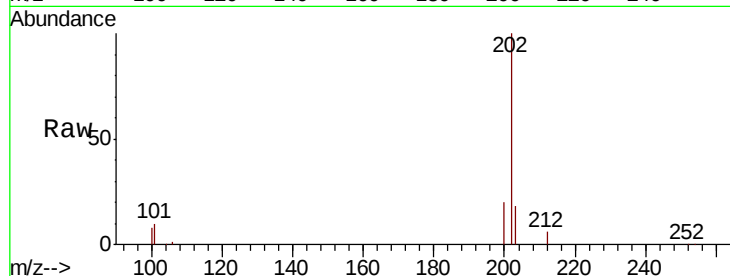
ClientSampleId :

DBDR3

Tot Ion:	202	Resp:	390058
Ion Ratio	Lower	Upper	
202	100		
101	9.9	8.7	13.1
100	8.1	7.3	10.9

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#18

Benzo(a)anthracene

Concen: 5.097 ng/ul

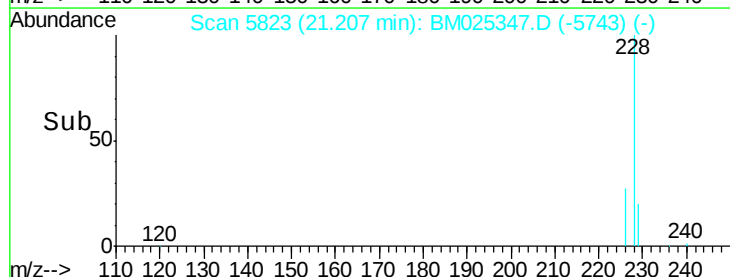
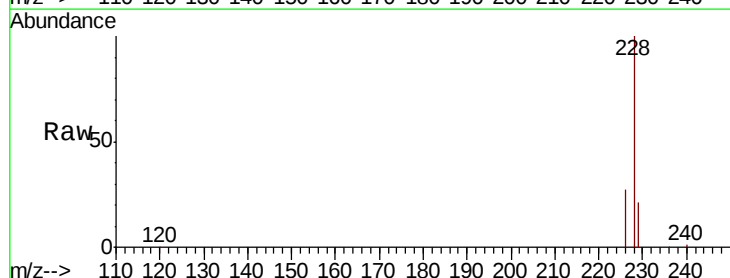
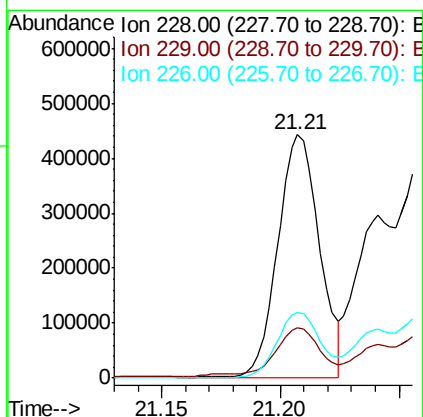
RT: 21.21 min Scan# 5823

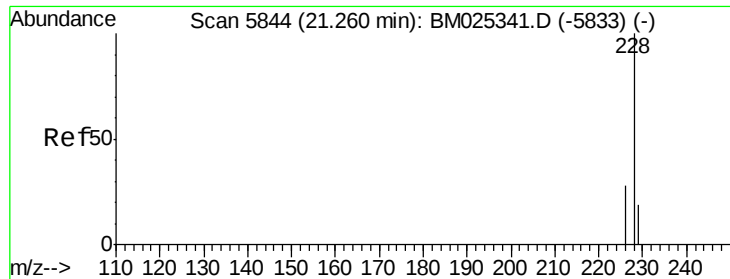
Delta R.T. -0.01 min

Lab File: BM025347.D

Acq: 07 Mar 2020 13:28

Tgt Ion:	228	Resp:	536136
Ion Ratio	Lower	Upper	
228	100		
229	20.8	16.6	25.0
226	27.2	21.9	32.9





#19

Chrysene

Concen: 6.598 ng/ul m

RT: 21.26 min Scan# 5845

Delta R.T. -0.01 min

Lab File: BM025347.D

Acq: 07 Mar 2020 13:28

Instrument :

BNA_M

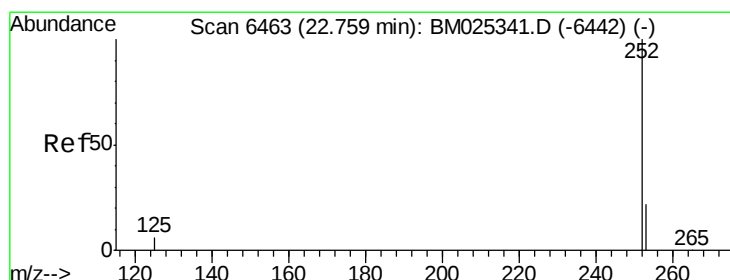
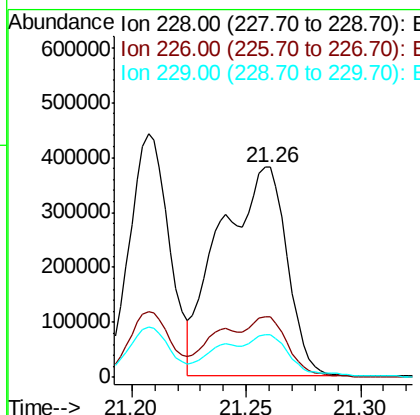
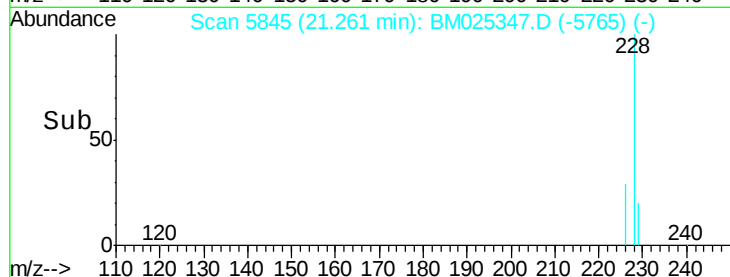
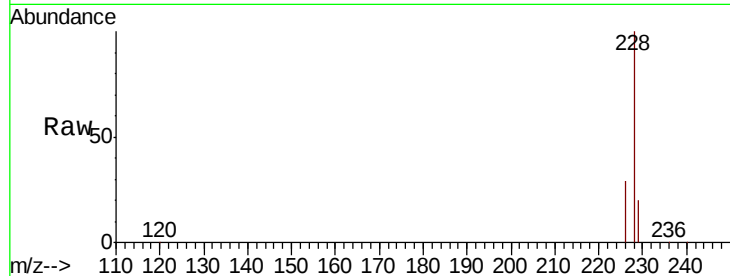
ClientSampleId :

DBDR3

Tot Ion:	228	Resp:	762560
Ion Ratio	Lower	Upper	
228	100		
226	28.9	23.8	35.8
229	20.3	16.9	25.3

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#21

Benzo(b)fluoranthene

Concen: 7.472 ng/ul m

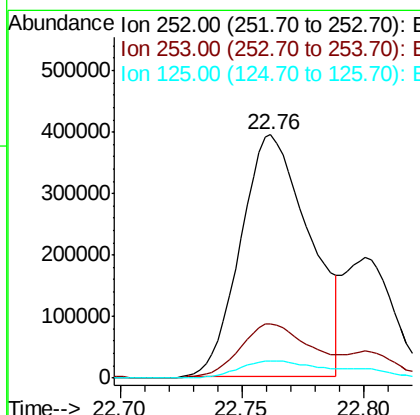
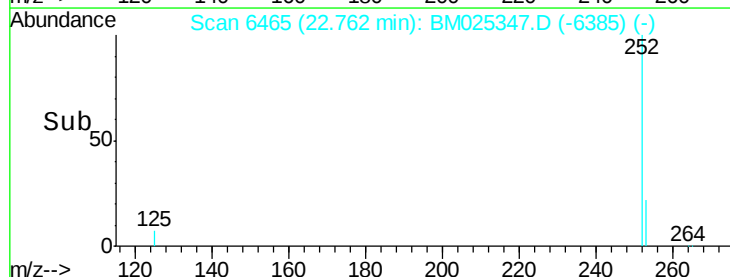
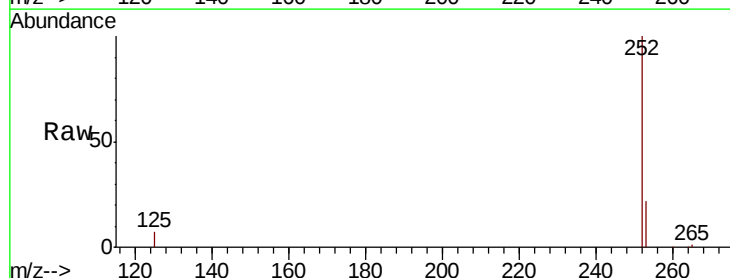
RT: 22.76 min Scan# 6465

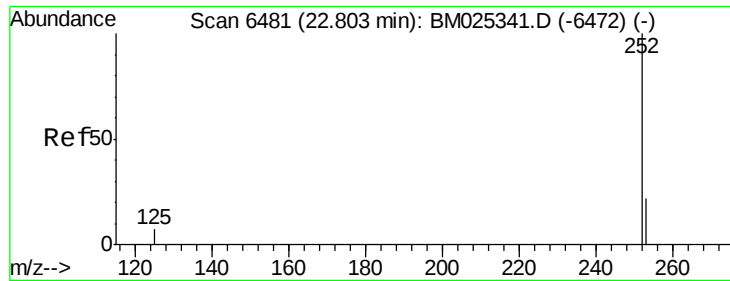
Delta R.T. -0.01 min

Lab File: BM025347.D

Acq: 07 Mar 2020 13:28

Tgt Ion:	252	Resp:	772174
Ion Ratio	Lower	Upper	
252	100		
253	22.4	0.0	49.8
125	7.2	0.0	28.6





#22

Benzo(k)fluoranthene

Concen: 2.493 ng/ul m

RT: 22.80 min Scan# 6481

Delta R.T. -0.01 min

Lab File: BM025347.D

Acq: 07 Mar 2020 13:28

Instrument :

BNA_M

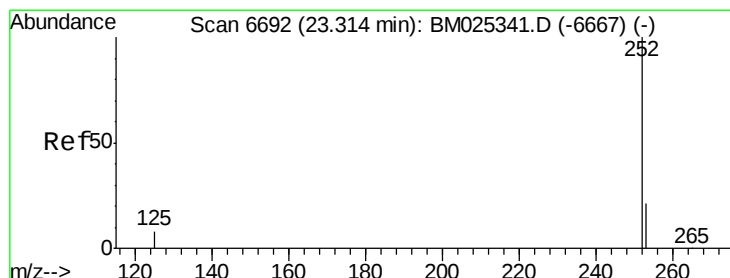
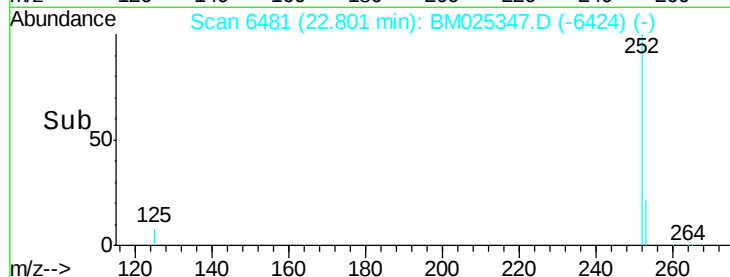
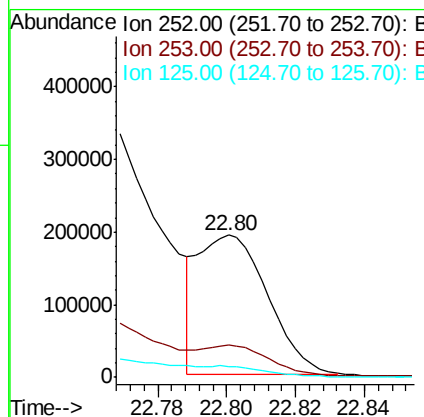
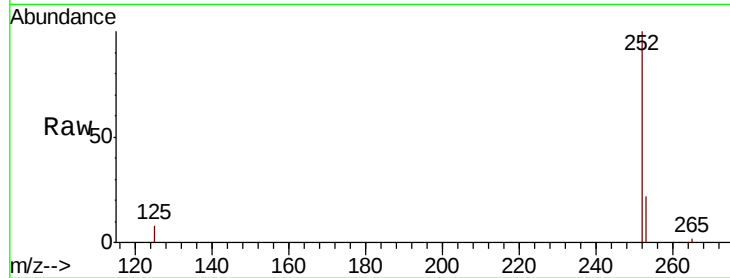
ClientSampled :

DBDR3

Tot Ion	Ratio	Resp	Lower	Upper
252	100	270143		
253	22.5	19.4	29.0	
125	7.9	10.7	16.1	#

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#23

Benzo(a)pyrene

Concen: 5.102 ng/ul

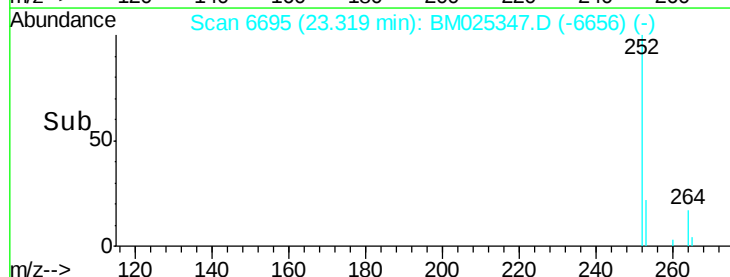
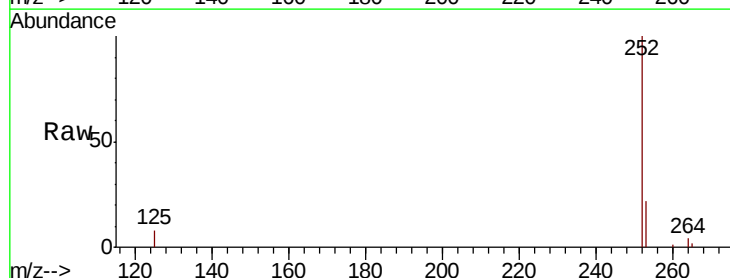
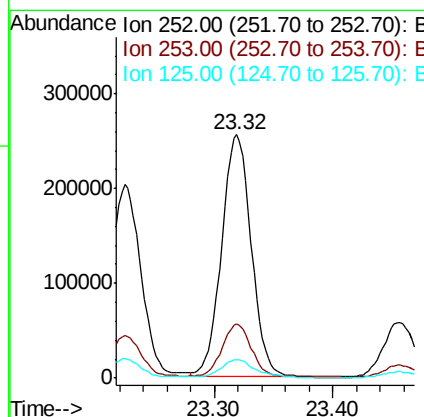
RT: 23.32 min Scan# 6695

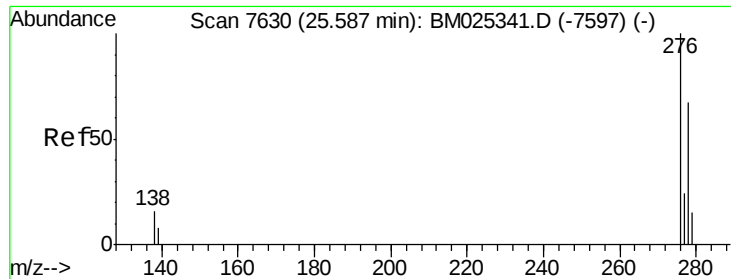
Delta R.T. -0.00 min

Lab File: BM025347.D

Acq: 07 Mar 2020 13:28

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	442646		
253	22.1	20.3	30.5	
125	7.8	13.0	19.4	#





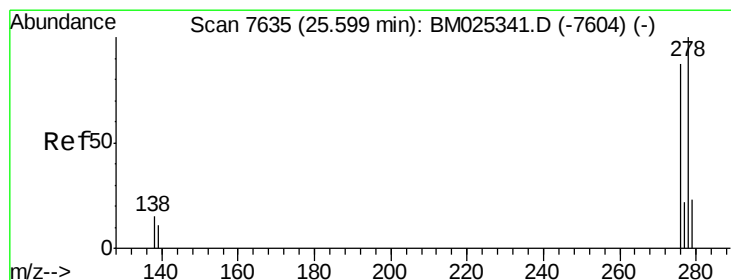
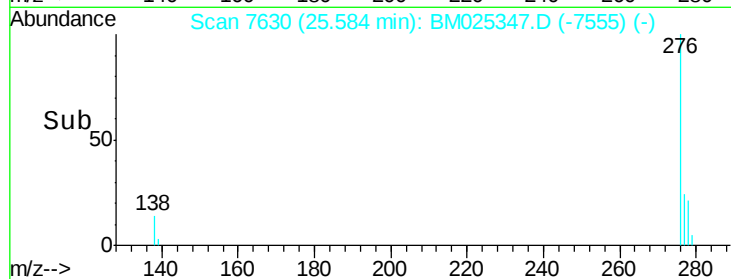
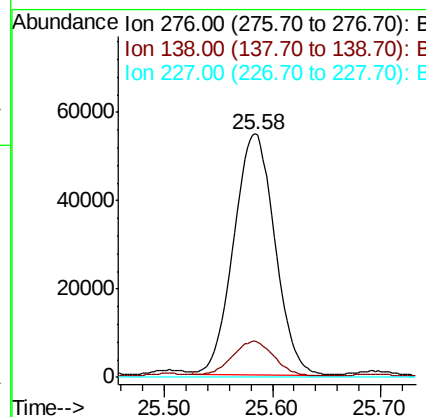
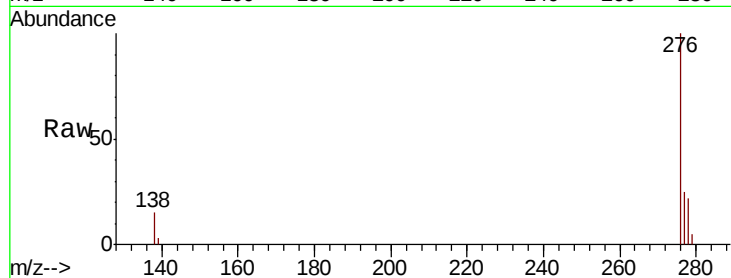
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 1.343 ng/uL
 RT: 25.58 min Scan# 7630
 Delta R.T. -0.02 min
 Lab File: BM025347.D
 Acq: 07 Mar 2020 13:28

Instrument :
 BNA_M
 ClientSampleId :
 DBDR3

Tot Ion	Ratio	Resp	Lower	Upper
276	100	145271		
138	14.8	0.0	0.0	0.0
227	0.0	0.0	0.0	0.0

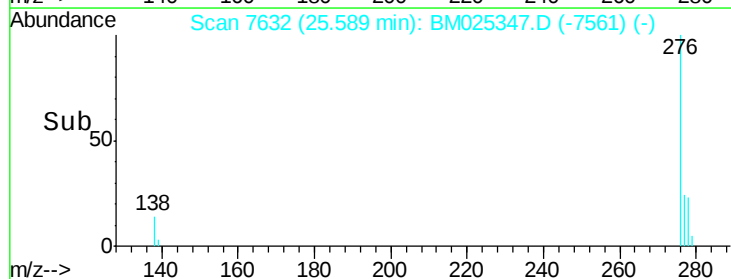
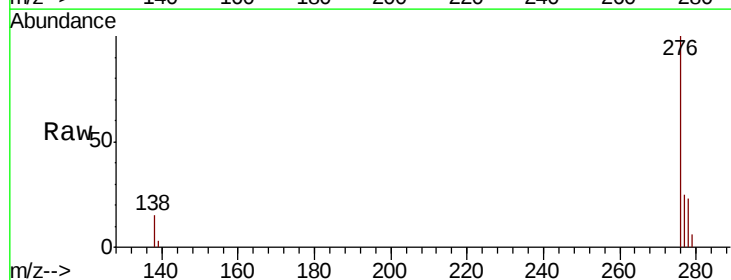
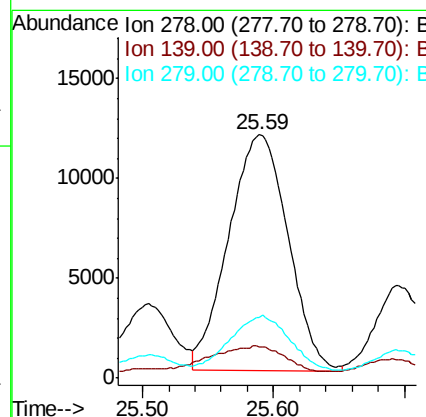
Manual Integrations
 APPROVED

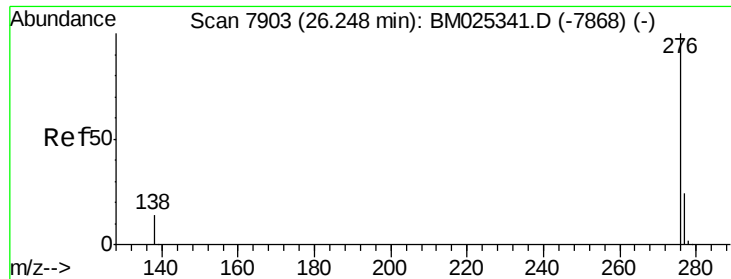
mohammad
 3/9/2020 3:01:30 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.417 ng/uL
 RT: 25.59 min Scan# 7632
 Delta R.T. -0.03 min
 Lab File: BM025347.D
 Acq: 07 Mar 2020 13:28

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	37330		
139	13.0	13.2	19.8	
279	25.1	21.0	31.4	





#26
 Benzo(a,h,i)perylene
 Concen: 1.010 ng/ul
 RT: 26.24 min Scan# 7902
 Delta R.T. -0.02 min
 Lab File: BM025347.D
 Acq: 07 Mar 2020 13:28

Instrument :
 BNA_M
 ClientSampleId :
 DBDR3

Tot Ion	Ratio	Lower	Upper
276	100		
138	15.1	17.9	26.9#
277	24.4	20.5	30.7

Manual Integrations
 APPROVED

mohammad
 3/9/2020 3:01:30 PM

