

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030620\
 Data File : BM025343.D
 Acq On : 07 Mar 2020 11:05
 Operator : CG/JU
 Sample : L1615-19
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBDP3

Manual Integrations
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Quant Time: Mar 07 21:22:58 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 19:35:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	2134	0.40	ng/ul	0.00
2) Naphthalene-d8	10.44	136	9479	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	6842	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	15758m	0.40	ng/ul	0.00
16) Chrysene-d12	21.22	240	15191	0.40	ng/ul	0.00
20) Perylene-d12	23.41	264	14124	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	4159	0.23	ng/ul	-0.01
14) Fluoranthene-d10	19.07	212	12244	0.24	ng/ul	0.00
Target Compounds				Ovalue		
7) Acenaphthylene	14.01	152	709	0.022	ng/ul#	69
12) Phenanthrene	17.08	178	2291	0.045	ng/ul	95
13) Anthracene	17.17	178	2633	0.058	ng/ul	97
15) Fluoranthene	19.10	202	3941	0.062	ng/ul	96
17) Pyrene	19.46	202	4477	0.078	ng/ul#	94
18) Benzo(a)anthracene	21.21	228	2453	0.044	ng/ul	91
19) Chrysene	21.26	228	3778	0.062	ng/ul	95
21) Benzo(b)fluoranthene	22.76	252	6983m	0.124	ng/ul	
22) Benzo(k)fluoranthene	22.80	252	2643m	0.045	ng/ul	
23) Benzo(a)pyrene	23.32	252	2356	0.050	ng/ul#	47
24) Indeno(1,2,3-cd)pyrene	25.58	276	2019	0.034	ng/ul#	100
26) Benzo(g,h,i)perylene	26.25	276	1254	0.025	ng/ul#	69

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

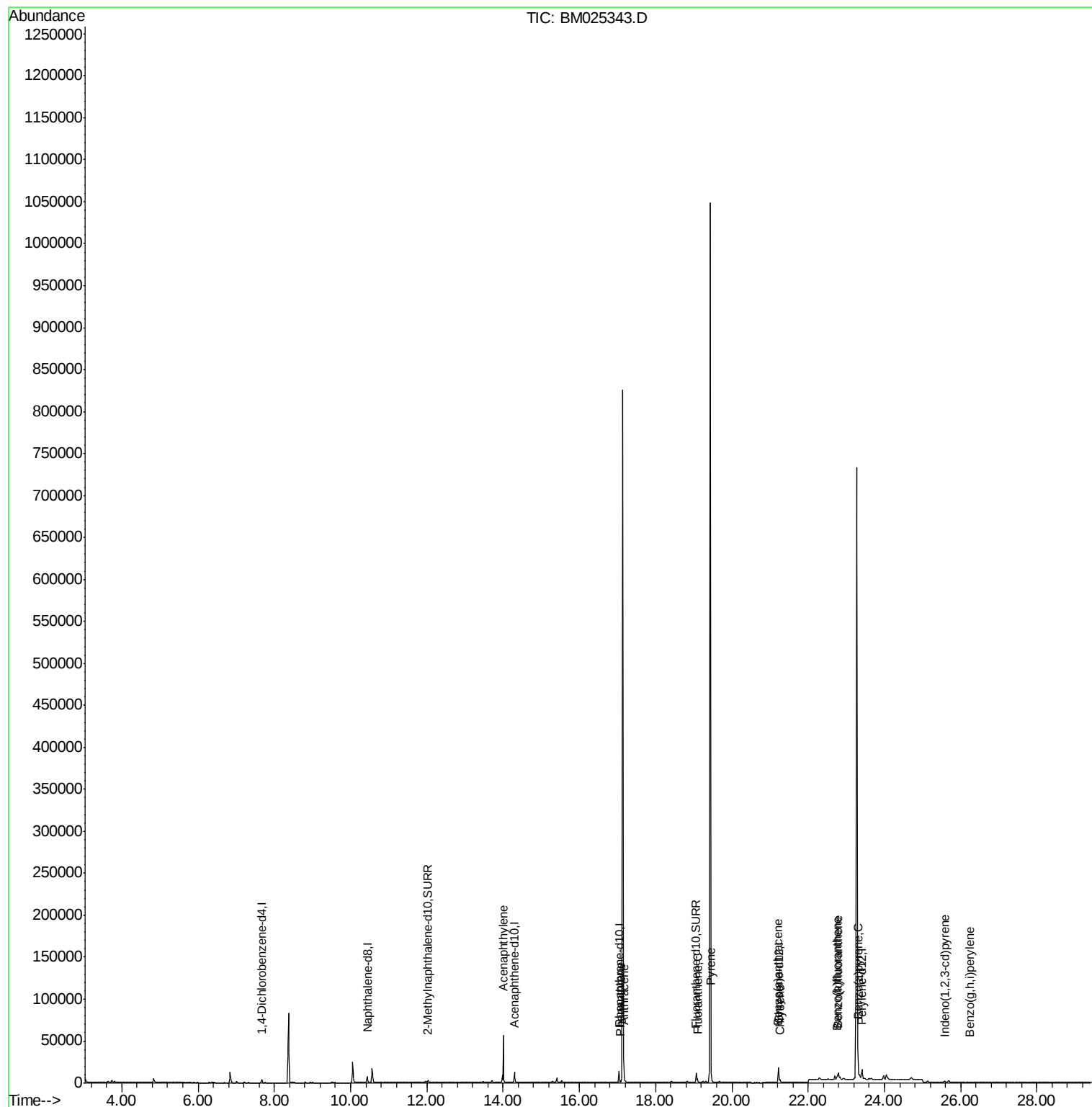
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030620\
Data File : BM025343.D
Acq On : 07 Mar 2020 11:05
Operator : CG/JU
Sample : L1615-19
Misc :
ALS Vial : 29 Sample Multiplier: 1

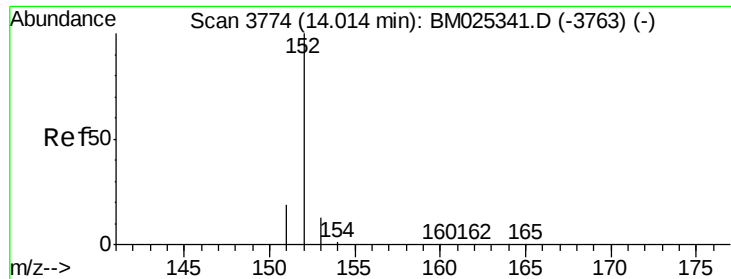
Instrument :
BNA_M
ClientSampleId :
DBDP3

Quant Time: Mar 07 21:22:58 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030320.M
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#7

Acenaphthylene

Concen: 0.022 ng/ul

RT: 14.01 min Scan# 3773

Delta R.T. -0.01 min

Lab File: BM025343.D

Acq: 07 Mar 2020 11:05

Instrument :

BNA_M

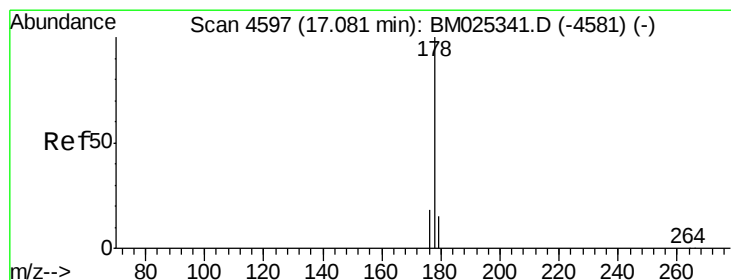
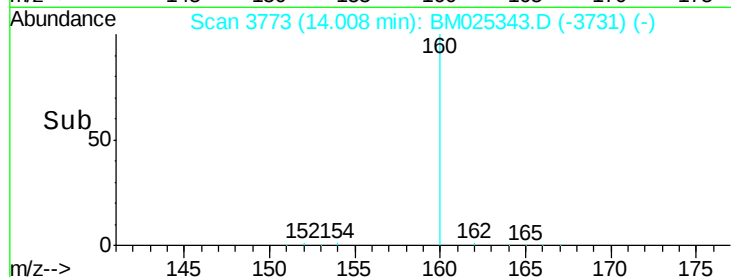
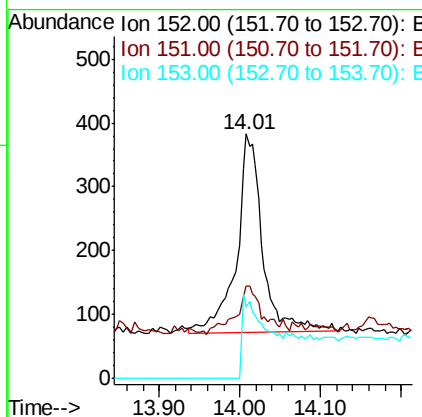
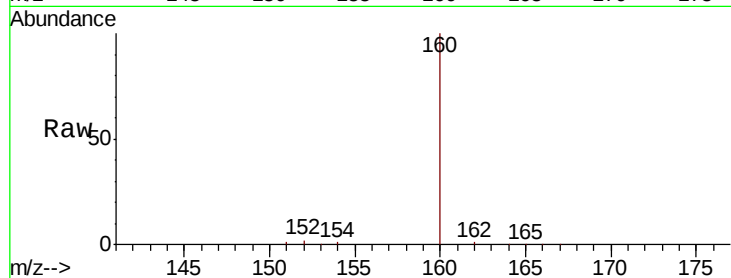
ClientSampleId :

DBDP3

Tot Ion:	152	Resp:	709
Ion Ratio	Lower	Upper	
152	100		
151	37.6	17.8	26.8#
153	29.2	13.3	19.9#

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#12

Phenanthrene

Concen: 0.045 ng/ul

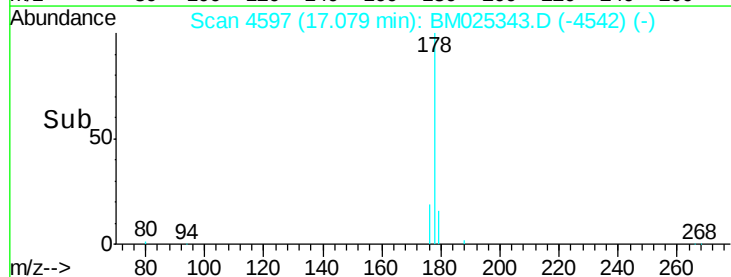
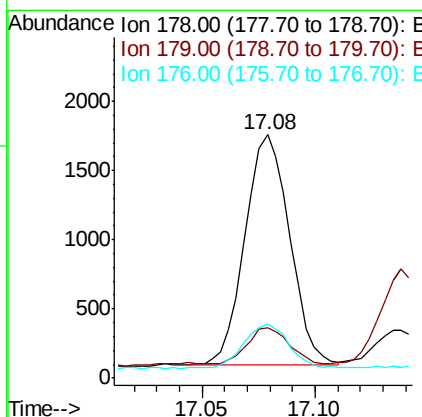
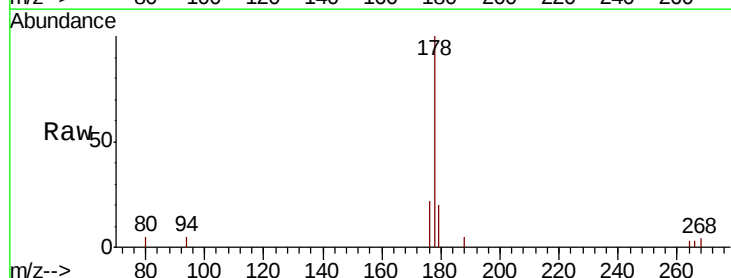
RT: 17.08 min Scan# 4597

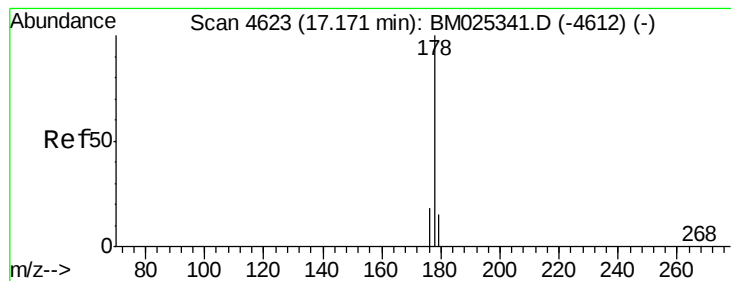
Delta R.T. -0.01 min

Lab File: BM025343.D

Acq: 07 Mar 2020 11:05

Tgt Ion:	178	Resp:	2291
Ion Ratio	Lower	Upper	
178	100		
179	20.4	14.0	21.0
176	22.2	16.6	24.8





#13

Anthracene

Concen: 0.058 ng/ul

RT: 17.17 min Scan# 4623

Delta R.T. -0.01 min

Lab File: BM025343.D

Acq: 07 Mar 2020 11:05

Instrument :

BNA_M

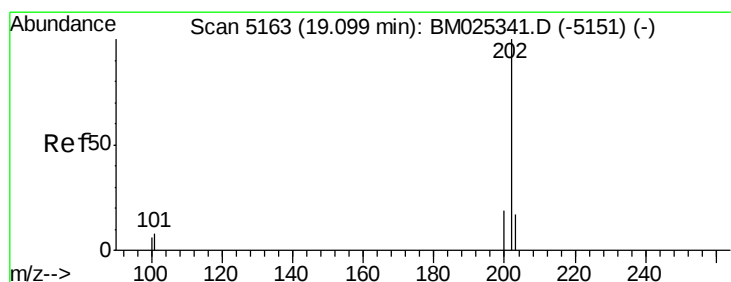
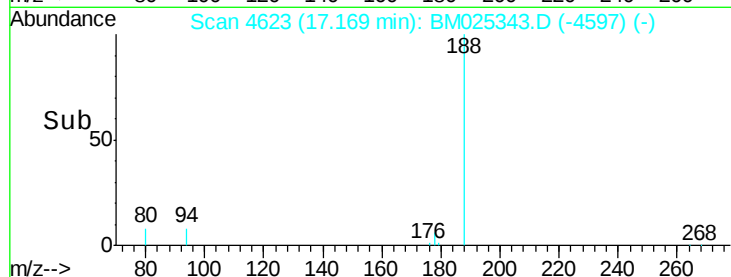
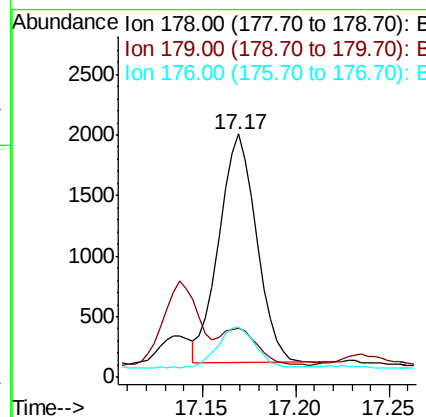
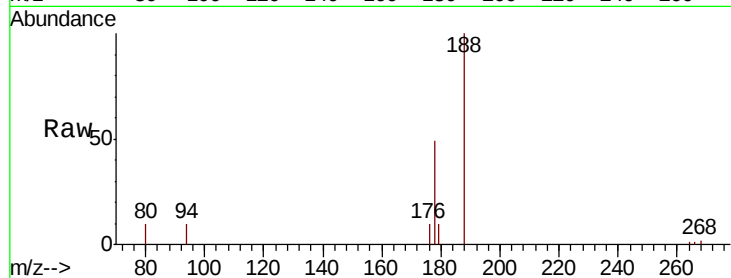
ClientSampled :

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Tot Ion:	178	Resp:	2633
Ion	Ratio	Lower	Upper
178	100		
179	20.3	14.1	21.1
176	20.5	16.2	24.4

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#15

Fluoranthene

Concen: 0.062 ng/ul

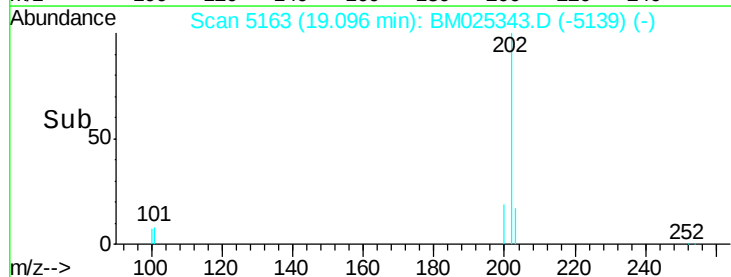
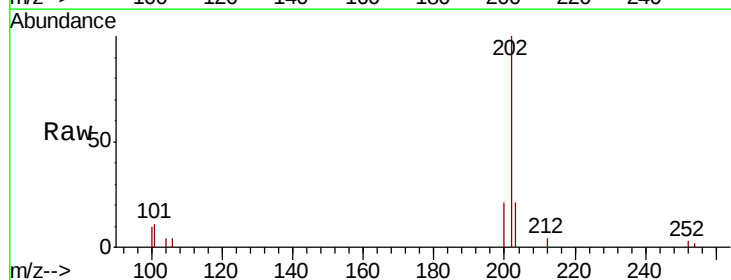
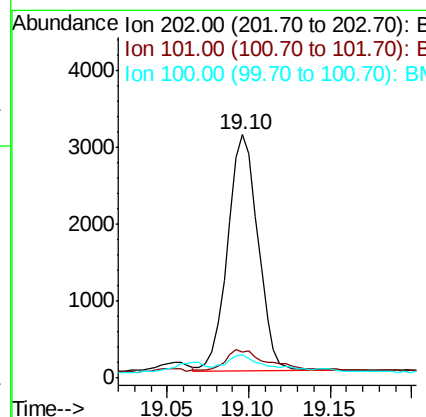
RT: 19.10 min Scan# 5163

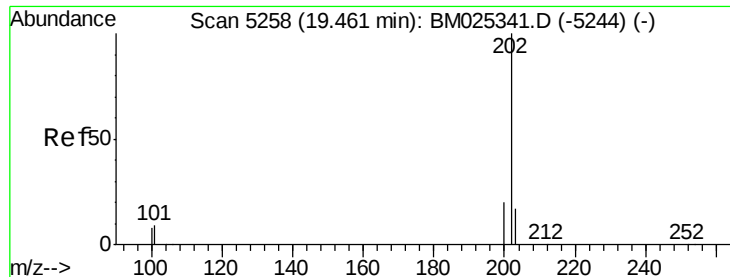
Delta R.T. -0.01 min

Lab File: BM025343.D

Acq: 07 Mar 2020 11:05

Tgt Ion:	202	Resp:	3941
Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	29.4
100	9.5	0.0	28.0





#17

Pvrene

Concen: 0.078 ng/ul

RT: 19.46 min Scan# 5258

Delta R.T. -0.01 min

Lab File: BM025343.D

Acq: 07 Mar 2020 11:05

Instrument :

BNA_M

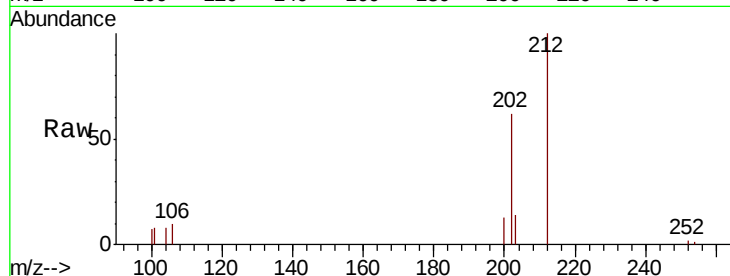
ClientSampleId :

DBDP3

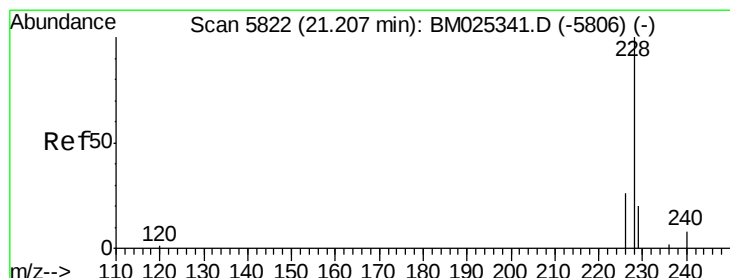
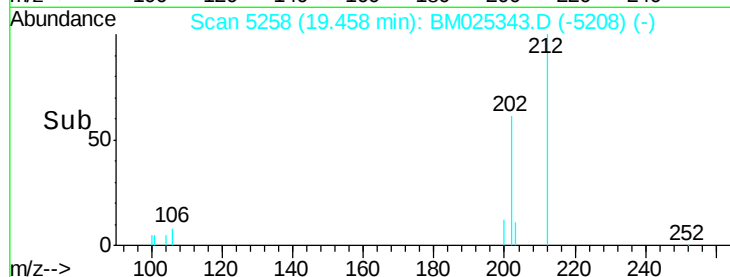
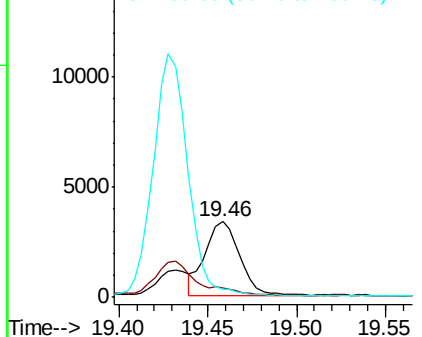
Tot Ion:	202	Resp:	4477
Ion Ratio	Lower	Upper	
202	100		
101	13.1	8.7	13.1#
100	11.5	7.3	10.9#

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Abundance Ion 202.00 (201.70 to 202.70): E
15000 Ion 101.00 (100.70 to 101.70): E
10000 Ion 100.00 (99.70 to 100.70): E



#18

Benzo(a)anthracene

Concen: 0.044 ng/ul

RT: 21.21 min Scan# 5823

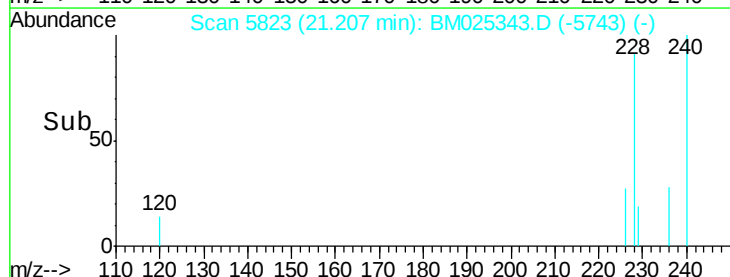
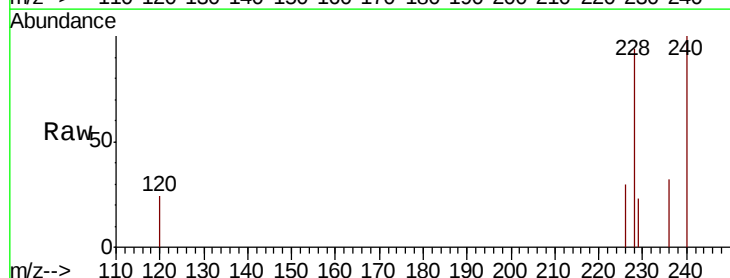
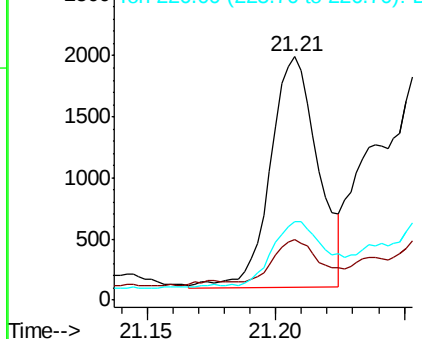
Delta R.T. -0.01 min

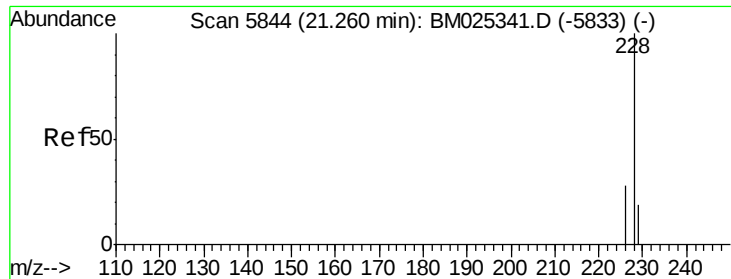
Lab File: BM025343.D

Acq: 07 Mar 2020 11:05

Tgt Ion:	228	Resp:	2453
Ion Ratio	Lower	Upper	
228	100		
229	24.7	16.6	25.0
226	32.3	21.9	32.9

Abundance Ion 228.00 (227.70 to 228.70): E
2500 Ion 229.00 (228.70 to 229.70): E
2000 Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.062 ng/ul

RT: 21.26 min Scan# 5844

Delta R.T. -0.01 min

Lab File: BM025343.D

Acq: 07 Mar 2020 11:05

Instrument :

BNA_M

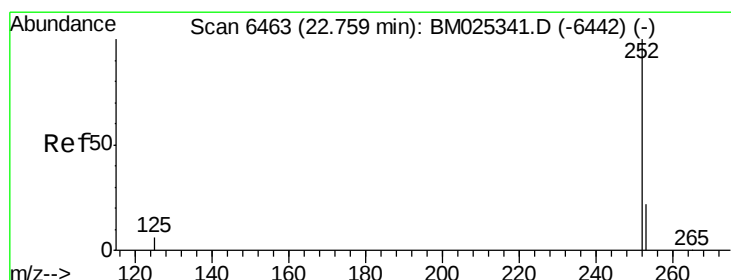
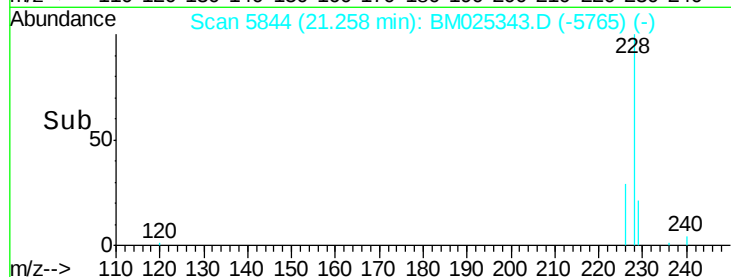
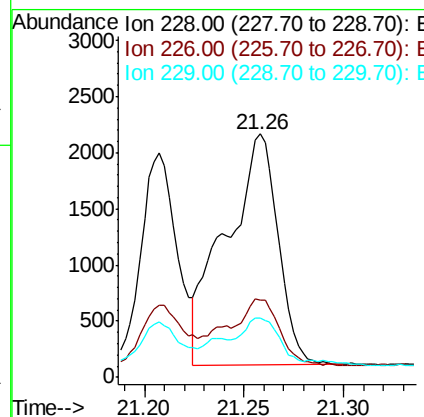
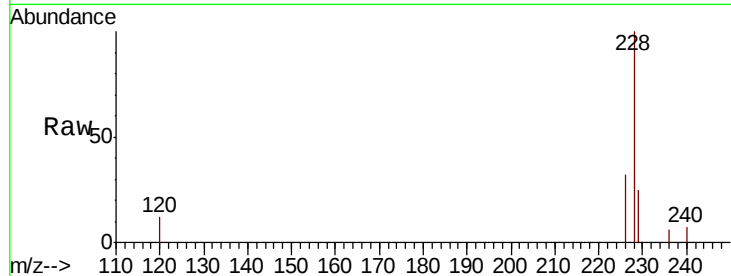
ClientSampled :

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Tot Ion:	228	Resp:	3778
Ion	Ratio	Lower	Upper
228	100		
226	31.9	23.8	35.8
229	24.5	16.9	25.3

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#21

Benzo(b)fluoranthene

Concen: 0.124 ng/ul m

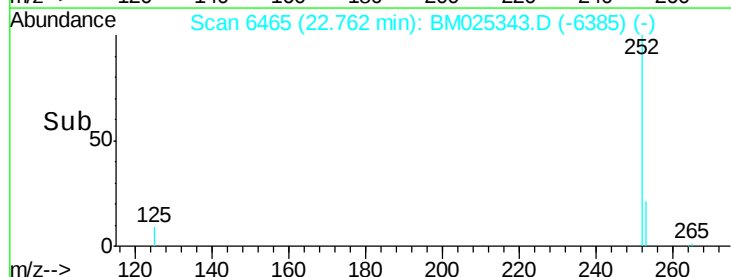
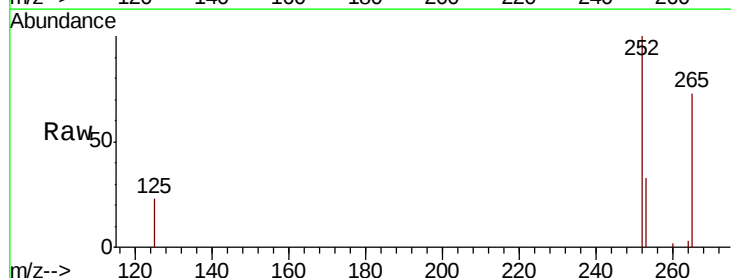
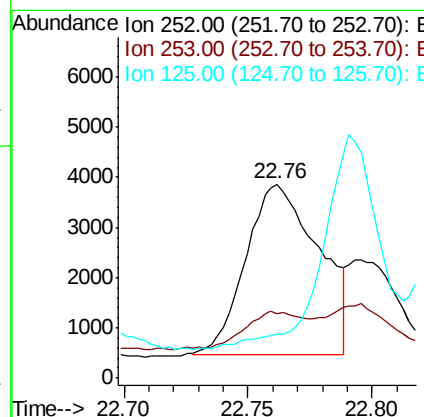
RT: 22.76 min Scan# 6465

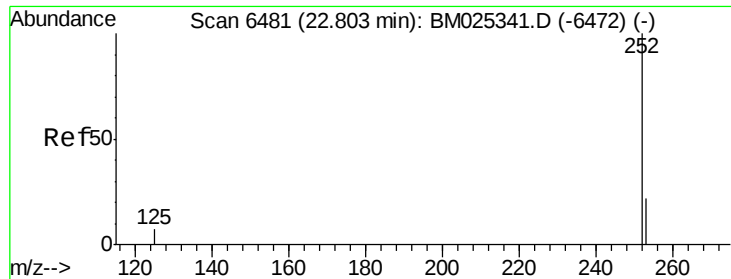
Delta R.T. -0.01 min

Lab File: BM025343.D

Acq: 07 Mar 2020 11:05

Tgt Ion:	252	Resp:	6983
Ion	Ratio	Lower	Upper
252	100		
253	33.4	0.0	49.8
125	22.8	0.0	28.6





#22

Benzo(k)fluoranthene

Concen: 0.045 ng/u1 m

RT: 22.80 min Scan# 6479

Delta R.T. -0.02 min

Lab File: BM025343.D

Acq: 07 Mar 2020 11:05

Instrument :

BNA_M

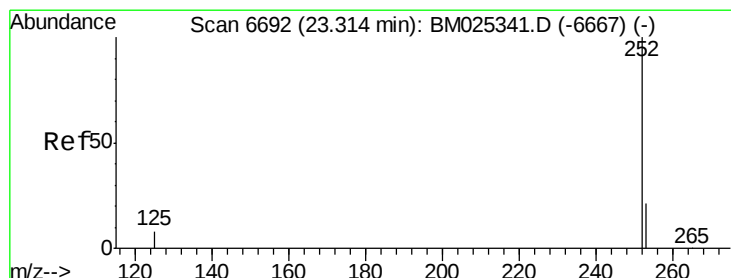
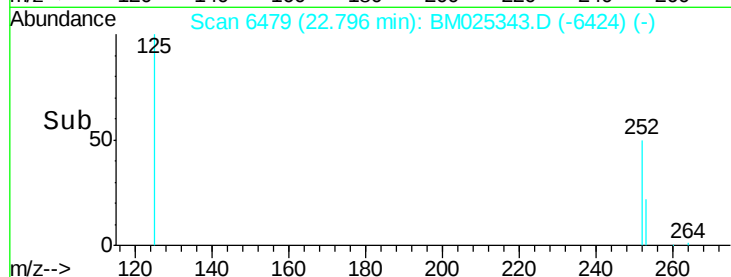
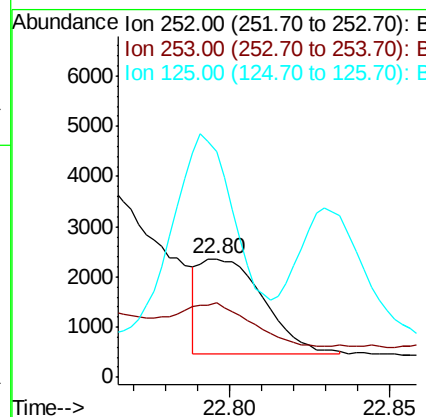
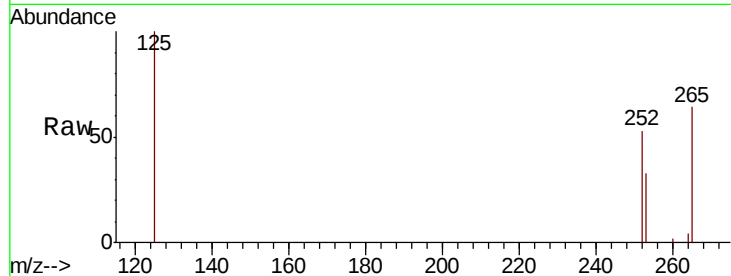
ClientSampleId :

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Tot Ion	Ratio	Lower	Upper
252	100		
253	63.4	19.4	29.0#
125	189.8	10.7	16.1#

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#23

Benzo(a)pyrene

Concen: 0.050 ng/u1

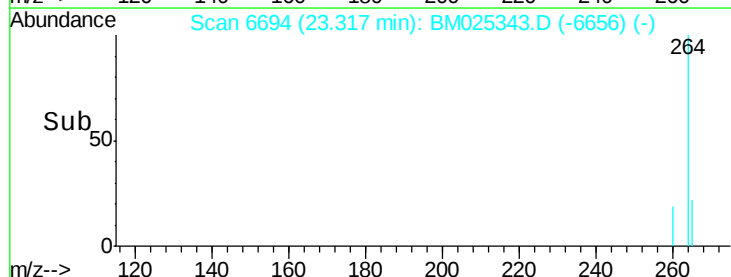
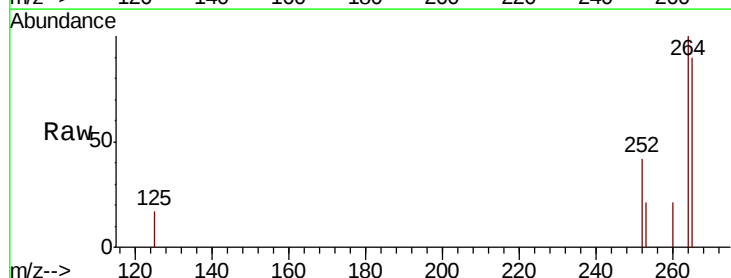
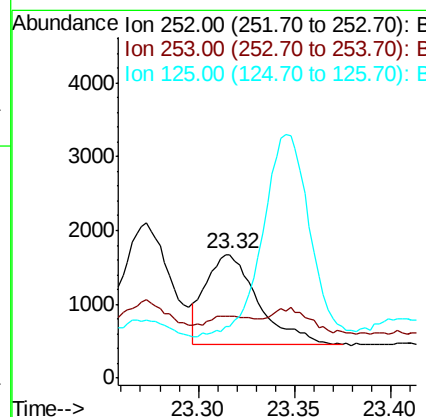
RT: 23.32 min Scan# 6694

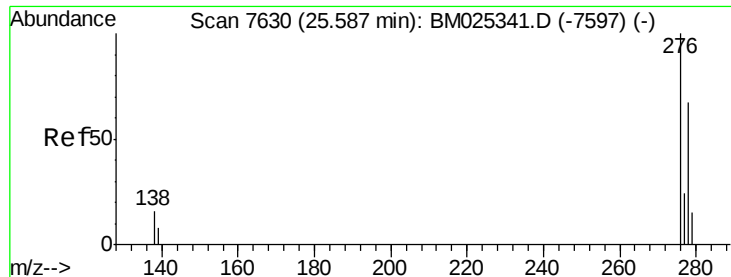
Delta R.T. -0.01 min

Lab File: BM025343.D

Acq: 07 Mar 2020 11:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	50.1	20.3	30.5#
125	41.7	13.0	19.4#





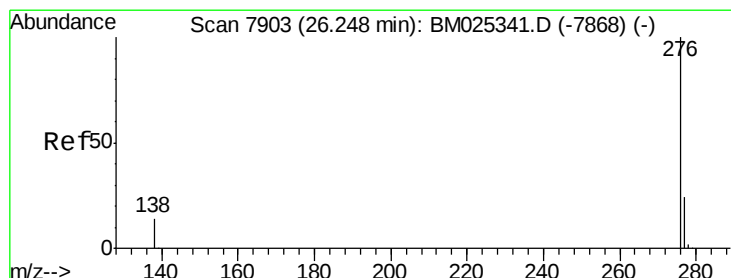
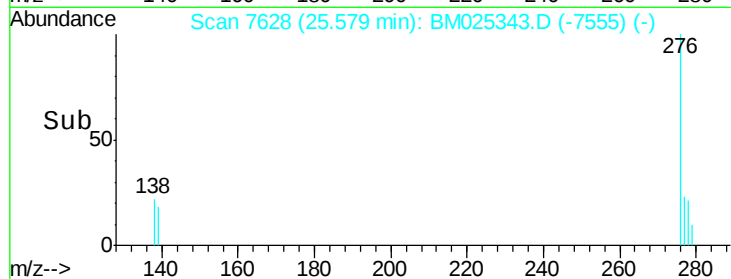
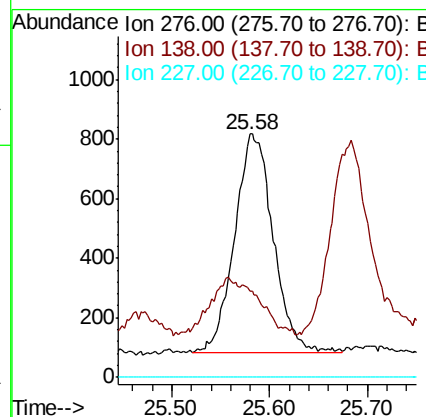
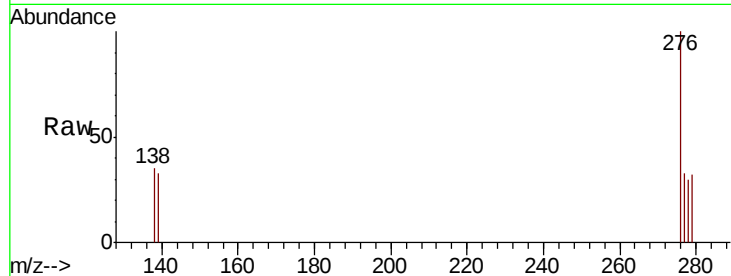
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.034 ng/u1
 RT: 25.58 min Scan# 7628
 Delta R.T. -0.02 min
 Lab File: BM025343.D
 Acq: 07 Mar 2020 11:05

Instrument :
 BNA_M
 ClientSampled :
 DBDP3

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

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#26
 Benzo(g,h,i)perylene
 Concen: 0.025 ng/u1
 RT: 26.25 min Scan# 7905
 Delta R.T. -0.01 min
 Lab File: BM025343.D
 Acq: 07 Mar 2020 11:05

Tgt Ion	Ratio	Lower	Upper
276	100		
138	38.4	17.9	26.9#
277	40.7	20.5	30.7#

