

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030620\
 Data File : BM025387.D
 Acq On : 08 Mar 2020 16:11
 Operator : CG/JU
 Sample : L1617-12
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBDS6

Manual Integrations
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Quant Time: Mar 09 02:08:39 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	4337	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.43	136	18558	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.29	164	13185	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.04	188	30951	0.40	ng/ul	-0.01
16) Chrysene-d12	21.22	240	25915	0.40	ng/ul	0.00
20) Perylene-d12	23.41	264	22460	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	4630	0.13	ng/ul	-0.01
14) Fluoranthene-d10	19.06	212	12869	0.13	ng/ul	-0.01
Target Compounds					Ovalue	
8) Acenaphthene	14.36	153	4031	0.084	ng/ul	99
9) Fluorene	15.34	166	13640	0.227	ng/ul	96
12) Phenanthrene	17.07	178	121561	1.218	ng/ul	95
13) Anthracene	17.17	178	7640	0.086	ng/ul	98
15) Fluoranthene	19.09	202	74609	0.597	ng/ul	95
17) Pyrene	19.46	202	50481	0.514	ng/ul	96
18) Benzo(a)anthracene	21.20	228	7046	0.074	ng/ul	99
19) Chrysene	21.26	228	6444	0.062	ng/ul	99
21) Benzo(b)fluoranthene	22.76	252	3599m	0.040	ng/ul	
23) Benzo(a)pyrene	23.31	252	1705	0.023	ng/ul#	35

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

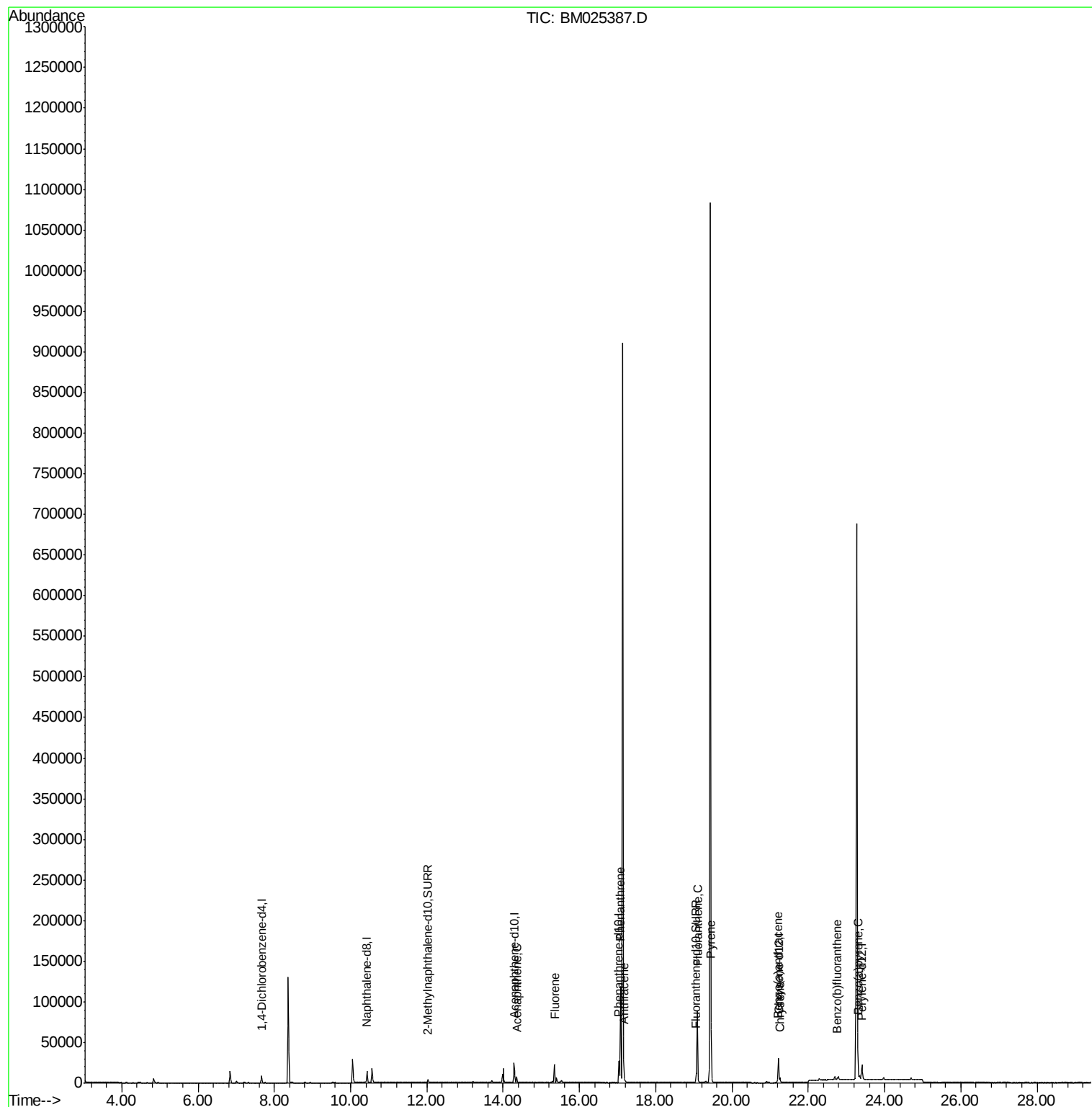
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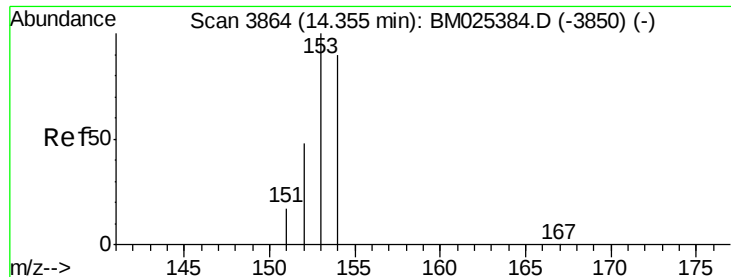
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030320.M
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QLast Update : Wed Mar 04 08:02:03 2020
Response via : Initial Calibration





#8

Acenaphthene

Concen: 0.084 ng/ul

RT: 14.36 min Scan# 3864

Delta R.T. -0.01 min

Lab File: BM025387.D

Acq: 08 Mar 2020 16:11

Instrument :

BNA_M

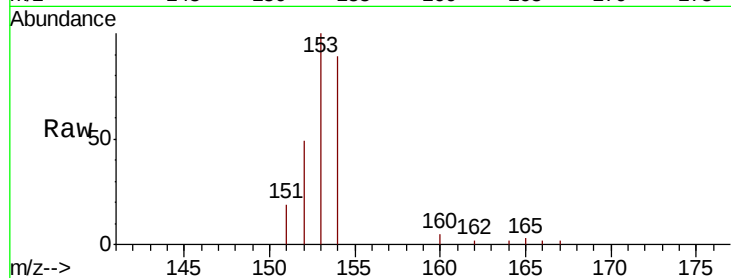
ClientSampleId :

DBDS6

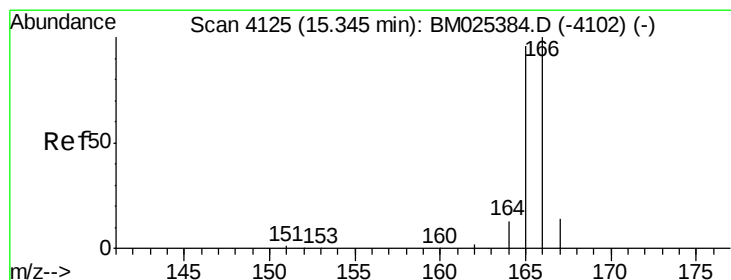
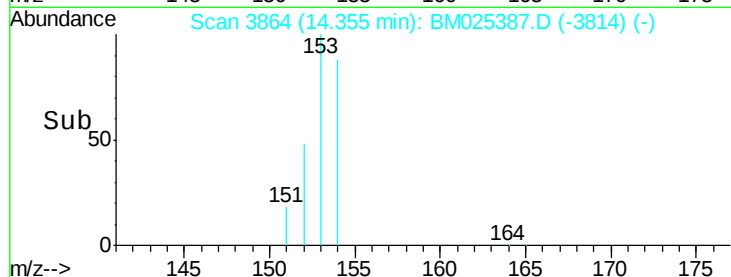
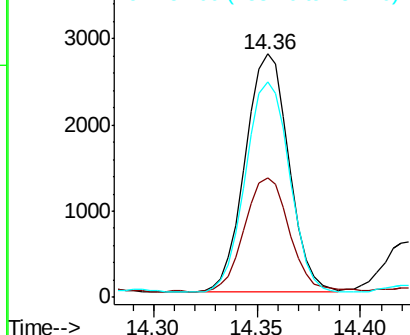
Tot Ion:	153	Resp:	4031
Ion	Ratio	Lower	Upper
153	100		
152	48.9	40.0	60.0
154	88.7	71.0	106.6

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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: 0.227 ng/ul

RT: 15.34 min Scan# 4125

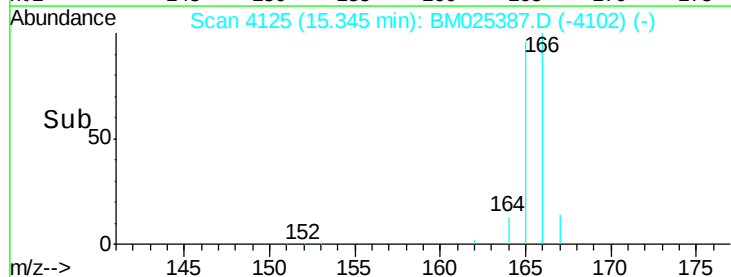
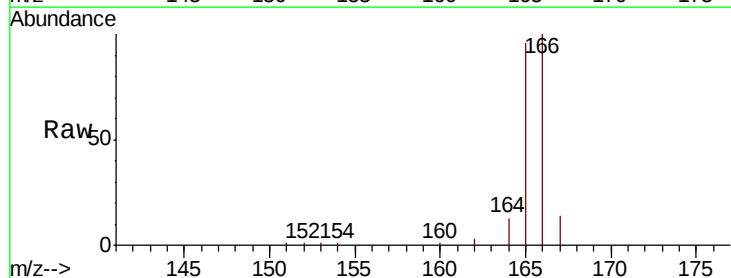
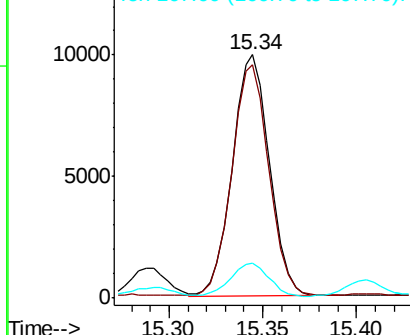
Delta R.T. -0.01 min

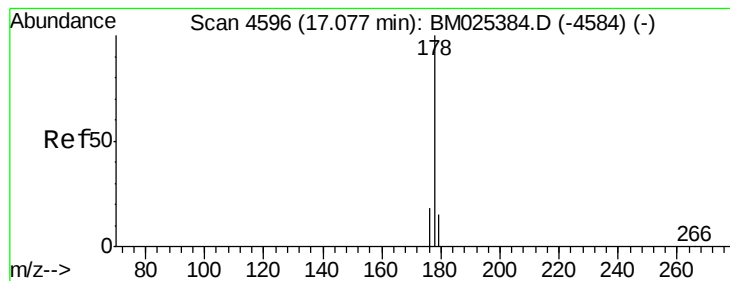
Lab File: BM025387.D

Acq: 08 Mar 2020 16:11

Tgt Ion:	166	Resp:	13640
Ion	Ratio	Lower	Upper
166	100		
165	96.0	80.0	120.0
167	14.4	13.7	20.5

Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#12

Phenanthrene

Concen: 1.218 ng/ul

RT: 17.07 min Scan# 4595

Delta R.T. -0.01 min

Lab File: BM025387.D

Acq: 08 Mar 2020 16:11

Instrument :

BNA_M

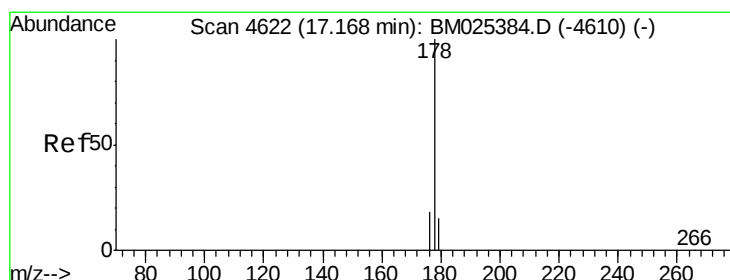
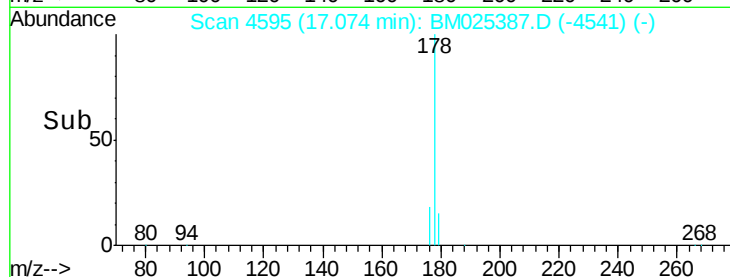
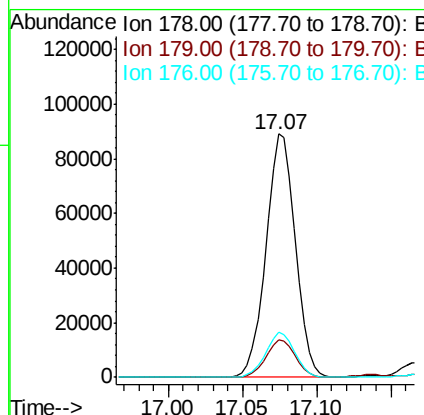
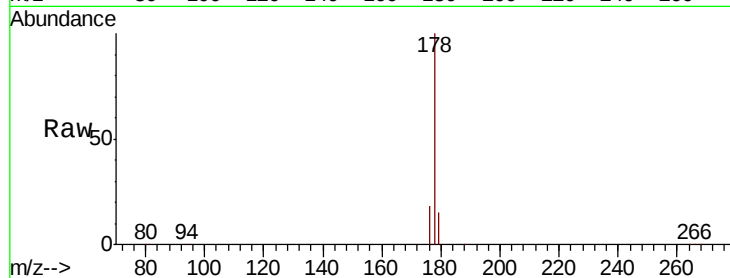
ClientSampleId :

DBDS6

Tot Ion:	178	Resp:	121561
Ion Ratio	Lower	Upper	
178	100		
179	15.3	14.0	21.0
176	18.4	16.6	24.8

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#13

Anthracene

Concen: 0.086 ng/ul

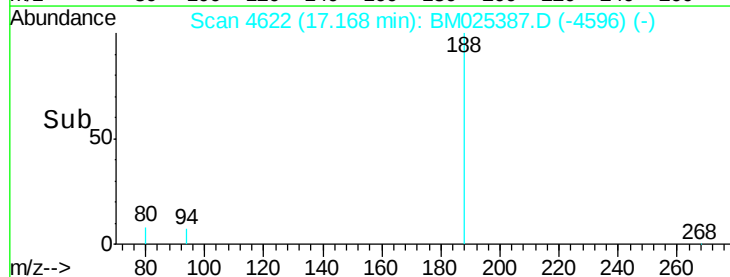
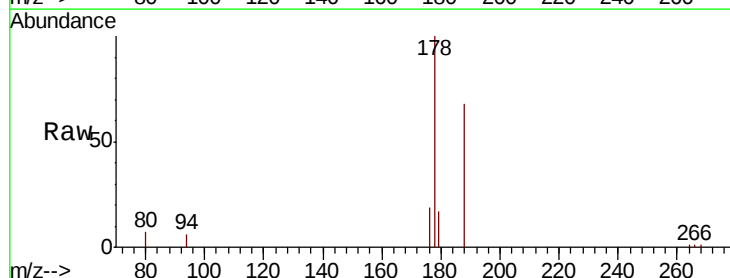
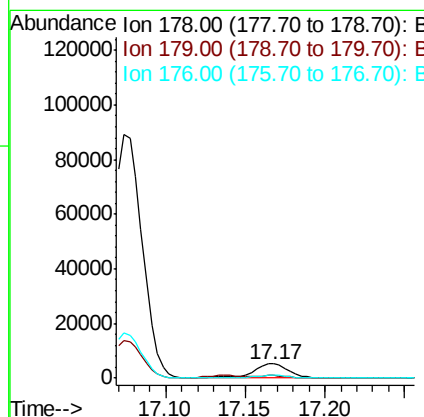
RT: 17.17 min Scan# 4622

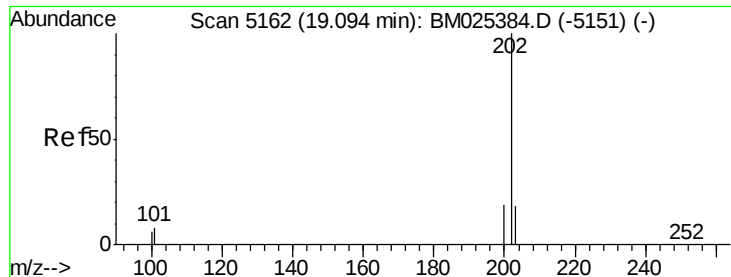
Delta R.T. -0.01 min

Lab File: BM025387.D

Acq: 08 Mar 2020 16:11

Tgt Ion:	178	Resp:	7640
Ion Ratio	Lower	Upper	
178	100		
179	17.3	14.1	21.1
176	19.1	16.2	24.4





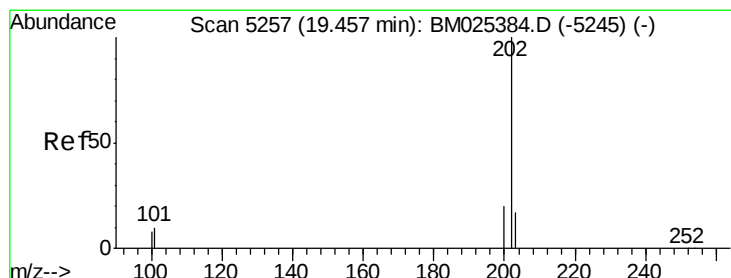
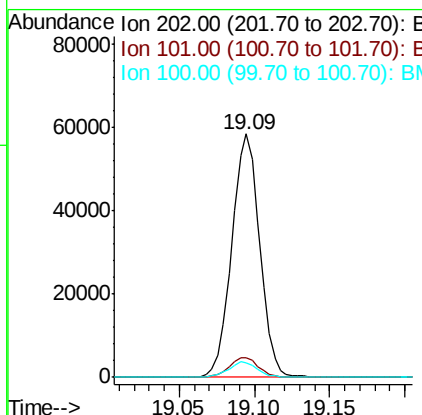
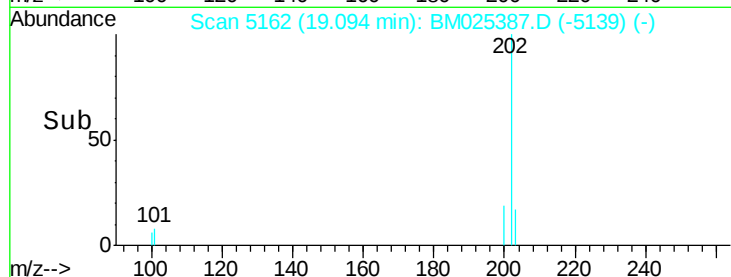
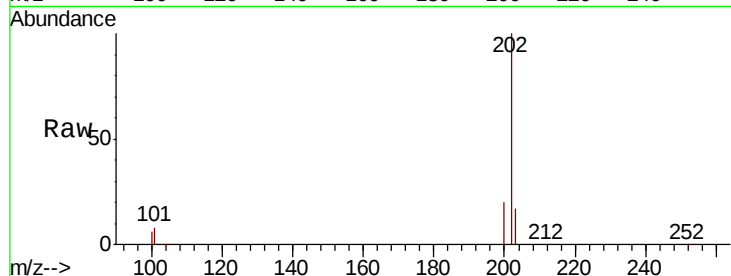
#15
Fluoranthene
 Concen: 0.597 ng/ul
 RT: 19.09 min Scan# 5162
 Delta R.T. -0.01 min
 Lab File: BM025387.D
 Acq: 08 Mar 2020 16:11

Instrument :
 BNA_M
 ClientSampleId :
 DBDS6

Tot Ion:	202	Resp:	74609
Ion Ratio	Lower	Upper	
202	100		
101	8.1	0.0	29.4
100	6.0	0.0	28.0

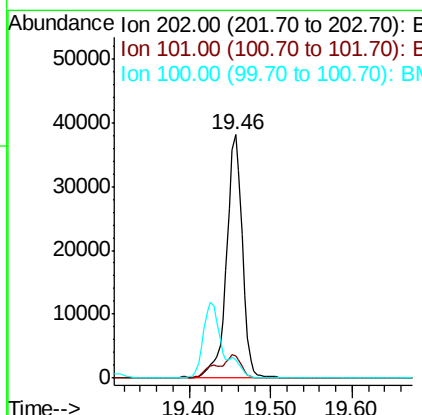
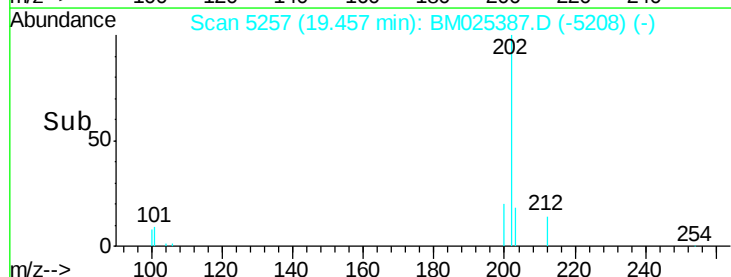
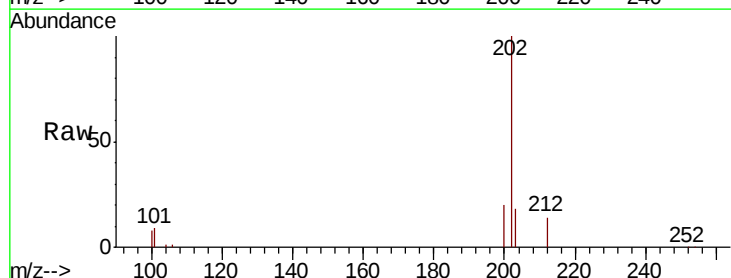
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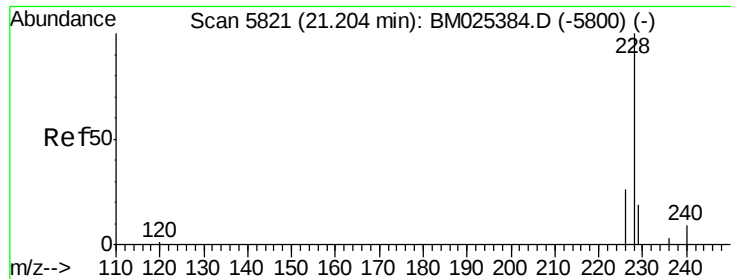
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#17
Pyrene
 Concen: 0.514 ng/ul
 RT: 19.46 min Scan# 5257
 Delta R.T. -0.01 min
 Lab File: BM025387.D
 Acq: 08 Mar 2020 16:11

Tgt Ion:	202	Resp:	50481
Ion Ratio	Lower	Upper	
202	100		
101	9.2	8.7	13.1
100	7.7	7.3	10.9





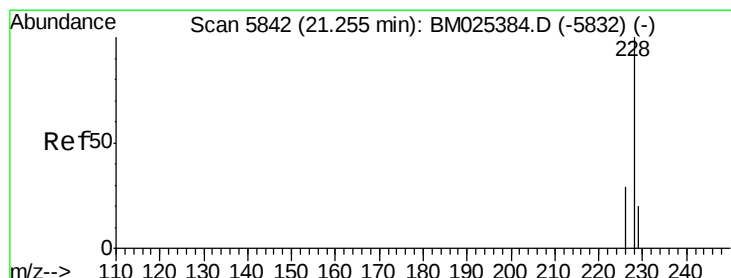
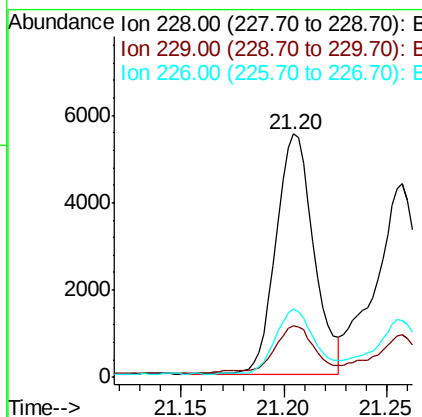
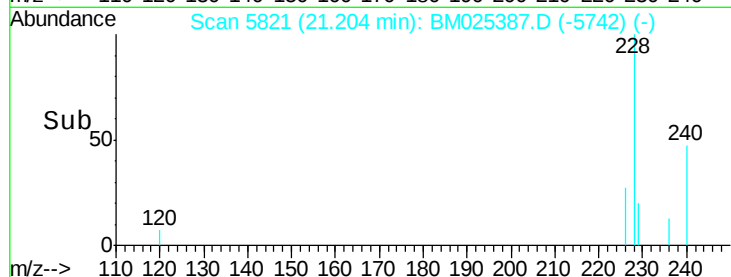
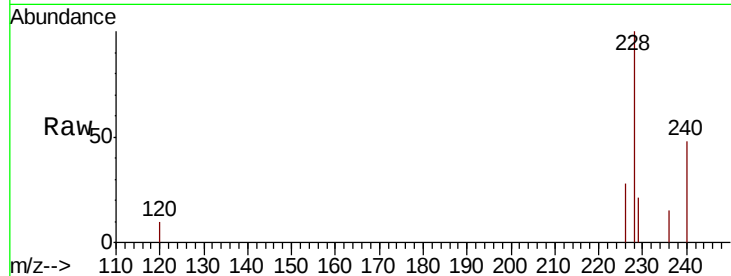
#18
Benzo(a)anthracene
Concen: 0.074 ng/ul
RT: 21.20 min Scan# 5821
Delta R.T. -0.01 min
Lab File: BM025387.D
Acq: 08 Mar 2020 16:11

Instrument :
BNA_M
ClientSampleId :
DBDS6

Tot Ion	Ratio	Lower	Upper
228	100		
229	21.1	16.6	25.0
226	28.1	21.9	32.9

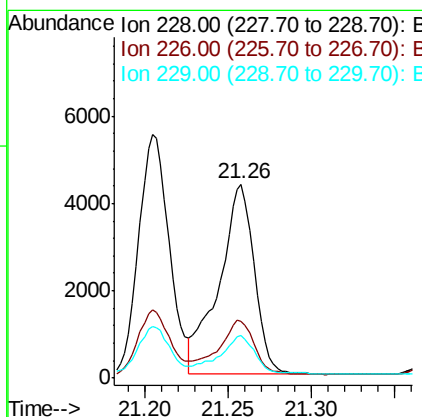
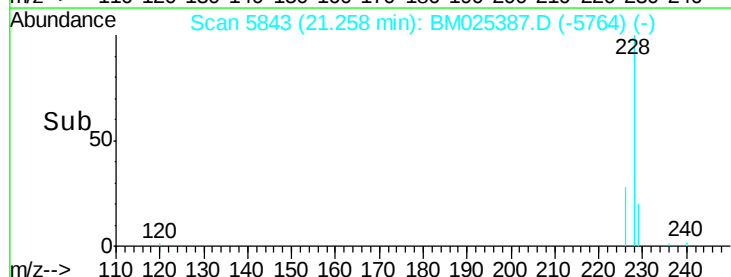
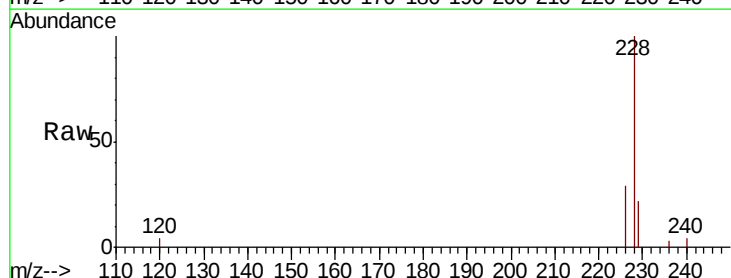
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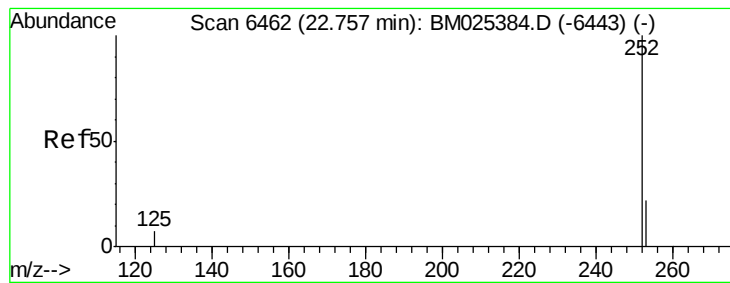
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#19
Chrysene
Concen: 0.062 ng/ul
RT: 21.26 min Scan# 5843
Delta R.T. -0.01 min
Lab File: BM025387.D
Acq: 08 Mar 2020 16:11

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.8	35.8
229	21.7	16.9	25.3





#21

Benzo(b)fluoranthene

Concen: 0.040 ng/ul m

RT: 22.76 min Scan# 6462

Delta R.T. -0.01 min

Lab File: BM025387.D

Acq: 08 Mar 2020 16:11

Instrument :

BNA_M

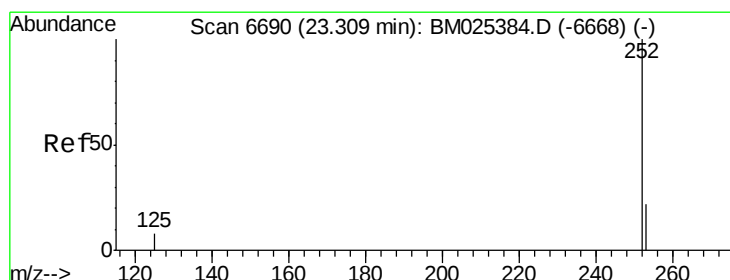
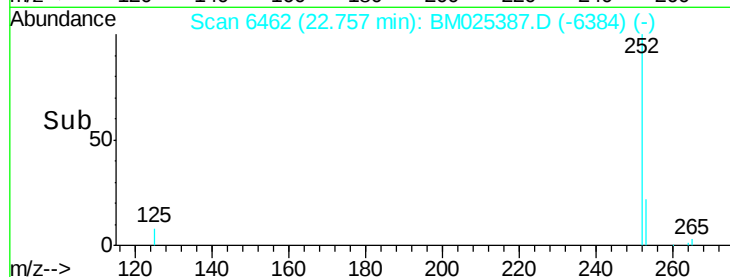
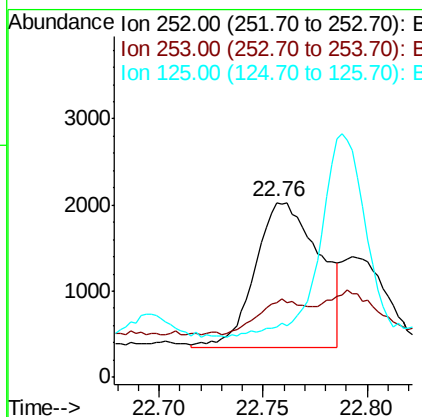
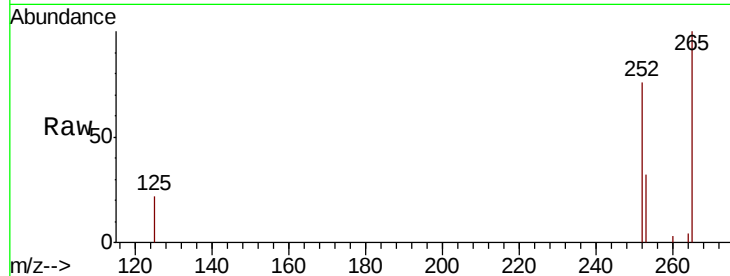
ClientSampleId :

DBDS6

Tot Ion:	252	Resp:	3599
Ion Ratio	Lower	Upper	
252	100		
253	42.5	0.0	49.8
125	29.0	0.0	28.6#

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#23

Benzo(a)pyrene

Concen: 0.023 ng/ul

RT: 23.31 min Scan# 6691

Delta R.T. -0.01 min

Lab File: BM025387.D

Acq: 08 Mar 2020 16:11

Tgt Ion:	252	Resp:	1705
Ion Ratio	Lower	Upper	
252	100		
253	57.8	20.3	30.5#
125	44.2	13.0	19.4#

