

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031720\
 Data File : BM025615.D
 Acq On : 17 Mar 2020 17:56
 Operator : CG/JU
 Sample : L1516-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBD23

Manual Integrations
 APPROVED

mohammad
 3/18/2020 9:01:56 AM

Quant Time: Mar 17 18:30:30 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 17 17:05:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	2432	0.40	ng/ul	0.00
2) Naphthalene-d8	10.35	136	9746	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.22	164	6463	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.97	188	14997m	0.40	ng/ul	0.00
16) Chrysene-d12	21.16	240	16480	0.40	ng/ul	0.00
20) Perylene-d12	23.31	264	17662	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.95	152	3330	0.19	ng/ul	0.00
14) Fluoranthene-d10	19.00	212	8503	0.21	ng/ul	0.00
Target Compounds				Ovalue		
8) Acenaphthene	14.28	153	524	0.023	ng/ul	96
12) Phenanthrene	17.01	178	3431	0.072	ng/ul	96
15) Fluoranthene	19.03	202	4979	0.097	ng/ul	94
17) Pyrene	19.39	202	6736	0.091	ng/ul#	92
18) Benzo(a)anthracene	21.14	228	3441	0.058	ng/ul	96
19) Chrysene	21.20	228	4055	0.061	ng/ul	97
21) Benzo(b)fluoranthene	22.68	252	6553m	0.094	ng/ul	
22) Benzo(k)fluoranthene	22.72	252	3034m	0.041	ng/ul	
23) Benzo(a)pyrene	23.22	252	2603	0.045	ng/ul#	64
24) Indeno(1,2,3-cd)pyrene	25.44	276	2027	0.026	ng/ul#	73
26) Benzo(g,h,i)perylene	26.09	276	1699	0.025	ng/ul#	75

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

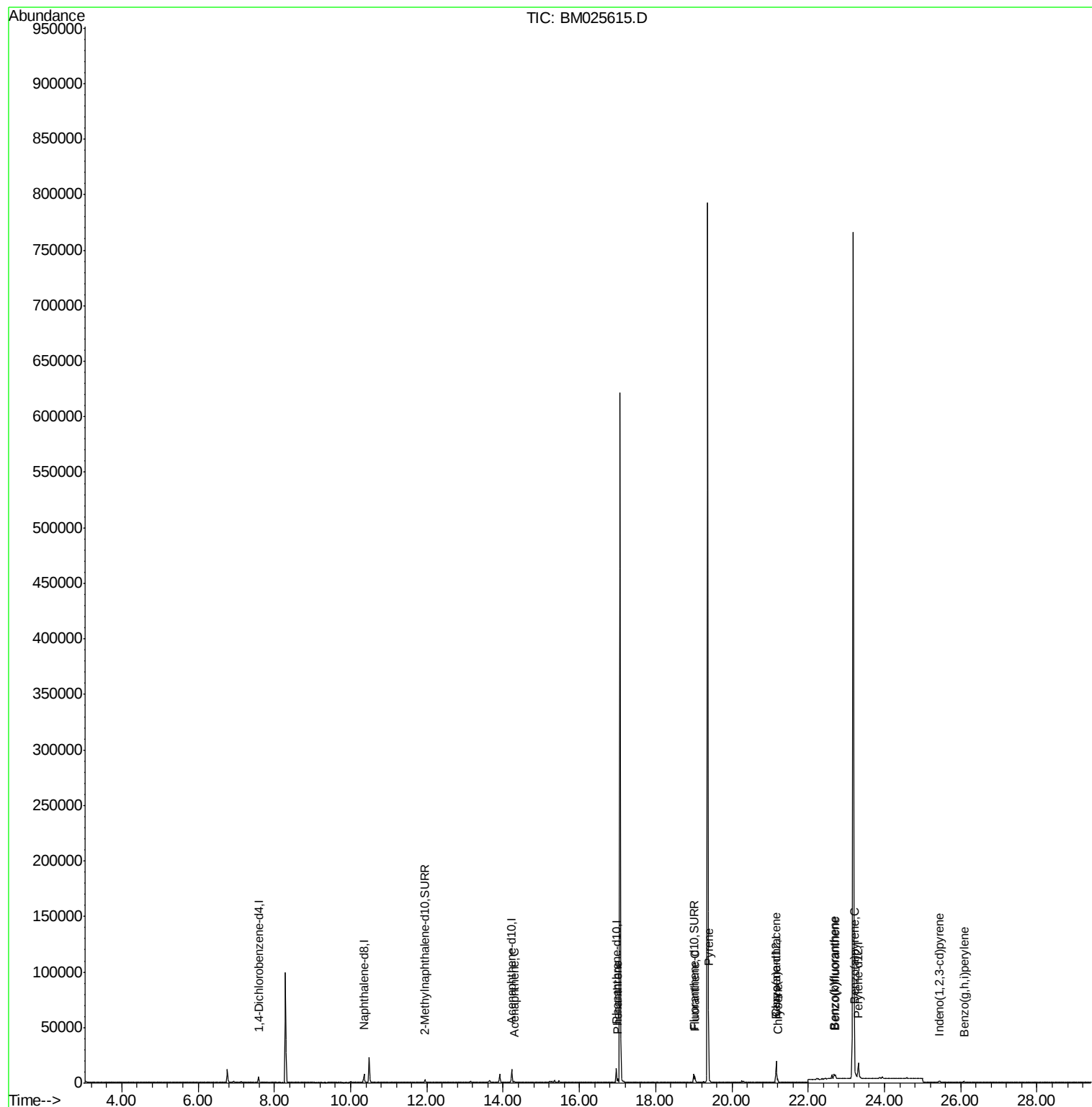
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031720\
Data File : BM025615.D
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Sample : L1516-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

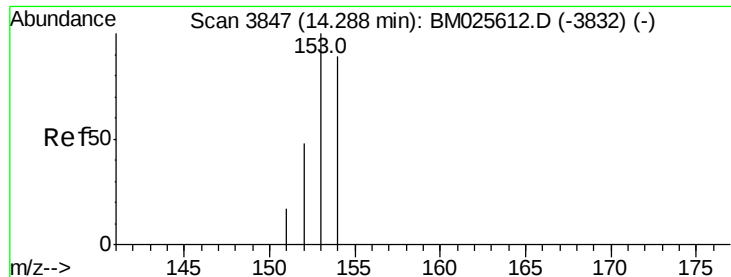
Instrument :
BNA_M
ClientSampleId :
DBD23

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Quant Time: Mar 17 18:30:30 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 17 17:05:05 2020
Response via : Initial Calibration





#8

Acenaphthene

Concen: 0.023 ng/ul

RT: 14.28 min Scan# 3846

Delta R.T. -0.00 min

Lab File: BM025615.D

Acq: 17 Mar 2020 17:56

Instrument :

BNA_M

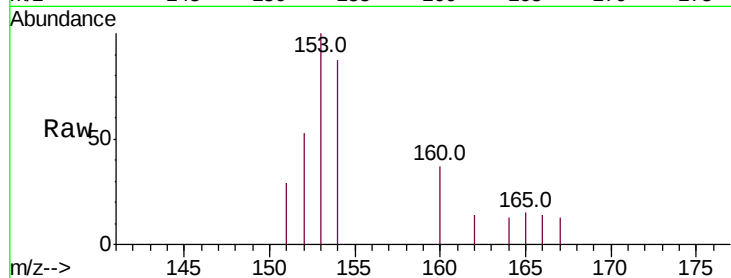
ClientSampleId :

DBD23

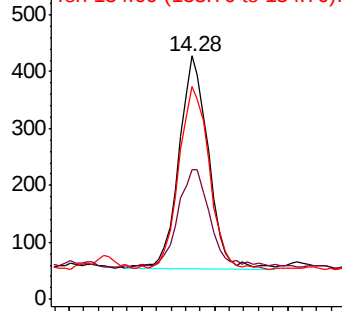
Tot Ion:	153	Resp:	524
Ion	Ratio	Lower	Upper
153	100		
152	53.3	39.5	59.3
154	87.4	71.7	107.5

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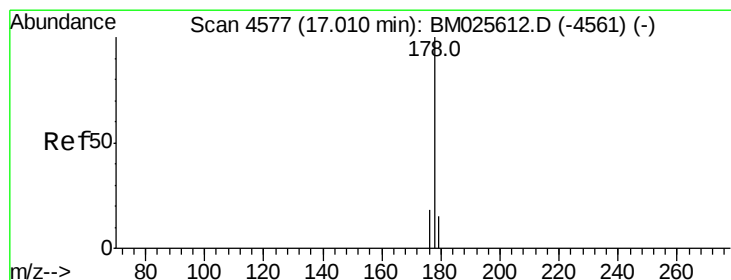
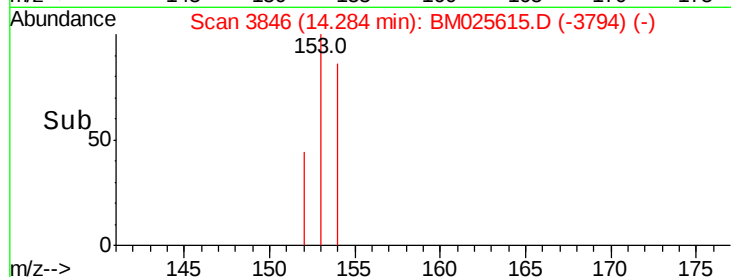
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Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E



Time--> 14.20 14.25 14.30 14.35



#12

Phenanthrene

Concen: 0.072 ng/ul

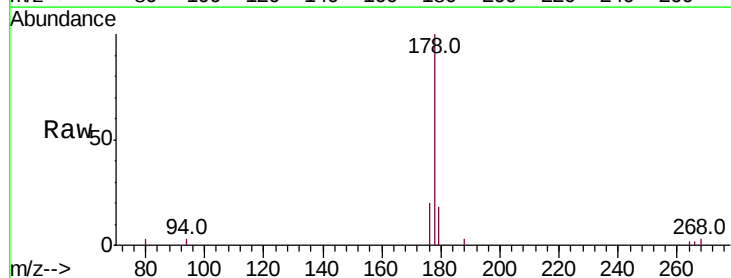
RT: 17.01 min Scan# 4577

Delta R.T. -0.00 min

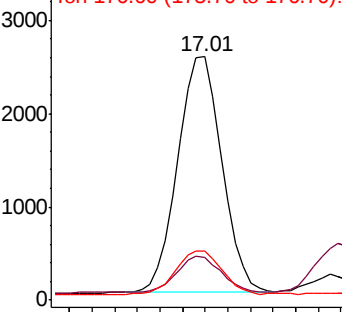
Lab File: BM025615.D

Acq: 17 Mar 2020 17:56

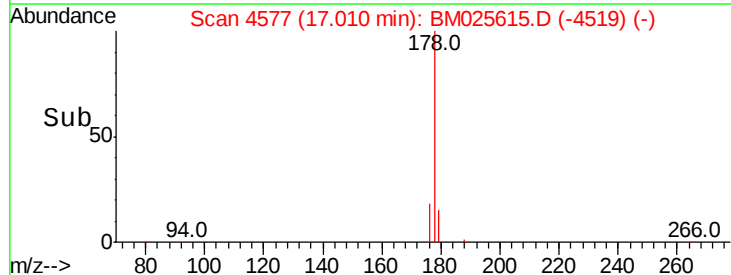
Tgt Ion:	178	Resp:	3431
Ion	Ratio	Lower	Upper
178	100		
179	17.5	12.4	18.6
176	20.3	14.8	22.2

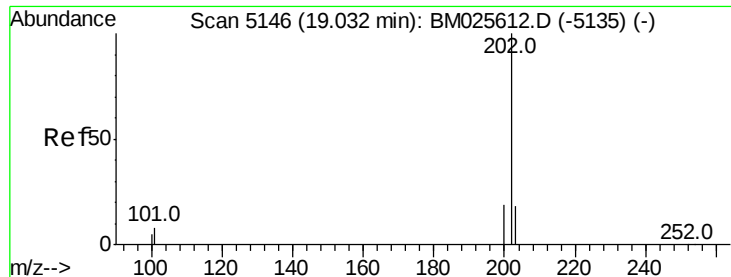


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



Time--> 16.95 17.00 17.05





#15

Fluoranthene

Concen: 0.097 ng/ul

RT: 19.03 min Scan# 5145

Delta R.T. -0.00 min

Lab File: BM025615.D

Acq: 17 Mar 2020 17:56

Instrument :

BNA_M

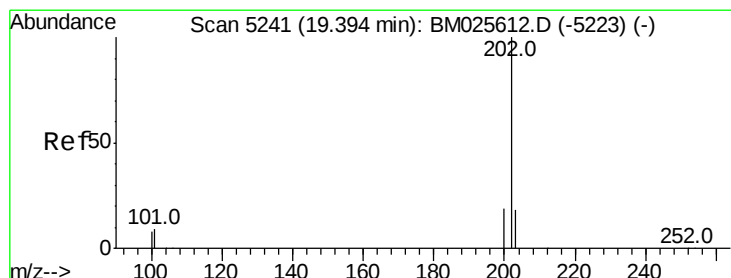
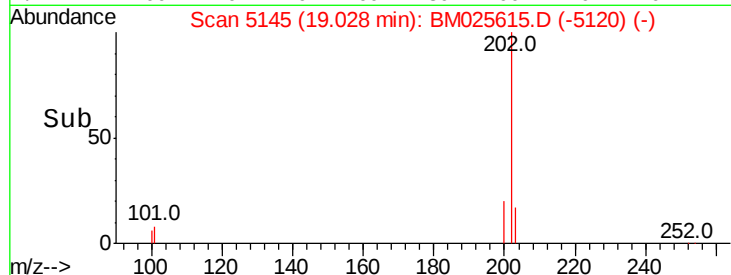
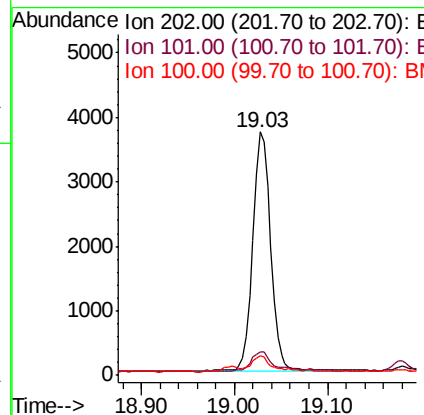
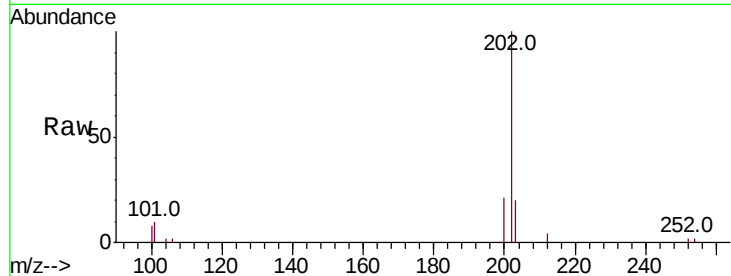
ClientSampleId :

DBD23

Tot Ion:	202	Resp:	4979
Ion Ratio	Lower	Upper	
202	100		
101	9.6	0.0	27.5
100	7.9	0.0	26.0

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#17

Pyrene

Concen: 0.091 ng/ul

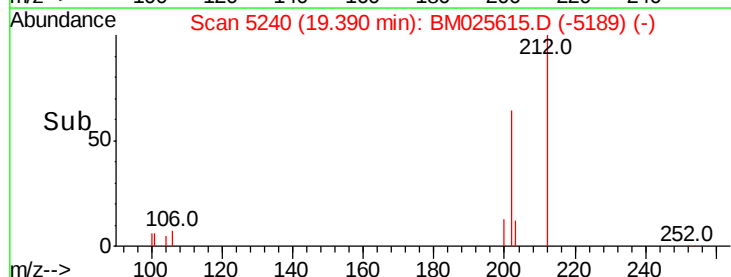
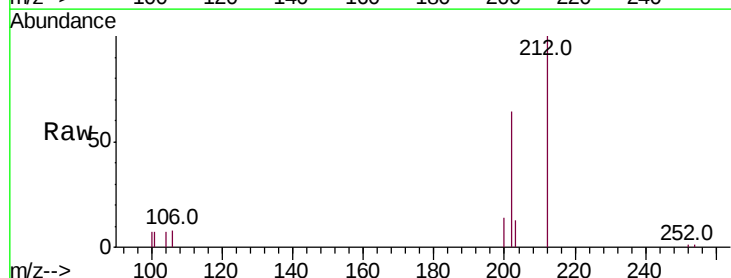
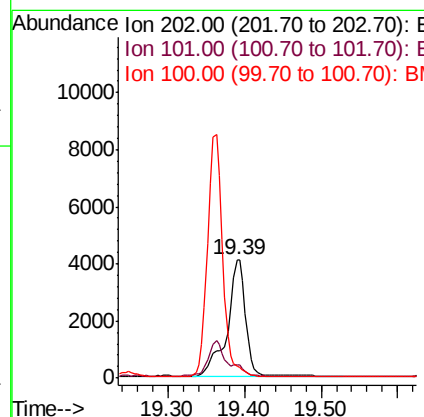
RT: 19.39 min Scan# 5240

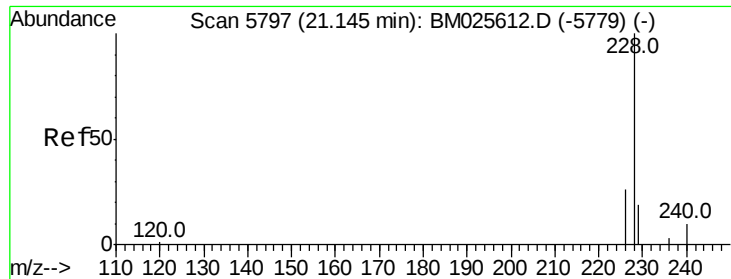
Delta R.T. -0.00 min

Lab File: BM025615.D

Acq: 17 Mar 2020 17:56

Tgt Ion:	202	Resp:	6736
Ion Ratio	Lower	Upper	
202	100		
101	11.6	7.1	10.7#
100	10.4	6.0	9.0#





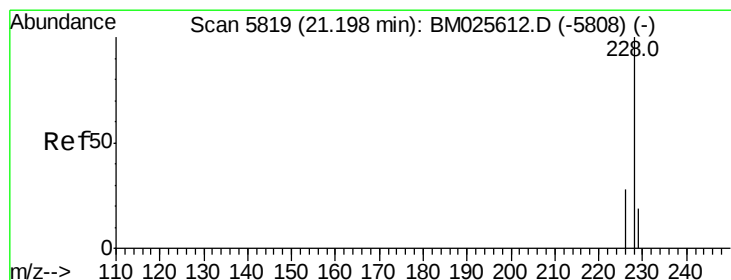
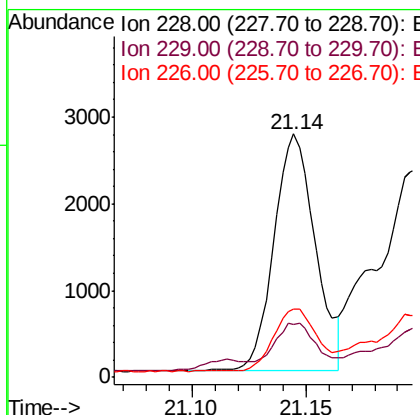
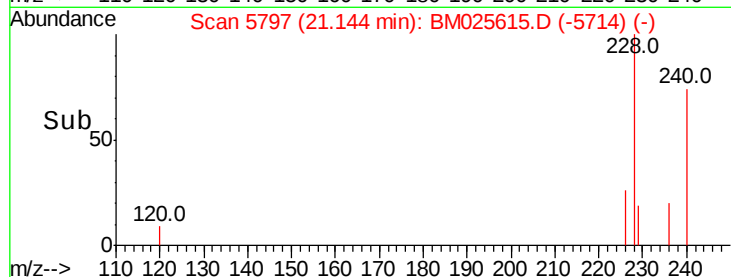
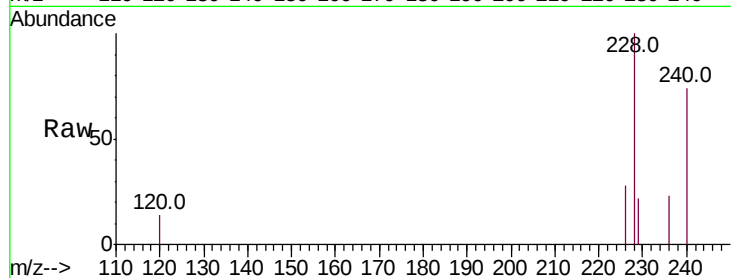
#18
Benzo(a)anthracene
Concen: 0.058 ng/ul
RT: 21.14 min Scan# 5797
Delta R.T. -0.00 min
Lab File: BM025615.D
Acq: 17 Mar 2020 17:56

Instrument :
BNA_M
ClientSampleId :
DBD23

Tot Ion	Ratio	Lower	Upper
228	100		
229	21.7	15.6	23.4
226	28.2	21.1	31.7

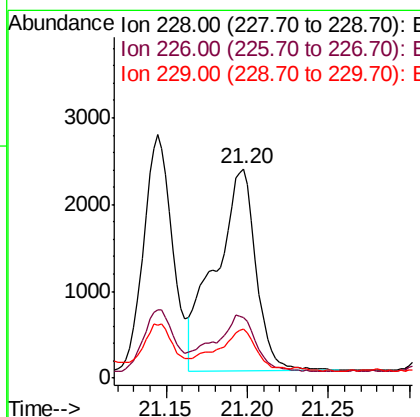
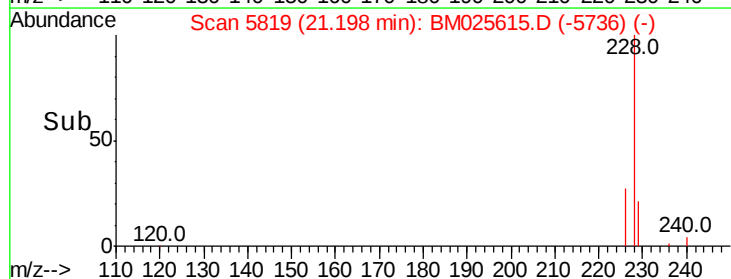
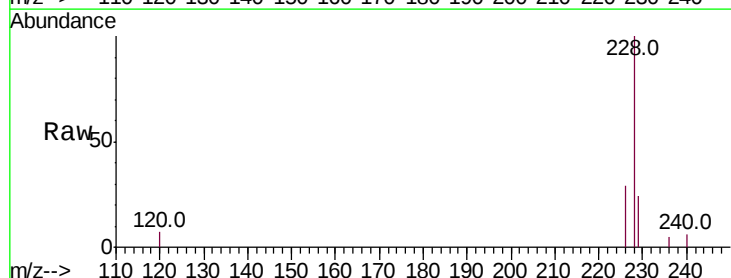
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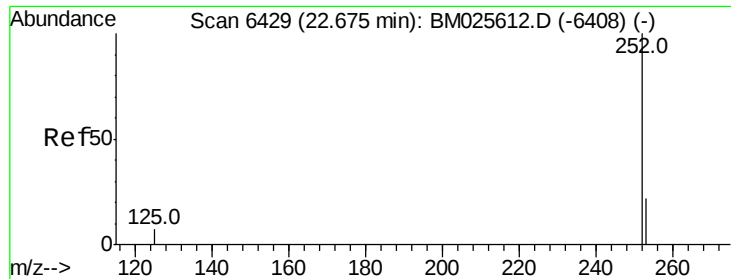
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#19
Chrysene
Concen: 0.061 ng/ul
RT: 21.20 min Scan# 5819
Delta R.T. -0.00 min
Lab File: BM025615.D
Acq: 17 Mar 2020 17:56

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.6	35.4
229	23.5	16.3	24.5





#21

Benzo(b)fluoranthene

Concen: 0.094 ng/ul m

RT: 22.68 min Scan# 6430

Delta R.T. 0.00 min

Lab File: BM025615.D

Acq: 17 Mar 2020 17:56

Instrument :

BNA_M

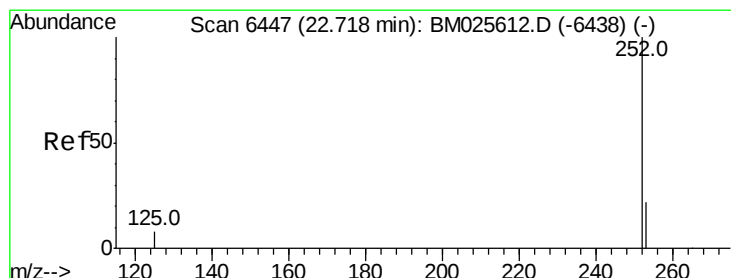
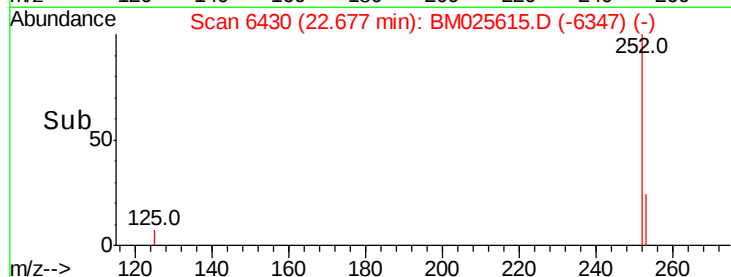
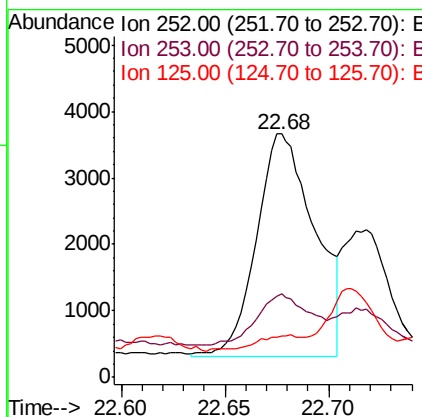
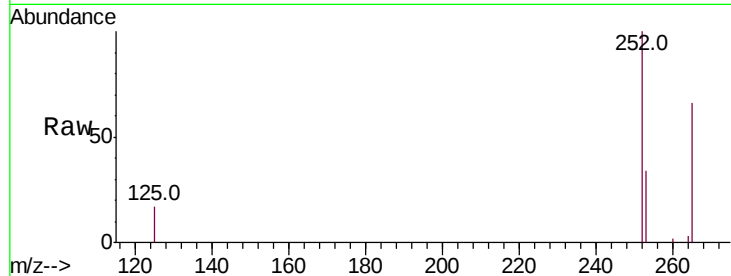
ClientSampleId :

DBD23

Tot Ion:252	Resp:	6553
Ion Ratio	Lower	Upper
252 100		
253 34.1	0.0	50.2
125 17.1	0.0	17.6

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#22

Benzo(k)fluoranthene

Concen: 0.041 ng/ul m

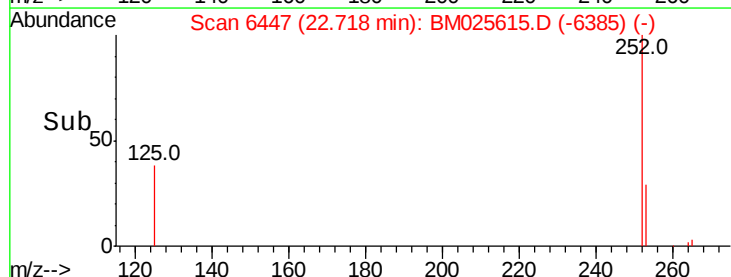
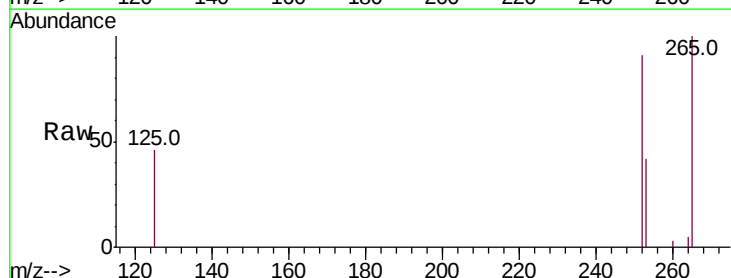
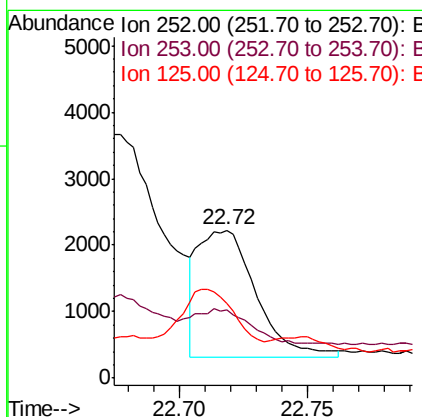
RT: 22.72 min Scan# 6447

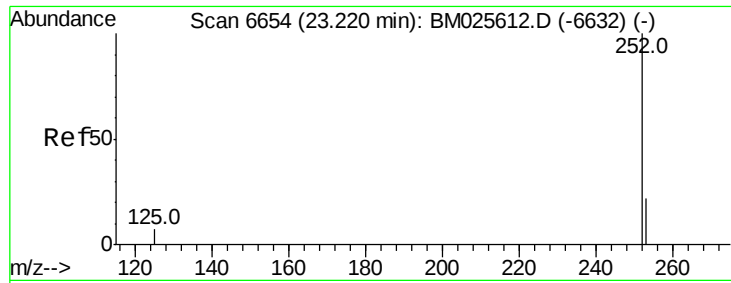
Delta R.T. -0.00 min

Lab File: BM025615.D

Acq: 17 Mar 2020 17:56

Tgt Ion:252	Resp:	3034
Ion Ratio	Lower	Upper
252 100		
253 46.3	19.8	29.8#
125 50.2	7.1	10.7#





#23

Benzo(a)pyrene

Concen: 0.045 ng/u1

RT: 23.22 min Scan# 6654

Delta R.T. -0.00 min

Lab File: BM025615.D

Acq: 17 Mar 2020 17:56

Instrument :

BNA_M

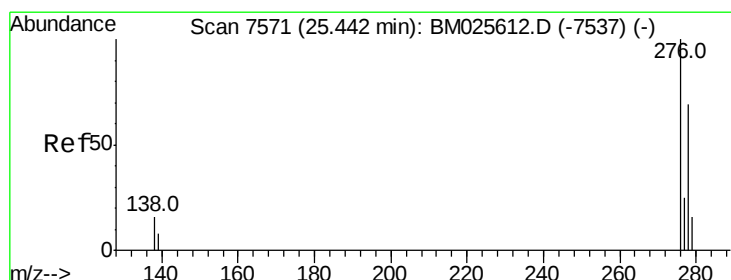
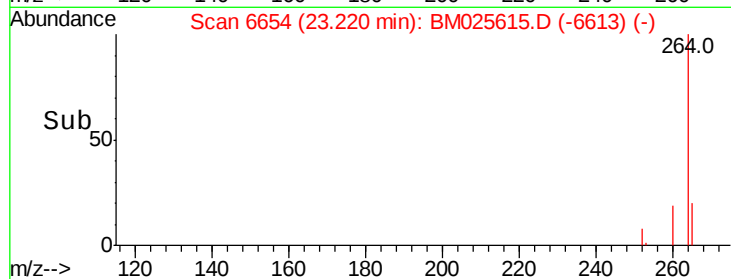
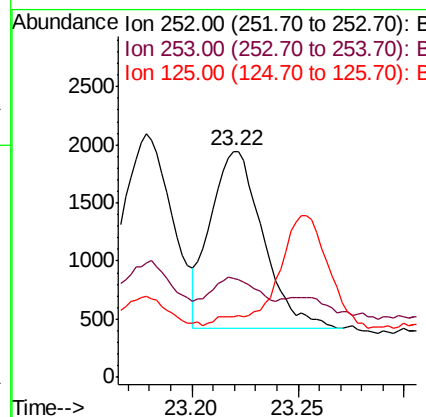
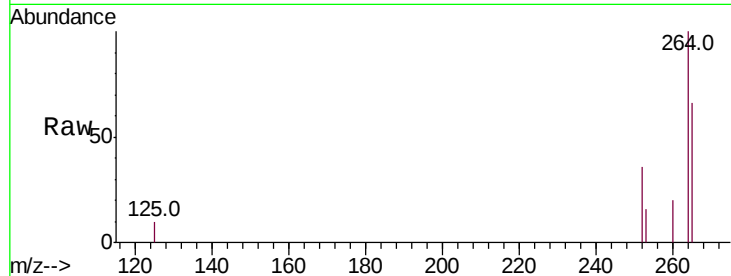
ClientSampleId :

DBD23

Tot Ion:	252	Resp:	2603
Ion Ratio	Lower	Upper	
252	100		
253	44.0	21.3	31.9#
125	26.6	8.5	12.7#

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.026 ng/u1

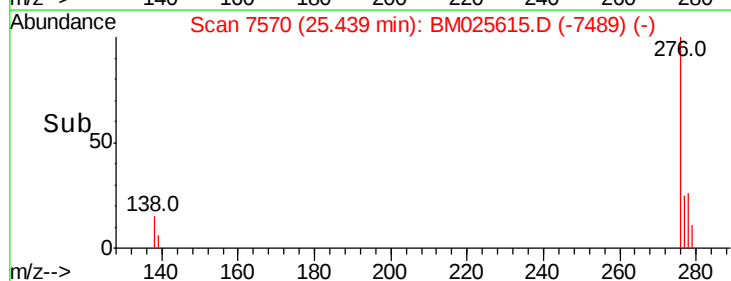
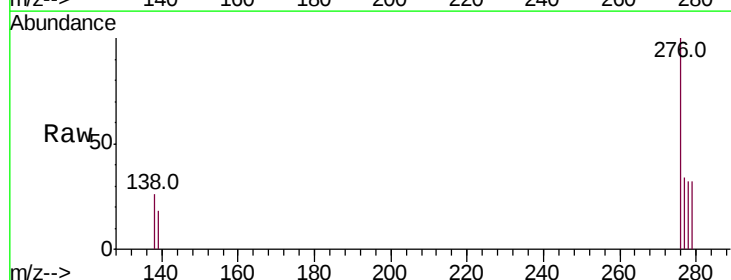
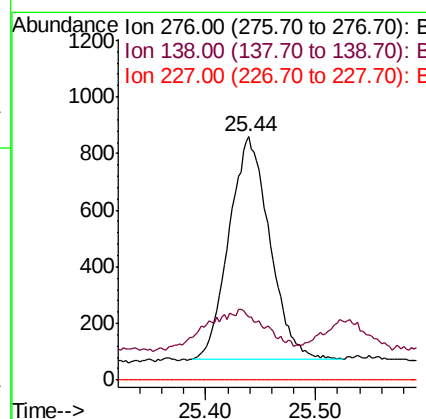
RT: 25.44 min Scan# 7570

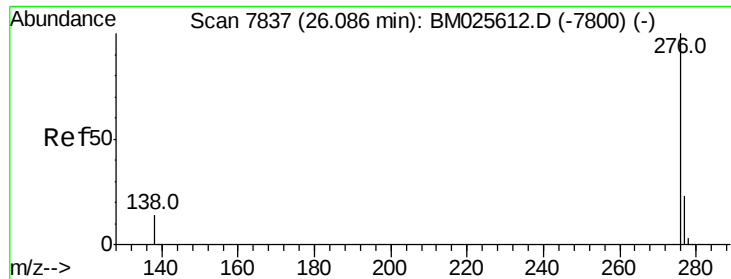
Delta R.T. -0.00 min

Lab File: BM025615.D

Acq: 17 Mar 2020 17:56

Tgt Ion:	276	Resp:	2027
Ion Ratio	Lower	Upper	
276	100		
138	26.8	12.3	18.5#
227	0.0	0.0	0.0





#26

Benzo(a,h,i)perylene

Concen: 0.025 ng/ul

RT: 26.09 min Scan# 7838

Delta R.T. 0.00 min

Lab File: BM025615.D

Acq: 17 Mar 2020 17:56

Instrument :

BNA_M

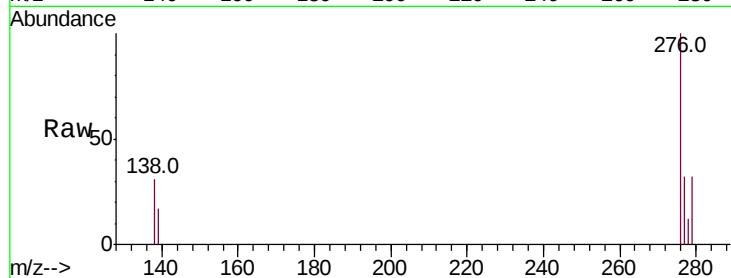
ClientSampleId :

DBD23

Tot Ion:	276	Resp:	1699
Ion Ratio	Lower	Upper	
276	100		
138	30.8	11.0	16.4#
277	32.2	19.8	29.6#

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Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

