

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022820\
 Data File : BM025169.D
 Acq On : 29 Feb 2020 15:42
 Operator : CG/JU
 Sample : L1542-08
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBD44

Manual Integrations
 APPROVED

Sohil
 3/3/2020 8:39:42 AM

Quant Time: Mar 02 02:42:29 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM022420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 02 02:08:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	2692	0.40	ng/ul	0.00
2) Naphthalene-d8	10.45	136	10635	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.31	164	6971	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	15632m	0.40	ng/ul	0.00
16) Chrysene-d12	21.24	240	16560	0.40	ng/ul	0.00
20) Perylene-d12	23.43	264	18533	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.05	152	7619	0.38	ng/ul	0.00
14) Fluoranthene-d10	19.08	212	19986	0.37	ng/ul	0.00
Target Compounds				Ovalue		
7) Acenaphthylene	14.03	152	1560	0.039	ng/ul#	78
12) Phenanthrene	17.09	178	1761	0.032	ng/ul#	90
13) Anthracene	17.18	178	1142	0.021	ng/ul#	82
15) Fluoranthene	19.11	202	3221	0.040	ng/ul	95
17) Pyrene	19.48	202	4736	0.063	ng/ul	95
18) Benzo(a)anthracene	21.22	228	1549	0.022	ng/ul#	83
21) Benzo(b)fluoranthene	22.78	252	2585m	0.036	ng/ul	

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

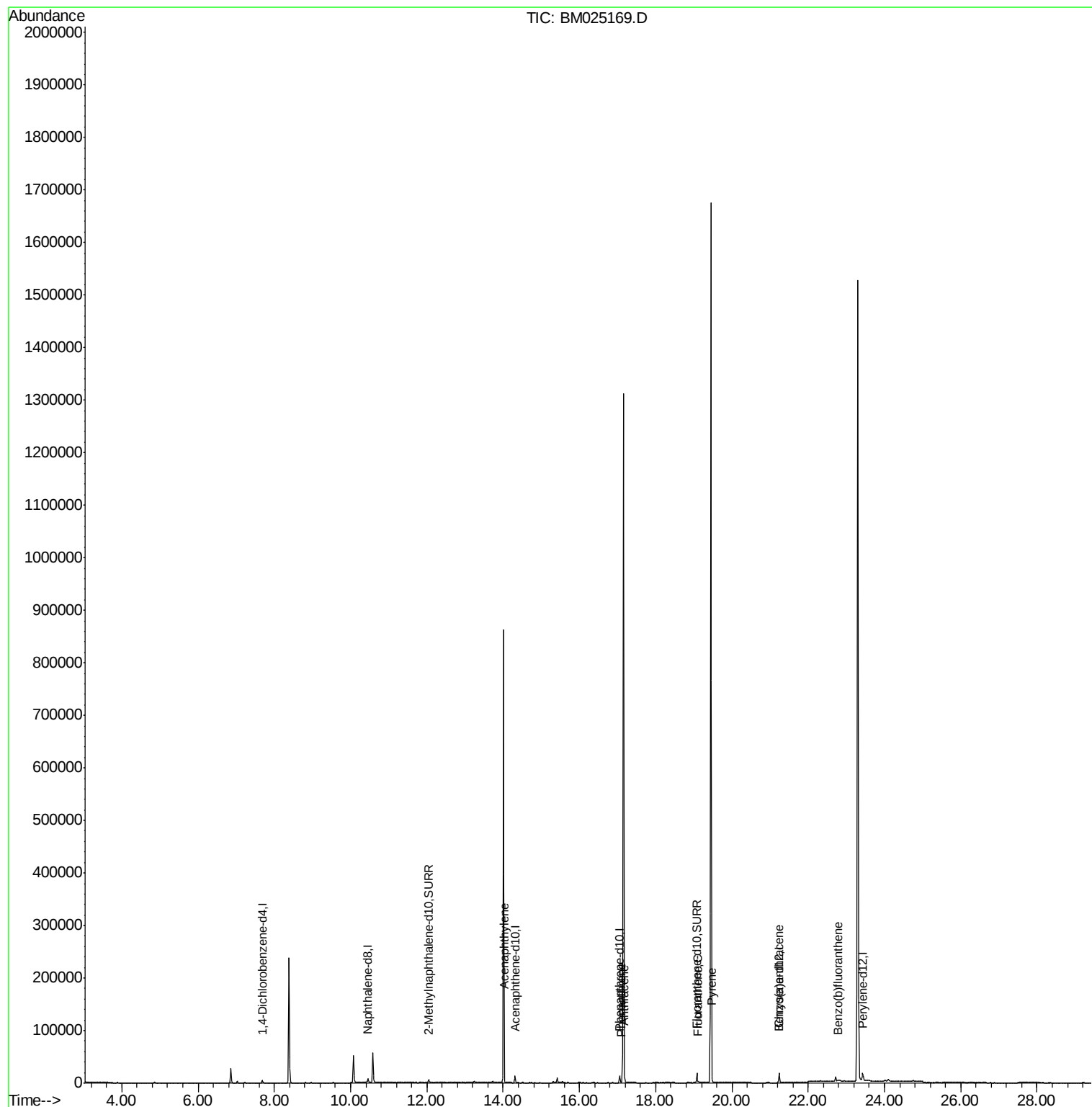
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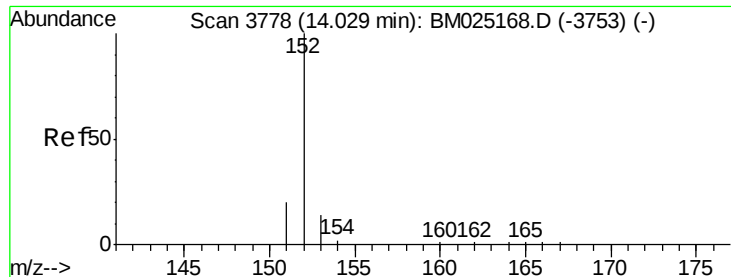
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 02 02:08:15 2020
Response via : Initial Calibration





#7

Acenaphthylene

Concen: 0.039 ng/ul

RT: 14.03 min Scan# 3778

Delta R.T. -0.00 min

Lab File: BM025169.D

Acq: 29 Feb 2020 15:42

Instrument :

BNA_M

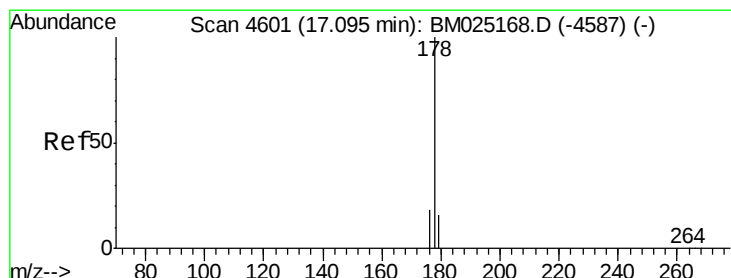
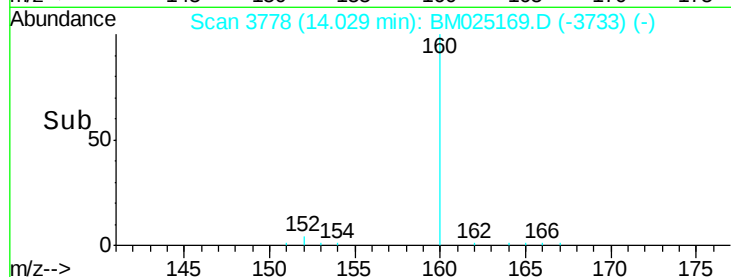
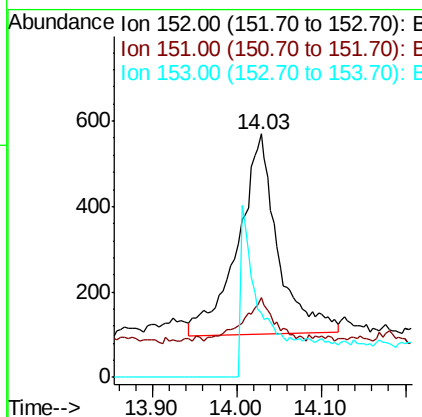
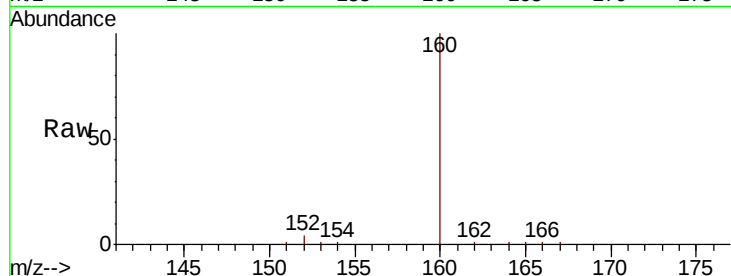
ClientSampleId :

DBD44

Tot Ion:	152	Resp:	1560
Ion Ratio	Lower	Upper	
152	100		
151	32.6	17.8	26.8#
153	26.7	13.3	19.9#

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#12

Phenanthrene

Concen: 0.032 ng/ul

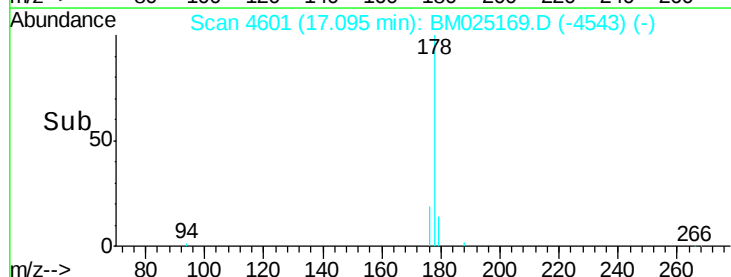
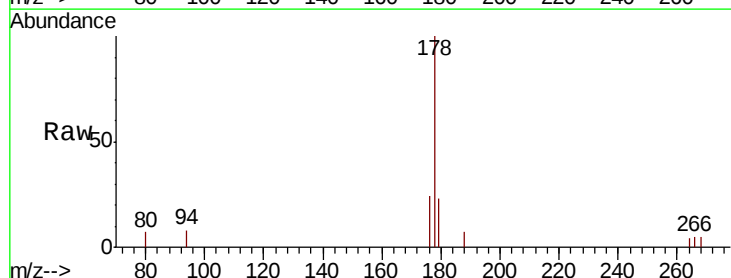
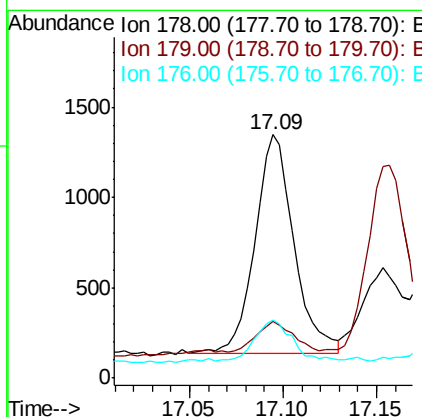
RT: 17.09 min Scan# 4601

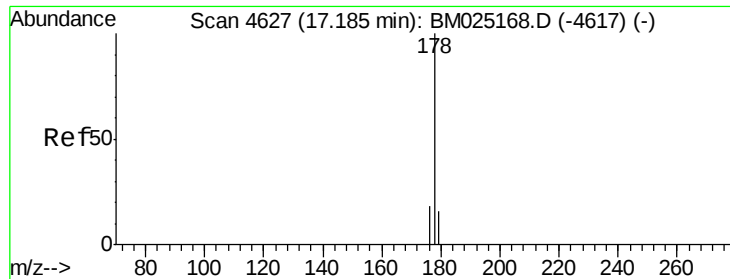
Delta R.T. -0.00 min

Lab File: BM025169.D

Acq: 29 Feb 2020 15:42

Tgt Ion:	178	Resp:	1761
Ion Ratio	Lower	Upper	
178	100		
179	23.2	14.0	21.0#
176	24.0	16.6	24.8





#13

Anthracene

Concen: 0.021 ng/ul

RT: 17.18 min Scan# 4627

Delta R.T. -0.00 min

Lab File: BM025169.D

Acq: 29 Feb 2020 15:42

Instrument :

BNA_M

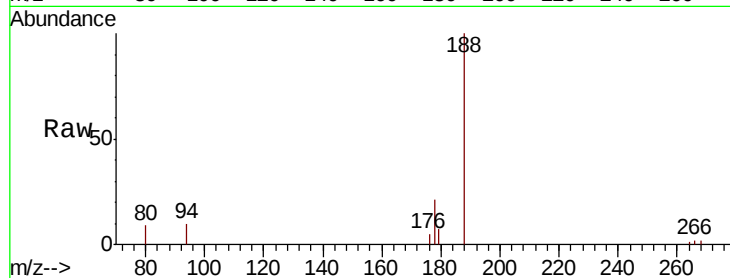
ClientSampled :

DBD44

Tot Ion	Ratio	Lower	Upper
178	100		
179	30.8	14.1	21.1#
176	23.9	16.2	24.4

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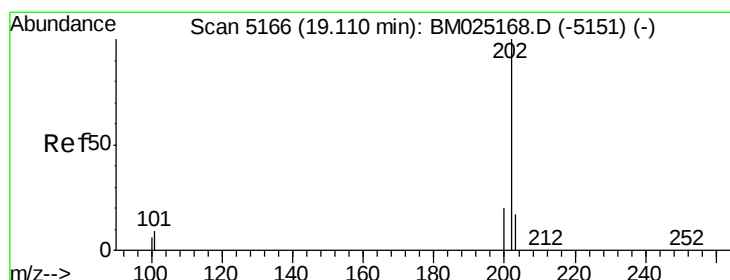
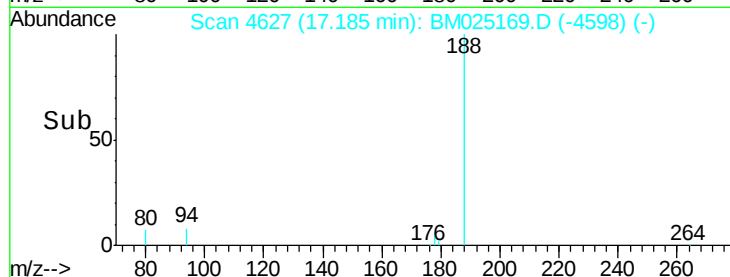
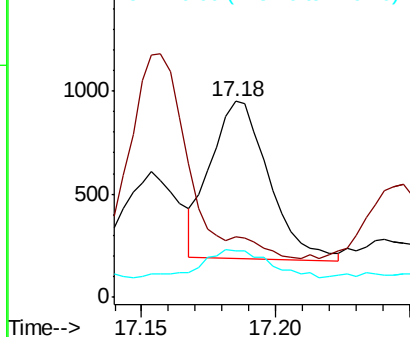


Abundance

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



#15

Fluoranthene

Concen: 0.040 ng/ul

RT: 19.11 min Scan# 5166

Delta R.T. -0.00 min

Lab File: BM025169.D

Acq: 29 Feb 2020 15:42

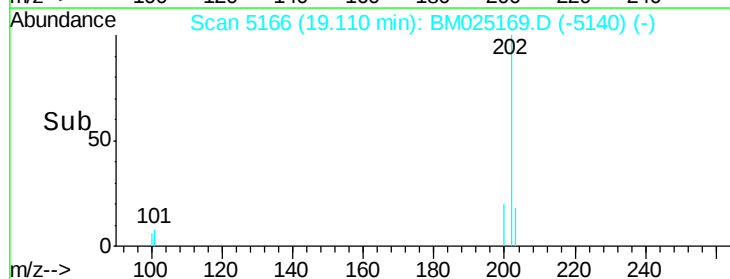
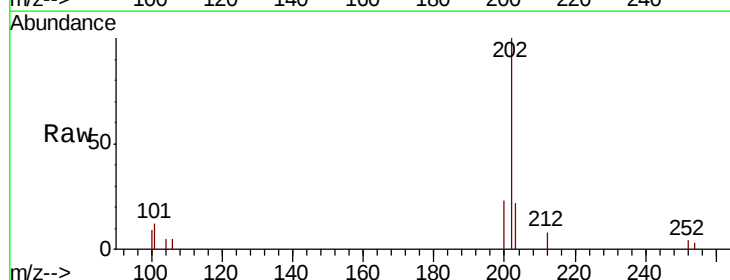
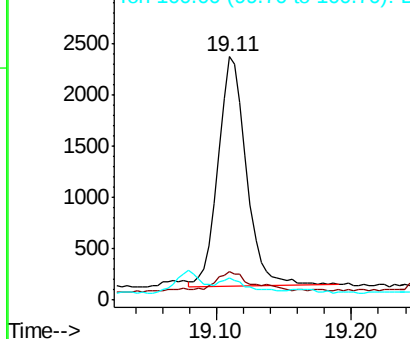
Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	29.4
100	9.4	0.0	28.0

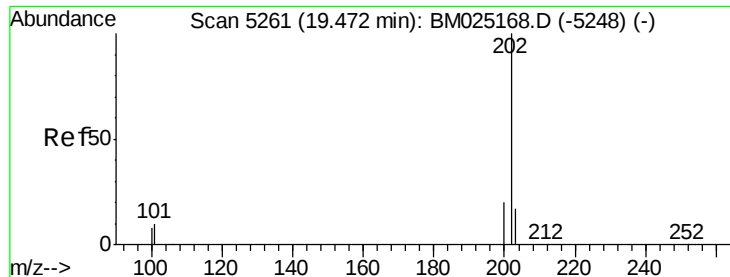
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





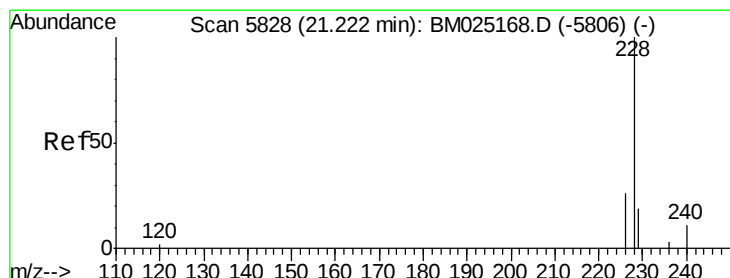
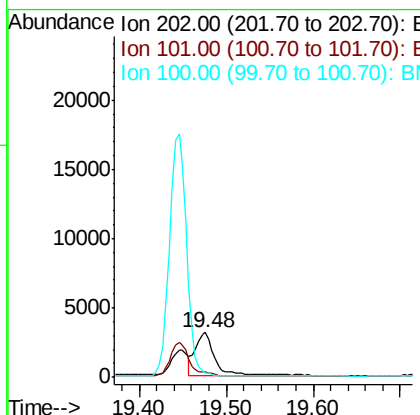
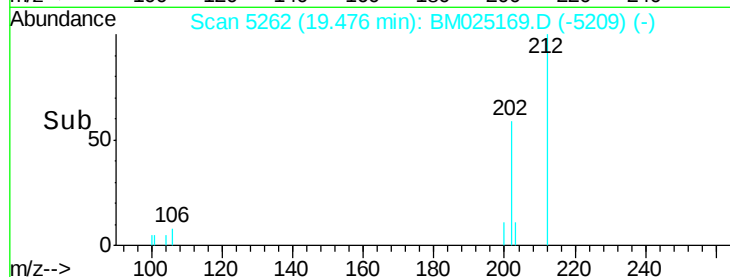
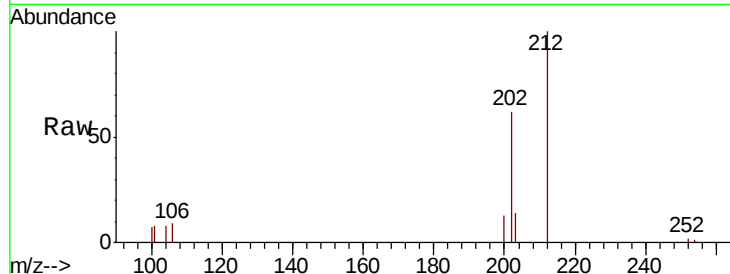
#17
Pvrene
Concen: 0.063 ng/ul
RT: 19.48 min Scan# 5262
Delta R.T. 0.00 min
Lab File: BM025169.D
Acq: 29 Feb 2020 15:42

Instrument :
BNA_M
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Tot Ion	Ratio	Lower	Upper
202	100		
101	12.6	8.7	13.1
100	10.7	7.3	10.9

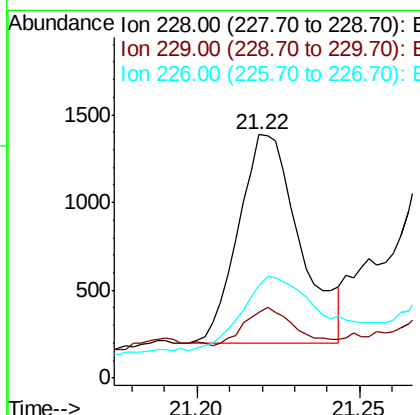
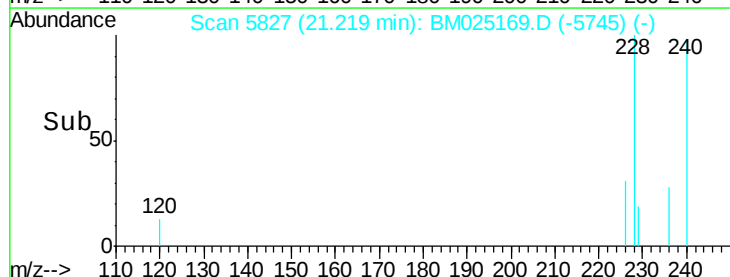
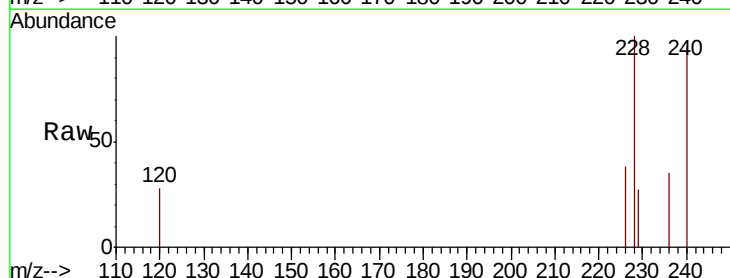
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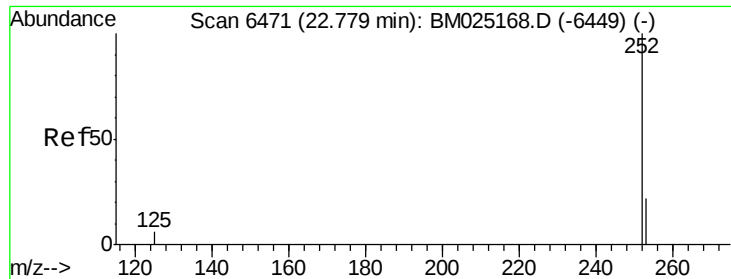
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#18
Benzo(a)anthracene
Concen: 0.022 ng/ul
RT: 21.22 min Scan# 5827
Delta R.T. -0.00 min
Lab File: BM025169.D
Acq: 29 Feb 2020 15:42

Tgt Ion	Ratio	Lower	Upper
228	100		
229	26.7	16.6	25.0#
226	38.1	21.9	32.9#





#21
 Benzo(b)fluoranthene
 Concen: 0.036 ng/ul m
 RT: 22.78 min Scan# 6471
 Delta R.T. -0.00 min
 Lab File: BM025169.D
 Acq: 29 Feb 2020 15:42

Instrument :
 BNA_M
 ClientSampleId :
 DBD44

Tot Ion:	252	Resp:	2585
Ion Ratio	Lower	Upper	
252	100		
253	49.2	0.0	49.8
125	35.6	0.0	28.6#

Manual Integrations
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