

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021821\
 Data File : BM028816.D
 Acq On : 19 Feb 2021 12:35
 Operator : CG/JU
 Sample : M1429-03
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBGR3

Manual Integrations
 APPROVED

mohammad
 2/22/2021 2:07:41 PM

Quant Time: Feb 19 13:07:07 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM020521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 19 10:10:00 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	342	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	1413	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	874	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.27	188	1887m	0.40	ng/ul	0.00
16) Chrysene-d12	21.42	240	1439	0.40	ng/ul	0.00
20) Perylene-d12	23.66	264	1453	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	977	0.49	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	1297	0.27	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.74	128	237	0.067	ng/ul#	10
8) Acenaphthene	14.60	153	2808	0.993	ng/ul	98
9) Fluorene	15.59	166	1424	0.454	ng/ul#	98
12) Phenanthrene	17.32	178	158	0.030	ng/ul#	8
13) Anthracene	17.41	178	151	0.030	ng/ul#	17
15) Fluoranthene	19.32	202	325	0.054	ng/ul#	1
17) Pyrene	19.68	202	281	0.054	ng/ul#	1

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

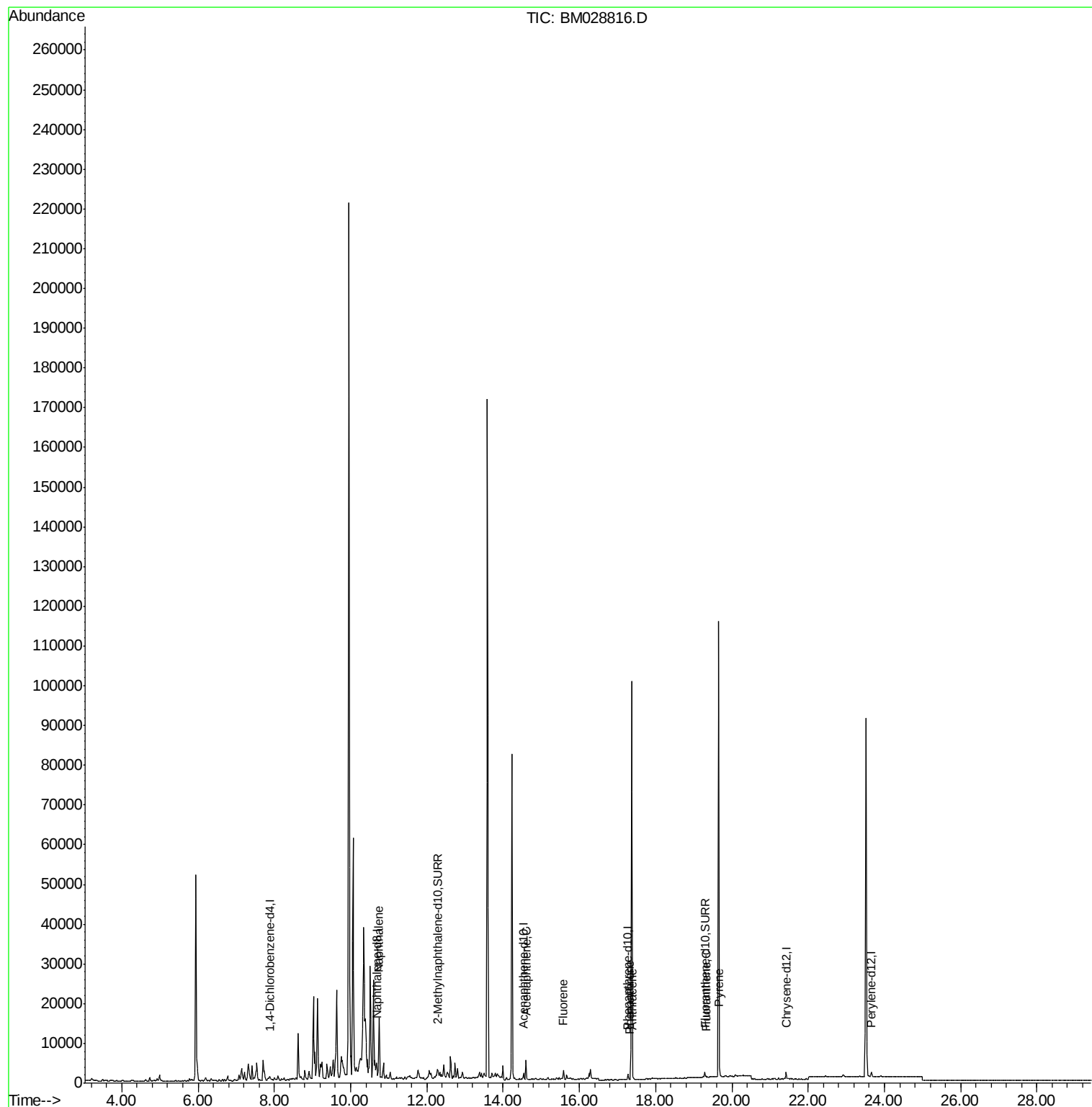
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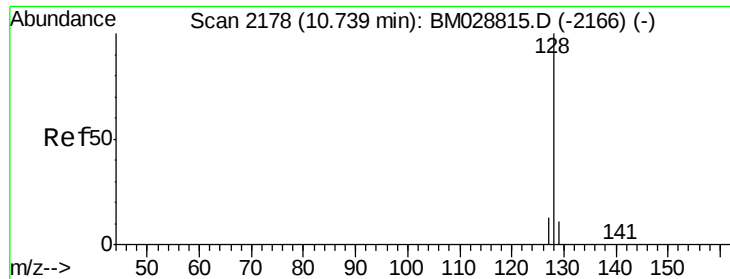
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#3

Naphthalene

Concen: 0.067 ng/ul

RT: 10.74 min Scan# 2179

Delta R.T. 0.01 min

Lab File: BM028816.D

Acq: 19 Feb 2021 12:35

Instrument :

BNA_M

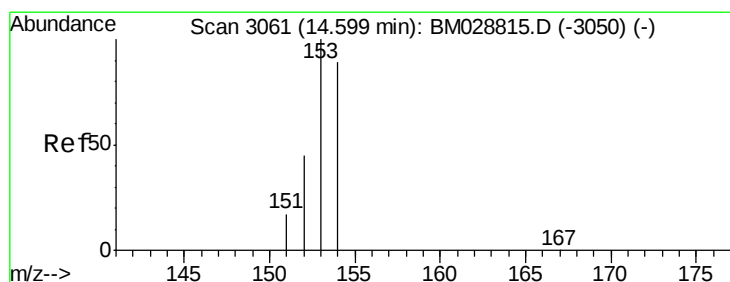
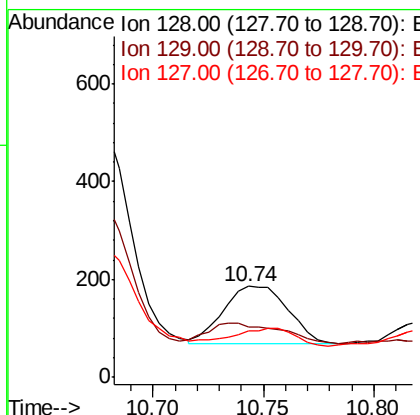
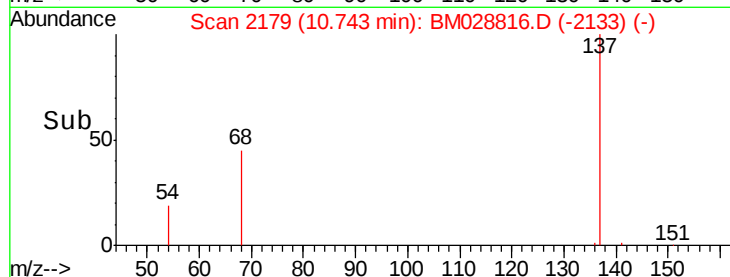
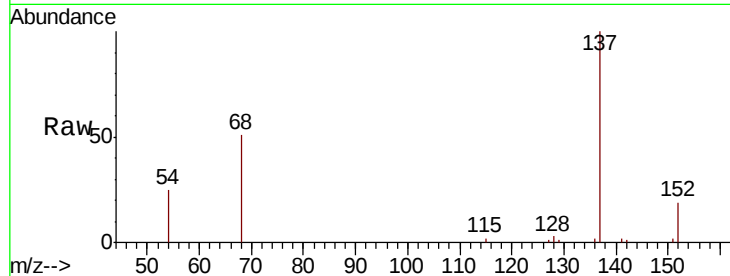
ClientSampleId :

DBG3

Tot Ion:	128	Resp:	237
Ion Ratio	Lower	Upper	
128	100		
129	54.8	11.4	17.2#
127	51.1	13.0	19.6#

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#8

Acenaphthene

Concen: 0.993 ng/ul

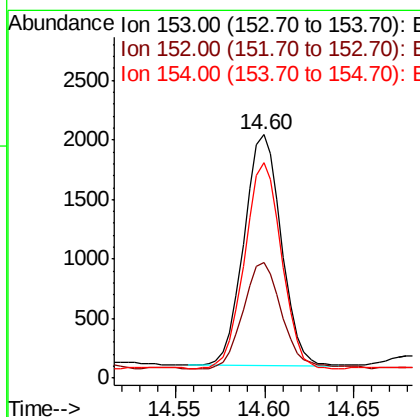
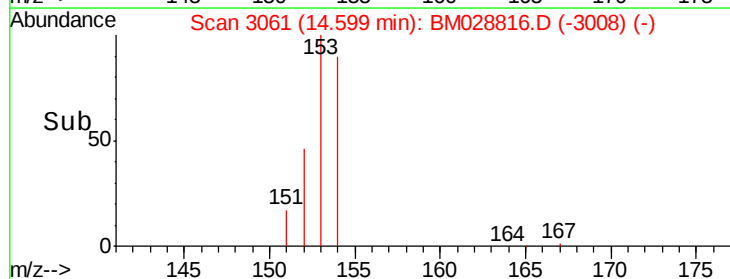
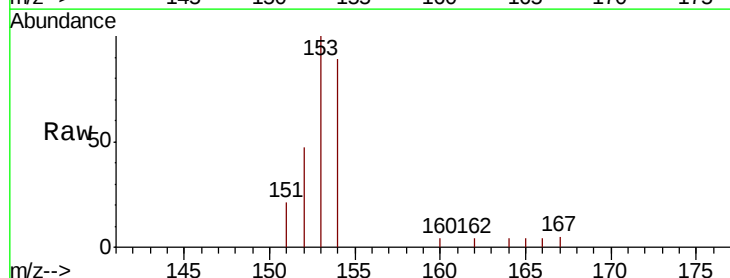
RT: 14.60 min Scan# 3061

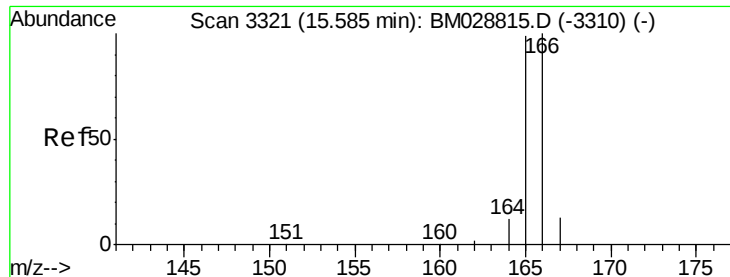
Delta R.T. 0.00 min

Lab File: BM028816.D

Acq: 19 Feb 2021 12:35

Tgt Ion:	153	Resp:	2808
Ion Ratio	Lower	Upper	
153	100		
152	47.3	39.6	59.4
154	88.5	70.3	105.5





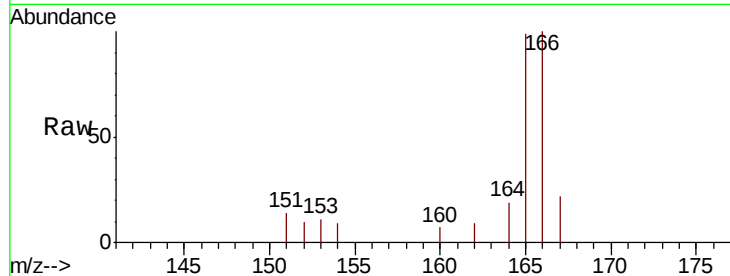
#9
Fluorene
 Concen: 0.454 ng/ul
 RT: 15.59 min Scan# 3321
 Delta R.T. 0.00 min
 Lab File: BM028816.D
 Acq: 19 Feb 2021 12:35

Instrument :
 BNA_M
 ClientSampled :
 DBGR3

Tot Ion	Ratio	Lower	Upper
166	100		
165	99.4	79.6	119.4
167	21.9	13.9	20.9

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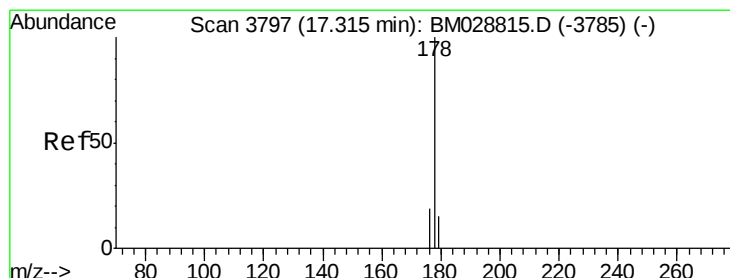
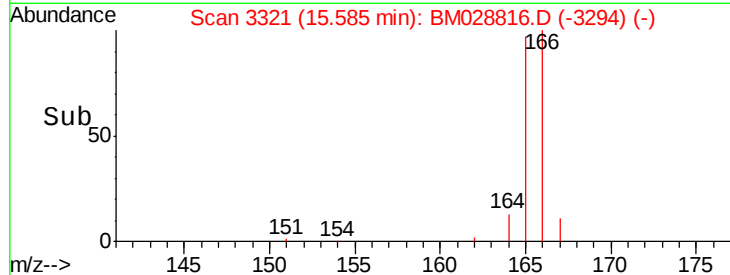
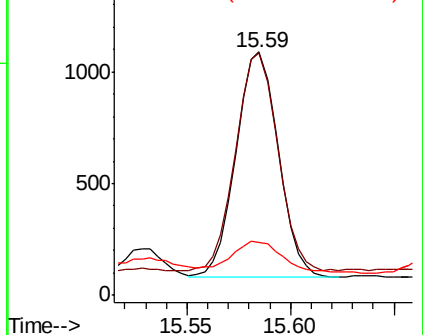


Abundance

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: 0.030 ng/ul
 RT: 17.32 min Scan# 3797
 Delta R.T. 0.00 min
 Lab File: BM028816.D
 Acq: 19 Feb 2021 12:35

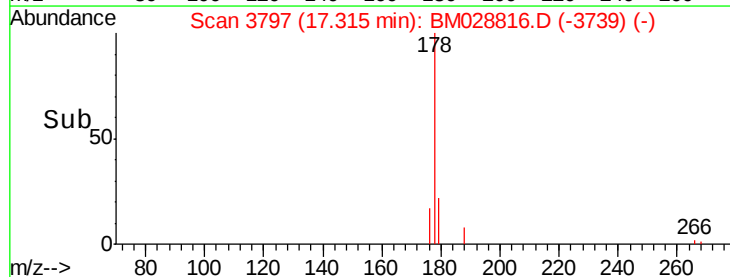
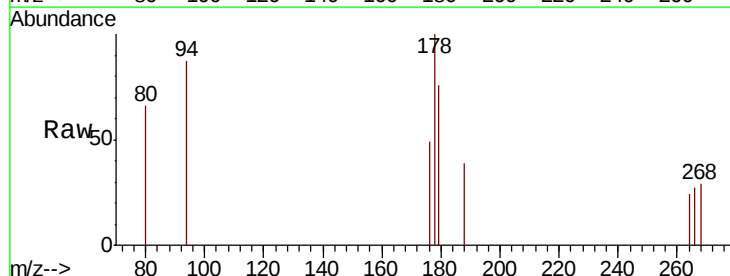
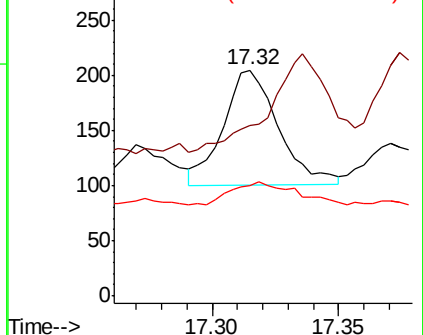
Tgt Ion	Ratio	Lower	Upper
178	100		
179	75.6	14.7	22.1
176	48.8	16.7	25.1

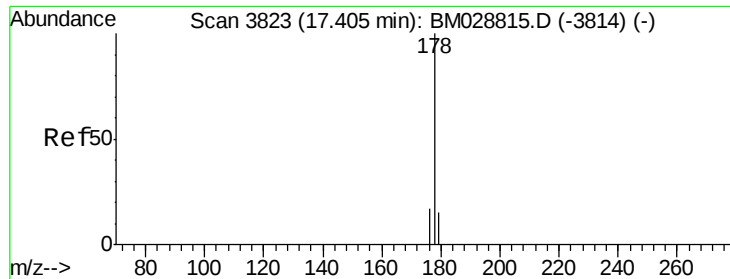
Abundance

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





#13

Anthracene

Concen: 0.030 ng/ul

RT: 17.41 min Scan# 3823

Delta R.T. -0.00 min

Lab File: BM028816.D

Acq: 19 Feb 2021 12:35

Instrument :

BNA_M

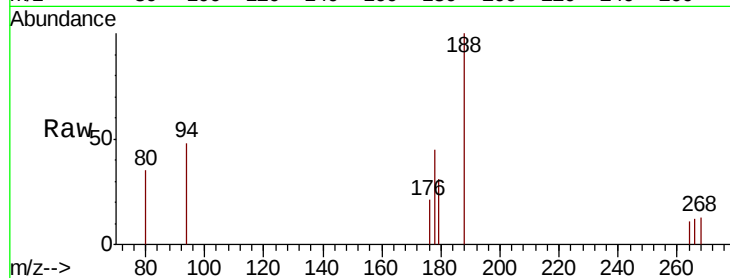
ClientSampleId :

DBGR3

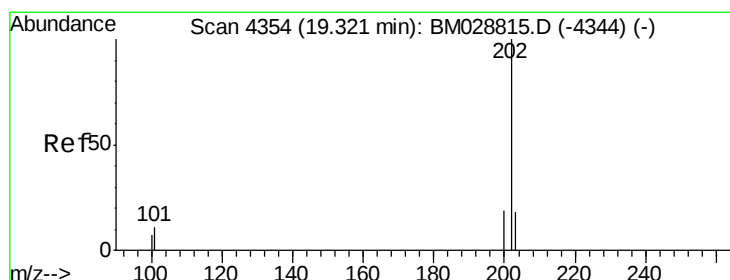
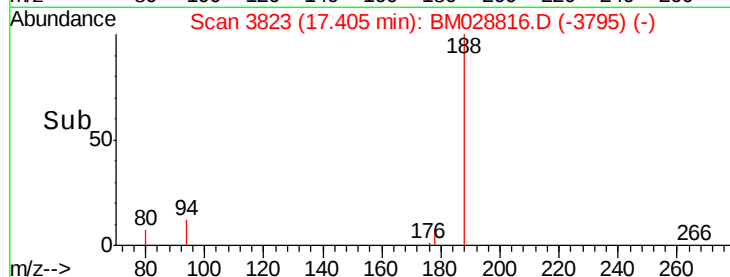
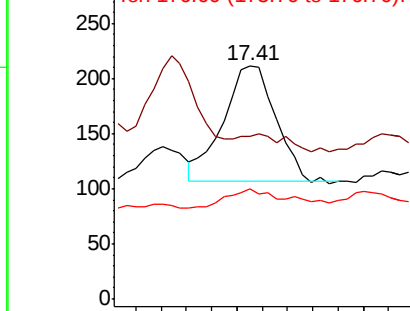
Tot Ion:	178	Resp:	151
Ion	Ratio	Lower	Upper
178	100		
179	69.3	15.0	22.4#
176	47.2	16.6	24.8#

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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: 0.054 ng/ul

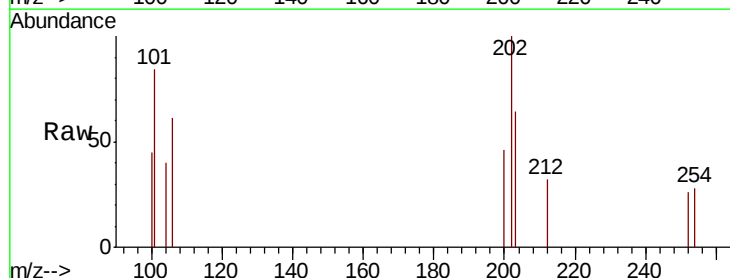
RT: 19.32 min Scan# 4354

Delta R.T. 0.00 min

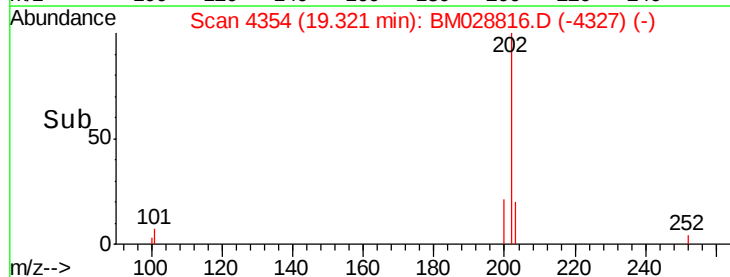
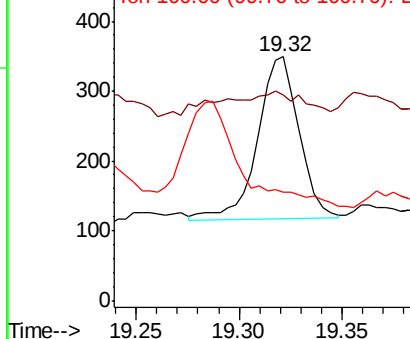
Lab File: BM028816.D

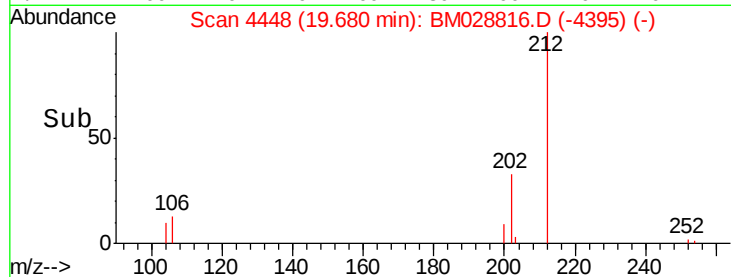
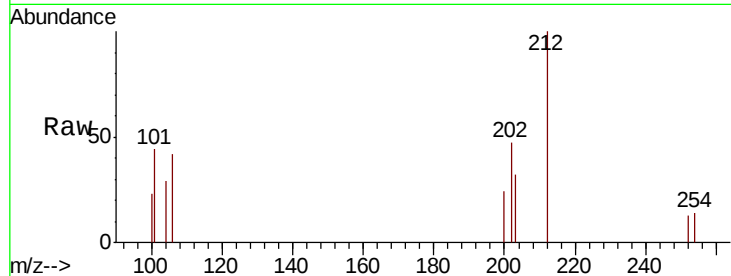
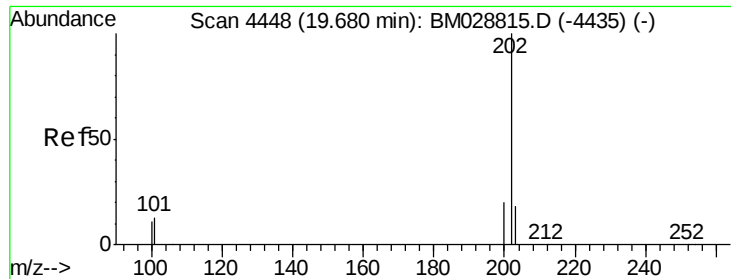
Acq: 19 Feb 2021 12:35

Tgt Ion:	202	Resp:	325
Ion	Ratio	Lower	Upper
202	100		
101	84.2	0.0	34.5#
100	44.7	0.0	31.7#



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: 0.054 ng/ul
 RT: 19.68 min Scan# 4448
 Delta R.T. 0.00 min
 Lab File: BM028816.D
 Acq: 19 Feb 2021 12:35

Instrument :
 BNA_M
 ClientSampleId :
 DBGR3

Tot Ion	Ratio	Lower	Upper
202	100		
101	94.4	12.7	19.1#
100	50.1	10.2	15.4#

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