

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022820\
 Data File : BM025149.D
 Acq On : 29 Feb 2020 00:45
 Operator : CG/JU
 Sample : L1507-14
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBD12

Manual Integrations
 APPROVED

Sohil
 3/3/2020 8:39:22 AM

Quant Time: Feb 29 05:53:44 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 : Sat Feb 29 04:43:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	3290	0.40	ng/ul	0.00
2) Naphthalene-d8	10.45	136	12870	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.31	164	10132	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.06	188	20264m	0.40	ng/ul	0.00
16) Chrysene-d12	21.25	240	28224	0.40	ng/ul	0.00
20) Perylene-d12	23.44	264	32101	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.05	152	5498	0.23	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	13625	0.20	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.50	128	534176	13.635	ng/ul#	82
5) 2-Methylnaphthalene	12.12	142	416839	14.745	ng/ul	100
7) Acenaphthylene	14.03	152	329247	5.636	ng/ul	93
8) Acenaphthene	14.38	153	722760	18.415	ng/ul	97
9) Fluorene	15.36	166	621695	12.623	ng/ul#	96
12) Phenanthrene	17.10	178	3316012	46.524	ng/ul	95
13) Anthracene	17.19	178	1484814	21.494	ng/ul	95
15) Fluoranthene	19.13	202	12661070	122.290	ng/ul	99
17) Pyrene	19.49	202	19559732	153.800	ng/ul#	91
18) Benzo(a)anthracene	21.23	228	5644328	46.319	ng/ul	95
19) Chrysene	21.29	228	7171013	59.080	ng/ul	97
21) Benzo(b)fluoranthene	22.80	252	8238057m	65.468	ng/ul	
22) Benzo(k)fluoranthene	22.84	252	2845493m	22.826	ng/ul	
23) Benzo(a)pyrene	23.36	252	3390341	29.510	ng/ul#	89
24) Indeno(1,2,3-cd)pyrene	25.64	276	1727261	12.000	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.64	278	468372m	3.872	ng/ul	
26) Benzo(a,h,i)perylene	26.30	276	1102504	9.089	ng/ul#	91

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

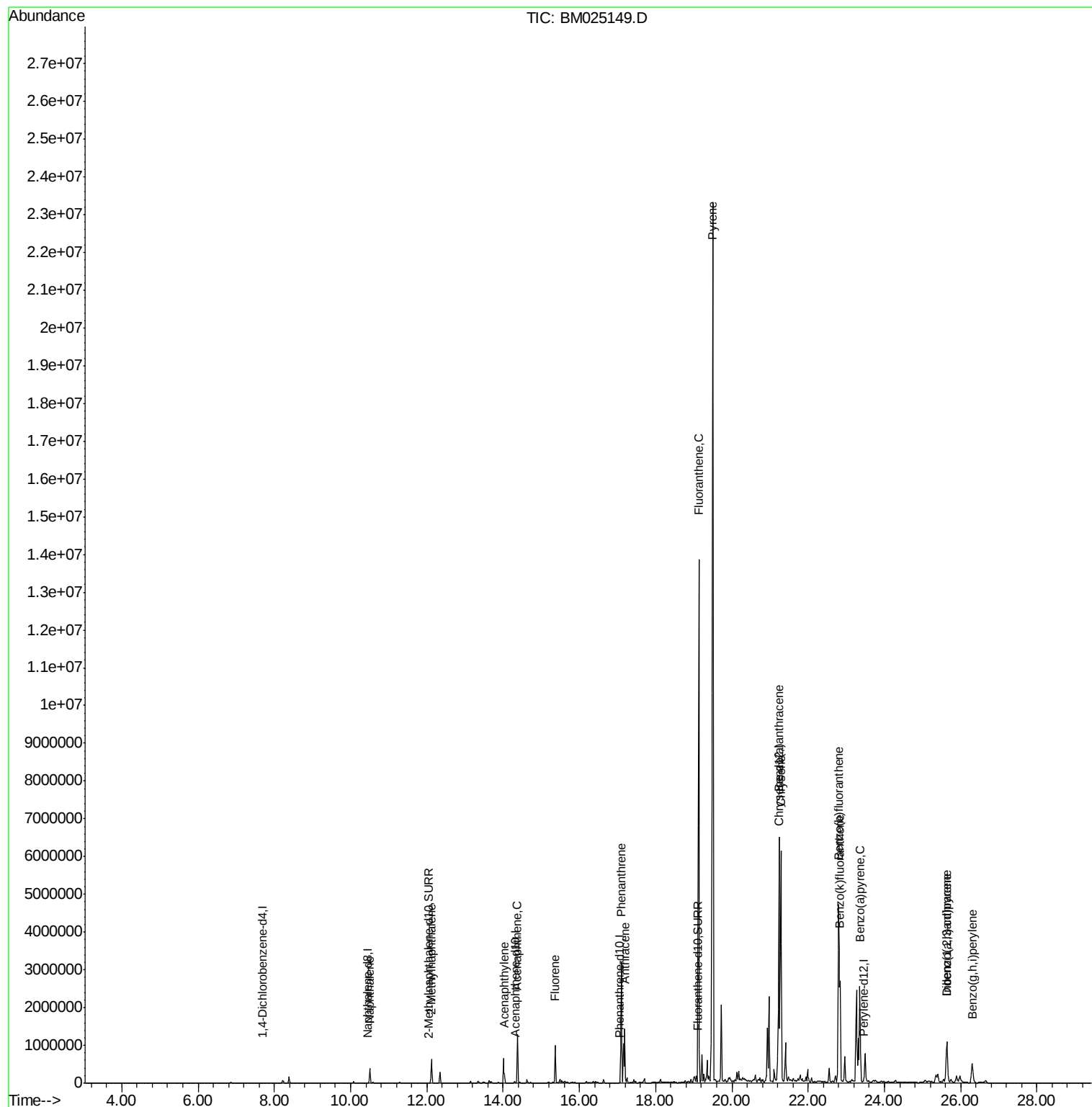
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022820\
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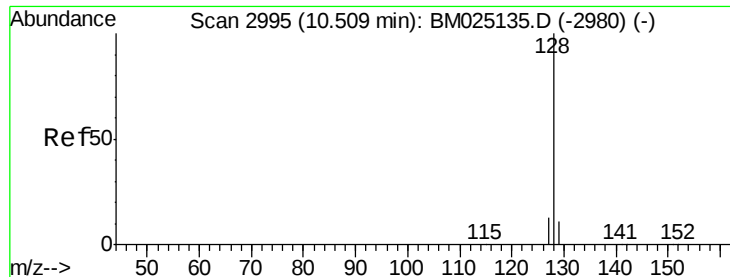
Instrument :
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Quant Time: Feb 29 05:53:44 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM022420.M
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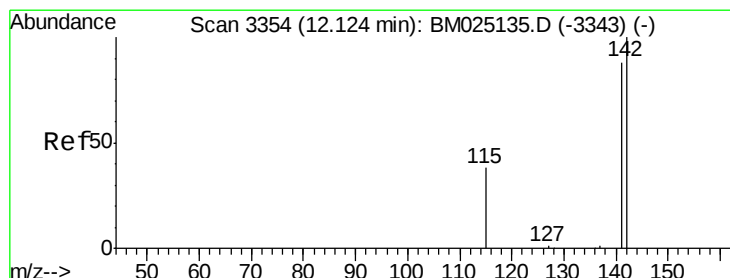
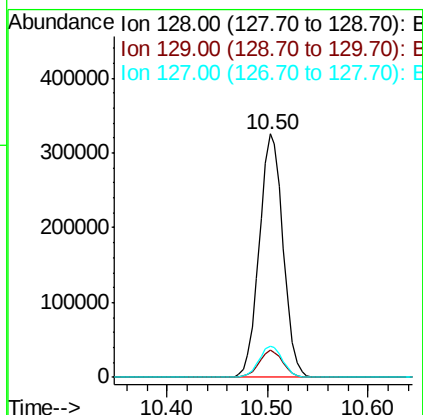
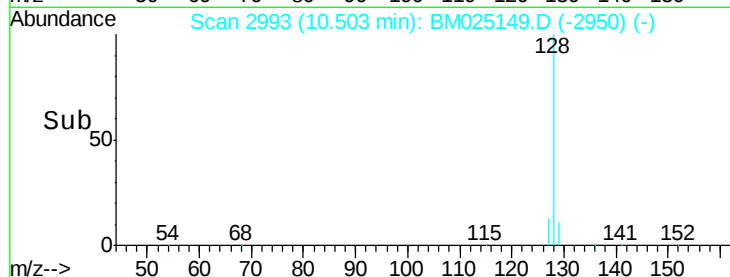
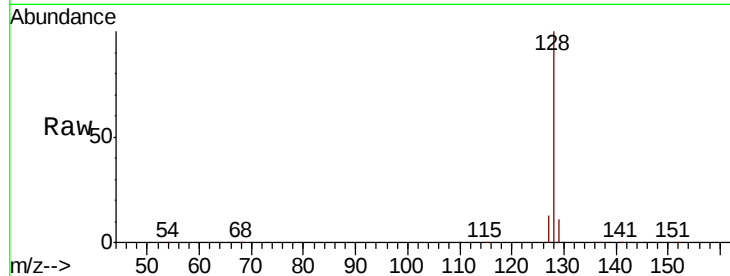
#3
Naphthalene
Concen: 13.635 ng/ul
RT: 10.50 min Scan# 2993
Delta R.T. -0.01 min
Lab File: BM025149.D
Acq: 29 Feb 2020 00:45

Instrument :
BNA_M
ClientSampleId :
DBD12

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	17.0	25.6#
127	12.9	15.7	23.5#

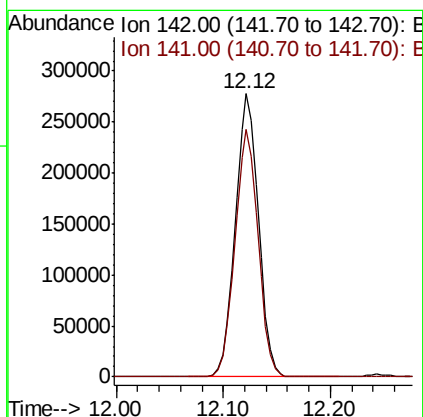
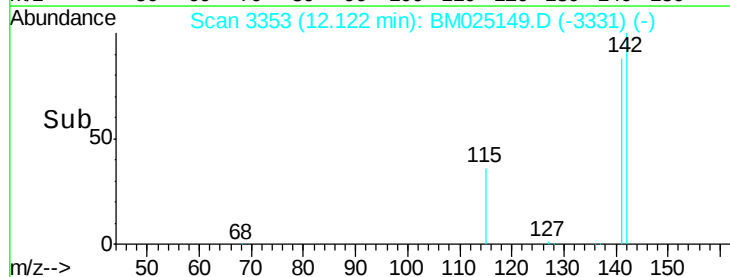
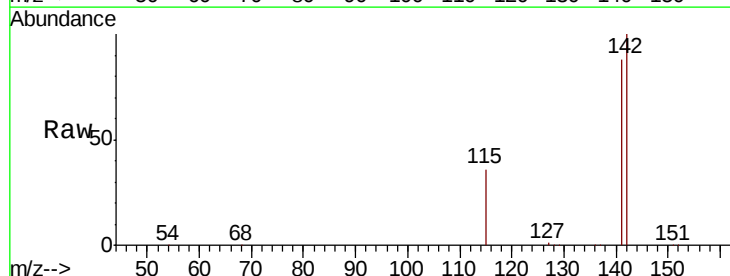
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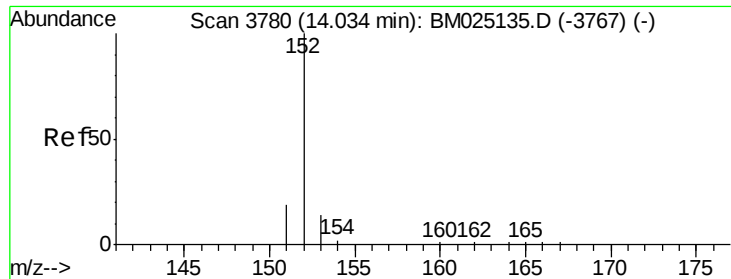
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#5
2-Methylnaphthalene
Concen: 14.745 ng/ul
RT: 12.12 min Scan# 3353
Delta R.T. -0.00 min
Lab File: BM025149.D
Acq: 29 Feb 2020 00:45

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.6	69.8	104.8





#7

Acenaphthylene

Concen: 5.636 ng/ul

RT: 14.03 min Scan# 3778

Delta R.T. -0.01 min

Lab File: BM025149.D

Acq: 29 Feb 2020 00:45

Instrument :

BNA_M

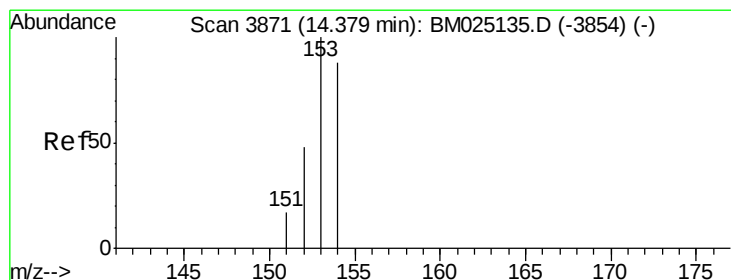
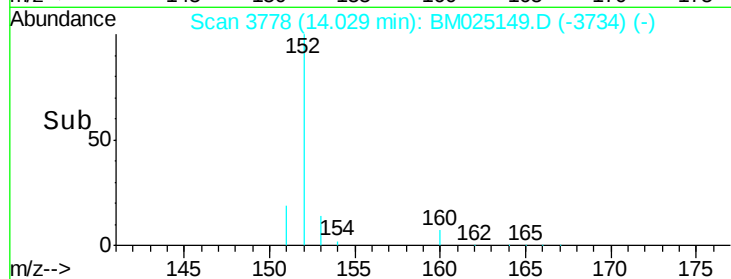
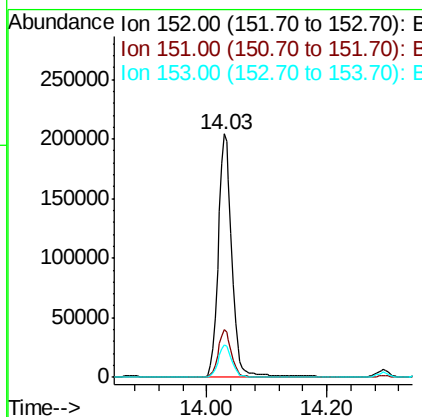
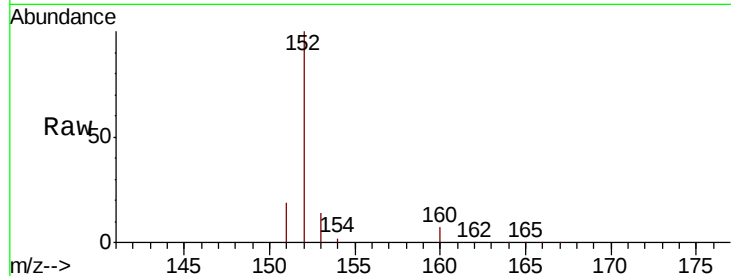
ClientSampled :

DBD12

Tot Ion:	152	Resp:	329247
Ion Ratio	Lower	Upper	
152	100		
151	19.4	17.8	26.8
153	13.5	13.3	19.9

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#8

Acenaphthene

Concen: 18.415 ng/ul

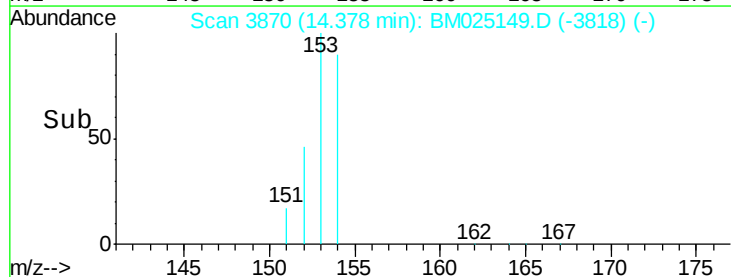
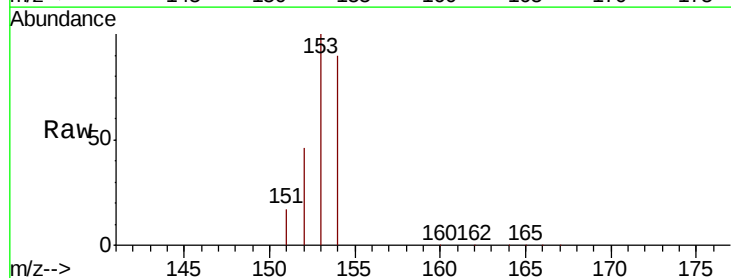
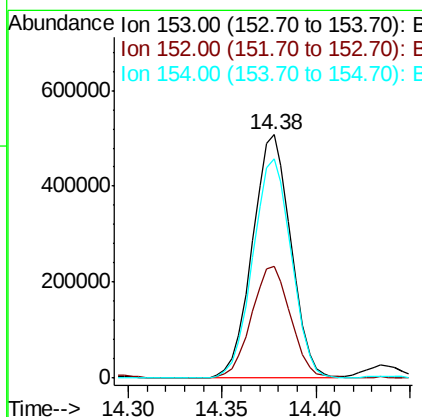
RT: 14.38 min Scan# 3870

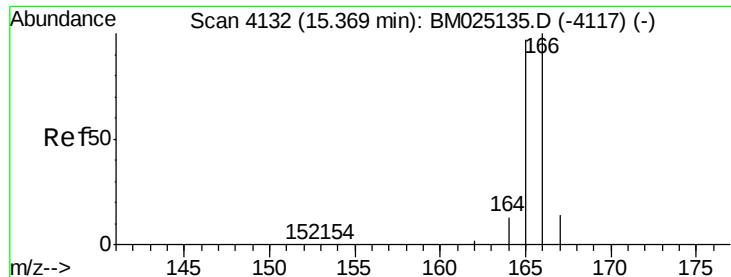
Delta R.T. -0.00 min

Lab File: BM025149.D

Acq: 29 Feb 2020 00:45

Tgt Ion:	153	Resp:	722760
Ion Ratio	Lower	Upper	
153	100		
152	46.0	40.0	60.0
154	90.1	71.0	106.6





#9

Fluorene

Concen: 12.623 ng/ul

RT: 15.36 min Scan# 4130

Delta R.T. -0.01 min

Lab File: BM025149.D

Acq: 29 Feb 2020 00:45

Instrument :

BNA_M

ClientSampleId :

DBD12

Tot Ion:166 Resp: 621695

Ion Ratio Lower Upper

166 100

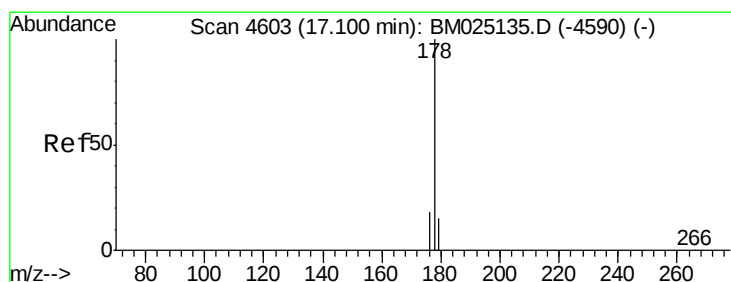
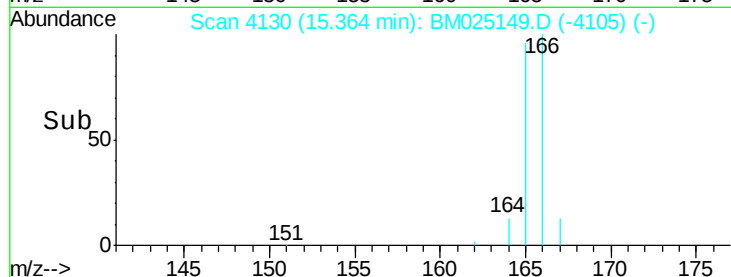
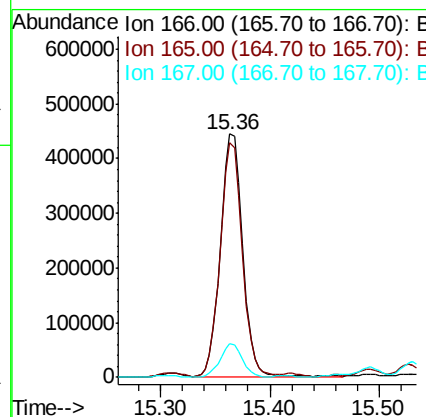
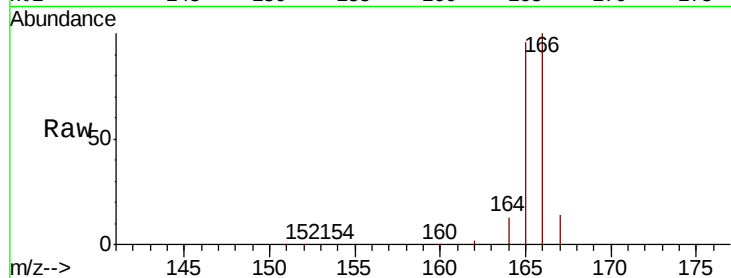
165 96.2 80.0 120.0

167 13.6 13.7 20.5#

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#12

Phenanthrene

Concen: 46.524 ng/ul

RT: 17.10 min Scan# 4602

Delta R.T. -0.00 min

Lab File: BM025149.D

Acq: 29 Feb 2020 00:45

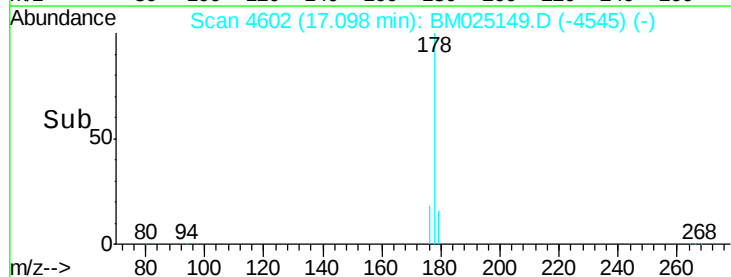
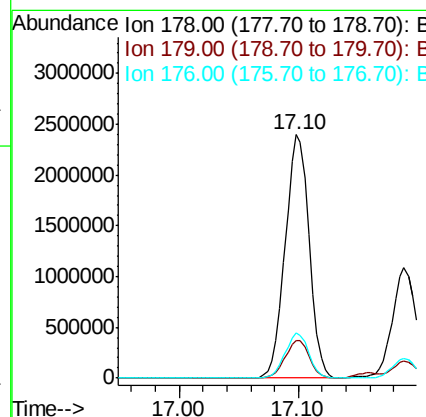
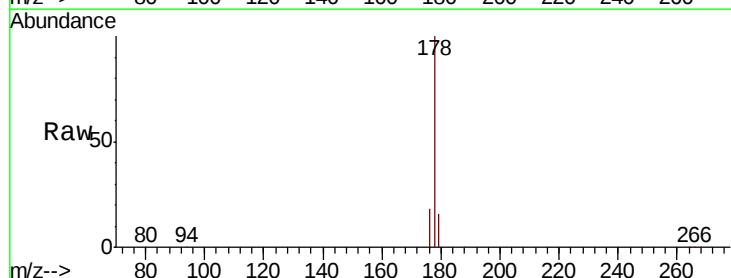
Tgt Ion:178 Resp: 3316012

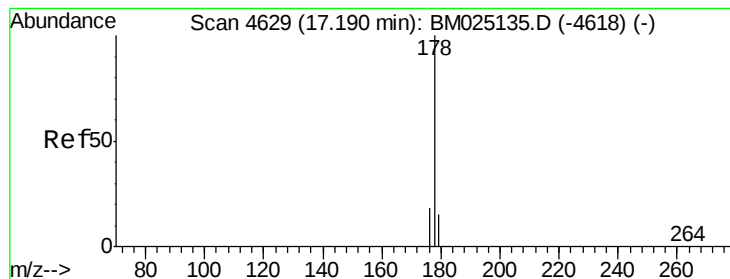
Ion Ratio Lower Upper

178 100

179 15.7 14.0 21.0

176 18.4 16.6 24.8





#13

Anthracene

Concen: 21.494 ng/ul

RT: 17.19 min Scan# 4628

Delta R.T. -0.00 min

Lab File: BM025149.D

Acq: 29 Feb 2020 00:45

Instrument :

BNA_M

ClientSampled :

DBD12

Tot Ion:178 Resp: 1484814

Ion Ratio Lower Upper

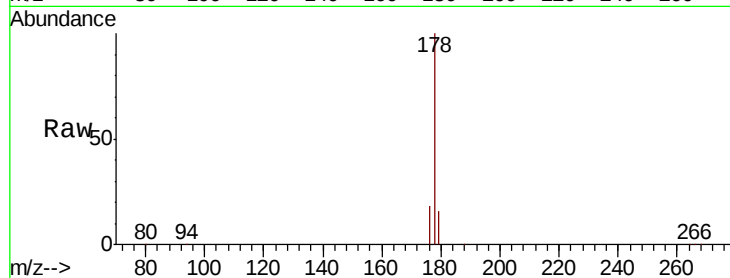
178 100

179 15.5 14.1 21.1

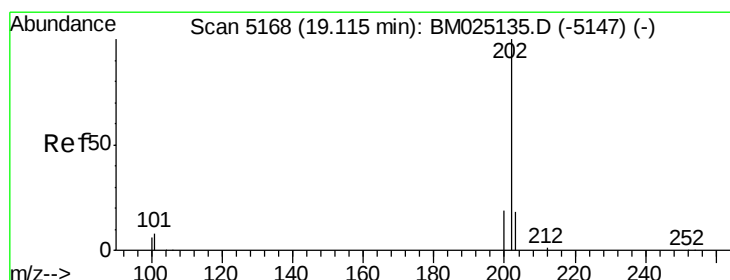
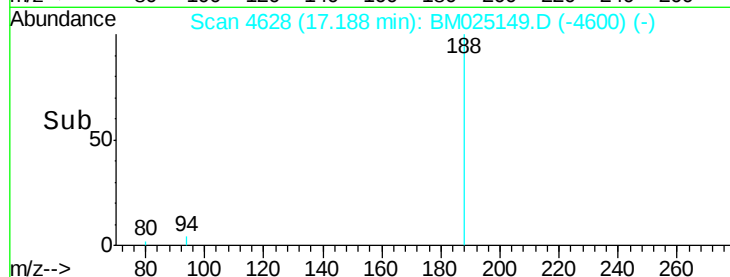
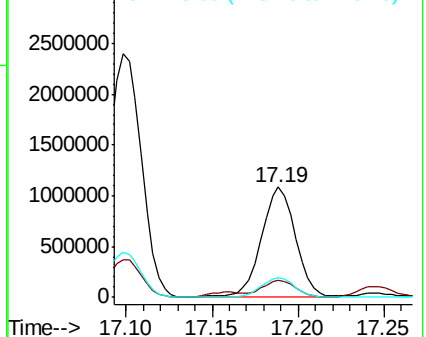
176 17.8 16.2 24.4

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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: 122.290 ng/ul

RT: 19.13 min Scan# 5170

Delta R.T. 0.01 min

Lab File: BM025149.D

Acq: 29 Feb 2020 00:45

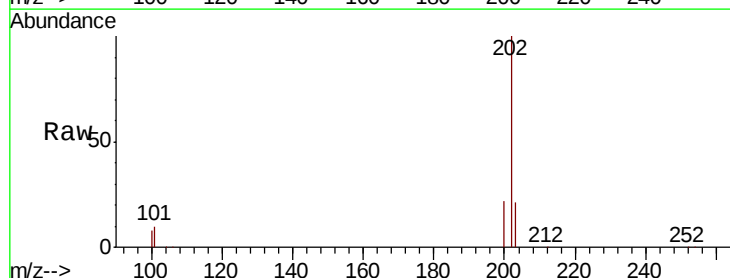
Tgt Ion:202 Resp:12661070

Ion Ratio Lower Upper

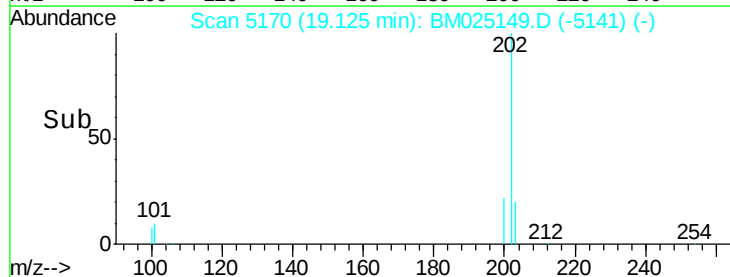
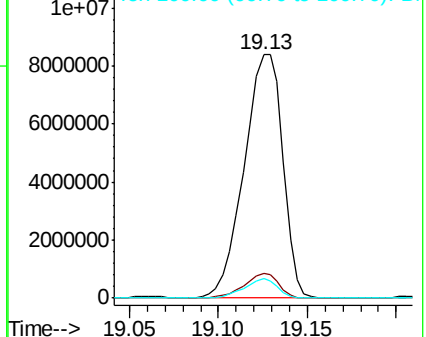
202 100

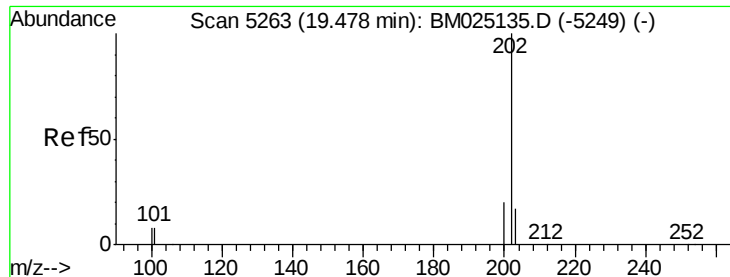
101 10.2 0.0 29.4

100 7.9 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





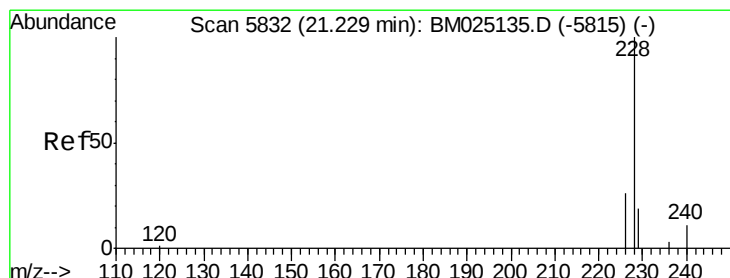
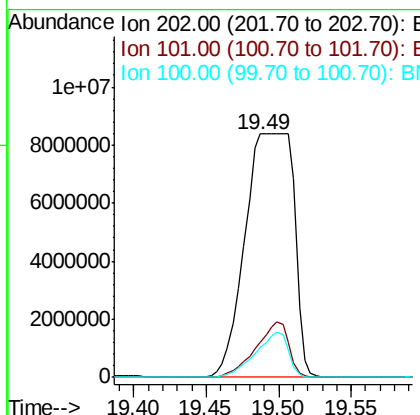
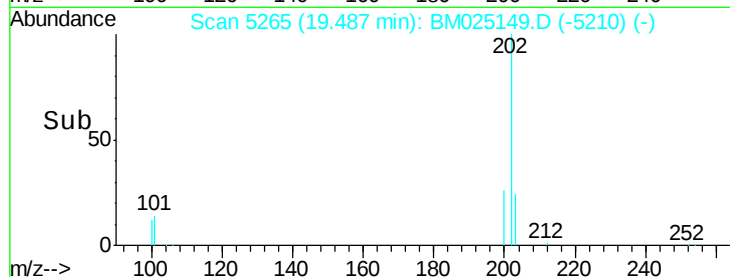
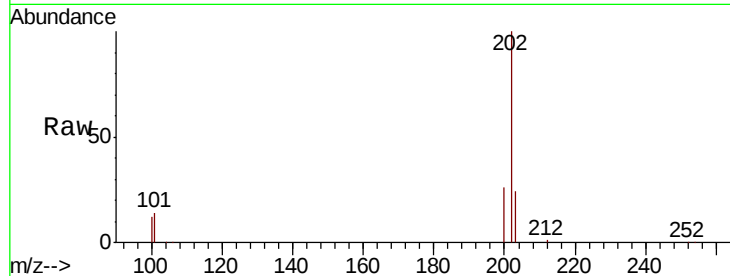
#17
Pvrene
Concen: 153.800 ng/ul
RT: 19.49 min Scan# 5265
Delta R.T. 0.01 min
Lab File: BM025149.D
Acq: 29 Feb 2020 00:45

Instrument :
BNA_M
ClientSampled :
DBD12

Tot Ion:202 Resp:19559732
Ion Ratio Lower Upper
202 100
101 14.4 8.7 13.1#
100 12.1 7.3 10.9#

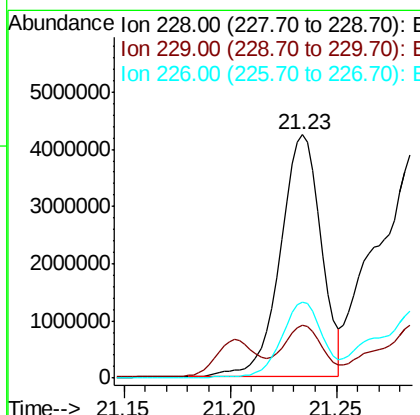
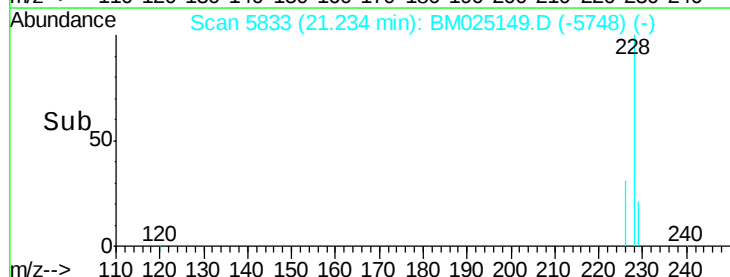
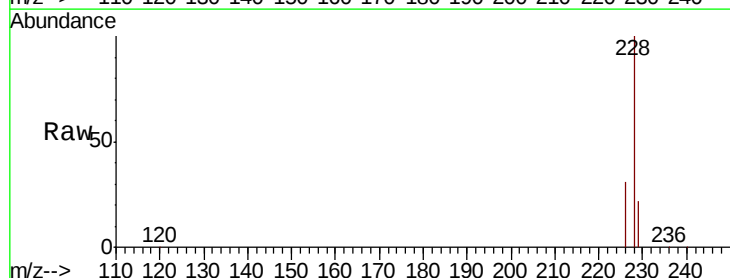
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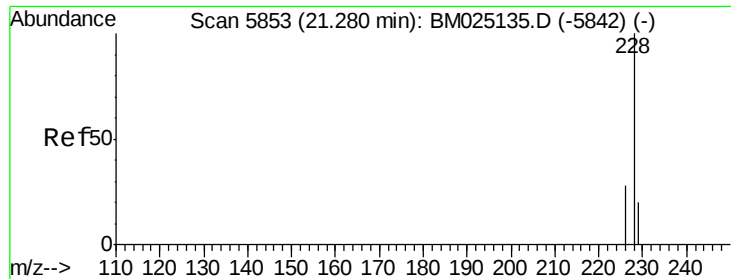
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#18
Benzo(a)anthracene
Concen: 46.319 ng/ul
RT: 21.23 min Scan# 5833
Delta R.T. 0.00 min
Lab File: BM025149.D
Acq: 29 Feb 2020 00:45

Tgt Ion:228 Resp: 5644328
Ion Ratio Lower Upper
228 100
229 21.7 16.6 25.0
226 31.3 21.9 32.9





#19

Chrysene

Concen: 59.080 ng/ul

RT: 21.29 min Scan# 5855

Delta R.T. 0.01 min

Lab File: BM025149.D

Acq: 29 Feb 2020 00:45

Instrument :

BNA_M

ClientSampled :

DBD12

Tot Ion:228 Resp: 7171013

Ion Ratio Lower Upper

228 100

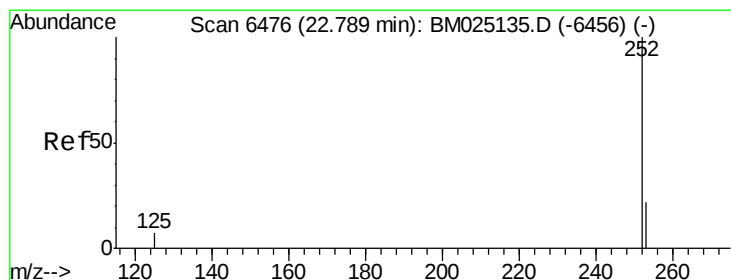
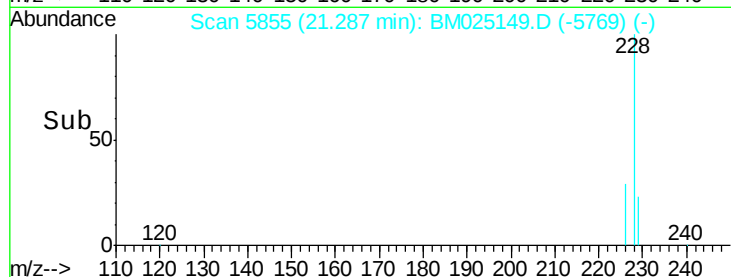
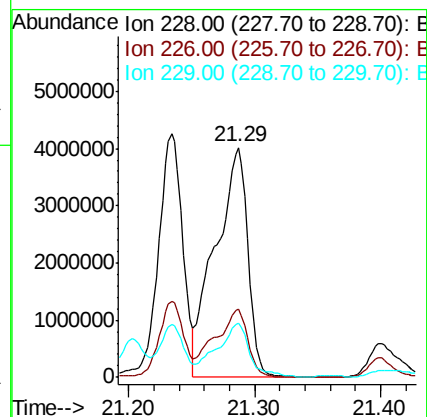
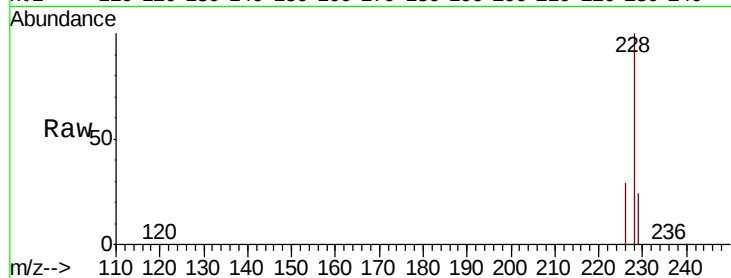
226 29.4 23.8 35.8

229 23.5 16.9 25.3

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#21

Benzo(b)fluoranthene

Concen: 65.468 ng/ul m

RT: 22.80 min Scan# 6481

Delta R.T. 0.01 min

Lab File: BM025149.D

Acq: 29 Feb 2020 00:45

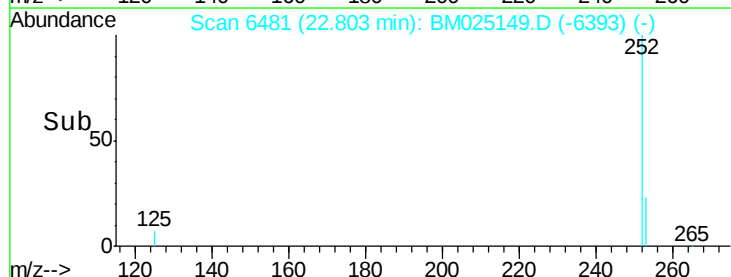
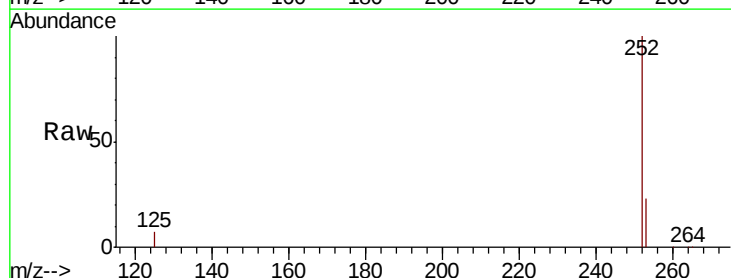
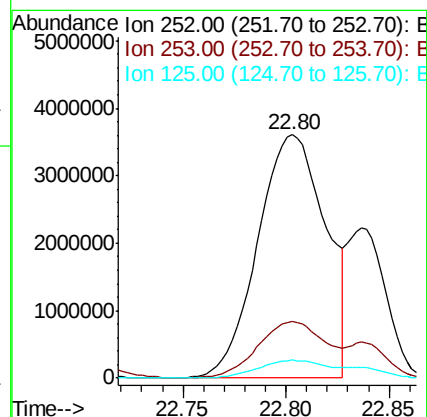
Tgt Ion:252 Resp: 8238057

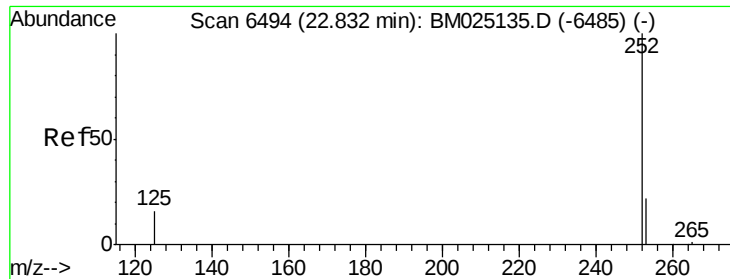
Ion Ratio Lower Upper

252 100

253 23.3 0.0 49.8

125 7.3 0.0 28.6





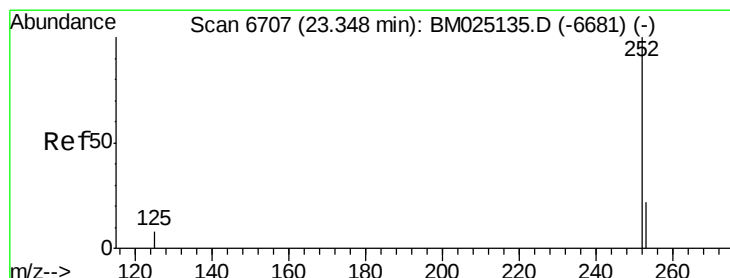
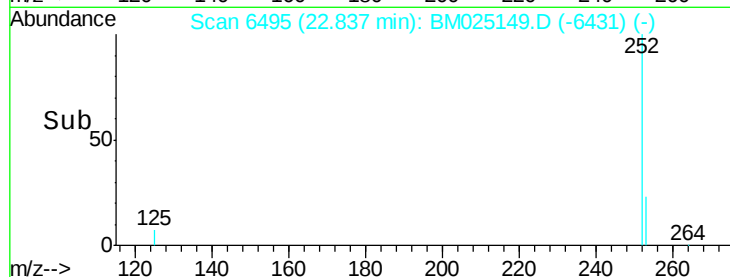
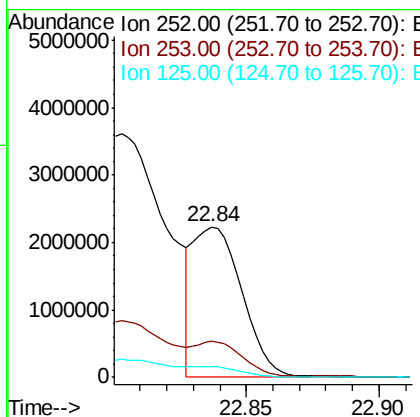
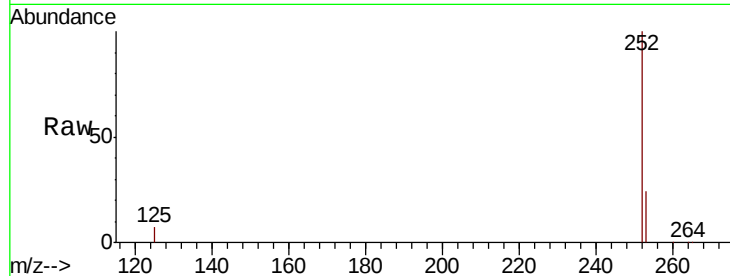
#22
Benzo(k)fluoranthene
Concen: 22.826 ng/ul m
RT: 22.84 min Scan# 6495
Delta R.T. 0.00 min
Lab File: BM025149.D
Acq: 29 Feb 2020 00:45

Instrument :
BNA_M
ClientSampleId :
DBD12

Tot Ion:252 Resp: 2845493
Ion Ratio Lower Upper
252 100
253 23.8 19.4 29.0
125 6.9 10.7 16.1#

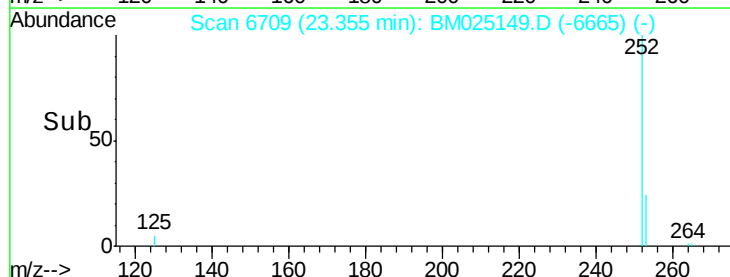
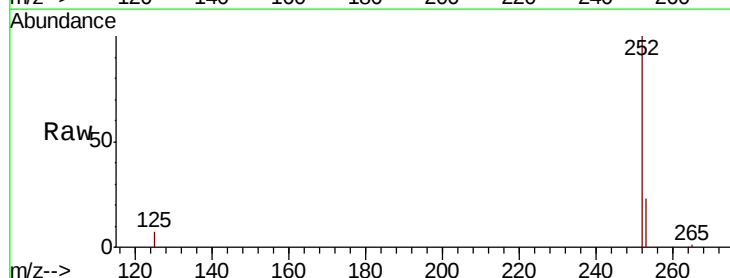
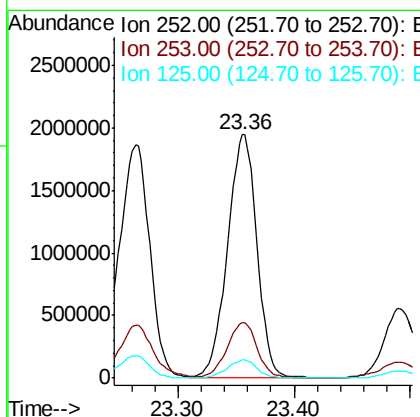
Manual Integrations
APPROVED

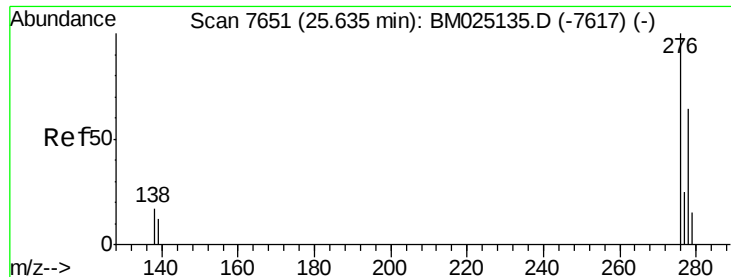
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#23
Benzo(a)pyrene
Concen: 29.510 ng/ul
RT: 23.36 min Scan# 6709
Delta R.T. 0.01 min
Lab File: BM025149.D
Acq: 29 Feb 2020 00:45

Tgt Ion:252 Resp: 3390341
Ion Ratio Lower Upper
252 100
253 22.9 20.3 30.5
125 7.5 13.0 19.4#





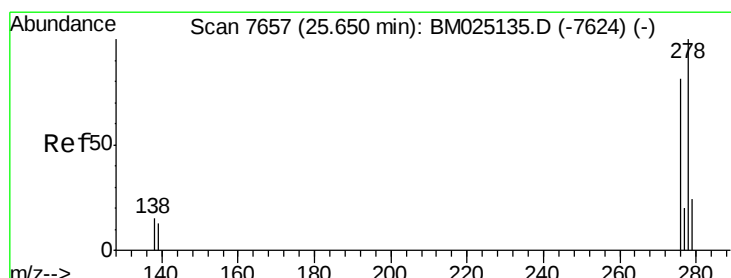
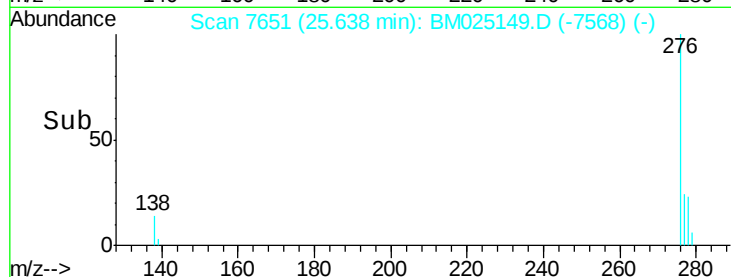
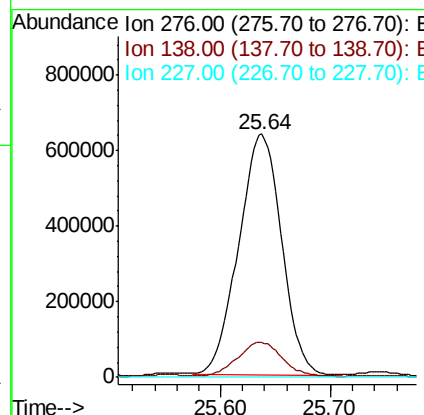
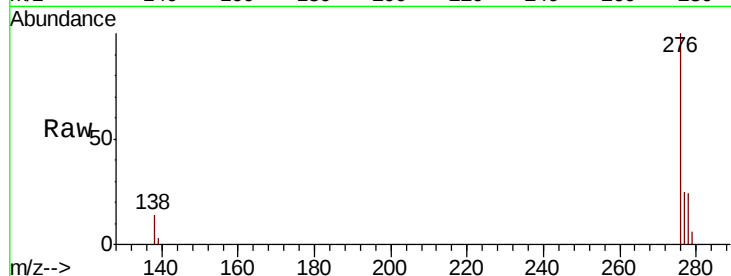
#24
Indeno(1,2,3-cd)pyrene
Concen: 12.000 ng/ul
RT: 25.64 min Scan# 7651
Delta R.T. 0.00 min
Lab File: BM025149.D
Acq: 29 Feb 2020 00:45

Instrument :
BNA_M
ClientSampleId :
DBD12

Tot Ion:276 Resp: 1727261
Ion Ratio Lower Upper
276 100
138 15.0 0.0 0.0#
227 0.0 0.0 0.0

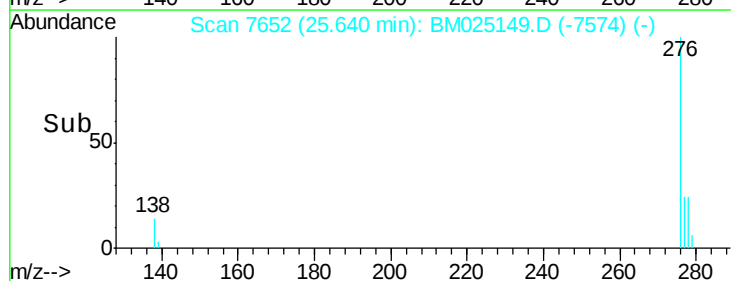
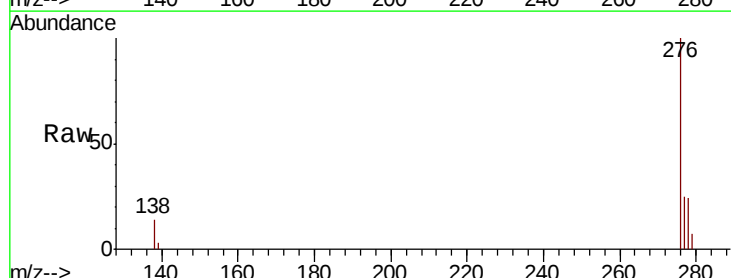
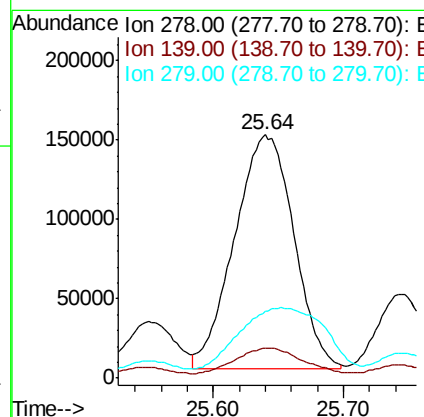
Manual Integrations
APPROVED

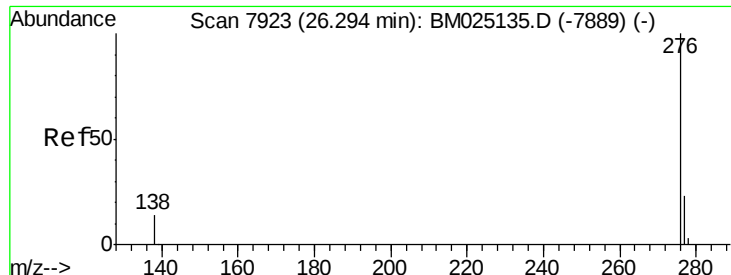
Sohil
3/3/2020 8:39:22 AM



#25
Dibenzo(a,h)anthracene
Concen: 3.872 ng/ul m
RT: 25.64 min Scan# 7652
Delta R.T. -0.01 min
Lab File: BM025149.D
Acq: 29 Feb 2020 00:45

Tgt Ion:278 Resp: 468372
Ion Ratio Lower Upper
278 100
139 12.3 13.2 19.8#
279 27.4 21.0 31.4





#26
 Benzo(a,h,i)perylene
 Concen: 9.089 ng/ul
 RT: 26.30 min Scan# 7925
 Delta R.T. 0.01 min
 Lab File: BM025149.D
 Acq: 29 Feb 2020 00:45

Instrument :
 BNA_M
 ClientSampleId :
 DBD12

Tot Ion	Ratio	Lower	Upper
276	100		
138	14.6	17.9	26.9#
277	23.8	20.5	30.7

Manual Integrations
 APPROVED

Sohil
 3/3/2020 8:39:22 AM

