

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022820\
 Data File : BM025151.D
 Acq On : 29 Feb 2020 02:33
 Operator : CG/JU
 Sample : L1507-18
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBD16

Manual Integrations
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Quant Time: Mar 02 00:47:18 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 00:36:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	3036	0.40	ng/ul	0.00
2) Naphthalene-d8	10.45	136	12040	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.31	164	8060	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	18194m	0.40	ng/ul	0.00
16) Chrysene-d12	21.24	240	17940	0.40	ng/ul	0.00
20) Perylene-d12	23.43	264	19656	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.05	152	7044	0.31	ng/ul	0.00
14) Fluoranthene-d10	19.08	212	18934	0.30	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.51	128	4414	0.120	ng/ul#	87
5) 2-Methylnaphthalene	12.12	142	1610	0.061	ng/ul	99
7) Acenaphthylene	14.03	152	2936	0.063	ng/ul	95
8) Acenaphthene	14.37	153	1722	0.055	ng/ul	99
9) Fluorene	15.36	166	1542	0.039	ng/ul	97
12) Phenanthrene	17.09	178	8604	0.134	ng/ul	98
13) Anthracene	17.19	178	10287	0.166	ng/ul	98
15) Fluoranthene	19.11	202	42191	0.454	ng/ul	95
17) Pyrene	19.48	202	68049	0.842	ng/ul	97
18) Benzo(a)anthracene	21.22	228	15336	0.198	ng/ul	97
19) Chrysene	21.27	228	11044	0.143	ng/ul	98
21) Benzo(b)fluoranthene	22.78	252	33597m	0.436	ng/ul	
22) Benzo(k)fluoranthene	22.82	252	10097m	0.132	ng/ul	
23) Benzo(a)pyrene	23.34	252	12048	0.171	ng/ul	95
24) Indeno(1,2,3-cd)pyrene	25.62	276	14409	0.163	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.63	278	3725	0.050	ng/ul#	64
26) Benzo(a,h,i)perylene	26.28	276	11946	0.161	ng/ul	96

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

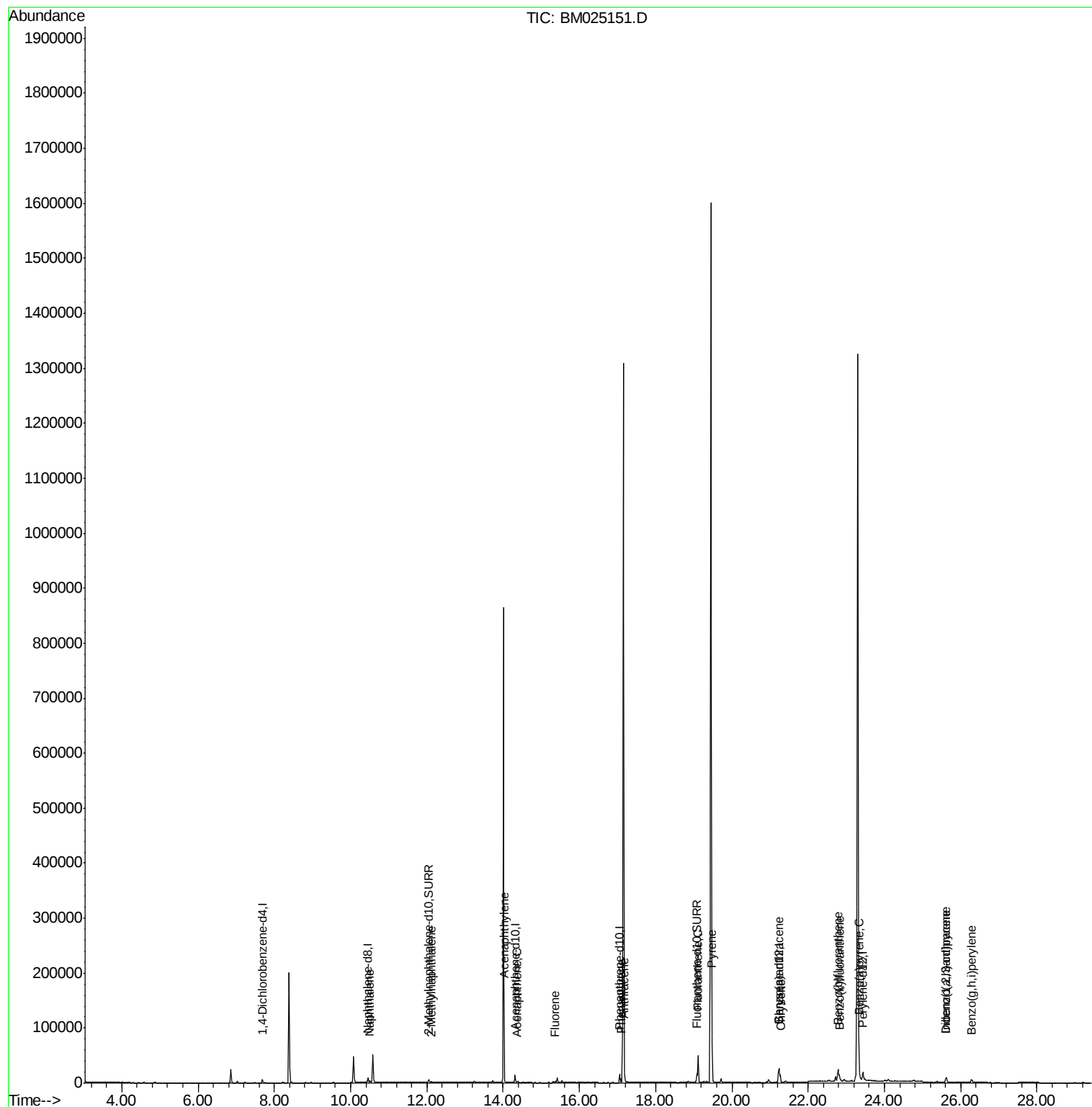
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022820\
Data File : BM025151.D
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ALS Vial : 24 Sample Multiplier: 1

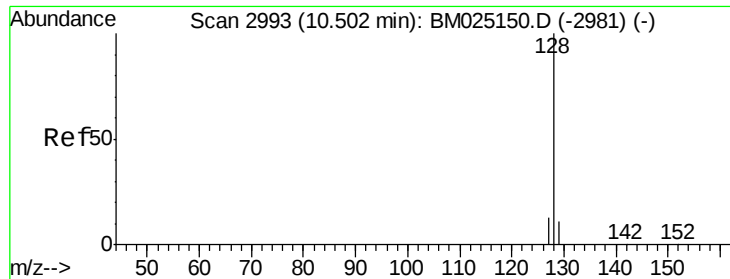
Instrument :
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Quant Time: Mar 02 00:47:18 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM022420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 02 00:36:45 2020
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.120 ng/ul

RT: 10.51 min Scan# 2994

Delta R.T. 0.00 min

Lab File: BM025151.D

Acq: 29 Feb 2020 02:33

Instrument :

BNA_M

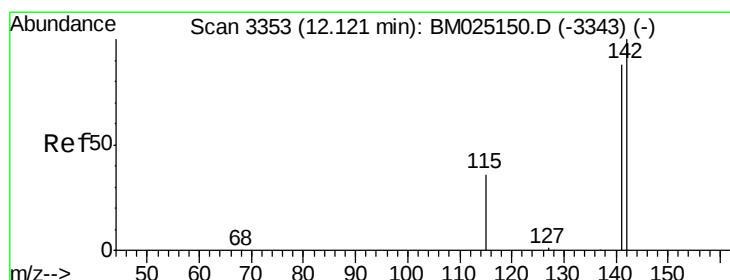
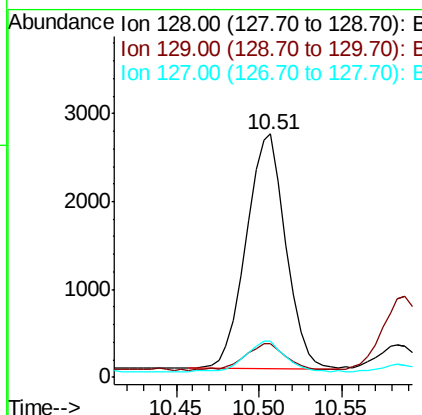
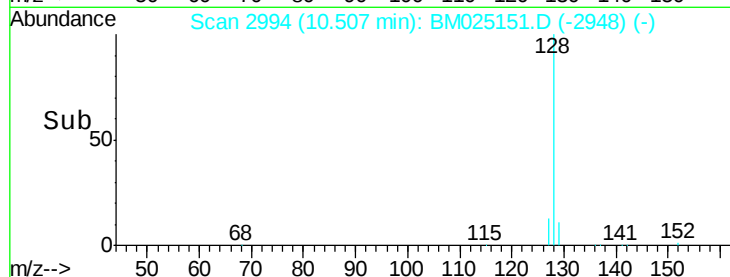
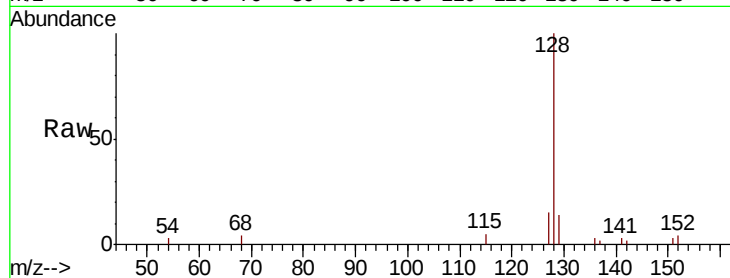
ClientSampleId :

DBD16

Tot Ion:	128	Resp:	4414
Ion Ratio	Lower	Upper	
128	100		
129	13.9	17.0	25.6#
127	15.1	15.7	23.5#

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#5

2-Methylnaphthalene

Concen: 0.061 ng/ul

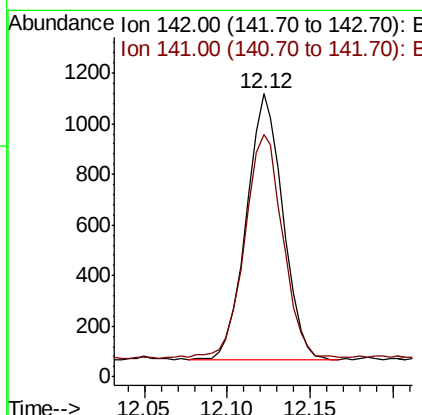
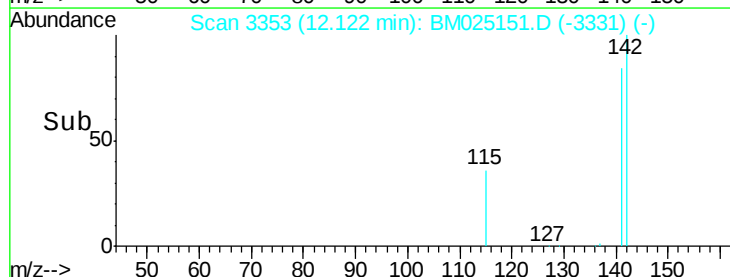
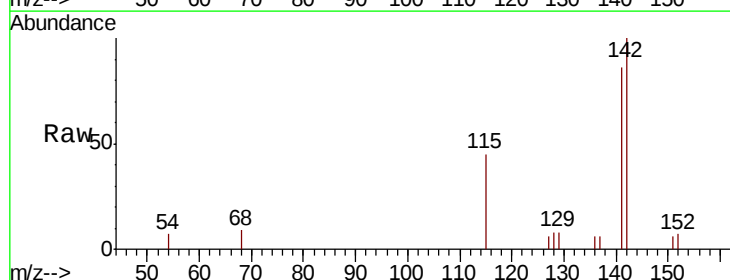
RT: 12.12 min Scan# 3353

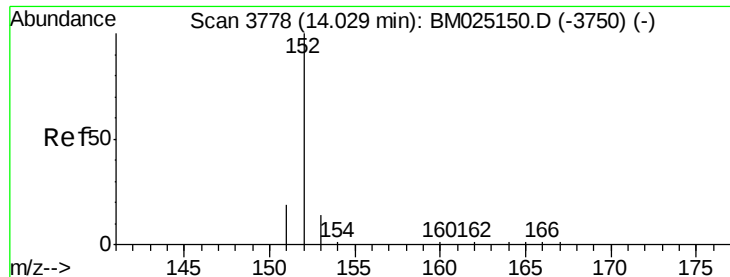
Delta R.T. 0.00 min

Lab File: BM025151.D

Acq: 29 Feb 2020 02:33

Tgt Ion:	142	Resp:	1610
Ion Ratio	Lower	Upper	
142	100		
141	88.5	69.8	104.8





#7

Acenaphthylene

Concen: 0.063 ng/ul

RT: 14.03 min Scan# 3778

Delta R.T. 0.00 min

Lab File: BM025151.D

Acq: 29 Feb 2020 02:33

Instrument :

BNA_M

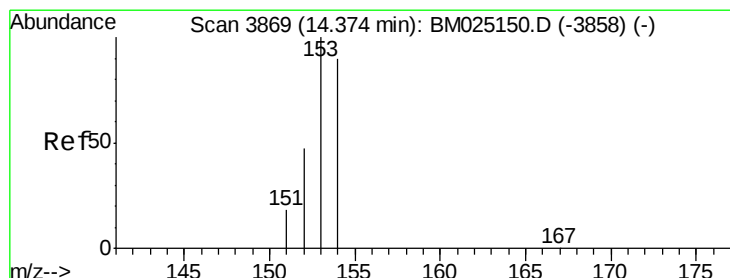
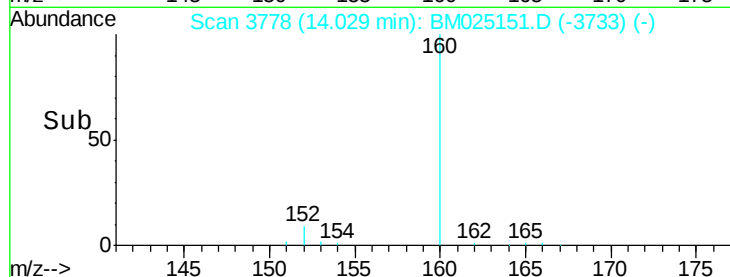
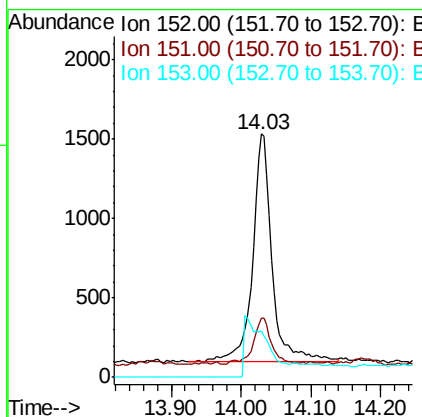
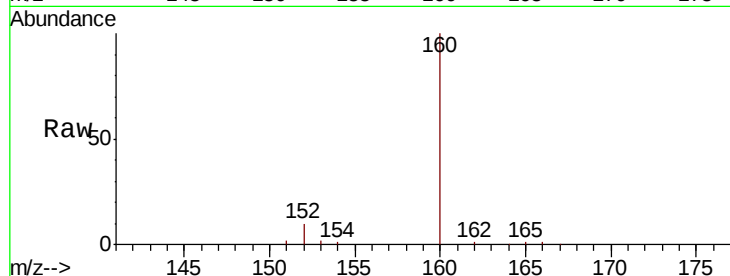
ClientSampleId :

DBD16

Tot Ion:	152	Resp:	2936
Ion Ratio	Lower	Upper	
152	100		
151	24.4	17.8	26.8
153	18.9	13.3	19.9

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#8

Acenaphthene

Concen: 0.055 ng/ul

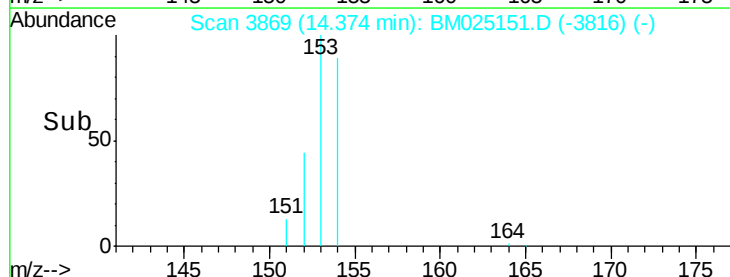
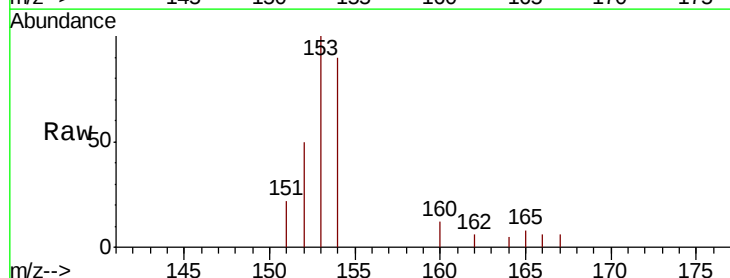
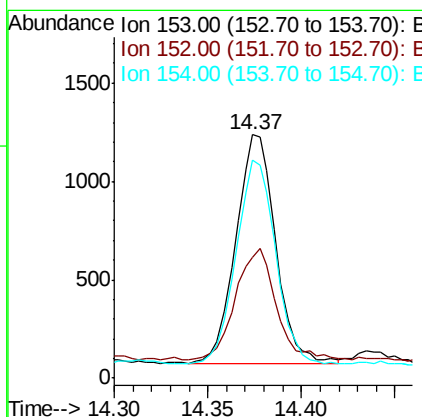
RT: 14.37 min Scan# 3869

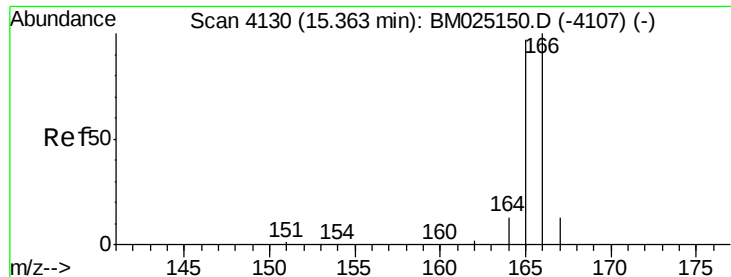
Delta R.T. 0.00 min

Lab File: BM025151.D

Acq: 29 Feb 2020 02:33

Tgt Ion:	153	Resp:	1722
Ion Ratio	Lower	Upper	
153	100		
152	49.8	40.0	60.0
154	89.6	71.0	106.6





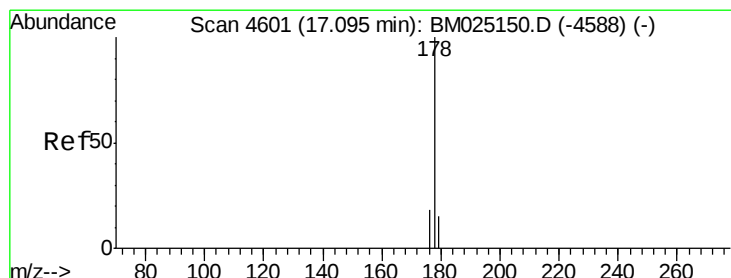
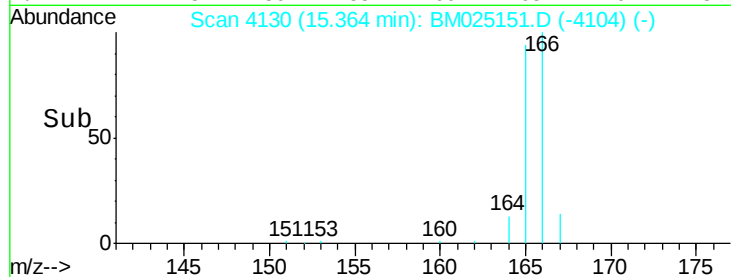
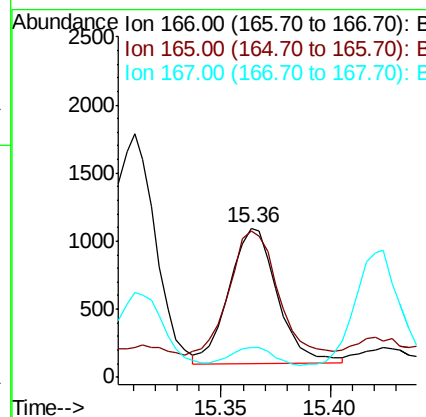
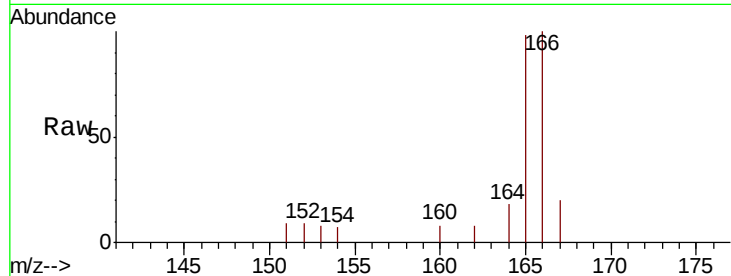
#9
Fluorene
 Concen: 0.039 ng/ul
 RT: 15.36 min Scan# 4130
 Delta R.T. 0.00 min
 Lab File: BM025151.D
 Acq: 29 Feb 2020 02:33

Instrument :
 BNA_M
 ClientSampled :
 DBD16

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.0	80.0	120.0
167	20.3	13.7	20.5

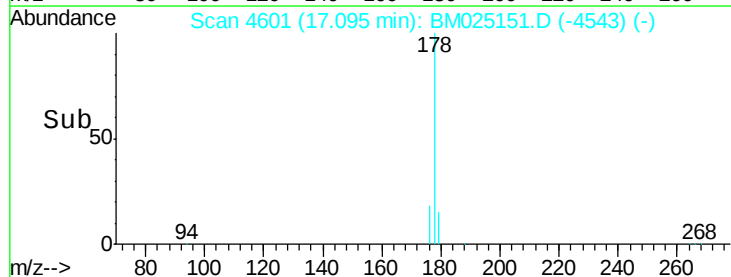
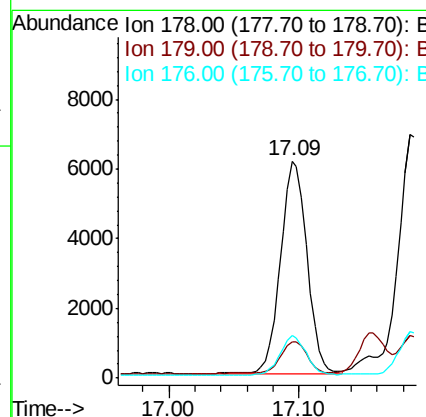
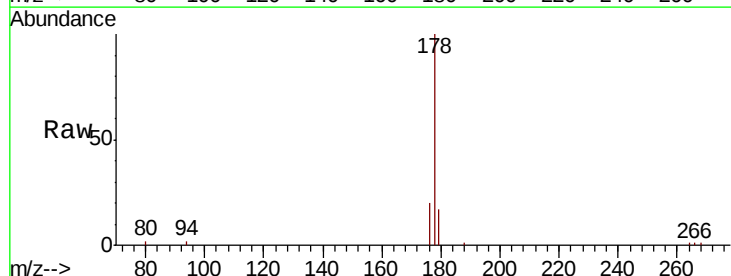
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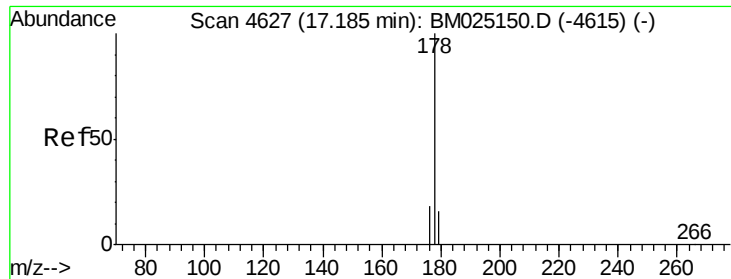
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#12
Phenanthrene
 Concen: 0.134 ng/ul
 RT: 17.09 min Scan# 4601
 Delta R.T. 0.00 min
 Lab File: BM025151.D
 Acq: 29 Feb 2020 02:33

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.7	14.0	21.0
176	19.6	16.6	24.8





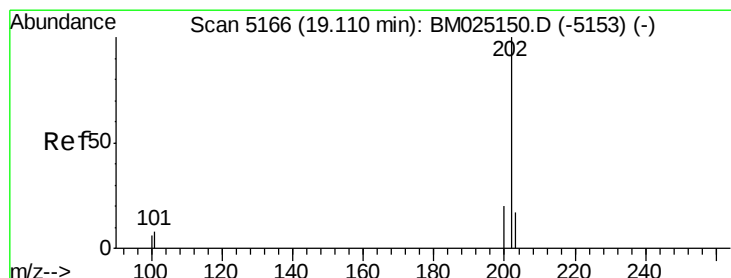
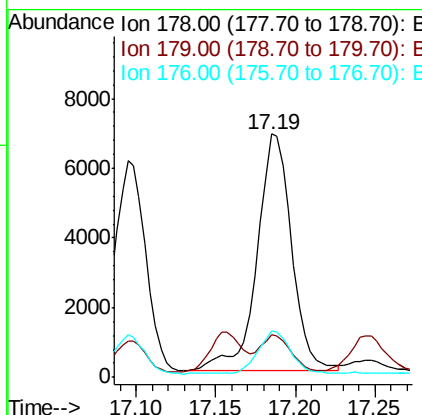
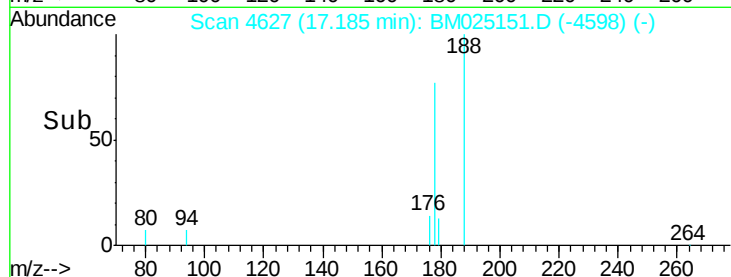
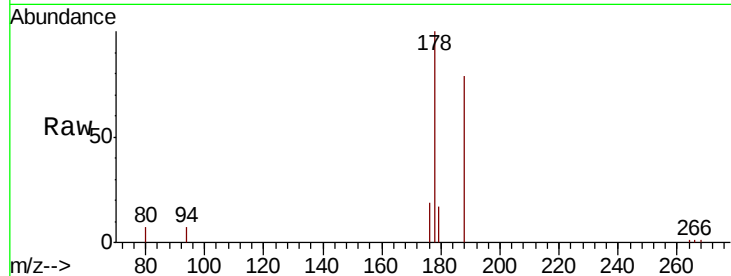
#13
 Anthracene
 Concen: 0.166 ng/ul
 RT: 17.19 min Scan# 4627
 Delta R.T. 0.00 min
 Lab File: BM025151.D
 Acq: 29 Feb 2020 02:33

Instrument :
 BNA_M
 ClientSampleId :
 DBD16

Tot Ion:	178	Resp:	10287
Ion Ratio	Lower	Upper	
178	100		
179	17.4	14.1	21.1
176	19.1	16.2	24.4

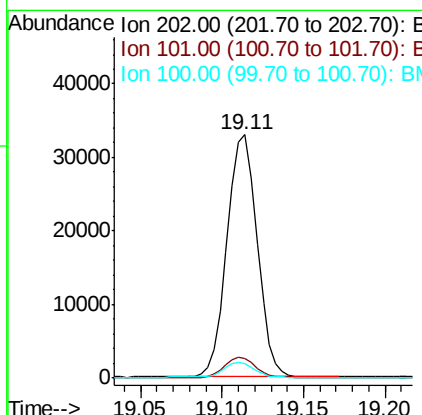
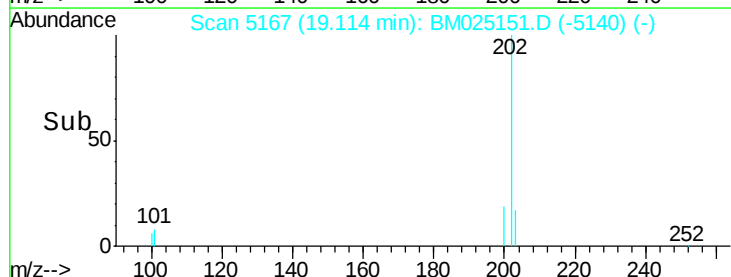
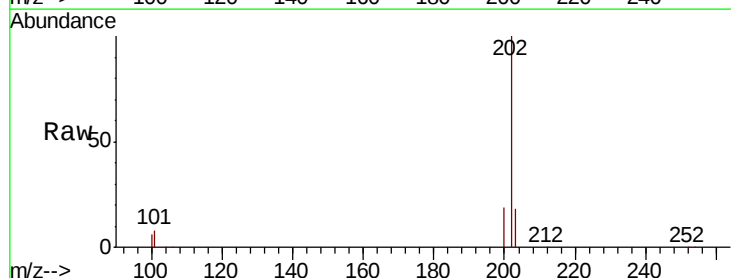
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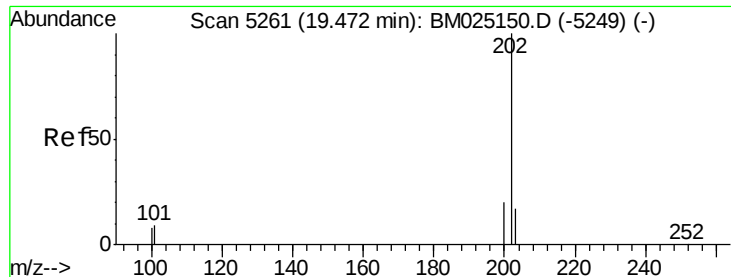
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#15
 Fluoranthene
 Concen: 0.454 ng/ul
 RT: 19.11 min Scan# 5167
 Delta R.T. 0.00 min
 Lab File: BM025151.D
 Acq: 29 Feb 2020 02:33

Tgt Ion:	202	Resp:	42191
Ion Ratio	Lower	Upper	
202	100		
101	8.0	0.0	29.4
100	5.9	0.0	28.0





#17

Pvrene

Concen: 0.842 ng/ul

RT: 19.48 min Scan# 5262

Delta R.T. 0.00 min

Lab File: BM025151.D

Acq: 29 Feb 2020 02:33

Instrument :

BNA_M

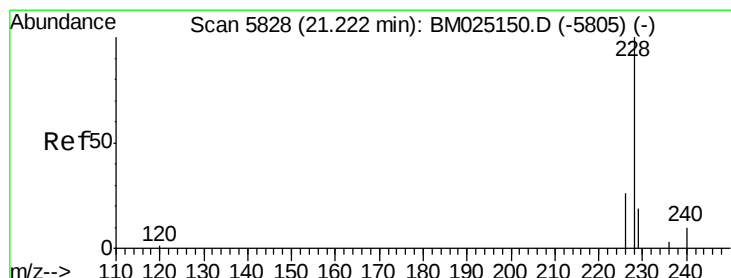
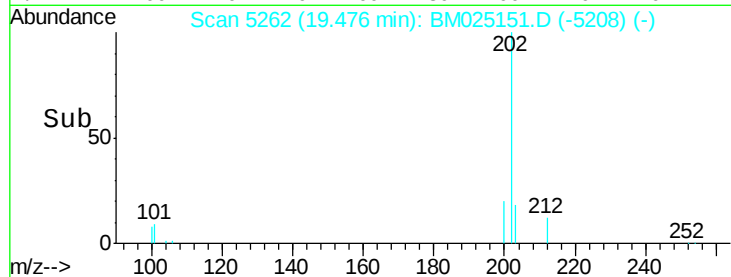
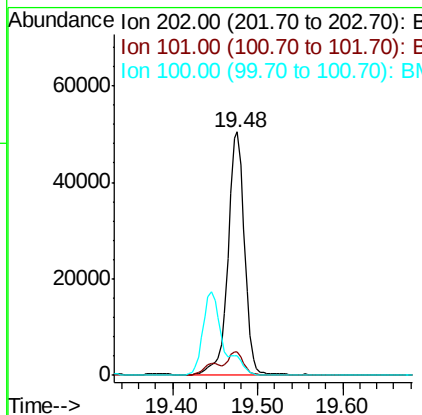
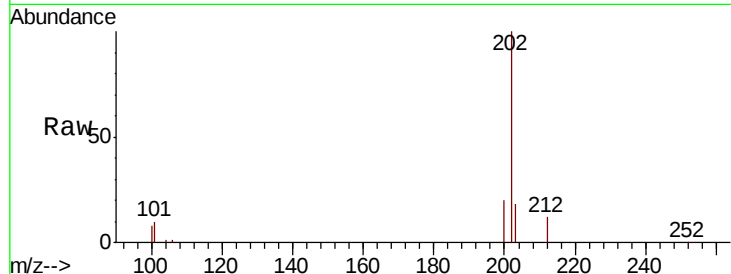
ClientSampleId :

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Tot Ion:	202	Resp:	68049
Ion Ratio	Lower	Upper	
202	100		
101	9.6	8.7	13.1
100	7.9	7.3	10.9

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#18

Benzo(a)anthracene

Concen: 0.198 ng/ul

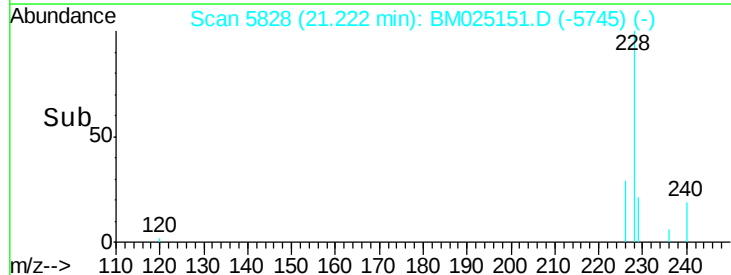
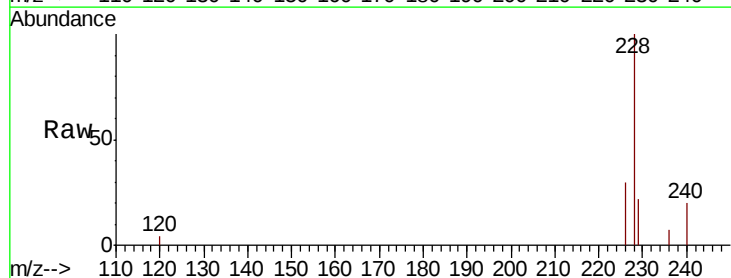
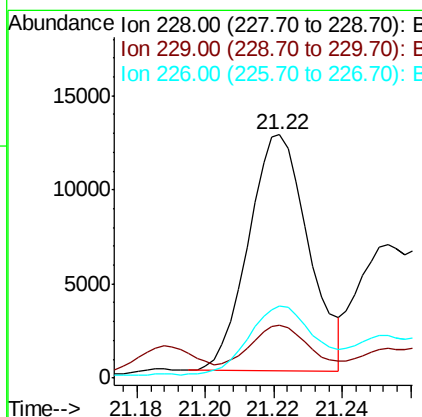
RT: 21.22 min Scan# 5828

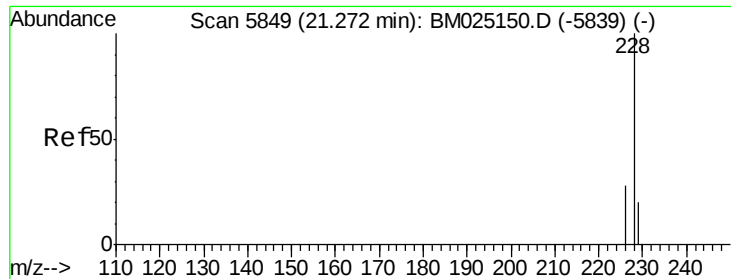
Delta R.T. 0.00 min

Lab File: BM025151.D

Acq: 29 Feb 2020 02:33

Tgt Ion:	228	Resp:	15336
Ion Ratio	Lower	Upper	
228	100		
229	21.8	16.6	25.0
226	29.8	21.9	32.9





#19

Chrysene

Concen: 0.143 ng/ul

RT: 21.27 min Scan# 5849

Delta R.T. 0.00 min

Lab File: BM025151.D

Acq: 29 Feb 2020 02:33

Instrument :

BNA_M

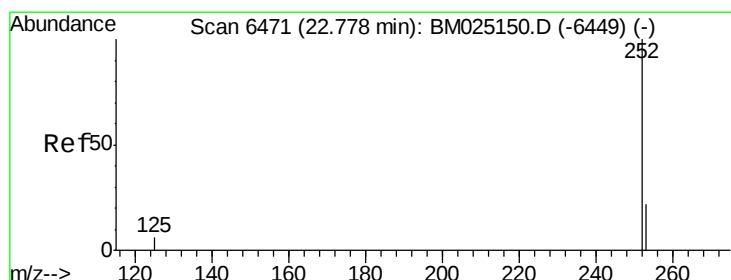
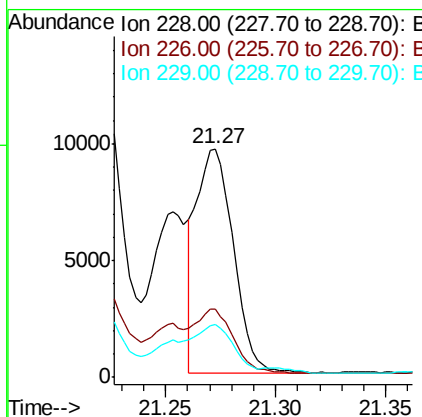
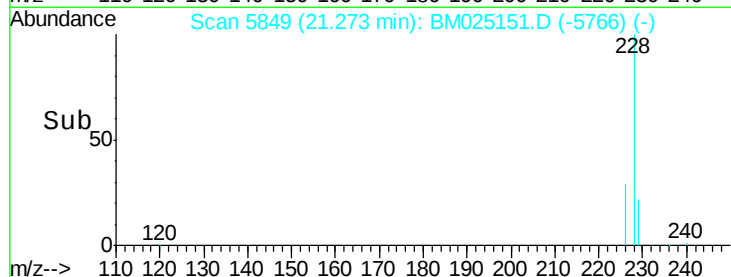
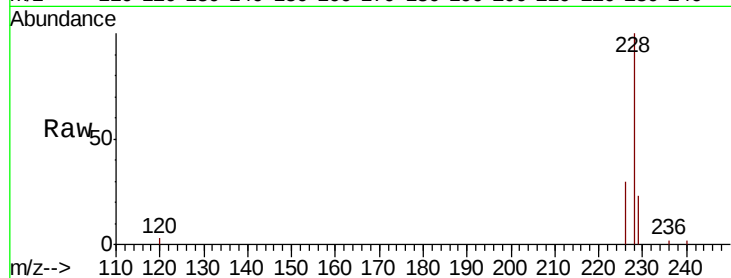
ClientSampleId :

DBD16

Tot Ion:228	Resp:	11044
Ion Ratio	Lower	Upper
228	100	
226	29.6	23.8 35.8
229	23.1	16.9 25.3

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#21

Benzo(b)fluoranthene

Concen: 0.436 ng/ul m

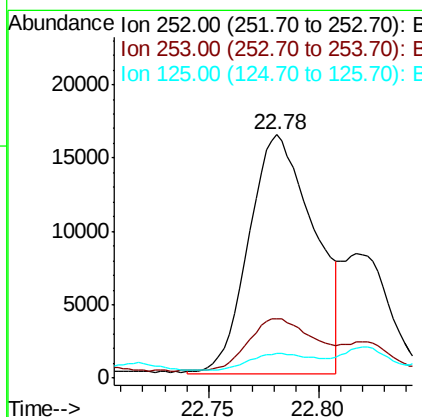
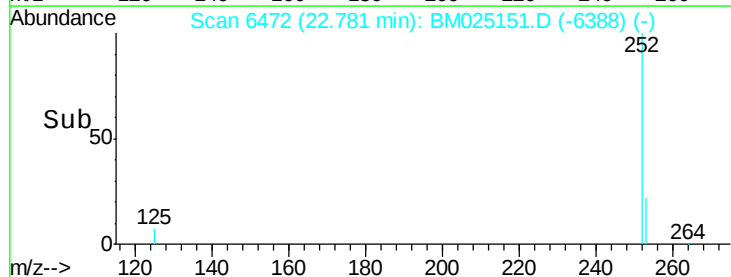
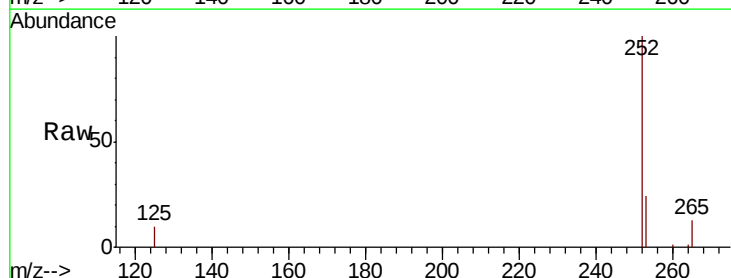
RT: 22.78 min Scan# 6472

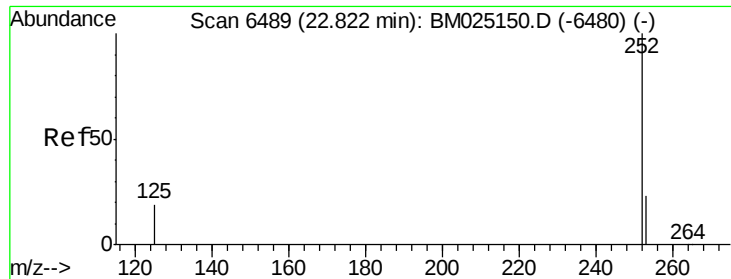
Delta R.T. 0.00 min

Lab File: BM025151.D

Acq: 29 Feb 2020 02:33

Tgt Ion:252	Resp:	33597
Ion Ratio	Lower	Upper
252	100	
253	24.4	0.0 49.8
125	10.0	0.0 28.6





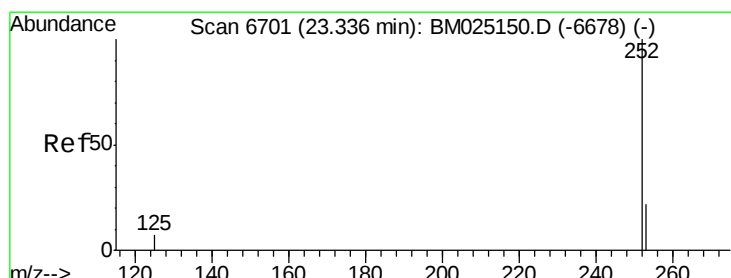
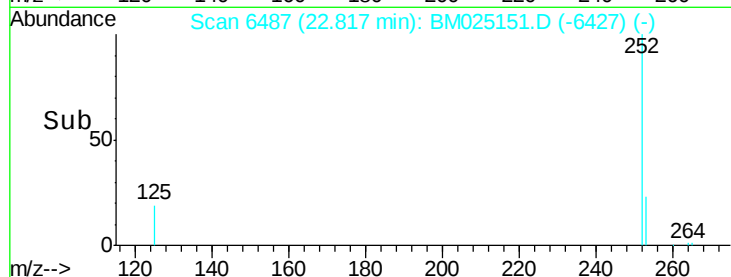
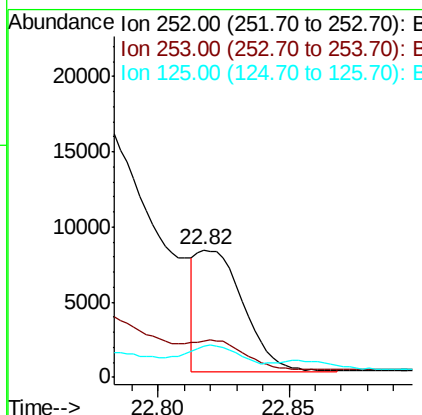
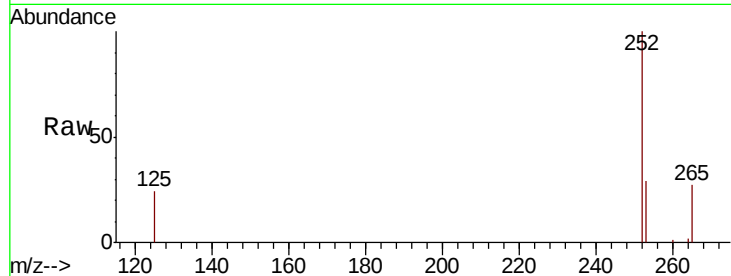
#22
Benzo(k)fluoranthene
Concen: 0.132 ng/ul m
RT: 22.82 min Scan# 6487
Delta R.T. -0.00 min
Lab File: BM025151.D
Acq: 29 Feb 2020 02:33

Instrument :
BNA_M
ClientSampled :
DBD16

Tot Ion	Ratio	Lower	Upper
252	100		
253	28.6	19.4	29.0
125	24.2	10.7	16.1

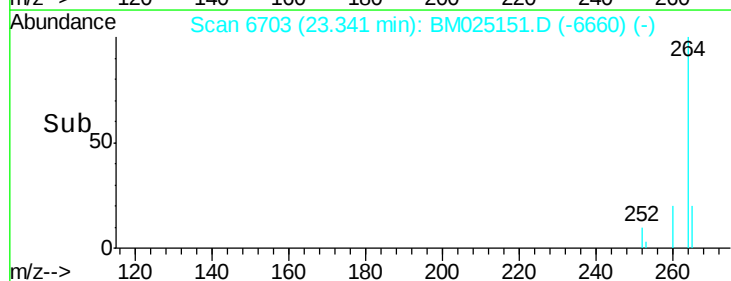
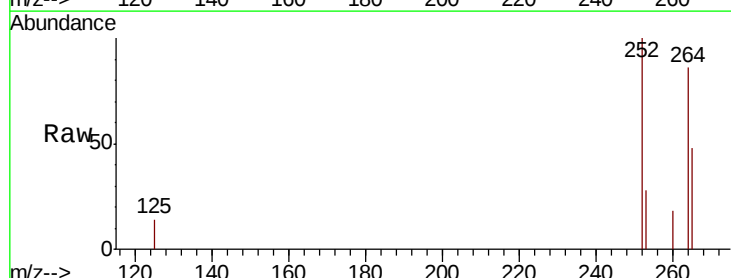
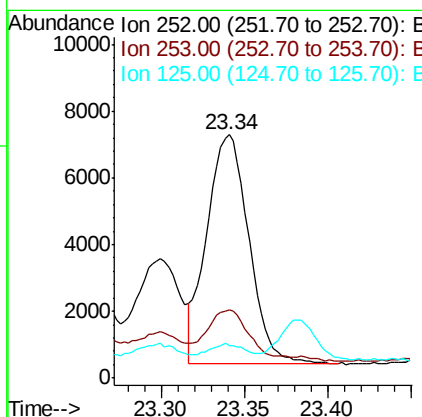
Manual Integrations
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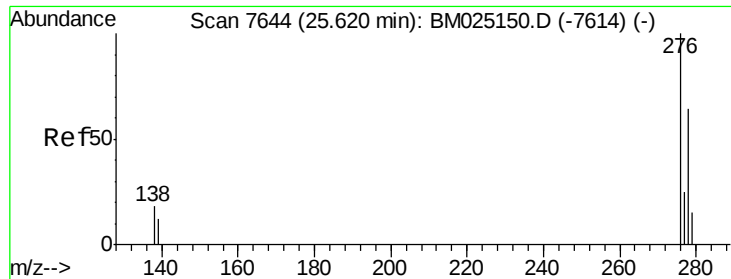
Sohil
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#23
Benzo(a)pyrene
Concen: 0.171 ng/ul
RT: 23.34 min Scan# 6703
Delta R.T. 0.01 min
Lab File: BM025151.D
Acq: 29 Feb 2020 02:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.9	20.3	30.5
125	13.6	13.0	19.4





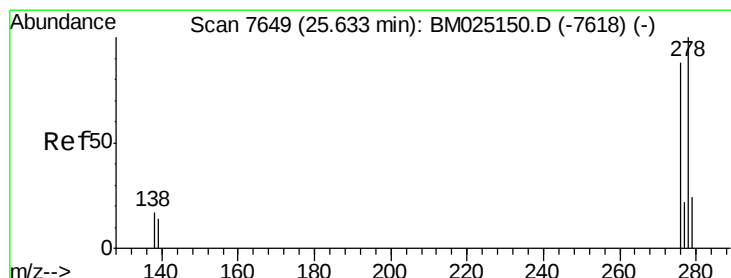
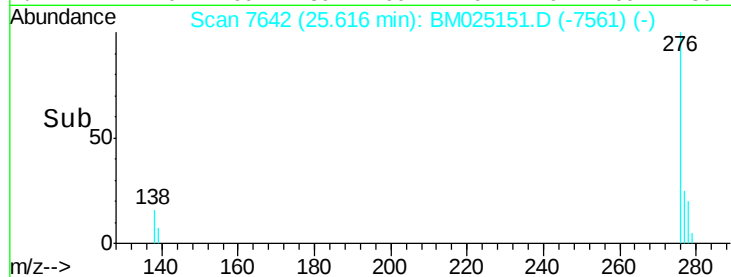
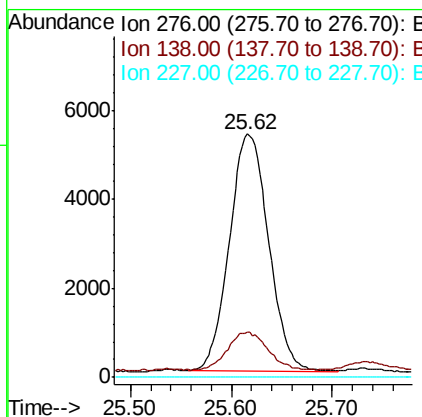
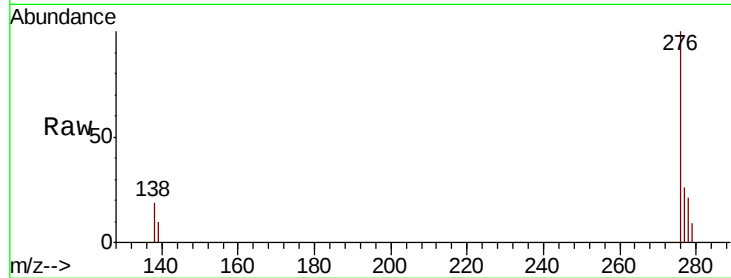
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.163 ng/u1
 RT: 25.62 min Scan# 7642
 Delta R.T. -0.00 min
 Lab File: BM025151.D
 Acq: 29 Feb 2020 02:33

Instrument :
 BNA_M
 ClientSampleId :
 DBD16

Tot Ion	Ratio	Resp	Lower	Upper
276	100	14409		
138	16.5	0.0	0.0	0.0#
227	0.0	0.0	0.0	0.0

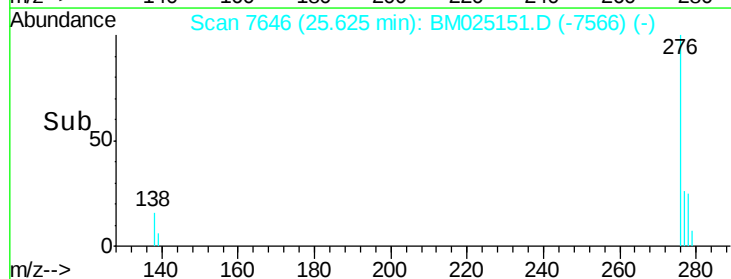
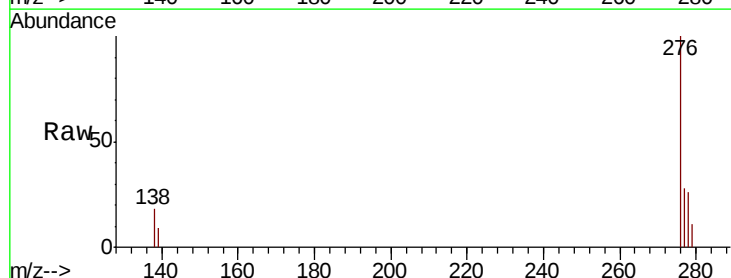
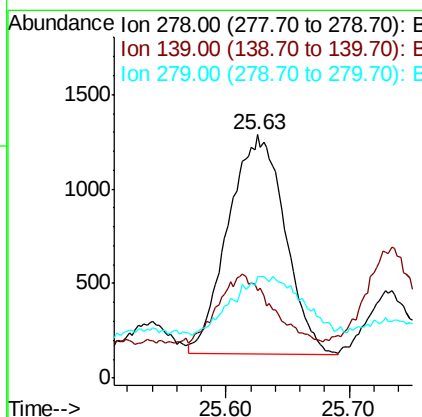
Manual Integrations
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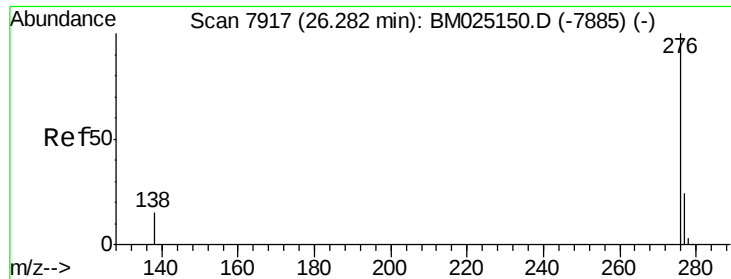
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#25
 Dibenzo(a,h)anthracene
 Concen: 0.050 ng/u1
 RT: 25.63 min Scan# 7646
 Delta R.T. -0.01 min
 Lab File: BM025151.D
 Acq: 29 Feb 2020 02:33

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	3725		
139	35.7	13.2	19.8#	
279	41.6	21.0	31.4#	





#26
 Benzo(a,h,i)perylene
 Concen: 0.161 ng/ul
 RT: 26.28 min Scan# 7916
 Delta R.T. -0.00 min
 Lab File: BM025151.D
 Acq: 29 Feb 2020 02:33

Instrument :
 BNA_M
 ClientSampleId :
 DBD16

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.8	17.9	26.9
277	26.1	20.5	30.7

Manual Integrations
 APPROVED

Sohil
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