

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031820\
 Data File : BM025626.D
 Acq On : 18 Mar 2020 13:21
 Operator : CG/JU
 Sample : L1786-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AA4

Manual Integrations
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mohammad
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Quant Time: Mar 18 14:10:51 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 : Wed Mar 18 05:07:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	2133	0.40	ng/ul	0.00
2) Naphthalene-d8	10.35	136	8487	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.22	164	5638	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.96	188	13324	0.40	ng/ul	0.00
16) Chrysene-d12	21.16	240	14450	0.40	ng/ul	0.00
20) Perylene-d12	23.31	264	15668	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.95	152	2003	0.13	ng/ul	0.00
14) Fluoranthene-d10	19.00	212	5513	0.15	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.40	128	5279	0.210	ng/ul	97
5) 2-Methylnaphthalene	12.03	142	1093	0.061	ng/ul	100
7) Acenaphthylene	13.94	152	6903	0.300	ng/ul#	86
8) Acenaphthene	14.28	153	4648	0.230	ng/ul	99
9) Fluorene	15.27	166	13729	0.558	ng/ul	99
12) Phenanthrene	17.01	178	130003	3.079	ng/ul	99
13) Anthracene	17.10	178	31260	0.851	ng/ul	99
15) Fluoranthene	19.03	202	163244	3.566	ng/ul	99
17) Pyrene	19.39	202	117401	1.810	ng/ul	99
18) Benzo(a)anthracene	21.14	228	66642	1.290	ng/ul	99
19) Chrysene	21.20	228	42861	0.739	ng/ul	99
21) Benzo(b)fluoranthene	22.67	252	56779m	0.915	ng/ul	
22) Benzo(k)fluoranthene	22.72	252	29323m	0.451	ng/ul	
23) Benzo(a)pyrene	23.22	252	41484	0.805	ng/ul	95
24) Indeno(1,2,3-cd)pyrene	25.43	276	21527	0.308	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.45	278	6998	0.119	ng/ul#	86
26) Benzo(a,h,i)perylene	26.08	276	12455	0.205	ng/ul	97

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

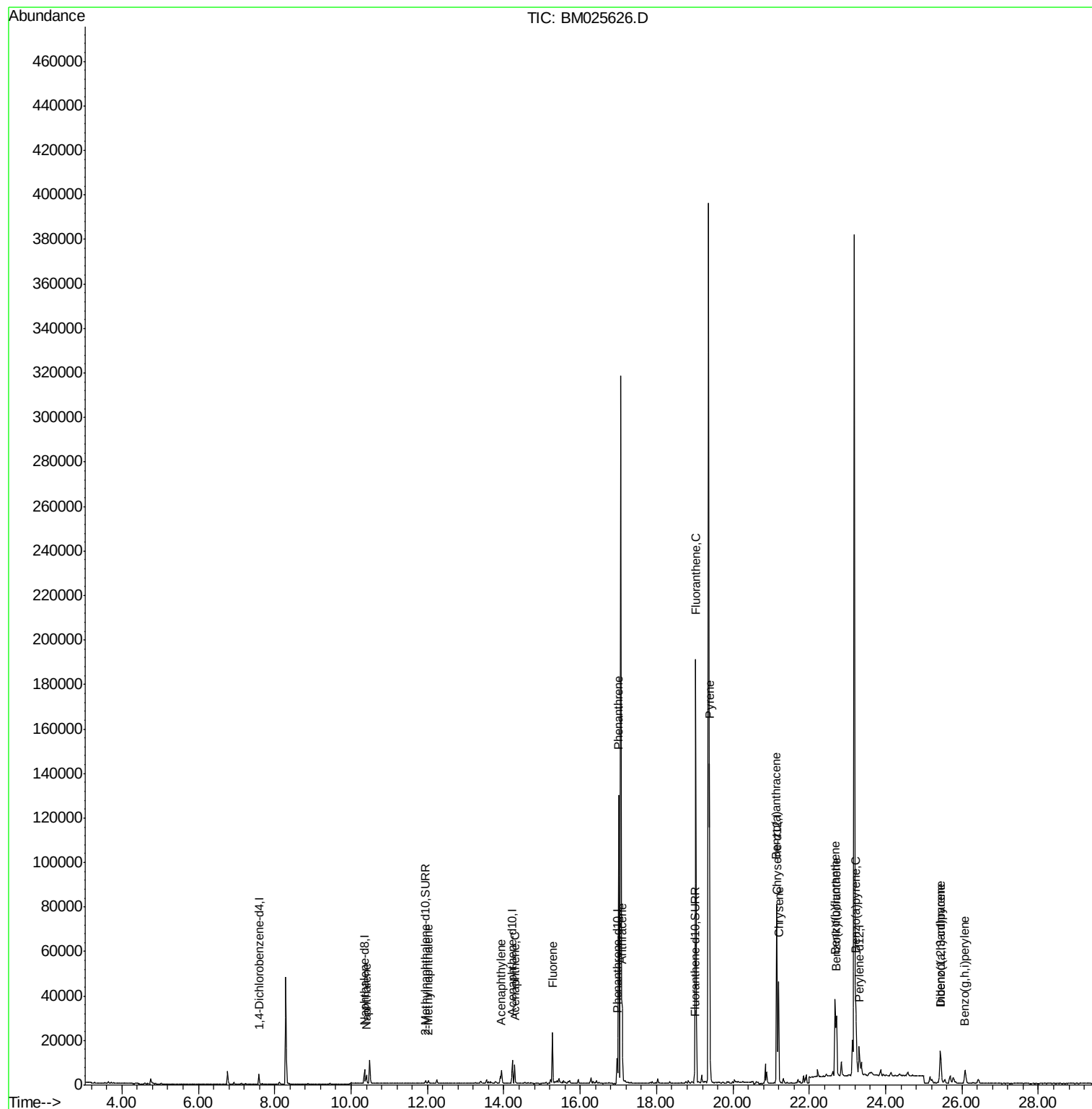
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031820\
Data File : BM025626.D
Acq On : 18 Mar 2020 13:21
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Sample : L1786-01
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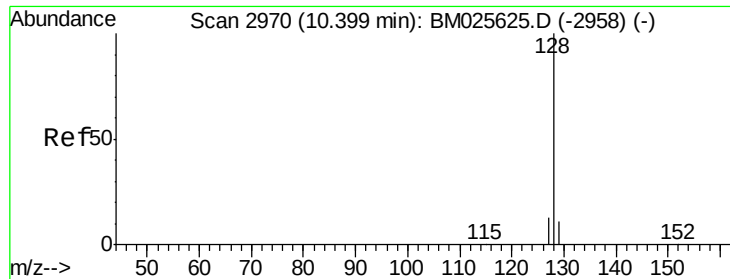
Instrument :
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Quant Time: Mar 18 14:10:51 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030920.M
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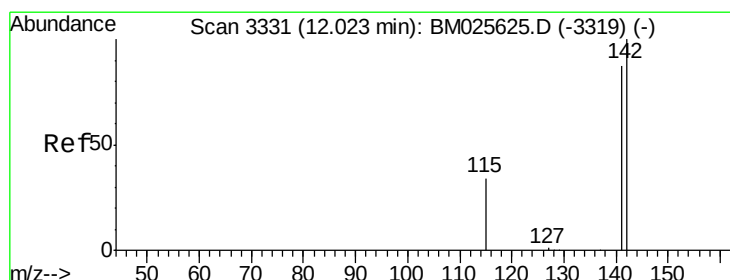
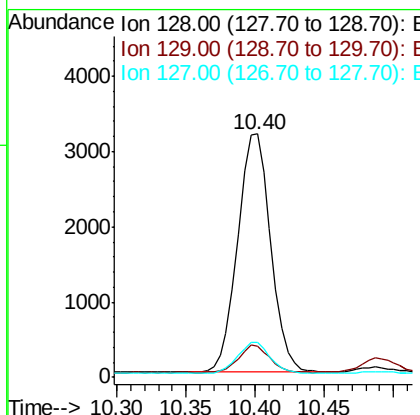
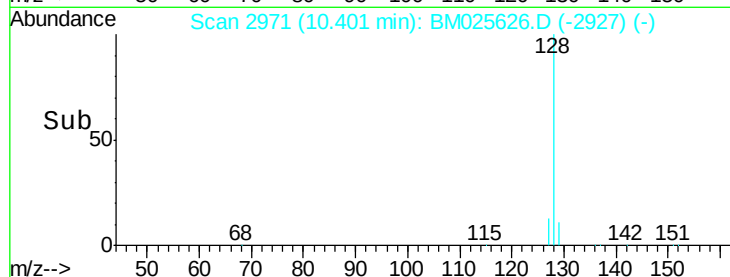
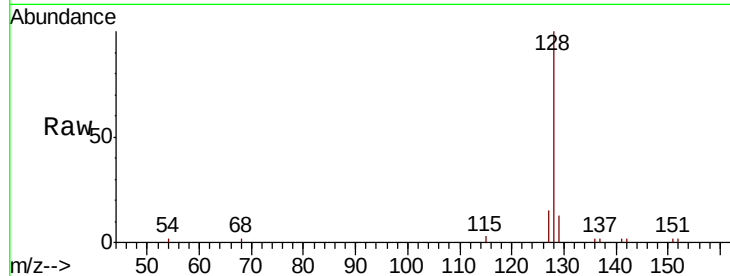
#3
Naphthalene
Concen: 0.210 ng/ul
RT: 10.40 min Scan# 2971
Delta R.T. -0.00 min
Lab File: BM025626.D
Acq: 18 Mar 2020 13:21

Instrument :
BNA_M
ClientSampleId :
C0AA4

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.8	9.4	14.0
127	14.6	10.9	16.3

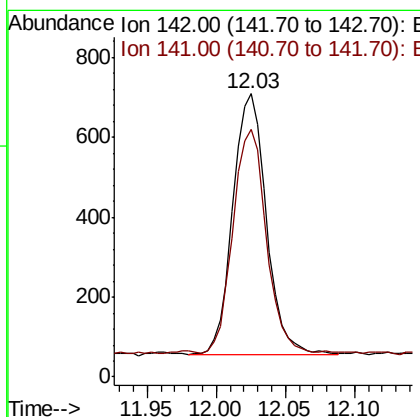
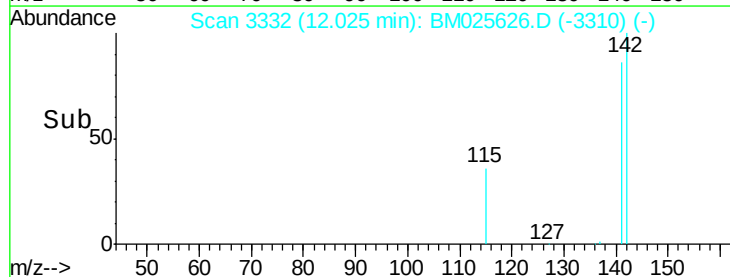
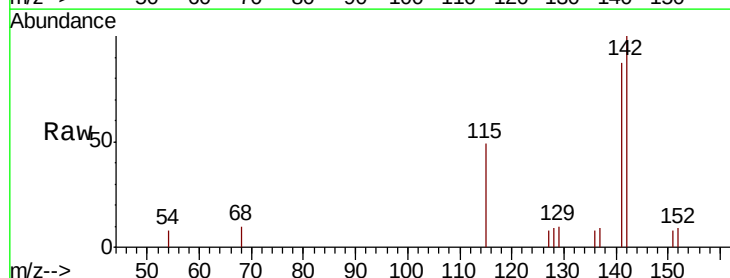
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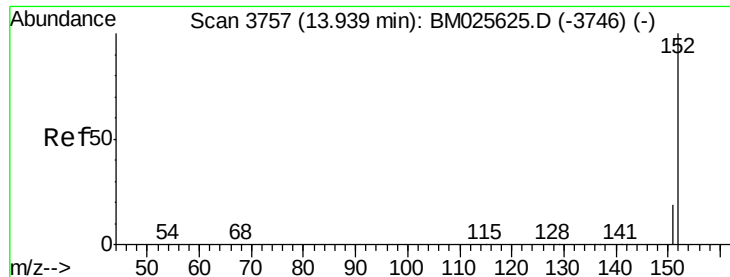
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#5
2-Methylnaphthalene
Concen: 0.061 ng/ul
RT: 12.03 min Scan# 3332
Delta R.T. -0.00 min
Lab File: BM025626.D
Acq: 18 Mar 2020 13:21

Tgt Ion	Ratio	Lower	Upper
142	100		
141	86.9	69.8	104.6





#7

Acenaphthylene

Concen: 0.300 ng/ul

RT: 13.94 min Scan# 3758

Delta R.T. -0.00 min

Lab File: BM025626.D

Acq: 18 Mar 2020 13:21

Instrument :

BNA_M

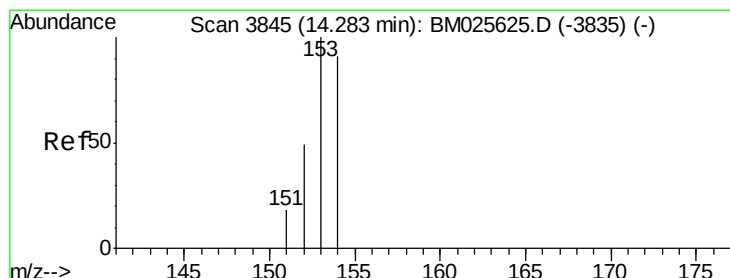
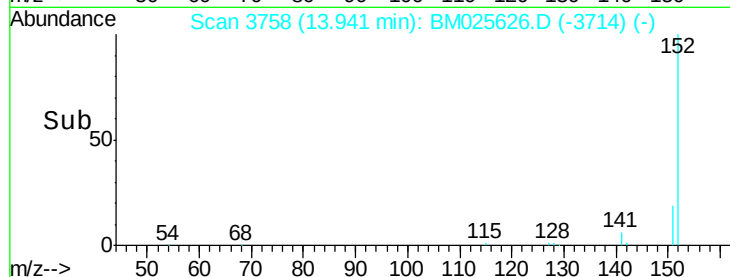
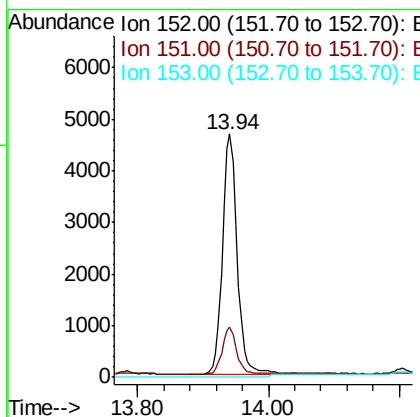
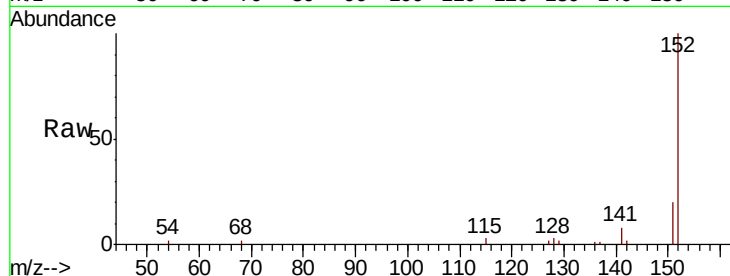
ClientSampleId :

C0AA4

Tot Ion:	152	Resp:	6903
Ion Ratio	Lower	Upper	
152	100		
151	20.4	16.2	24.2
153	0.0	10.6	16.0

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#8

Acenaphthene

Concen: 0.230 ng/ul

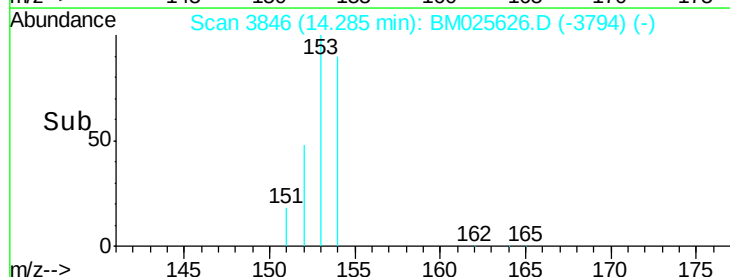
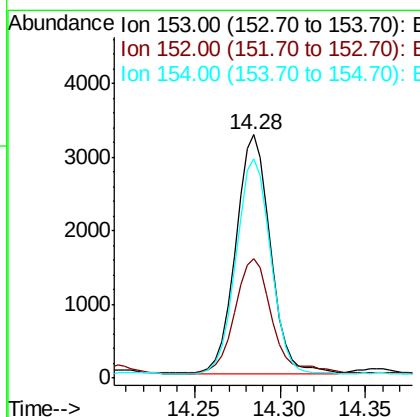
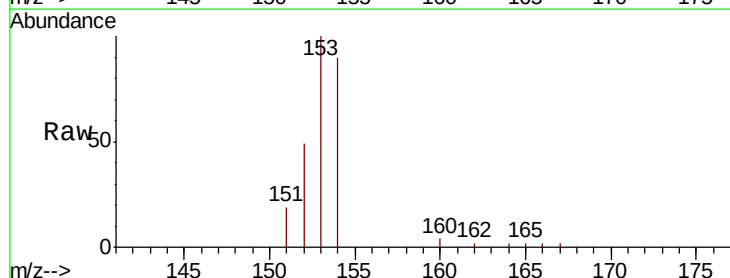
RT: 14.28 min Scan# 3846

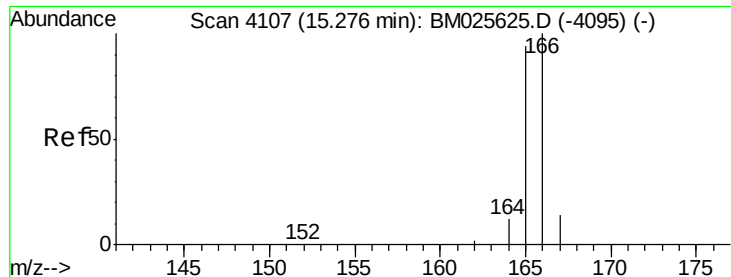
Delta R.T. -0.00 min

Lab File: BM025626.D

Acq: 18 Mar 2020 13:21

Tgt Ion:	153	Resp:	4648
Ion Ratio	Lower	Upper	
153	100		
152	49.0	39.5	59.3
154	90.2	71.7	107.5





#9

Fluorene

Concen: 0.558 ng/ul

RT: 15.27 min Scan# 4107

Delta R.T. -0.00 min

Lab File: BM025626.D

Acq: 18 Mar 2020 13:21

Instrument :

BNA_M

ClientSampleId :

C0AA4

Tot Ion:166 Resp: 13729

Ion Ratio Lower Upper

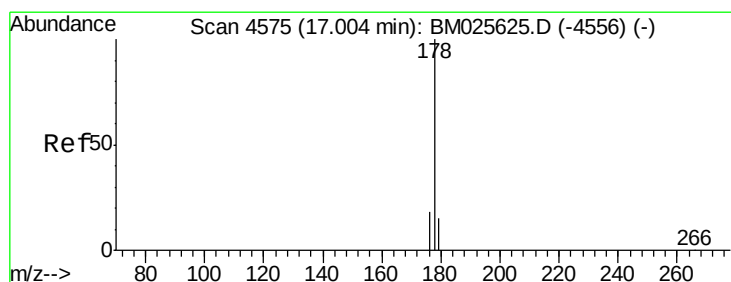
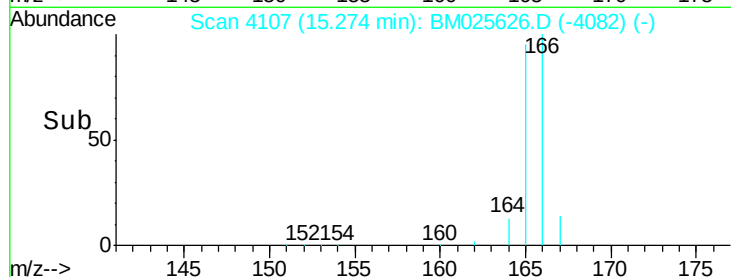
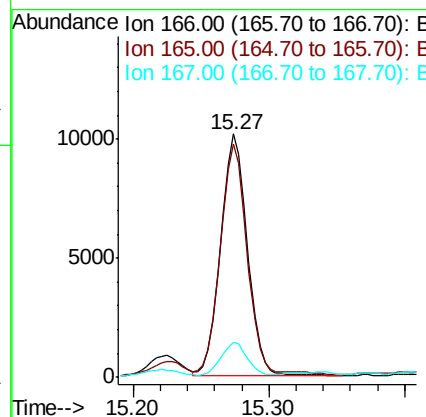
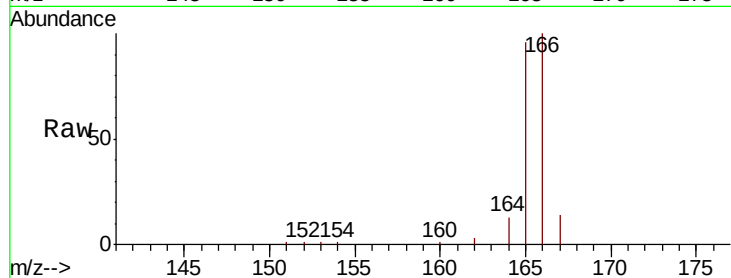
166 100

165 95.6 76.8 115.2

167 14.5 11.2 16.8

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#12

Phenanthrene

Concen: 3.079 ng/ul

RT: 17.01 min Scan# 4576

Delta R.T. -0.00 min

Lab File: BM025626.D

Acq: 18 Mar 2020 13:21

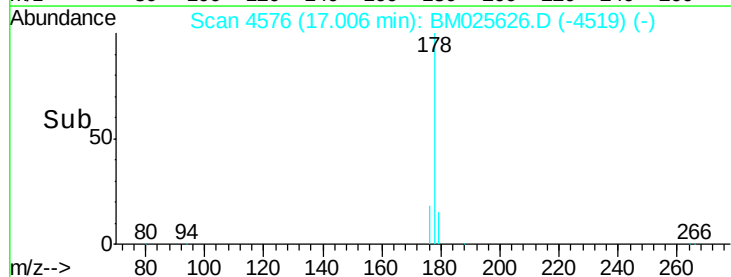
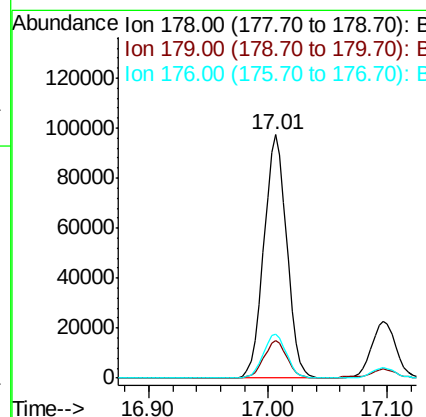
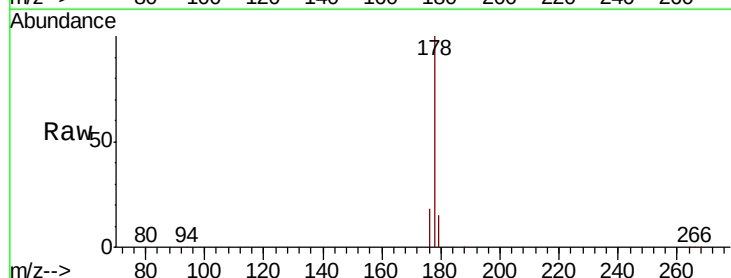
Tgt Ion:178 Resp: 130003

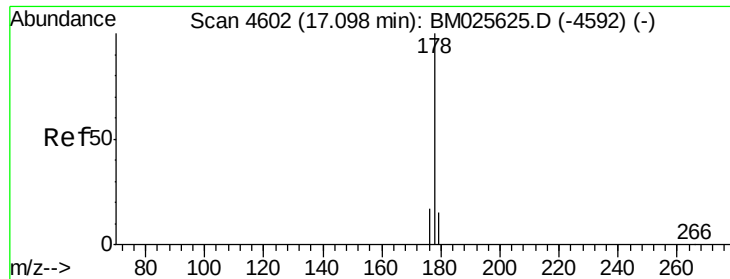
Ion Ratio Lower Upper

178 100

179 15.2 12.4 18.6

176 18.3 14.8 22.2





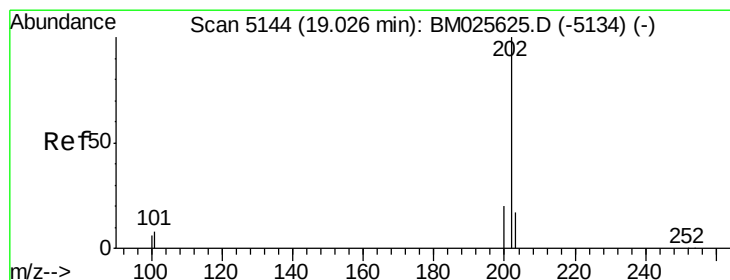
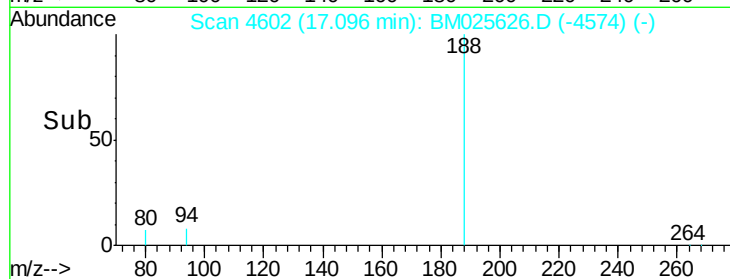
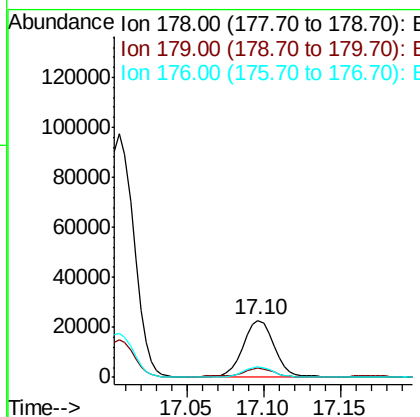
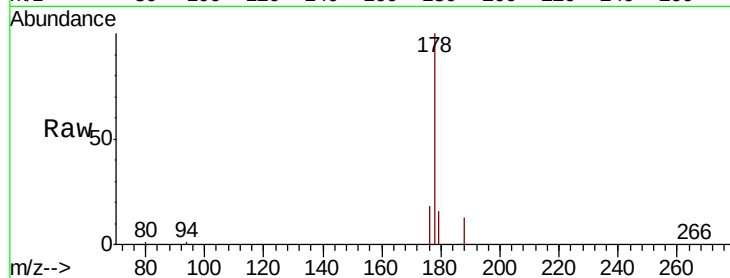
#13
 Anthracene
 Concen: 0.851 ng/ul
 RT: 17.10 min Scan# 4602
 Delta R.T. -0.00 min
 Lab File: BM025626.D
 Acq: 18 Mar 2020 13:21

Instrument :
 BNA_M
 ClientSampleId :
 C0AA4

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.6	18.8
176	18.0	14.5	21.7

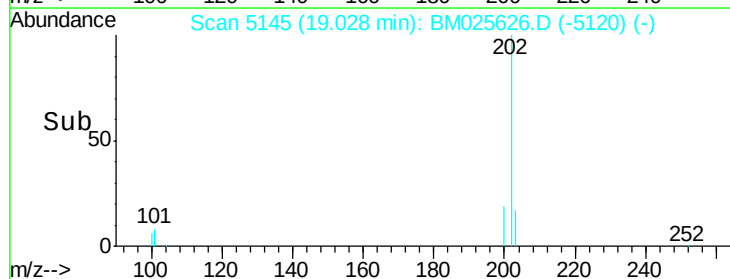
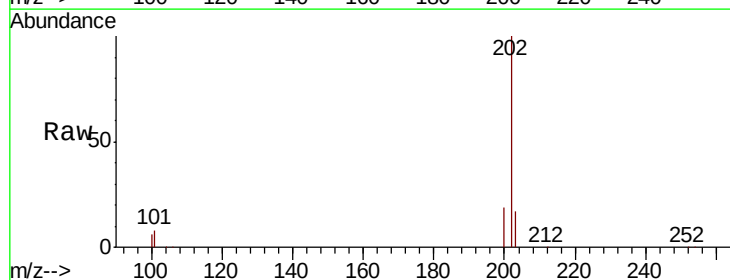
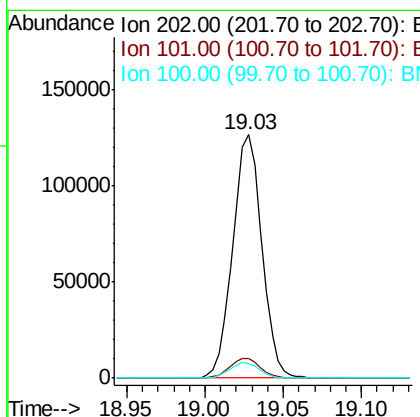
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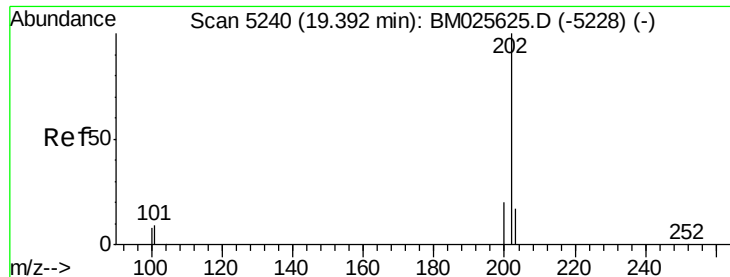
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#15
 Fluoranthene
 Concen: 3.566 ng/ul
 RT: 19.03 min Scan# 5145
 Delta R.T. -0.00 min
 Lab File: BM025626.D
 Acq: 18 Mar 2020 13:21

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.0	0.0	27.5
100	6.2	0.0	26.0





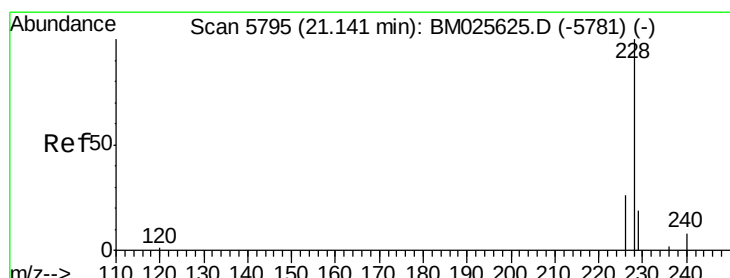
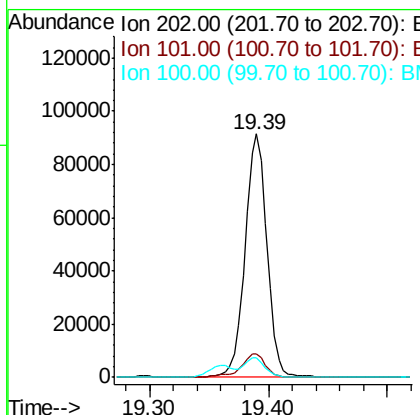
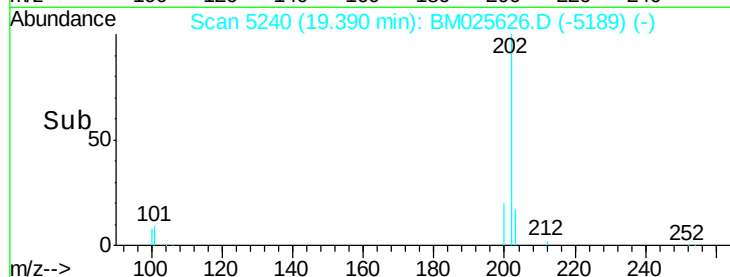
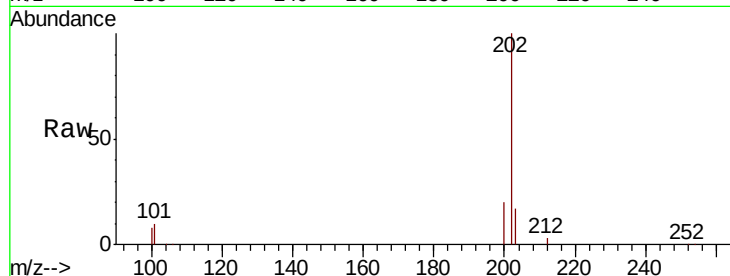
#17
Pvrene
Concen: 1.810 ng/ul
RT: 19.39 min Scan# 5240
Delta R.T. -0.00 min
Lab File: BM025626.D
Acq: 18 Mar 2020 13:21

Instrument :
BNA_M
ClientSampleId :
C0AA4

Tot Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	9.6	7.1	10.7
100	7.8	6.0	9.0

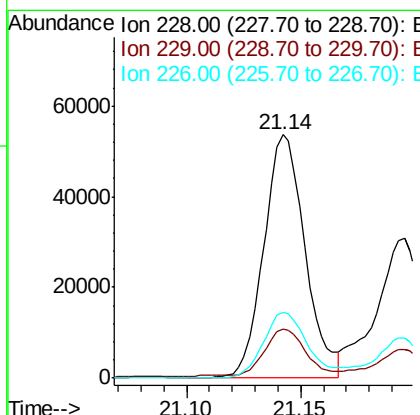
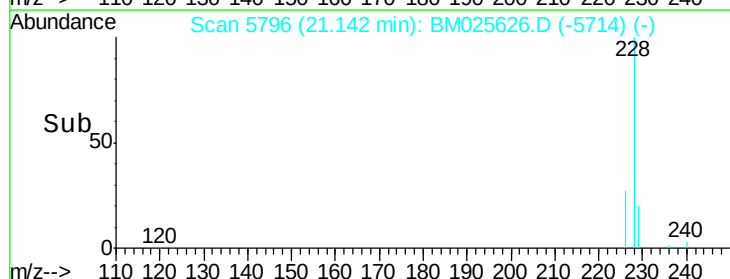
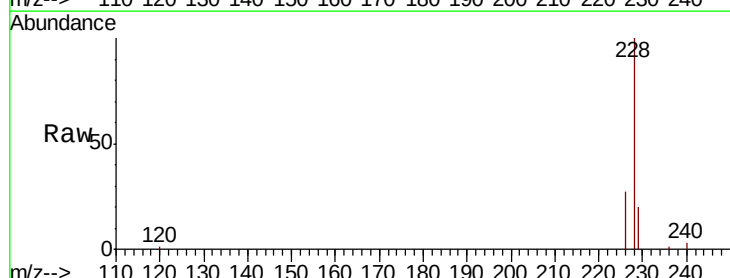
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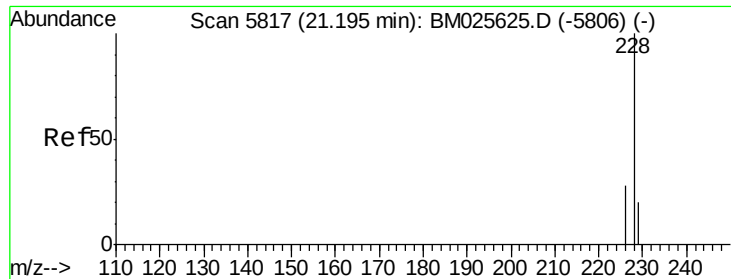
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#18
Benzo(a)anthracene
Concen: 1.290 ng/ul
RT: 21.14 min Scan# 5796
Delta R.T. -0.00 min
Lab File: BM025626.D
Acq: 18 Mar 2020 13:21

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	20.0	15.6	23.4
226	27.0	21.1	31.7





#19

Chrysene

Concen: 0.739 ng/ul

RT: 21.20 min Scan# 5818

Delta R.T. -0.00 min

Lab File: BM025626.D

Acq: 18 Mar 2020 13:21

Instrument :

BNA_M

ClientSampleId :

C0AA4

Tot Ion:228 Resp: 42861

Ion Ratio Lower Upper

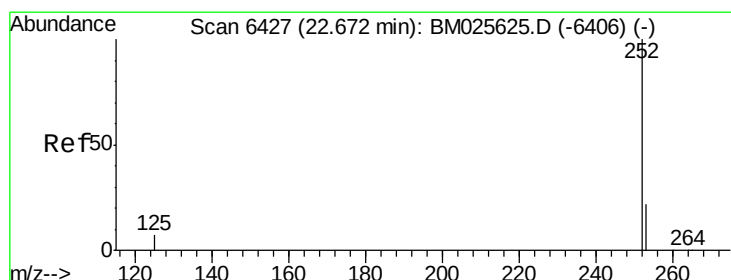
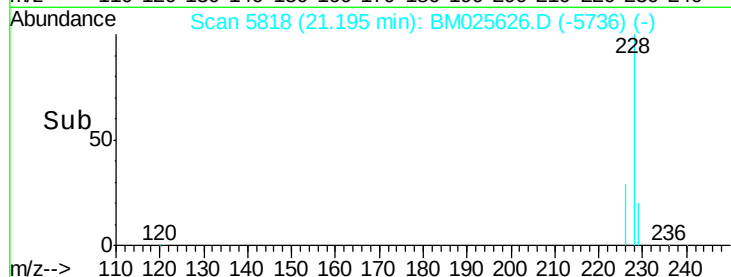
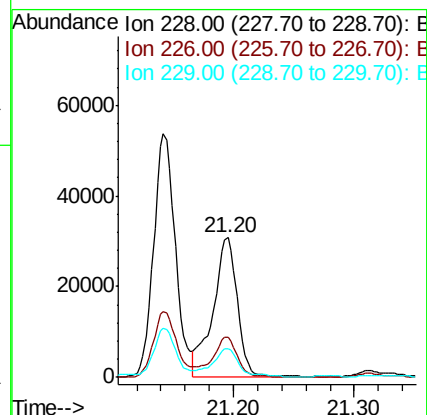
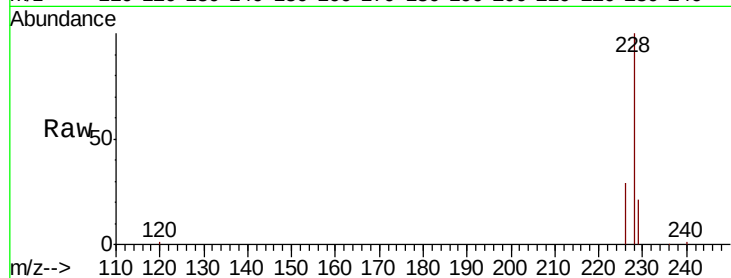
228 100

226 28.8 23.6 35.4

229 20.7 16.3 24.5

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#21

Benzo(b)fluoranthene

Concen: 0.915 ng/ul m

RT: 22.67 min Scan# 6429

Delta R.T. -0.00 min

Lab File: BM025626.D

Acq: 18 Mar 2020 13:21

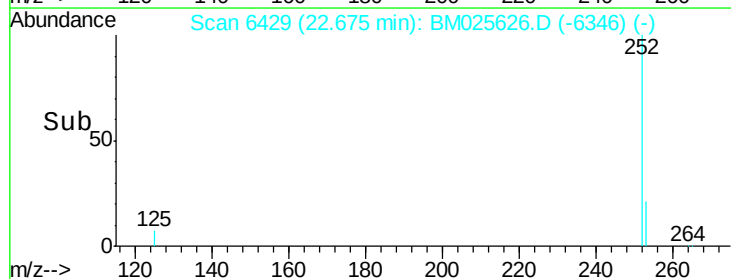
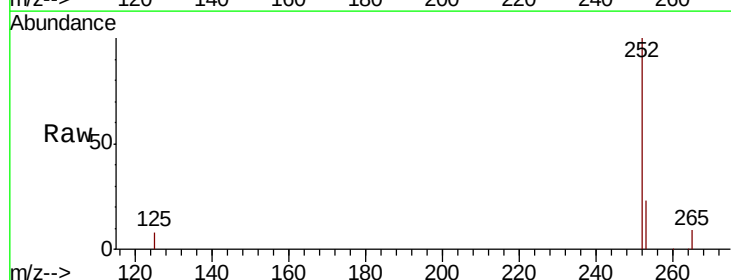
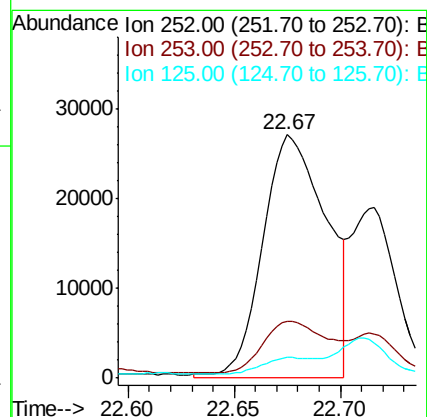
Tgt Ion:252 Resp: 56779

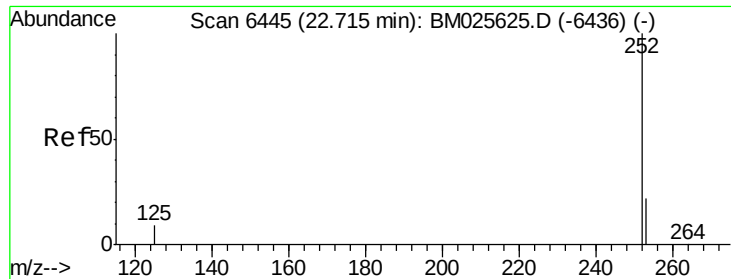
Ion Ratio Lower Upper

252 100

253 23.3 0.0 50.2

125 8.4 0.0 17.6





#22

Benzo(k)fluoranthene

Concen: 0.451 ng/ul

RT: 22.72 min Scan# 6446

Delta R.T. -0.00 min

Lab File: BM025626.D

Acq: 18 Mar 2020 13:21

Instrument :

BNA_M

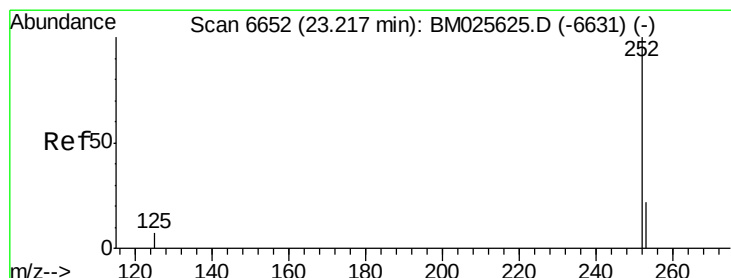
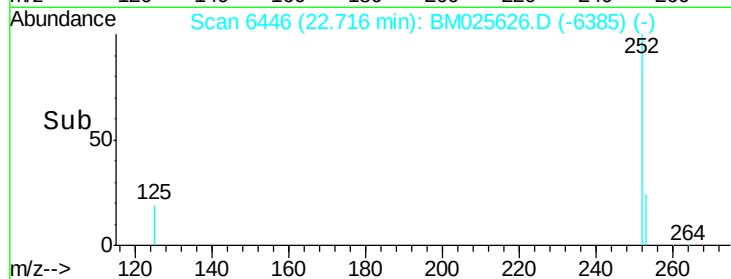
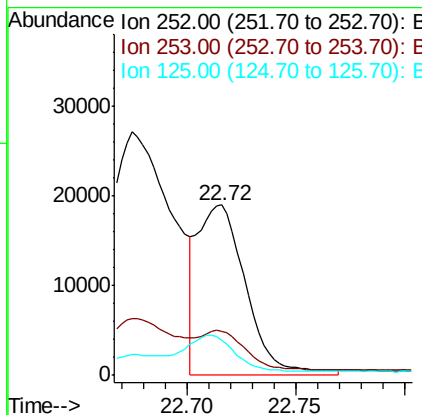
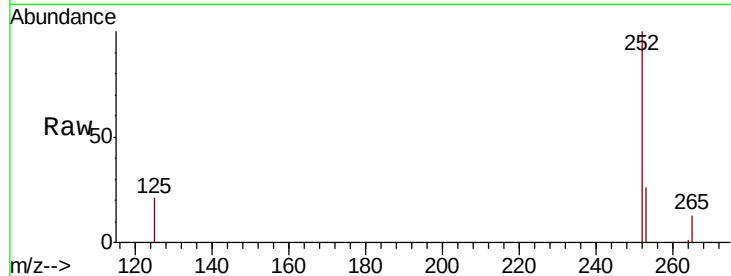
ClientSampleId :

C0AA4

Tot Ion:	252	Resp:	29323
Ion Ratio	Lower	Upper	
252	100		
253	26.1	19.8	29.8
125	20.6	7.1	10.7#

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#23

Benzo(a)pyrene

Concen: 0.805 ng/ul

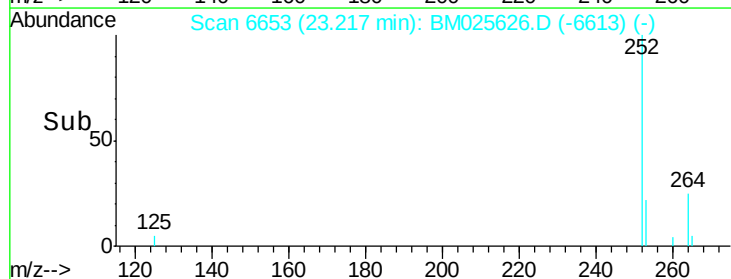
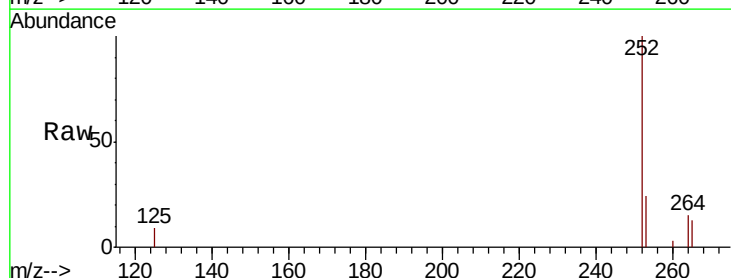
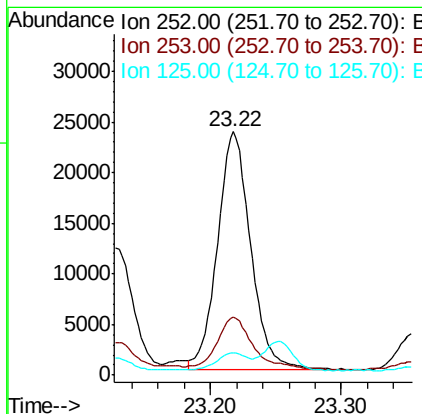
RT: 23.22 min Scan# 6653

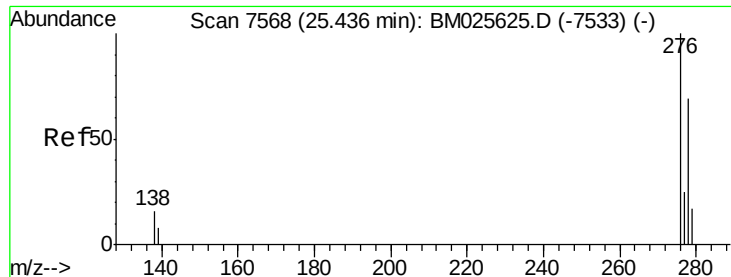
Delta R.T. -0.00 min

Lab File: BM025626.D

Acq: 18 Mar 2020 13:21

Tgt Ion:	252	Resp:	41484
Ion Ratio	Lower	Upper	
252	100		
253	23.9	21.3	31.9
125	9.0	8.5	12.7





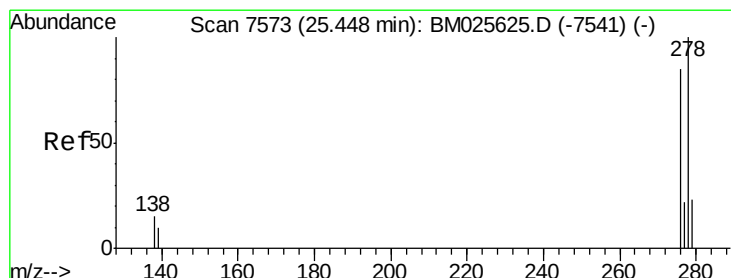
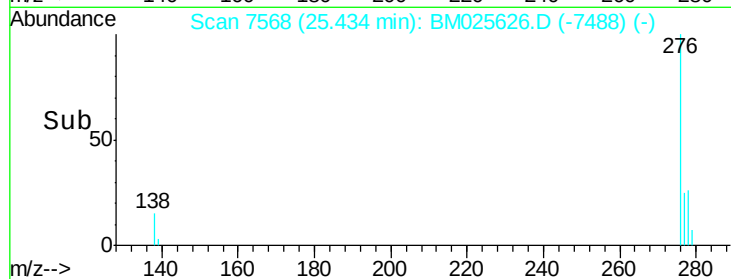
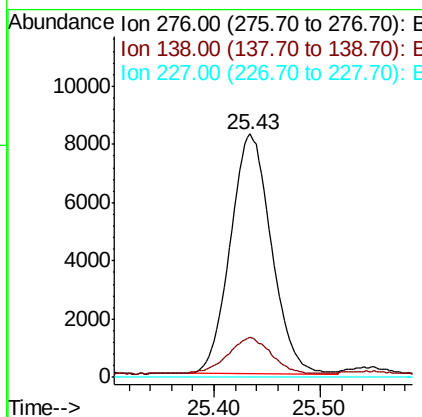
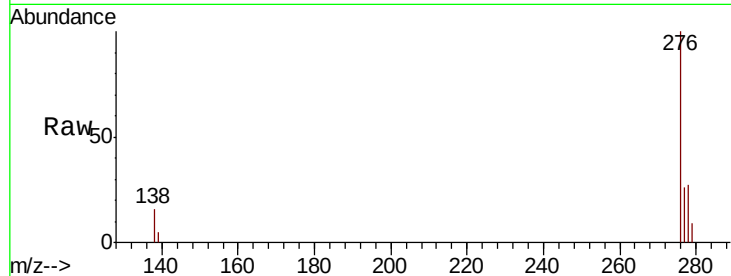
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.308 ng/ul
RT: 25.43 min Scan# 7568
Delta R.T. -0.01 min
Lab File: BM025626.D
Acq: 18 Mar 2020 13:21

Instrument :
BNA_M
ClientSampled :
C0AA4

Tot Ion	Ratio	Lower	Upper
276	100		
138	15.5	12.3	18.5
227	0.0	0.0	0.0

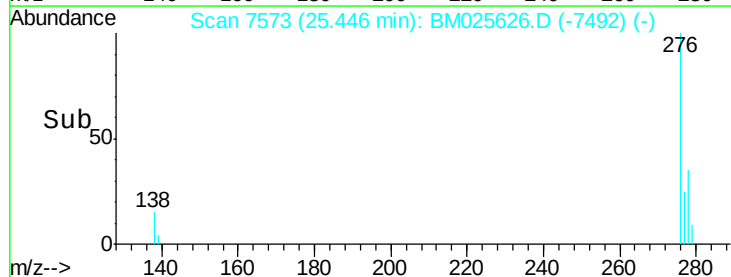
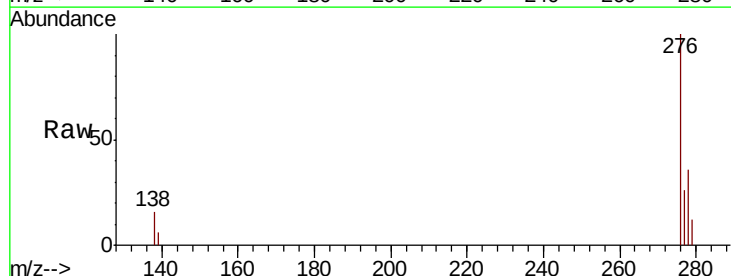
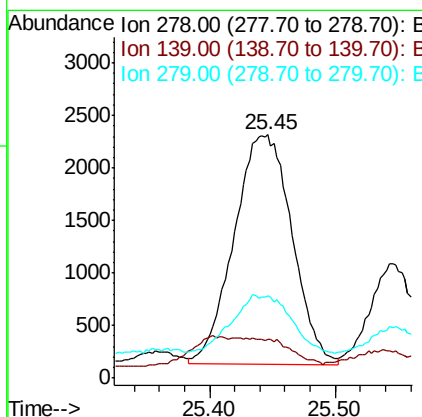
Manual Integrations
APPROVED

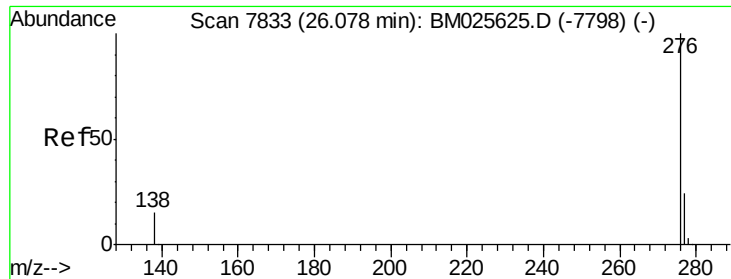
mohammad
3/19/2020 12:35:21 PM



#25
Dibenzo(a,h)anthracene
Concen: 0.119 ng/ul
RT: 25.45 min Scan# 7573
Delta R.T. -0.00 min
Lab File: BM025626.D
Acq: 18 Mar 2020 13:21

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.1	9.0	13.6#
279	33.8	21.1	31.7#





#26
 Benzo(a,h,i)perylene
 Concen: 0.205 ng/ul
 RT: 26.08 min Scan# 7835
 Delta R.T. -0.00 min
 Lab File: BM025626.D
 Acq: 18 Mar 2020 13:21

Instrument :
 BNA_M
 ClientSampleId :
 C0AA4

Tot Ion	Ratio	Lower	Upper
276	100		
138	16.2	11.0	16.4
277	25.4	19.8	29.6

Manual Integrations
 APPROVED

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