

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030620\
 Data File : BM025377.D
 Acq On : 08 Mar 2020 09:37
 Operator : CG/JU
 Sample : L1616-10
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBDQ4

Manual Integrations
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Quant Time: Mar 09 01:49:42 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 04 08:02:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	3786	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.43	136	16089	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.29	164	11349	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.04	188	26973m	0.40	ng/ul	-0.01
16) Chrysene-d12	21.22	240	30653	0.40	ng/ul	0.00
20) Perylene-d12	23.41	264	33414	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	7899	0.26	ng/ul	-0.01
14) Fluoranthene-d10	19.06	212	24224	0.28	ng/ul	-0.01
Target Compounds				Ovalue		
3) Naphthalene	10.48	128	9228	0.191	ng/ul#	84
5) 2-Methylnaphthalene	12.10	142	4055	0.115	ng/ul	100
7) Acenaphthylene	14.01	152	62674	1.179	ng/ul	93
8) Acenaphthene	14.36	153	8198	0.199	ng/ul	99
9) Fluorene	15.34	166	8400	0.163	ng/ul	95
12) Phenanthrene	17.08	178	75912	0.873	ng/ul	95
13) Anthracene	17.17	178	405172	5.249	ng/ul	95
15) Fluoranthene	19.09	202	1250285	11.485	ng/ul	96
17) Pyrene	19.46	202	1446643	12.444	ng/ul	96
18) Benzo(a)anthracene	21.21	228	730017	6.479	ng/ul	99
19) Chrysene	21.26	228	1086864	8.779	ng/ul	99
21) Benzo(b)fluoranthene	22.77	252	2329006m	17.421	ng/ul	
22) Benzo(k)fluoranthene	22.80	252	714999m	5.100	ng/ul	
23) Benzo(a)pyrene	23.32	252	639736	5.700	ng/ul#	89
24) Indeno(1,2,3-cd)pyrene	25.59	276	695995	4.975	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.59	278	164684	1.420	ng/ul#	95
26) Benzo(a,h,i)perylene	26.25	276	399980	3.366	ng/ul#	91

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

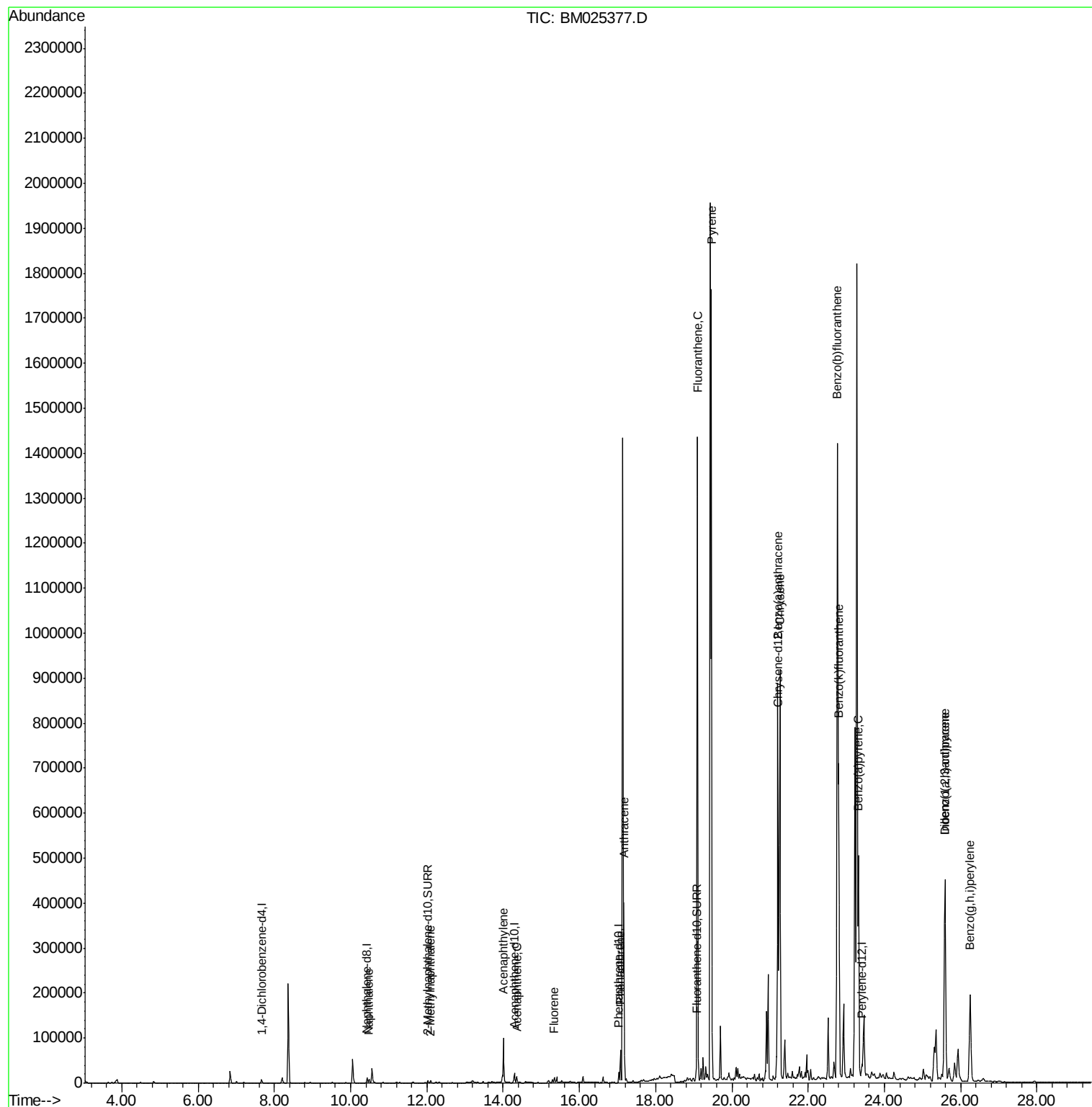
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030620\
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ALS Vial : 63 Sample Multiplier: 1

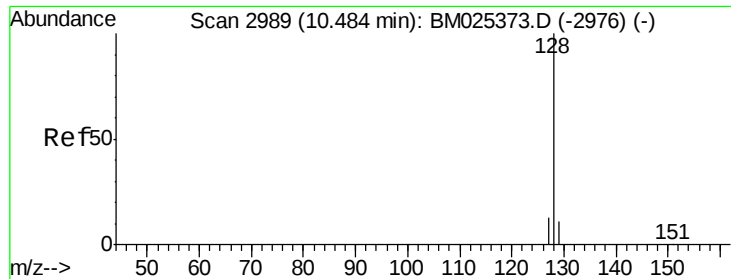
Instrument :
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Quant Time: Mar 09 01:49:42 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 04 08:02:03 2020
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.191 ng/ul

RT: 10.48 min Scan# 2988

Delta R.T. -0.01 min

Lab File: BM025377.D

Acq: 08 Mar 2020 09:37

Instrument :

BNA_M

ClientSampleId :

DBDQ4

Tot Ion:128 Resp: 9228

Ion Ratio Lower Upper

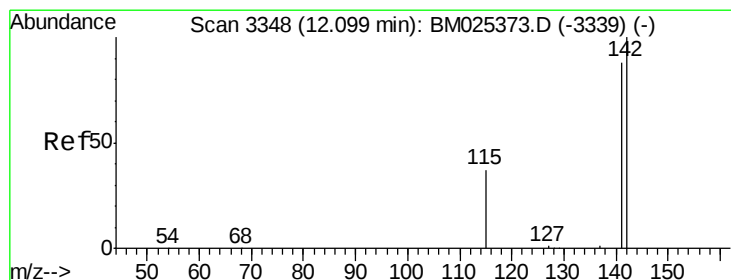
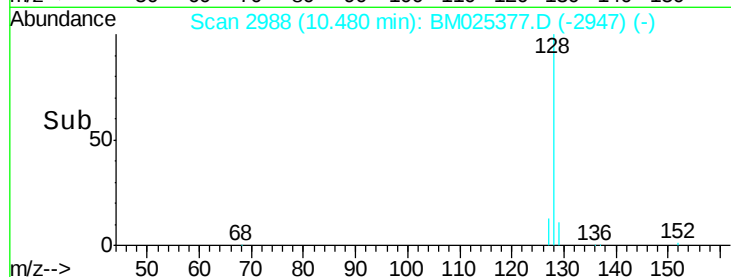
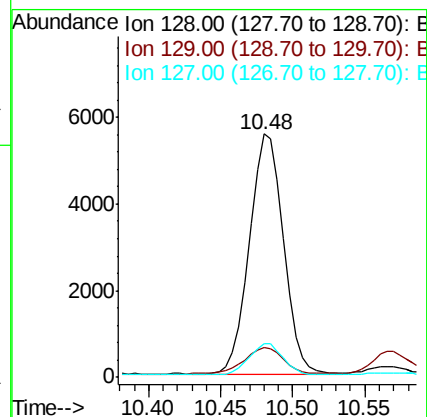
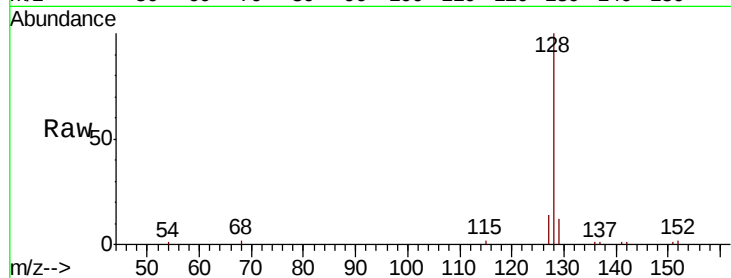
128 100

129 12.4 17.0 25.6#

127 13.6 15.7 23.5#

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#5

2-Methylnaphthalene

Concen: 0.115 ng/ul

RT: 12.10 min Scan# 3348

Delta R.T. -0.01 min

Lab File: BM025377.D

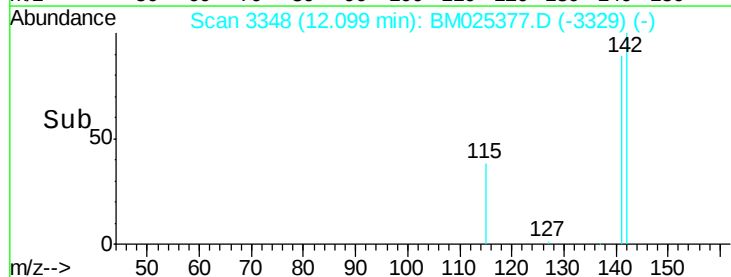
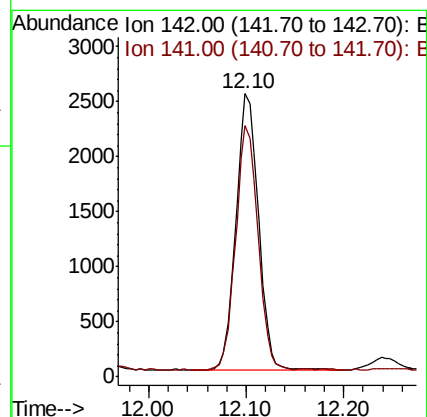
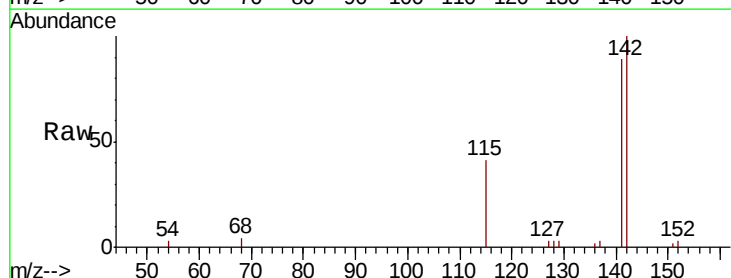
Acq: 08 Mar 2020 09:37

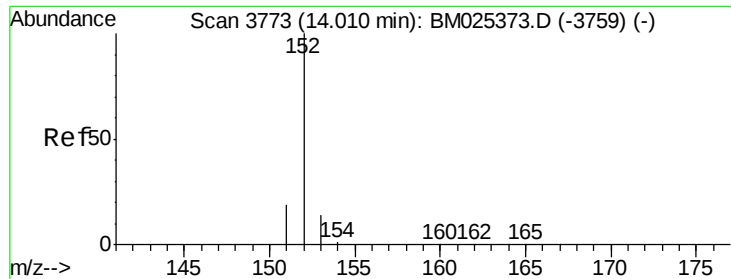
Tgt Ion:142 Resp: 4055

Ion Ratio Lower Upper

142 100

141 87.6 69.8 104.8





#7

Acenaphthylene

Concen: 1.179 ng/ul

RT: 14.01 min Scan# 3773

Delta R.T. -0.01 min

Lab File: BM025377.D

Acq: 08 Mar 2020 09:37

Instrument :

BNA_M

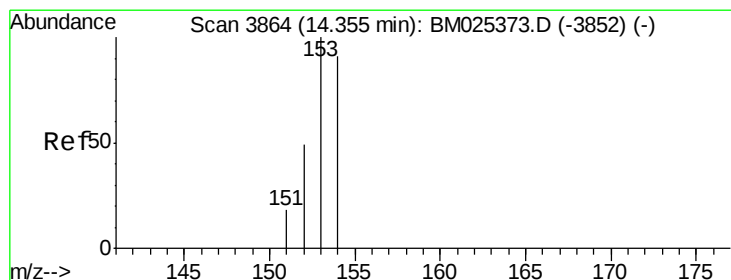
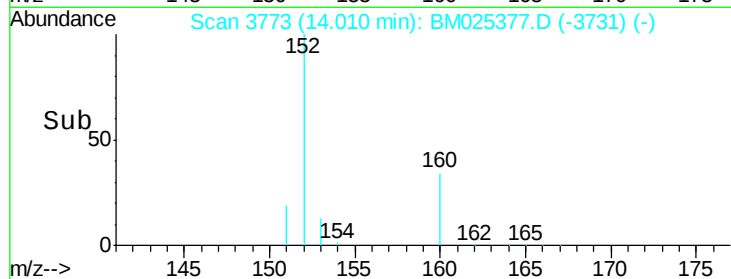
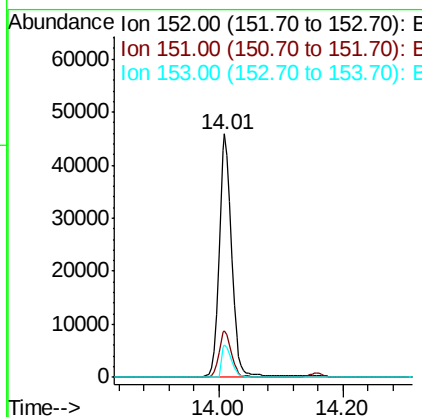
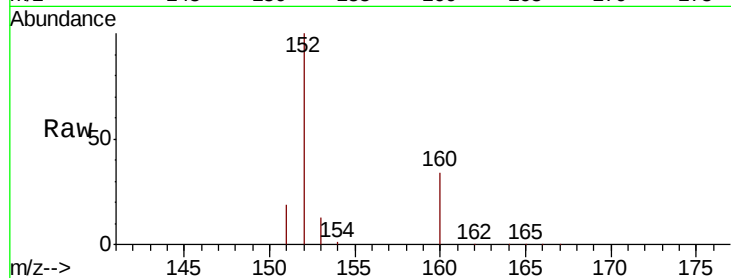
ClientSampleId :

DBDQ4

Tot Ion:	152	Resp:	62674
Ion	Ratio	Lower	Upper
152	100		
151	19.3	17.8	26.8
153	13.3	13.3	19.9

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#8

Acenaphthene

Concen: 0.199 ng/ul

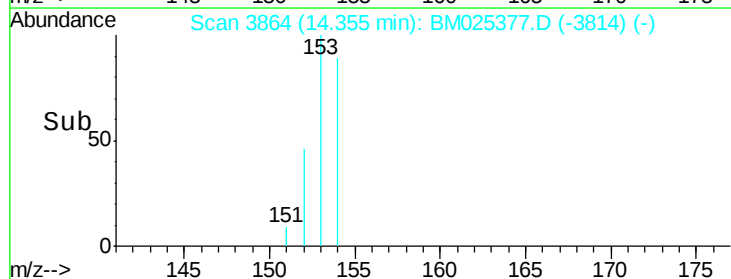
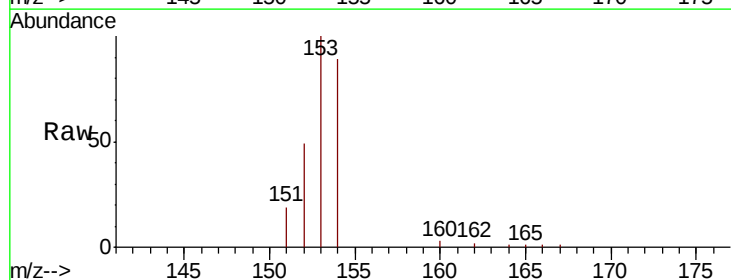
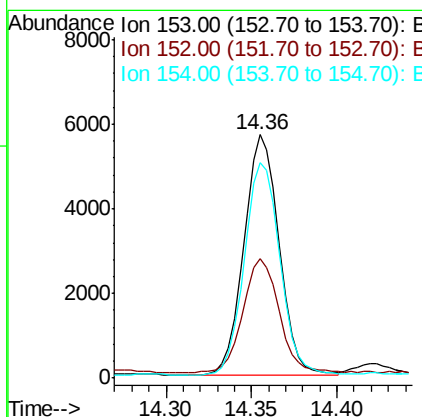
RT: 14.36 min Scan# 3864

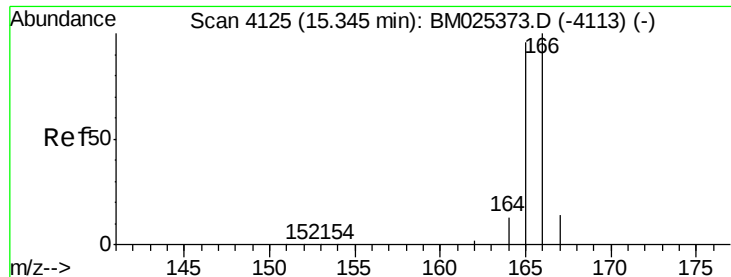
Delta R.T. -0.01 min

Lab File: BM025377.D

Acq: 08 Mar 2020 09:37

Tgt Ion:	153	Resp:	8198
Ion	Ratio	Lower	Upper
153	100		
152	49.3	40.0	60.0
154	88.6	71.0	106.6





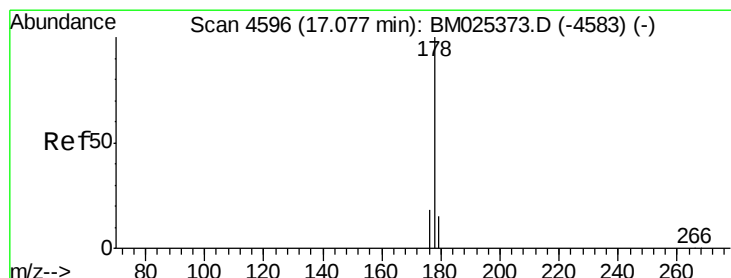
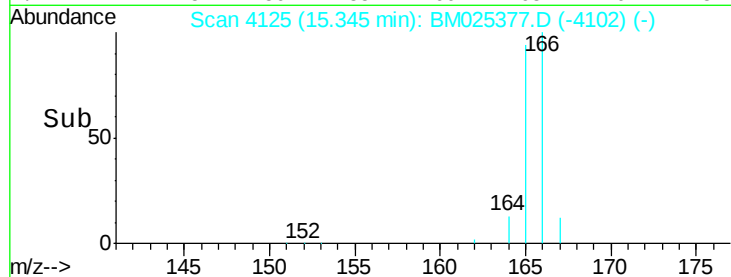
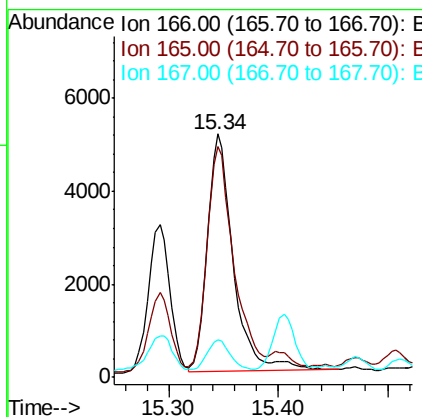
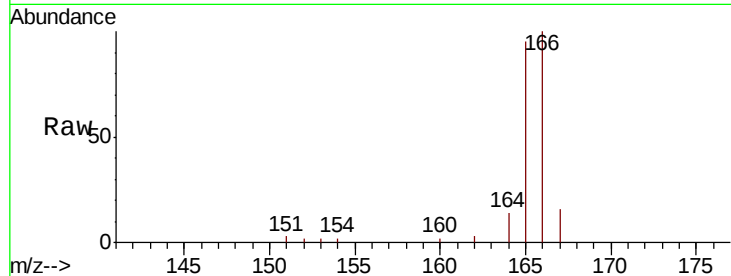
#9
Fluorene
 Concen: 0.163 ng/ul
 RT: 15.34 min Scan# 4125
 Delta R.T. -0.01 min
 Lab File: BM025377.D
 Acq: 08 Mar 2020 09:37

Instrument :
 BNA_M
 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
166	100		
165	94.9	80.0	120.0
167	15.5	13.7	20.5

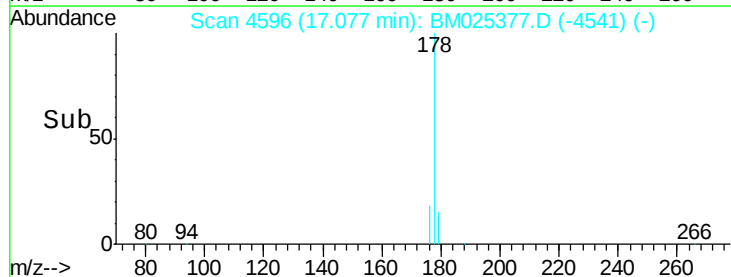
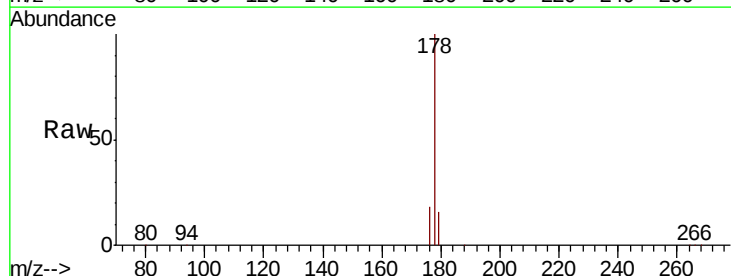
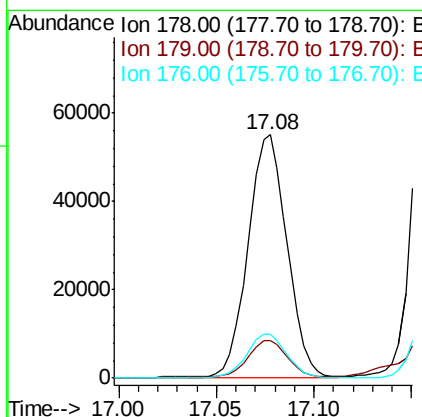
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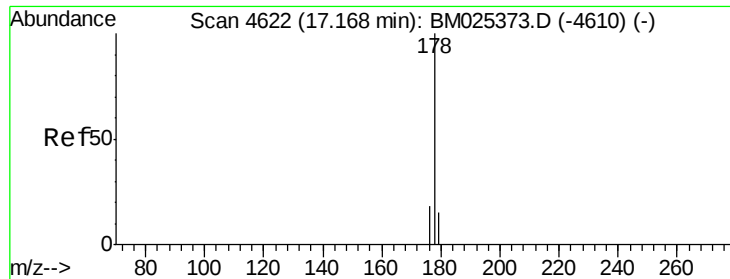
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#12
Phenanthrene
 Concen: 0.873 ng/ul
 RT: 17.08 min Scan# 4596
 Delta R.T. -0.01 min
 Lab File: BM025377.D
 Acq: 08 Mar 2020 09:37

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.6	14.0	21.0
176	18.3	16.6	24.8





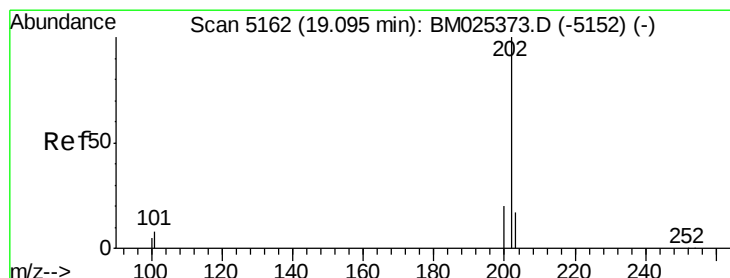
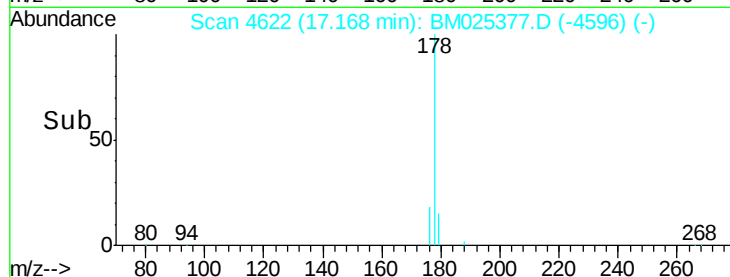
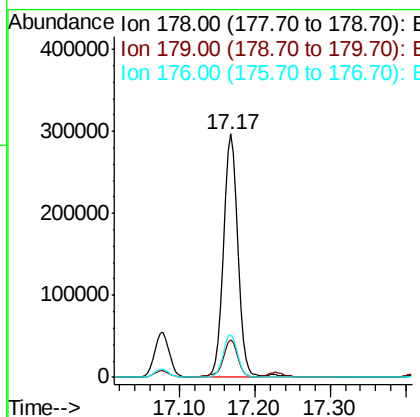
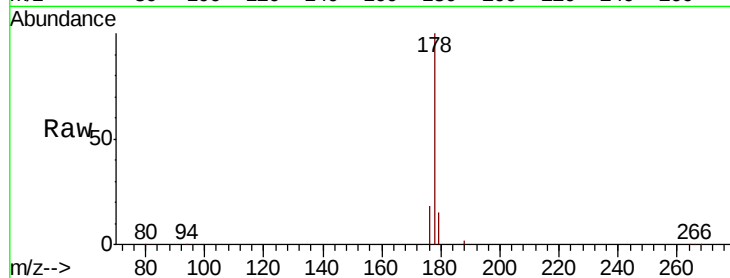
#13
 Anthracene
 Concen: 5.249 ng/ul
 RT: 17.17 min Scan# 4622
 Delta R.T. -0.01 min
 Lab File: BM025377.D
 Acq: 08 Mar 2020 09:37

Instrument :
 BNA_M
 ClientSampleId :
 DBDQ4

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.4	14.1	21.1
176	17.7	16.2	24.4

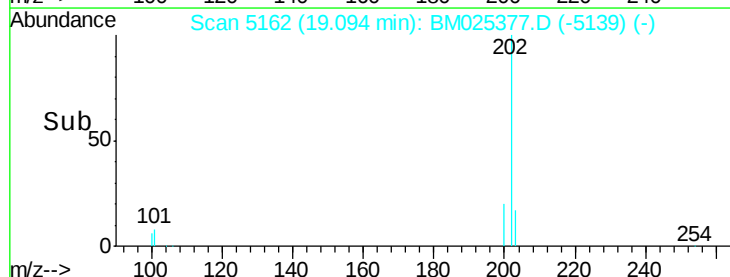
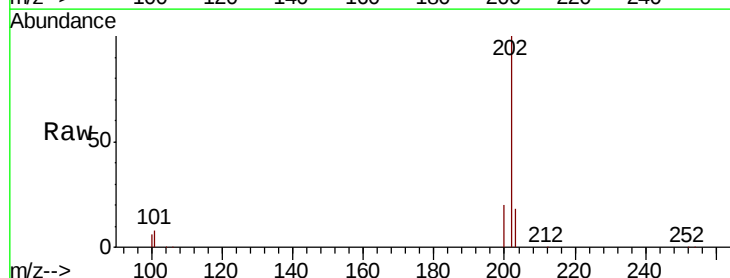
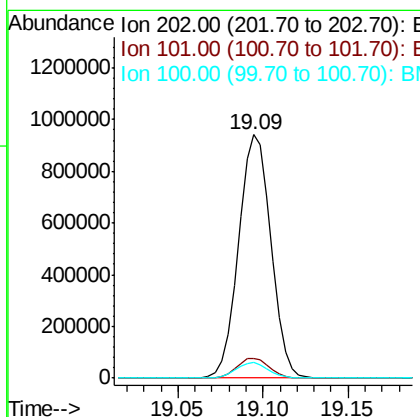
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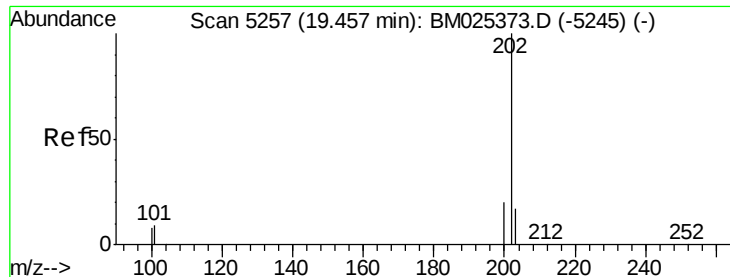
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#15
 Fluoranthene
 Concen: 11.485 ng/ul
 RT: 19.09 min Scan# 5162
 Delta R.T. -0.01 min
 Lab File: BM025377.D
 Acq: 08 Mar 2020 09:37

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.2	0.0	29.4
100	6.3	0.0	28.0





#17

Pvrene

Concen: 12.444 ng/ul

RT: 19.46 min Scan# 5258

Delta R.T. -0.01 min

Lab File: BM025377.D

Acq: 08 Mar 2020 09:37

Instrument :

BNA_M

ClientSampleId :

DBDQ4

Tot Ion:202 Resp: 1446643

Ion Ratio Lower Upper

202 100

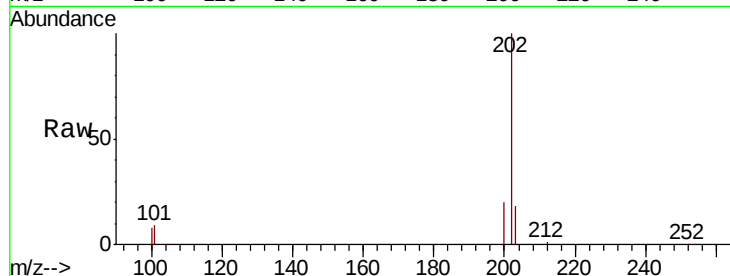
101 9.2 8.7 13.1

100 7.5 7.3 10.9

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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): E

1500000

1000000

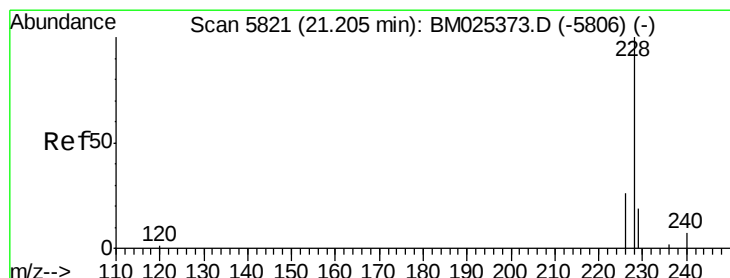
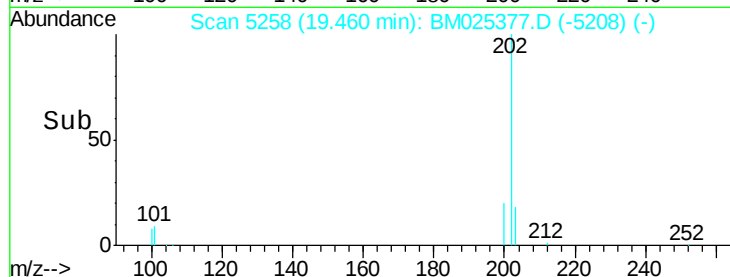
500000

0

19.46

19.40 19.50

Time-->



#18

Benzo(a)anthracene

Concen: 6.479 ng/ul

RT: 21.21 min Scan# 5822

Delta R.T. -0.01 min

Lab File: BM025377.D

Acq: 08 Mar 2020 09:37

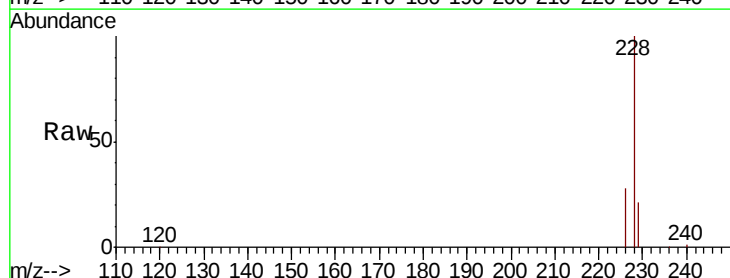
Tgt Ion:228 Resp: 730017

Ion Ratio Lower Upper

228 100

229 20.7 16.6 25.0

226 28.1 21.9 32.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

800000

600000

400000

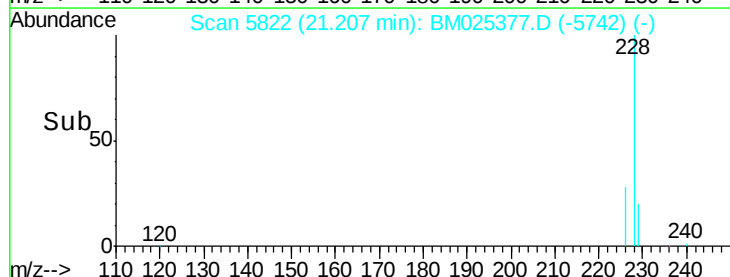
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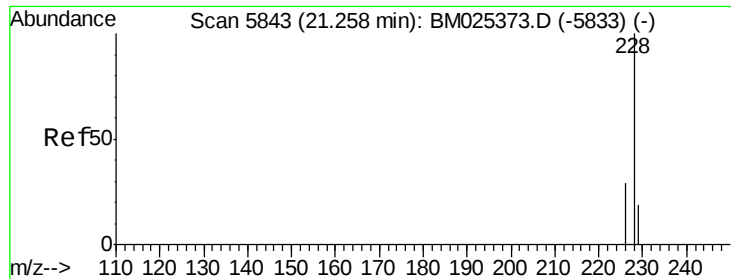
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21.21

21.15 21.20

Time-->





#19

Chrysene

Concen: 8.779 ng/ul

RT: 21.26 min Scan# 5843

Delta R.T. -0.01 min

Lab File: BM025377.D

Acq: 08 Mar 2020 09:37

Instrument :

BNA_M

ClientSampleId :

DBDQ4

Tot Ion:228 Resp: 1086864

Ion Ratio Lower Upper

228 100

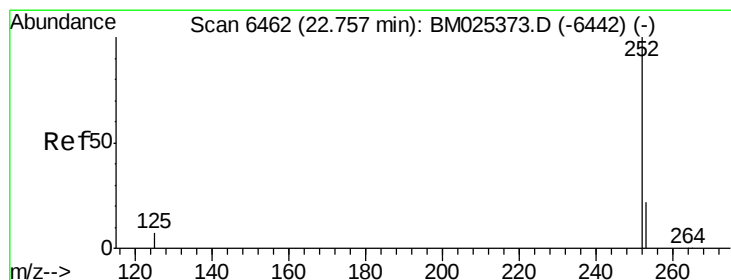
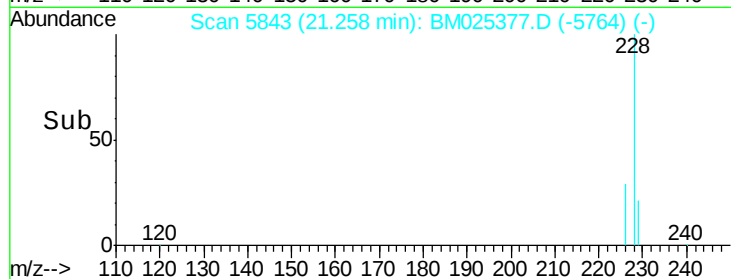
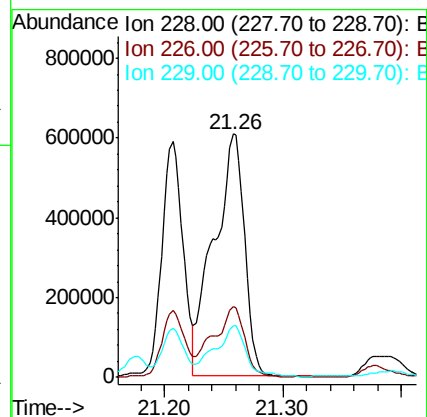
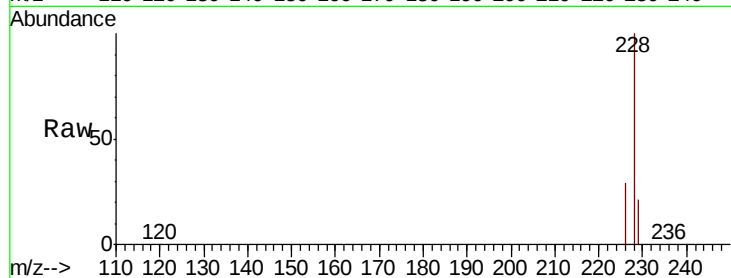
226 29.2 23.8 35.8

229 21.0 16.9 25.3

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#21

Benzo(b)fluoranthene

Concen: 17.421 ng/ul m

RT: 22.77 min Scan# 6466

Delta R.T. -0.00 min

Lab File: BM025377.D

Acq: 08 Mar 2020 09:37

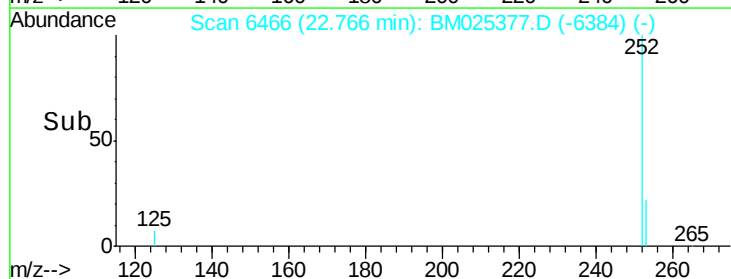
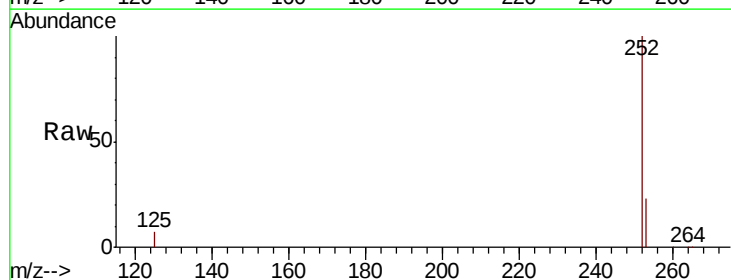
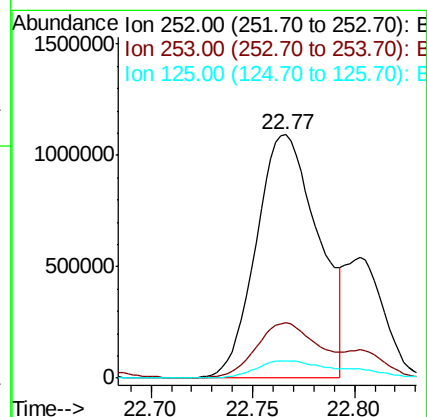
Tgt Ion:252 Resp: 2329006

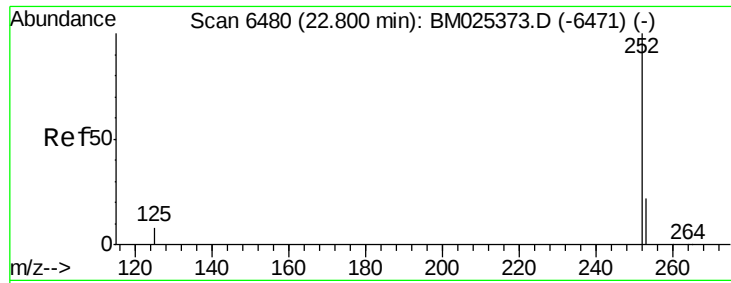
Ion Ratio Lower Upper

252 100

253 22.5 0.0 49.8

125 7.1 0.0 28.6





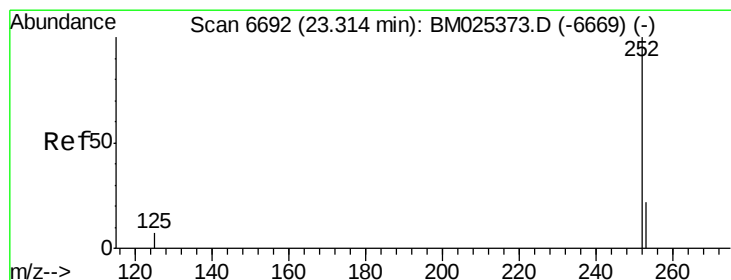
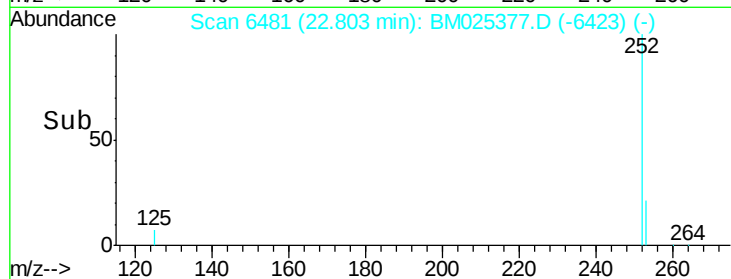
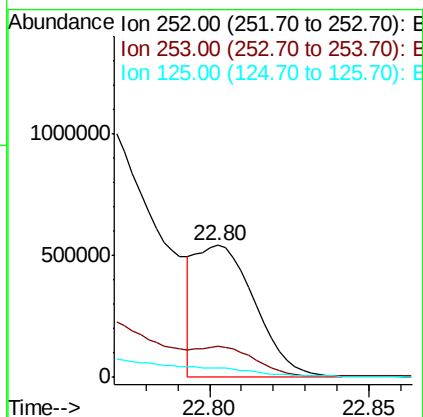
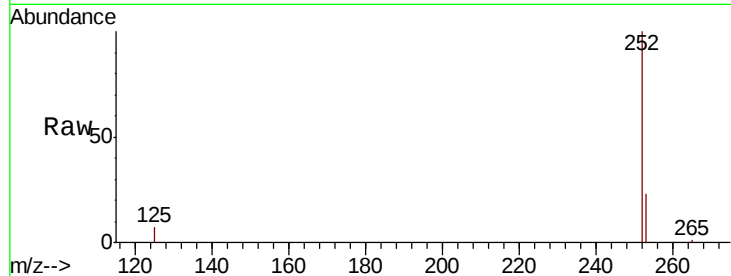
#22
Benzo(k)fluoranthene
Concen: 5.100 ng/ul m
RT: 22.80 min Scan# 6481
Delta R.T. -0.01 min
Lab File: BM025377.D
Acq: 08 Mar 2020 09:37

Instrument :
BNA_M
ClientSampleId :
DBDQ4

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	19.4	29.0
125	7.4	10.7	16.1#

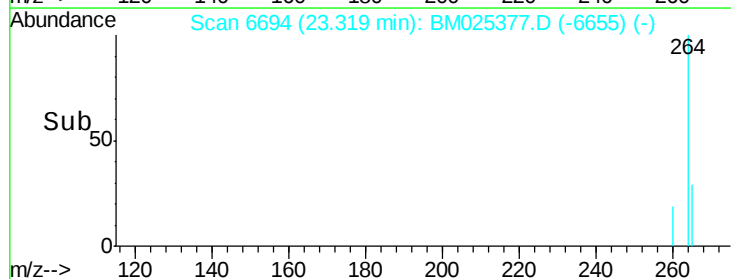
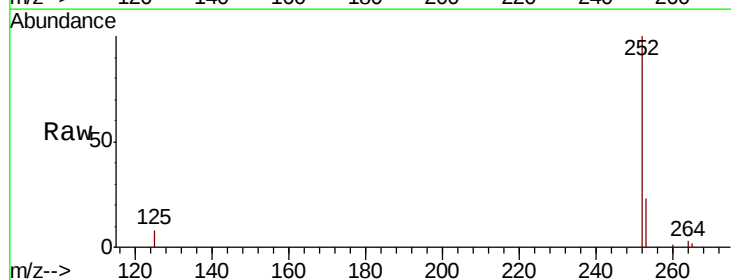
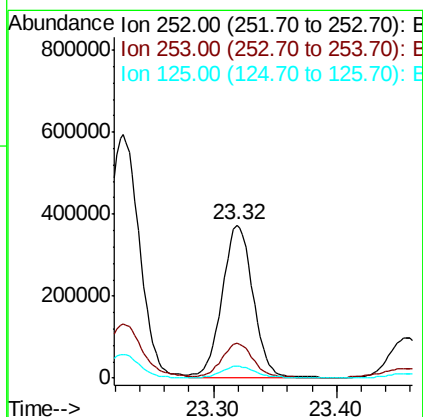
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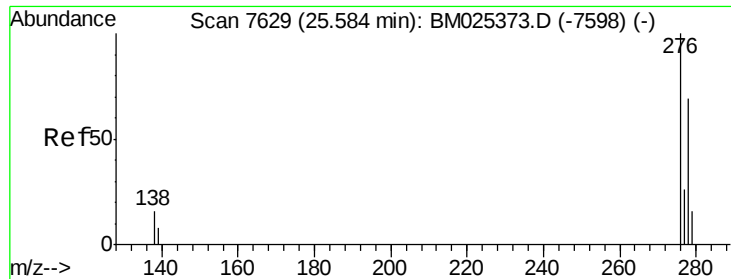
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#23
Benzo(a)pyrene
Concen: 5.700 ng/ul
RT: 23.32 min Scan# 6694
Delta R.T. -0.00 min
Lab File: BM025377.D
Acq: 08 Mar 2020 09:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	20.3	30.5
125	7.7	13.0	19.4#





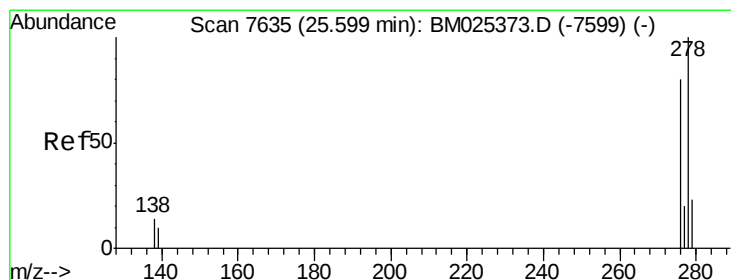
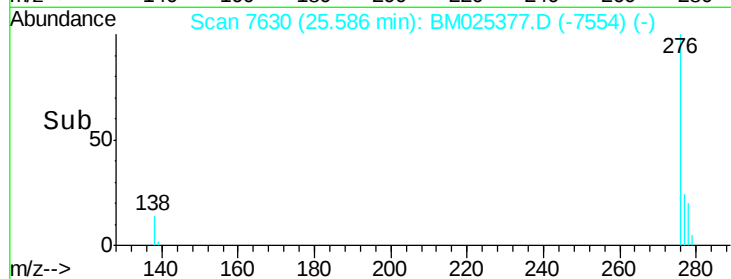
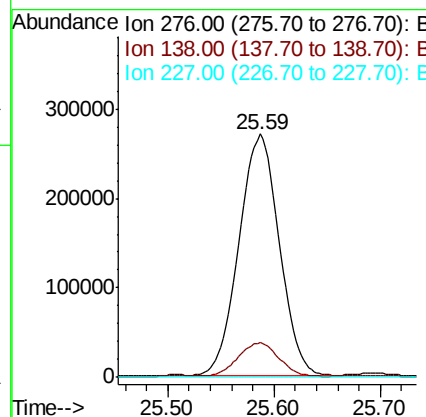
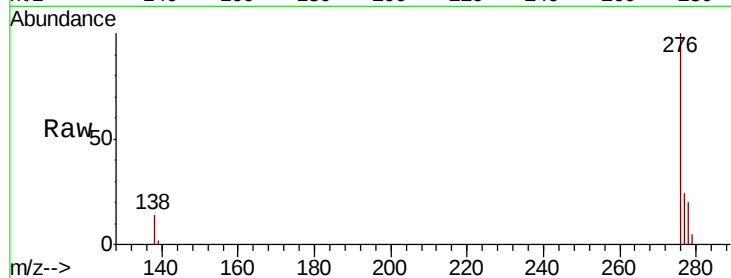
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 4.975 ng/ul
 RT: 25.59 min Scan# 7630
 Delta R.T. -0.02 min
 Lab File: BM025377.D
 Acq: 08 Mar 2020 09:37

Instrument :
 BNA_M
 ClientSampleId :
 DBDQ4

Tot Ion	Ratio	Resp Lower	Upper
276	100		
138	14.4	0.0	0.0#
227	0.0	0.0	0.0

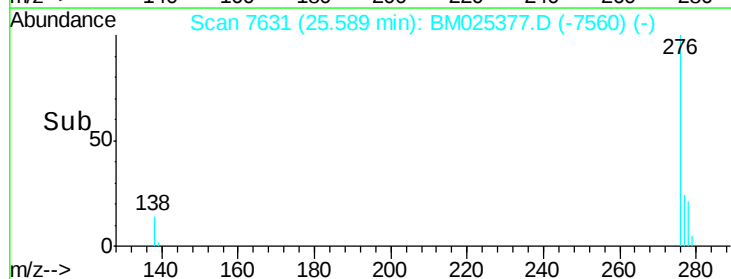
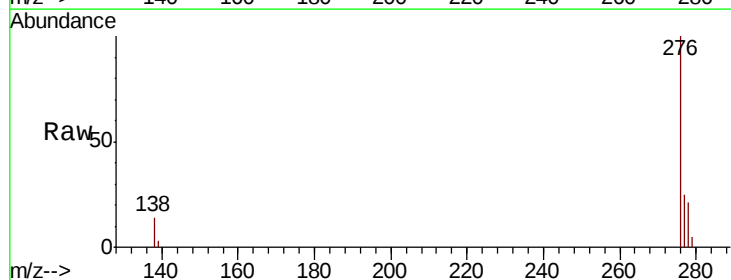
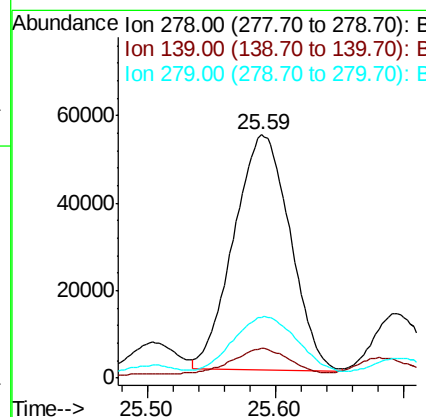
Manual Integrations
 APPROVED

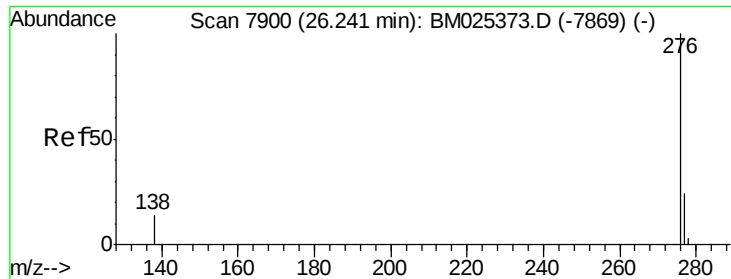
mohammad
 3/9/2020 3:02:59 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 1.420 ng/ul
 RT: 25.59 min Scan# 7631
 Delta R.T. -0.03 min
 Lab File: BM025377.D
 Acq: 08 Mar 2020 09:37

Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	12.0	13.2	19.8#
279	25.1	21.0	31.4





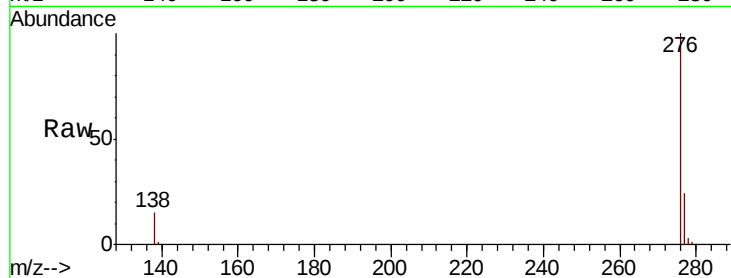
#26
 Benzo(a,h,i)perylene
 Concen: 3.366 ng/ul
 RT: 26.25 min Scan# 7903
 Delta R.T. -0.01 min
 Lab File: BM025377.D
 Acq: 08 Mar 2020 09:37

Instrument :
 BNA_M
 ClientSampleId :
 DBDQ4

Tot Ion	Ratio	Lower	Upper
276	100		
138	14.6	17.9	26.9#
277	23.9	20.5	30.7

Manual Integrations
 APPROVED

mohammad
 3/9/2020 3:02:59 PM



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

