

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031320\
 Data File : BM025560.D
 Acq On : 14 Mar 2020 03:15
 Operator : CG/JU
 Sample : L1786-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AC0

Manual Integrations
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Quant Time: Mar 16 07:11:14 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 : Mon Mar 16 06:44:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	3762	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	16741	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.28	164	12125	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.02	188	26623m	0.40	ng/ul	0.00
16) Chrysene-d12	21.21	240	19949	0.40	ng/ul	0.00
20) Perylene-d12	23.39	264	18436	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	8683	0.29	ng/ul	0.00
14) Fluoranthene-d10	19.05	212	21330	0.29	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.47	128	9666	0.195	ng/ul	100
5) 2-Methylnaphthalene	12.09	142	2015	0.057	ng/ul	99
7) Acenaphthylene	14.00	152	2695	0.054	ng/ul#	83
8) Acenaphthene	14.35	153	7820	0.180	ng/ul	99
9) Fluorene	15.33	166	7340	0.139	ng/ul	98
12) Phenanthrene	17.07	178	27993	0.332	ng/ul	100
13) Anthracene	17.16	178	9481	0.129	ng/ul	97
15) Fluoranthene	19.08	202	64151	0.701	ng/ul	97
17) Pyrene	19.45	202	55420	0.619	ng/ul	97
18) Benzo(a)anthracene	21.20	228	38145	0.535	ng/ul	98
19) Chrysene	21.25	228	35788	0.447	ng/ul	99
21) Benzo(b)fluoranthene	22.75	252	38774m	0.531	ng/ul	
22) Benzo(k)fluoranthene	22.79	252	15975m	0.209	ng/ul	
23) Benzo(a)pyrene	23.30	252	27196	0.449	ng/ul	98
24) Indeno(1,2,3-cd)pyrene	25.56	276	15451	0.188	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.57	278	4891	0.071	ng/ul#	79
26) Benzo(a,h,i)perylene	26.22	276	13395	0.188	ng/ul#	96

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

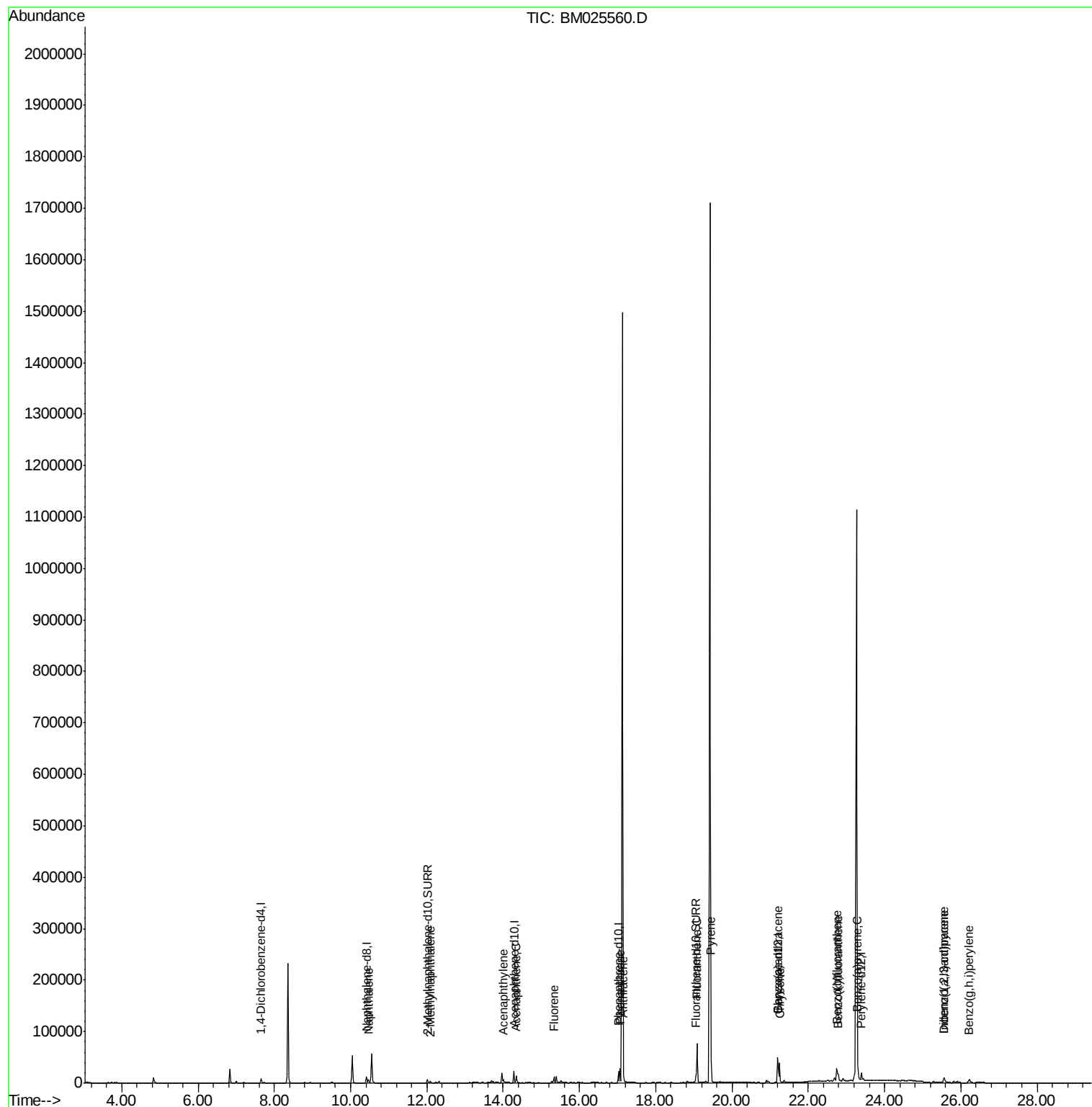
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031320\
Data File : BM025560.D
Acq On : 14 Mar 2020 03:15
Operator : CG/JU
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Misc :
ALS Vial : 19 Sample Multiplier: 1

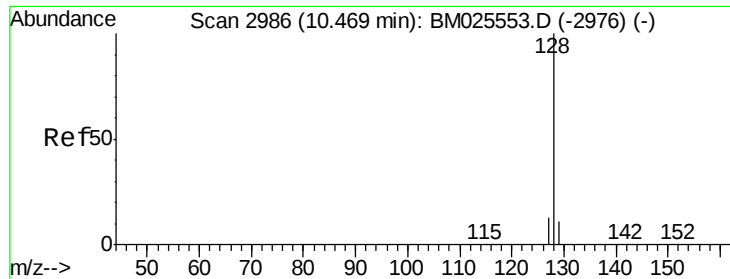
Instrument :
BNA_M
ClientSampleId :
C0AC0

Quant Time: Mar 16 07:11:14 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 : Mon Mar 16 06:44:28 2020
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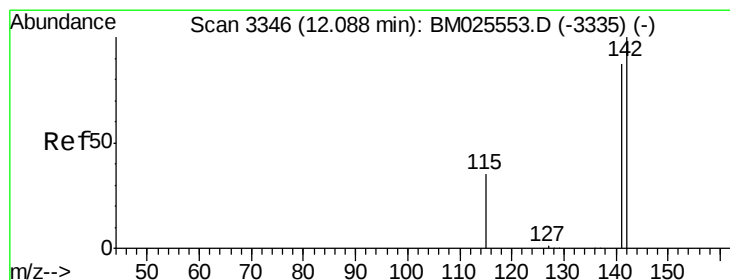
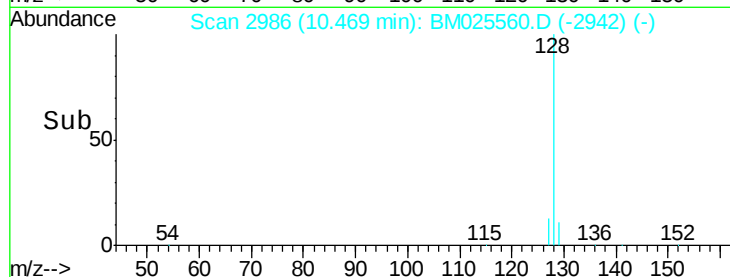
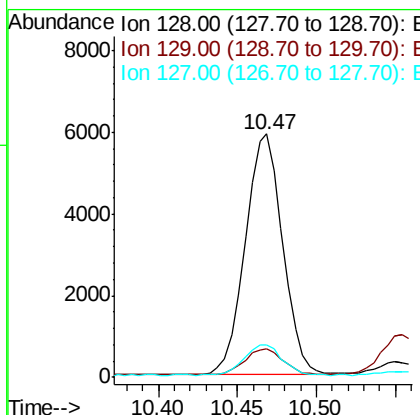
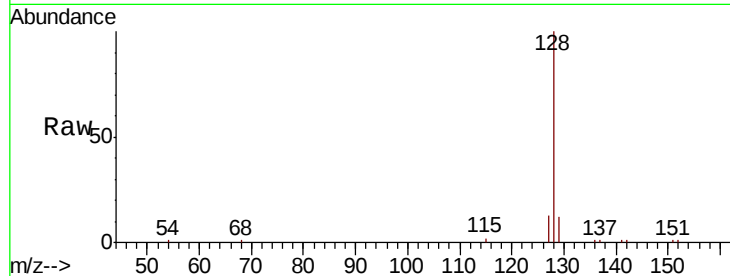
#3
Naphthalene
Concen: 0.195 ng/ul
RT: 10.47 min Scan# 2986
Delta R.T. -0.00 min
Lab File: BM025560.D
Acq: 14 Mar 2020 03:15

Instrument :
BNA_M
ClientSampleId :
C0AC0

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.4	14.0
127	13.3	10.9	16.3

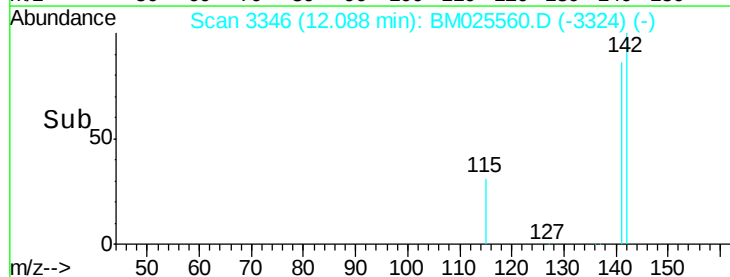
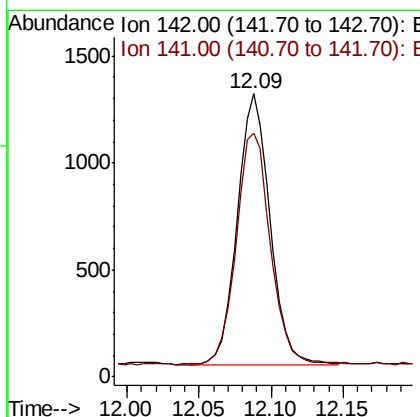
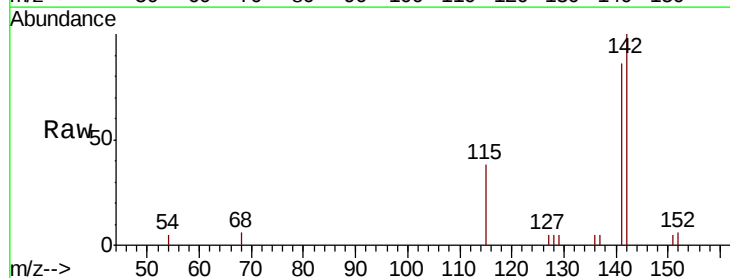
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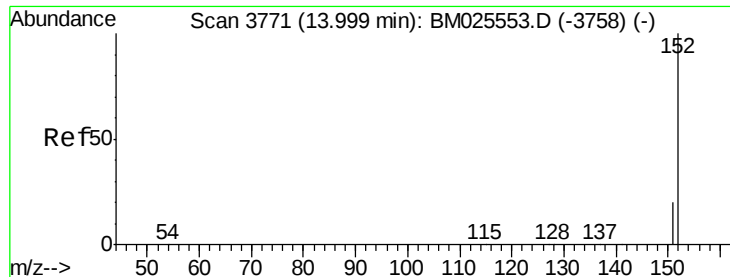
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#5
2-Methylnaphthalene
Concen: 0.057 ng/ul
RT: 12.09 min Scan# 3346
Delta R.T. -0.00 min
Lab File: BM025560.D
Acq: 14 Mar 2020 03:15

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.5	69.8	104.6





#7

Acenaphthylene

Concen: 0.054 ng/ul

RT: 14.00 min Scan# 3771

Delta R.T. -0.00 min

Lab File: BM025560.D

Acq: 14 Mar 2020 03:15

Instrument :

BNA_M

ClientSampleId :

C0AC0

Tot Ion:152 Resp: 2695

Ion Ratio Lower Upper

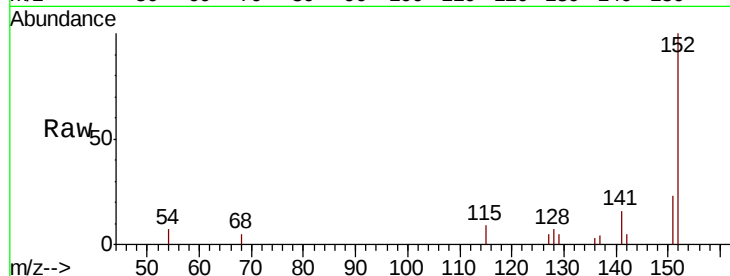
152 100

151 23.0 16.2 24.2

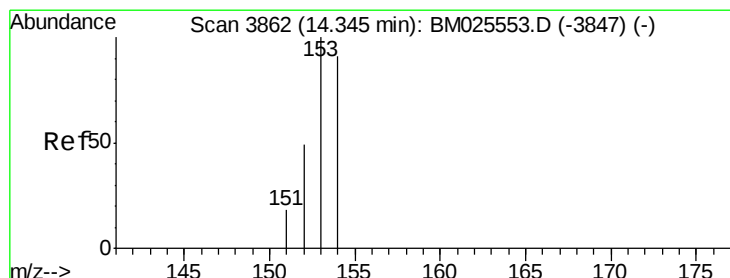
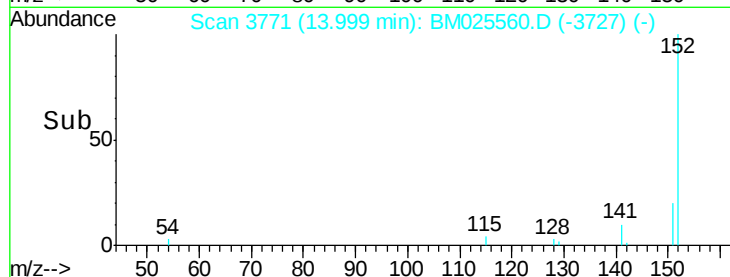
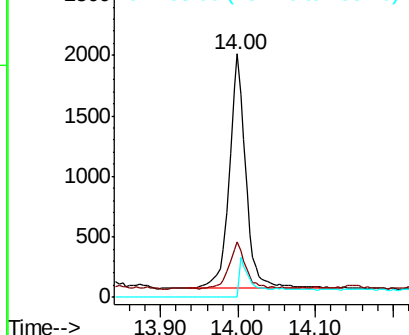
153 0.0 10.6 16.0#

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#8

Acenaphthene

Concen: 0.180 ng/ul

RT: 14.35 min Scan# 3862

Delta R.T. -0.00 min

Lab File: BM025560.D

Acq: 14 Mar 2020 03:15

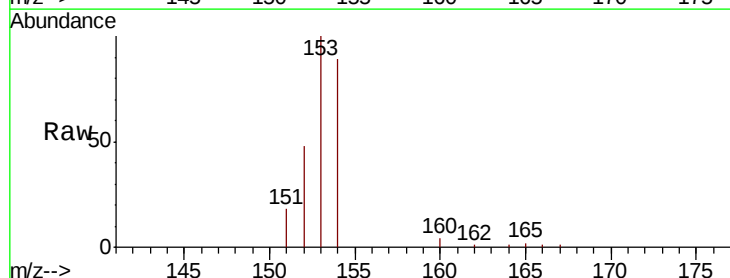
Tgt Ion:153 Resp: 7820

Ion Ratio Lower Upper

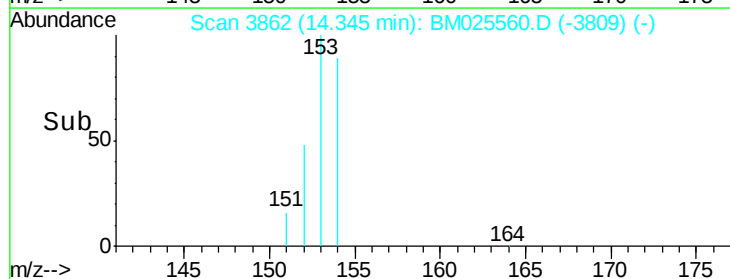
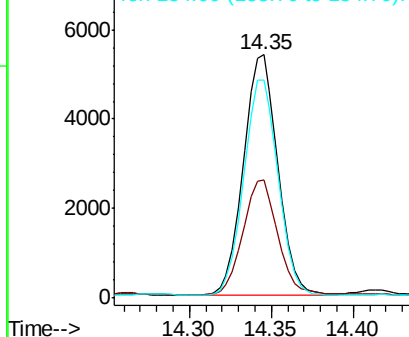
153 100

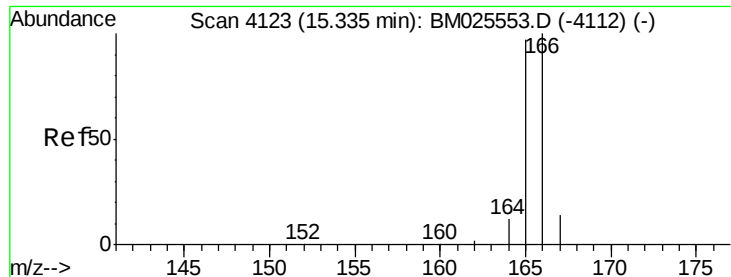
152 48.4 39.5 59.3

154 89.5 71.7 107.5



Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E





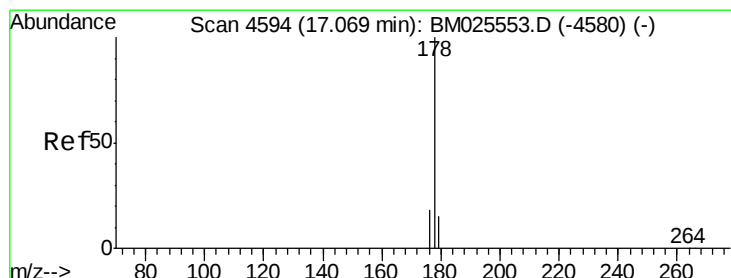
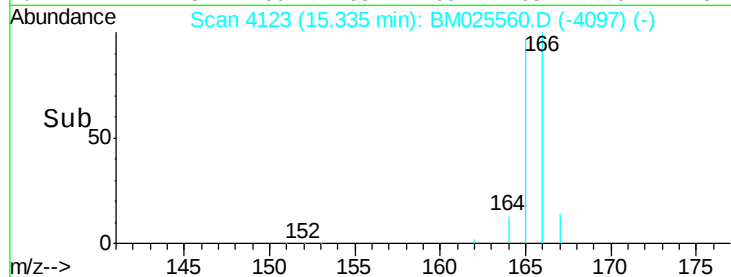
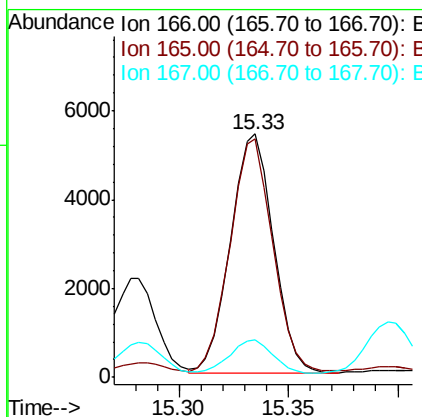
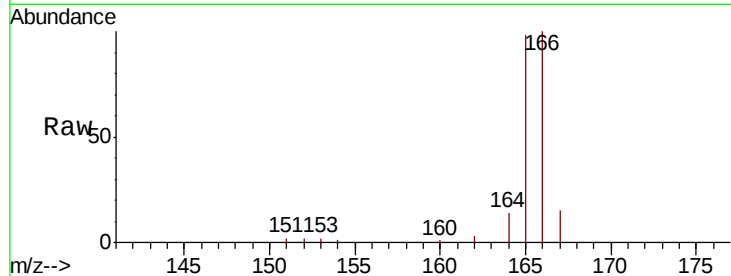
#9
Fluorene
 Concen: 0.139 ng/ul
 RT: 15.33 min Scan# 4123
 Delta R.T. -0.00 min
 Lab File: BM025560.D
 Acq: 14 Mar 2020 03:15

Instrument :
 BNA_M
 ClientSampleId :
 C0AC0

Tot Ion	Ratio	Lower	Upper
166	100		
165	97.9	76.8	115.2
167	15.5	11.2	16.8

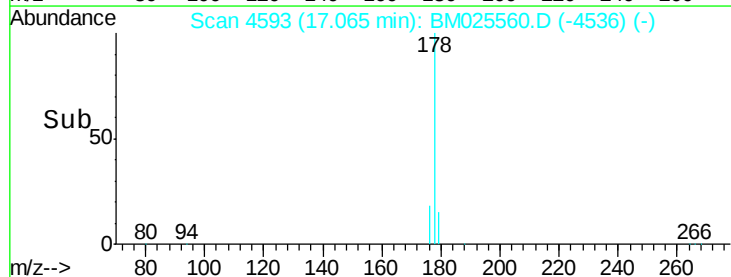
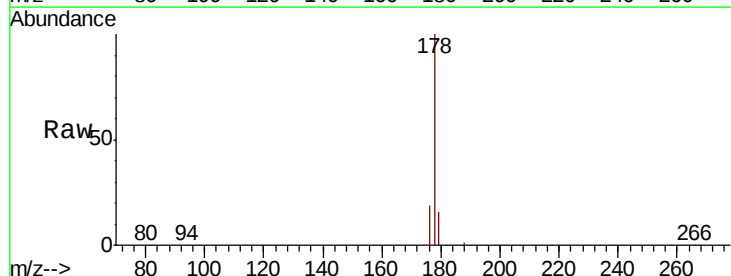
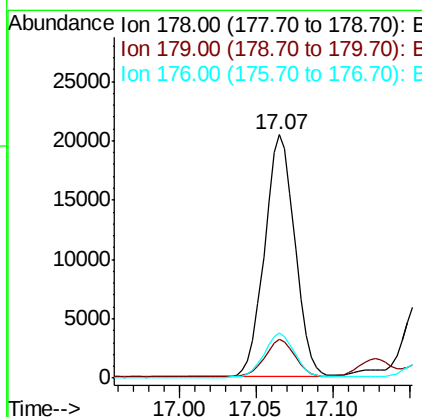
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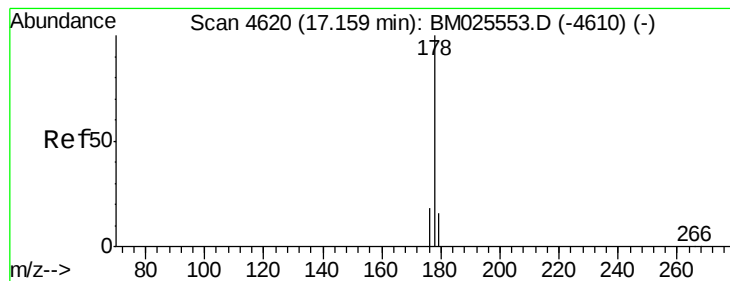
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#12
Phenanthrene
 Concen: 0.332 ng/ul
 RT: 17.07 min Scan# 4593
 Delta R.T. -0.00 min
 Lab File: BM025560.D
 Acq: 14 Mar 2020 03:15

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.4	18.6
176	18.7	14.8	22.2





#13

Anthracene

Concen: 0.129 ng/ul

RT: 17.16 min Scan# 4619

Delta R.T. -0.00 min

Lab File: BM025560.D

Acq: 14 Mar 2020 03:15

Instrument :

BNA_M

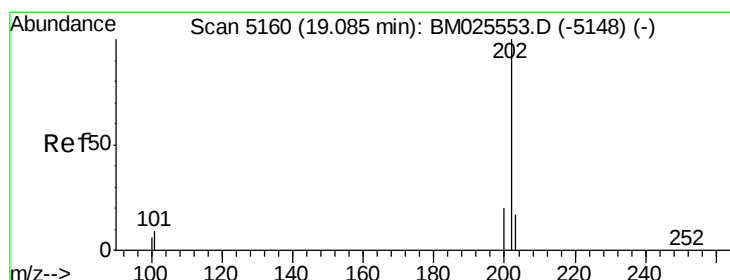
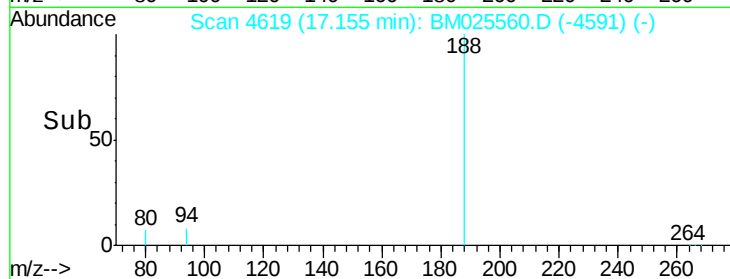
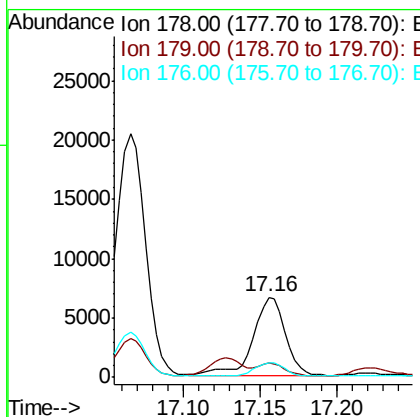
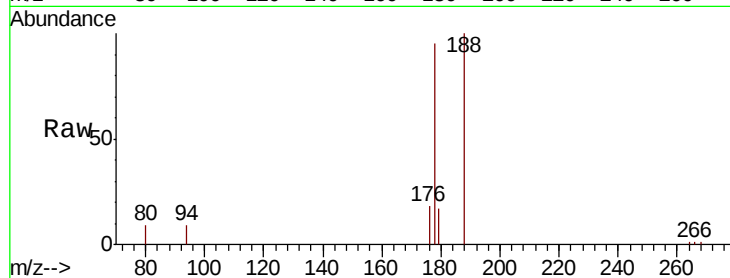
ClientSampled :

C0AC0

Tot Ion:	178	Resp:	9481
Ion Ratio	Lower	Upper	
178	100		
179	18.0	12.6	18.8
176	18.3	14.5	21.7

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#15

Fluoranthene

Concen: 0.701 ng/ul

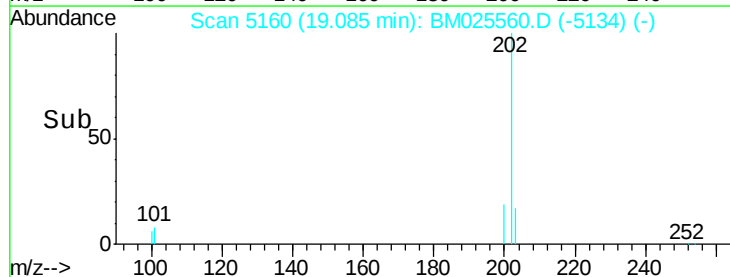
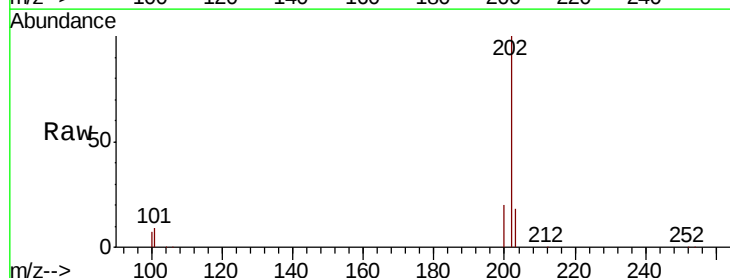
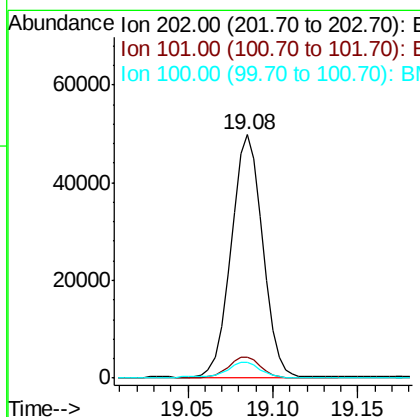
RT: 19.08 min Scan# 5160

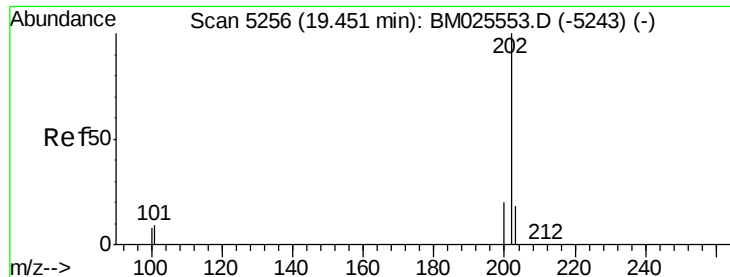
Delta R.T. -0.00 min

Lab File: BM025560.D

Acq: 14 Mar 2020 03:15

Tgt Ion:	202	Resp:	64151
Ion Ratio	Lower	Upper	
202	100		
101	8.7	0.0	27.5
100	6.6	0.0	26.0





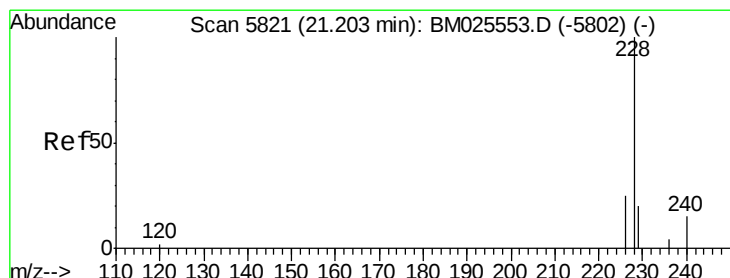
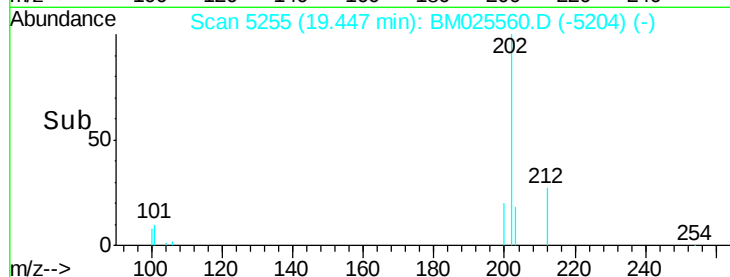
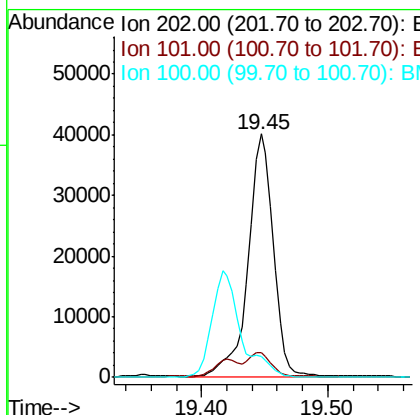
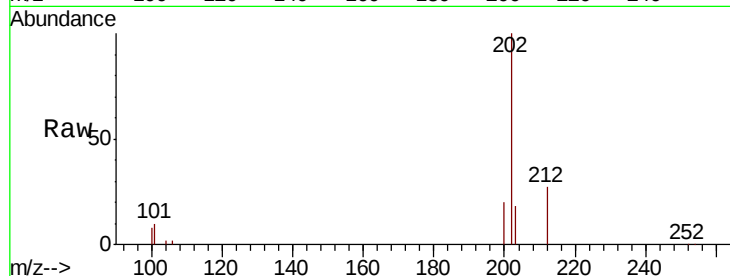
#17
Pvrene
Concen: 0.619 ng/ul
RT: 19.45 min Scan# 5255
Delta R.T. -0.00 min
Lab File: BM025560.D
Acq: 14 Mar 2020 03:15

Instrument :
BNA_M
ClientSampleId :
C0AC0

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.1	7.1	10.7
100	8.4	6.0	9.0

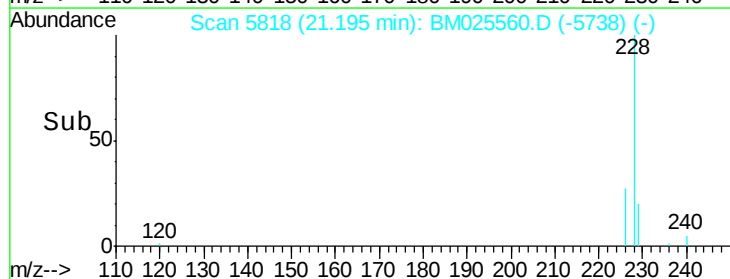
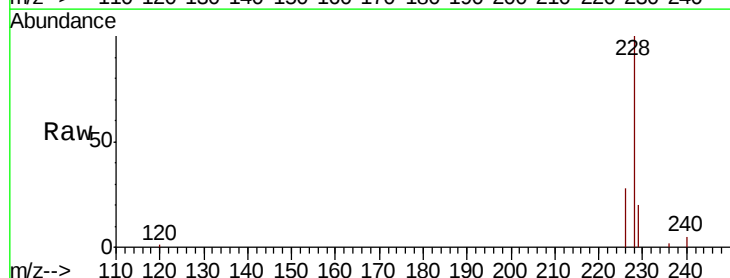
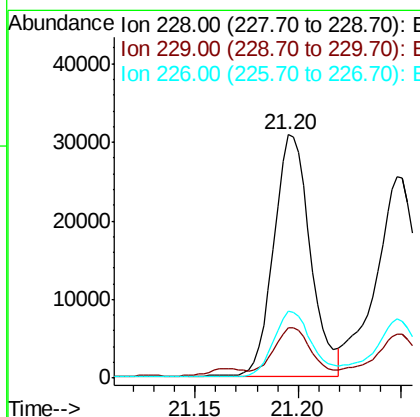
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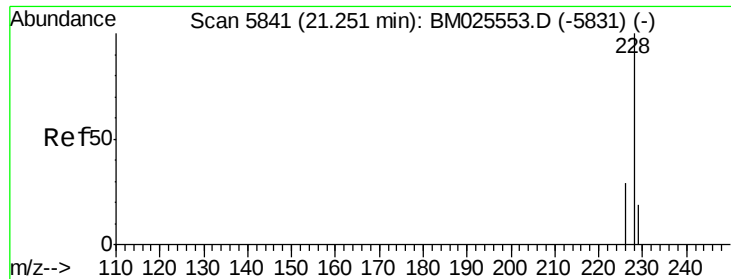
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#18
Benzo(a)anthracene
Concen: 0.535 ng/ul
RT: 21.20 min Scan# 5818
Delta R.T. -0.01 min
Lab File: BM025560.D
Acq: 14 Mar 2020 03:15

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.4	15.6	23.4
226	27.5	21.1	31.7





#19

Chrysene

Concen: 0.447 ng/ul

RT: 21.25 min Scan# 5840

Delta R.T. -0.00 min

Lab File: BM025560.D

Acq: 14 Mar 2020 03:15

Instrument :

BNA_M

ClientSampleId :

C0AC0

Tot Ion:228 Resp: 35788

Ion Ratio Lower Upper

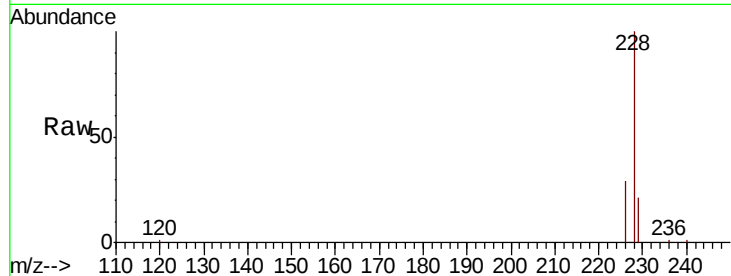
228 100

226 29.2 23.6 35.4

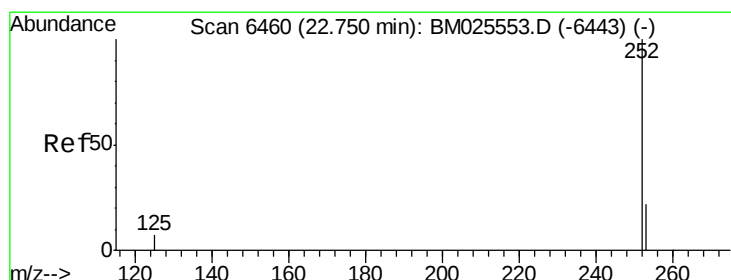
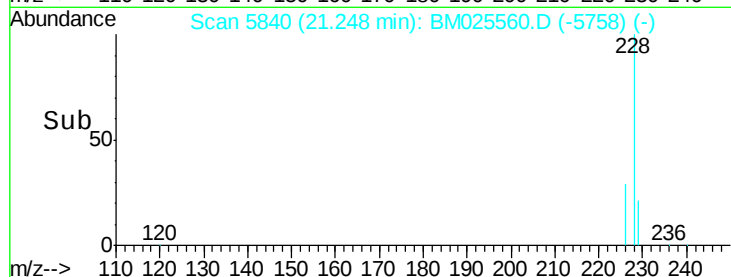
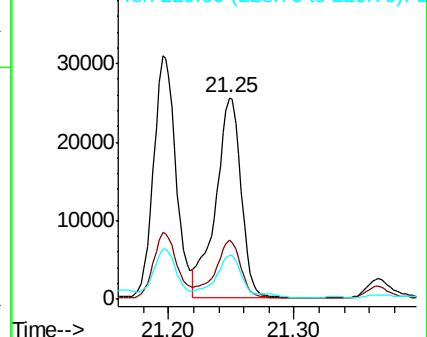
229 21.5 16.3 24.5

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#21

Benzo(b)fluoranthene

Concen: 0.531 ng/ul m

RT: 22.75 min Scan# 6459

Delta R.T. -0.00 min

Lab File: BM025560.D

Acq: 14 Mar 2020 03:15

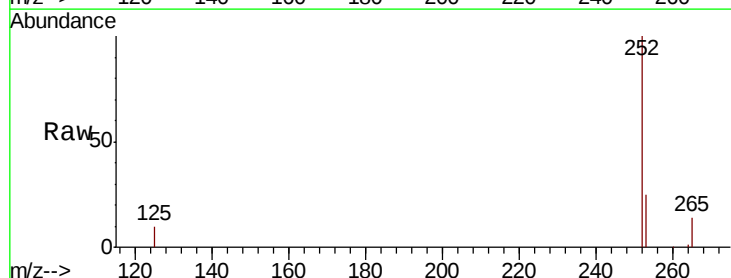
Tgt Ion:252 Resp: 38774

Ion Ratio Lower Upper

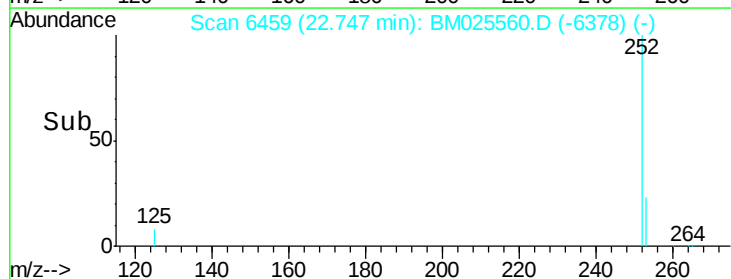
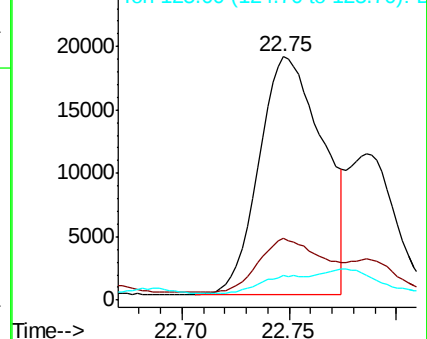
252 100

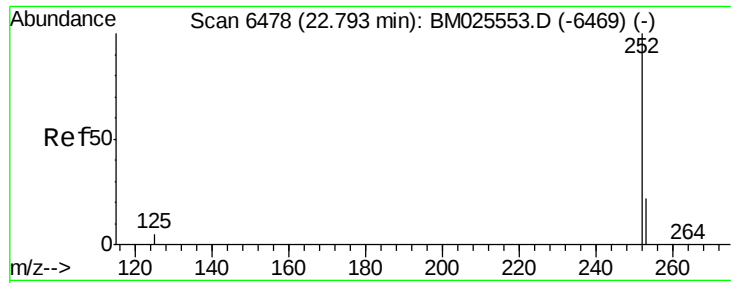
253 25.3 0.0 50.2

125 10.0 0.0 17.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





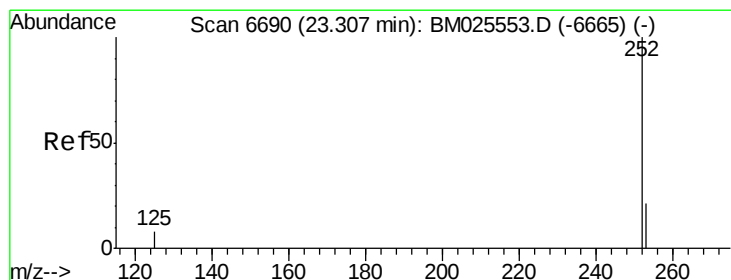
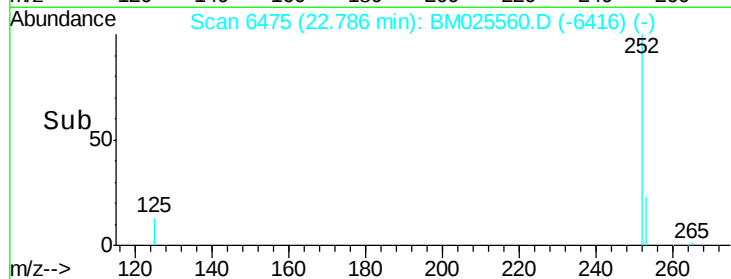
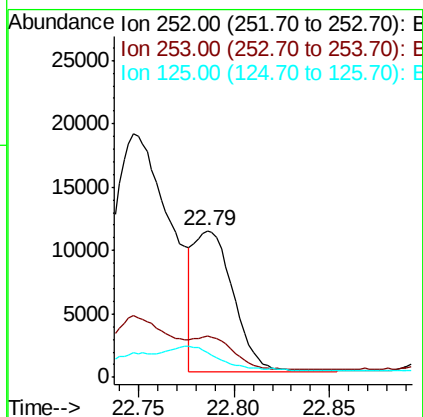
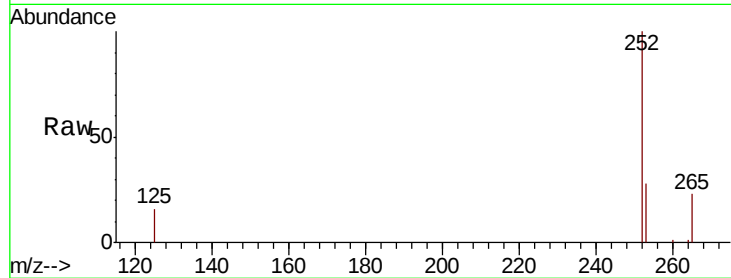
#22
Benzo(k)fluoranthene
Concen: 0.209 ng/ul m
RT: 22.79 min Scan# 6475
Delta R.T. -0.01 min
Lab File: BM025560.D
Acq: 14 Mar 2020 03:15

Instrument :
BNA_M
ClientSampleId :
C0AC0

Tot Ion	Ratio	Lower	Upper
252	100		
253	28.1	19.8	29.8
125	16.4	7.1	10.7

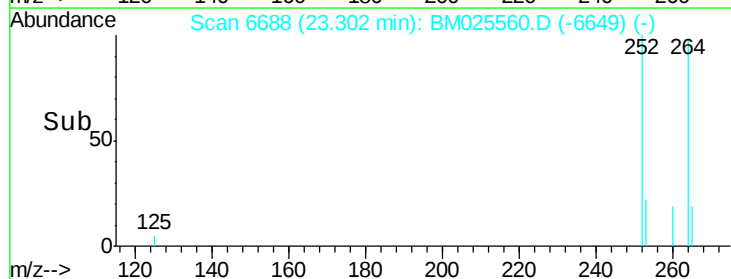
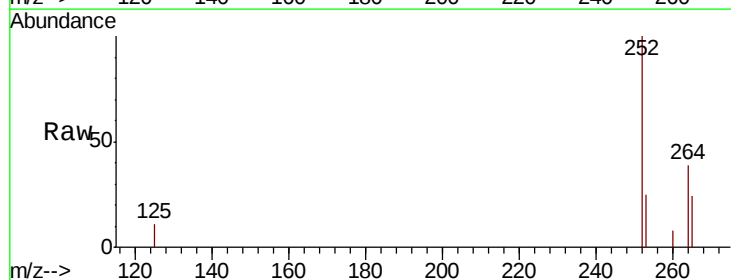
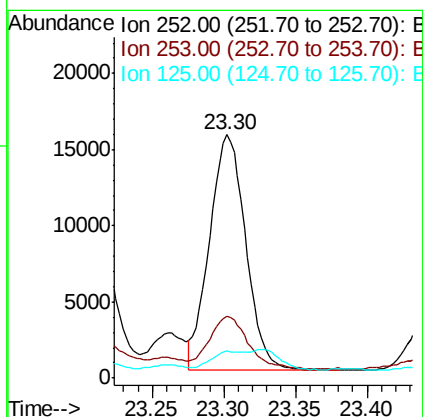
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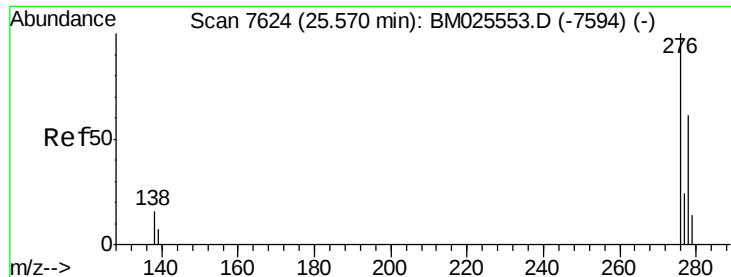
mohammad
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#23
Benzo(a)pyrene
Concen: 0.449 ng/ul
RT: 23.30 min Scan# 6688
Delta R.T. -0.00 min
Lab File: BM025560.D
Acq: 14 Mar 2020 03:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.3	21.3	31.9
125	11.0	8.5	12.7





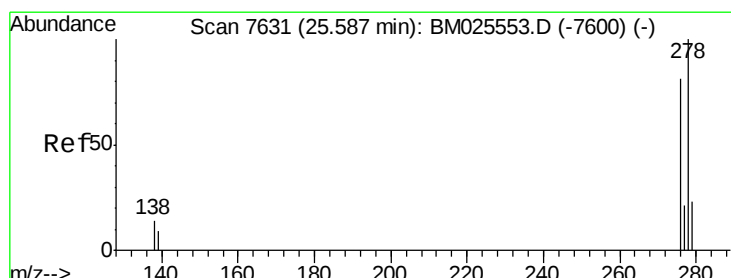
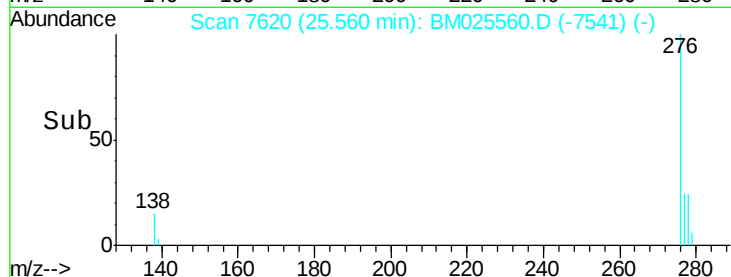
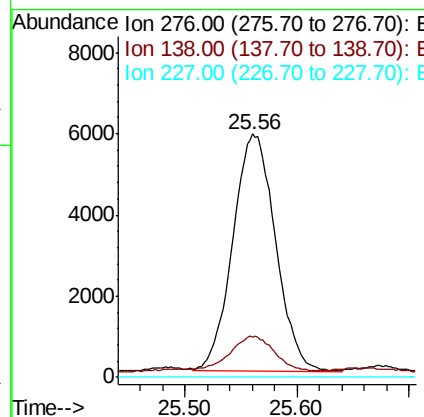
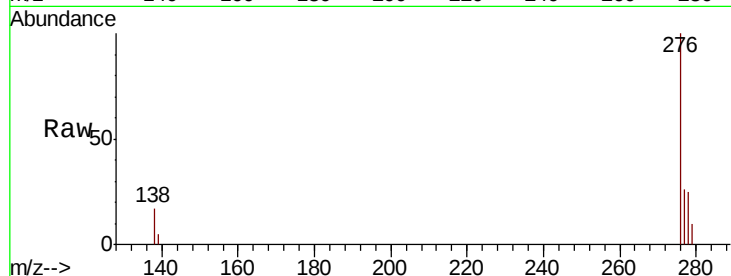
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.188 ng/u1
 RT: 25.56 min Scan# 7620
 Delta R.T. -0.01 min
 Lab File: BM025560.D
 Acq: 14 Mar 2020 03:15

Instrument :
 BNA_M
 ClientSampleId :
 C0AC0

Tot Ion	Ratio	Lower	Upper
276	100		
138	15.2	12.3	18.5
227	0.0	0.0	0.0

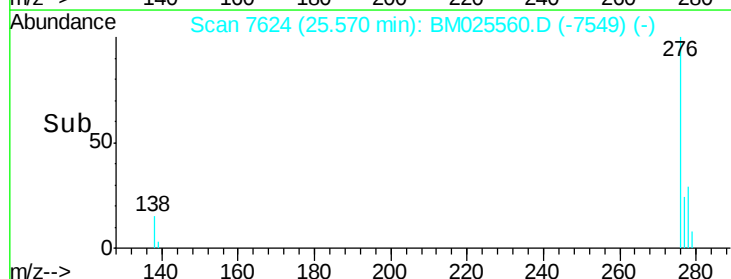
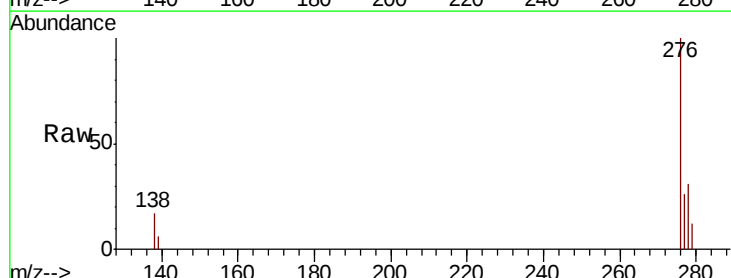
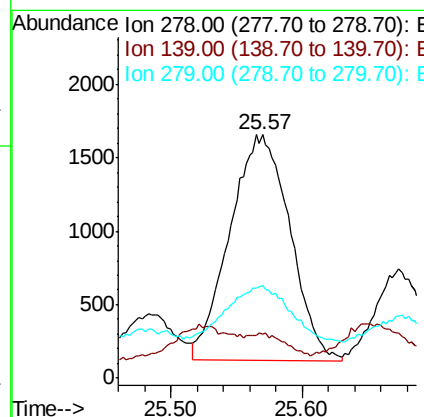
Manual Integrations
 APPROVED

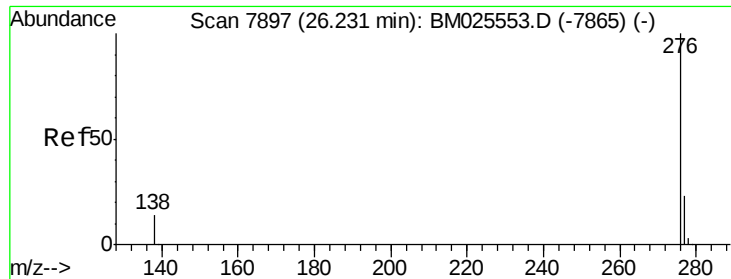
mohammad
 3/16/2020 1:52:49 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.071 ng/u1
 RT: 25.57 min Scan# 7624
 Delta R.T. -0.02 min
 Lab File: BM025560.D
 Acq: 14 Mar 2020 03:15

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.9	9.0	13.6#
279	38.1	21.1	31.7#





#26

Benzo(a,h,i)perylene

Concen: 0.188 ng/ul

RT: 26.22 min Scan# 7893

Delta R.T. -0.01 min

Lab File: BM025560.D

Acq: 14 Mar 2020 03:15

Instrument :

BNA_M

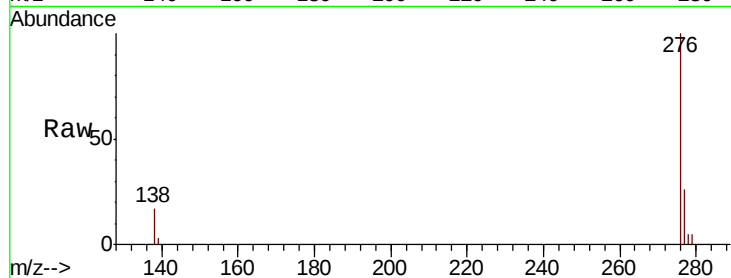
ClientSampleId :

C0AC0

Tot Ion:	276	Resp:	13395
Ion Ratio	Lower	Upper	
276	100		
138	16.6	11.0	16.4#
277	25.5	19.8	29.6

Manual Integrations
APPROVED

mohammad
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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

