

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031320\
 Data File : BM025554.D
 Acq On : 13 Mar 2020 23:38
 Operator : CG/JU
 Sample : L1786-09
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AC5

Manual Integrations
 APPROVED

mohammad
 3/16/2020 1:52:32 PM

Quant Time: Mar 16 06:53:01 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	2997	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	12763	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.28	164	10893	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.03	188	23170	0.40	ng/ul	0.00
16) Chrysene-d12	21.21	240	22111	0.40	ng/ul	0.00
20) Perylene-d12	23.40	264	19575	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	987	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.06	212	3836	0.06	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.47	128	800570	21.189	ng/ul	98
5) 2-Methylnaphthalene	12.09	142	373100	13.816	ng/ul	100
7) Acenaphthylene	14.00	152	71907	1.616	ng/ul#	86
8) Acenaphthene	14.34	153	402503	10.311	ng/ul	98
9) Fluorene	15.33	166	756897	15.912	ng/ul	99
12) Phenanthrene	17.07	178	3165075	43.105	ng/ul	100
13) Anthracene	17.16	178	2213293	34.637	ng/ul	99
15) Fluoranthene	19.09	202	3319366	41.702	ng/ul	99
17) Pyrene	19.45	202	2257355	22.746	ng/ul	97
18) Benzo(a)anthracene	21.20	228	1047011	13.244	ng/ul	99
19) Chrysene	21.25	228	897980	10.115	ng/ul	98
21) Benzo(b)fluoranthene	22.75	252	825522m	10.650	ng/ul	
22) Benzo(k)fluoranthene	22.79	252	308926m	3.804	ng/ul	
23) Benzo(a)pyrene	23.30	252	483996	7.519	ng/ul#	92
24) Indeno(1,2,3-cd)pyrene	25.56	276	241158	2.762	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.57	278	79175	1.078	ng/ul	99
26) Benzo(a,h,i)perylene	26.22	276	146331	1.932	ng/ul	98

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

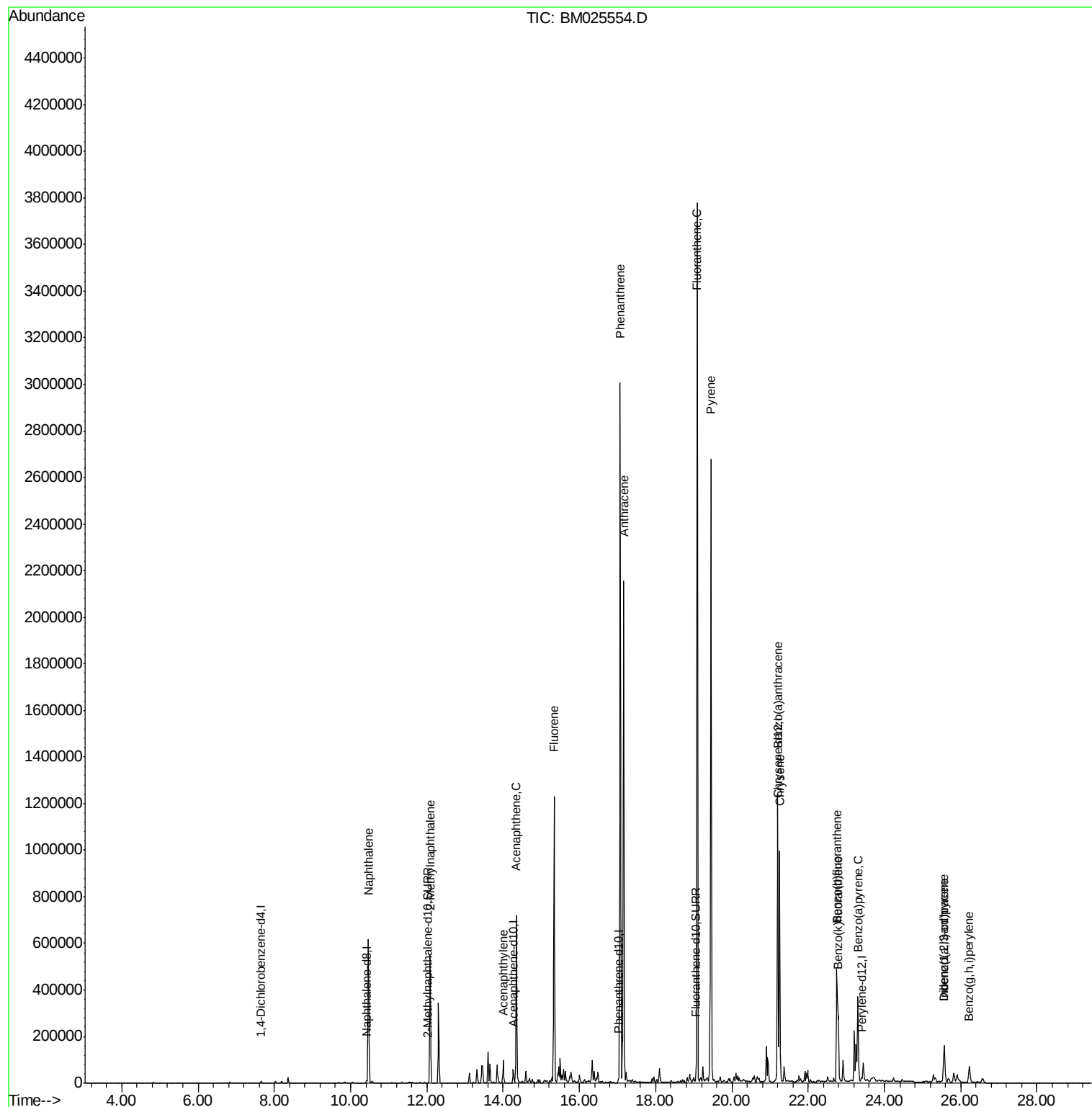
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031320\
Data File : BM025554.D
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ALS Vial : 13 Sample Multiplier: 1

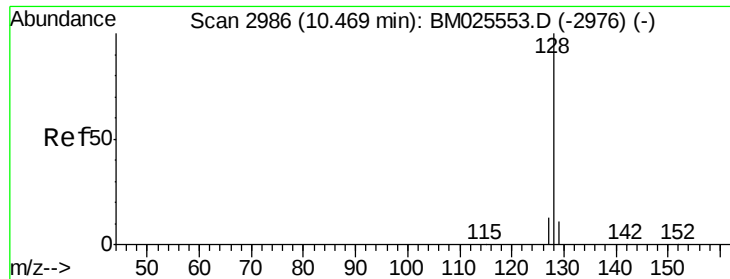
Instrument :
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Quant Time: Mar 16 06:53:01 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 16 06:44:28 2020
Response via : Initial Calibration





#3

Naphthalene

Concen: 21.189 ng/ul

RT: 10.47 min Scan# 2985

Delta R.T. -0.00 min

Lab File: BM025554.D

Acq: 13 Mar 2020 23:38

Instrument :

BNA_M

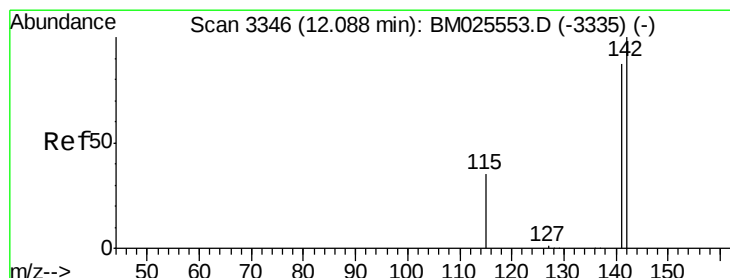
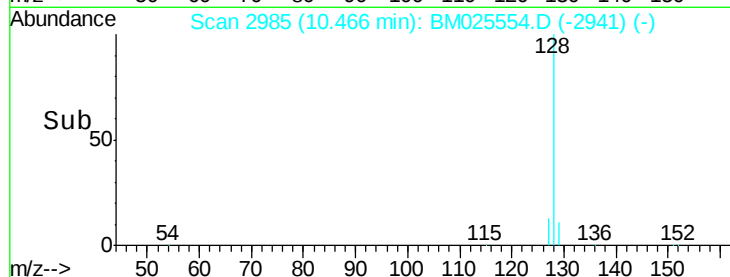
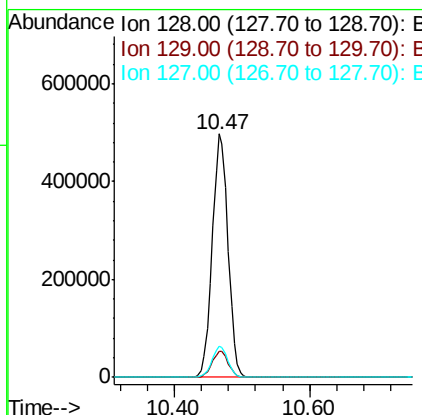
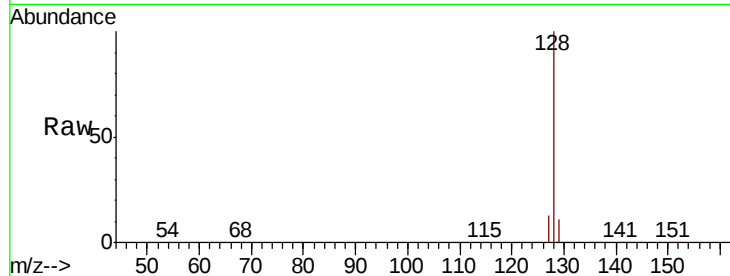
ClientSampleId :

C0AC5

Tot Ion:	128	Resp:	800570
Ion Ratio	Lower	Upper	
128	100		
129	10.9	9.4	14.0
127	12.8	10.9	16.3

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#5

2-Methylnaphthalene

Concen: 13.816 ng/ul

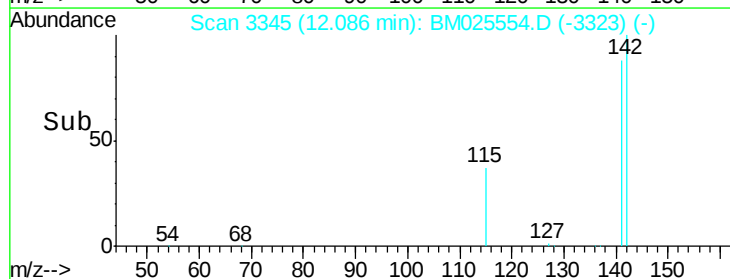
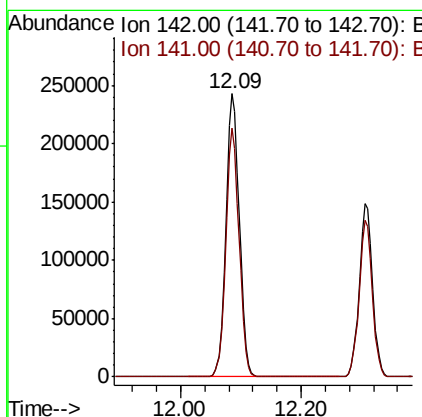
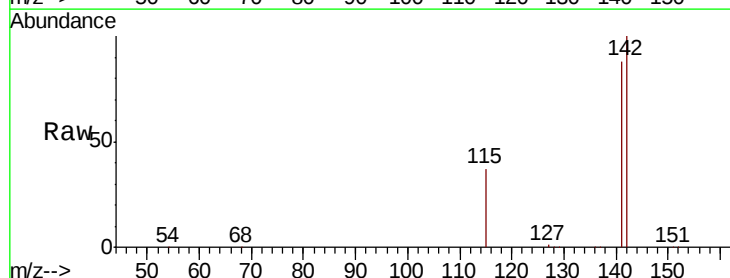
RT: 12.09 min Scan# 3345

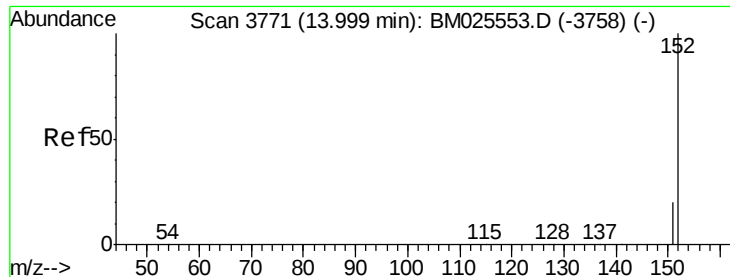
Delta R.T. -0.00 min

Lab File: BM025554.D

Acq: 13 Mar 2020 23:38

Tgt Ion:	142	Resp:	373100
Ion Ratio	Lower	Upper	
142	100		
141	87.2	69.8	104.6





#7

Acenaphthylene

Concen: 1.616 ng/ul

RT: 14.00 min Scan# 3771

Delta R.T. 0.00 min

Lab File: BM025554.D

Acq: 13 Mar 2020 23:38

Instrument :

BNA_M

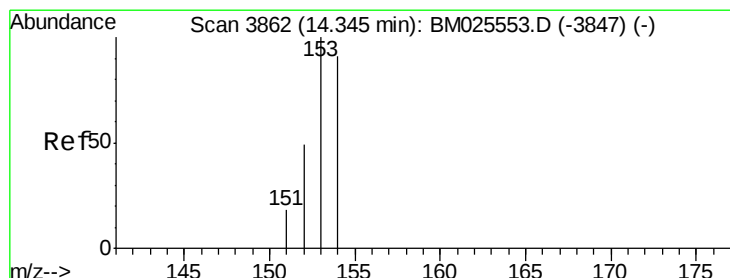
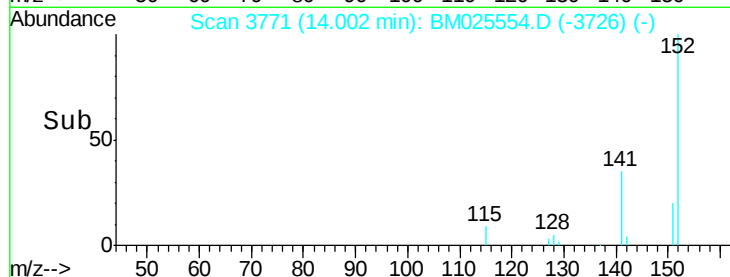
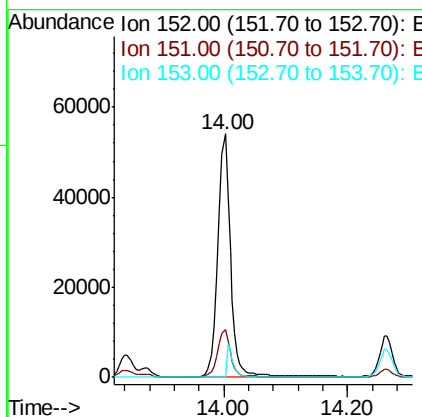
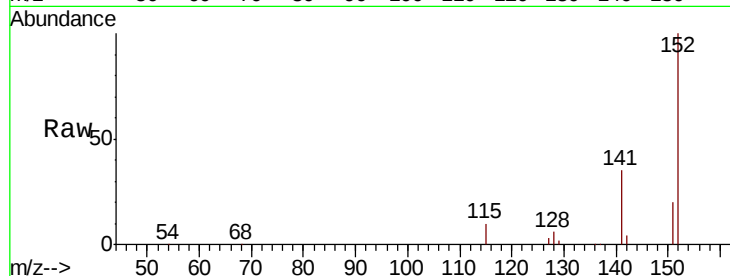
ClientSampleId :

C0AC5

Tot Ion:	152	Resp:	71907
Ion Ratio	Lower	Upper	
152	100		
151	19.7	16.2	24.2
153	0.0	10.6	16.0#

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#8

Acenaphthene

Concen: 10.311 ng/ul

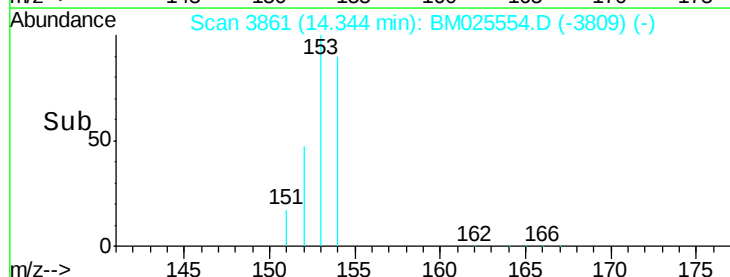
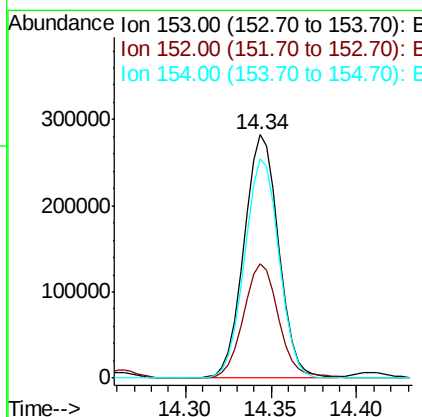
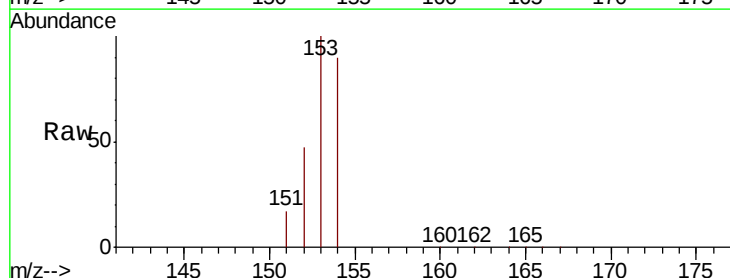
RT: 14.34 min Scan# 3861

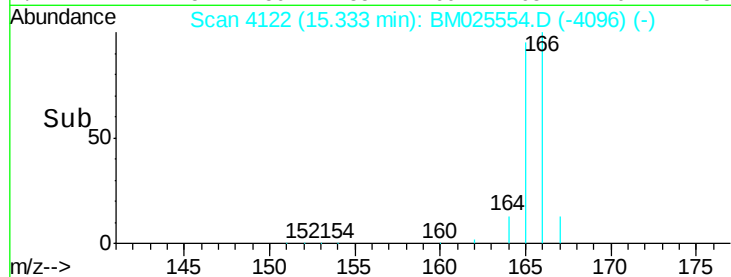
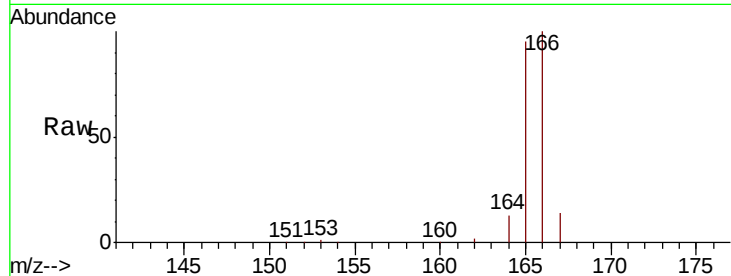
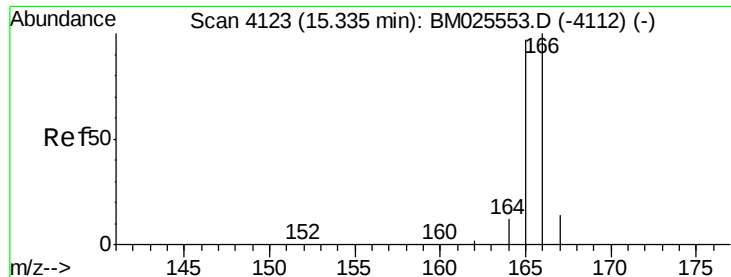
Delta R.T. -0.00 min

Lab File: BM025554.D

Acq: 13 Mar 2020 23:38

Tgt Ion:	153	Resp:	402503
Ion Ratio	Lower	Upper	
153	100		
152	46.7	39.5	59.3
154	90.2	71.7	107.5





#9

Fluorene

Concen: 15.912 ng/ul

RT: 15.33 min Scan# 4122

Delta R.T. -0.00 min

Lab File: BM025554.D

Acq: 13 Mar 2020 23:38

Tot Ion:	166	Resp:	756897
Ion Ratio	Lower	Upper	
166	100		
165	95.4	76.8	115.2
167	13.8	11.2	16.8

Instrument :

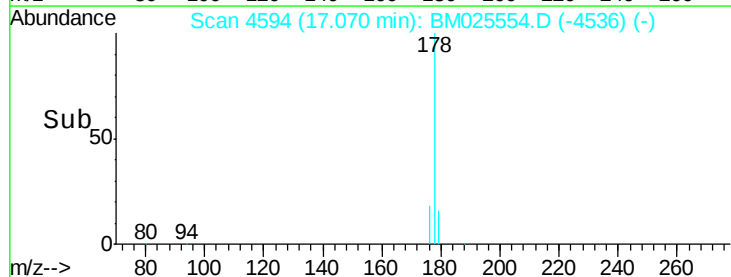
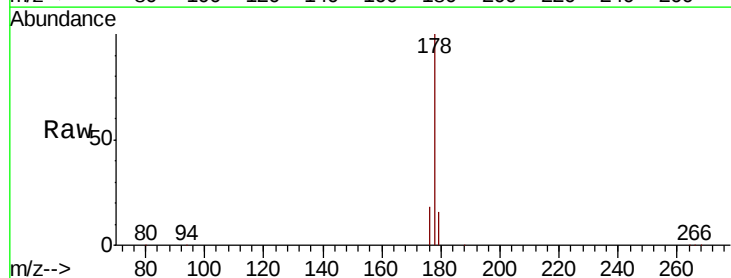
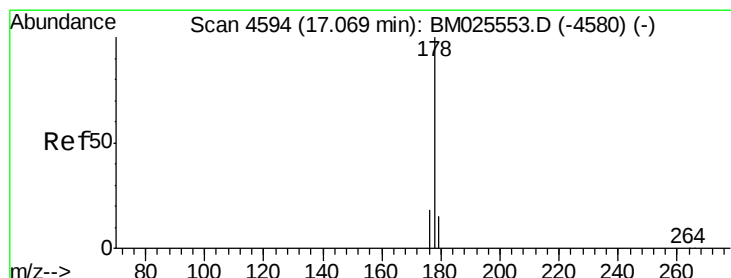
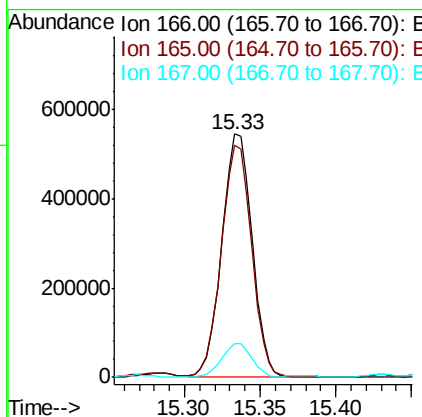
BNA_M

ClientSampleId :

C0AC5

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#12

Phenanthrene

Concen: 43.105 ng/ul

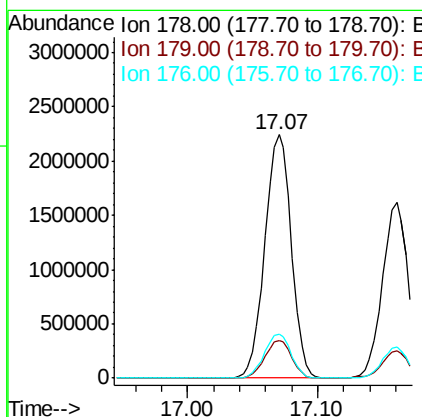
RT: 17.07 min Scan# 4594

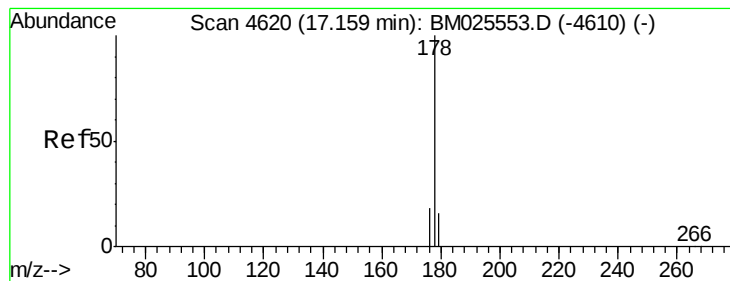
Delta R.T. 0.00 min

Lab File: BM025554.D

Acq: 13 Mar 2020 23:38

Tgt Ion:	178	Resp:	3165075
Ion Ratio	Lower	Upper	
178	100		
179	15.7	12.4	18.6
176	18.3	14.8	22.2





#13

Anthracene

Concen: 34.637 ng/ul

RT: 17.16 min Scan# 4620

Delta R.T. 0.00 min

Lab File: BM025554.D

Acq: 13 Mar 2020 23:38

Instrument :

BNA_M

ClientSampleId :

C0AC5

Tot Ion:178 Resp: 2213293

Ion Ratio Lower Upper

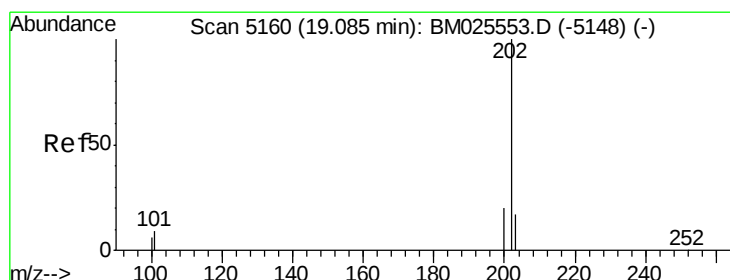
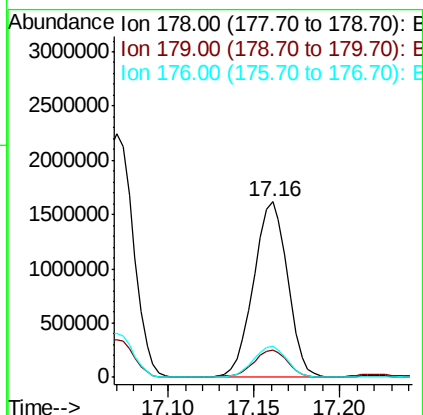
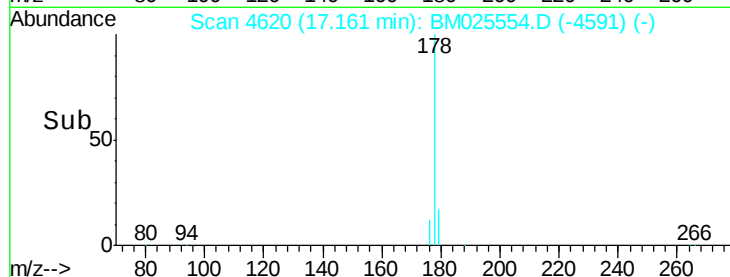
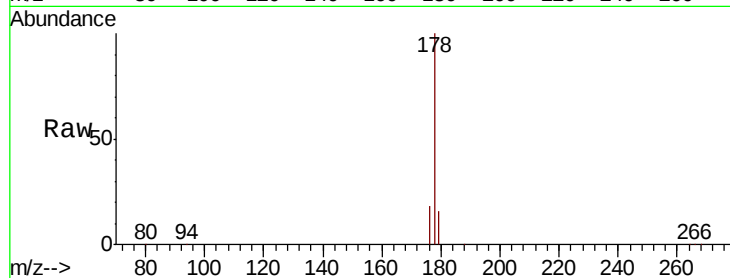
178 100

179 15.7 12.6 18.8

176 17.6 14.5 21.7

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#15

Fluoranthene

Concen: 41.702 ng/ul

RT: 19.09 min Scan# 5161

Delta R.T. 0.01 min

Lab File: BM025554.D

Acq: 13 Mar 2020 23:38

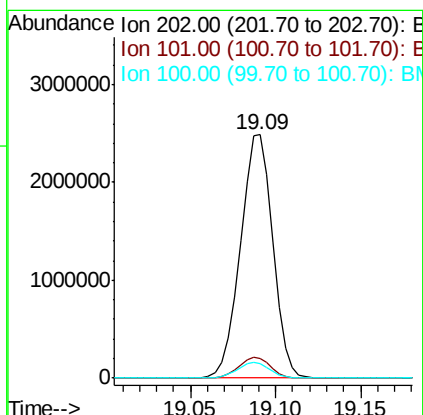
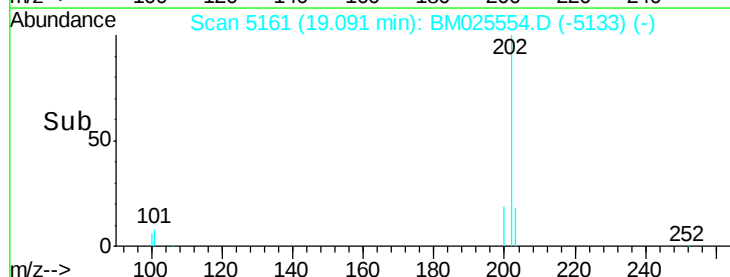
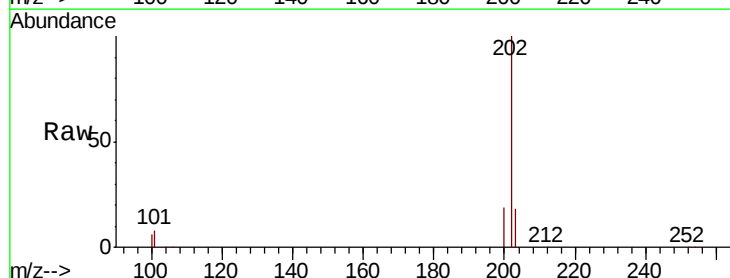
Tgt Ion:202 Resp: 3319366

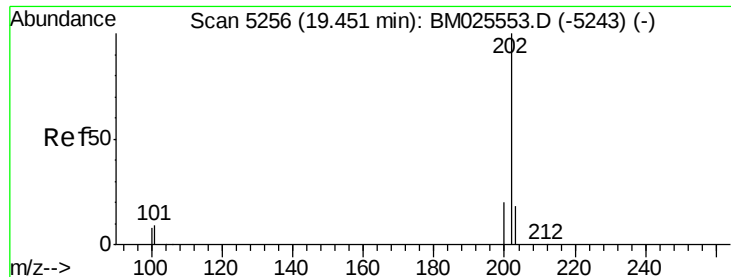
Ion Ratio Lower Upper

202 100

101 8.2 0.0 27.5

100 6.2 0.0 26.0





#17

Pvrene

Concen: 22.746 ng/ul

RT: 19.45 min Scan# 5255

Delta R.T. -0.00 min

Lab File: BM025554.D

Acq: 13 Mar 2020 23:38

Instrument :

BNA_M

ClientSampleId :

C0AC5

Tot Ion:202 Resp: 2257355

Ion Ratio Lower Upper

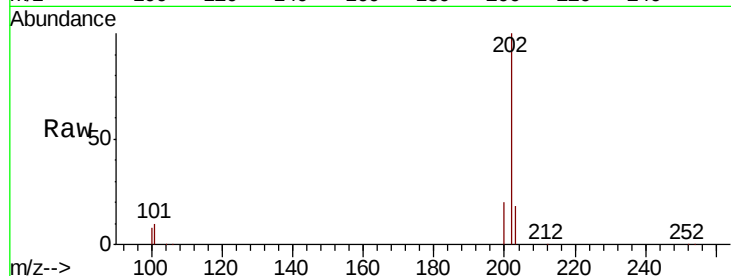
202 100

101 10.0 7.1 10.7

100 8.2 6.0 9.0

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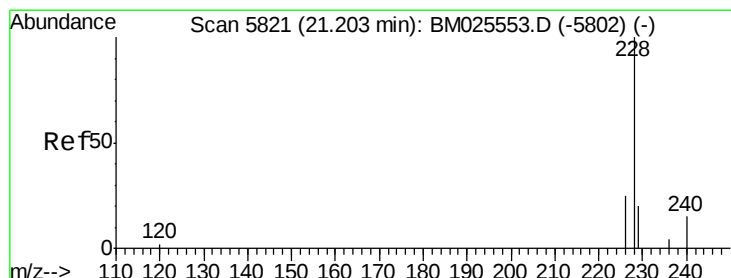
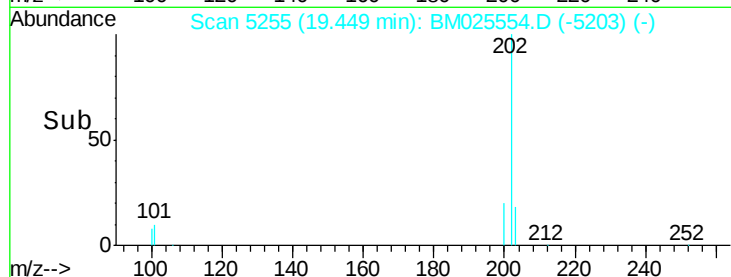
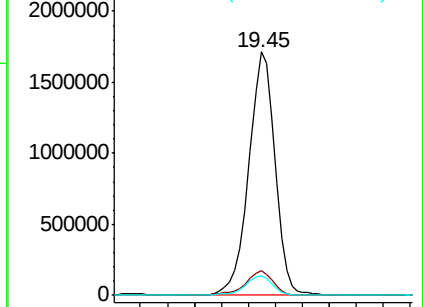
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#18

Benzo(a)anthracene

Concen: 13.244 ng/ul

RT: 21.20 min Scan# 5818

Delta R.T. -0.01 min

Lab File: BM025554.D

Acq: 13 Mar 2020 23:38

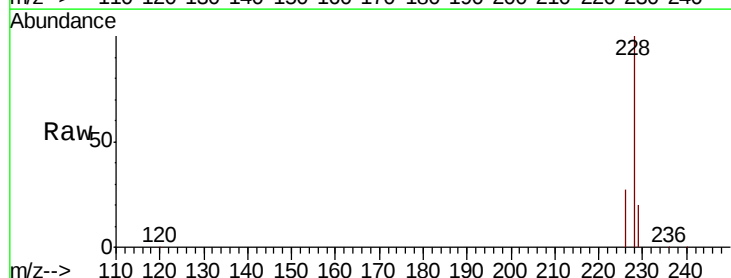
Tgt Ion:228 Resp: 1047011

Ion Ratio Lower Upper

228 100

229 20.3 15.6 23.4

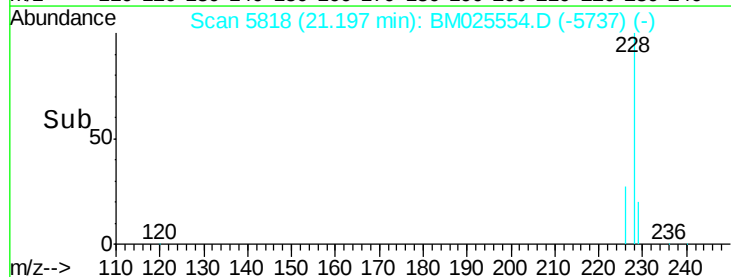
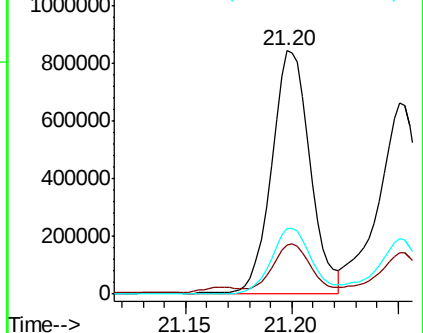
226 26.8 21.1 31.7

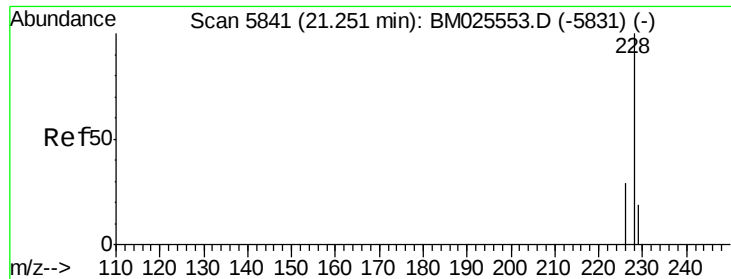


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 10.115 ng/ul

RT: 21.25 min Scan# 5840

Delta R.T. -0.00 min

Lab File: BM025554.D

Acq: 13 Mar 2020 23:38

Instrument :

BNA_M

ClientSampled :

C0AC5

Tot Ion:228 Resp: 897980

Ion Ratio Lower Upper

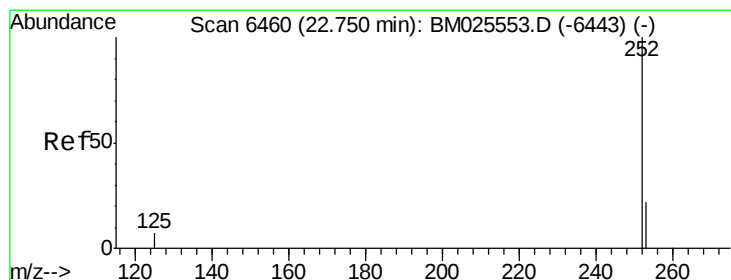
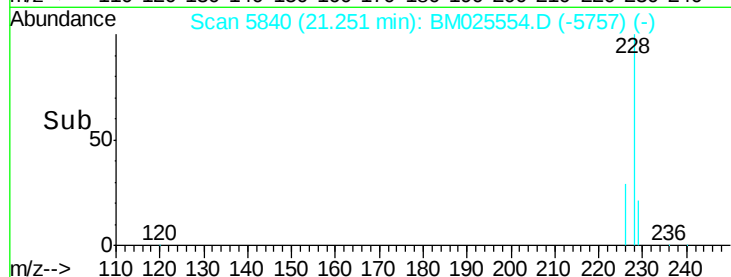
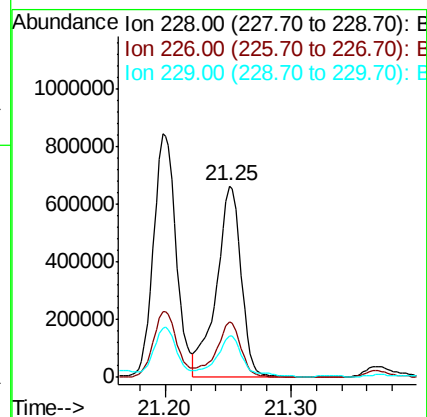
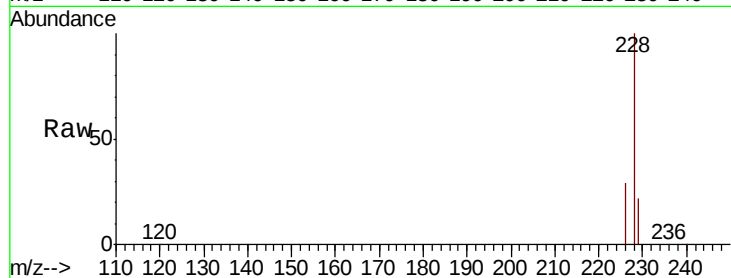
228 100

226 28.8 23.6 35.4

229 21.6 16.3 24.5

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#21

Benzo(b)fluoranthene

Concen: 10.650 ng/ul m

RT: 22.75 min Scan# 6460

Delta R.T. 0.00 min

Lab File: BM025554.D

Acq: 13 Mar 2020 23:38

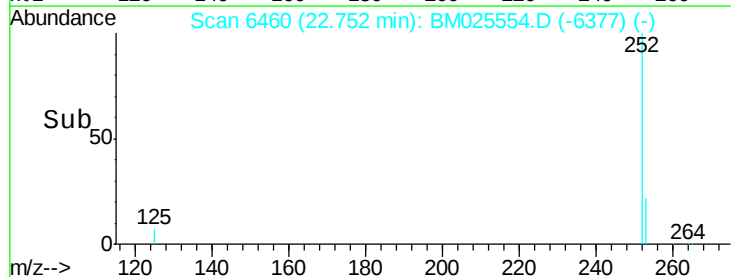
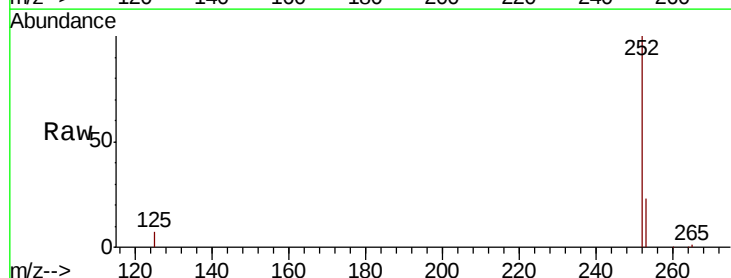
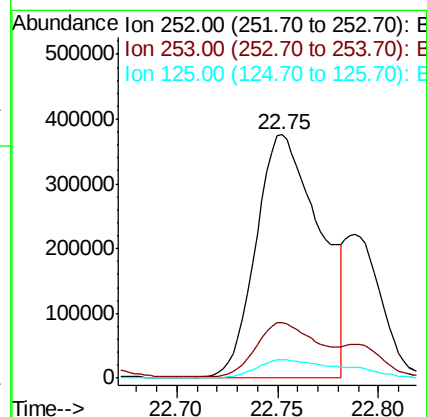
Tgt Ion:252 Resp: 825522

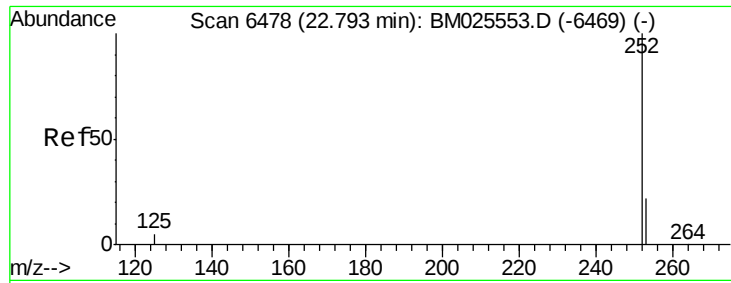
Ion Ratio Lower Upper

252 100

253 22.7 0.0 50.2

125 7.3 0.0 17.6





#22

Benzo(k)fluoranthene

Concen: 3.804 ng/ul

RT: 22.79 min Scan# 6475

Delta R.T. -0.01 min

Lab File: BM025554.D

Acq: 13 Mar 2020 23:38

Instrument :

BNA_M

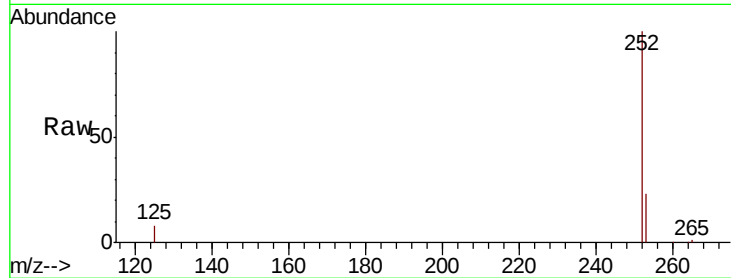
ClientSampleId :

C0AC5

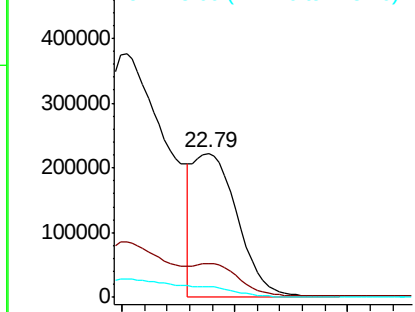
Tot Ion:	252	Resp:	308926
Ion Ratio	Lower	Upper	
252	100		
253	23.5	19.8	29.8
125	7.6	7.1	10.7

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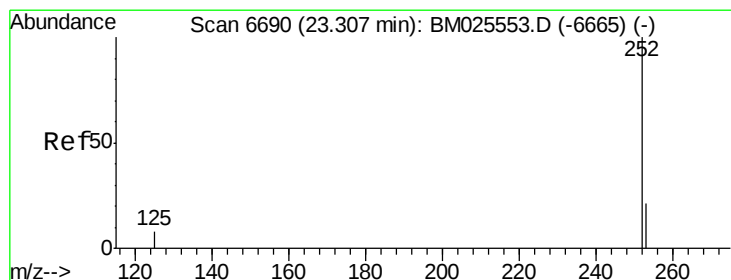
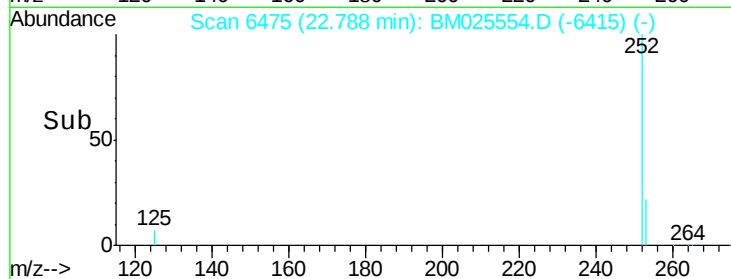
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



Time--> 22.75 22.80 22.85



#23

Benzo(a)pyrene

Concen: 7.519 ng/ul

RT: 23.30 min Scan# 6688

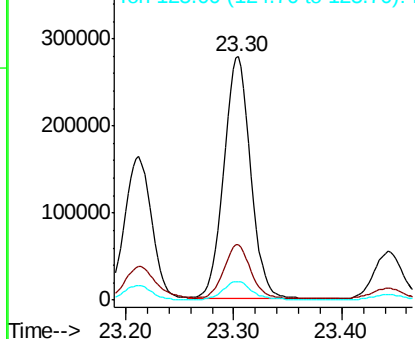
Delta R.T. -0.00 min

Lab File: BM025554.D

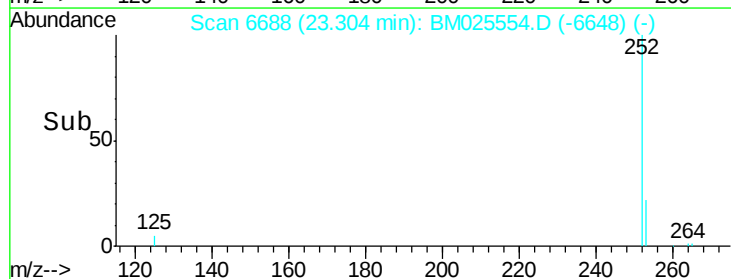
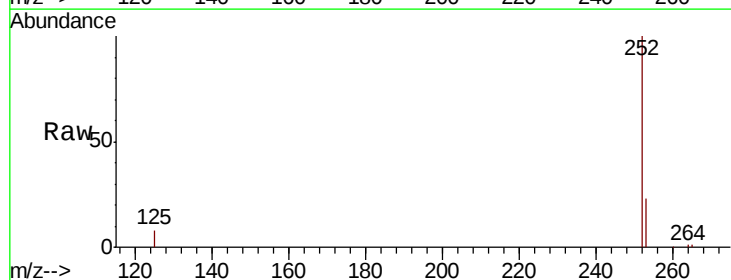
Acq: 13 Mar 2020 23:38

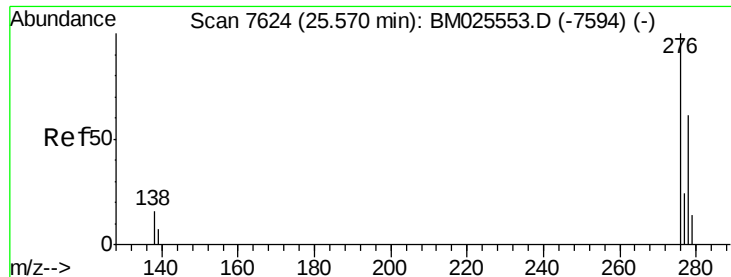
Tgt Ion:	252	Resp:	483996
Ion Ratio	Lower	Upper	
252	100		
253	22.6	21.3	31.9
125	7.7	8.5	12.7#

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



Time--> 23.20 23.30 23.40





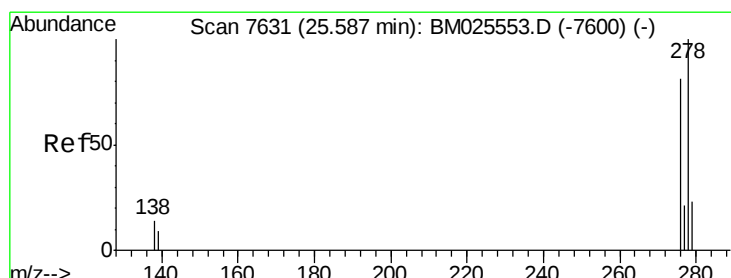
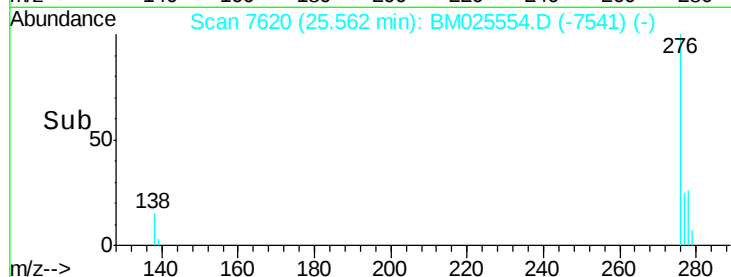
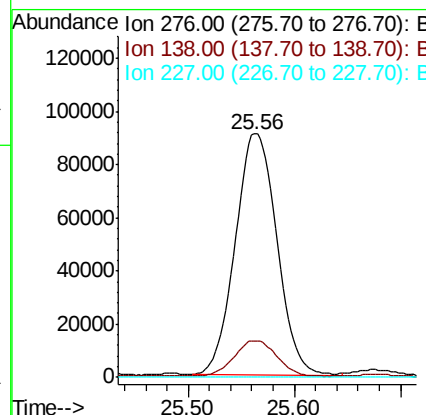
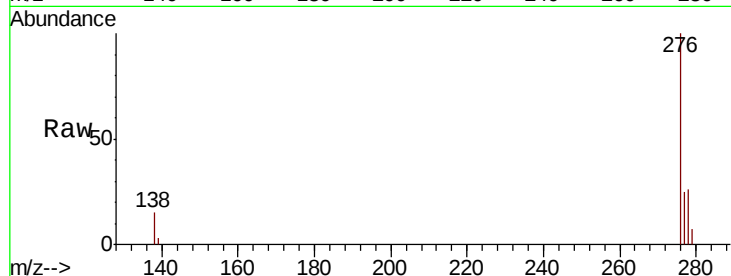
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 2.762 ng/ul
 RT: 25.56 min Scan# 7620
 Delta R.T. -0.01 min
 Lab File: BM025554.D
 Acq: 13 Mar 2020 23:38

Instrument :
 BNA_M
 ClientSampleId :
 C0AC5

Tot Ion	Ratio	Lower	Upper
276	100		
138	15.3	12.3	18.5
227	0.0	0.0	0.0

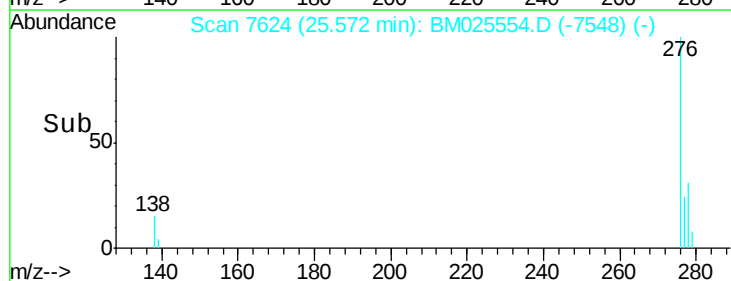
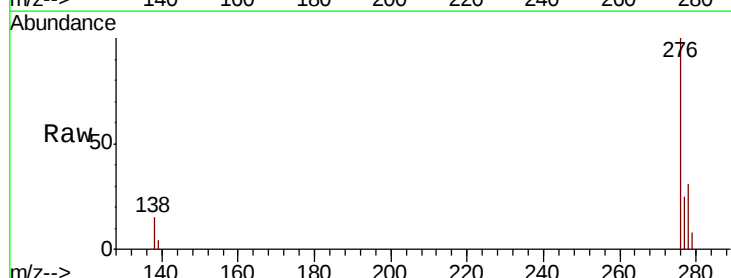
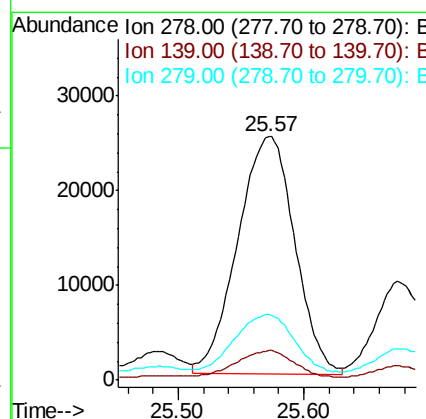
Manual Integrations
 APPROVED

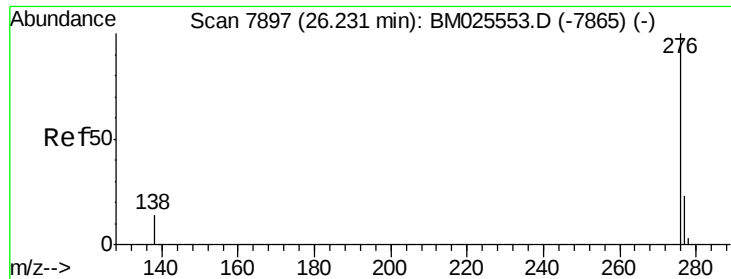
mohammad
 3/16/2020 1:52:32 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 1.078 ng/ul
 RT: 25.57 min Scan# 7624
 Delta R.T. -0.01 min
 Lab File: BM025554.D
 Acq: 13 Mar 2020 23:38

Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.1	9.0	13.6
279	26.8	21.1	31.7





#26
 Benzo(a,h,i)perylene
 Concen: 1.932 ng/ul
 RT: 26.22 min Scan# 7893
 Delta R.T. -0.01 min
 Lab File: BM025554.D
 Acq: 13 Mar 2020 23:38

Instrument :
 BNA_M
 ClientSampleId :
 C0AC5

Tot Ion	Ratio	Lower	Upper
276	100		
138	15.0	11.0	16.4
277	24.2	19.8	29.6

Manual Integrations
 APPROVED

mohammad
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