

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031320\
 Data File : BM025558.D
 Acq On : 14 Mar 2020 02:03
 Operator : CG/JU
 Sample : L1786-14
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AD0

Manual Integrations
 APPROVED

mohammad
 3/16/2020 1:52:44 PM

Quant Time: Mar 16 07:06:31 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	7.66	152	3847	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	17172	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.28	164	11471	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.02	188	23316	0.40	ng/ul	0.00
16) Chrysene-d12	21.21	240	15984	0.40	ng/ul	0.00
20) Perylene-d12	23.40	264	17019	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	2351	0.08	ng/ul	0.00
14) Fluoranthene-d10	19.05	212	5199	0.08	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.47	128	28836	0.567	ng/ul	100
5) 2-Methylnaphthalene	12.09	142	11140	0.307	ng/ul	99
7) Acenaphthylene	14.00	152	25792	0.550	ng/ul#	87
8) Acenaphthene	14.35	153	44091	1.073	ng/ul	98
9) Fluorene	15.33	166	69214	1.382	ng/ul	99
12) Phenanthrene	17.07	178	916342	12.401	ng/ul	100
13) Anthracene	17.16	178	239135	3.719	ng/ul	99
15) Fluoranthene	19.09	202	1932346	24.124	ng/ul	98
17) Pyrene	19.45	202	1484362	20.690	ng/ul	99
18) Benzo(a)anthracene	21.20	228	833642	14.588	ng/ul	99
19) Chrysene	21.25	228	748117	11.658	ng/ul	97
21) Benzo(b)fluoranthene	22.75	252	927098m	13.757	ng/ul	
22) Benzo(k)fluoranthene	22.79	252	351388m	4.976	ng/ul	
23) Benzo(a)pyrene	23.30	252	631032	11.276	ng/ul#	93
24) Indeno(1,2,3-cd)pyrene	25.57	276	401232	5.285	ng/ul#	99
25) Dibenzo(a,h)anthracene	25.57	278	118596	1.857	ng/ul	99
26) Benzo(a,h,i)perylene	26.22	276	275975	4.190	ng/ul	98

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

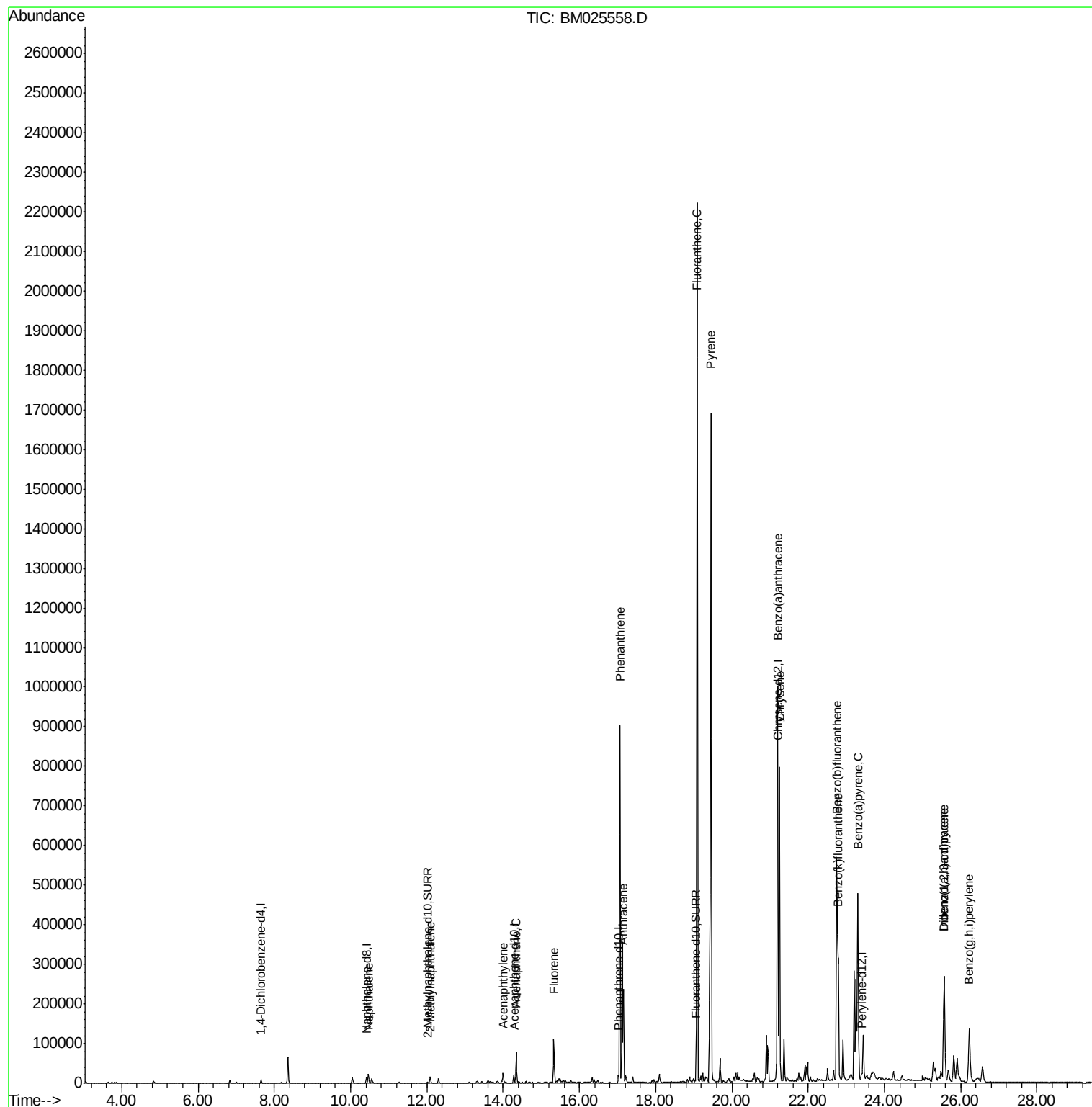
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031320\
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ALS Vial : 17 Sample Multiplier: 1

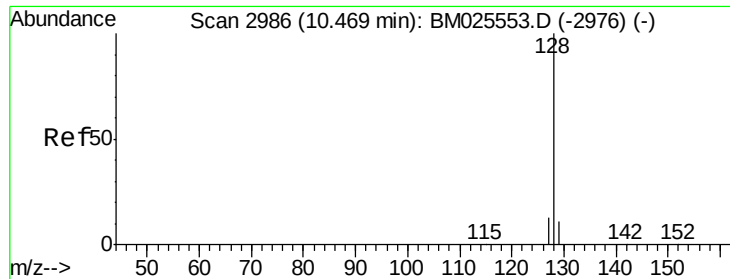
Instrument :
BNA_M
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Quant Time: Mar 16 07:06:31 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030920.M
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QLast Update : Mon Mar 16 06:44:28 2020
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#3

Naphthalene

Concen: 0.567 ng/ul

RT: 10.47 min Scan# 2986

Delta R.T. 0.00 min

Lab File: BM025558.D

Acq: 14 Mar 2020 02:03

Instrument :

BNA_M

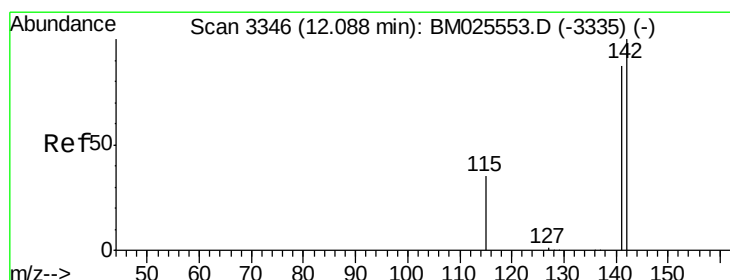
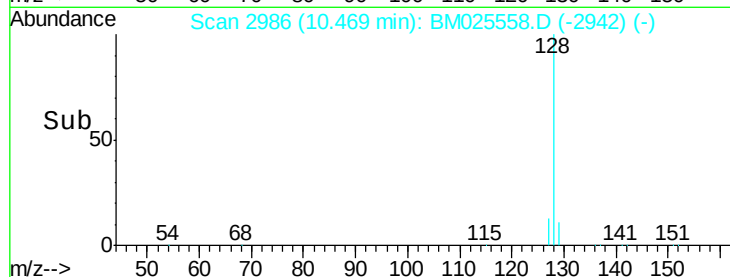
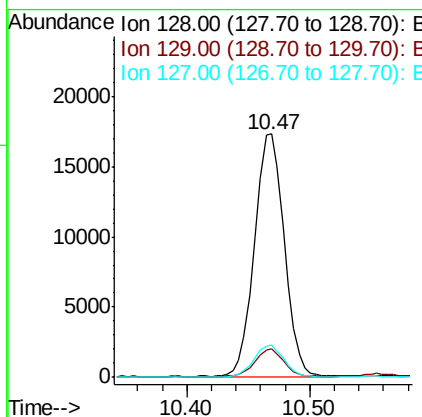
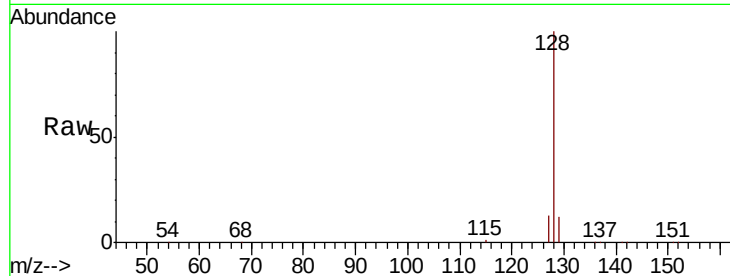
ClientSampleId :

C0AD0

Tot Ion:	128	Resp:	28836
Ion Ratio	Lower	Upper	
128	100		
129	11.6	9.4	14.0
127	13.4	10.9	16.3

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#5

2-Methylnaphthalene

Concen: 0.307 ng/ul

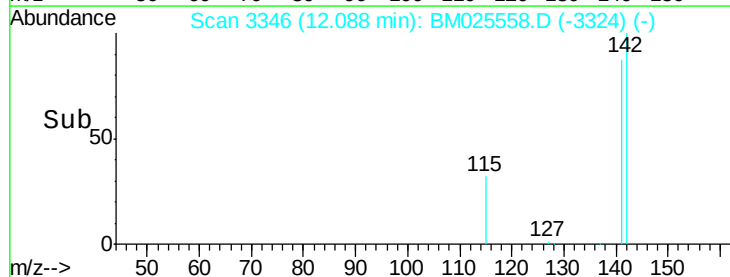
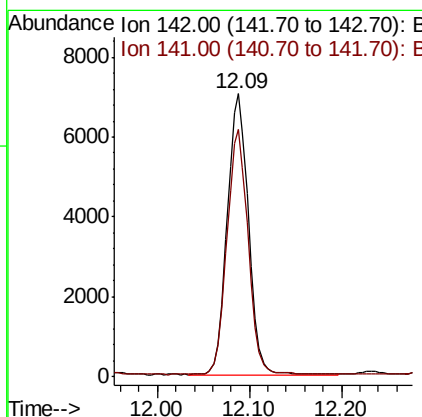
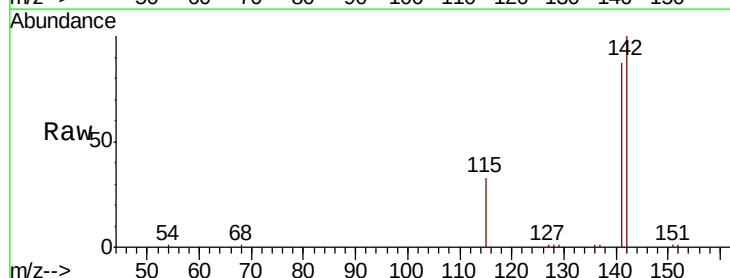
RT: 12.09 min Scan# 3346

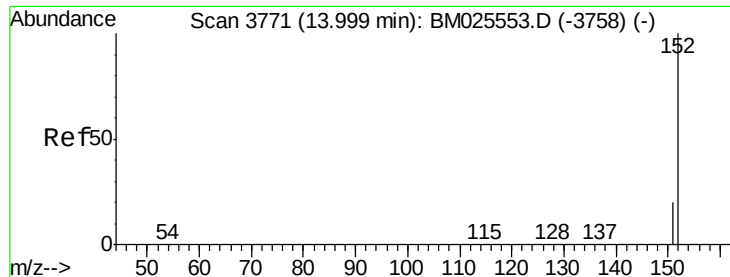
Delta R.T. 0.00 min

Lab File: BM025558.D

Acq: 14 Mar 2020 02:03

Tgt Ion:	142	Resp:	11140
Ion Ratio	Lower	Upper	
142	100		
141	86.6	69.8	104.6





#7

Acenaphthylene

Concen: 0.550 ng/ul

RT: 14.00 min Scan# 3771

Delta R.T. 0.00 min

Lab File: BM025558.D

Acq: 14 Mar 2020 02:03

Instrument :

BNA_M

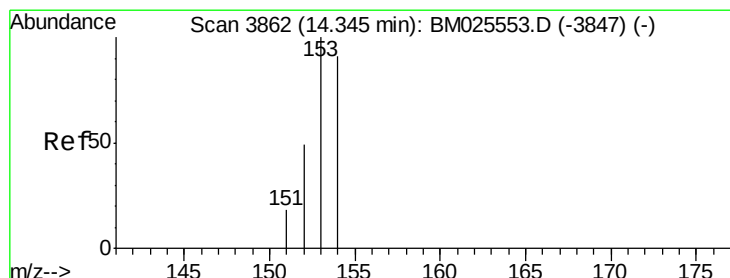
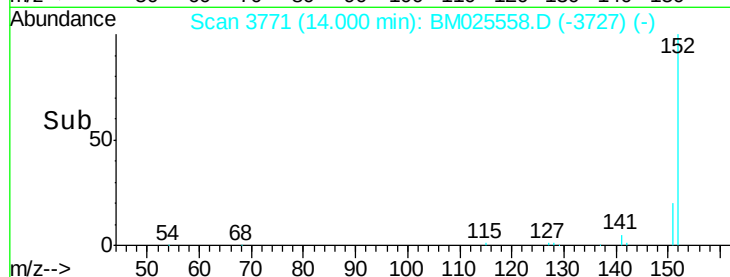
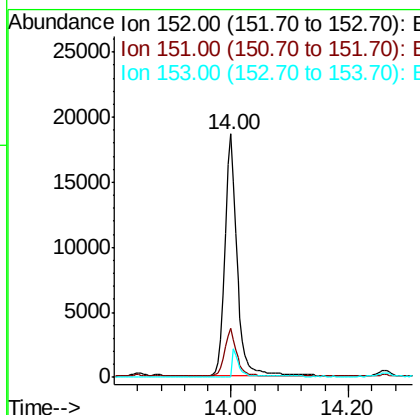
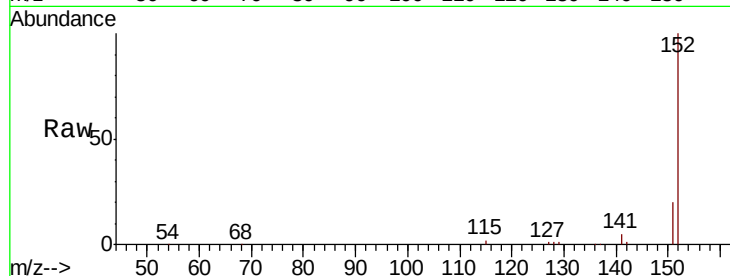
ClientSampleId :

C0AD0

Tot Ion:	152	Resp:	25792
Ion Ratio	Lower	Upper	
152	100		
151	20.1	16.2	24.2
153	0.0	10.6	16.0

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#8

Acenaphthene

Concen: 1.073 ng/ul

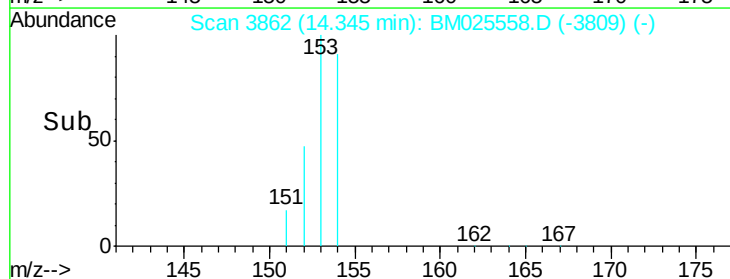
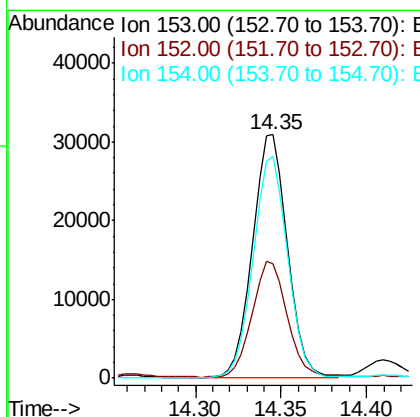
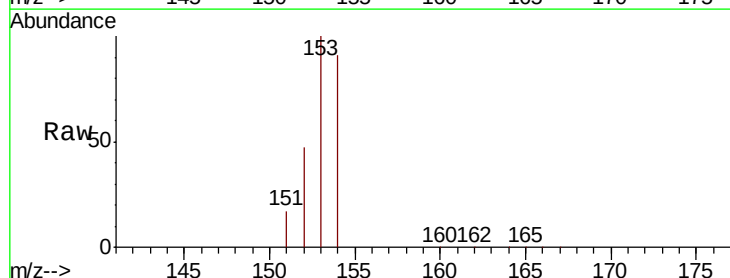
RT: 14.35 min Scan# 3862

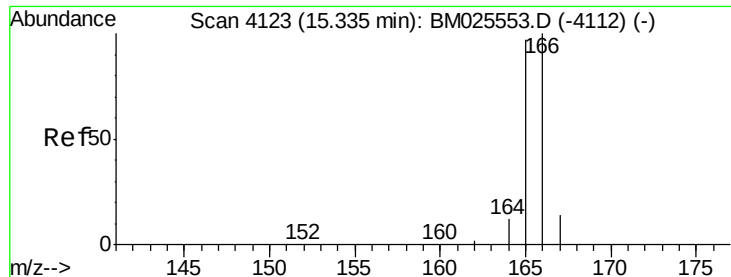
Delta R.T. 0.00 min

Lab File: BM025558.D

Acq: 14 Mar 2020 02:03

Tgt Ion:	153	Resp:	44091
Ion Ratio	Lower	Upper	
153	100		
152	47.0	39.5	59.3
154	90.9	71.7	107.5





#9

Fluorene

Concen: 1.382 ng/ul

RT: 15.33 min Scan# 4122

Delta R.T. -0.00 min

Lab File: BM025558.D

Acq: 14 Mar 2020 02:03

Instrument :

BNA_M

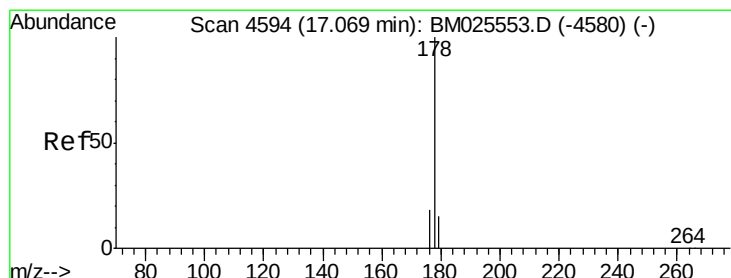
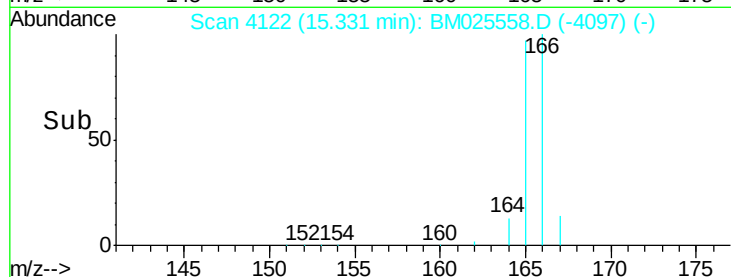
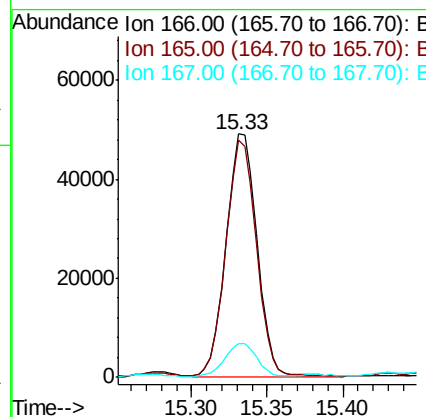
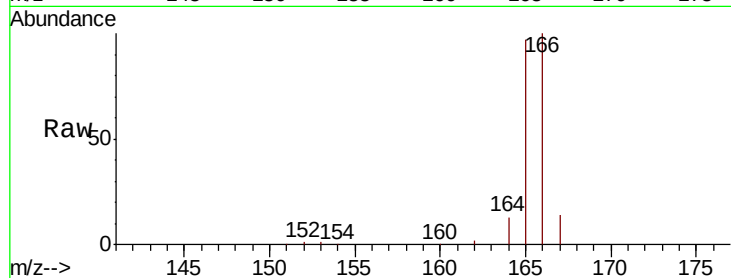
ClientSampleId :

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Tot Ion:	166	Resp:	69214
Ion	Ratio	Lower	Upper
166	100		
165	97.2	76.8	115.2
167	14.0	11.2	16.8

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#12

Phenanthrene

Concen: 12.401 ng/ul

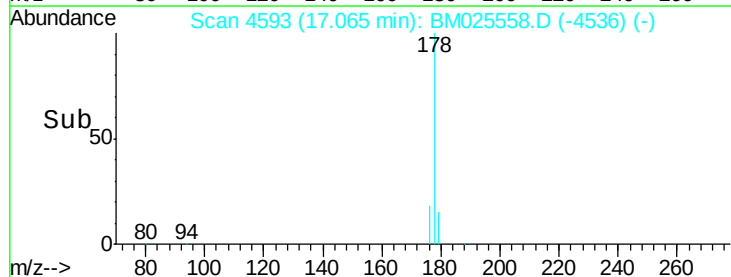
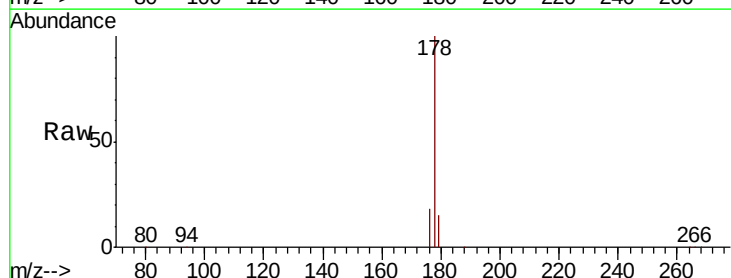
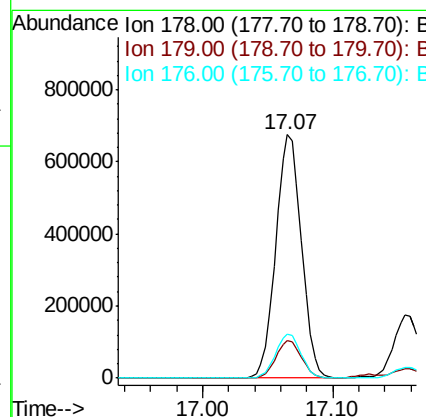
RT: 17.07 min Scan# 4593

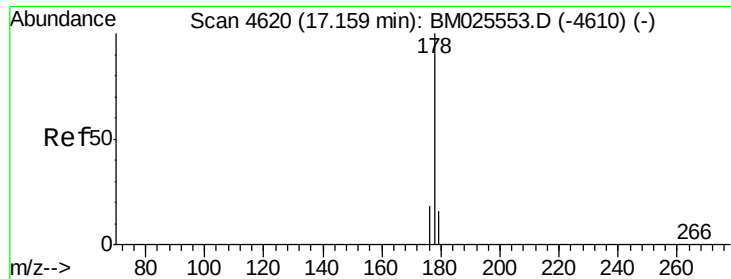
Delta R.T. -0.00 min

Lab File: BM025558.D

Acq: 14 Mar 2020 02:03

Tgt Ion:	178	Resp:	916342
Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.4	18.6
176	18.3	14.8	22.2





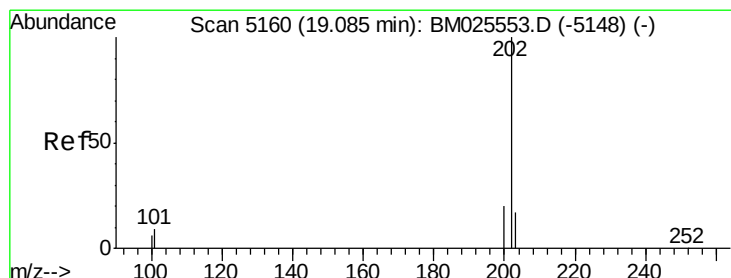
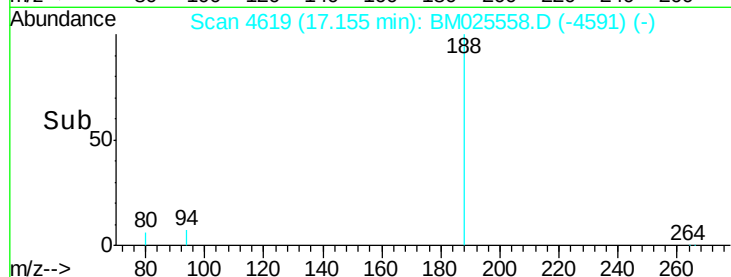
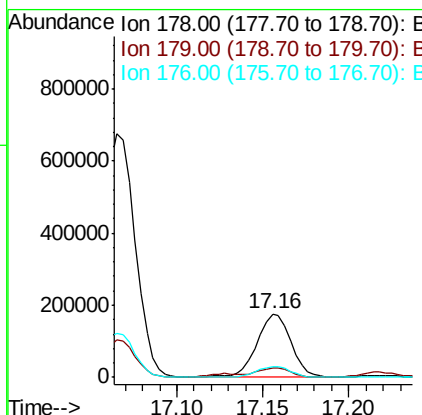
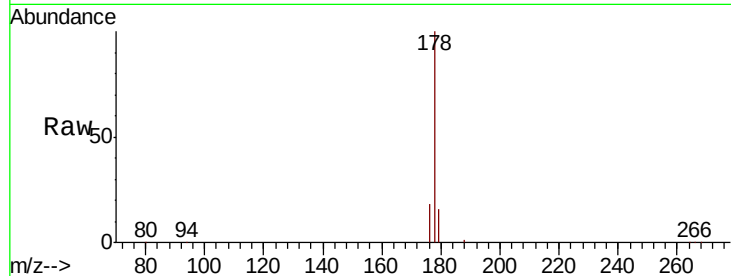
#13
 Anthracene
 Concen: 3.719 ng/ul
 RT: 17.16 min Scan# 4619
 Delta R.T. -0.00 min
 Lab File: BM025558.D
 Acq: 14 Mar 2020 02:03

Instrument :
 BNA_M
 ClientSampled :
 C0AD0

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.6	18.8
176	17.7	14.5	21.7

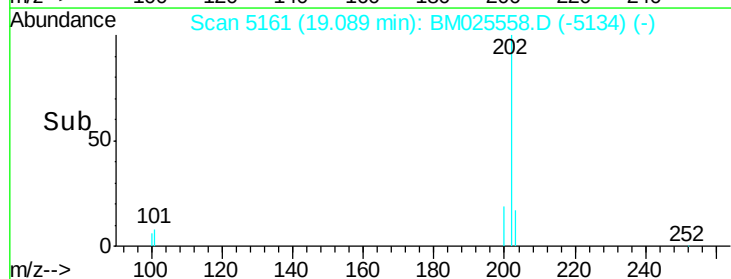
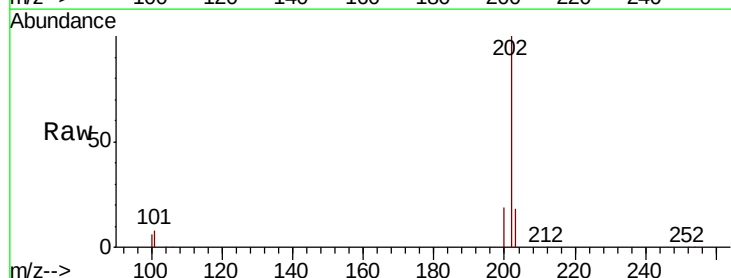
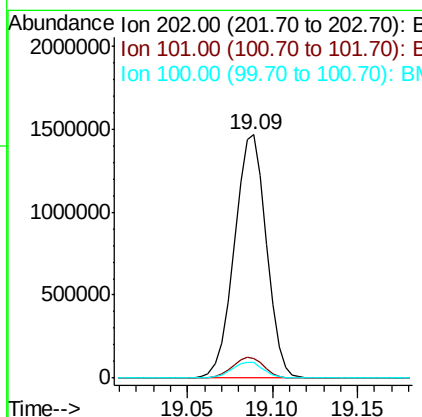
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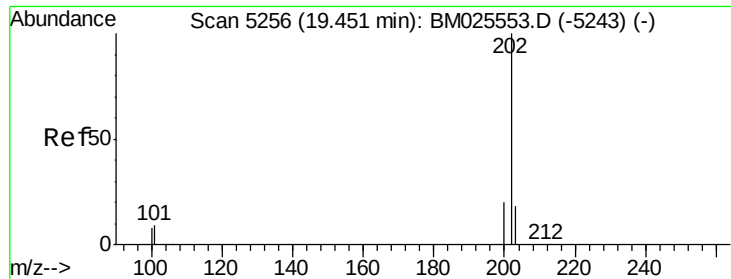
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#15
 Fluoranthene
 Concen: 24.124 ng/ul
 RT: 19.09 min Scan# 5161
 Delta R.T. 0.00 min
 Lab File: BM025558.D
 Acq: 14 Mar 2020 02:03

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.3	0.0	27.5
100	6.3	0.0	26.0





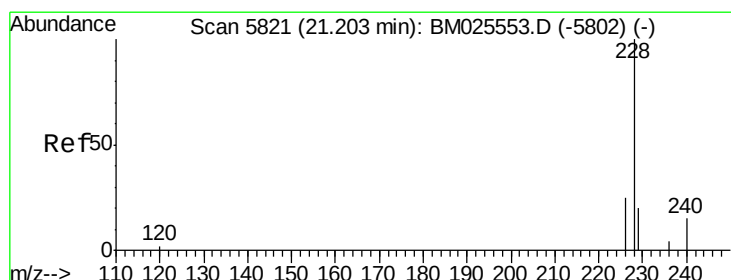
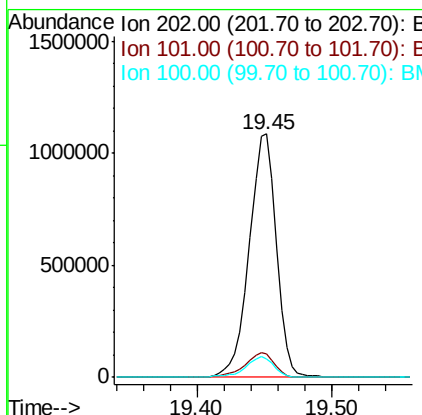
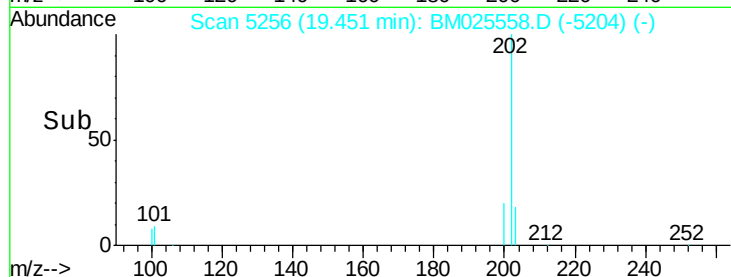
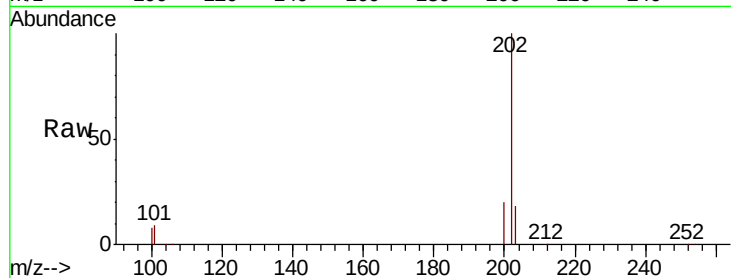
#17
Pvrene
Concen: 20.690 ng/ul
RT: 19.45 min Scan# 5256
Delta R.T. 0.00 min
Lab File: BM025558.D
Acq: 14 Mar 2020 02:03

Instrument :
BNA_M
ClientSampleId :
C0AD0

Tot Ion	Ratio	Lower	Upper
202	100		
101	9.5	7.1	10.7
100	7.6	6.0	9.0

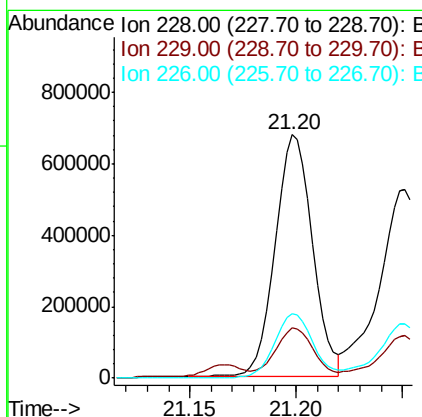
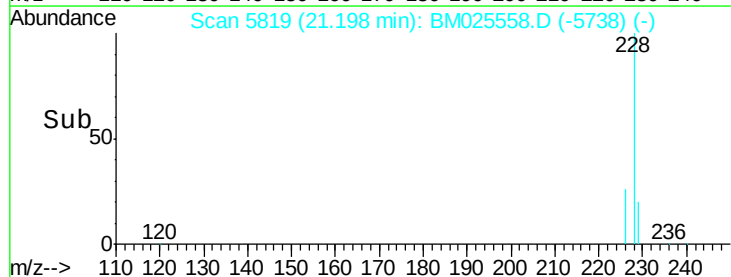
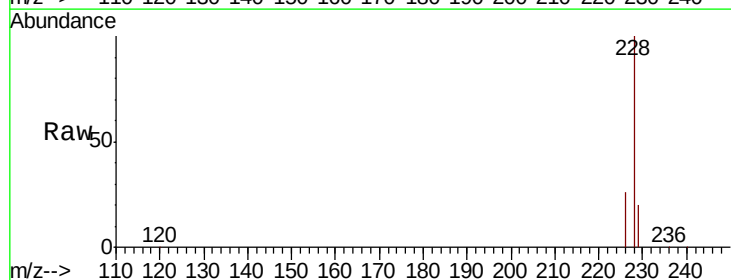
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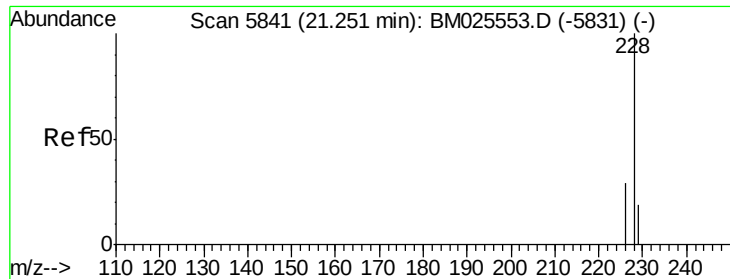
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#18
Benzo(a)anthracene
Concen: 14.588 ng/ul
RT: 21.20 min Scan# 5819
Delta R.T. -0.00 min
Lab File: BM025558.D
Acq: 14 Mar 2020 02:03

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.4	15.6	23.4
226	26.5	21.1	31.7





#19

Chrysene

Concen: 11.658 ng/ul

RT: 21.25 min Scan# 5841

Delta R.T. 0.00 min

Lab File: BM025558.D

Acq: 14 Mar 2020 02:03

Instrument :

BNA_M

ClientSampled :

C0AD0

Tot Ion:228 Resp: 748117

Ion Ratio Lower Upper

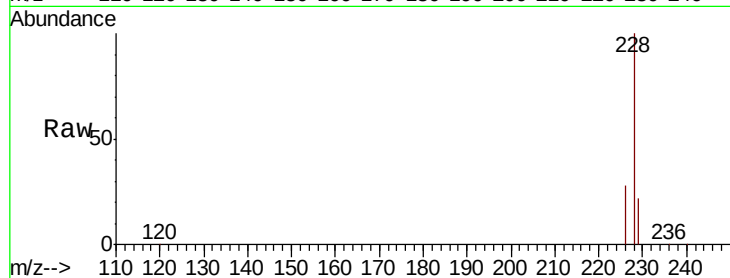
228 100

226 28.4 23.6 35.4

229 22.4 16.3 24.5

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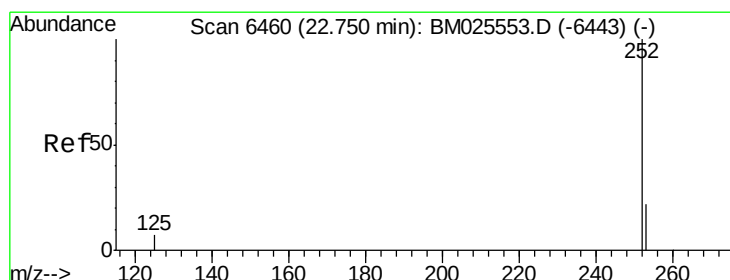
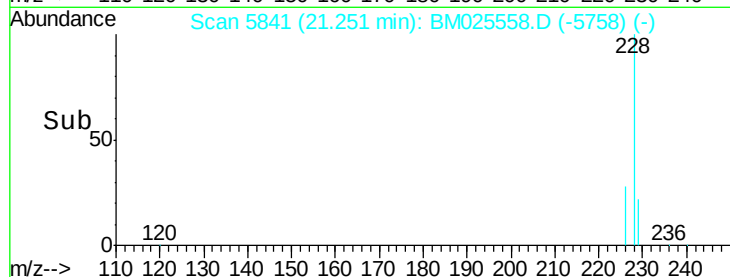
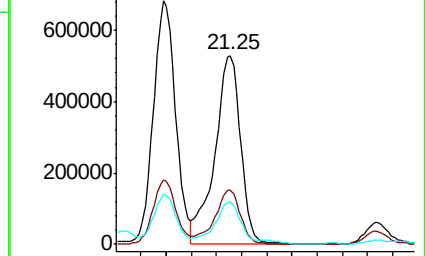
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#21

Benzo(b)fluoranthene

Concen: 13.757 ng/ul m

RT: 22.75 min Scan# 6461

Delta R.T. 0.00 min

Lab File: BM025558.D

Acq: 14 Mar 2020 02:03

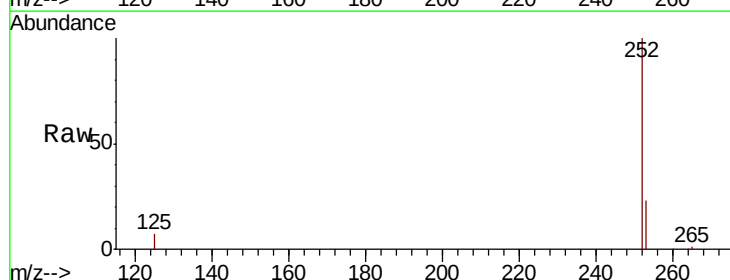
Tgt Ion:252 Resp: 927098

Ion Ratio Lower Upper

252 100

253 23.1 0.0 50.2

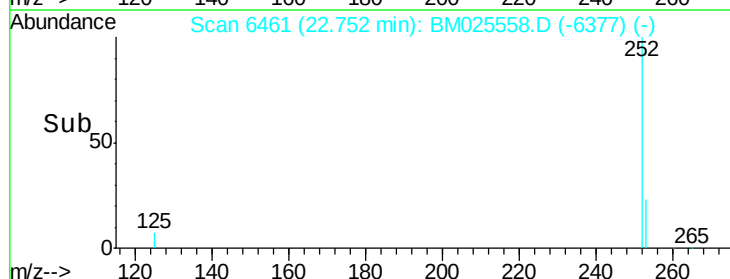
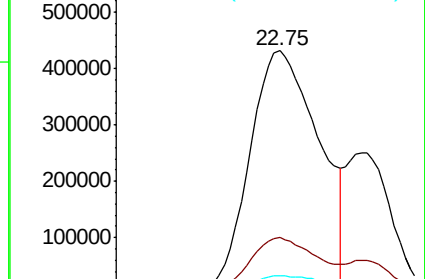
125 7.4 0.0 17.6

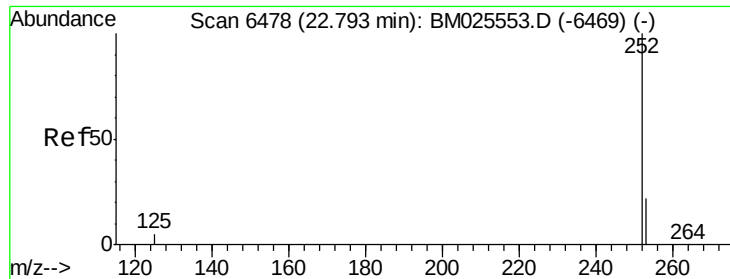


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





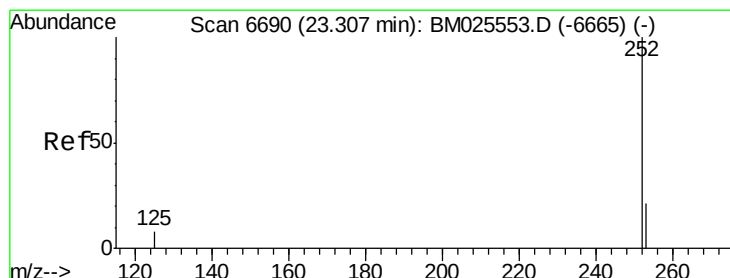
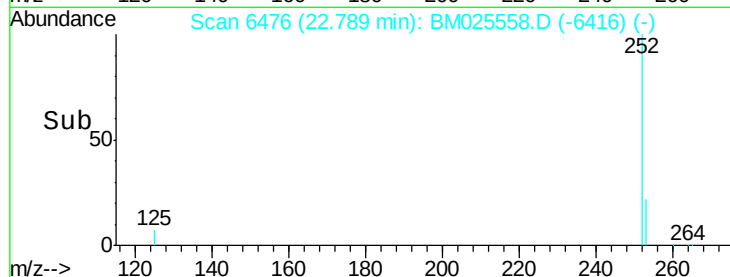
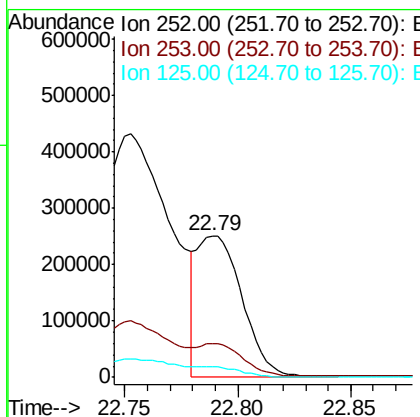
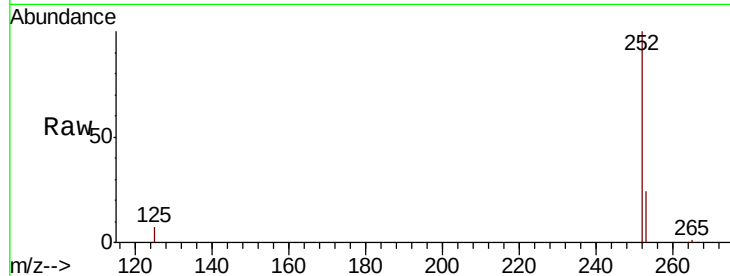
#22
Benzo(k)fluoranthene
Concen: 4.976 ng/ul m
RT: 22.79 min Scan# 6476
Delta R.T. -0.00 min
Lab File: BM025558.D
Acq: 14 Mar 2020 02:03

Instrument :
BNA_M
ClientSampleId :
C0AD0

Tot Ion	Ratio	Resp	Lower	Upper
252	100	351388		
253	23.7	19.8	29.8	
125	7.5	7.1	10.7	

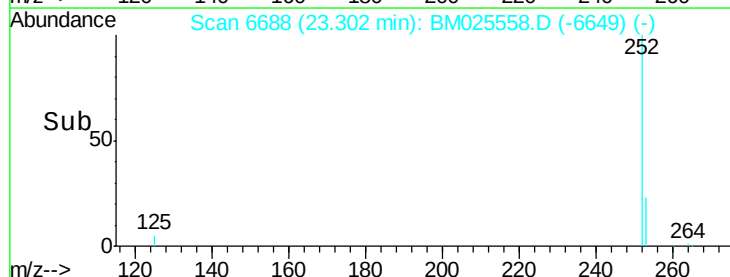
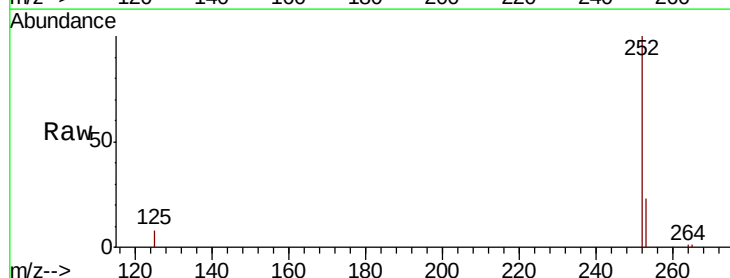
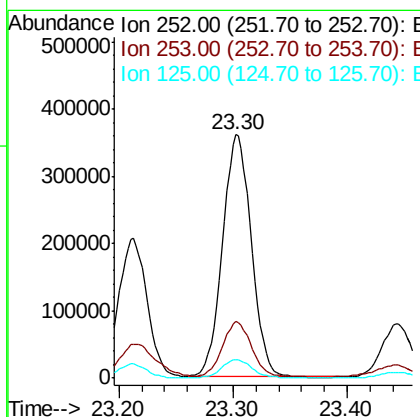
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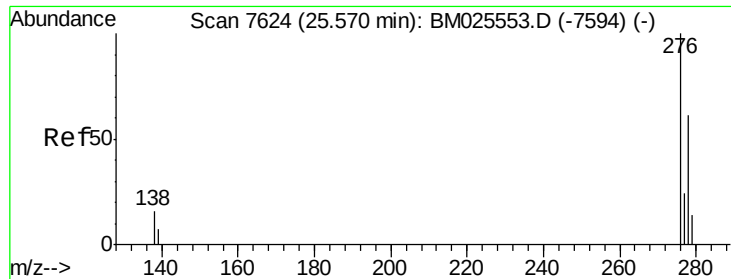
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#23
Benzo(a)pyrene
Concen: 11.276 ng/ul
RT: 23.30 min Scan# 6688
Delta R.T. -0.00 min
Lab File: BM025558.D
Acq: 14 Mar 2020 02:03

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	631032		
253	23.0	21.3	31.9	
125	7.7	8.5	12.7#	





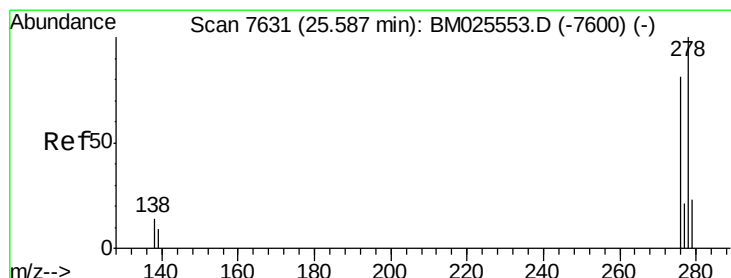
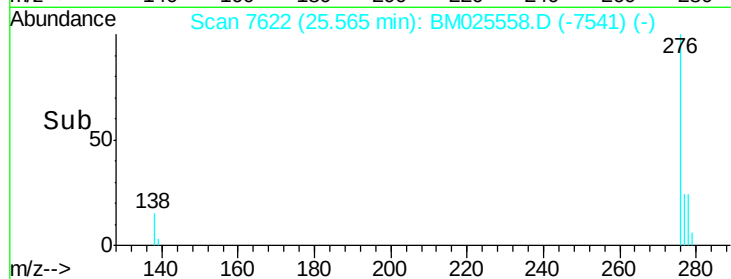
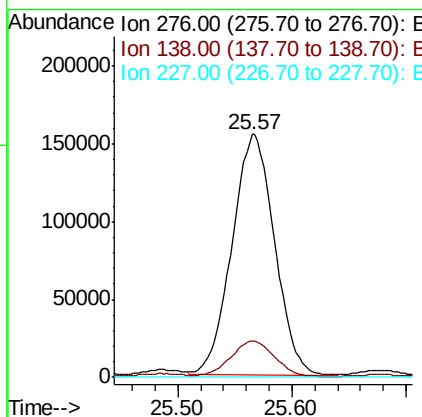
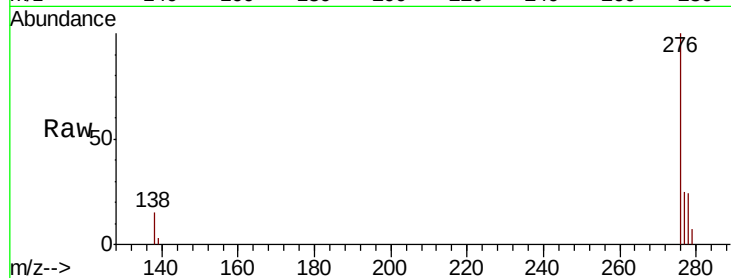
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 5.285 ng/ul
 RT: 25.57 min Scan# 7622
 Delta R.T. -0.00 min
 Lab File: BM025558.D
 Acq: 14 Mar 2020 02:03

Instrument :
 BNA_M
 ClientSampleId :
 C0AD0

Tot Ion	Ratio	Lower	Upper
276	100		
138	15.1	12.3	18.5
227	0.0	0.0	0.0

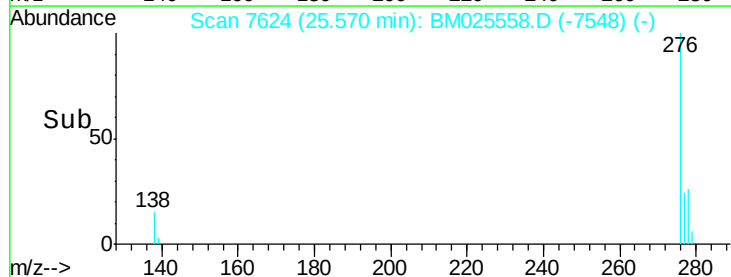
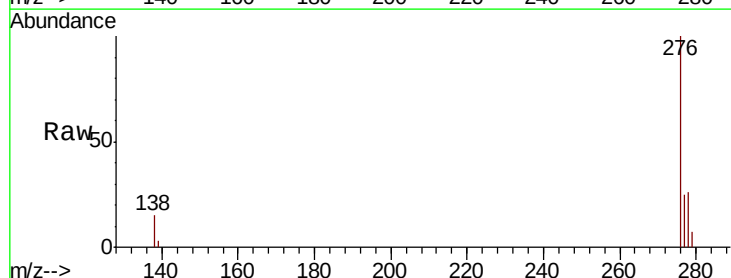
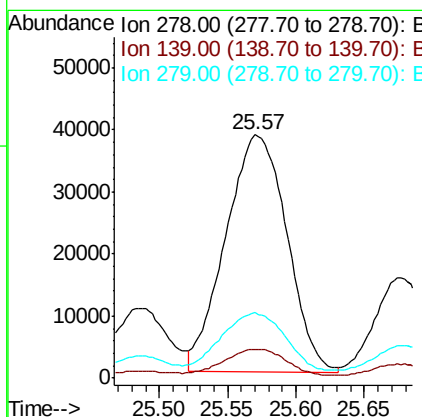
Manual Integrations
 APPROVED

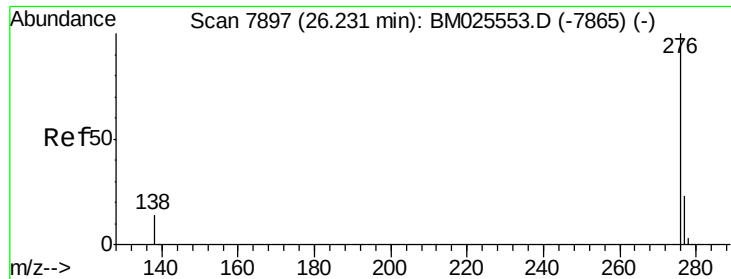
mohammad
 3/16/2020 1:52:44 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 1.857 ng/ul
 RT: 25.57 min Scan# 7624
 Delta R.T. -0.02 min
 Lab File: BM025558.D
 Acq: 14 Mar 2020 02:03

Tgt Ion	Ratio	Lower	Upper
278	100		
139	11.9	9.0	13.6
279	26.8	21.1	31.7





#26
 Benzo(a,h,i)perylene
 Concen: 4.190 ng/ul
 RT: 26.22 min Scan# 7893
 Delta R.T. -0.01 min
 Lab File: BM025558.D
 Acq: 14 Mar 2020 02:03

Instrument :
 BNA_M
 ClientSampleId :
 C0AD0

Tot Ion:	276	Resp:	275975
Ion Ratio	Lower	Upper	
276	100		
138	15.2	11.0	16.4
277	24.1	19.8	29.6

Manual Integrations
 APPROVED

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