

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030920\
 Data File : BM025482.D
 Acq On : 11 Mar 2020 09:36
 Operator : CG/JU
 Sample : L1677-03
 Misc :
 ALS Vial : 75 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0CC7

Manual Integrations
 APPROVED

mohammad
 3/13/2020 8:48:16 AM

Quant Time: Mar 11 13:44:04 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 11 07:15:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	2891	0.40	ng/ul	0.00
2) Naphthalene-d8	10.43	136	12106	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.29	164	8433	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.03	188	18933	0.40	ng/ul	0.00
16) Chrysene-d12	21.22	240	15641	0.40	ng/ul	0.00
20) Perylene-d12	23.40	264	15279	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	2345	0.11	ng/ul	0.00
14) Fluoranthene-d10	19.06	212	6677	0.13	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.48	128	1847	0.052	ng/ul#	91
5) 2-Methylnaphthalene	12.09	142	1351	0.053	ng/ul	99
7) Acenaphthylene	14.00	152	4724	0.137	ng/ul#	86
8) Acenaphthene	14.35	153	1083	0.036	ng/ul	96
9) Fluorene	15.34	166	5812	0.158	ng/ul	96
12) Phenanthrene	17.07	178	72425	1.207	ng/ul	99
13) Anthracene	17.16	178	15805	0.303	ng/ul	99
15) Fluoranthene	19.09	202	118146	1.816	ng/ul	99
17) Pyrene	19.45	202	92281	1.314	ng/ul	99
18) Benzo(a)anthracene	21.20	228	41789	0.747	ng/ul	97
19) Chrysene	21.25	228	40613	0.647	ng/ul	98
21) Benzo(b)fluoranthene	22.75	252	45225m	0.747	ng/ul	
22) Benzo(k)fluoranthene	22.79	252	20151m	0.318	ng/ul	
23) Benzo(a)pyrene	23.31	252	29201	0.581	ng/ul	97
24) Indeno(1,2,3-cd)pyrene	25.57	276	18468	0.271	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.58	278	5242	0.091	ng/ul#	83
26) Benzo(a,h,i)perylene	26.23	276	15479	0.262	ng/ul	97

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

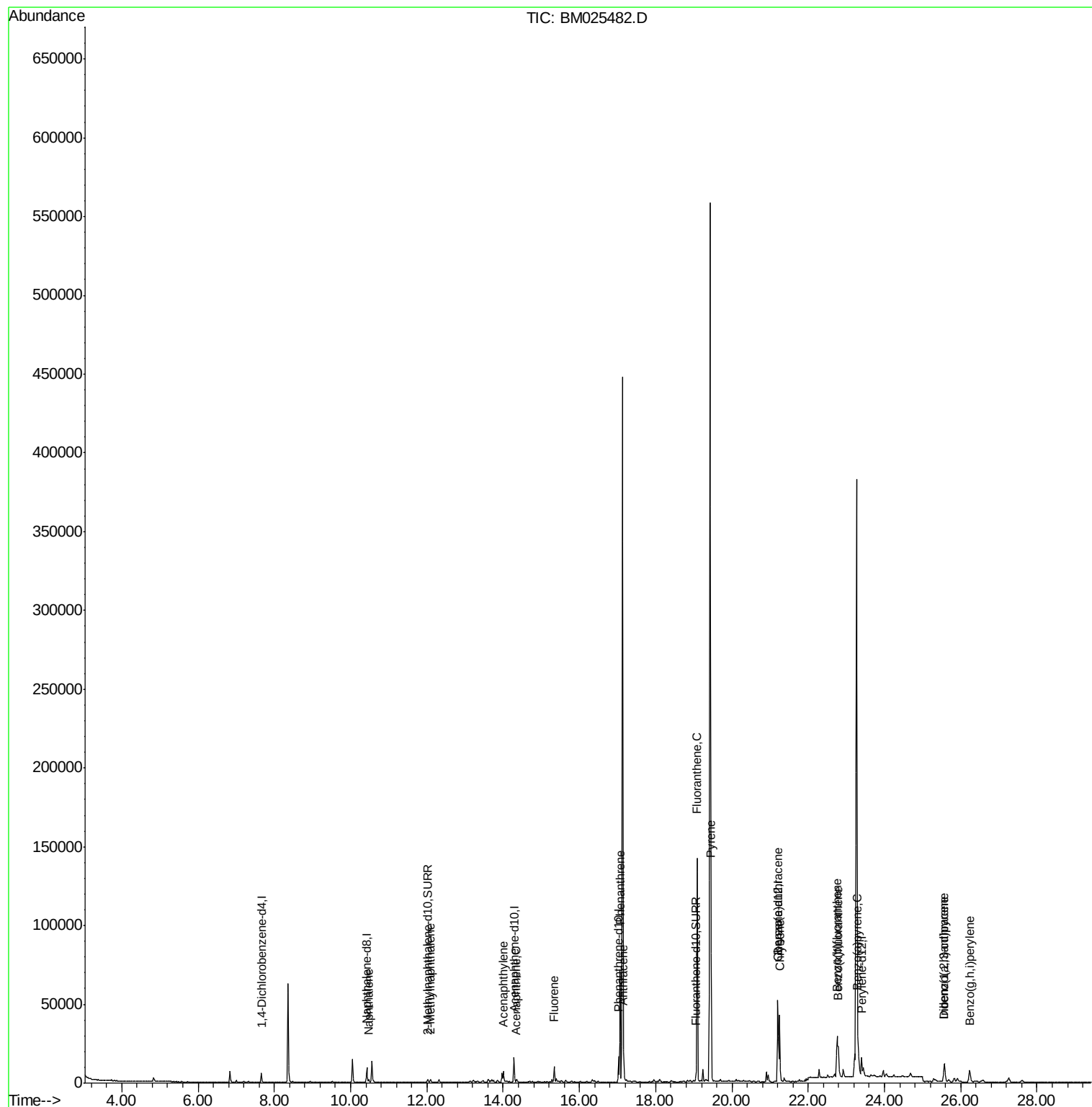
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030920\
Data File : BM025482.D
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ALS Vial : 75 Sample Multiplier: 1

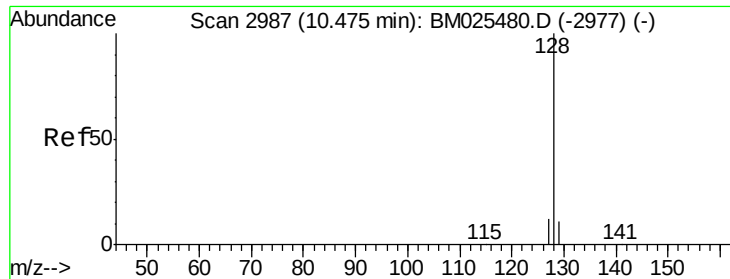
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 11 07:15:41 2020
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.052 ng/ul

RT: 10.48 min Scan# 2987

Delta R.T. -0.00 min

Lab File: BM025482.D

Acq: 11 Mar 2020 09:36

Instrument :

BNA_M

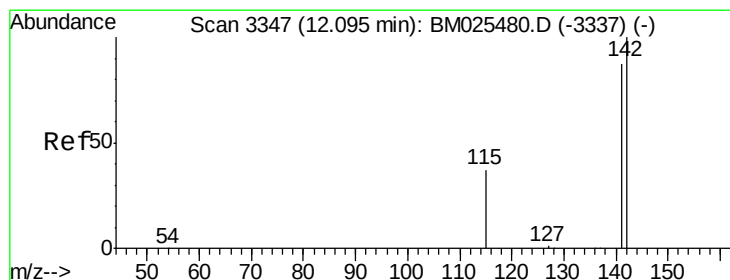
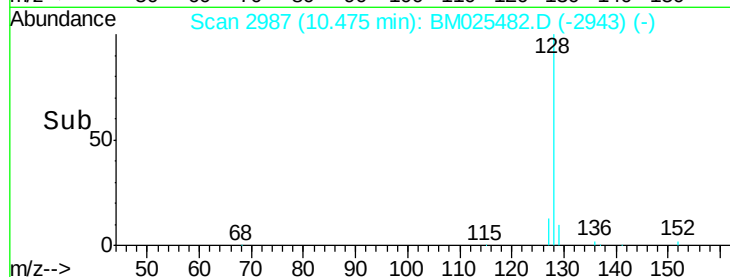
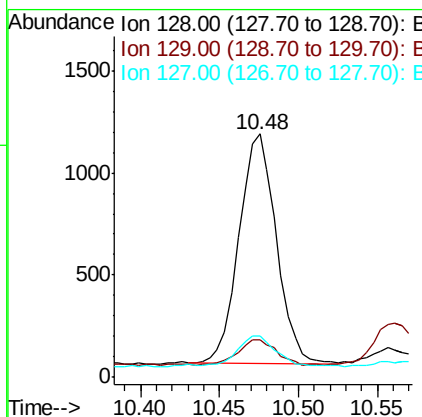
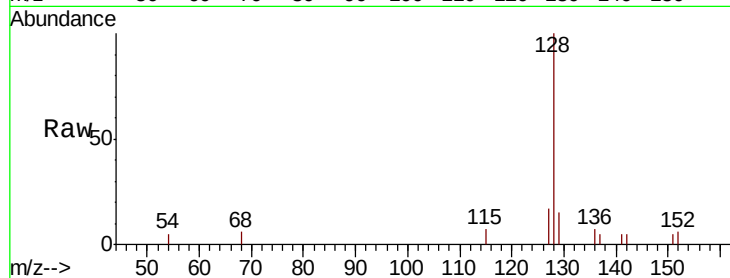
ClientSampleId :

C0CC7

Tot Ion:	128	Resp:	1847
Ion Ratio	Lower	Upper	
128	100		
129	15.2	9.4	14.0#
127	17.0	10.9	16.3#

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#5

2-Methylnaphthalene

Concen: 0.053 ng/ul

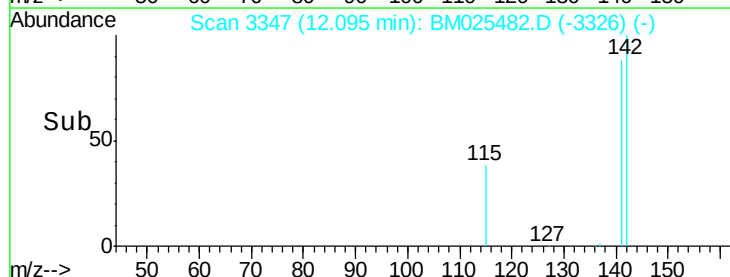
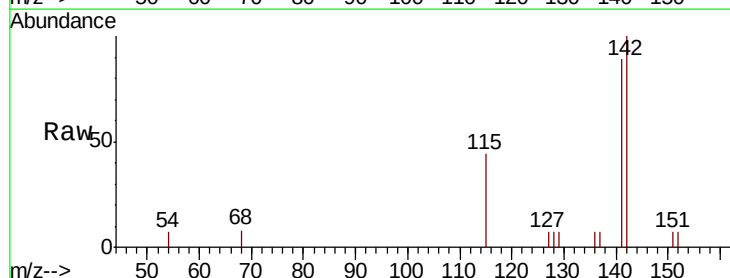
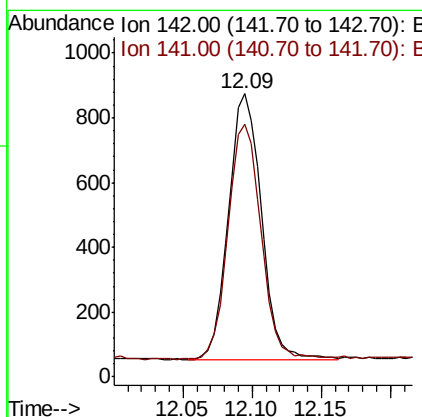
RT: 12.09 min Scan# 3347

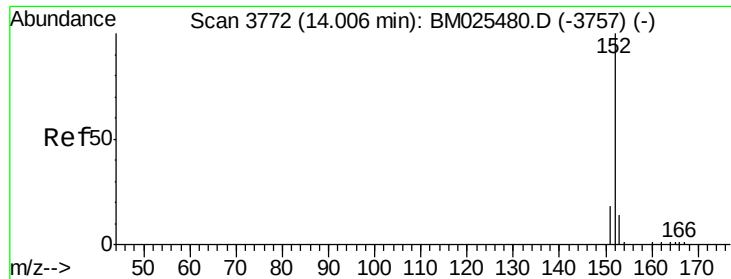
Delta R.T. -0.01 min

Lab File: BM025482.D

Acq: 11 Mar 2020 09:36

Tgt Ion:	142	Resp:	1351
Ion Ratio	Lower	Upper	
142	100		
141	88.5	69.8	104.6





#7

Acenaphthylene

Concen: 0.137 ng/ul

RT: 14.00 min Scan# 3771

Delta R.T. -0.01 min

Lab File: BM025482.D

Acq: 11 Mar 2020 09:36

Instrument :

BNA_M

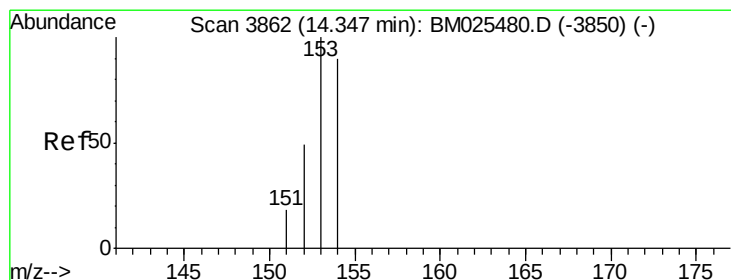
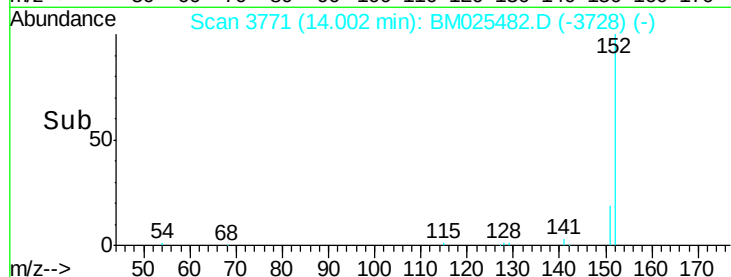
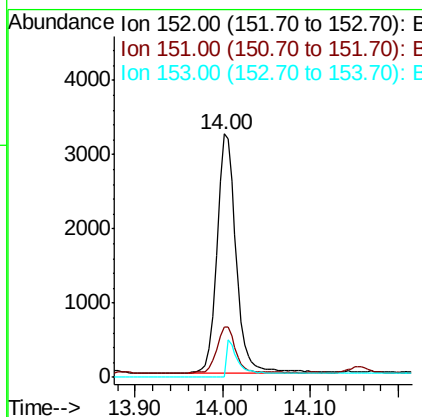
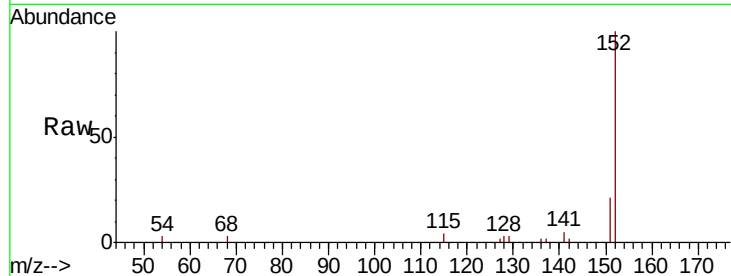
ClientSampleId :

C0CC7

Tot Ion:	152	Resp:	4724
Ion Ratio	Lower	Upper	
152	100		
151	20.8	16.2	24.2
153	0.0	10.6	16.0#

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#8

Acenaphthene

Concen: 0.036 ng/ul

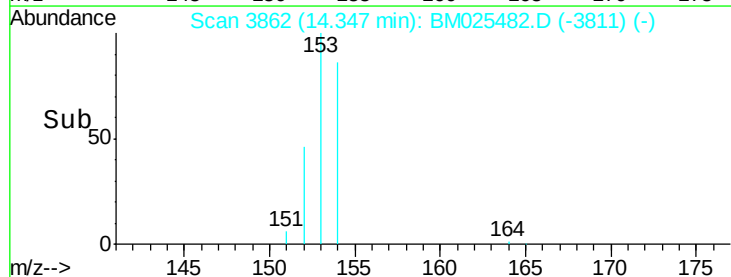
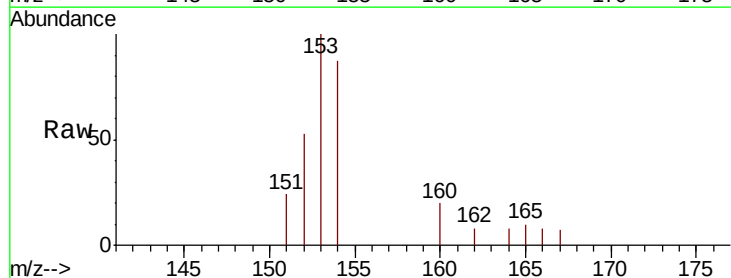
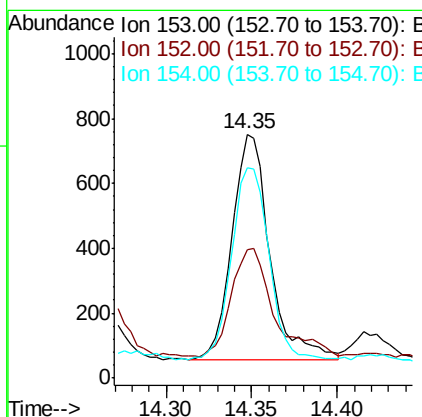
RT: 14.35 min Scan# 3862

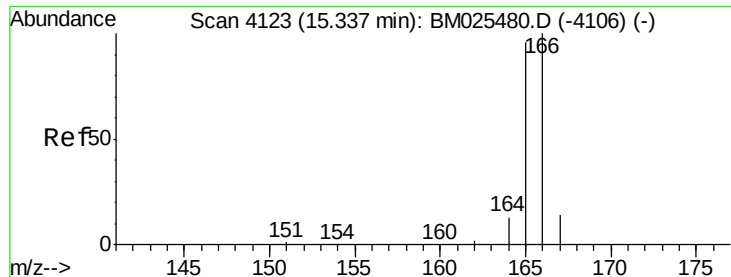
Delta R.T. -0.01 min

Lab File: BM025482.D

Acq: 11 Mar 2020 09:36

Tgt Ion:	153	Resp:	1083
Ion Ratio	Lower	Upper	
153	100		
152	52.9	39.5	59.3
154	86.6	71.7	107.5





#9

Fluorene

Concen: 0.158 ng/ul

RT: 15.34 min Scan# 4123

Delta R.T. -0.01 min

Lab File: BM025482.D

Acq: 11 Mar 2020 09:36

Instrument :

BNA_M

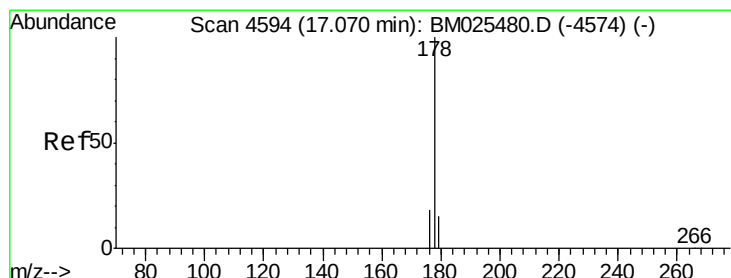
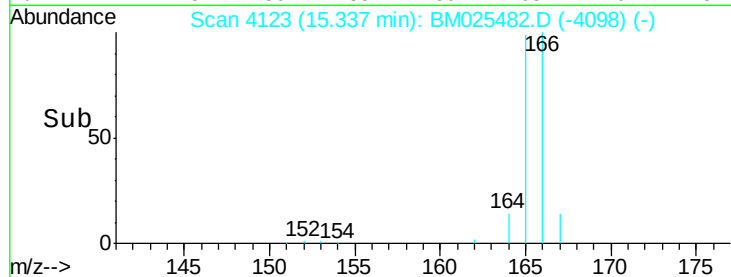
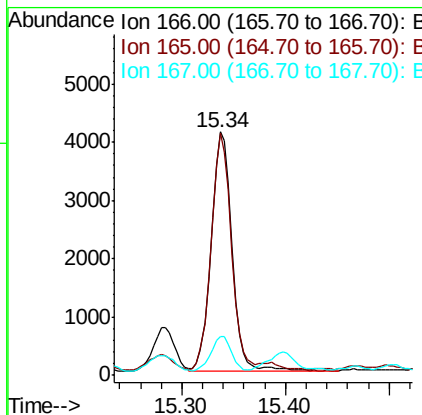
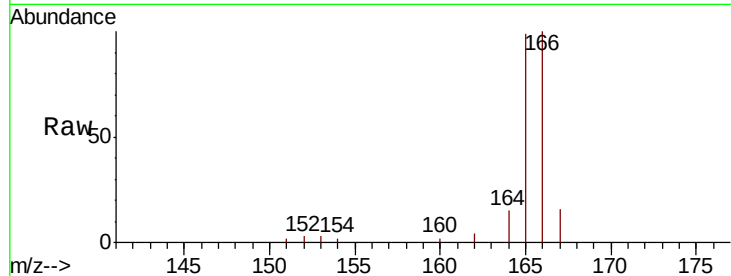
ClientSampleId :

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Tot Ion:	166	Resp:	5812
Ion	Ratio	Lower	Upper
166	100		
165	99.5	76.8	115.2
167	16.1	11.2	16.8

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#12

Phenanthrene

Concen: 1.207 ng/ul

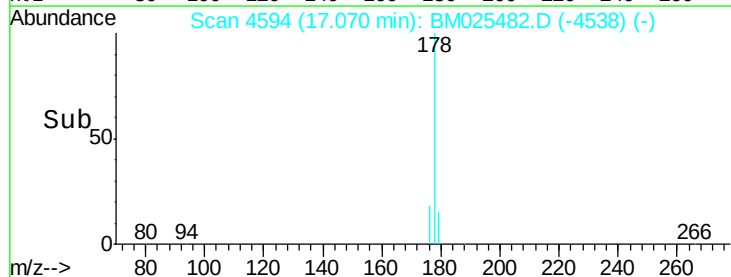
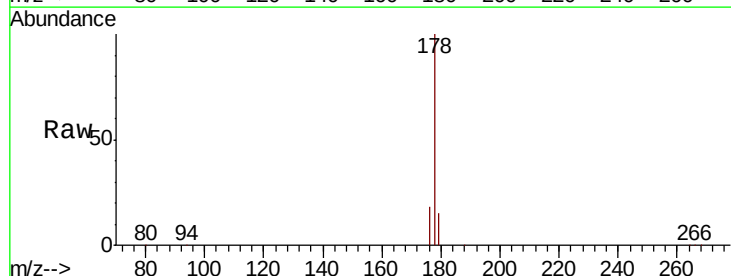
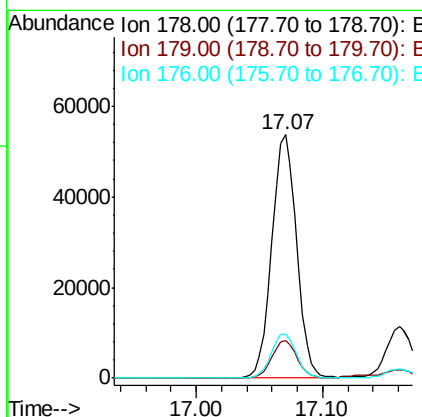
RT: 17.07 min Scan# 4594

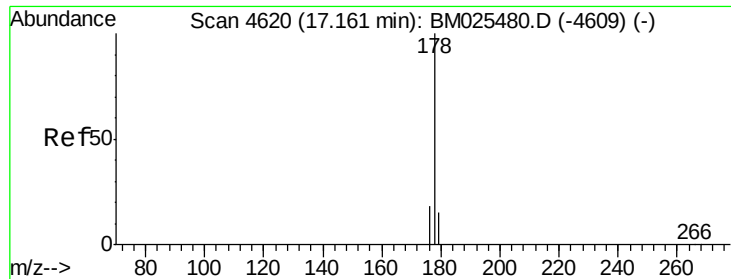
Delta R.T. -0.01 min

Lab File: BM025482.D

Acq: 11 Mar 2020 09:36

Tgt Ion:	178	Resp:	72425
Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.4	18.6
176	18.1	14.8	22.2





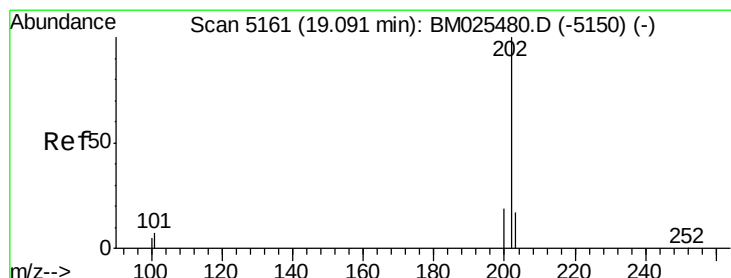
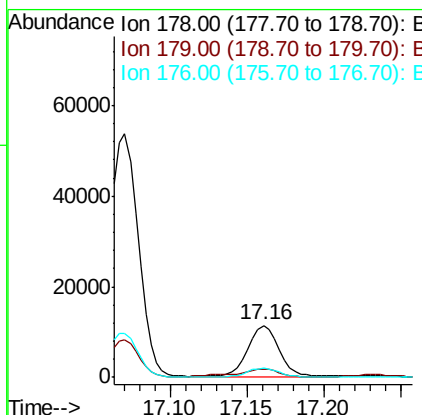
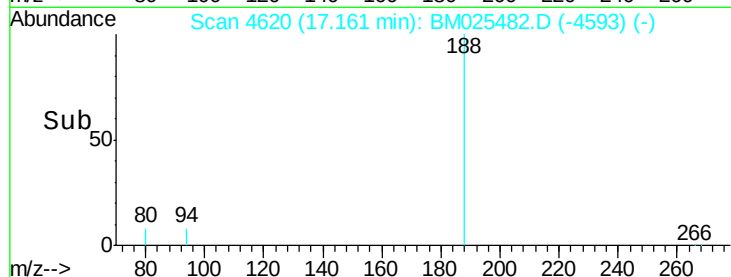
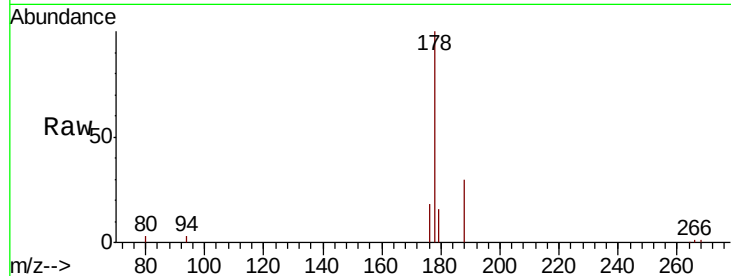
#13
 Anthracene
 Concen: 0.303 ng/ul
 RT: 17.16 min Scan# 4620
 Delta R.T. -0.01 min
 Lab File: BM025482.D
 Acq: 11 Mar 2020 09:36

Instrument :
 BNA_M
 ClientSampleId :
 C0CC7

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.3	12.6	18.8
176	18.4	14.5	21.7

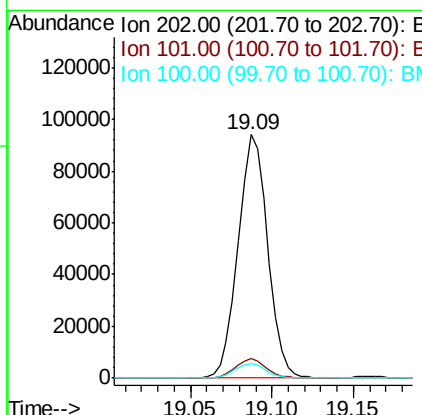
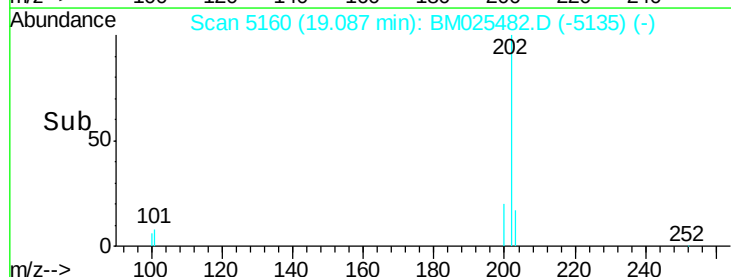
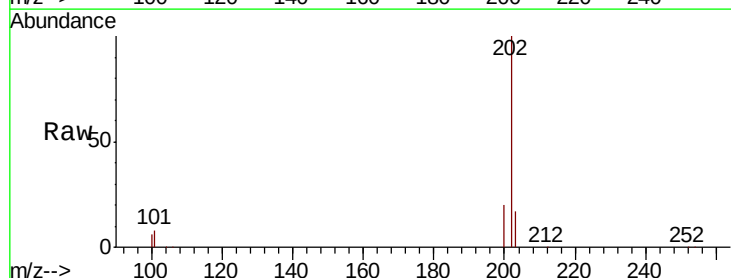
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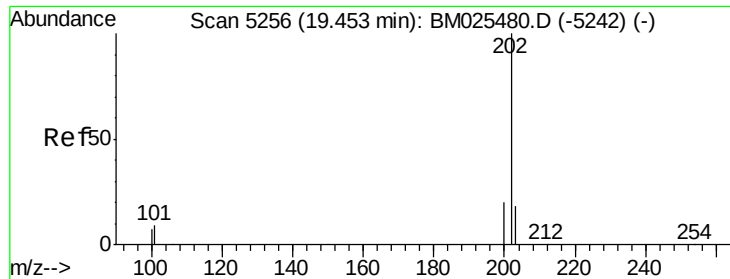
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#15
 Fluoranthene
 Concen: 1.816 ng/ul
 RT: 19.09 min Scan# 5160
 Delta R.T. -0.01 min
 Lab File: BM025482.D
 Acq: 11 Mar 2020 09:36

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.0	0.0	27.5
100	6.0	0.0	26.0





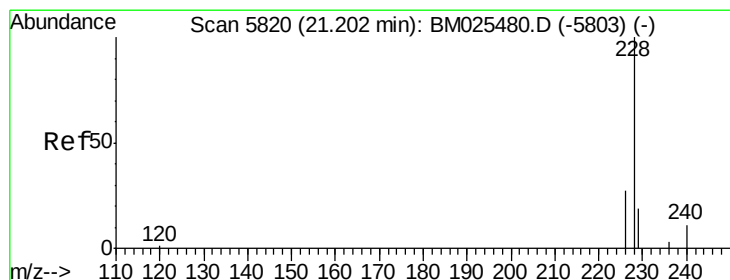
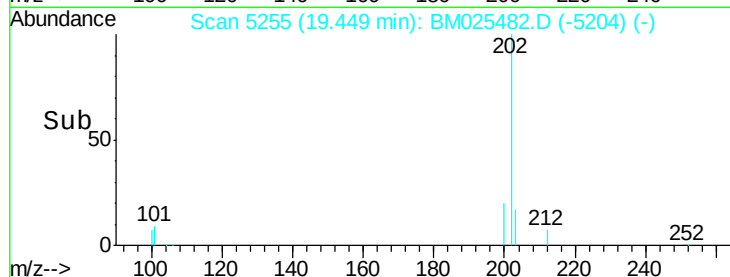
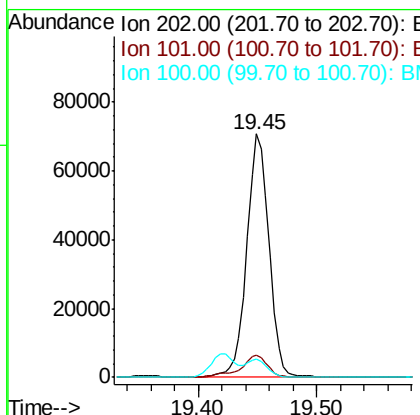
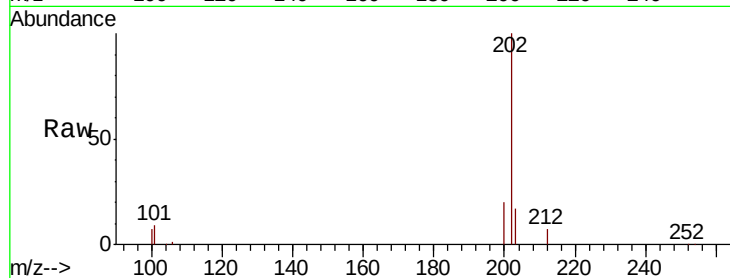
#17
Pvrene
Concen: 1.314 ng/ul
RT: 19.45 min Scan# 5255
Delta R.T. -0.01 min
Lab File: BM025482.D
Acq: 11 Mar 2020 09:36

Instrument :
BNA_M
ClientSampleId :
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Tot Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	9.3	7.1	10.7
100	7.5	6.0	9.0

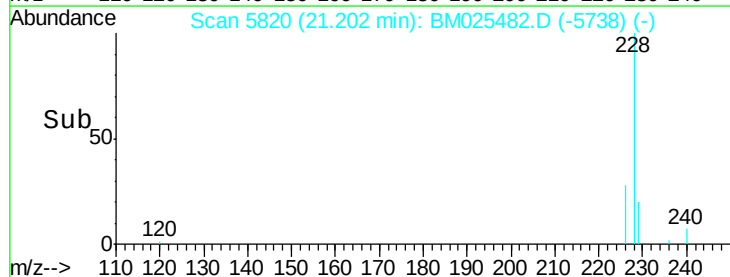
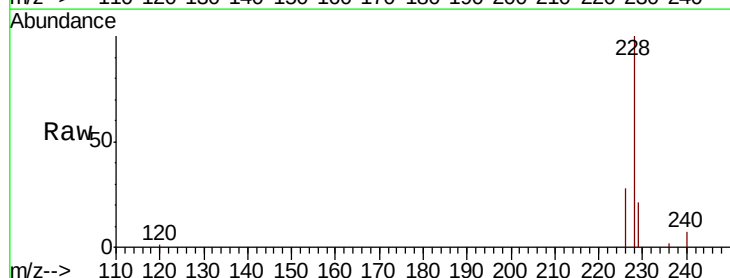
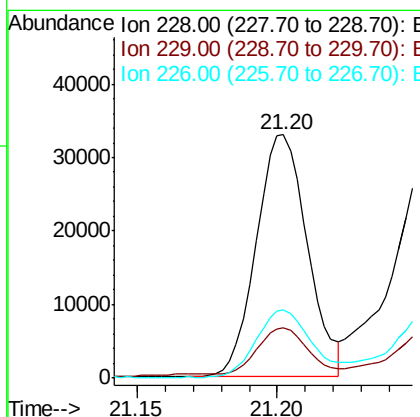
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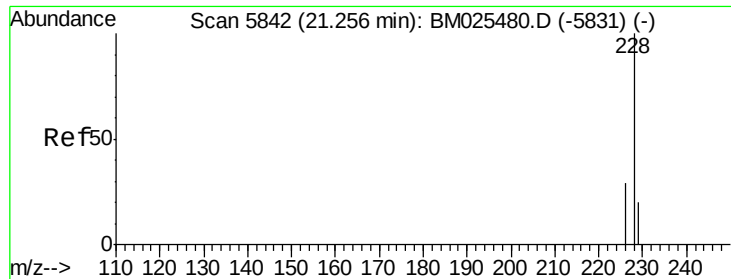
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#18
Benzo(a)anthracene
Concen: 0.747 ng/ul
RT: 21.20 min Scan# 5820
Delta R.T. -0.00 min
Lab File: BM025482.D
Acq: 11 Mar 2020 09:36

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	20.7	15.6	23.4
226	27.9	21.1	31.7





#19

Chrysene

Concen: 0.647 ng/ul

RT: 21.25 min Scan# 5841

Delta R.T. -0.00 min

Lab File: BM025482.D

Acq: 11 Mar 2020 09:36

Instrument :

BNA_M

ClientSampleId :

C0CC7

Tot Ion:228 Resp: 40613

Ion Ratio Lower Upper

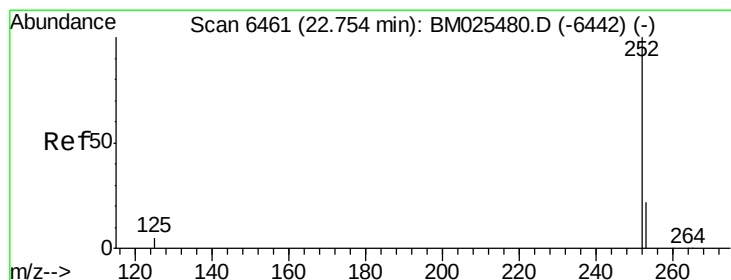
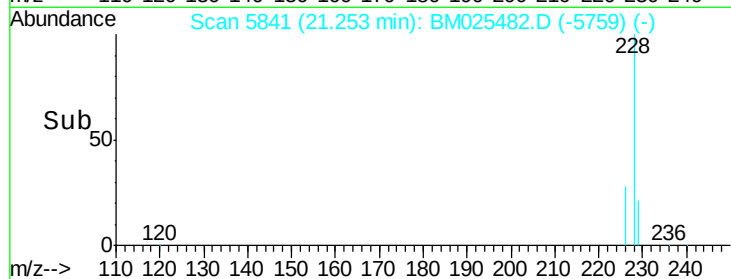
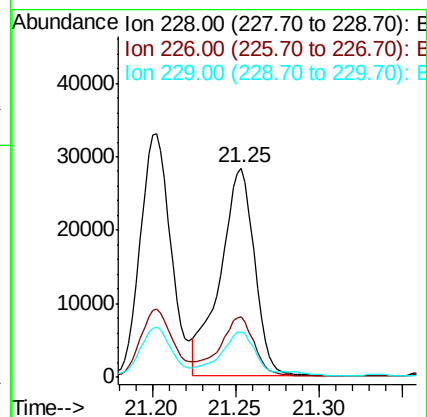
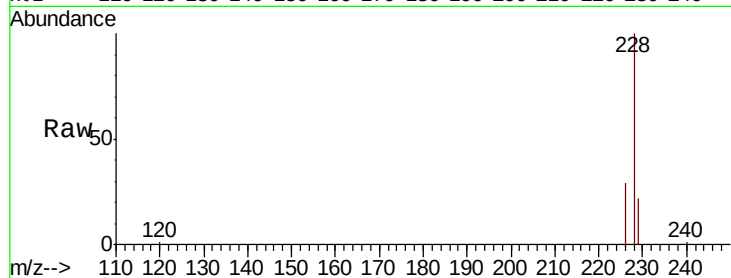
228 100

226 28.7 23.6 35.4

229 21.6 16.3 24.5

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#21

Benzo(b)fluoranthene

Concen: 0.747 ng/ul m

RT: 22.75 min Scan# 6461

Delta R.T. -0.00 min

Lab File: BM025482.D

Acq: 11 Mar 2020 09:36

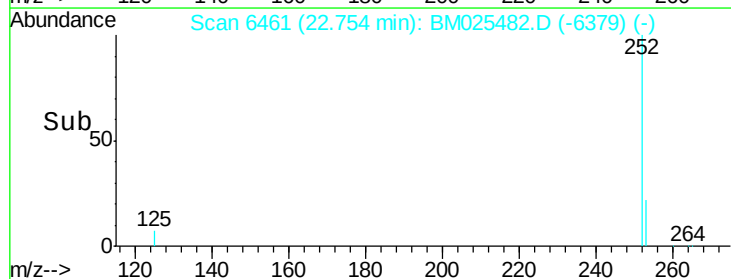
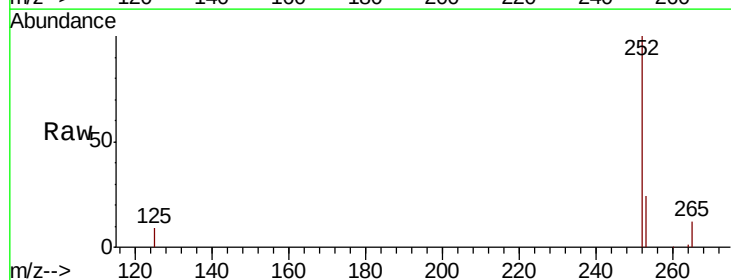
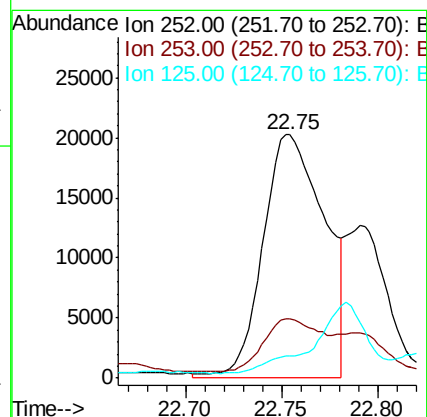
Tgt Ion:252 Resp: 45225

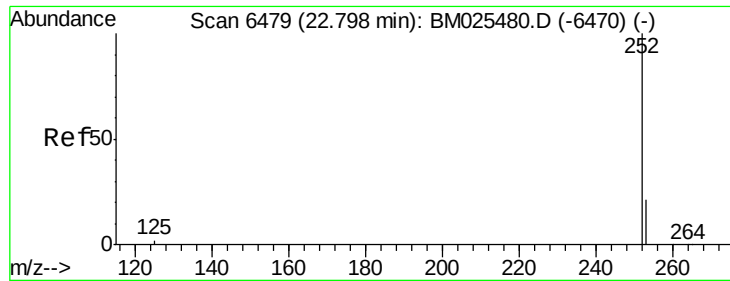
Ion Ratio Lower Upper

252 100

253 24.2 0.0 50.2

125 9.1 0.0 17.6





#22

Benzo(k)fluoranthene

Concen: 0.318 ng/ul m

RT: 22.79 min Scan# 6476

Delta R.T. -0.01 min

Lab File: BM025482.D

Acq: 11 Mar 2020 09:36

Instrument :

BNA_M

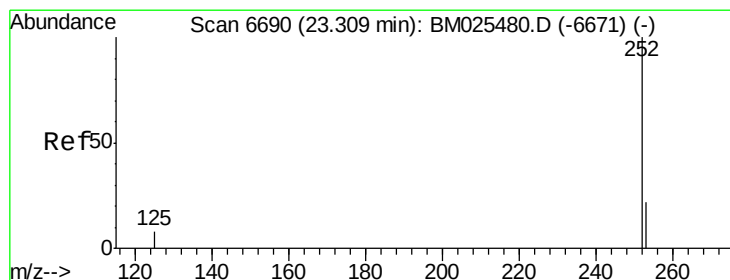
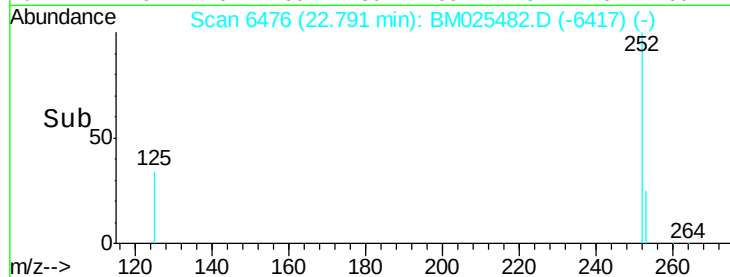
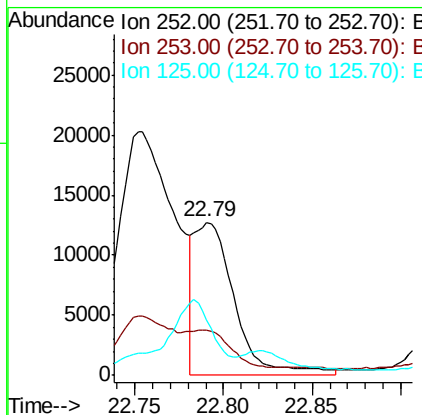
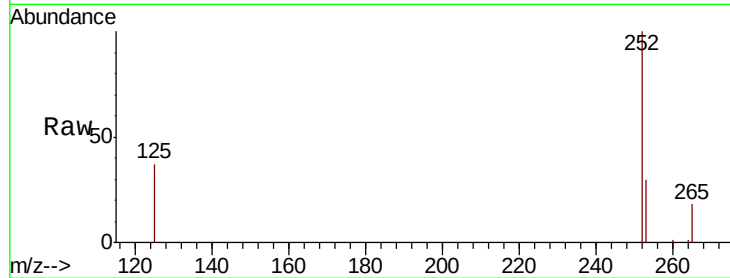
ClientSampleId :

C0CC7

Tot Ion:	252	Resp:	20151
Ion Ratio	Lower	Upper	
252	100		
253	29.7	19.8	29.8
125	36.5	7.1	10.7#

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#23

Benzo(a)pyrene

Concen: 0.581 ng/ul

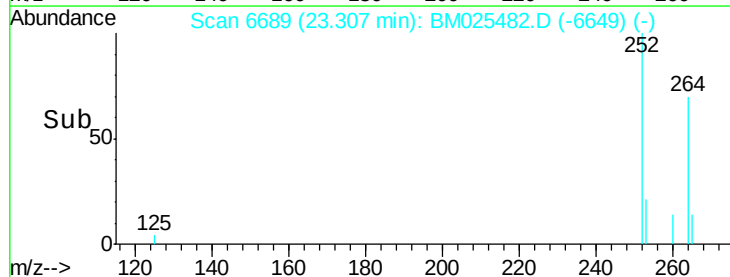
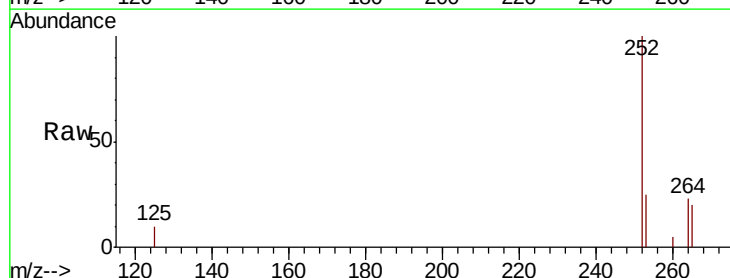
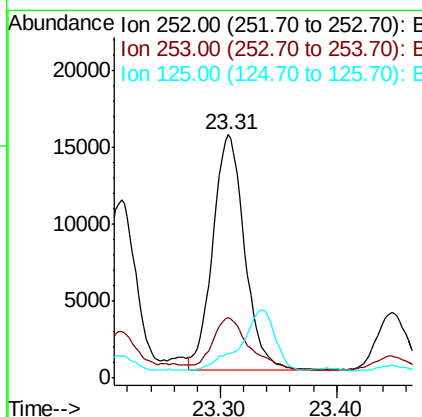
RT: 23.31 min Scan# 6689

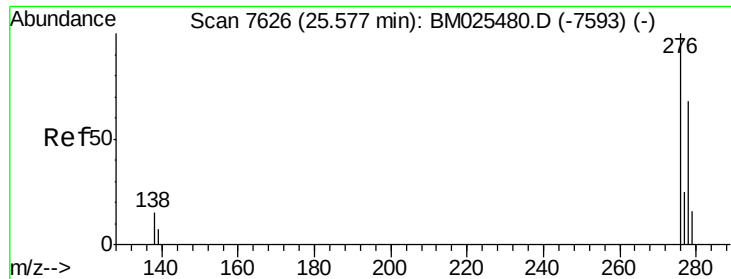
Delta R.T. -0.00 min

Lab File: BM025482.D

Acq: 11 Mar 2020 09:36

Tgt Ion:	252	Resp:	29201
Ion Ratio	Lower	Upper	
252	100		
253	24.7	21.3	31.9
125	10.2	8.5	12.7





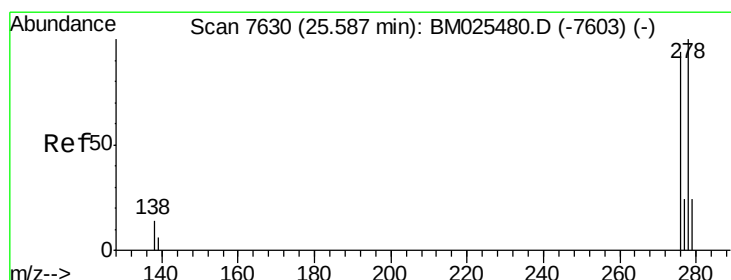
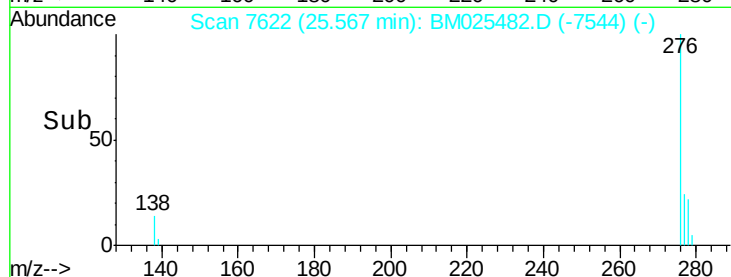
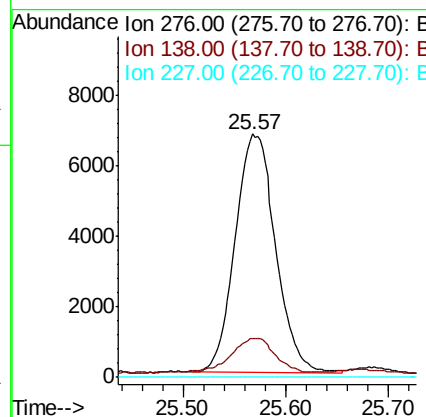
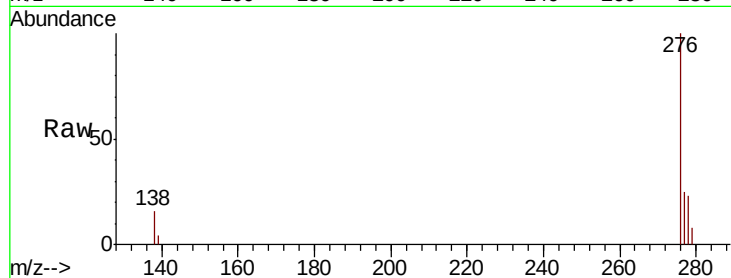
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.271 ng/ul
RT: 25.57 min Scan# 7622
Delta R.T. -0.01 min
Lab File: BM025482.D
Acq: 11 Mar 2020 09:36

Instrument :
BNA_M
ClientSampleId :
C0CC7

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

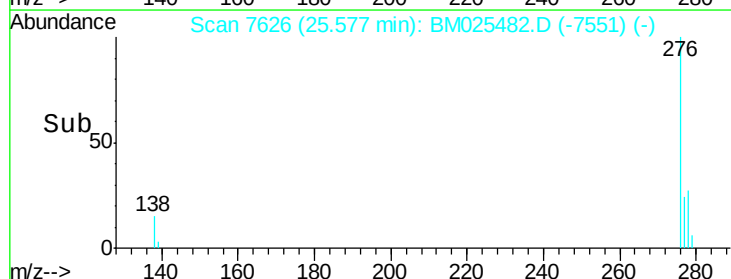
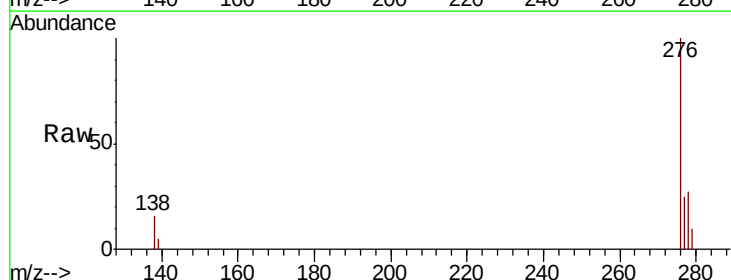
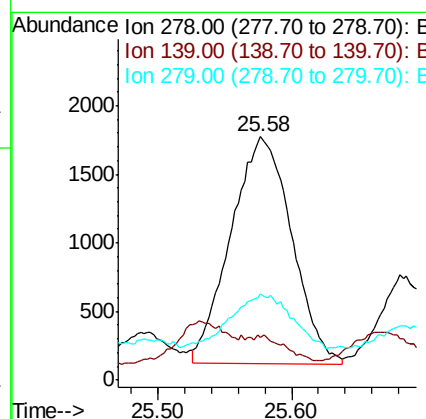
Manual Integrations
APPROVED

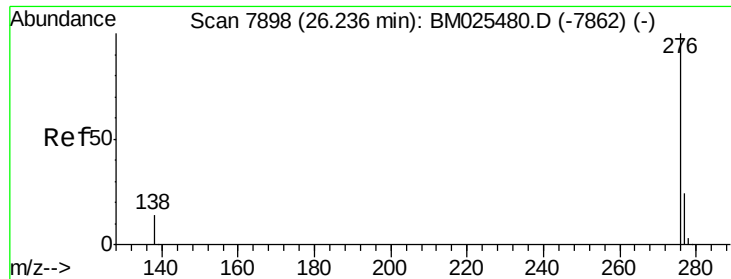
mohammad
3/13/2020 8:48:16 AM



#25
Dibenzo(a,h)anthracene
Concen: 0.091 ng/ul
RT: 25.58 min Scan# 7626
Delta R.T. -0.02 min
Lab File: BM025482.D
Acq: 11 Mar 2020 09:36

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.5	9.0	13.6#
279	35.5	21.1	31.7#





#26
 Benzo(a,h,i)perylene
 Concen: 0.262 ng/ul
 RT: 26.23 min Scan# 7896
 Delta R.T. -0.01 min
 Lab File: BM025482.D
 Acq: 11 Mar 2020 09:36

Instrument :
 BNA_M
 ClientSampleId :
 C0CC7

Tot Ion:	276	Resp:	15479
Ion Ratio	Lower	Upper	
276	100		
138	16.1	11.0	16.4
277	25.6	19.8	29.6

Manual Integrations
 APPROVED

mohammad
 3/13/2020 8:48:16 AM

