

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030920\
 Data File : BM025501.D
 Acq On : 11 Mar 2020 21:08
 Operator : CG/JU
 Sample : L1677-21
 Misc :
 ALS Vial : 94 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0CB8

Manual Integrations
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mohammad
 3/13/2020 8:49:19 AM

Quant Time: Mar 12 02:19:35 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 : Thu Mar 12 02:03:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	3716	0.40	ng/ul	0.00
2) Naphthalene-d8	10.43	136	16178	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.29	164	11342	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.03	188	24644	0.40	ng/ul	0.00
16) Chrysene-d12	21.22	240	17434	0.40	ng/ul	0.00
20) Perylene-d12	23.40	264	16336	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	2196	0.08	ng/ul	0.00
14) Fluoranthene-d10	19.06	212	5490	0.08	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.48	128	3434	0.072	ng/ul	95
5) 2-Methylnaphthalene	12.09	142	3142	0.092	ng/ul	99
7) Acenaphthylene	14.00	152	4828	0.104	ng/ul#	86
8) Acenaphthene	14.35	153	2907	0.072	ng/ul	99
9) Fluorene	15.34	166	5920	0.120	ng/ul#	96
12) Phenanthrene	17.07	178	101975	1.306	ng/ul	99
13) Anthracene	17.16	178	12509	0.184	ng/ul	99
15) Fluoranthene	19.09	202	183919	2.172	ng/ul	98
17) Pyrene	19.45	202	149489	1.910	ng/ul	99
18) Benzo(a)anthracene	21.20	228	63808	1.024	ng/ul	98
19) Chrysene	21.25	228	68804	0.983	ng/ul	98
21) Benzo(b)fluoranthene	22.75	252	79473m	1.229	ng/ul	
22) Benzo(k)fluoranthene	22.79	252	30425m	0.449	ng/ul	
23) Benzo(a)pyrene	23.31	252	51098	0.951	ng/ul	96
24) Indeno(1,2,3-cd)pyrene	25.57	276	36223	0.497	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.57	278	9894	0.161	ng/ul#	92
26) Benzo(a,h,i)perylene	26.23	276	33963	0.537	ng/ul	98

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

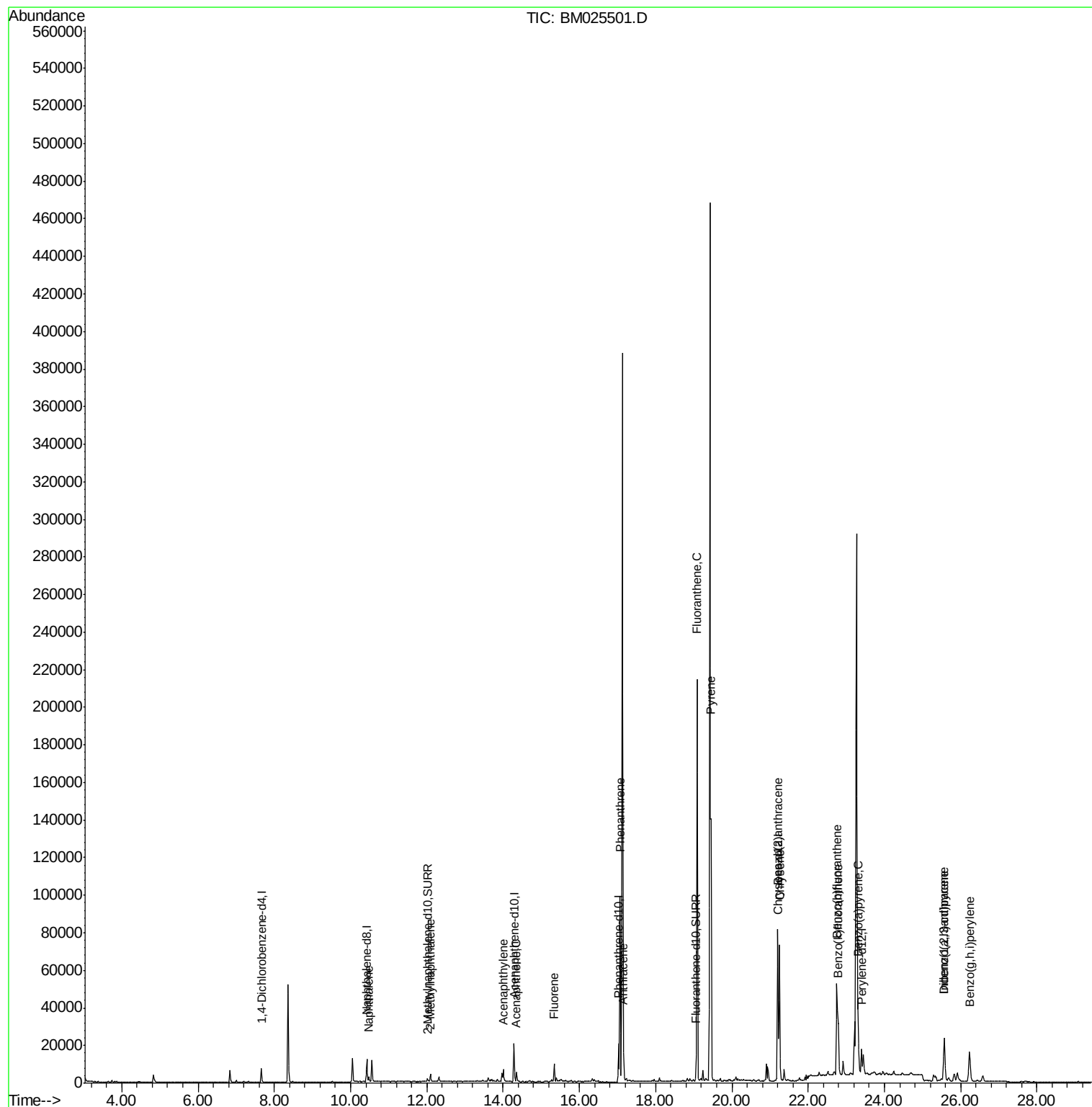
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030920\
Data File : BM025501.D
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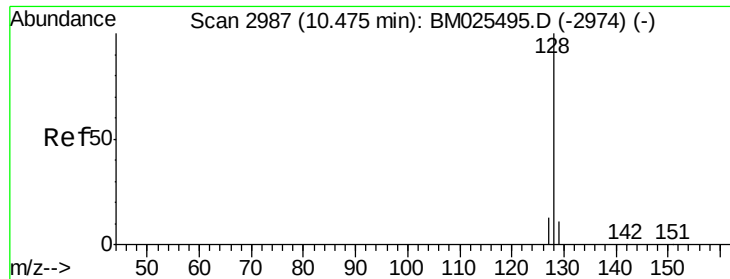
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 12 02:03:23 2020
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#3

Naphthalene

Concen: 0.072 ng/ul

RT: 10.48 min Scan# 2987

Delta R.T. -0.00 min

Lab File: BM025501.D

Acq: 11 Mar 2020 21:08

Instrument :

BNA_M

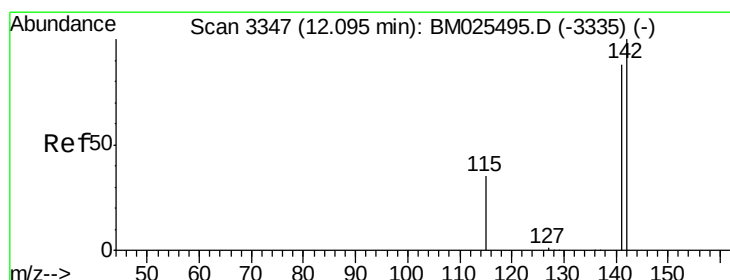
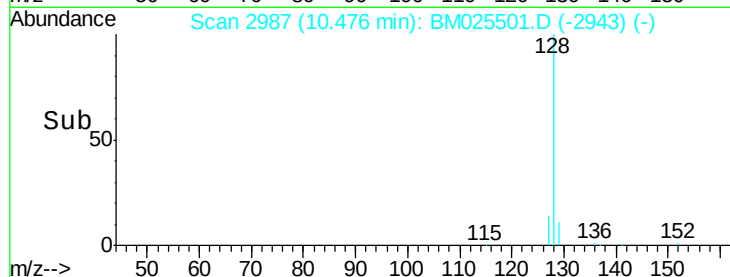
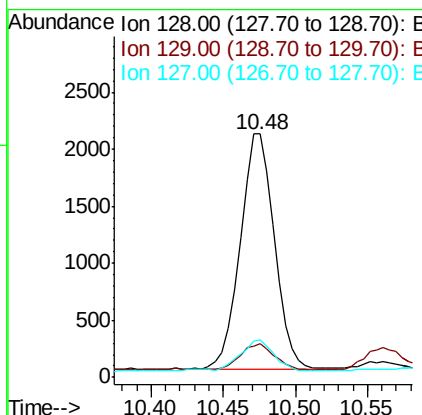
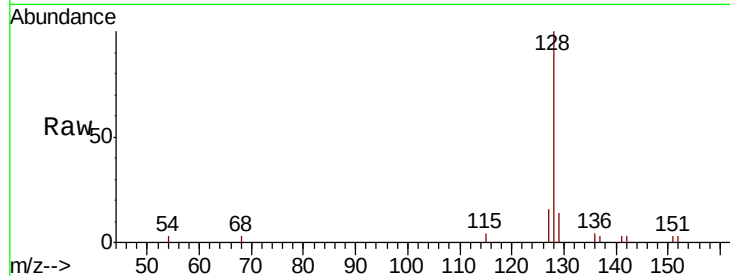
ClientSampleId :

C0CB8

Tot Ion:128	Resp:	3434
Ion Ratio	Lower	Upper
128	100	
129	13.6	9.4 14.0
127	15.7	10.9 16.3

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#5

2-Methylnaphthalene

Concen: 0.092 ng/ul

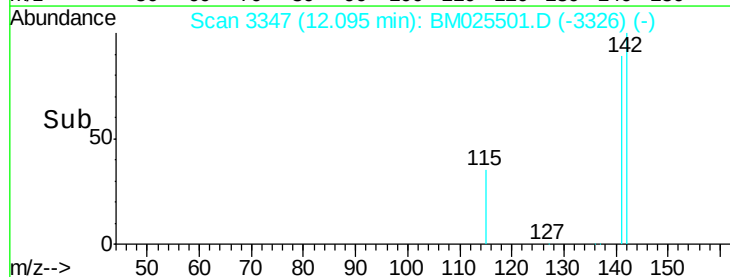
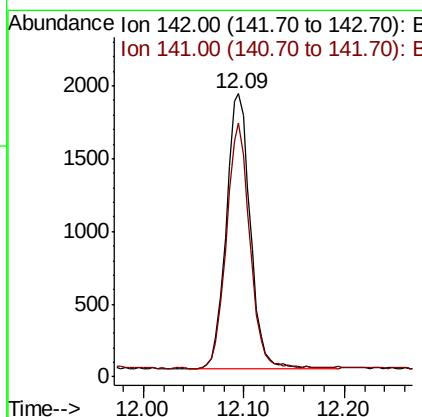
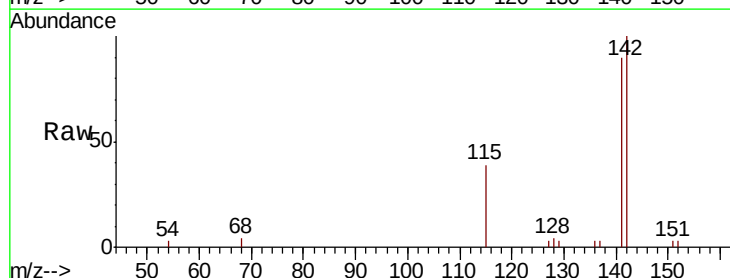
RT: 12.09 min Scan# 3347

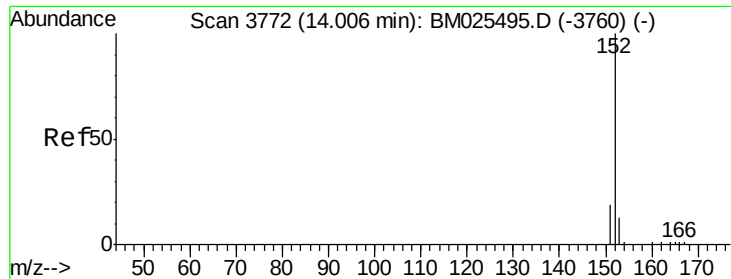
Delta R.T. -0.01 min

Lab File: BM025501.D

Acq: 11 Mar 2020 21:08

Tgt Ion:142	Resp:	3142
Ion Ratio	Lower	Upper
142	100	
141	86.6	69.8 104.6





#7

Acenaphthylene

Concen: 0.104 ng/ul

RT: 14.00 min Scan# 3771

Delta R.T. -0.01 min

Lab File: BM025501.D

Acq: 11 Mar 2020 21:08

Instrument :

BNA_M

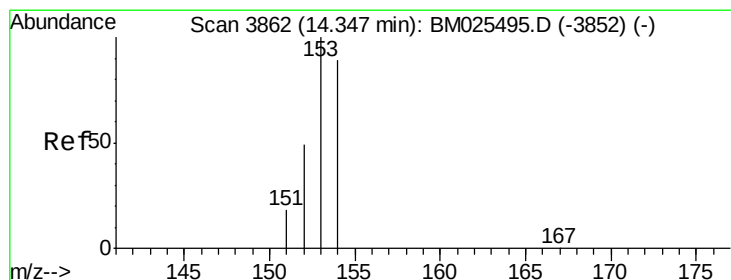
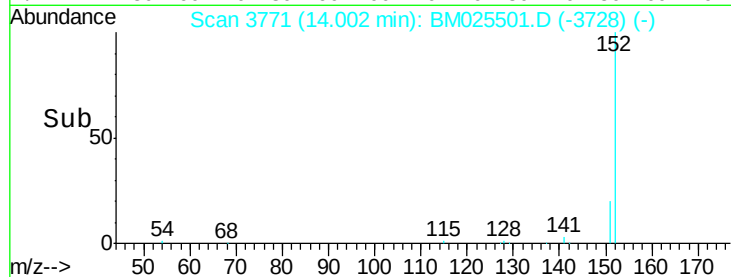
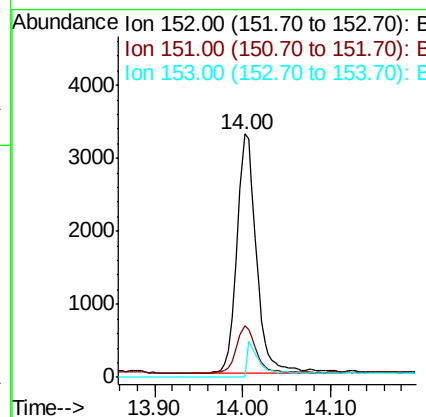
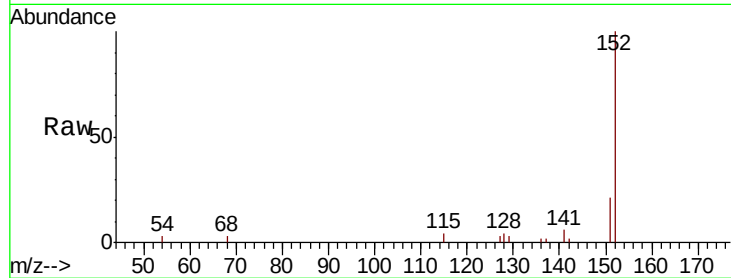
ClientSampleId :

C0CB8

Tot Ion:	152	Resp:	4828
Ion Ratio	Lower	Upper	
152	100		
151	21.1	16.2	24.2
153	0.0	10.6	16.0#

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#8

Acenaphthene

Concen: 0.072 ng/ul

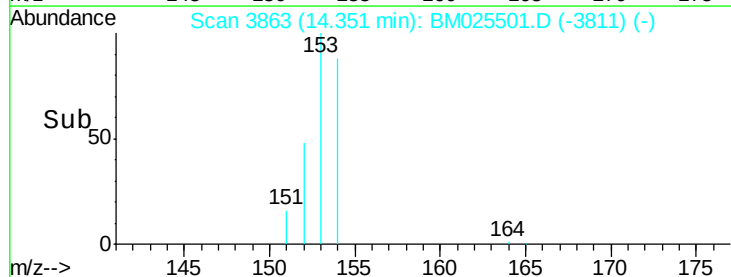
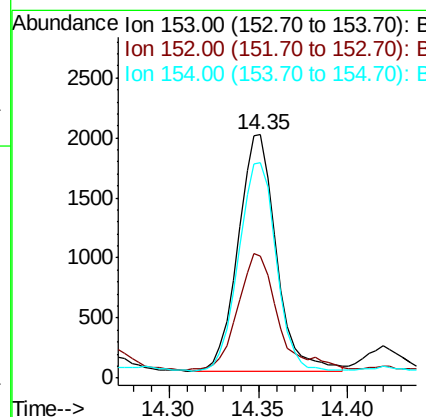
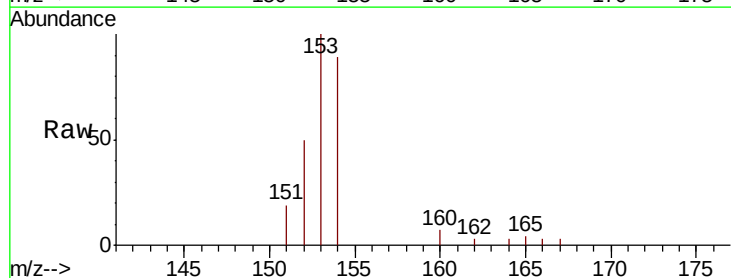
RT: 14.35 min Scan# 3863

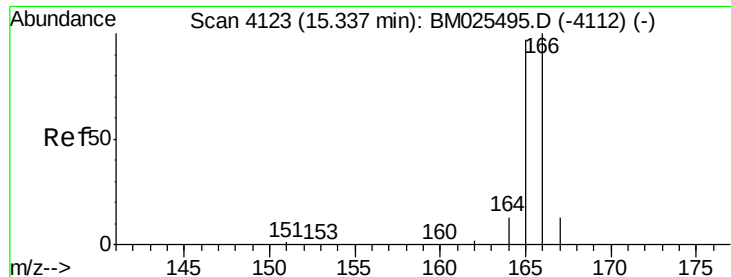
Delta R.T. -0.00 min

Lab File: BM025501.D

Acq: 11 Mar 2020 21:08

Tgt Ion:	153	Resp:	2907
Ion Ratio	Lower	Upper	
153	100		
152	50.3	39.5	59.3
154	88.7	71.7	107.5





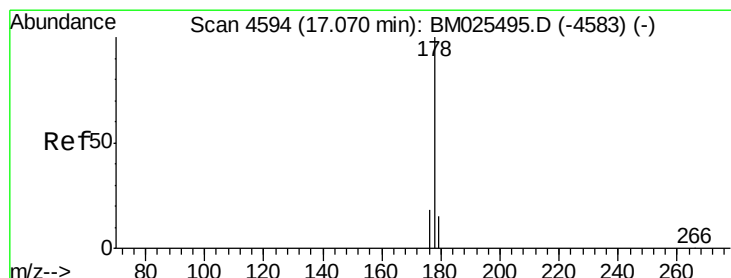
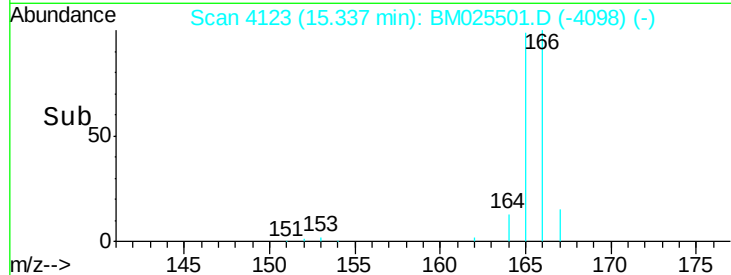
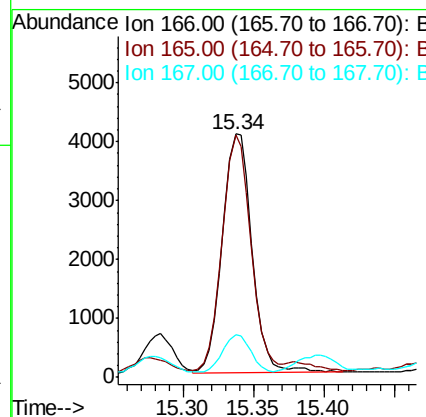
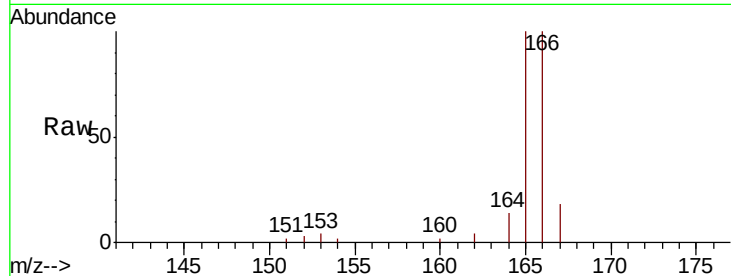
#9
Fluorene
 Concen: 0.120 ng/ul
 RT: 15.34 min Scan# 4123
 Delta R.T. -0.01 min
 Lab File: BM025501.D
 Acq: 11 Mar 2020 21:08

Instrument :
 BNA_M
 ClientSampled :
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Tot Ion	Ratio	Lower	Upper
166	100		
165	99.6	76.8	115.2
167	17.8	11.2	16.8

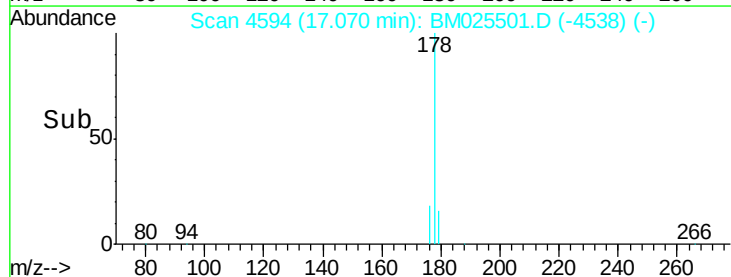
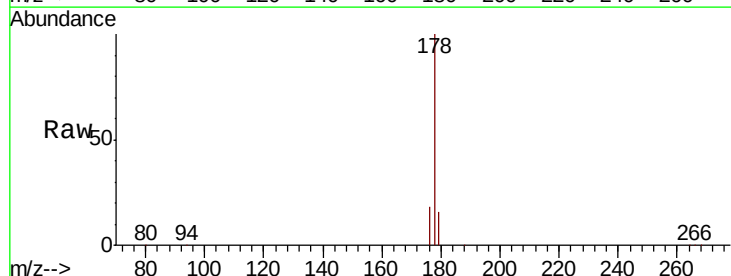
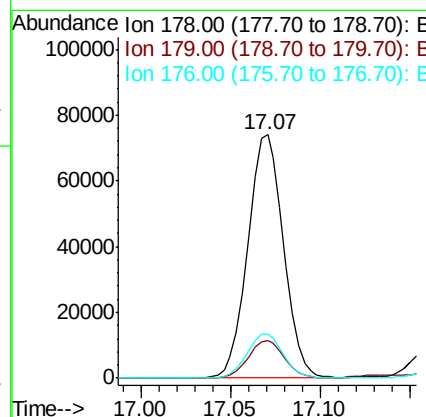
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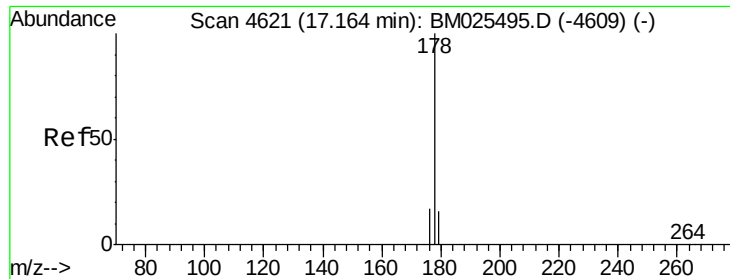
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#12
Phenanthrene
 Concen: 1.306 ng/ul
 RT: 17.07 min Scan# 4594
 Delta R.T. -0.01 min
 Lab File: BM025501.D
 Acq: 11 Mar 2020 21:08

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.4	18.6
176	18.1	14.8	22.2





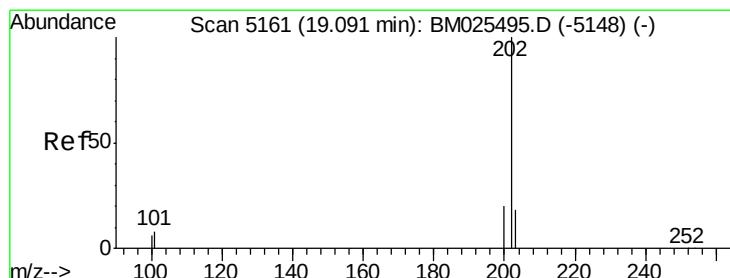
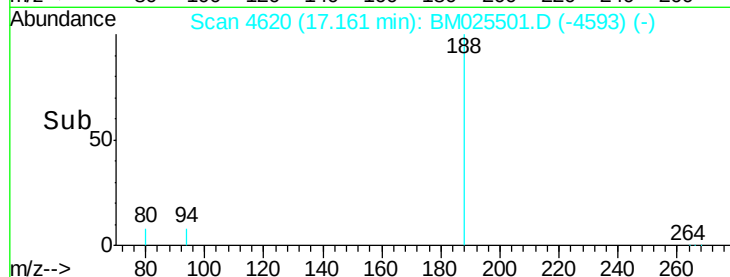
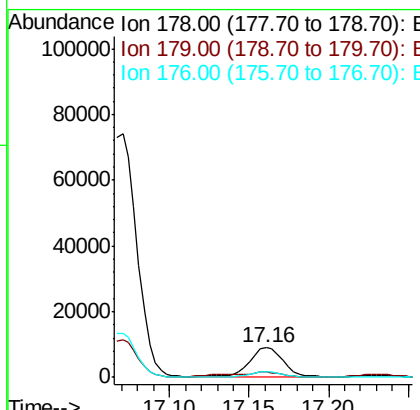
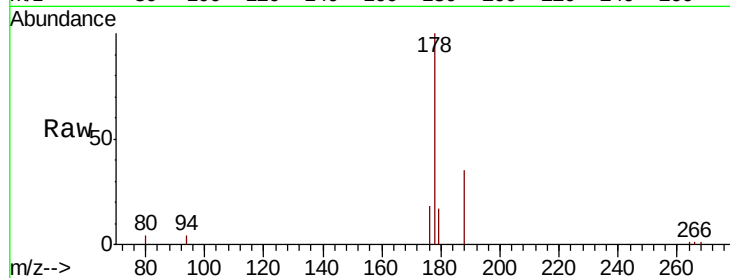
#13
 Anthracene
 Concen: 0.184 ng/ul
 RT: 17.16 min Scan# 4620
 Delta R.T. -0.01 min
 Lab File: BM025501.D
 Acq: 11 Mar 2020 21:08

Instrument :
 BNA_M
 ClientSampleId :
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Tot Ion	Ion	Ratio	Lower	Upper
178	100			
179	16.8	12.6	18.8	
176	17.9	14.5	21.7	

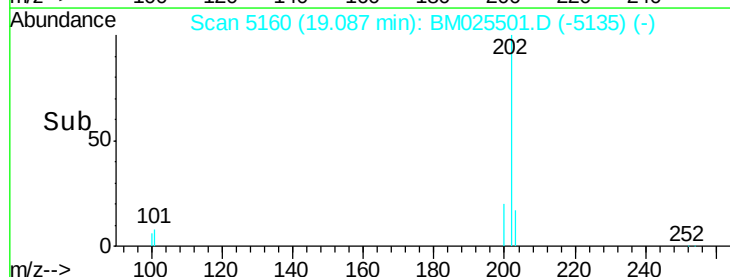
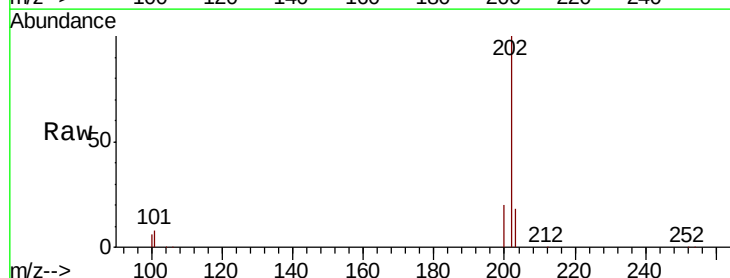
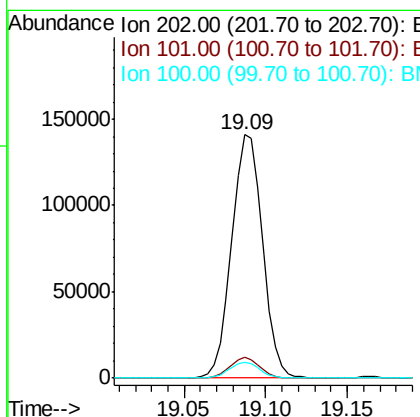
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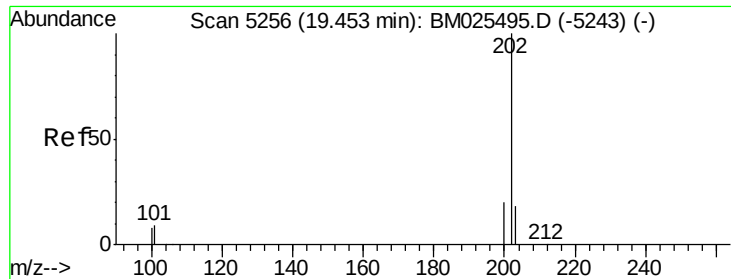
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#15
 Fluoranthene
 Concen: 2.172 ng/ul
 RT: 19.09 min Scan# 5160
 Delta R.T. -0.01 min
 Lab File: BM025501.D
 Acq: 11 Mar 2020 21:08

Tgt Ion	Ion	Ratio	Lower	Upper
202	100			
101	8.4	0.0	27.5	
100	6.5	0.0	26.0	





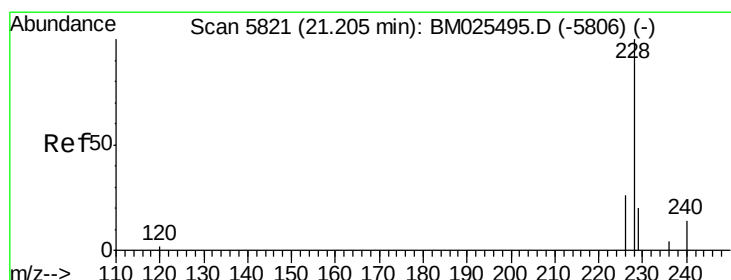
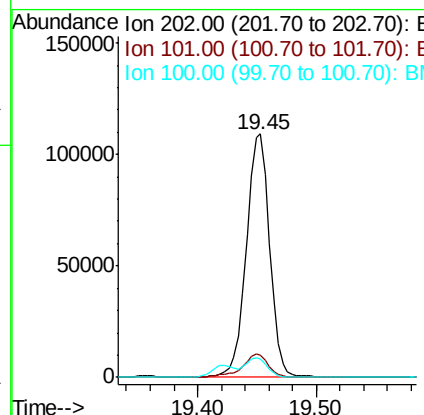
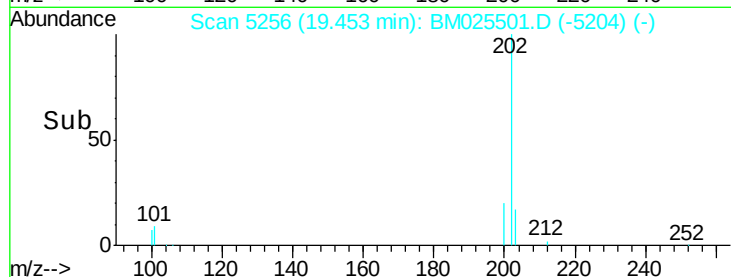
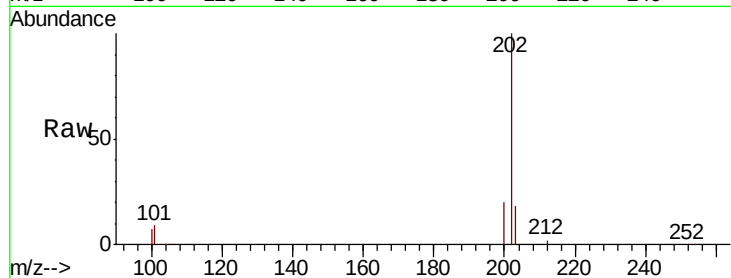
#17
Pvrene
Concen: 1.910 ng/ul
RT: 19.45 min Scan# 5256
Delta R.T. -0.00 min
Lab File: BM025501.D
Acq: 11 Mar 2020 21:08

Instrument :
BNA_M
ClientSampled :
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Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	9.3	7.1	10.7
100	7.4	6.0	9.0

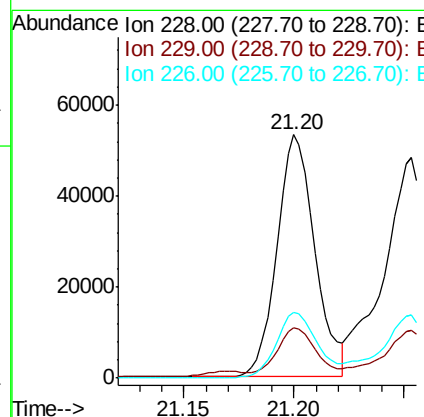
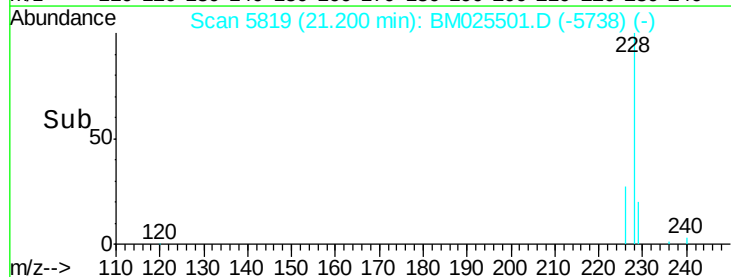
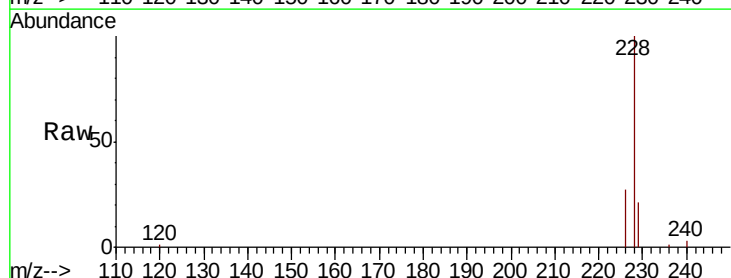
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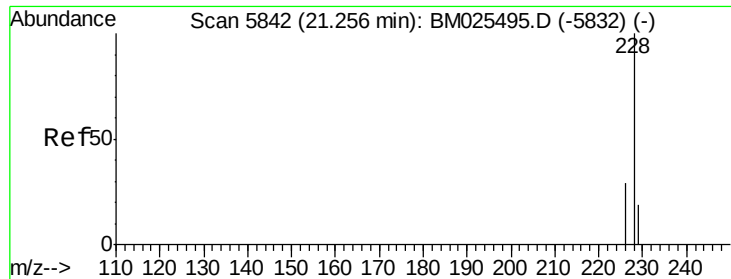
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#18
Benzo(a)anthracene
Concen: 1.024 ng/ul
RT: 21.20 min Scan# 5819
Delta R.T. -0.01 min
Lab File: BM025501.D
Acq: 11 Mar 2020 21:08

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	20.6	15.6	23.4
226	27.0	21.1	31.7





#19

Chrysene

Concen: 0.983 ng/ul

RT: 21.25 min Scan# 5841

Delta R.T. -0.00 min

Lab File: BM025501.D

Acq: 11 Mar 2020 21:08

Instrument :

BNA_M

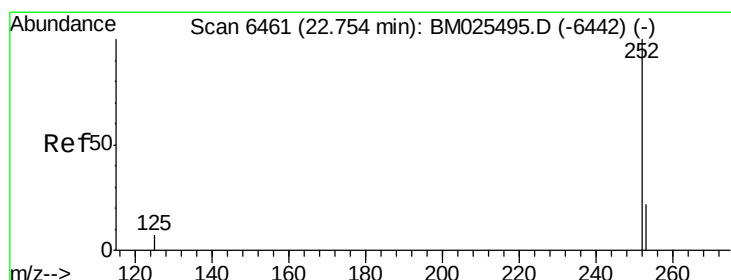
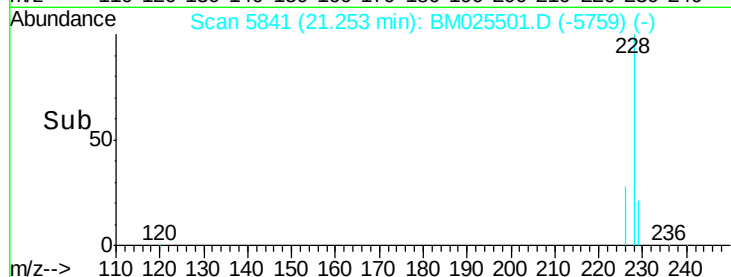
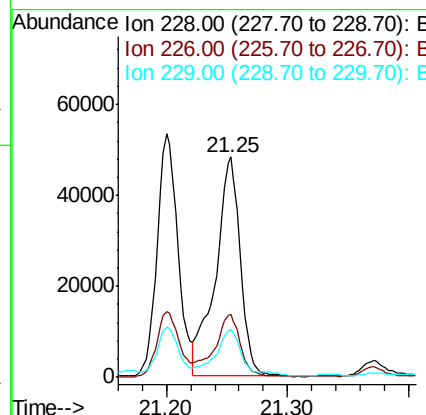
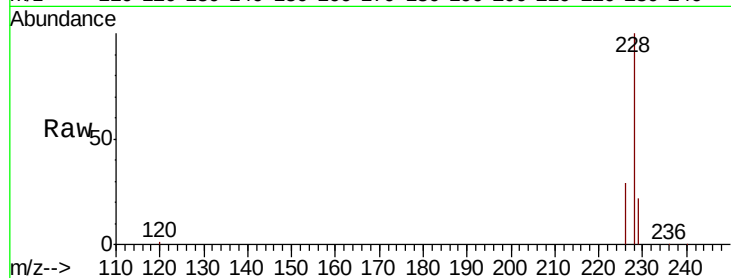
ClientSampleId :

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Tot Ion:	228	Resp:	68804
Ion	Ratio	Lower	Upper
228	100		
226	28.7	23.6	35.4
229	21.8	16.3	24.5

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#21

Benzo(b)fluoranthene

Concen: 1.229 ng/ul m

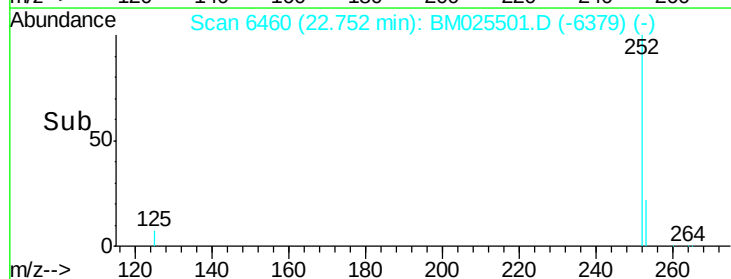
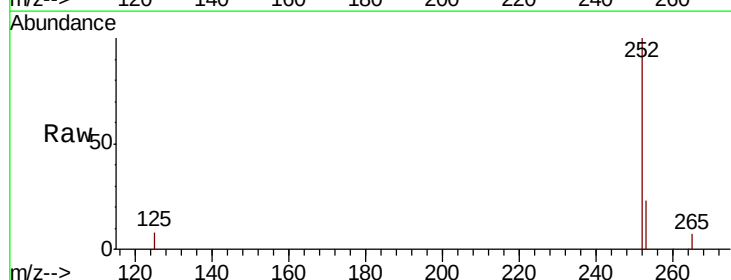
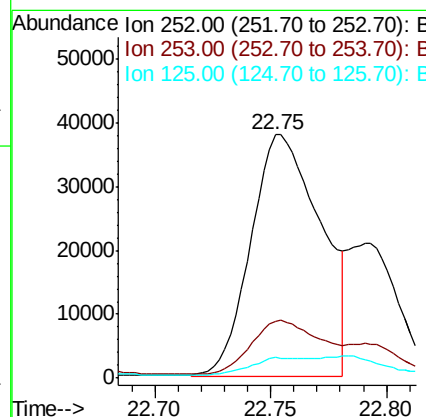
RT: 22.75 min Scan# 6460

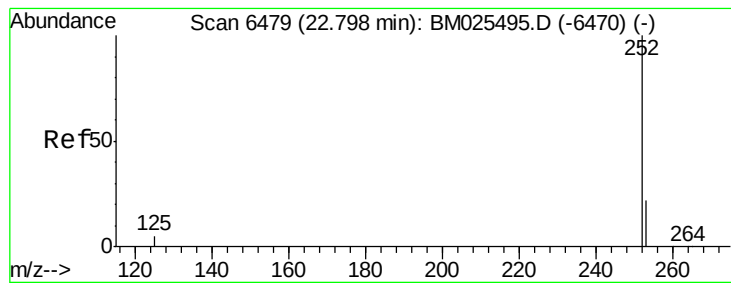
Delta R.T. -0.00 min

Lab File: BM025501.D

Acq: 11 Mar 2020 21:08

Tgt Ion:	252	Resp:	79473
Ion	Ratio	Lower	Upper
252	100		
253	23.4	0.0	50.2
125	8.4	0.0	17.6





#22

Benzo(k)fluoranthene

Concen: 0.449 ng/ul m

RT: 22.79 min Scan# 6477

Delta R.T. -0.01 min

Lab File: BM025501.D

Acq: 11 Mar 2020 21:08

Instrument :

BNA_M

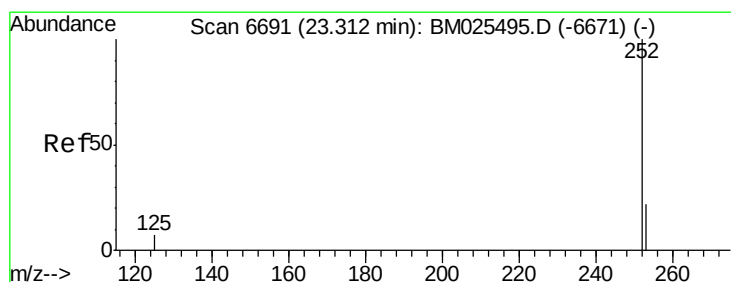
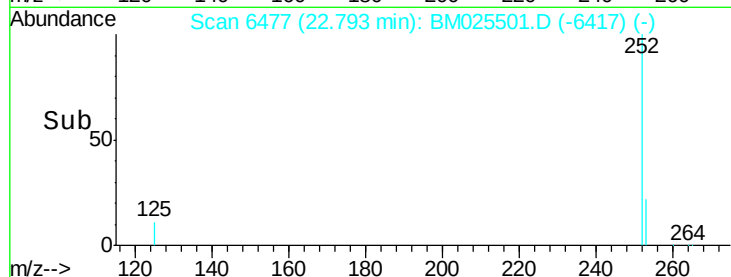
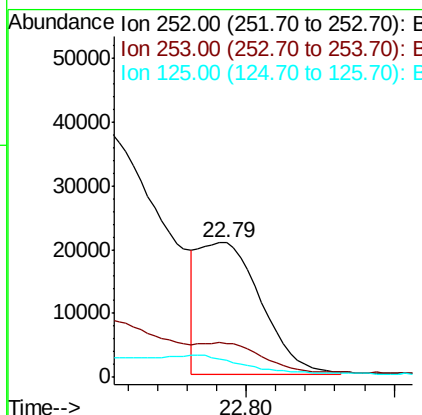
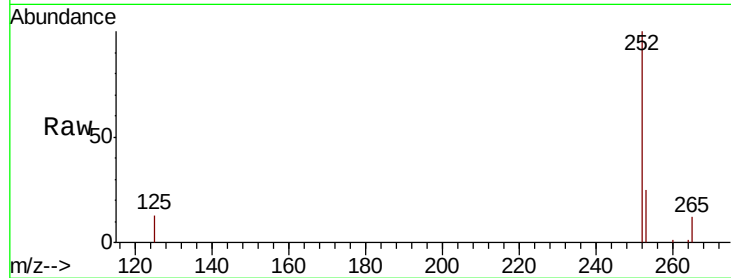
ClientSampled :

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Tot Ion	Ratio	Lower	Upper
252	100		
253	25.4	19.8	29.8
125	12.8	7.1	10.7

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#23

Benzo(a)pyrene

Concen: 0.951 ng/ul

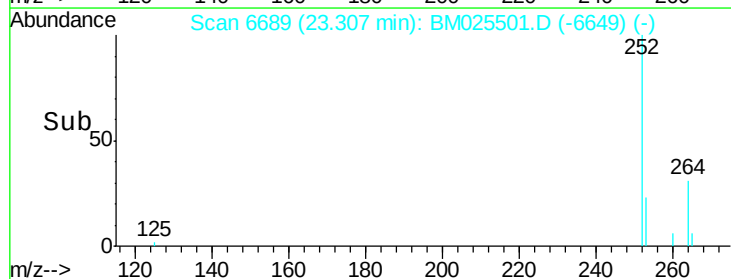
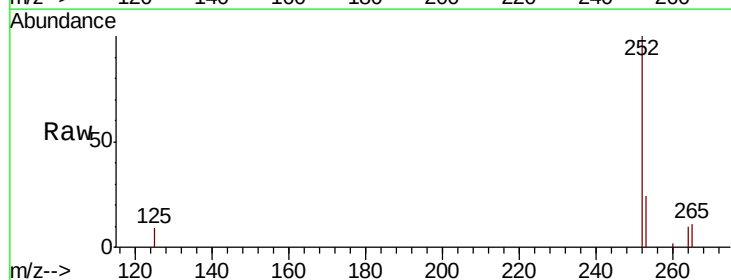
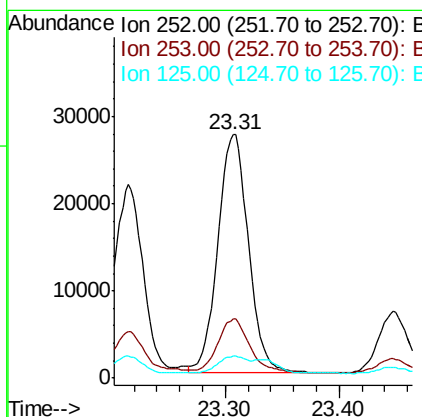
RT: 23.31 min Scan# 6689

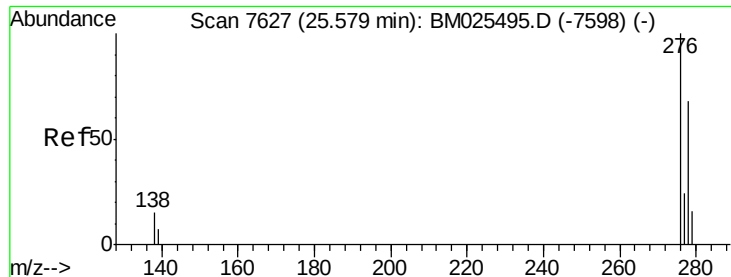
Delta R.T. -0.00 min

Lab File: BM025501.D

Acq: 11 Mar 2020 21:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.2	21.3	31.9
125	9.2	8.5	12.7





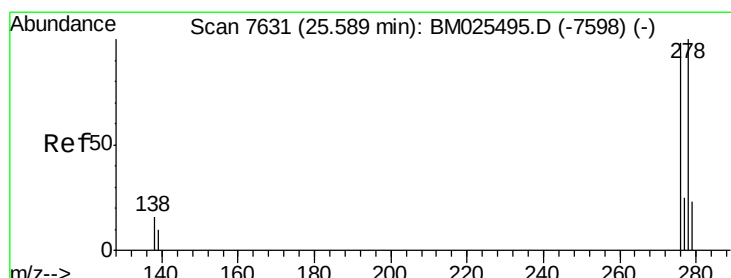
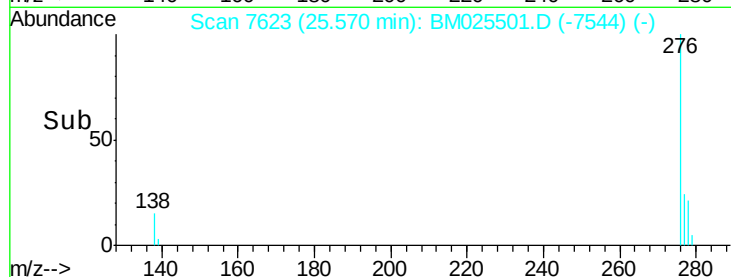
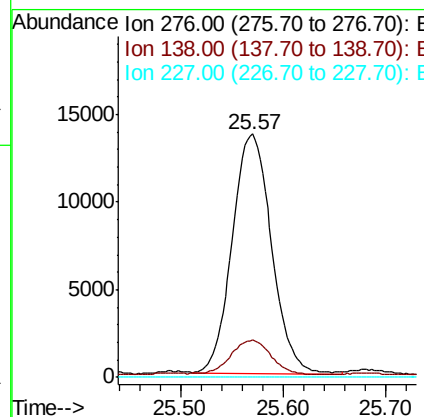
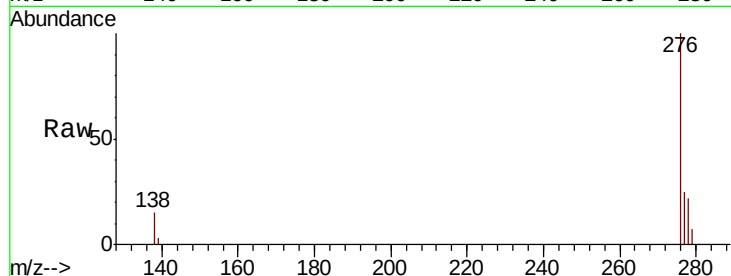
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.497 ng/ul
RT: 25.57 min Scan# 7623
Delta R.T. -0.01 min
Lab File: BM025501.D
Acq: 11 Mar 2020 21:08

Instrument :
BNA_M
ClientSampleId :
C0CB8

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

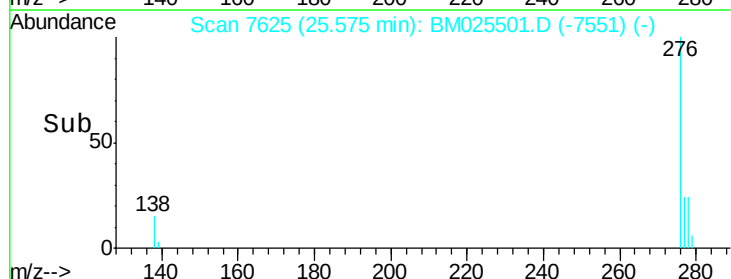
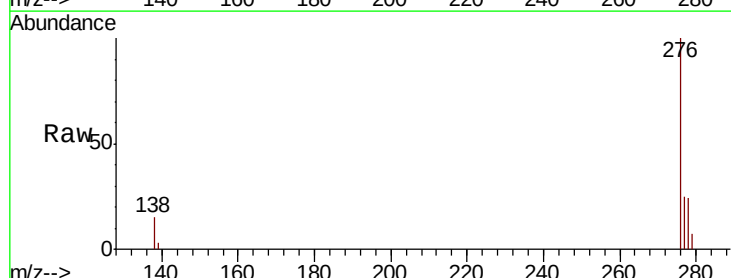
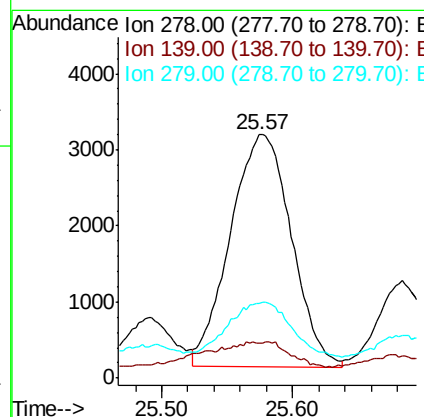
Manual Integrations
APPROVED

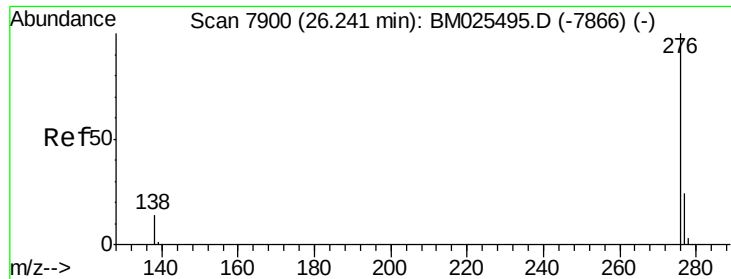
mohammad
3/13/2020 8:49:19 AM



#25
Dibenzo(a,h)anthracene
Concen: 0.161 ng/ul
RT: 25.57 min Scan# 7625
Delta R.T. -0.02 min
Lab File: BM025501.D
Acq: 11 Mar 2020 21:08

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.2	9.0	13.6#
279	30.6	21.1	31.7





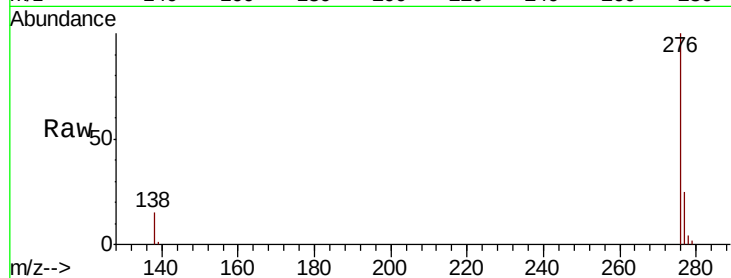
#26
 Benzo(a,h,i)perylene
 Concen: 0.537 ng/ul
 RT: 26.23 min Scan# 7897
 Delta R.T. -0.01 min
 Lab File: BM025501.D
 Acq: 11 Mar 2020 21:08

Instrument :
 BNA_M
 ClientSampleId :
 C0CB8

Tot Ion	Ratio	Lower	Upper
276	100		
138	15.5	11.0	16.4
277	24.6	19.8	29.6

Manual Integrations
 APPROVED

mohammad
 3/13/2020 8:49:19 AM



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

