

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031220\
 Data File : BM025520.D
 Acq On : 12 Mar 2020 13:29
 Operator : CG/JU
 Sample : L1677-21DL 2X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0CB8DL

Manual Integrations
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mohammad
 3/16/2020 1:50:00 PM

Quant Time: Mar 13 04:50:02 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 09 13:32:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	3019	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	13000	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.28	164	9083	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.03	188	19714	0.40	ng/ul	0.00
16) Chrysene-d12	21.22	240	14178	0.40	ng/ul	0.00
20) Perylene-d12	23.40	264	14144	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	2355	0.10	ng/ul	0.00
14) Fluoranthene-d10	19.06	212	5501	0.10	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.47	128	1407	0.037	ng/ul#	89
5) 2-Methylnaphthalene	12.09	142	1243	0.045	ng/ul	99
7) Acenaphthylene	14.00	152	2165	0.058	ng/ul#	93
8) Acenaphthene	14.35	153	1195	0.037	ng/ul	96
9) Fluorene	15.33	166	2468	0.062	ng/ul#	97
12) Phenanthrene	17.07	178	40651	0.651	ng/ul	100
13) Anthracene	17.16	178	5116	0.094	ng/ul	97
15) Fluoranthene	19.09	202	71225	1.052	ng/ul	100
17) Pyrene	19.45	202	60327	0.948	ng/ul	98
18) Benzo(a)anthracene	21.20	228	25049	0.494	ng/ul	97
19) Chrysene	21.25	228	28656	0.503	ng/ul	98
21) Benzo(b)fluoranthene	22.75	252	34484m	0.616	ng/ul	
22) Benzo(k)fluoranthene	22.79	252	13097m	0.223	ng/ul	
23) Benzo(a)pyrene	23.31	252	21862	0.470	ng/ul	98
24) Indeno(1,2,3-cd)pyrene	25.57	276	15859	0.251	ng/ul#	99
25) Dibenzo(a,h)anthracene	25.57	278	4366	0.082	ng/ul#	79
26) Benzo(a,h,i)perylene	26.23	276	15036	0.275	ng/ul	97

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

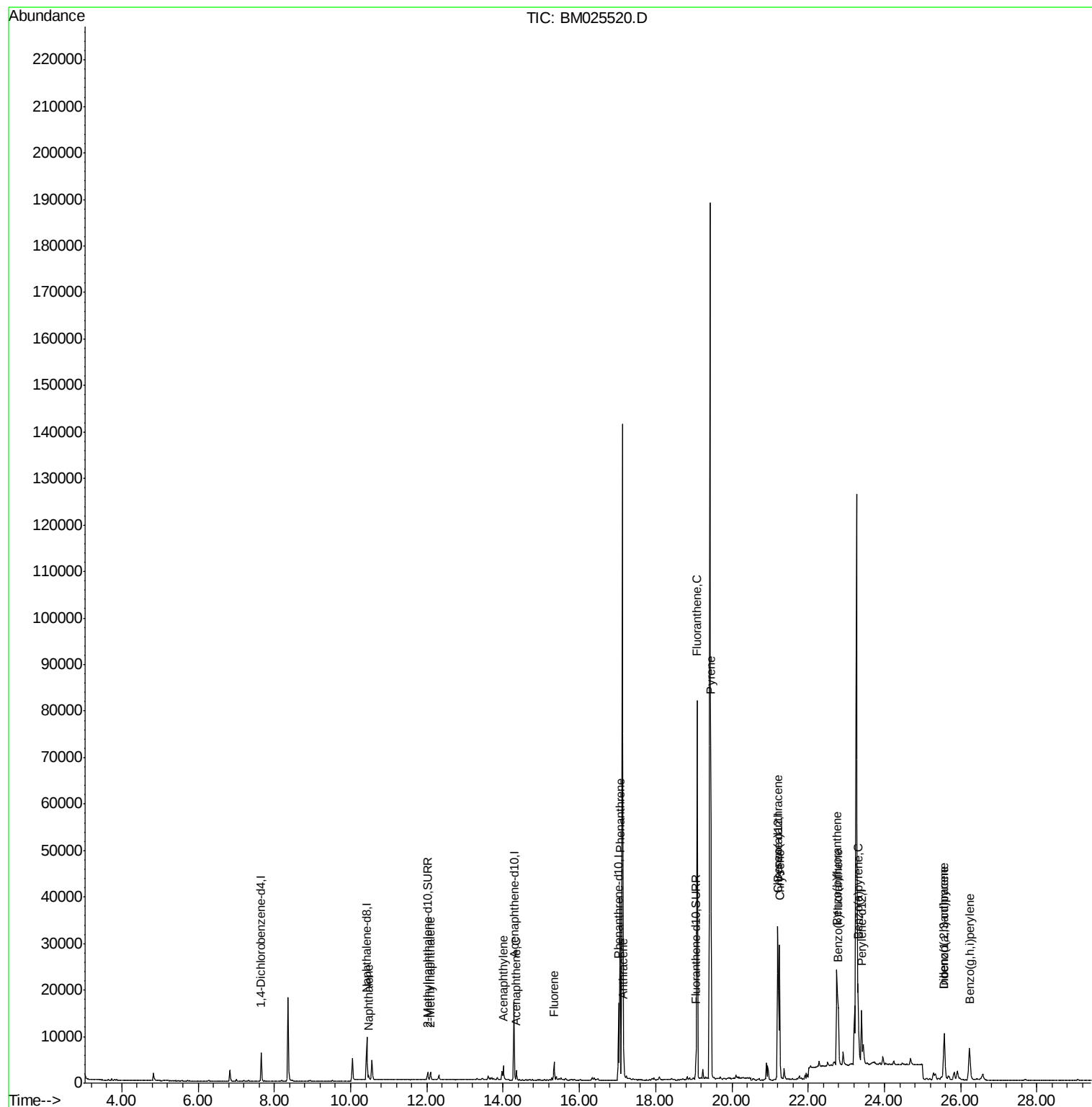
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031220\
Data File : BM025520.D
Acq On : 12 Mar 2020 13:29
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ALS Vial : 8 Sample Multiplier: 1

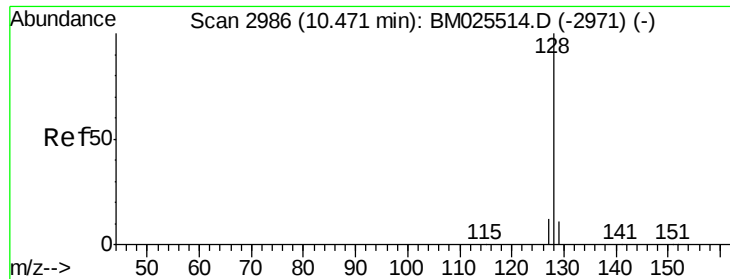
Instrument :
BNA_M
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C0CB8DL

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3/16/2020 1:50:00 PM

Quant Time: Mar 13 04:50:02 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 09 13:32:56 2020
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.037 ng/ul

RT: 10.47 min Scan# 2986

Delta R.T. -0.01 min

Lab File: BM025520.D

Acq: 12 Mar 2020 13:29

Instrument :

BNA_M

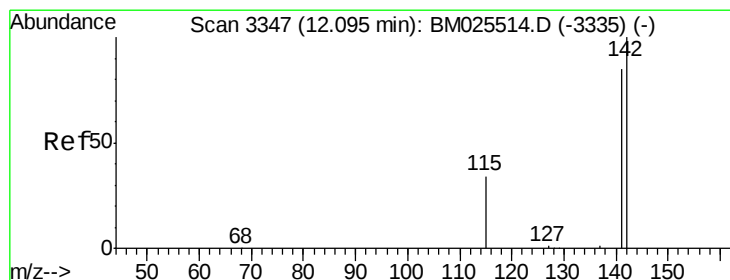
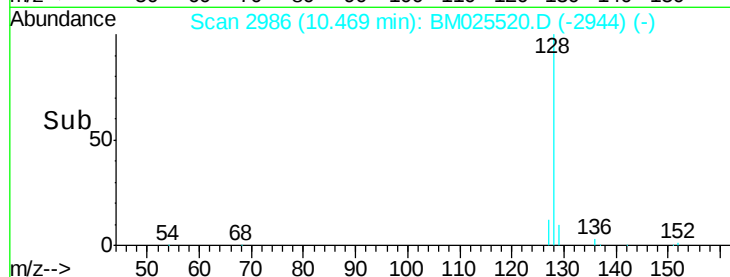
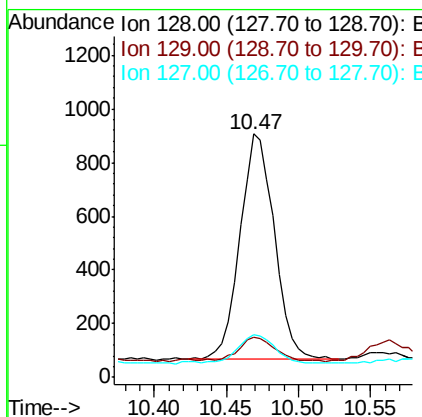
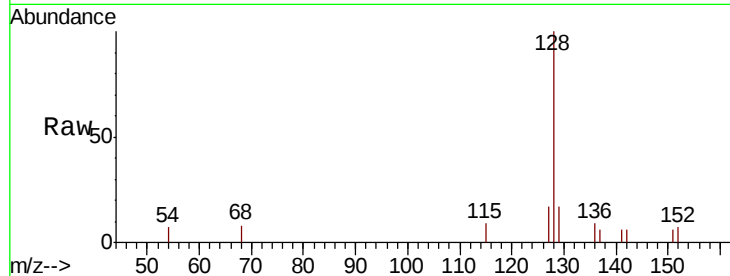
ClientSampleId :

C0CB8DL

Tot Ion:	128	Resp:	1407
Ion Ratio	Lower	Upper	
128	100		
129	16.6	9.4	14.0#
127	17.4	10.9	16.3#

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#5

2-Methylnaphthalene

Concen: 0.045 ng/ul

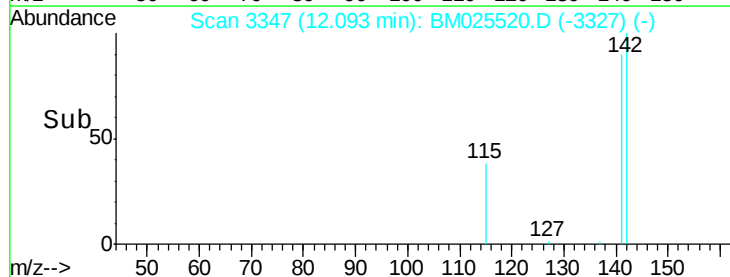
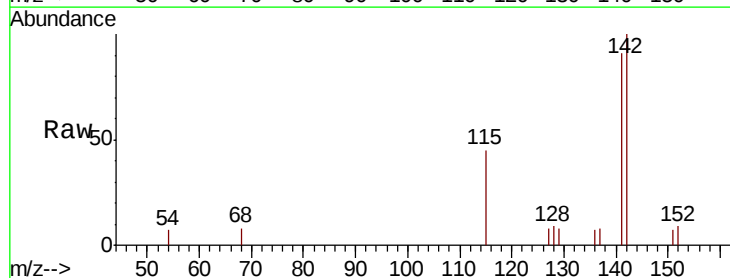
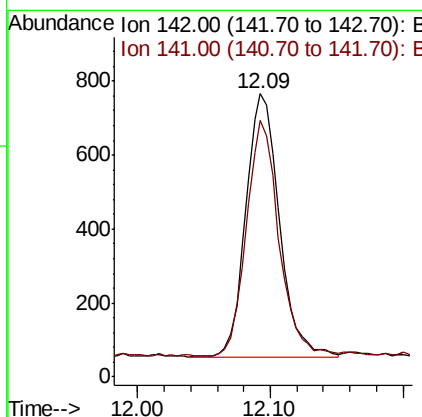
RT: 12.09 min Scan# 3347

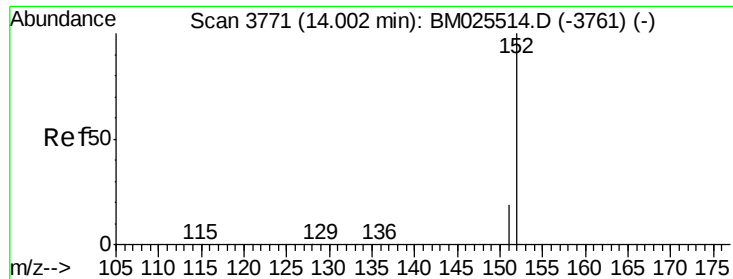
Delta R.T. -0.01 min

Lab File: BM025520.D

Acq: 12 Mar 2020 13:29

Tgt Ion:	142	Resp:	1243
Ion Ratio	Lower	Upper	
142	100		
141	88.5	69.8	104.6





#7

Acenaphthylene

Concen: 0.058 ng/ul

RT: 14.00 min Scan# 3772

Delta R.T. -0.00 min

Lab File: BM025520.D

Acq: 12 Mar 2020 13:29

Instrument :

BNA_M

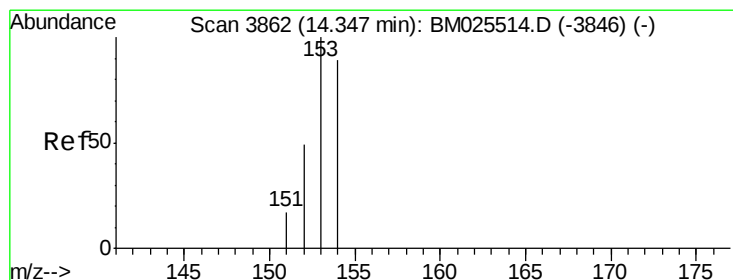
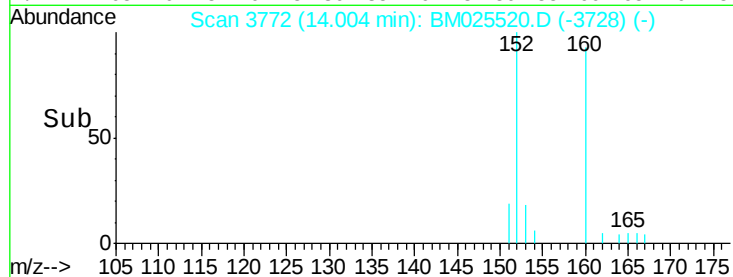
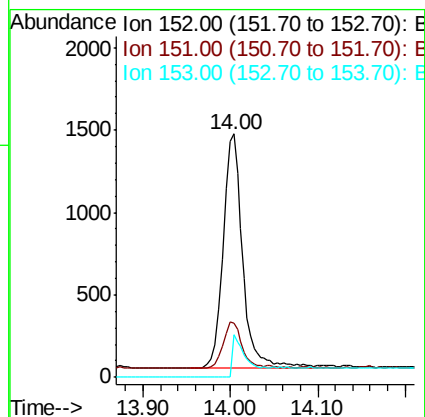
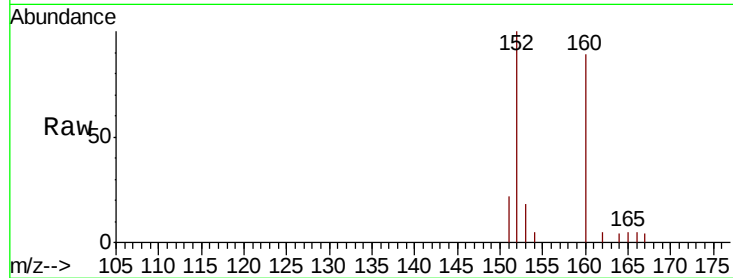
ClientSampleId :

C0CB8DL

Tot Ion:	152	Resp:	2165
Ion Ratio	Lower	Upper	
152	100		
151	22.4	16.2	24.2
153	17.7	10.6	16.0

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#8

Acenaphthene

Concen: 0.037 ng/ul

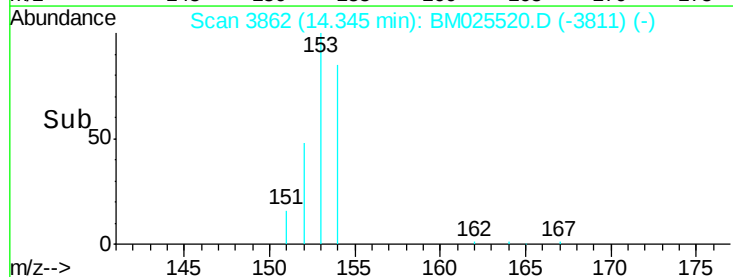
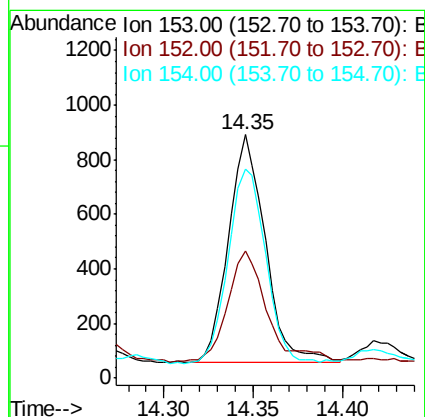
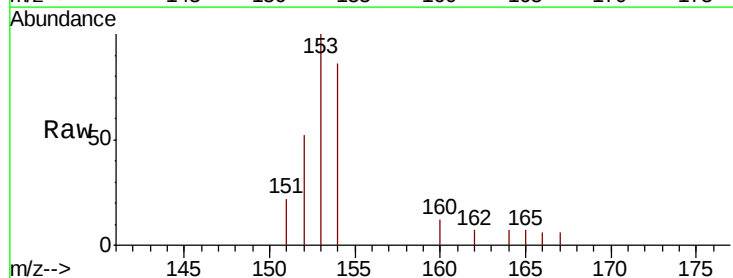
RT: 14.35 min Scan# 3862

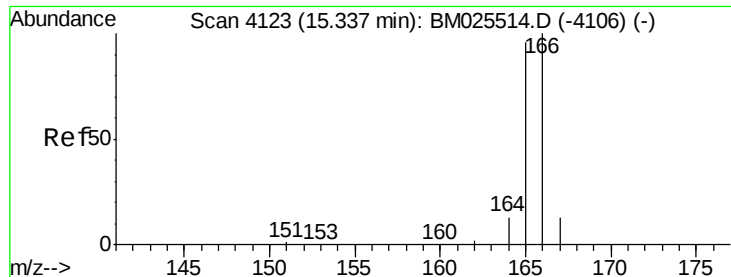
Delta R.T. -0.01 min

Lab File: BM025520.D

Acq: 12 Mar 2020 13:29

Tgt Ion:	153	Resp:	1195
Ion Ratio	Lower	Upper	
153	100		
152	52.5	39.5	59.3
154	86.0	71.7	107.5





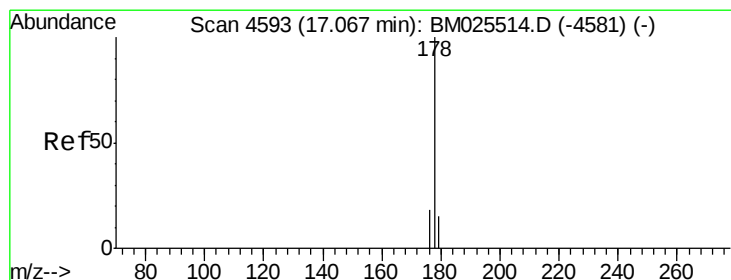
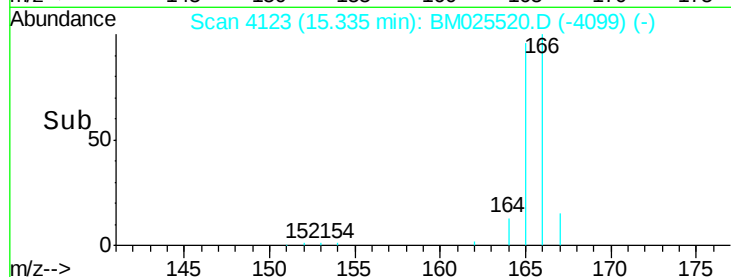
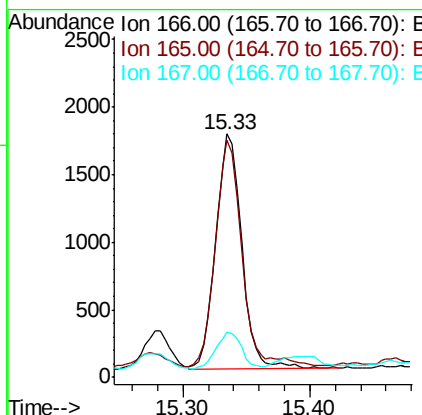
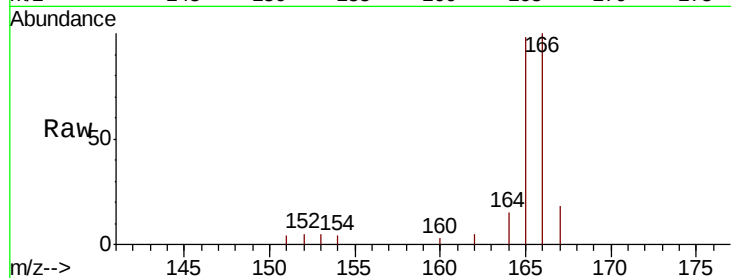
#9
Fluorene
 Concen: 0.062 ng/ul
 RT: 15.33 min Scan# 4123
 Delta R.T. -0.01 min
 Lab File: BM025520.D
 Acq: 12 Mar 2020 13:29

Instrument :
 BNA_M
 ClientSampleId :
 C0CB8DL

Tot Ion	Ratio	Lower	Upper
166	100		
165	97.6	76.8	115.2
167	18.4	11.2	16.8

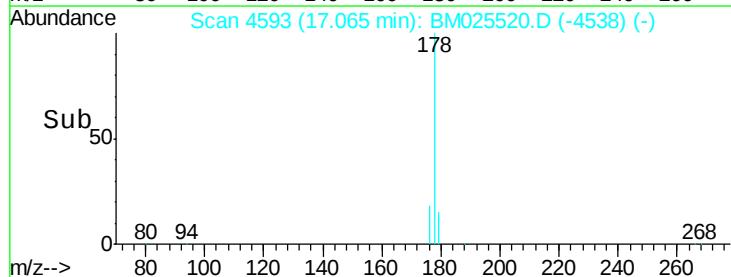
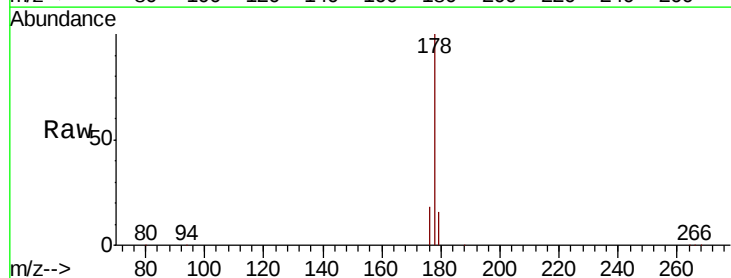
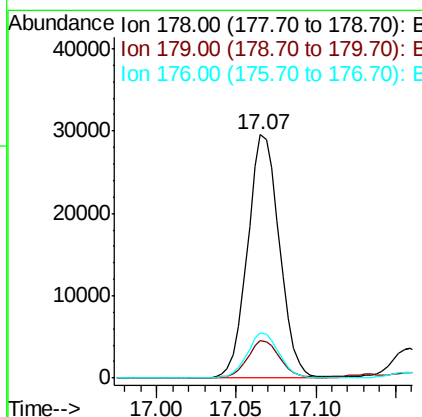
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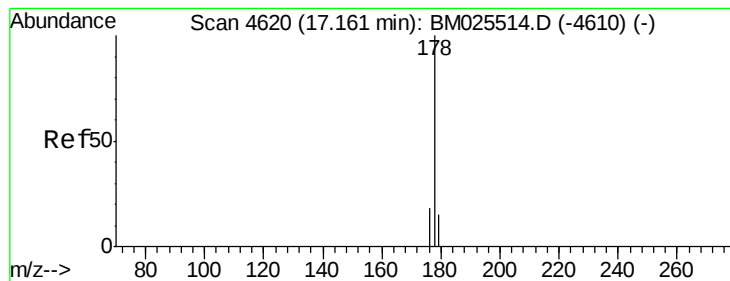
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#12
Phenanthrene
 Concen: 0.651 ng/ul
 RT: 17.07 min Scan# 4593
 Delta R.T. -0.01 min
 Lab File: BM025520.D
 Acq: 12 Mar 2020 13:29

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.4	18.6
176	18.4	14.8	22.2





#13

Anthracene

Concen: 0.094 ng/ul

RT: 17.16 min Scan# 4620

Delta R.T. -0.01 min

Lab File: BM025520.D

Acq: 12 Mar 2020 13:29

Instrument :

BNA_M

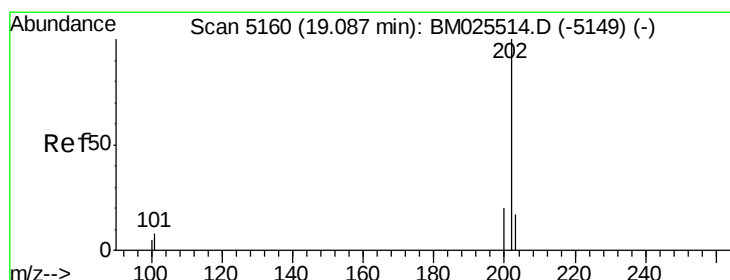
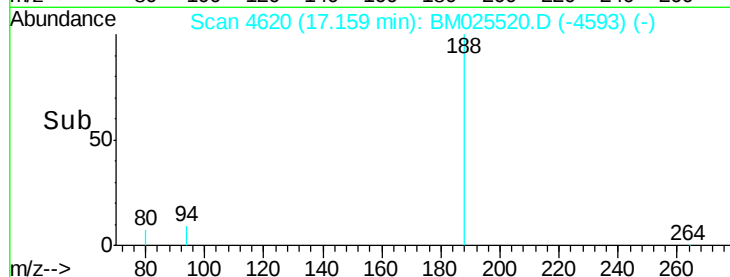
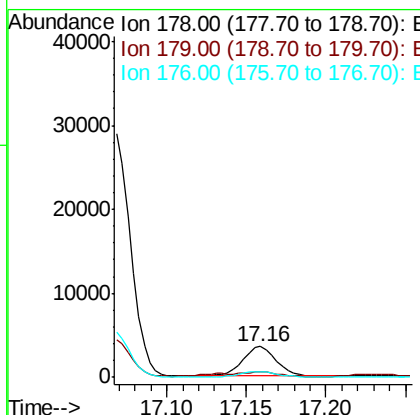
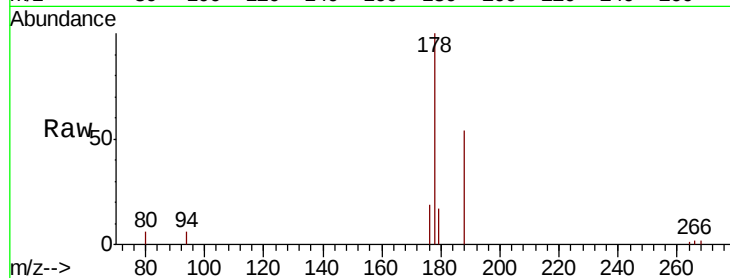
ClientSampleId :

C0CB8DL

Tot Ion:	178	Resp:	5116
Ion Ratio	Lower	Upper	
178	100		
179	17.2	12.6	18.8
176	19.3	14.5	21.7

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#15

Fluoranthene

Concen: 1.052 ng/ul

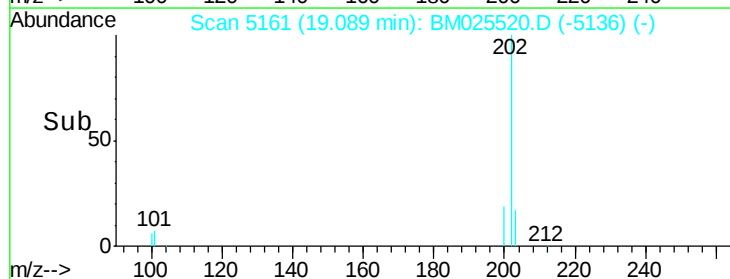
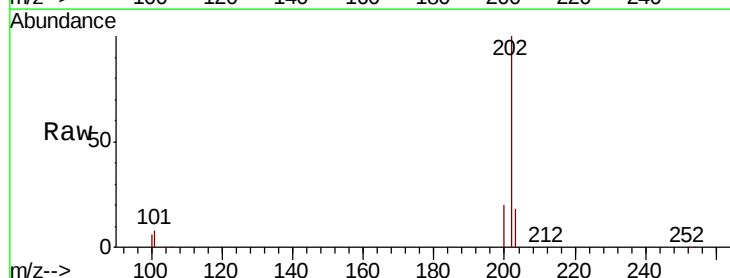
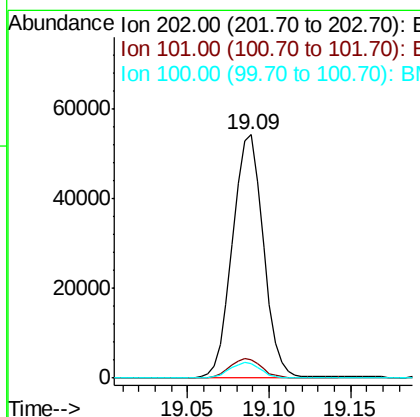
RT: 19.09 min Scan# 5161

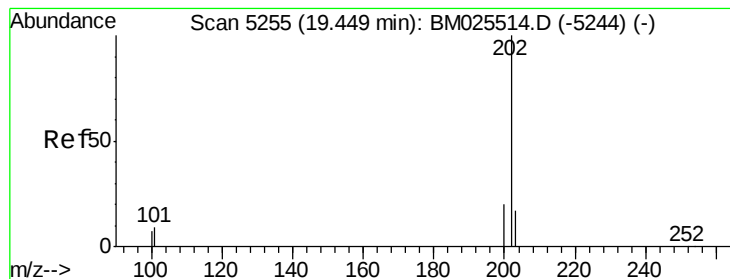
Delta R.T. -0.00 min

Lab File: BM025520.D

Acq: 12 Mar 2020 13:29

Tgt Ion:	202	Resp:	71225
Ion Ratio	Lower	Upper	
202	100		
101	7.6	0.0	27.5
100	5.9	0.0	26.0





#17

Pvrene

Concen: 0.948 ng/ul

RT: 19.45 min Scan# 5255

Delta R.T. -0.01 min

Lab File: BM025520.D

Acq: 12 Mar 2020 13:29

Instrument :

BNA_M

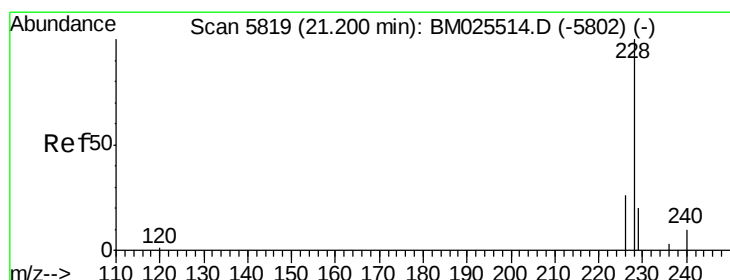
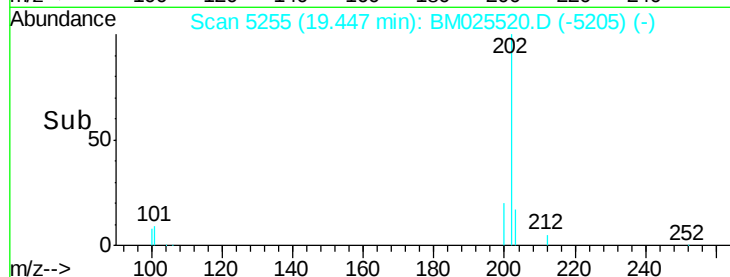
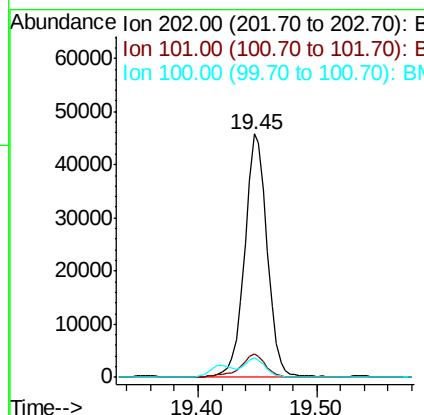
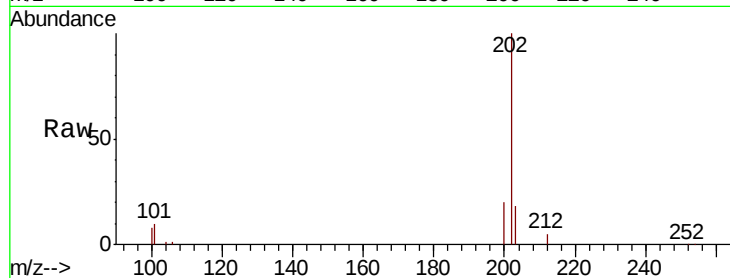
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Tot Ion:	202	Resp:	60327
Ion Ratio	Lower	Upper	
202	100		
101	9.5	7.1	10.7
100	8.0	6.0	9.0

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#18

Benzo(a)anthracene

Concen: 0.494 ng/ul

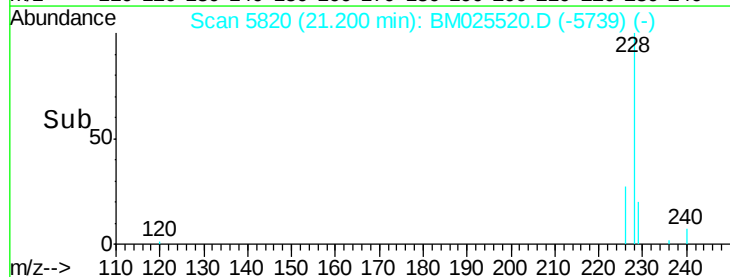
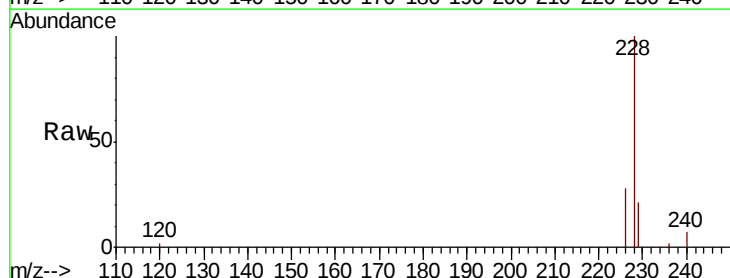
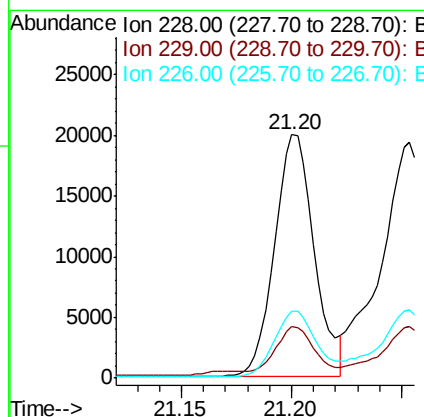
RT: 21.20 min Scan# 5820

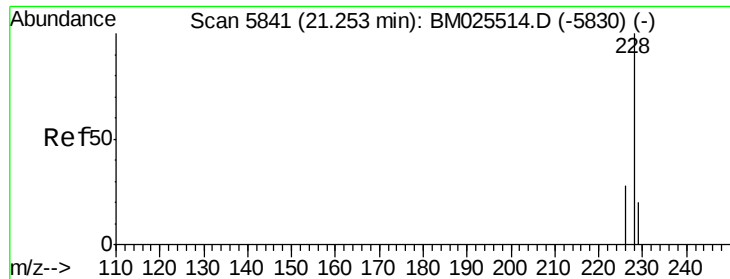
Delta R.T. -0.00 min

Lab File: BM025520.D

Acq: 12 Mar 2020 13:29

Tgt Ion:	228	Resp:	25049
Ion Ratio	Lower	Upper	
228	100		
229	21.0	15.6	23.4
226	27.6	21.1	31.7





#19

Chrysene

Concen: 0.503 ng/ul

RT: 21.25 min Scan# 5842

Delta R.T. -0.00 min

Lab File: BM025520.D

Acq: 12 Mar 2020 13:29

Instrument :

BNA_M

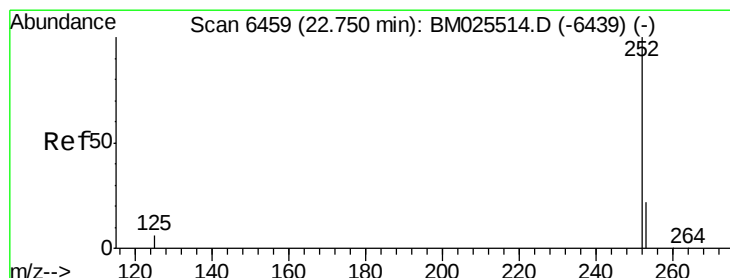
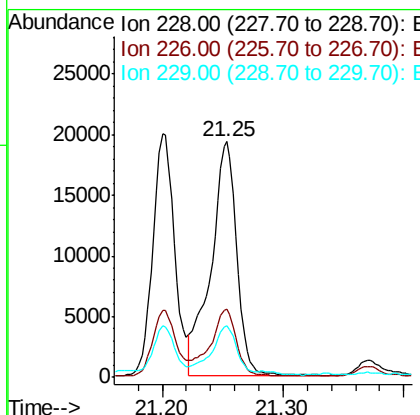
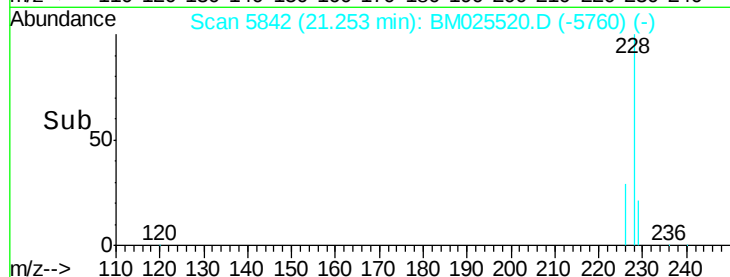
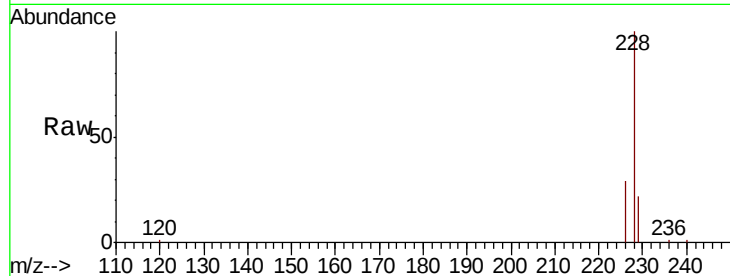
ClientSampleId :

C0CB8DL

Tot Ion:	228	Resp:	28656
Ion Ratio	Lower	Upper	
228	100		
226	29.1	23.6	35.4
229	21.9	16.3	24.5

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#21

Benzo(b)fluoranthene

Concen: 0.616 ng/ul m

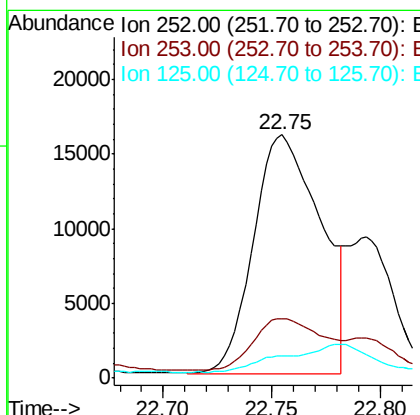
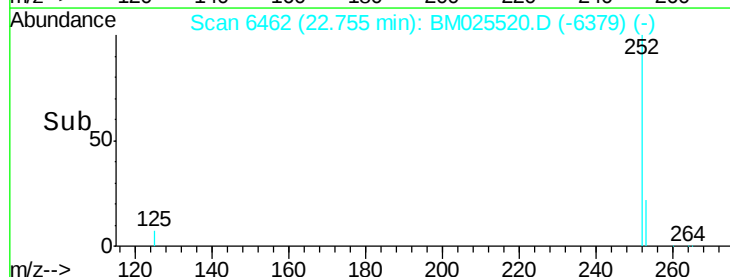
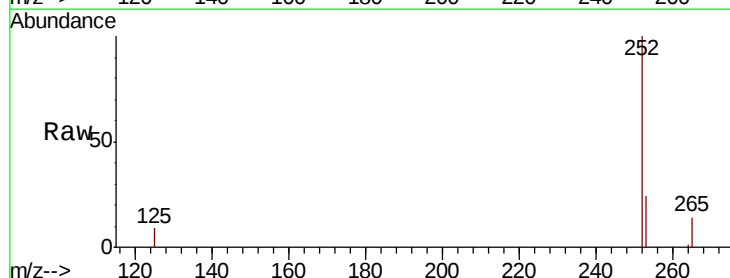
RT: 22.75 min Scan# 6462

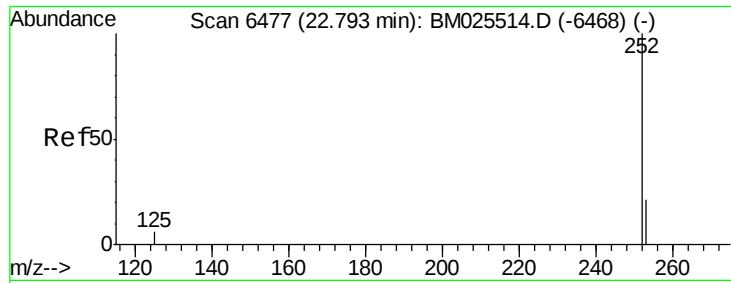
Delta R.T. 0.00 min

Lab File: BM025520.D

Acq: 12 Mar 2020 13:29

Tgt Ion:	252	Resp:	34484
Ion Ratio	Lower	Upper	
252	100		
253	24.4	0.0	50.2
125	9.2	0.0	17.6





#22

Benzo(k)fluoranthene

Concen: 0.223 ng/ul m

RT: 22.79 min Scan# 6478

Delta R.T. -0.00 min

Lab File: BM025520.D

Acq: 12 Mar 2020 13:29

Instrument :

BNA_M

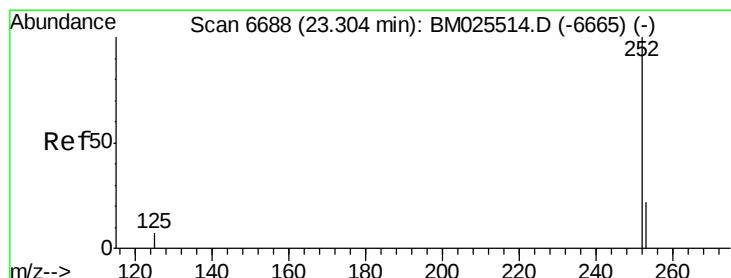
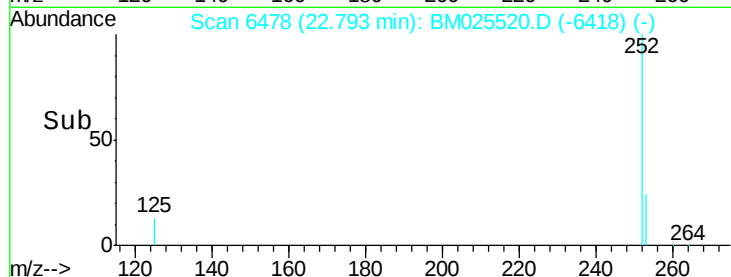
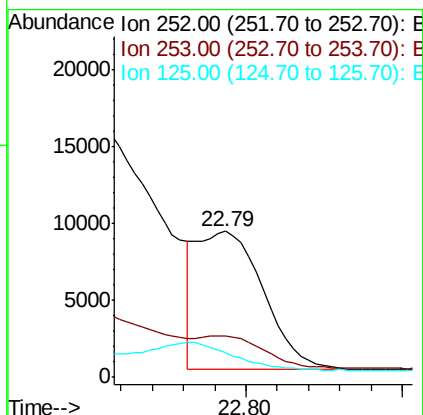
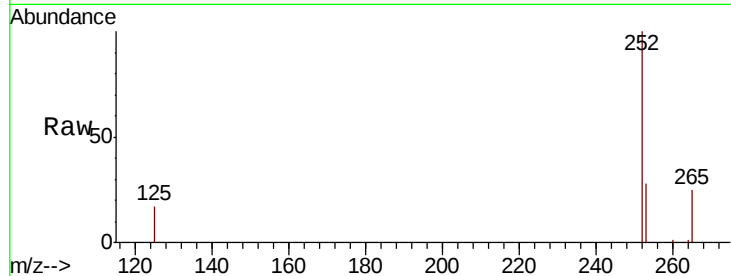
ClientSampleId :

C0CB8DL

Tot Ion:	252	Resp:	13097
Ion Ratio	Lower	Upper	
252	100		
253	28.4	19.8	29.8
125	16.9	7.1	10.7#

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#23

Benzo(a)pyrene

Concen: 0.470 ng/ul

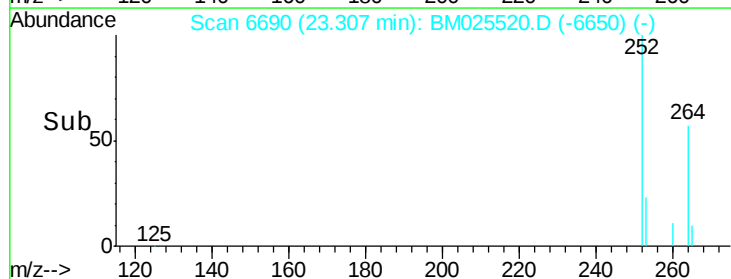
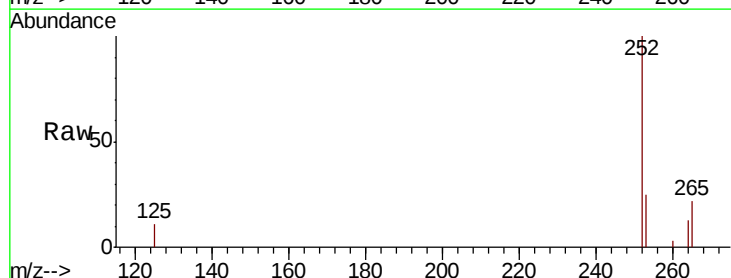
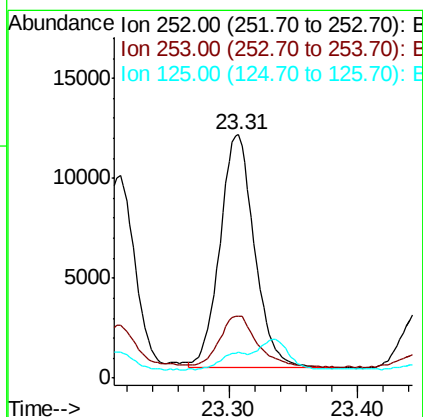
RT: 23.31 min Scan# 6690

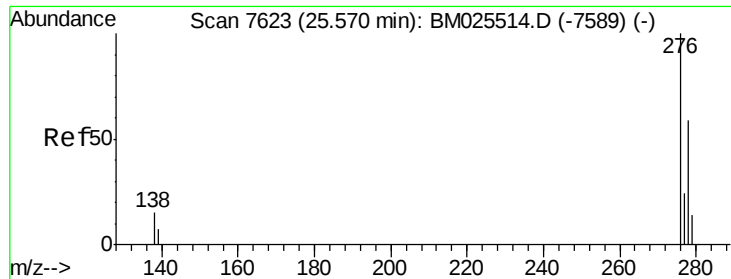
Delta R.T. -0.00 min

Lab File: BM025520.D

Acq: 12 Mar 2020 13:29

Tgt Ion:	252	Resp:	21862
Ion Ratio	Lower	Upper	
252	100		
253	25.4	21.3	31.9
125	10.7	8.5	12.7





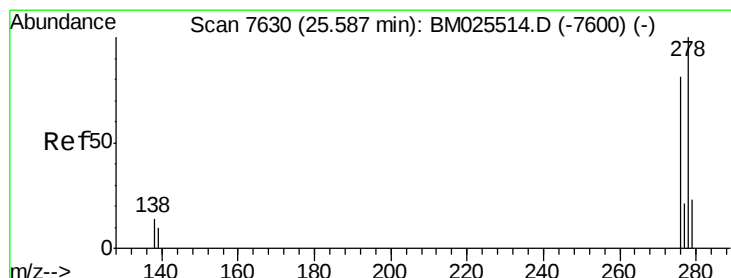
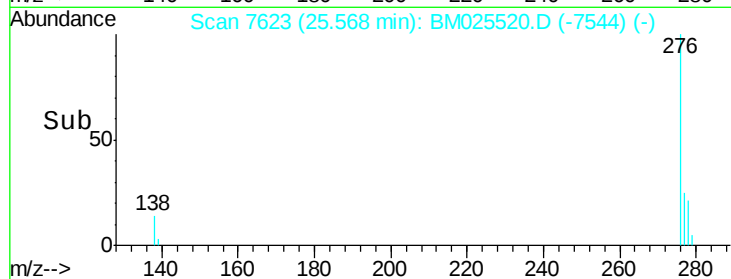
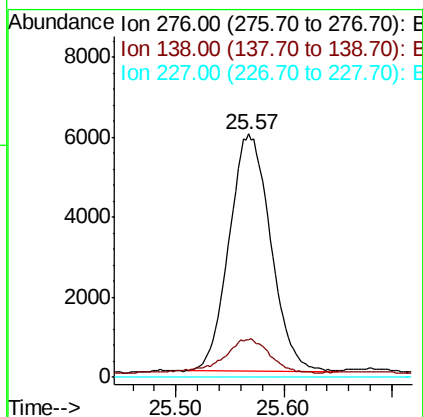
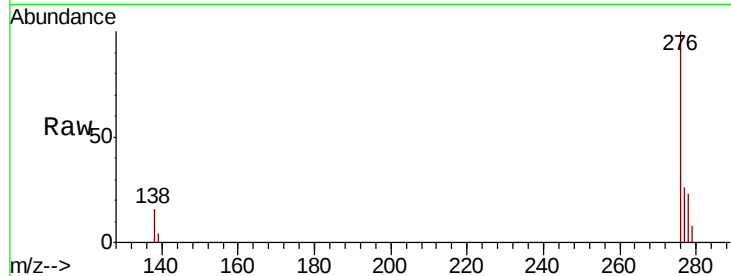
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.251 ng/uL
RT: 25.57 min Scan# 7623
Delta R.T. -0.01 min
Lab File: BM025520.D
Acq: 12 Mar 2020 13:29

Instrument :
BNA_M
ClientSampleId :
C0CB8DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	16.0	12.3	18.5
227	0.0	0.0	0.0

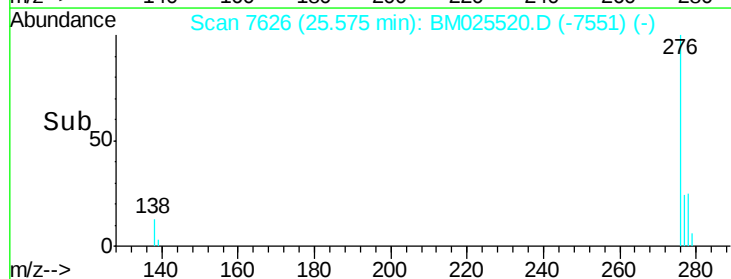
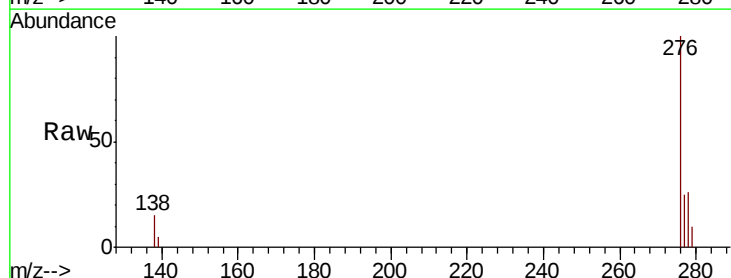
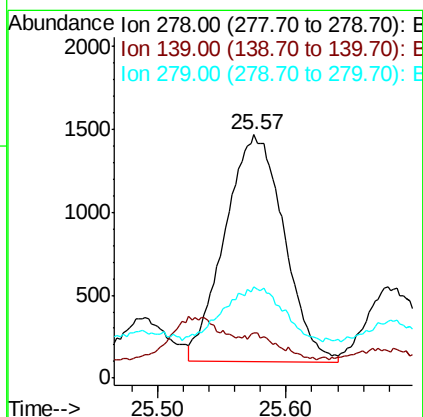
Manual Integrations
APPROVED

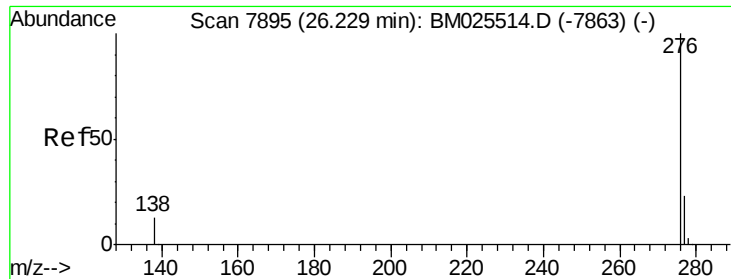
mohammad
3/16/2020 1:50:00 PM



#25
Dibenzo(a,h)anthracene
Concen: 0.082 ng/uL
RT: 25.57 min Scan# 7626
Delta R.T. -0.02 min
Lab File: BM025520.D
Acq: 12 Mar 2020 13:29

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.7	9.0	31.6#
279	37.7	21.1	31.7#





#26
 Benzo(a,h,i)perylene
 Concen: 0.275 ng/ul
 RT: 26.23 min Scan# 7897
 Delta R.T. -0.01 min
 Lab File: BM025520.D
 Acq: 12 Mar 2020 13:29

Instrument :
 BNA_M
 ClientSampleId :
 C0CB8DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	15.3	11.0	16.4
277	26.0	19.8	29.6

Manual Integrations
 APPROVED

mohammad
 3/16/2020 1:50:00 PM

