

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031220\
 Data File : BM025524.D
 Acq On : 12 Mar 2020 16:12
 Operator : CG/JU
 Sample : L1677-05DL 2X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0CC9DL

Manual Integrations
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 3/16/2020 1:50:10 PM

Quant Time: Mar 13 05:00:22 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	3465	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	14795	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.28	164	10269	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.03	188	22205	0.40	ng/ul	0.00
16) Chrysene-d12	21.22	240	14741	0.40	ng/ul	0.00
20) Perylene-d12	23.40	264	14233	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	2388	0.09	ng/ul	0.00
14) Fluoranthene-d10	19.06	212	5592	0.09	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.47	128	1697	0.039	ng/ul#	91
5) 2-Methylnaphthalene	12.09	142	824	0.026	ng/ul	98
7) Acenaphthylene	14.00	152	1561	0.037	ng/ul#	83
9) Fluorene	15.34	166	1162	0.026	ng/ul#	94
12) Phenanthrene	17.07	178	19665	0.279	ng/ul	99
13) Anthracene	17.16	178	6393	0.104	ng/ul	97
15) Fluoranthene	19.09	202	44767	0.587	ng/ul	98
17) Pyrene	19.45	202	39653	0.599	ng/ul	98
18) Benzo(a)anthracene	21.20	228	18286	0.347	ng/ul	97
19) Chrysene	21.25	228	19798	0.335	ng/ul	98
21) Benzo(b)fluoranthene	22.75	252	20480m	0.363	ng/ul	
22) Benzo(k)fluoranthene	22.79	252	8169m	0.138	ng/ul	
23) Benzo(a)pyrene	23.30	252	12360	0.264	ng/ul#	95
24) Indeno(1,2,3-cd)pyrene	25.57	276	8345	0.131	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.57	278	2426	0.045	ng/ul#	62
26) Benzo(a,h,i)perylene	26.23	276	7517	0.136	ng/ul#	94

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

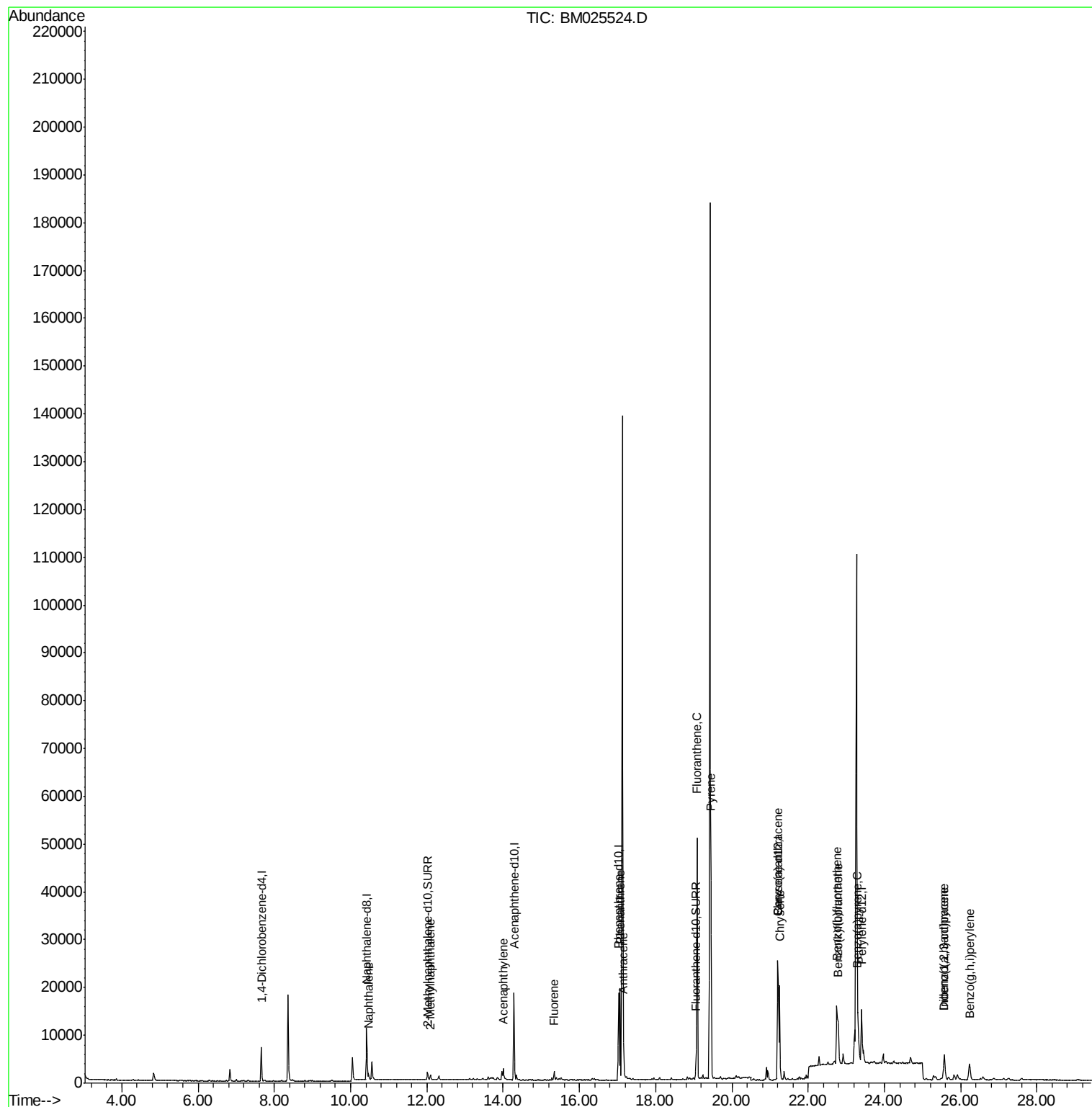
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031220\
Data File : BM025524.D
Acq On : 12 Mar 2020 16:12
Operator : CG/JU
Sample : L1677-05DL 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

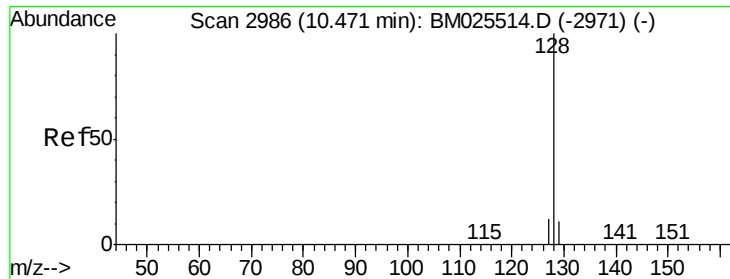
Instrument :
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Quant Time: Mar 13 05:00:22 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 09 13:32:56 2020
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.039 ng/ul

RT: 10.47 min Scan# 2986

Delta R.T. -0.01 min

Lab File: BM025524.D

Acq: 12 Mar 2020 16:12

Instrument :

BNA_M

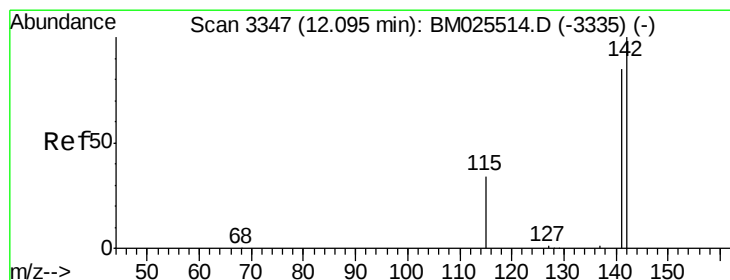
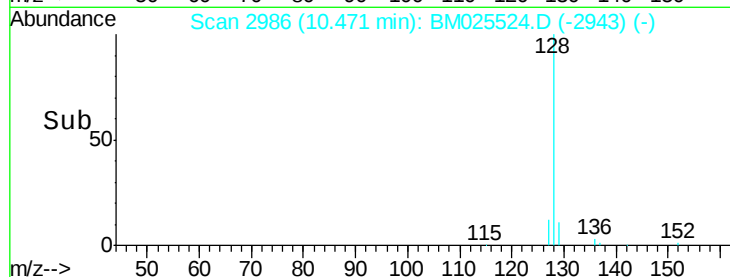
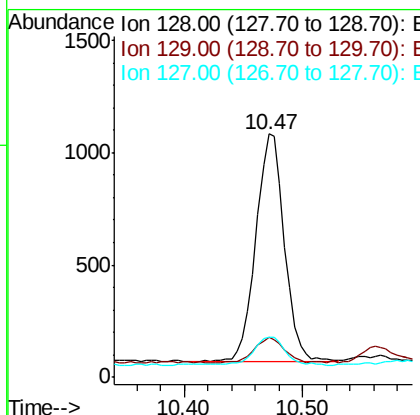
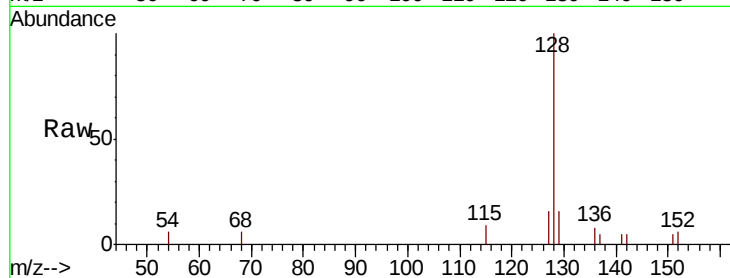
ClientSampleId :

C0CC9DL

Tot Ion:	128	Resp:	1697
Ion	Ratio	Lower	Upper
128	100		
129	16.2	9.4	14.0#
127	16.2	10.9	16.3

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#5

2-Methylnaphthalene

Concen: 0.026 ng/ul

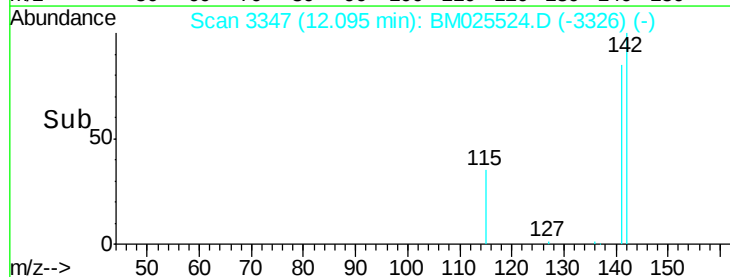
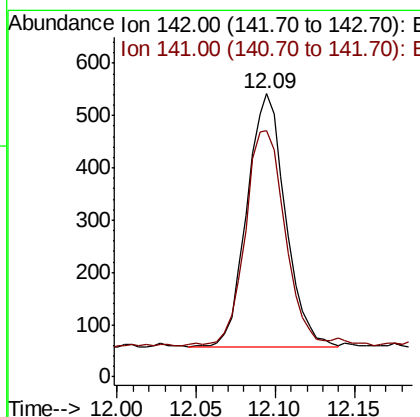
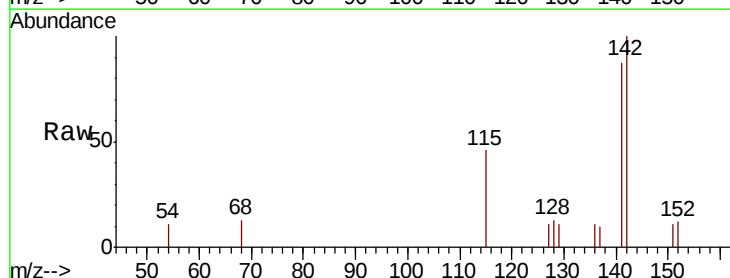
RT: 12.09 min Scan# 3347

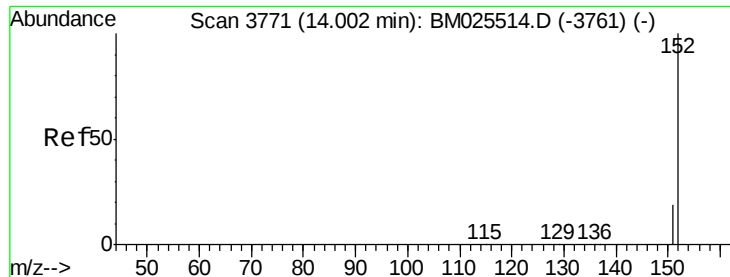
Delta R.T. -0.01 min

Lab File: BM025524.D

Acq: 12 Mar 2020 16:12

Tgt Ion:	142	Resp:	824
Ion	Ratio	Lower	Upper
142	100		
141	89.1	69.8	104.6





#7

Acenaphthylene

Concen: 0.037 ng/ul

RT: 14.00 min Scan# 3771

Delta R.T. -0.01 min

Lab File: BM025524.D

Acq: 12 Mar 2020 16:12

Instrument :

BNA_M

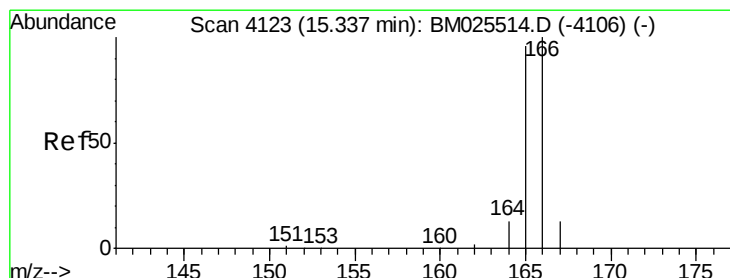
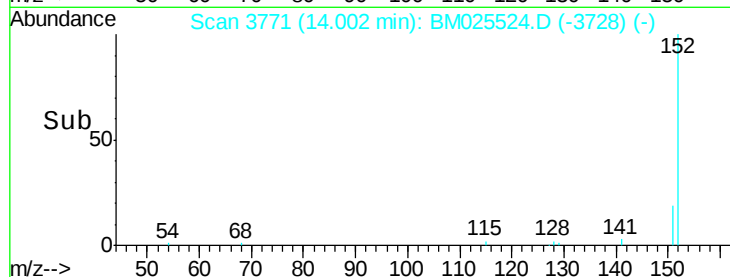
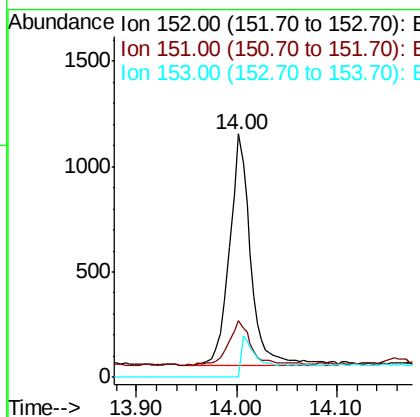
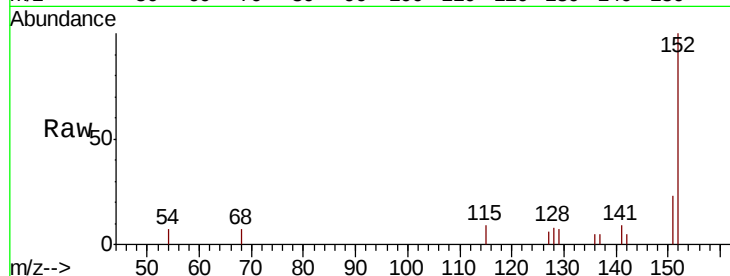
ClientSampleId :

C0CC9DL

Tot Ion	Ratio	Lower	Upper
152	100		
151	23.4	16.2	24.2
153	0.0	10.6	16.0

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#9

Fluorene

Concen: 0.026 ng/ul

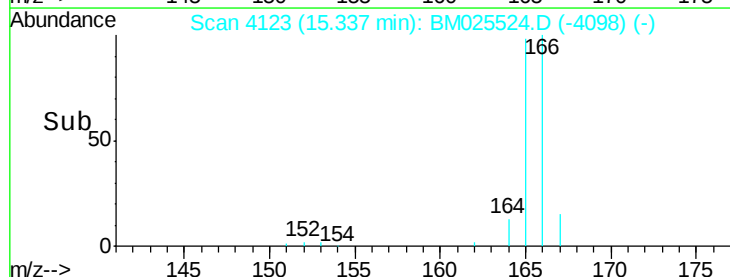
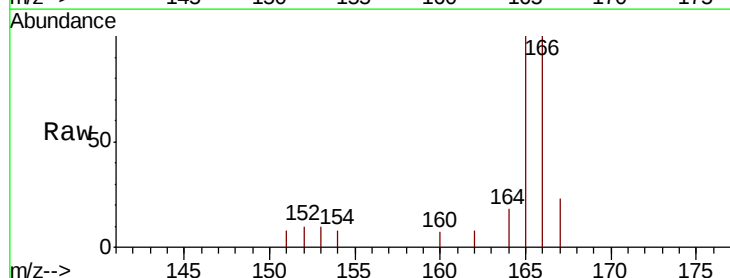
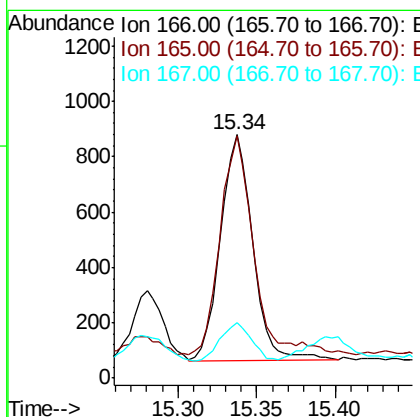
RT: 15.34 min Scan# 4123

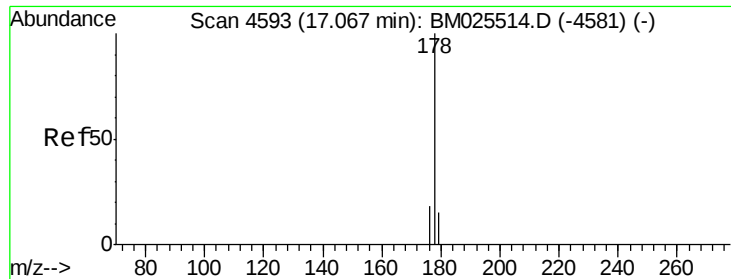
Delta R.T. -0.01 min

Lab File: BM025524.D

Acq: 12 Mar 2020 16:12

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.8	76.8	115.2
167	22.7	11.2	16.8





#12

Phenanthrene

Concen: 0.279 ng/ul

RT: 17.07 min Scan# 4594

Delta R.T. -0.01 min

Lab File: BM025524.D

Acq: 12 Mar 2020 16:12

Instrument :

BNA_M

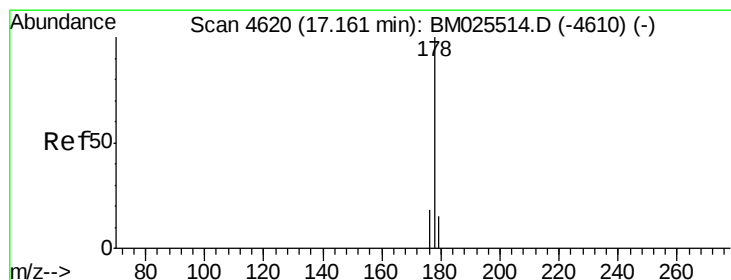
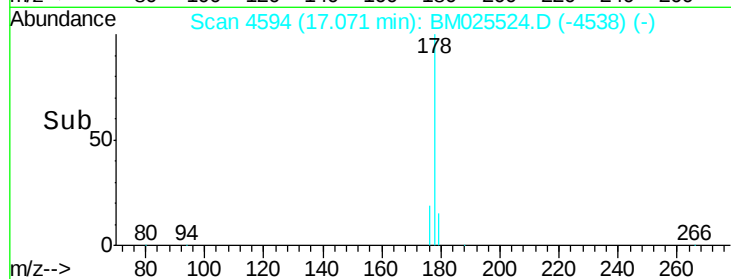
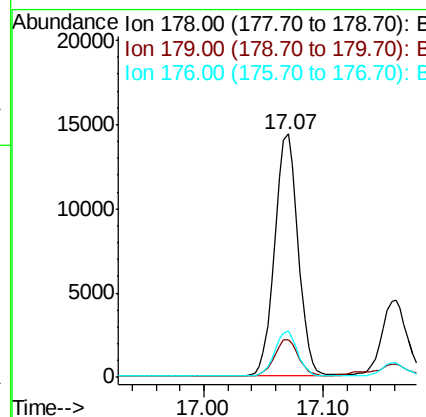
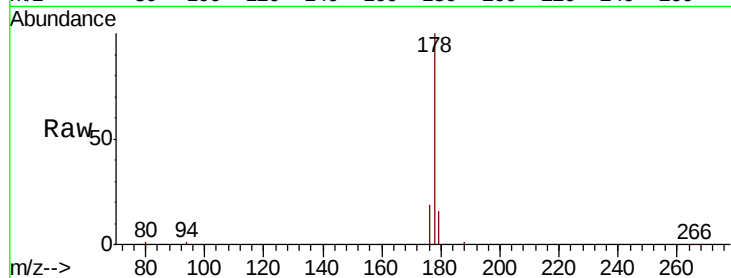
ClientSampleId :

C0CC9DL

Tot Ion:	178	Resp:	19665
Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.4	18.6
176	19.0	14.8	22.2

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#13

Anthracene

Concen: 0.104 ng/ul

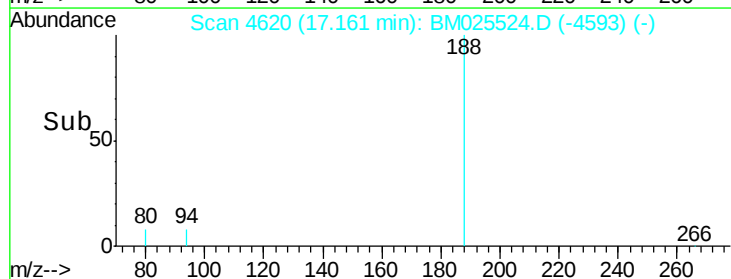
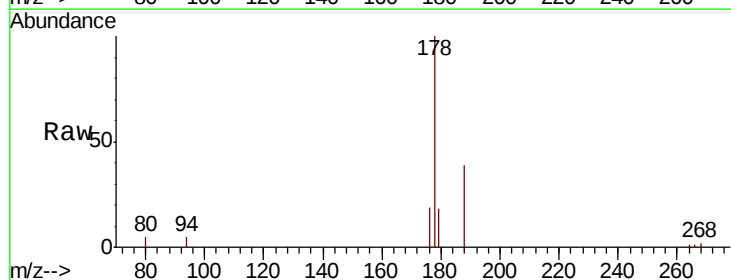
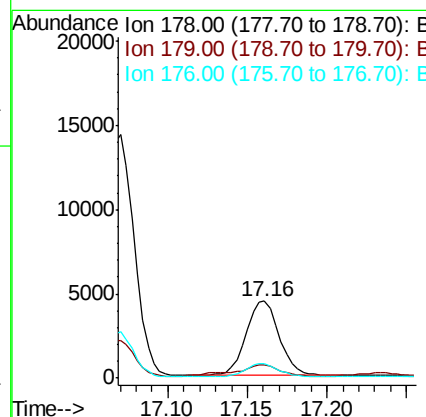
RT: 17.16 min Scan# 4620

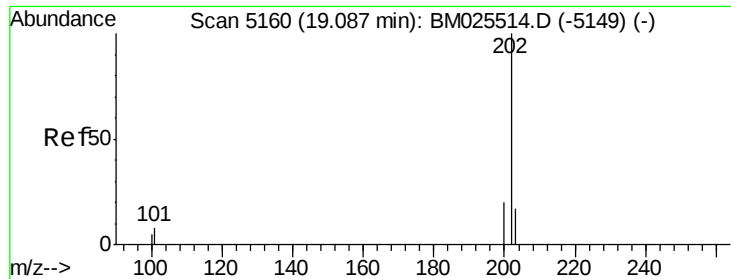
Delta R.T. -0.01 min

Lab File: BM025524.D

Acq: 12 Mar 2020 16:12

Tgt Ion:	178	Resp:	6393
Ion	Ratio	Lower	Upper
178	100		
179	17.6	12.6	18.8
176	18.9	14.5	21.7





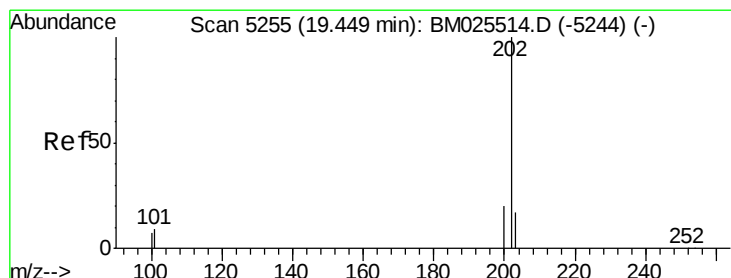
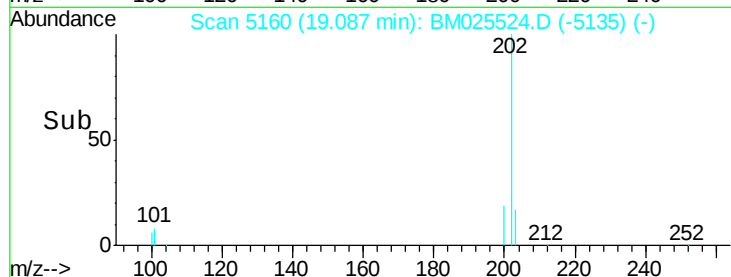
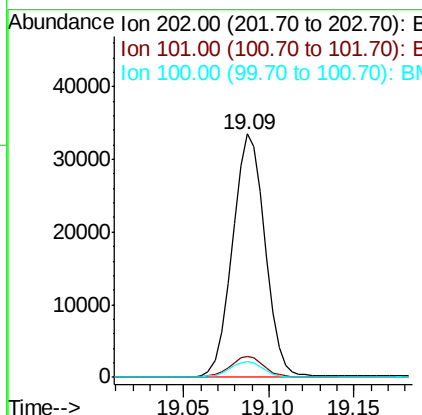
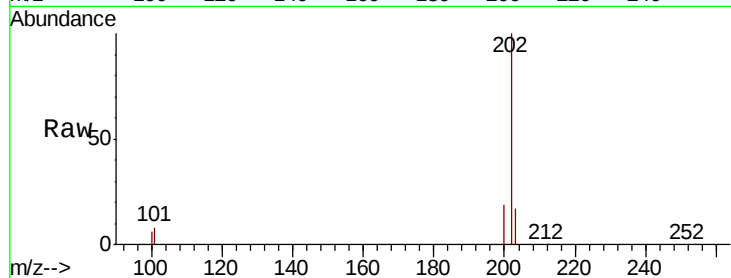
#15
Fluoranthene
 Concen: 0.587 ng/ul
 RT: 19.09 min Scan# 5160
 Delta R.T. -0.01 min
 Lab File: BM025524.D
 Acq: 12 Mar 2020 16:12

Instrument :
 BNA_M
 ClientSampleId :
 C0CC9DL

Tot Ion	Ratio	Resp	Lower	Upper
202	100	44767		
101	8.4	0.0	27.5	
100	6.5	0.0	26.0	

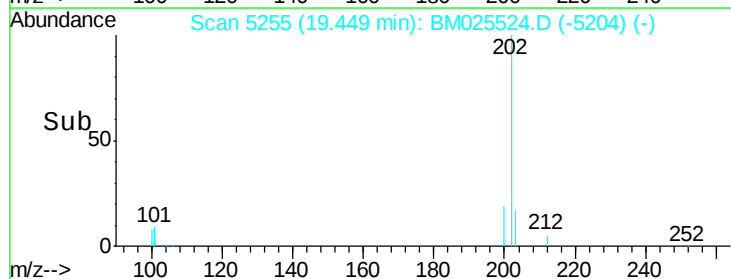
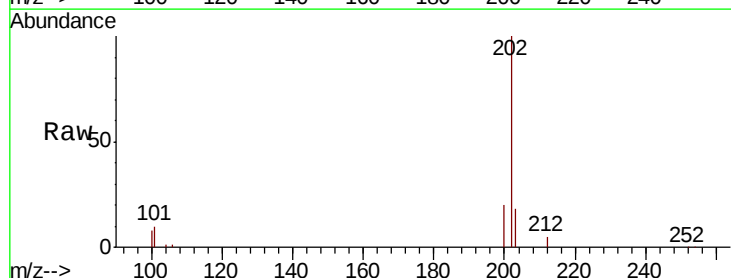
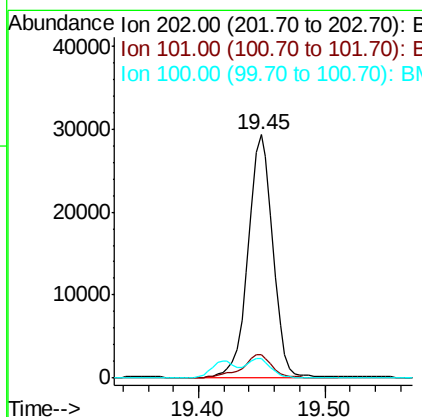
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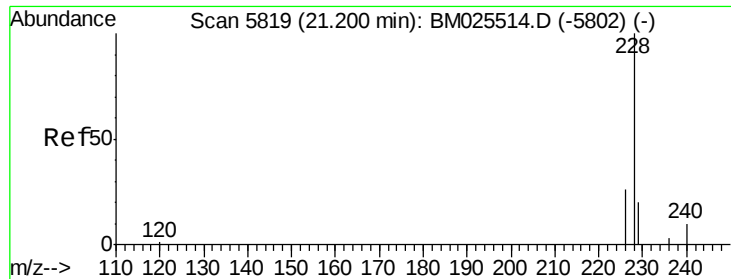
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#17
Pyrene
 Concen: 0.599 ng/ul
 RT: 19.45 min Scan# 5255
 Delta R.T. -0.01 min
 Lab File: BM025524.D
 Acq: 12 Mar 2020 16:12

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	39653		
101	9.6	7.1	10.7	
100	8.2	6.0	9.0	





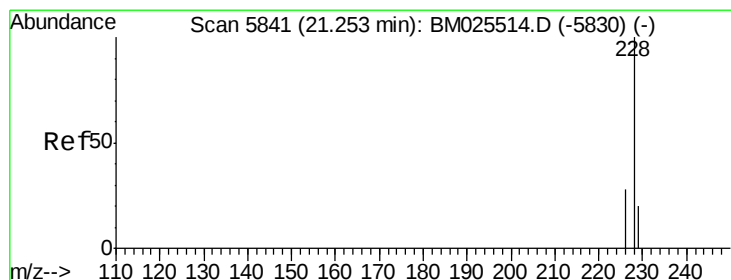
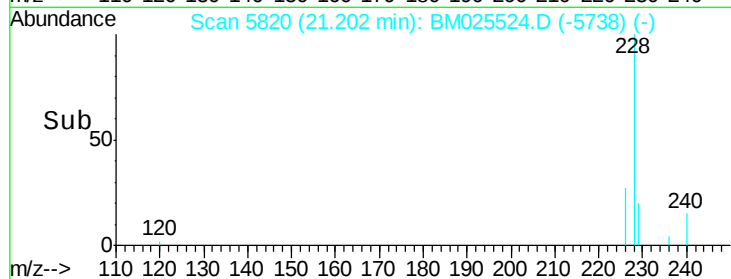
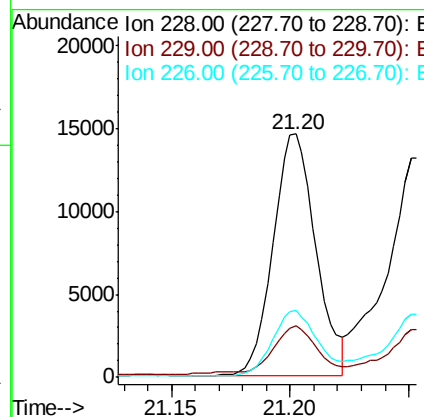
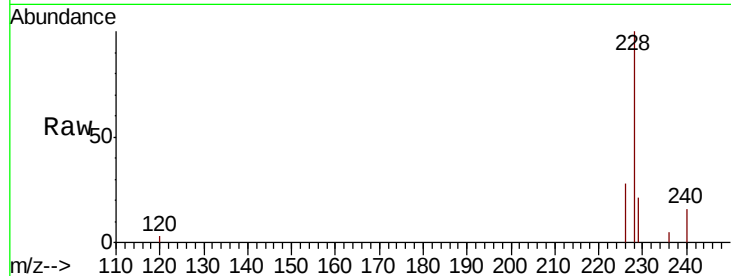
#18
Benzo(a)anthracene
Concen: 0.347 ng/ul
RT: 21.20 min Scan# 5820
Delta R.T. -0.00 min
Lab File: BM025524.D
Acq: 12 Mar 2020 16:12

Instrument :
BNA_M
ClientSampleId :
C0CC9DL

Tot Ion	Ratio	Lower	Upper
228	100		
229	21.0	15.6	23.4
226	27.6	21.1	31.7

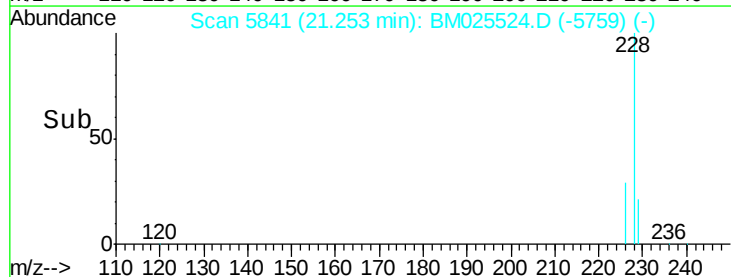
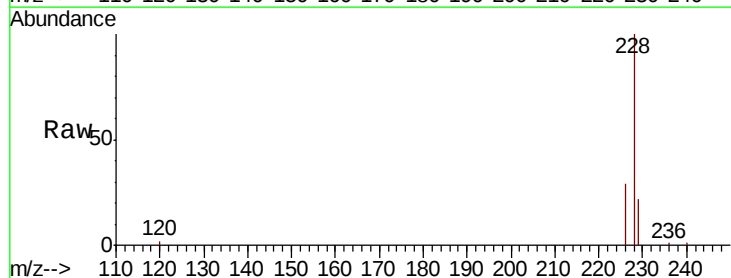
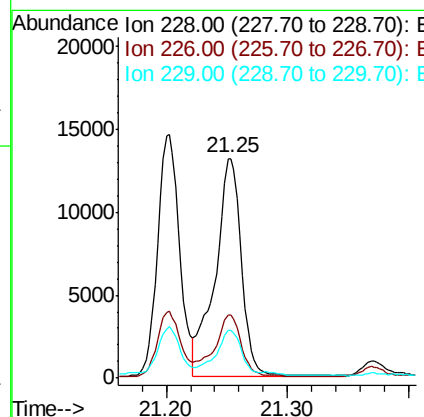
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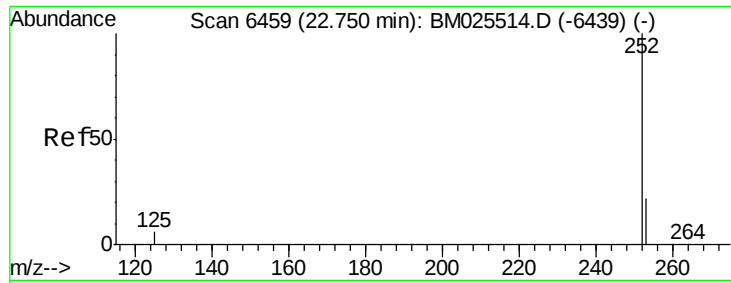
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#19
Chrysene
Concen: 0.335 ng/ul
RT: 21.25 min Scan# 5841
Delta R.T. -0.00 min
Lab File: BM025524.D
Acq: 12 Mar 2020 16:12

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.1	23.6	35.4
229	21.9	16.3	24.5





#21

Benzo(b)fluoranthene

Concen: 0.363 ng/ul m

RT: 22.75 min Scan# 6461

Delta R.T. -0.00 min

Lab File: BM025524.D

Acq: 12 Mar 2020 16:12

Instrument :

BNA_M

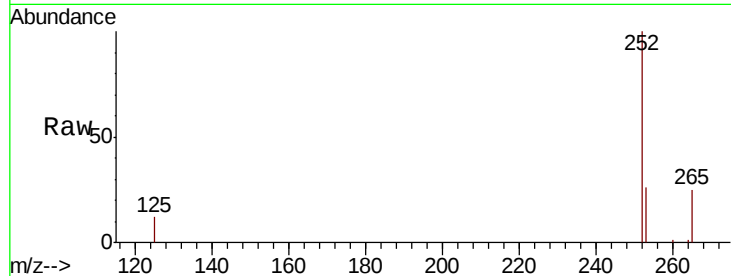
ClientSampleId :

C0CC9DL

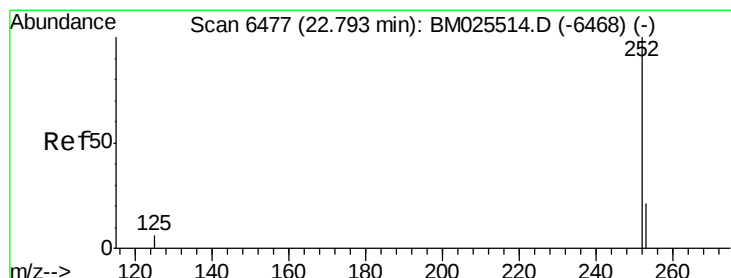
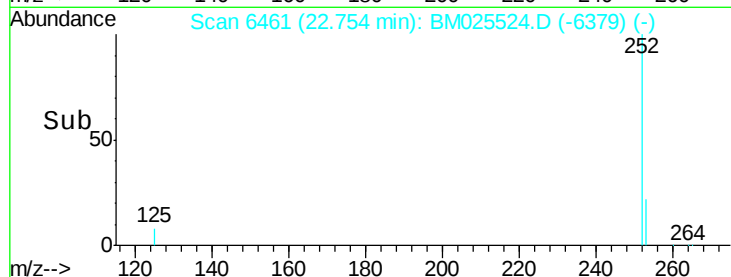
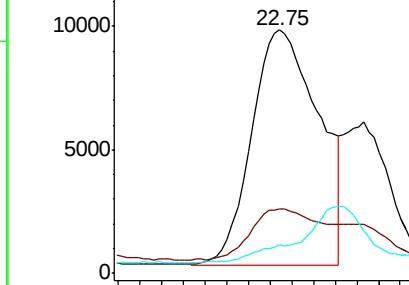
Tot Ion:	252	Resp:	20480
Ion Ratio	Lower	Upper	
252	100		
253	26.4	0.0	50.2
125	11.6	0.0	17.6

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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



#22

Benzo(k)fluoranthene

Concen: 0.138 ng/ul m

RT: 22.79 min Scan# 6477

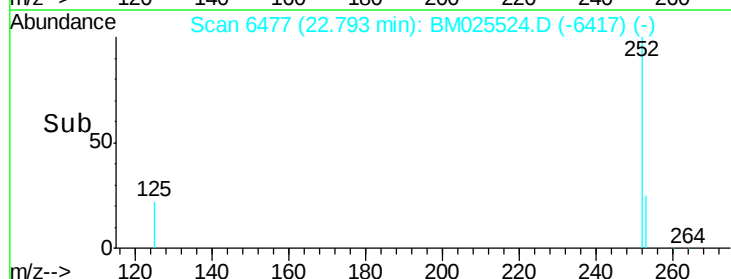
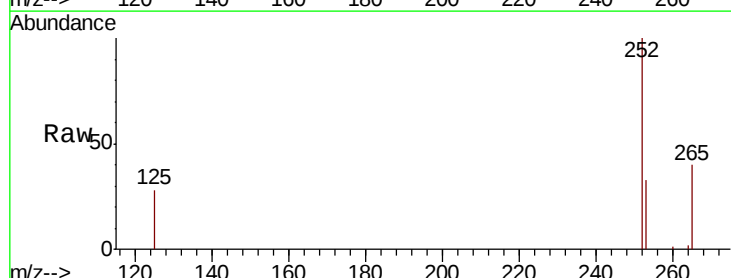
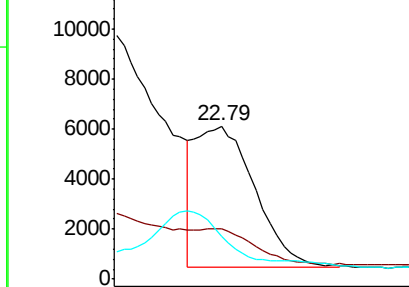
Delta R.T. -0.01 min

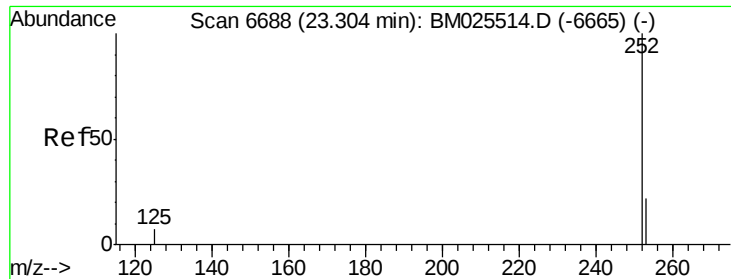
Lab File: BM025524.D

Acq: 12 Mar 2020 16:12

Tgt Ion:	252	Resp:	8169
Ion Ratio	Lower	Upper	
252	100		
253	32.6	19.8	29.8#
125	27.9	7.1	10.7#

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





#23

Benzo(a)pyrene

Concen: 0.264 ng/u1

RT: 23.30 min Scan# 6688

Delta R.T. -0.01 min

Lab File: BM025524.D

Acq: 12 Mar 2020 16:12

Instrument :

BNA_M

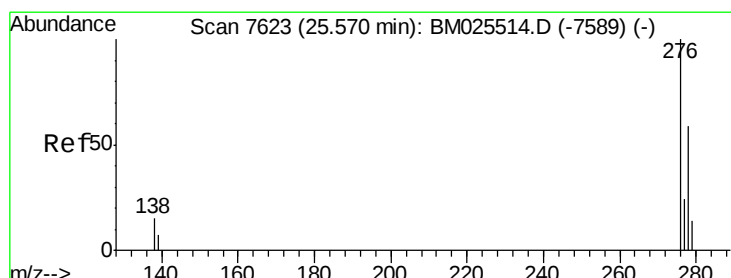
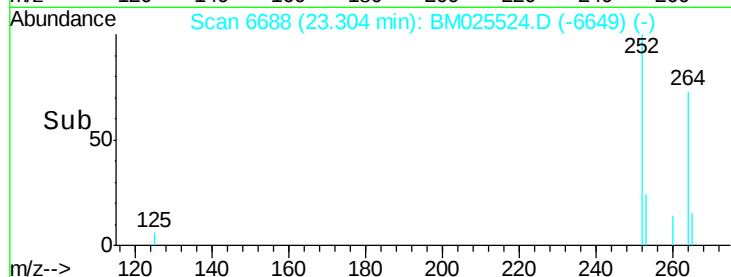
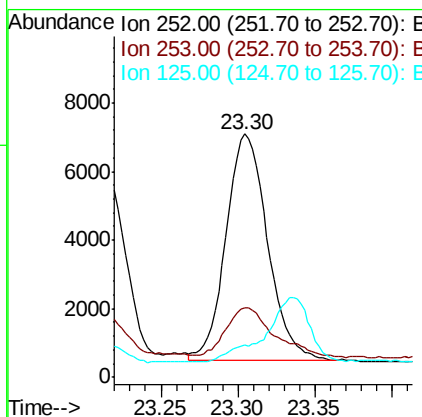
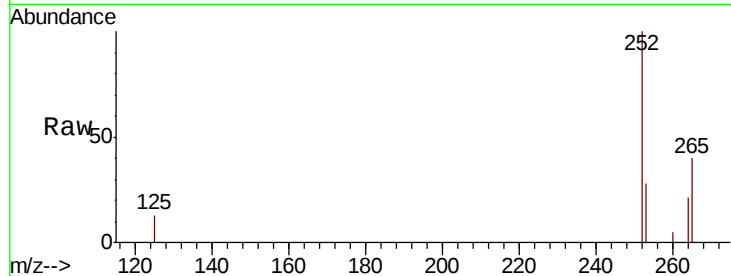
ClientSampleId :

C0CC9DL

Tot Ion:	252	Resp:	12360
Ion Ratio	Lower	Upper	
252	100		
253	28.5	21.3	31.9
125	13.3	8.5	12.7#

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.131 ng/u1

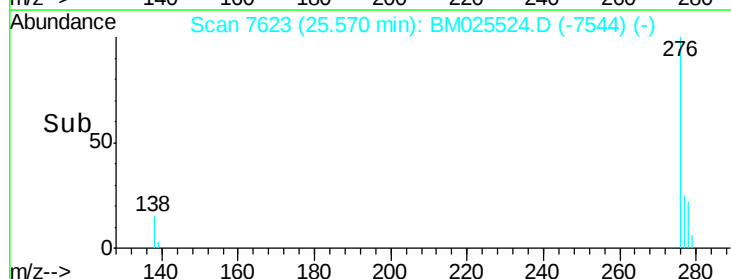
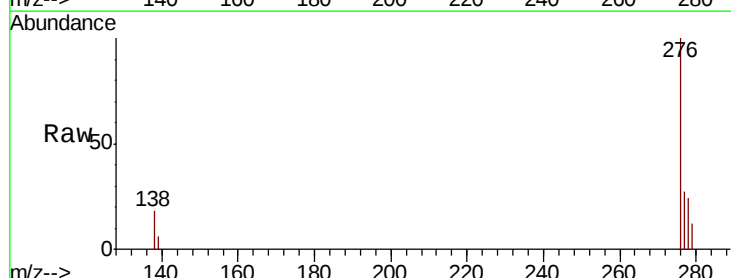
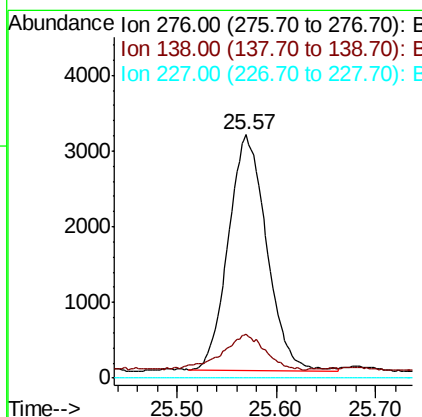
RT: 25.57 min Scan# 7623

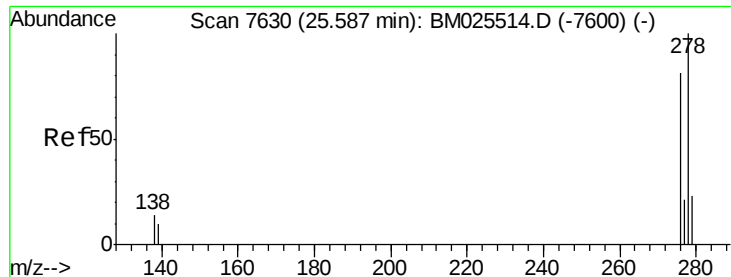
Delta R.T. -0.01 min

Lab File: BM025524.D

Acq: 12 Mar 2020 16:12

Tgt Ion:	276	Resp:	8345
Ion Ratio	Lower	Upper	
276	100		
138	16.6	12.3	18.5
227	0.0	0.0	0.0





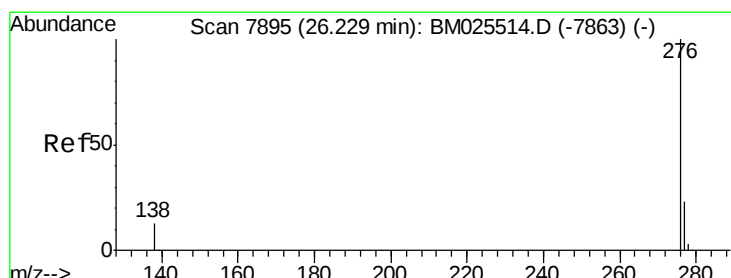
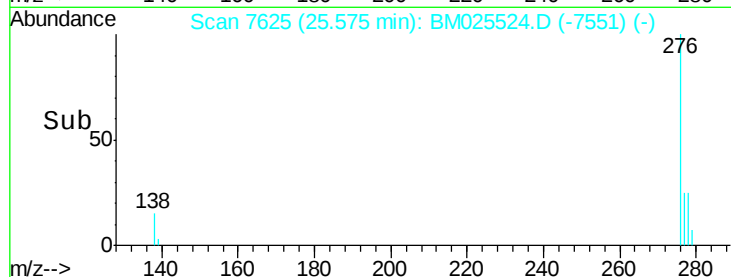
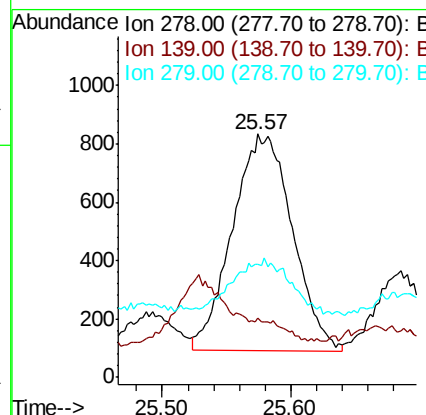
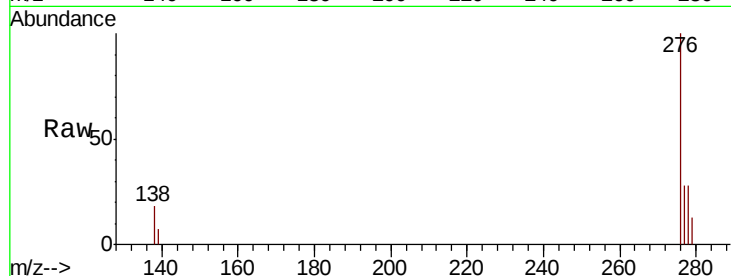
#25
Dibenzo(a,h)anthracene
Concen: 0.045 ng/ul
RT: 25.57 min Scan# 7625
Delta R.T. -0.02 min
Lab File: BM025524.D
Acq: 12 Mar 2020 16:12

Instrument :
BNA_M
ClientSampled :
C0CC9DL

Tot Ion	Ratio	Lower	Upper
278	100		
139	24.3	9.0	13.6#
279	46.4	21.1	31.7#

Manual Integrations
APPROVED

mohammad
3/16/2020 1:50:10 PM



#26
Benzo(g,h,i)perylene
Concen: 0.136 ng/ul
RT: 26.23 min Scan# 7897
Delta R.T. -0.01 min
Lab File: BM025524.D
Acq: 12 Mar 2020 16:12

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.8	11.0	16.4#
277	26.8	19.8	29.6

