

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030920\
 Data File : BM025487.D
 Acq On : 11 Mar 2020 12:38
 Operator : CG/JU
 Sample : L1677-09
 Misc :
 ALS Vial : 80 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0CB9

Manual Integrations
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Quant Time: Mar 11 13:53:55 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	4152	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	18355	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.29	164	13346	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.03	188	29404	0.40	ng/ul	0.00
16) Chrysene-d12	21.22	240	22041	0.40	ng/ul	0.00
20) Perylene-d12	23.40	264	22358	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	3364	0.10	ng/ul	0.00
14) Fluoranthene-d10	19.06	212	8819	0.11	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.47	128	1953	0.036	ng/ul#	91
5) 2-Methylnaphthalene	12.09	142	1980	0.051	ng/ul	98
7) Acenaphthylene	14.00	152	3660	0.067	ng/ul#	97
9) Fluorene	15.34	166	1531	0.026	ng/ul#	94
12) Phenanthrene	17.07	178	31277	0.336	ng/ul	99
13) Anthracene	17.16	178	8079	0.100	ng/ul	98
15) Fluoranthene	19.09	202	91384	0.905	ng/ul	98
17) Pyrene	19.45	202	76414	0.772	ng/ul	98
18) Benzo(a)anthracene	21.20	228	37697	0.478	ng/ul	98
19) Chrysene	21.25	228	37492	0.424	ng/ul	98
21) Benzo(b)fluoranthene	22.75	252	44310m	0.500	ng/ul	
22) Benzo(k)fluoranthene	22.79	252	19084m	0.206	ng/ul	
23) Benzo(a)pyrene	23.31	252	31175	0.424	ng/ul	98
24) Indeno(1,2,3-cd)pyrene	25.57	276	20394	0.204	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.58	278	5444	0.065	ng/ul#	84
26) Benzo(a,h,i)perylene	26.23	276	18233	0.211	ng/ul	98

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

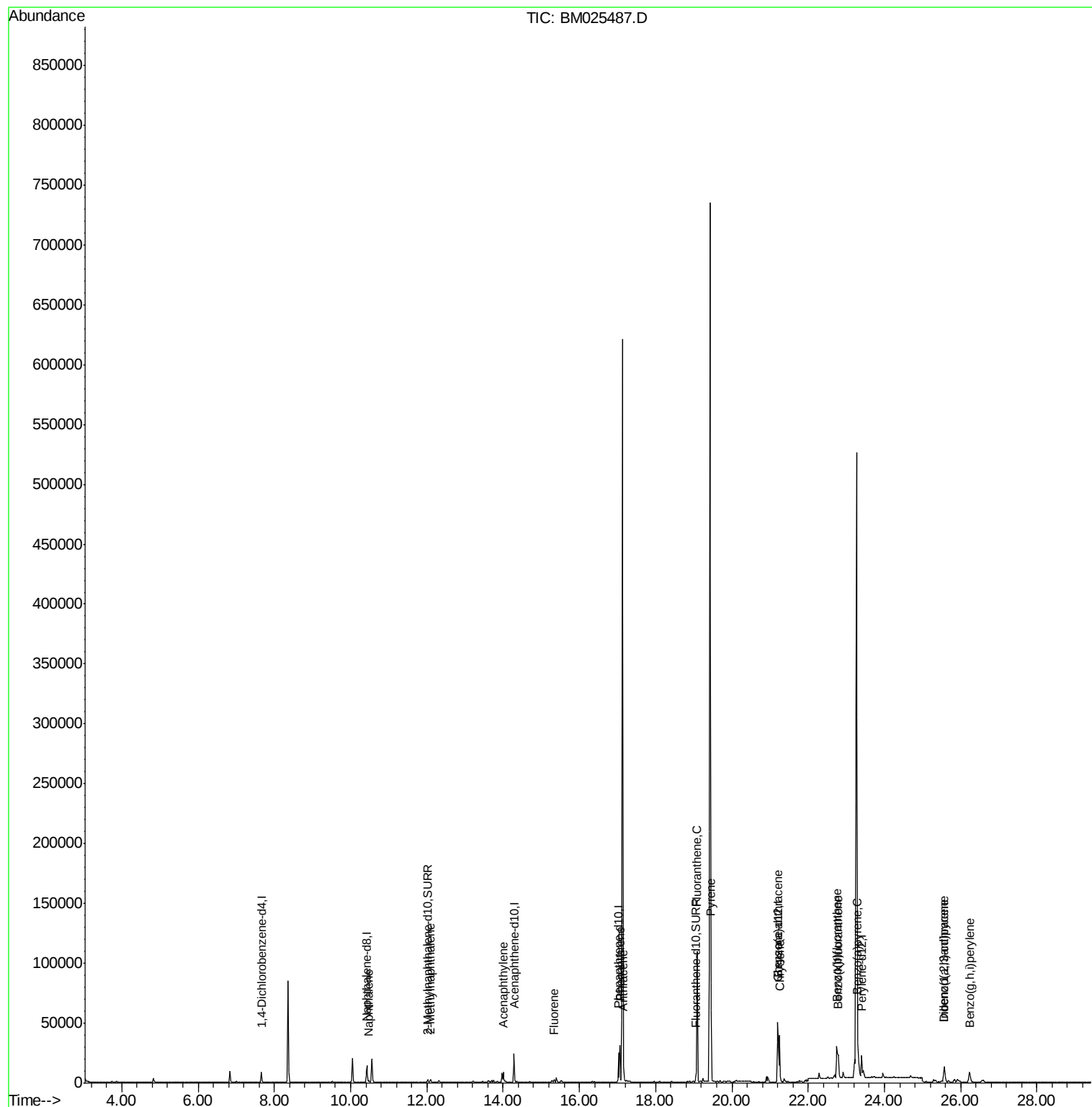
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030920\
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ALS Vial : 80 Sample Multiplier: 1

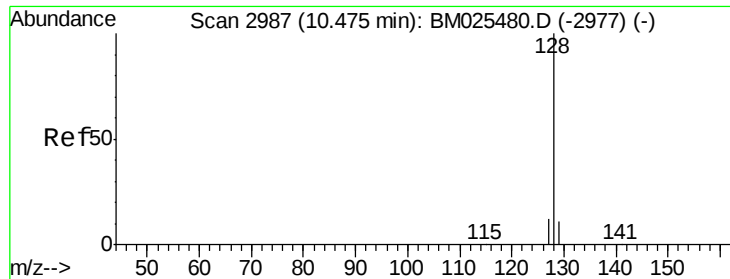
Instrument :
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Quant Time: Mar 11 13:53:55 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 11 07:15:41 2020
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.036 ng/ul

RT: 10.47 min Scan# 2987

Delta R.T. -0.00 min

Lab File: BM025487.D

Acq: 11 Mar 2020 12:38

Instrument :

BNA_M

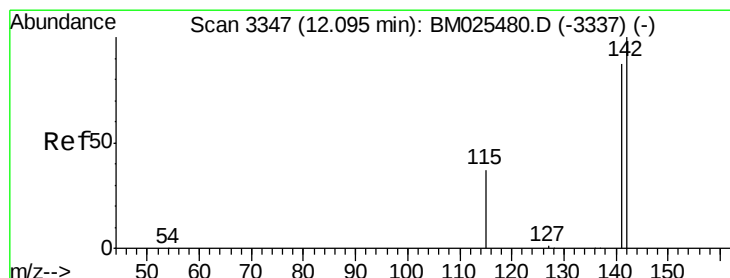
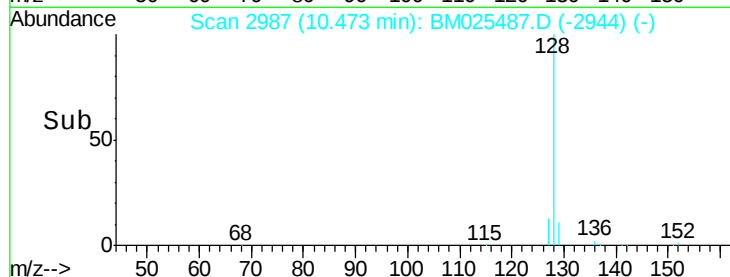
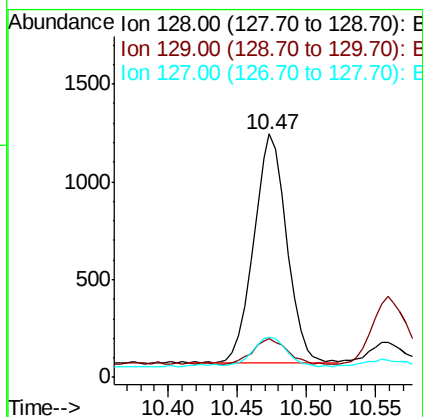
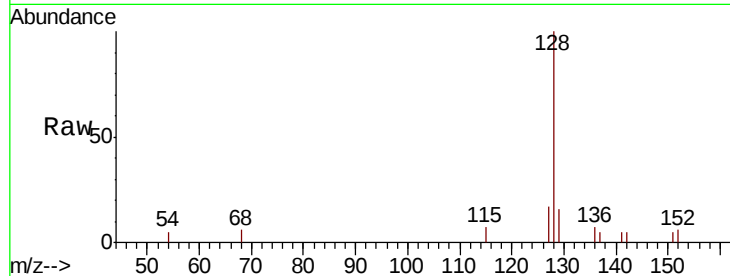
ClientSampleId :

C0CB9

Tot Ion:	128	Resp:	1953
Ion Ratio	Lower	Upper	
128	100		
129	16.1	9.4	14.0#
127	16.7	10.9	16.3#

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#5

2-Methylnaphthalene

Concen: 0.051 ng/ul

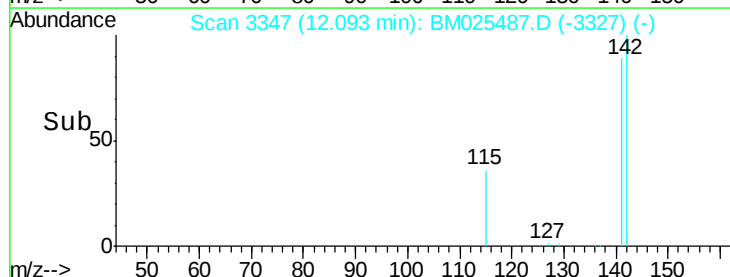
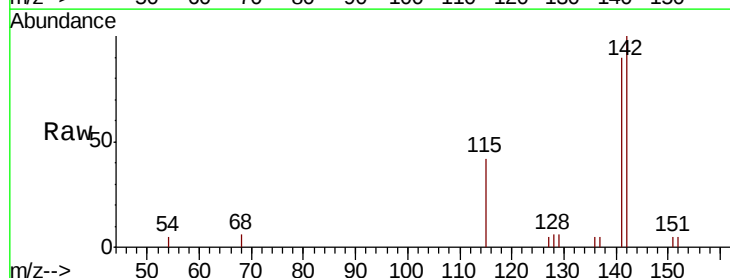
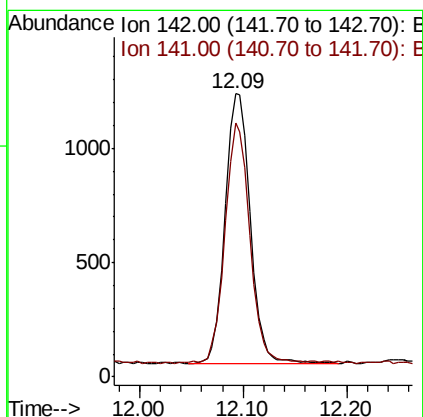
RT: 12.09 min Scan# 3347

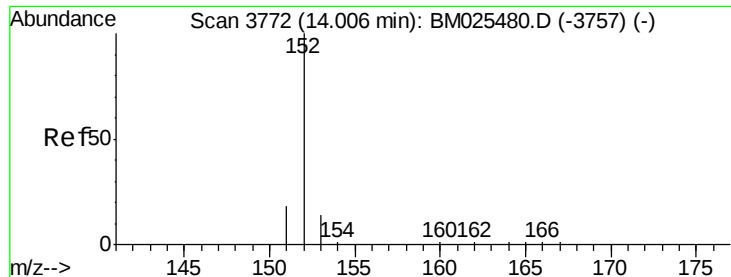
Delta R.T. -0.01 min

Lab File: BM025487.D

Acq: 11 Mar 2020 12:38

Tgt Ion:	142	Resp:	1980
Ion Ratio	Lower	Upper	
142	100		
141	89.2	69.8	104.6





#7

Acenaphthylene

Concen: 0.067 ng/ul

RT: 14.00 min Scan# 3772

Delta R.T. -0.00 min

Lab File: BM025487.D

Acq: 11 Mar 2020 12:38

Instrument :

BNA_M

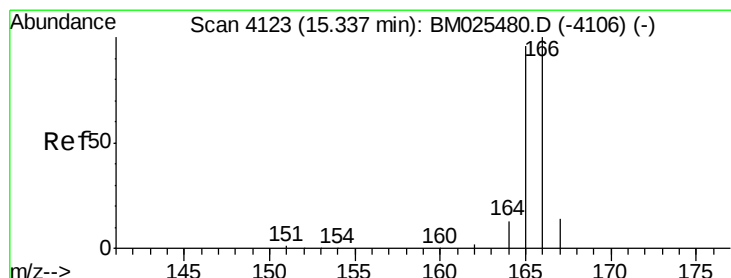
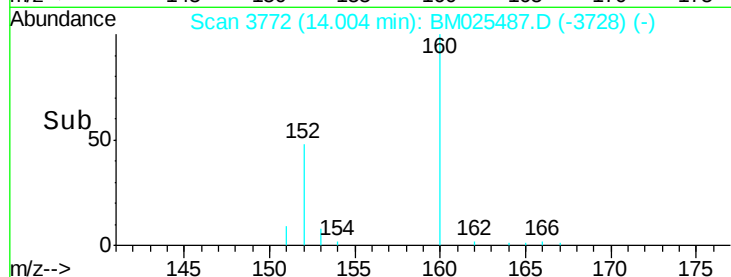
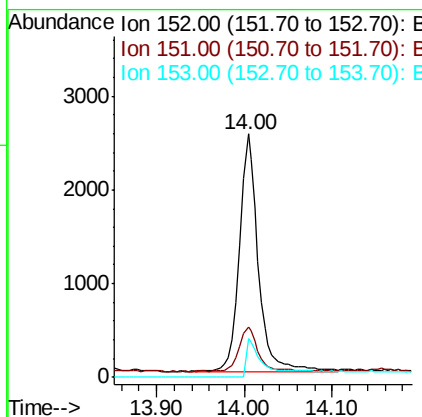
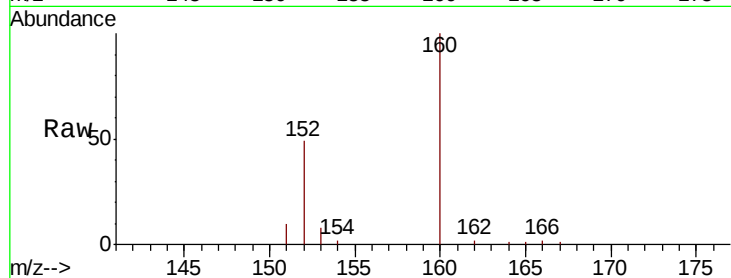
ClientSampleId :

C0CB9

Tot Ion:	152	Resp:	3660
Ion Ratio	Lower	Upper	
152	100		
151	20.8	16.2	24.2
153	16.0	10.6	16.0#

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#9

Fluorene

Concen: 0.026 ng/ul

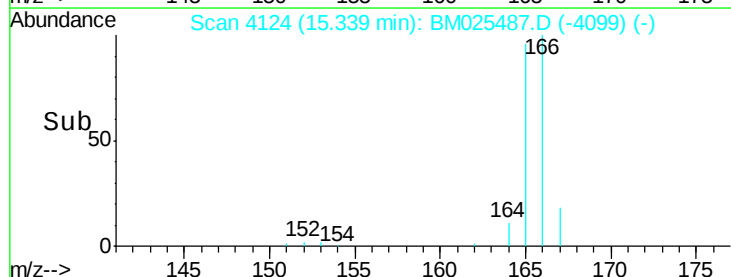
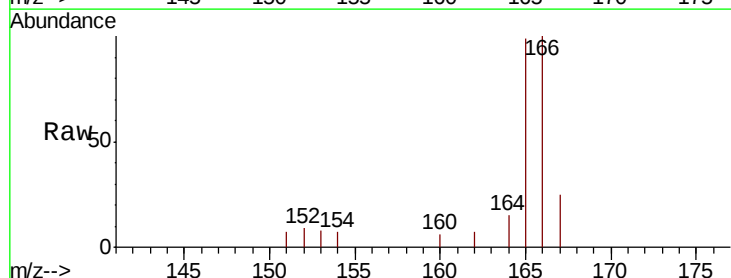
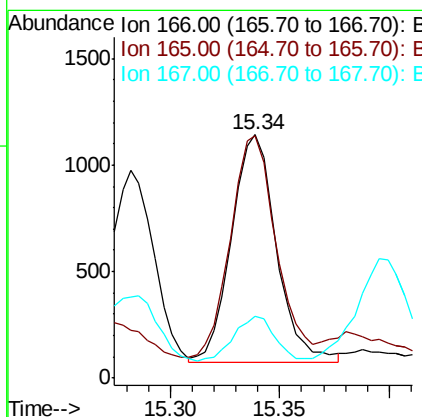
RT: 15.34 min Scan# 4124

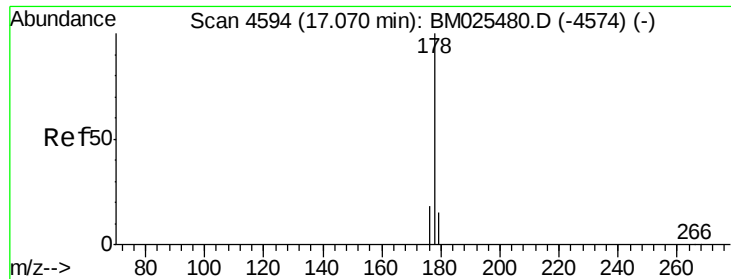
Delta R.T. -0.00 min

Lab File: BM025487.D

Acq: 11 Mar 2020 12:38

Tgt Ion:	166	Resp:	1531
Ion Ratio	Lower	Upper	
166	100		
165	99.3	76.8	115.2
167	25.3	11.2	16.8#





#12

Phenanthrene

Concen: 0.336 ng/ul

RT: 17.07 min Scan# 4594

Delta R.T. -0.01 min

Lab File: BM025487.D

Acq: 11 Mar 2020 12:38

Instrument :

BNA_M

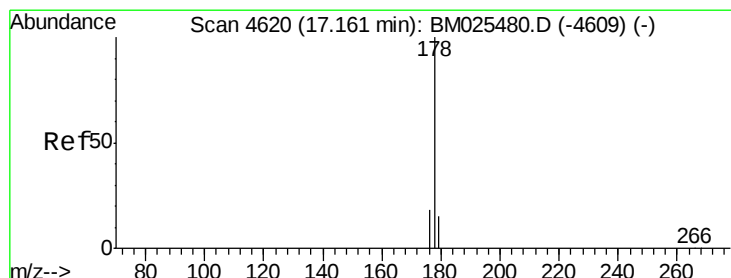
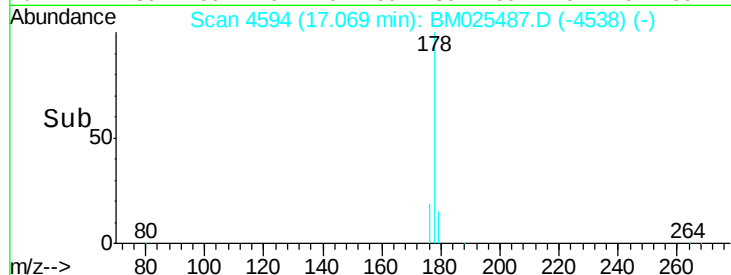
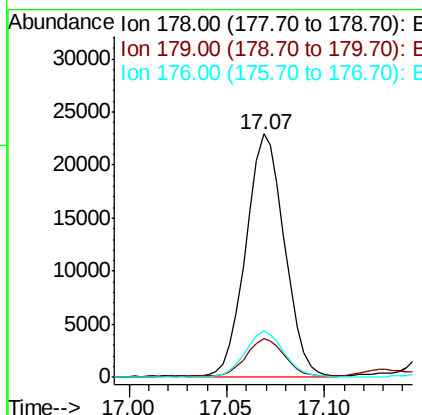
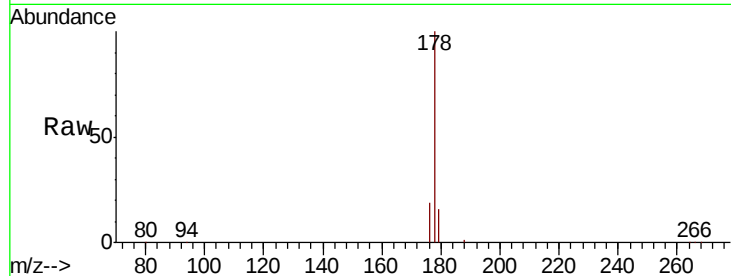
ClientSampleId :

C0CB9

Tot Ion:178	Resp:	31277
Ion Ratio	Lower	Upper
178	100	
179	15.7	12.4 18.6
176	18.9	14.8 22.2

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#13

Anthracene

Concen: 0.100 ng/ul

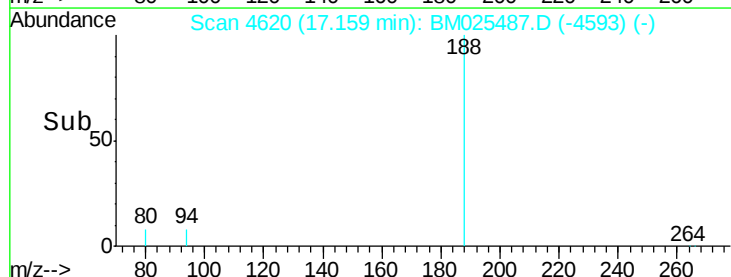
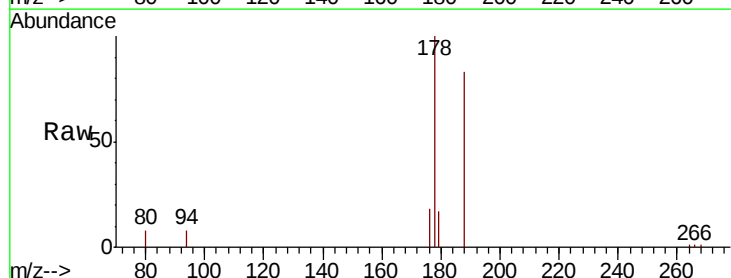
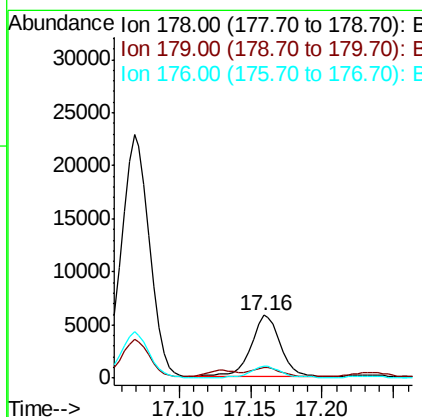
RT: 17.16 min Scan# 4620

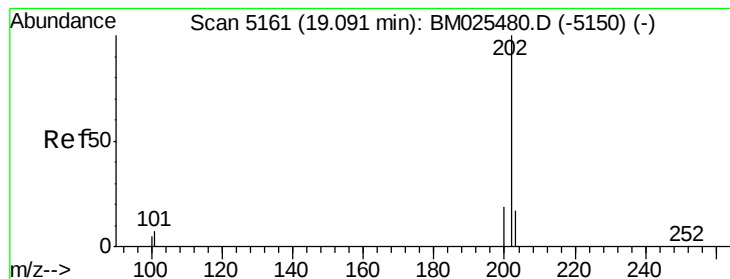
Delta R.T. -0.01 min

Lab File: BM025487.D

Acq: 11 Mar 2020 12:38

Tgt Ion:178	Resp:	8079
Ion Ratio	Lower	Upper
178	100	
179	17.0	12.6 18.8
176	18.3	14.5 21.7





#15

Fluoranthene

Concen: 0.905 ng/ul

RT: 19.09 min Scan# 5161

Delta R.T. -0.00 min

Lab File: BM025487.D

Acq: 11 Mar 2020 12:38

Instrument :

BNA_M

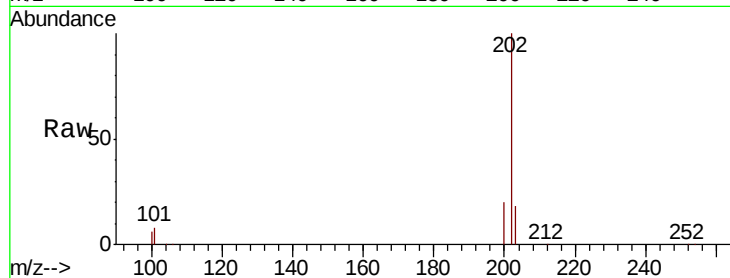
ClientSampled :

C0CB9

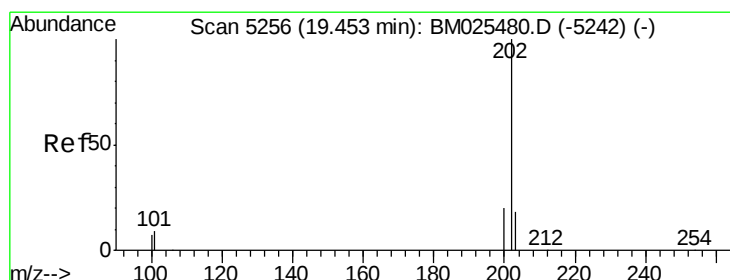
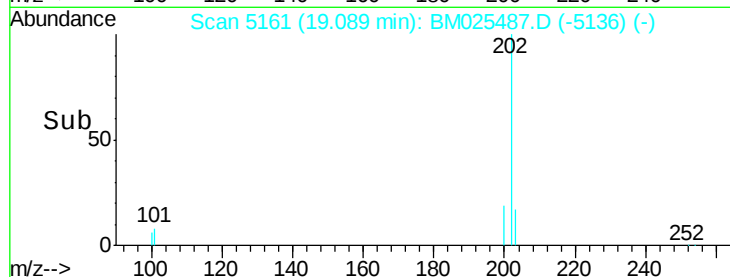
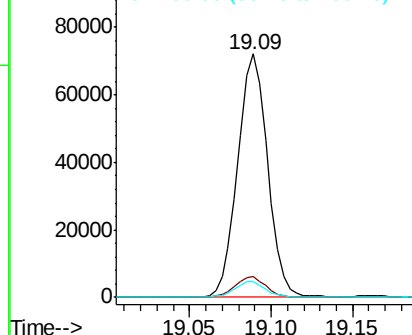
Tot Ion:	202	Resp:	91384
Ion Ratio	Lower	Upper	
202	100		
101	8.4	0.0	27.5
100	6.2	0.0	26.0

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B



#17

Pyrene

Concen: 0.772 ng/ul

RT: 19.45 min Scan# 5256

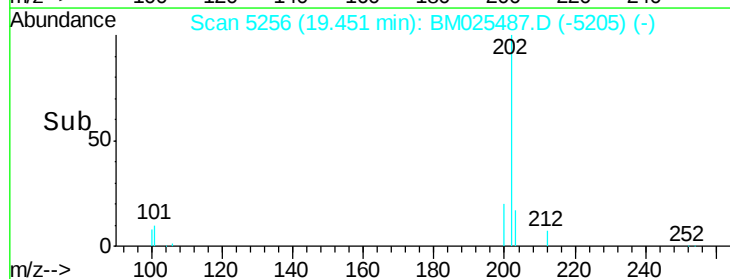
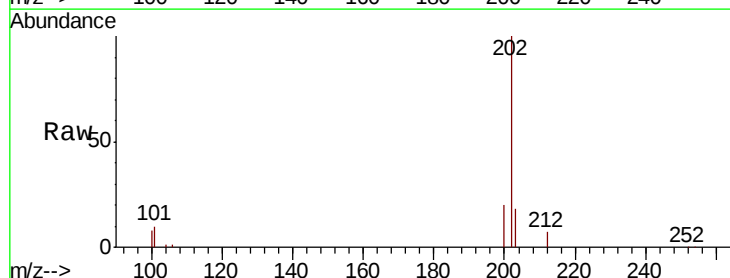
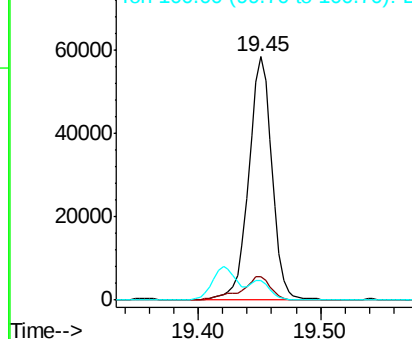
Delta R.T. -0.00 min

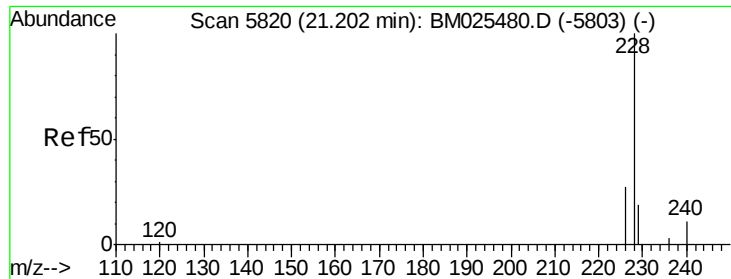
Lab File: BM025487.D

Acq: 11 Mar 2020 12:38

Tgt Ion:	202	Resp:	76414
Ion Ratio	Lower	Upper	
202	100		
101	9.8	7.1	10.7
100	8.1	6.0	9.0

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B





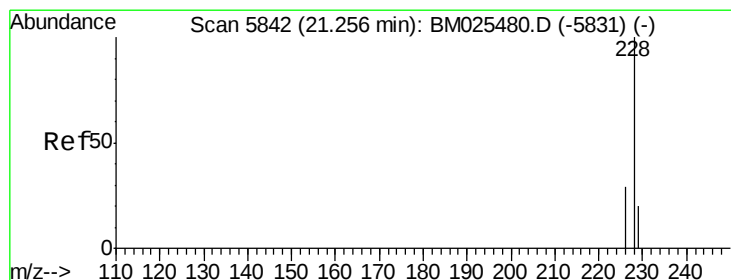
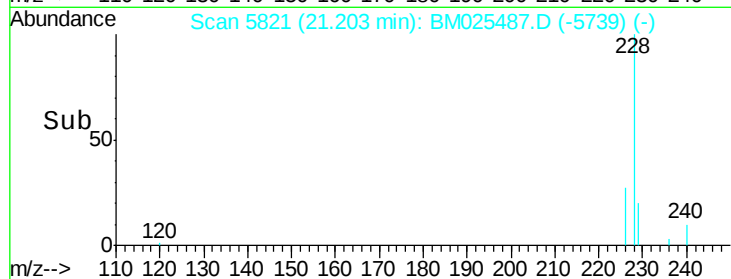
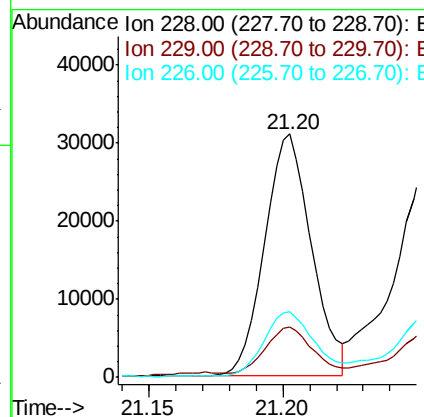
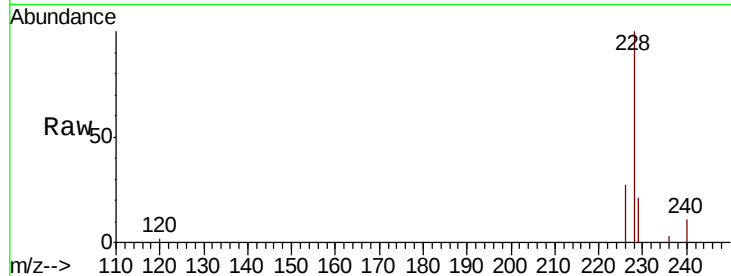
#18
Benzo(a)anthracene
Concen: 0.478 ng/ul
RT: 21.20 min Scan# 5821
Delta R.T. -0.00 min
Lab File: BM025487.D
Acq: 11 Mar 2020 12:38

Instrument :
BNA_M
ClientSampleId :
C0CB9

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.7	15.6	23.4
226	27.1	21.1	31.7

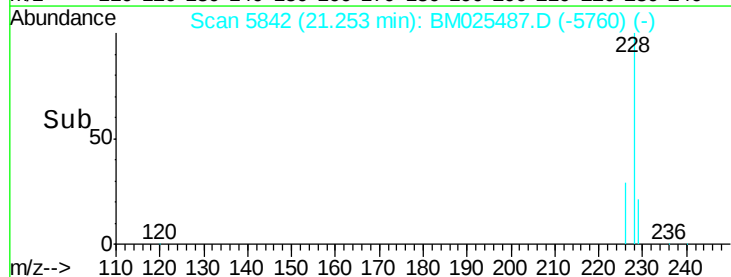
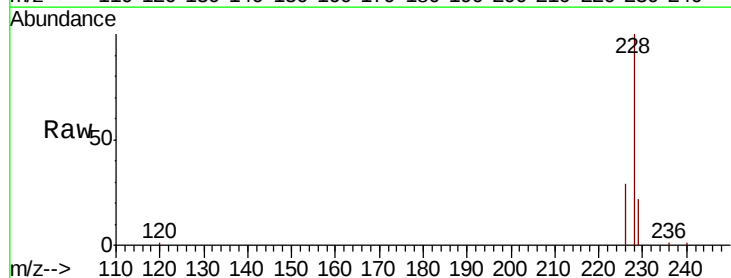
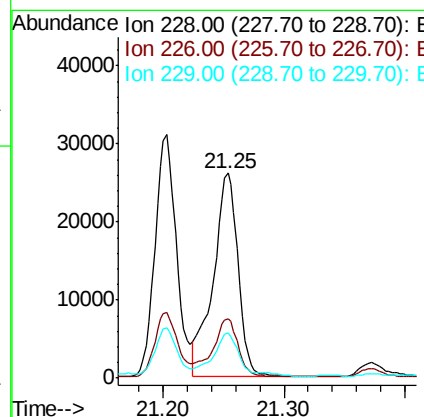
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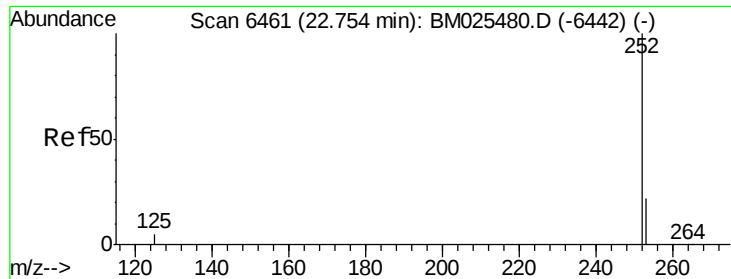
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#19
Chrysene
Concen: 0.424 ng/ul
RT: 21.25 min Scan# 5842
Delta R.T. -0.00 min
Lab File: BM025487.D
Acq: 11 Mar 2020 12:38

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.8	23.6	35.4
229	21.9	16.3	24.5





#21

Benzo(b)fluoranthene

Concen: 0.500 ng/ul m

RT: 22.75 min Scan# 6462

Delta R.T. 0.00 min

Lab File: BM025487.D

Acq: 11 Mar 2020 12:38

Instrument :

BNA_M

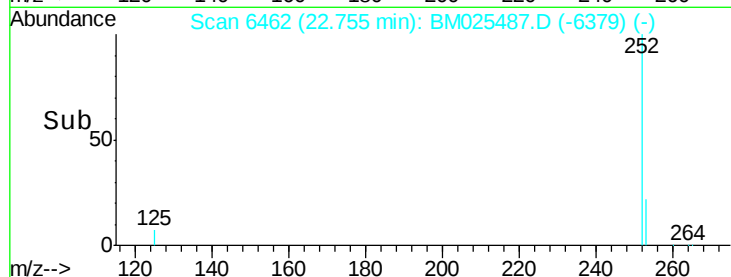
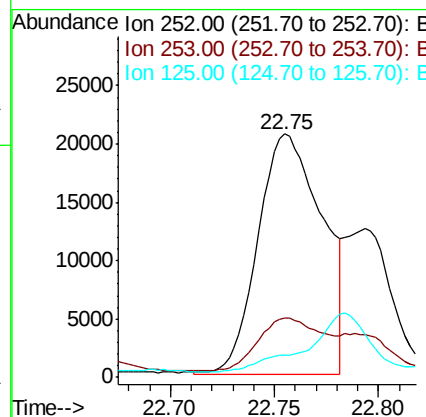
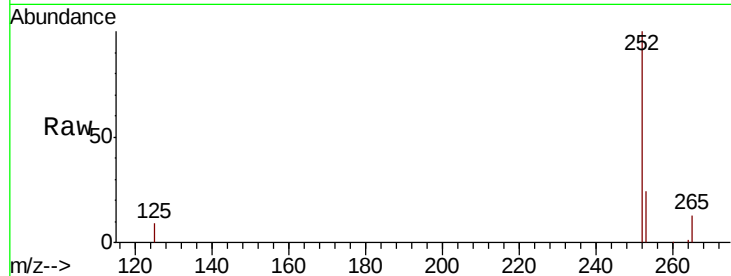
ClientSampleId :

C0CB9

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.3	0.0	50.2
125	9.3	0.0	17.6

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#22

Benzo(k)fluoranthene

Concen: 0.206 ng/ul m

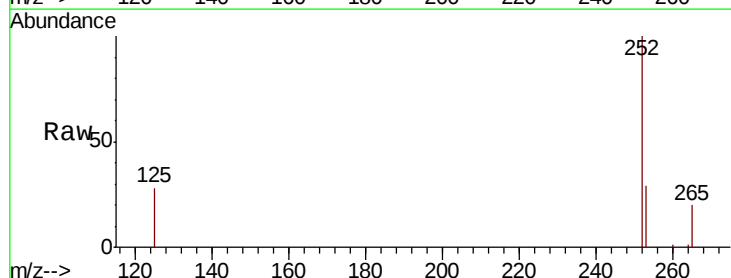
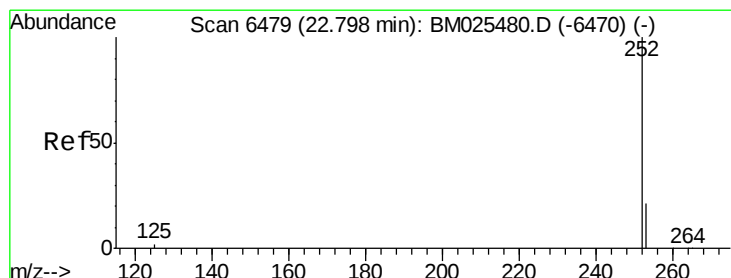
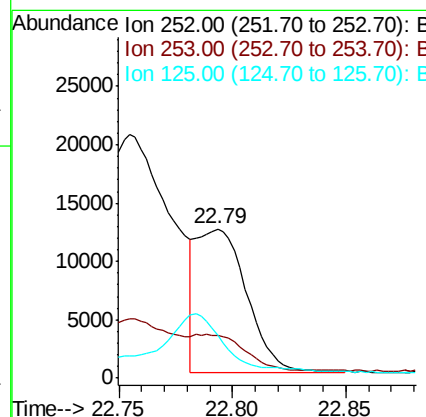
RT: 22.79 min Scan# 6478

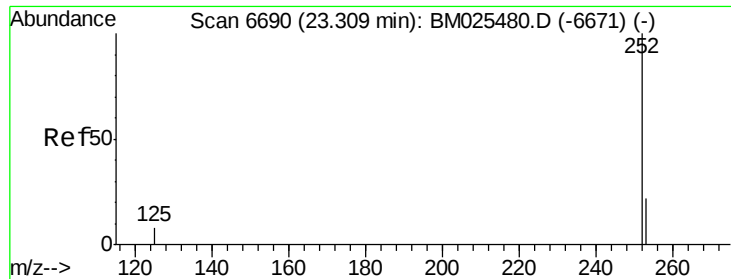
Delta R.T. -0.00 min

Lab File: BM025487.D

Acq: 11 Mar 2020 12:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.8	19.8	29.8
125	28.2	7.1	10.7#





#23

Benzo(a)pyrene

Concen: 0.424 ng/u1

RT: 23.31 min Scan# 6690

Delta R.T. -0.00 min

Lab File: BM025487.D

Acq: 11 Mar 2020 12:38

Instrument :

BNA_M

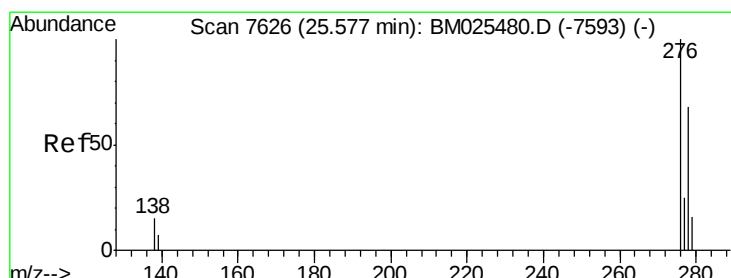
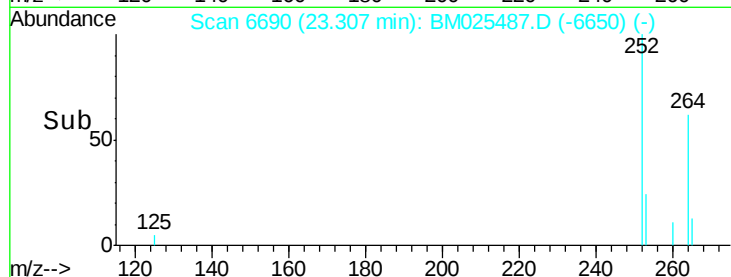
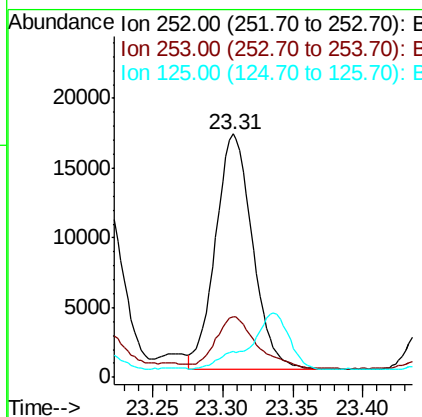
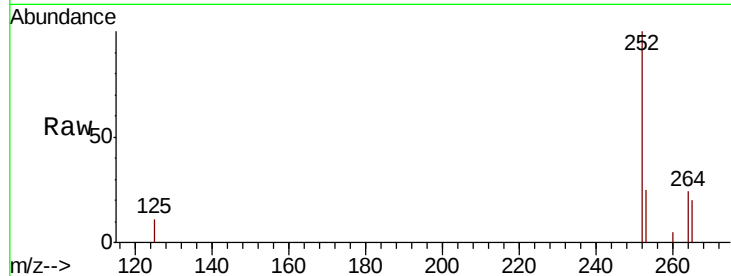
ClientSampleId :

C0CB9

Tot Ion:	252	Resp:	31175
Ion Ratio	Lower	Upper	
252	100		
253	24.9	21.3	31.9
125	10.5	8.5	12.7

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.204 ng/u1

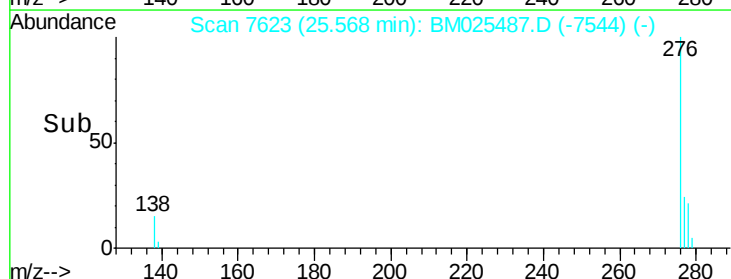
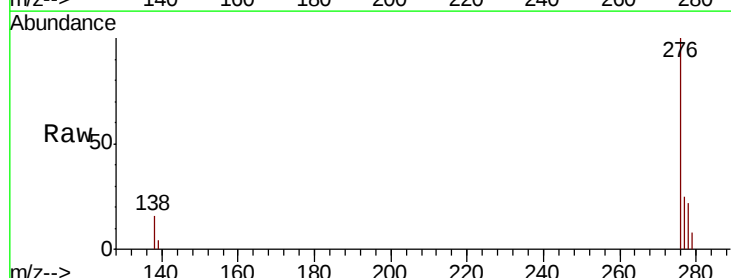
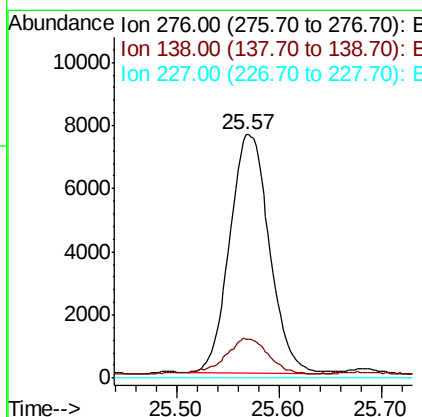
RT: 25.57 min Scan# 7623

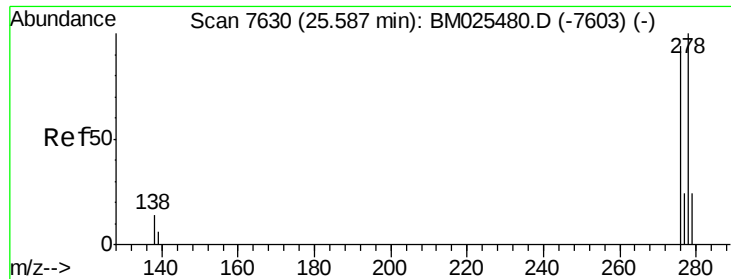
Delta R.T. -0.01 min

Lab File: BM025487.D

Acq: 11 Mar 2020 12:38

Tgt Ion:	276	Resp:	20394
Ion Ratio	Lower	Upper	
276	100		
138	15.3	12.3	18.5
227	0.0	0.0	0.0





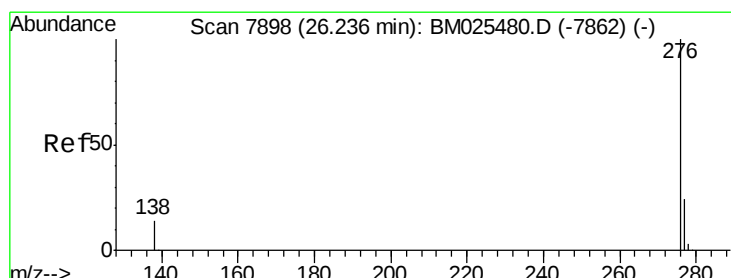
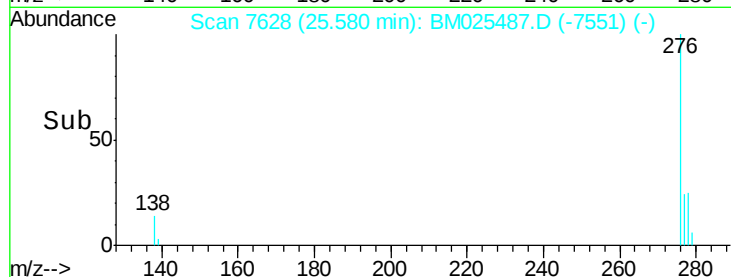
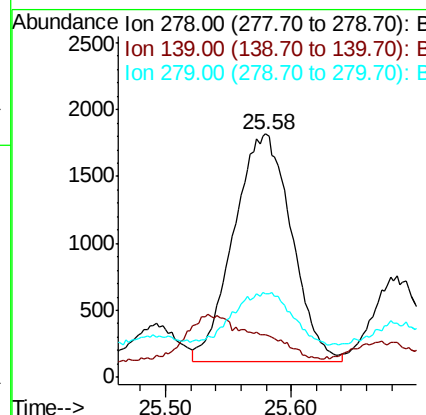
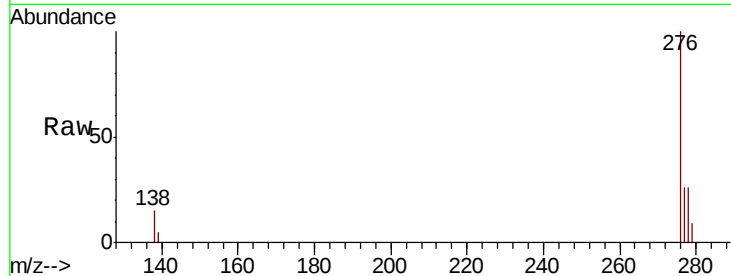
#25
Dibenzo(a,h)anthracene
Concen: 0.065 ng/ul
RT: 25.58 min Scan# 7628
Delta R.T. -0.01 min
Lab File: BM025487.D
Acq: 11 Mar 2020 12:38

Instrument :
BNA_M
ClientSampleId :
C0CB9

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.8	9.0	13.6#
279	34.5	21.1	31.7#

Manual Integrations
APPROVED

mohammad
3/13/2020 8:48:19 AM



#26
Benzo(g,h,i)perylene
Concen: 0.211 ng/ul
RT: 26.23 min Scan# 7897
Delta R.T. -0.01 min
Lab File: BM025487.D
Acq: 11 Mar 2020 12:38

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.4	11.0	16.4
277	25.1	19.8	29.6

