

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030920\
 Data File : BM025491.D
 Acq On : 11 Mar 2020 15:03
 Operator : CG/JU
 Sample : L1677-10
 Misc :
 ALS Vial : 84 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0CC0

Manual Integrations
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mohammad
 3/13/2020 8:48:46 AM

Quant Time: Mar 11 16:26:15 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	3565	0.40	ng/ul	0.00
2) Naphthalene-d8	10.43	136	14877	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.29	164	9803	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.03	188	18825m	0.40	ng/ul	0.00
16) Chrysene-d12	21.22	240	16062	0.40	ng/ul	0.00
20) Perylene-d12	23.40	264	18334	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	9260	0.35	ng/ul	0.00
14) Fluoranthene-d10	19.06	212	18434	0.36	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.48	128	2115	0.048	ng/ul#	91
5) 2-Methylnaphthalene	12.09	142	2023	0.064	ng/ul	100
7) Acenaphthylene	14.01	152	4510	0.113	ng/ul	98
9) Fluorene	15.34	166	1119	0.026	ng/ul#	91
12) Phenanthrene	17.07	178	18896	0.317	ng/ul	99
13) Anthracene	17.16	178	6855	0.132	ng/ul	97
15) Fluoranthene	19.09	202	78032	1.207	ng/ul	99
17) Pyrene	19.45	202	67495	0.936	ng/ul	99
18) Benzo(a)anthracene	21.20	228	46087	0.803	ng/ul	97
19) Chrysene	21.25	228	38502	0.597	ng/ul	98
21) Benzo(b)fluoranthene	22.75	252	53795m	0.741	ng/ul	
22) Benzo(k)fluoranthene	22.79	252	23734m	0.312	ng/ul	
23) Benzo(a)pyrene	23.31	252	36411	0.604	ng/ul	97
24) Indeno(1,2,3-cd)pyrene	25.57	276	21555	0.264	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.58	278	6418	0.093	ng/ul#	84
26) Benzo(a,h,i)perylene	26.23	276	19797	0.279	ng/ul	98

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

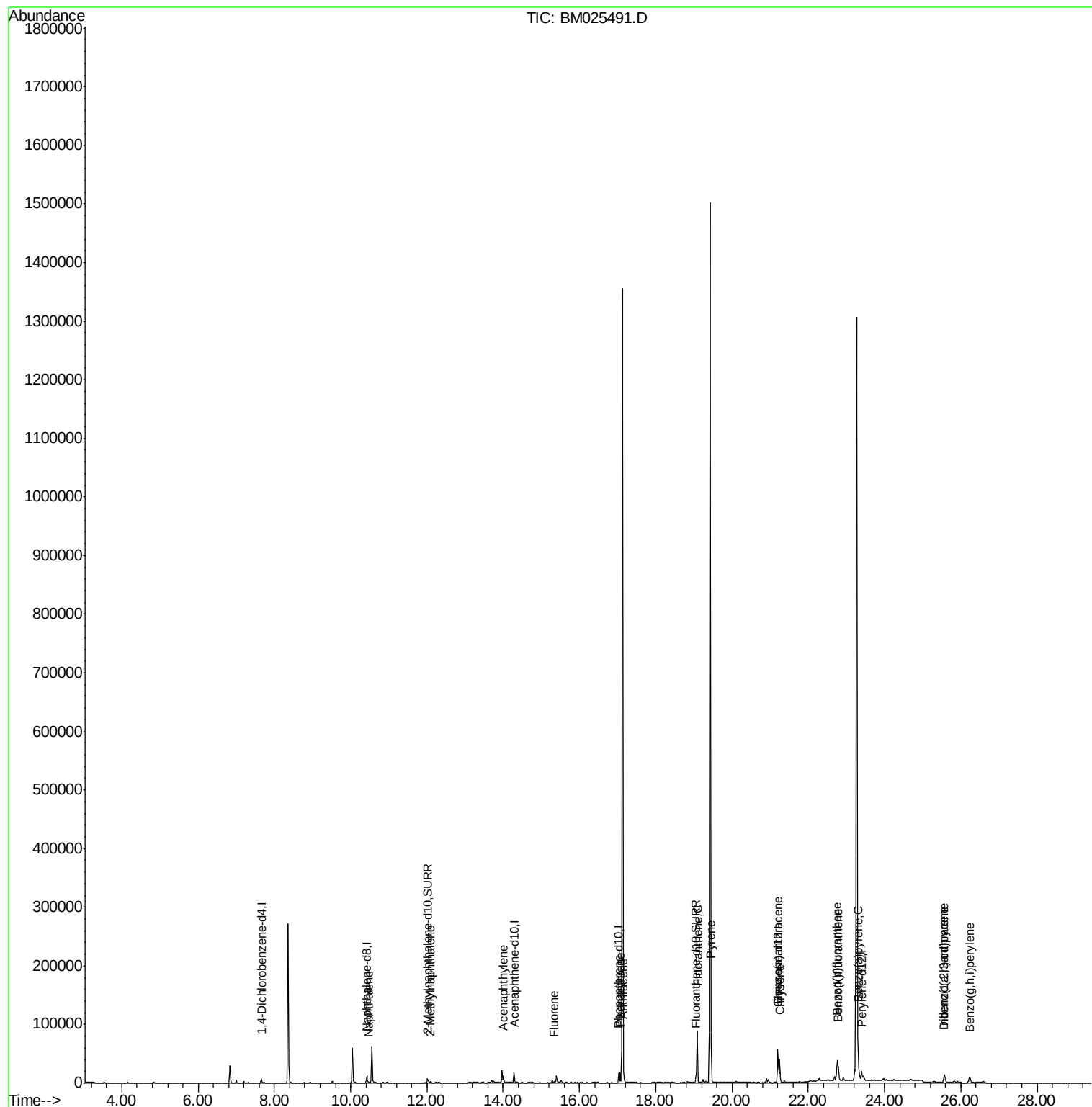
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030920\
Data File : BM025491.D
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ALS Vial : 84 Sample Multiplier: 1

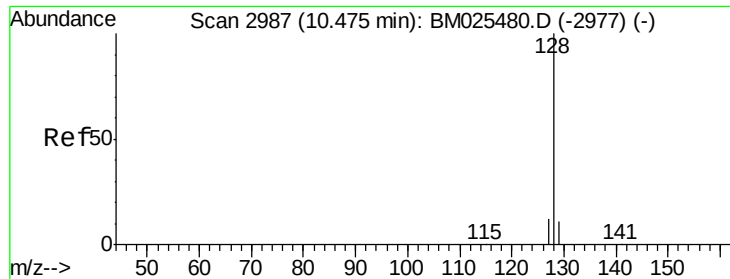
Instrument :
BNA_M
ClientSampleId :
C0CC0

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030920.M
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QLast Update : Wed Mar 11 07:15:41 2020
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.048 ng/ul

RT: 10.48 min Scan# 2987

Delta R.T. -0.00 min

Lab File: BM025491.D

Acq: 11 Mar 2020 15:03

Instrument :

BNA_M

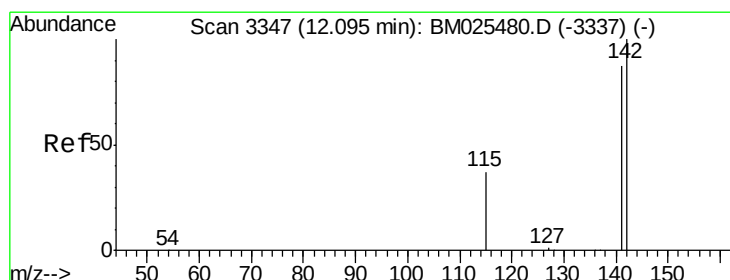
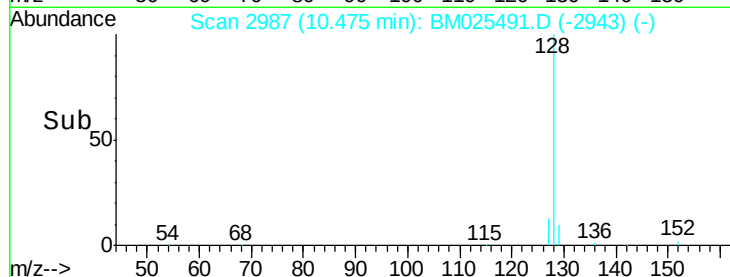
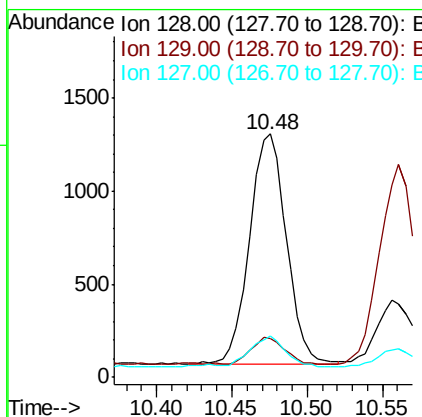
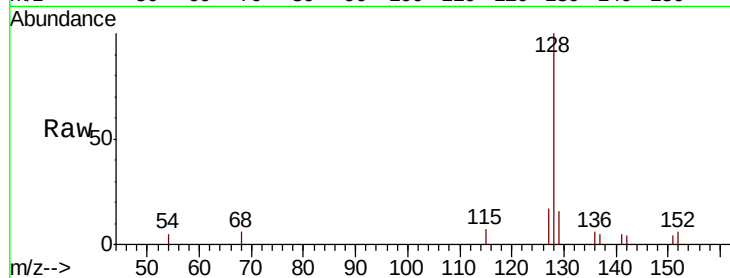
ClientSampleId :

C0CC0

Tot Ion:	128	Resp:	2115
Ion	Ratio	Lower	Upper
128	100		
129	16.0	9.4	14.0#
127	16.8	10.9	16.3#

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#5

2-Methylnaphthalene

Concen: 0.064 ng/ul

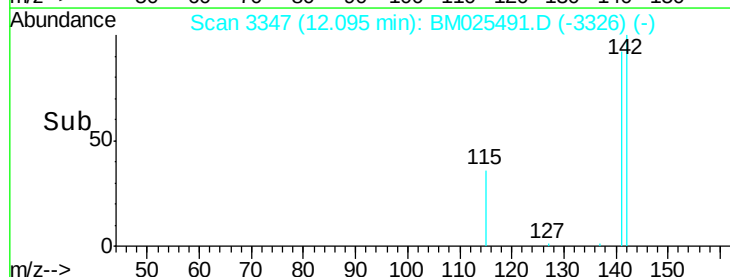
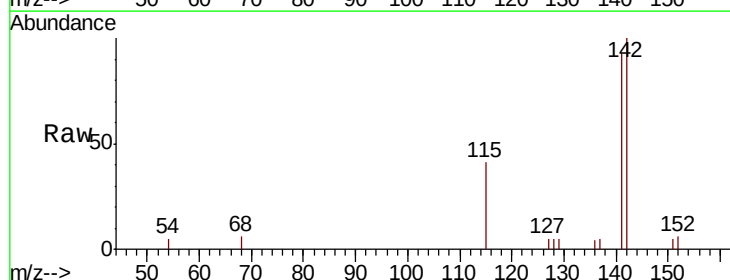
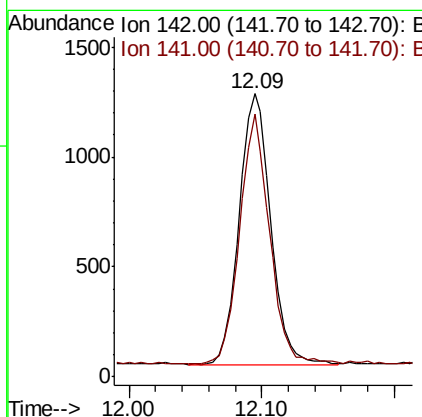
RT: 12.09 min Scan# 3347

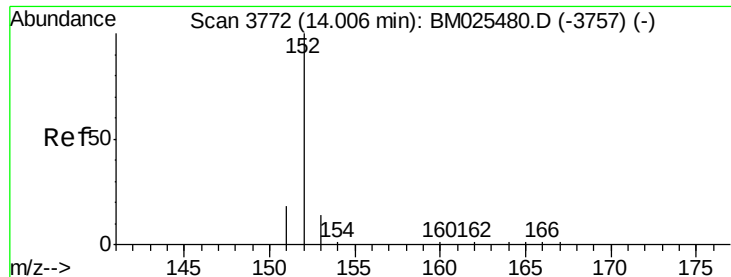
Delta R.T. -0.01 min

Lab File: BM025491.D

Acq: 11 Mar 2020 15:03

Tgt Ion:	142	Resp:	2023
Ion	Ratio	Lower	Upper
142	100		
141	87.5	69.8	104.6





#7

Acenaphthylene

Concen: 0.113 ng/ul

RT: 14.01 min Scan# 3772

Delta R.T. -0.00 min

Lab File: BM025491.D

Acq: 11 Mar 2020 15:03

Instrument :

BNA_M

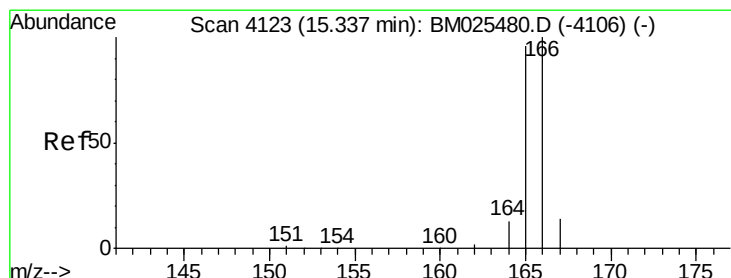
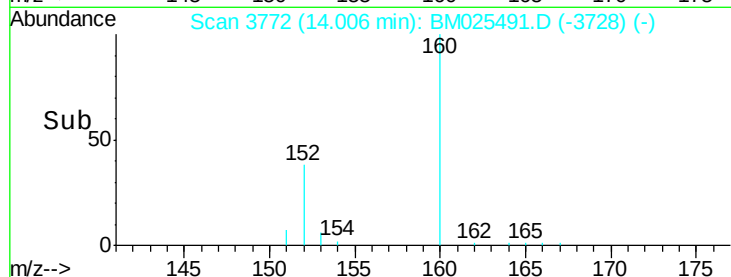
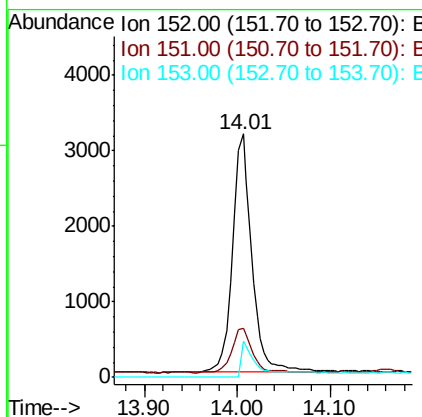
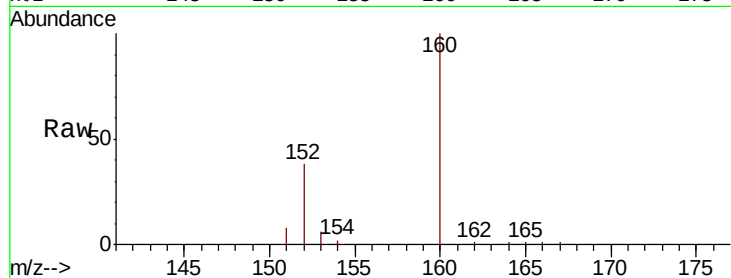
ClientSampleId :

C0CC0

Tot Ion:	152	Resp:	4510
Ion Ratio	Lower	Upper	
152	100		
151	20.3	16.2	24.2
153	15.0	10.6	16.0

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#9

Fluorene

Concen: 0.026 ng/ul

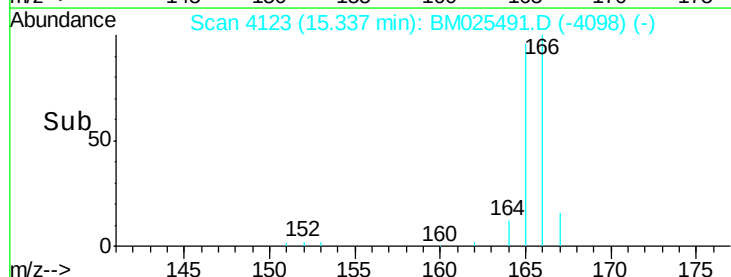
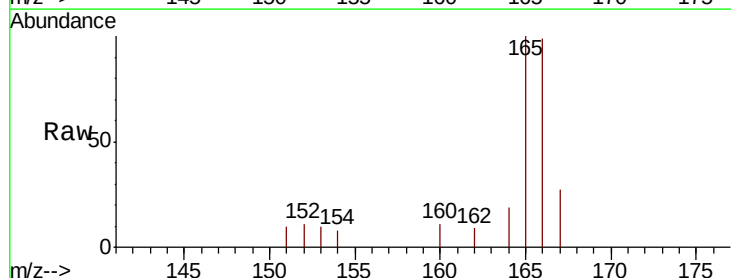
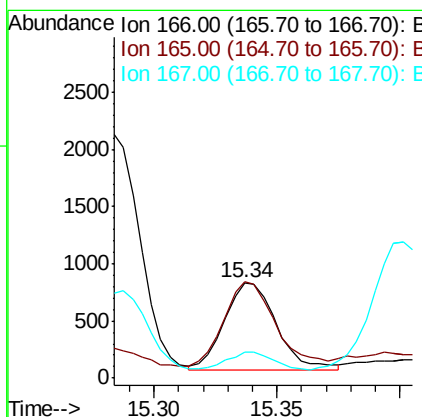
RT: 15.34 min Scan# 4123

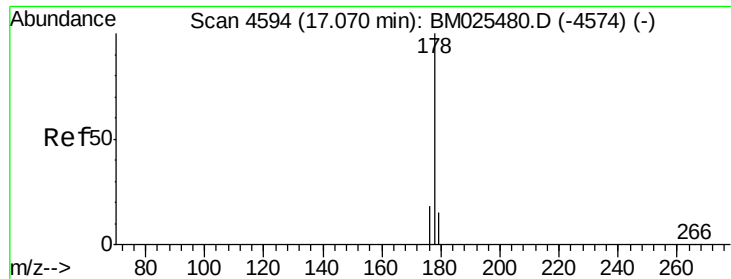
Delta R.T. -0.01 min

Lab File: BM025491.D

Acq: 11 Mar 2020 15:03

Tgt Ion:	166	Resp:	1119
Ion Ratio	Lower	Upper	
166	100		
165	101.3	76.8	115.2
167	27.4	11.2	16.8#





#12

Phenanthrene

Concen: 0.317 ng/ul

RT: 17.07 min Scan# 4594

Delta R.T. -0.01 min

Lab File: BM025491.D

Acq: 11 Mar 2020 15:03

Instrument :

BNA_M

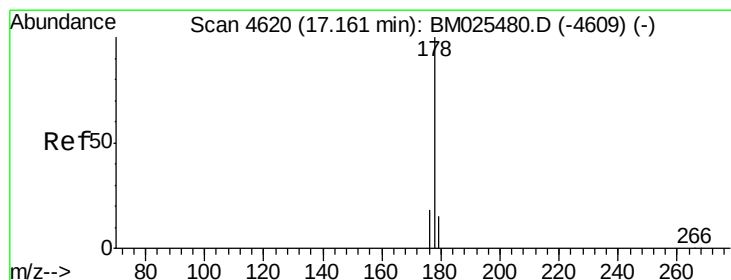
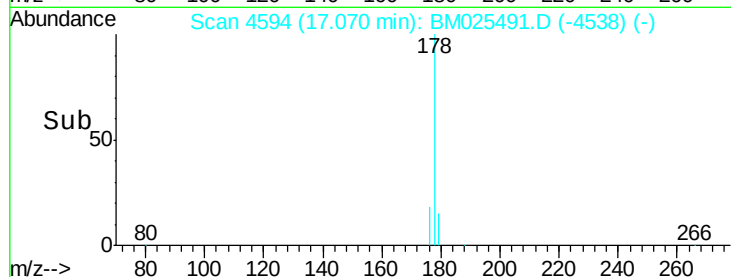
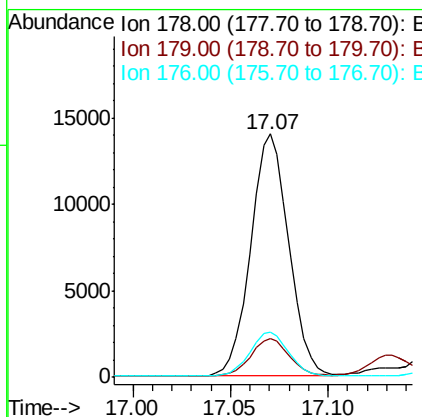
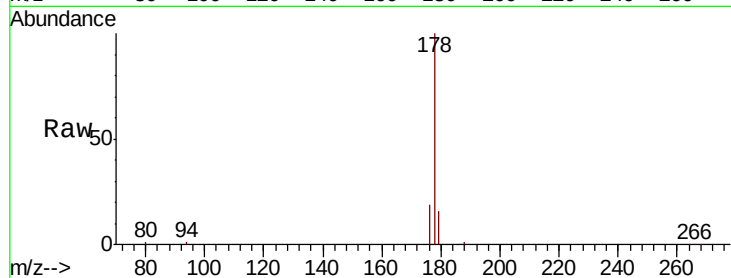
ClientSampleId :

C0CC0

Tot Ion:178	Resp:	18896
Ion Ratio	Lower	Upper
178	100	
179	16.1	12.4 18.6
176	18.7	14.8 22.2

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#13

Anthracene

Concen: 0.132 ng/ul

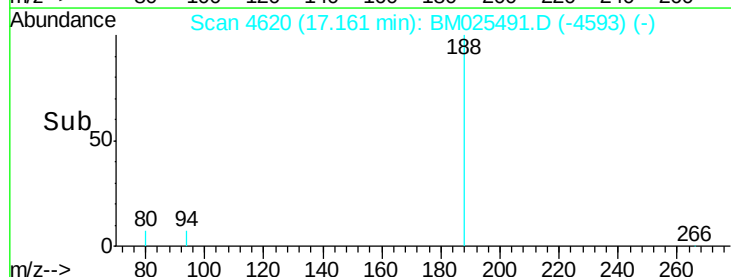
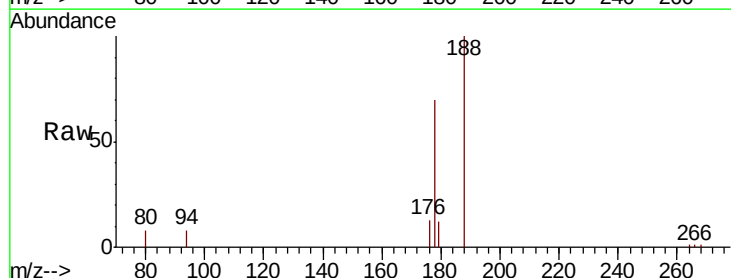
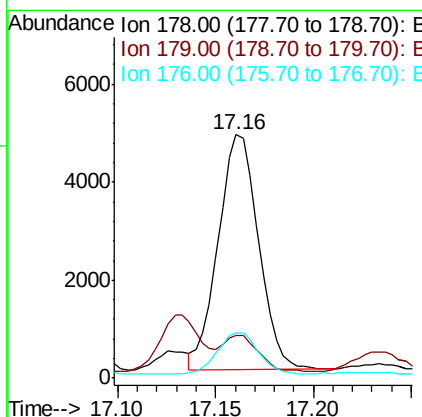
RT: 17.16 min Scan# 4620

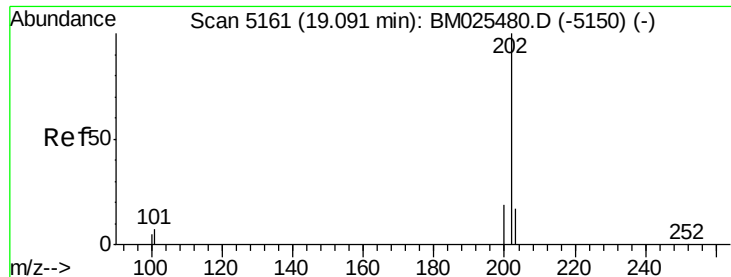
Delta R.T. -0.01 min

Lab File: BM025491.D

Acq: 11 Mar 2020 15:03

Tgt Ion:178	Resp:	6855
Ion Ratio	Lower	Upper
178	100	
179	17.5	12.6 18.8
176	18.7	14.5 21.7





#15

Fluoranthene

Concen: 1.207 ng/ul

RT: 19.09 min Scan# 5161

Delta R.T. -0.00 min

Lab File: BM025491.D

Acq: 11 Mar 2020 15:03

Instrument :

BNA_M

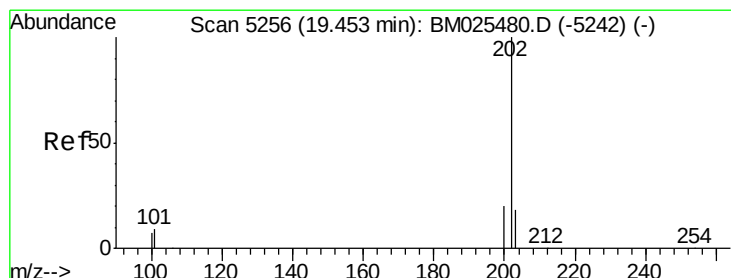
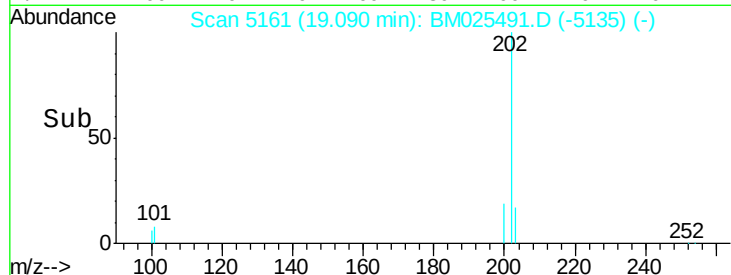
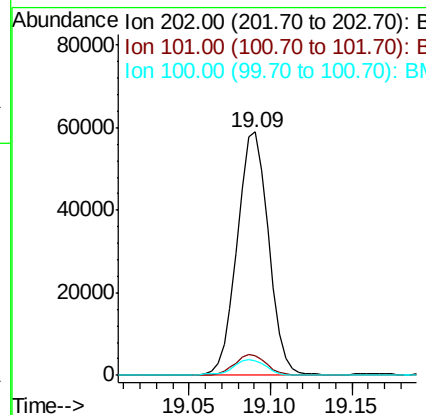
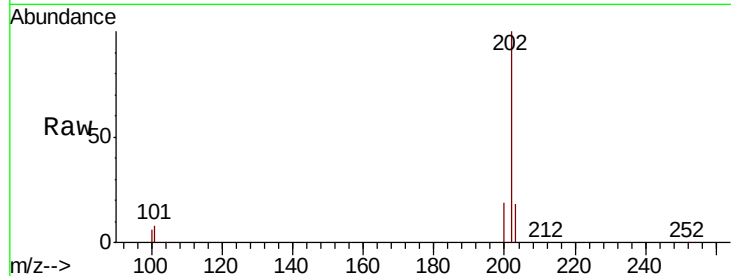
ClientSampleId :

C0CC0

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	8.2	0.0	27.5
100	6.0	0.0	26.0

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#17

Pyrene

Concen: 0.936 ng/ul

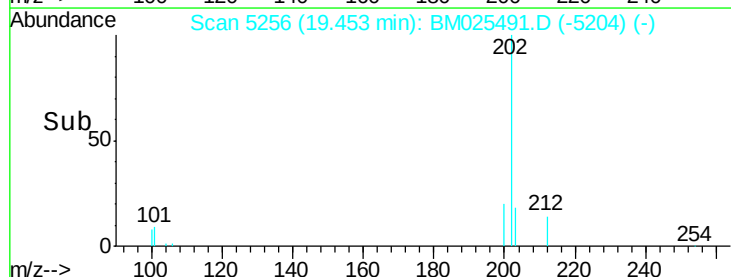
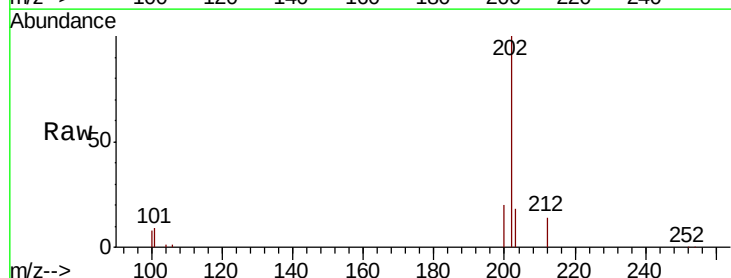
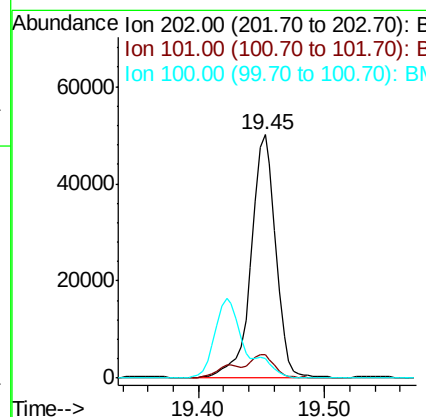
RT: 19.45 min Scan# 5256

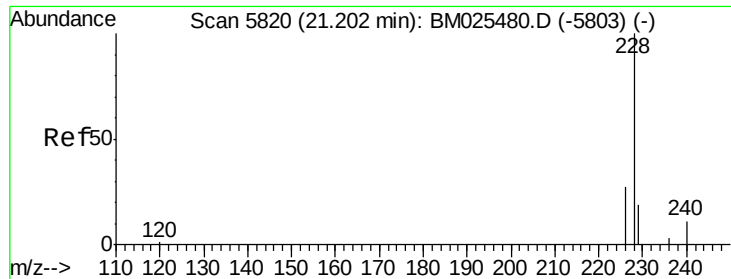
Delta R.T. -0.00 min

Lab File: BM025491.D

Acq: 11 Mar 2020 15:03

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	9.5	7.1	10.7
100	8.0	6.0	9.0





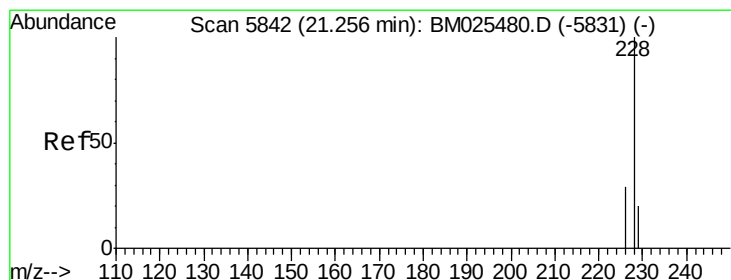
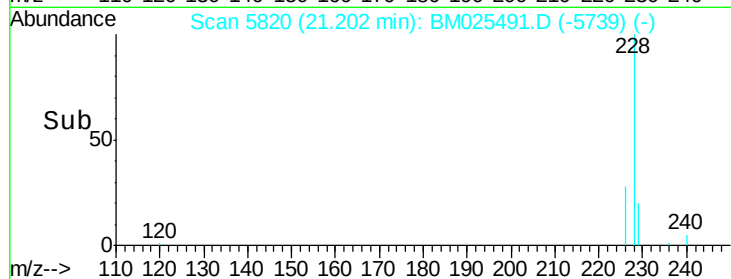
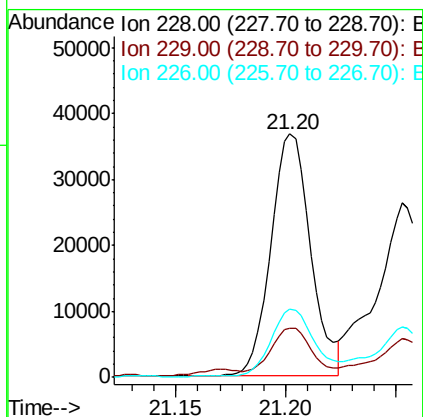
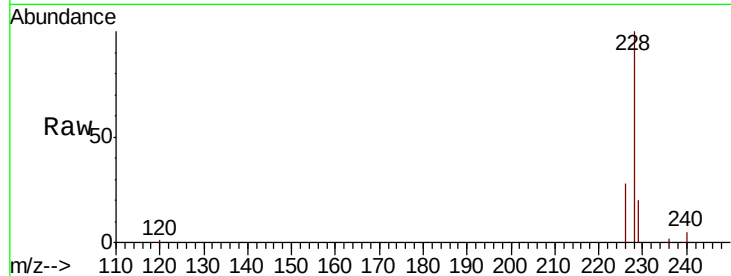
#18
Benzo(a)anthracene
Concen: 0.803 ng/ul
RT: 21.20 min Scan# 5820
Delta R.T. -0.00 min
Lab File: BM025491.D
Acq: 11 Mar 2020 15:03

Instrument :
BNA_M
ClientSampleId :
C0CC0

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.4	15.6	23.4
226	27.9	21.1	31.7

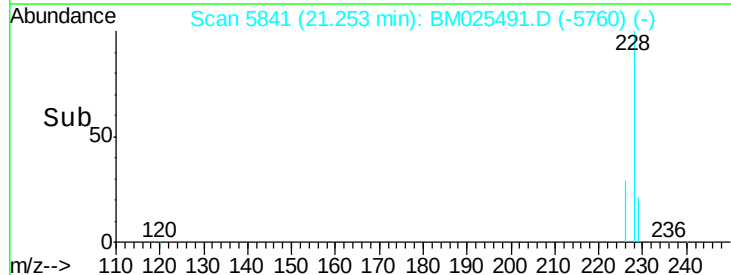
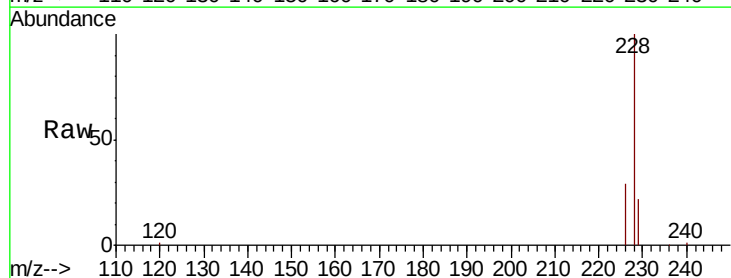
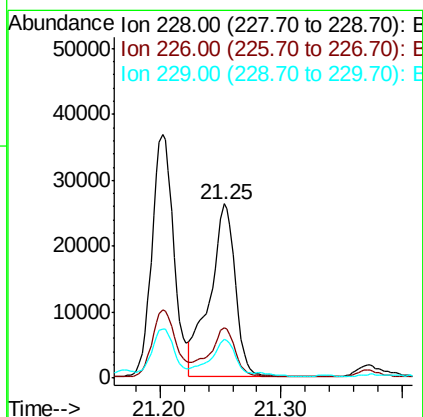
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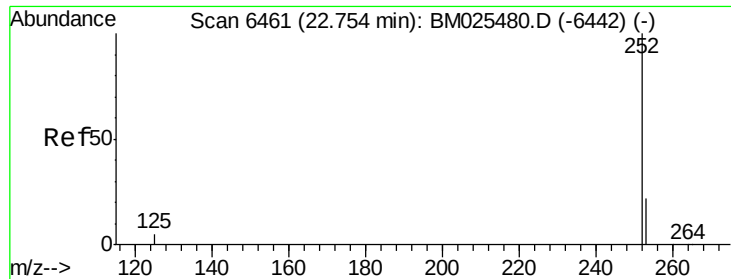
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#19
Chrysene
Concen: 0.597 ng/ul
RT: 21.25 min Scan# 5841
Delta R.T. -0.00 min
Lab File: BM025491.D
Acq: 11 Mar 2020 15:03

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.9	23.6	35.4
229	22.1	16.3	24.5





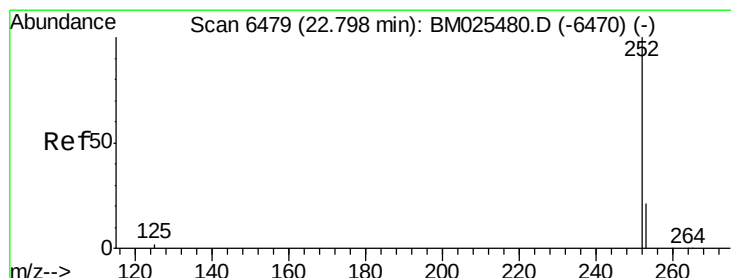
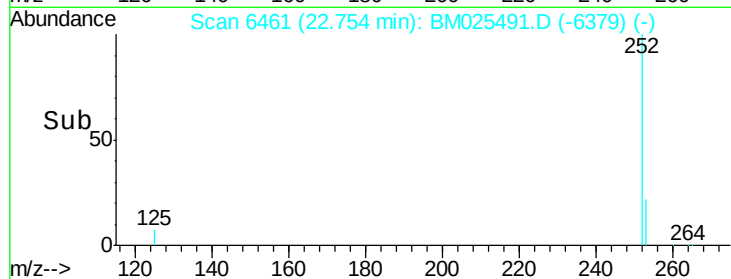
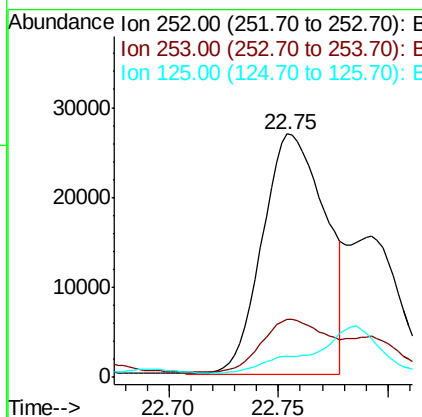
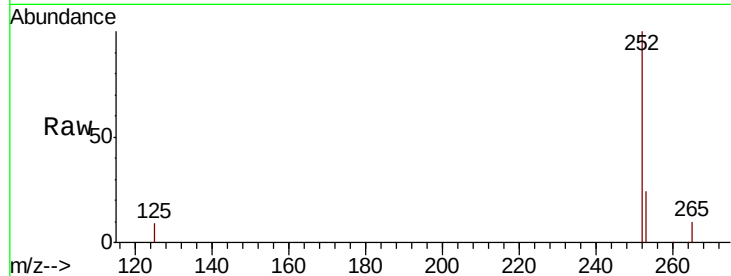
#21
Benzo(b)fluoranthene
Concen: 0.741 ng/ul m
RT: 22.75 min Scan# 6461
Delta R.T. -0.00 min
Lab File: BM025491.D
Acq: 11 Mar 2020 15:03

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
252	100		
253	24.0	0.0	50.2
125	8.7	0.0	17.6

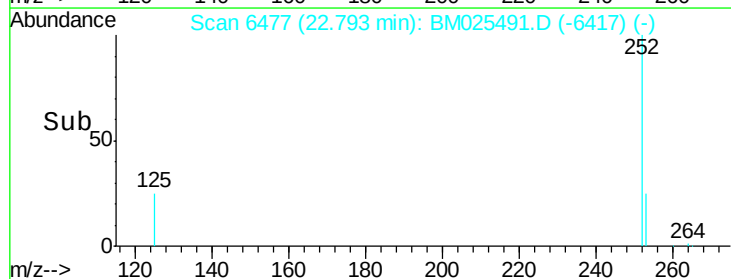
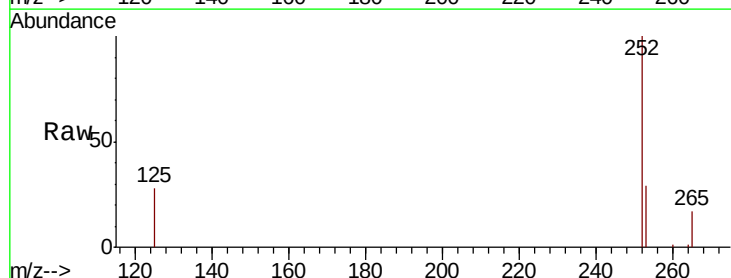
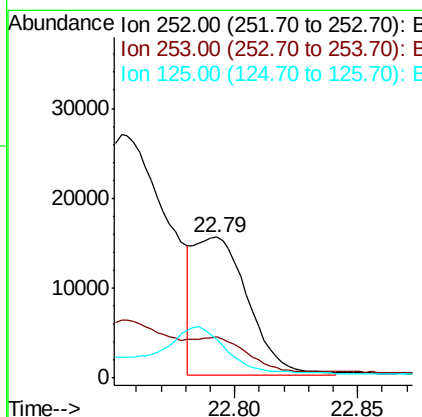
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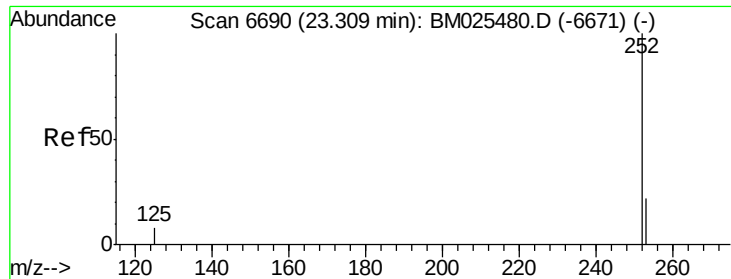
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#22
Benzo(k)fluoranthene
Concen: 0.312 ng/ul m
RT: 22.79 min Scan# 6477
Delta R.T. -0.01 min
Lab File: BM025491.D
Acq: 11 Mar 2020 15:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	29.2	19.8	29.8
125	27.5	7.1	10.7#





#23

Benzo(a)pyrene

Concen: 0.604 ng/ul

RT: 23.31 min Scan# 6691

Delta R.T. 0.00 min

Lab File: BM025491.D

Acq: 11 Mar 2020 15:03

Instrument :

BNA_M

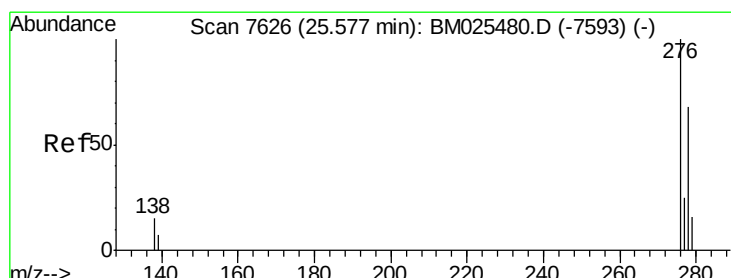
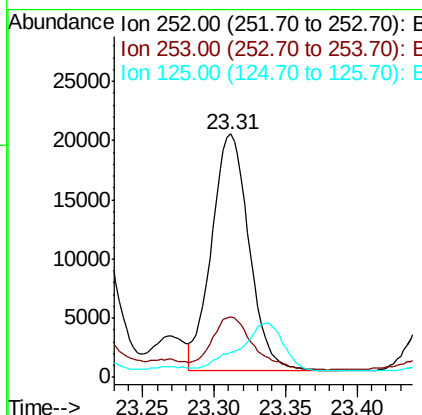
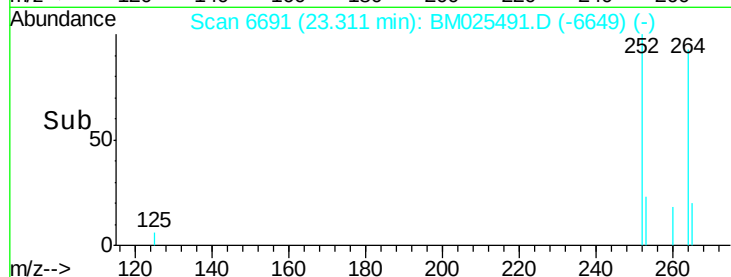
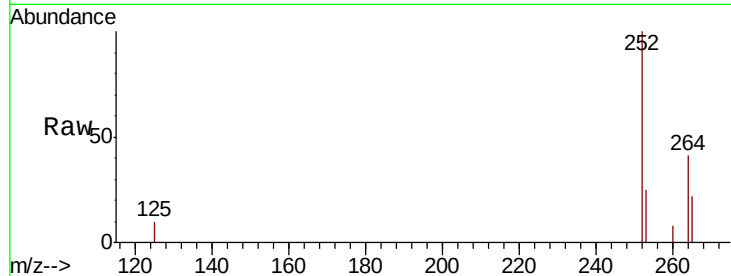
ClientSampleId :

C0CC0

Tot Ion:	252	Resp:	36411
Ion Ratio	Lower	Upper	
252	100		
253	24.7	21.3	31.9
125	10.4	8.5	12.7

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.264 ng/ul

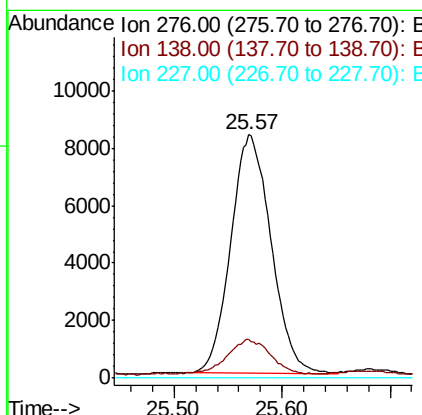
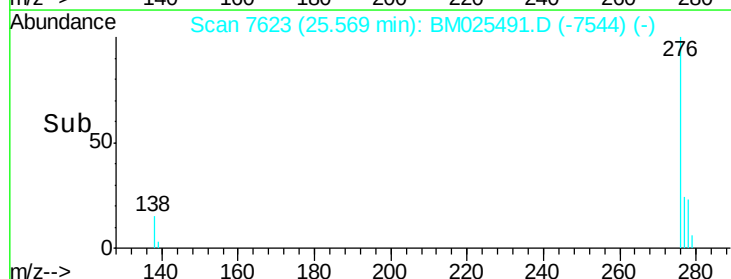
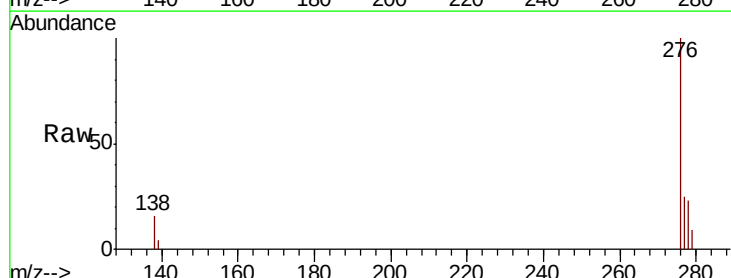
RT: 25.57 min Scan# 7623

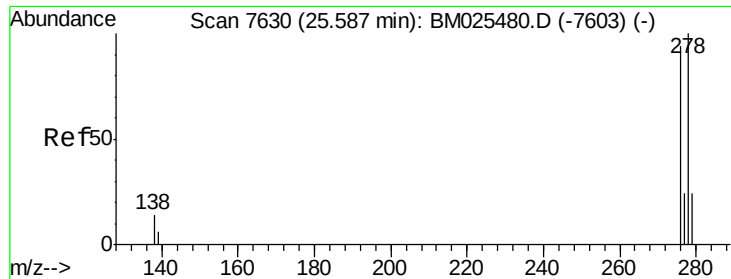
Delta R.T. -0.01 min

Lab File: BM025491.D

Acq: 11 Mar 2020 15:03

Tgt Ion:	276	Resp:	21555
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: 0.093 ng/ul

RT: 25.58 min Scan# 7626

Delta R.T. -0.02 min

Lab File: BM025491.D

Acq: 11 Mar 2020 15:03

Instrument :

BNA_M

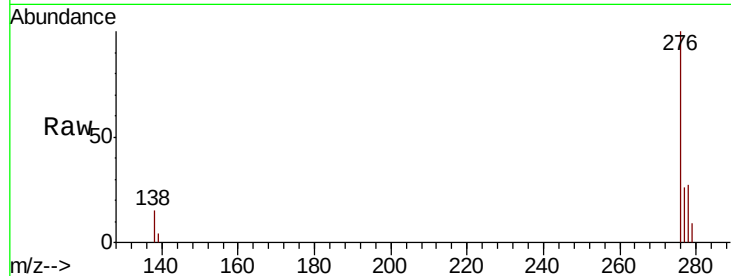
ClientSampleId :

C0CC0

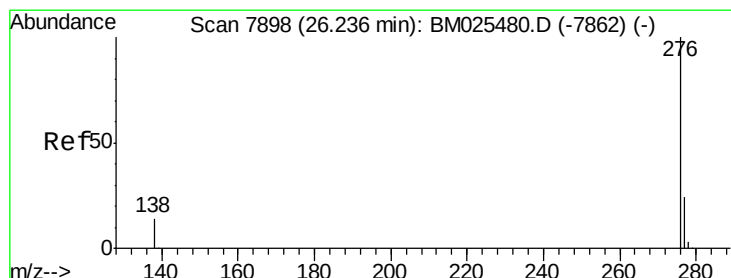
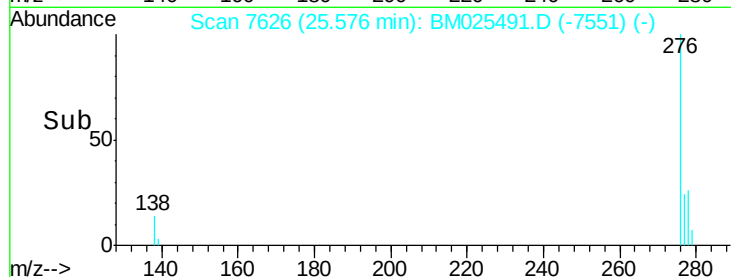
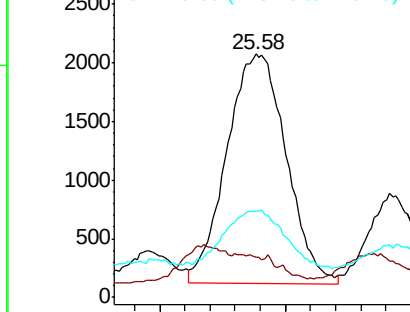
Tot Ion:	278	Resp:	6418
Ion Ratio	Lower	Upper	
278	100		
139	16.4	9.0	13.6#
279	35.5	21.1	31.7#

Manual Integrations
APPROVED

mohammad
3/13/2020 8:48:46 AM



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#26

Benzo(g,h,i)perylene

Concen: 0.279 ng/ul

RT: 26.23 min Scan# 7897

Delta R.T. -0.01 min

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Acq: 11 Mar 2020 15:03

Tgt Ion:	276	Resp:	19797
Ion Ratio	Lower	Upper	
276	100		
138	16.0	11.0	16.4
277	24.7	19.8	29.6

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

