

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030920\
 Data File : BM025490.D
 Acq On : 11 Mar 2020 14:27
 Operator : CG/JU
 Sample : L1677-16
 Misc :
 ALS Vial : 83 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0CD8

Manual Integrations
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 3/13/2020 8:48:53 AM

Quant Time: Mar 11 16:23:31 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	3904	0.40	ng/ul	0.00
2) Naphthalene-d8	10.43	136	16241	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.29	164	10327	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.03	188	21073	0.40	ng/ul	0.00
16) Chrysene-d12	21.22	240	17833	0.40	ng/ul	0.00
20) Perylene-d12	23.40	264	19330	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	2164	0.07	ng/ul	0.00
14) Fluoranthene-d10	19.06	212	5011	0.09	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.48	128	970	0.020	ng/ul#	82
5) 2-Methylnaphthalene	12.09	142	733	0.021	ng/ul	98
12) Phenanthrene	17.07	178	10477	0.157	ng/ul	98
13) Anthracene	17.16	178	2701	0.046	ng/ul#	91
15) Fluoranthene	19.09	202	15694	0.217	ng/ul	99
17) Pyrene	19.45	202	13345	0.167	ng/ul	96
18) Benzo(a)anthracene	21.20	228	7155	0.112	ng/ul	94
19) Chrysene	21.25	228	8279m	0.116	ng/ul	
21) Benzo(b)fluoranthene	22.75	252	8832m	0.115	ng/ul	
22) Benzo(k)fluoranthene	22.79	252	3909m	0.049	ng/ul	
23) Benzo(a)pyrene	23.31	252	5314	0.084	ng/ul#	75
24) Indeno(1,2,3-cd)pyrene	25.57	276	3710	0.043	ng/ul#	96
26) Benzo(g,h,i)perylene	26.23	276	3319	0.044	ng/ul#	86

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

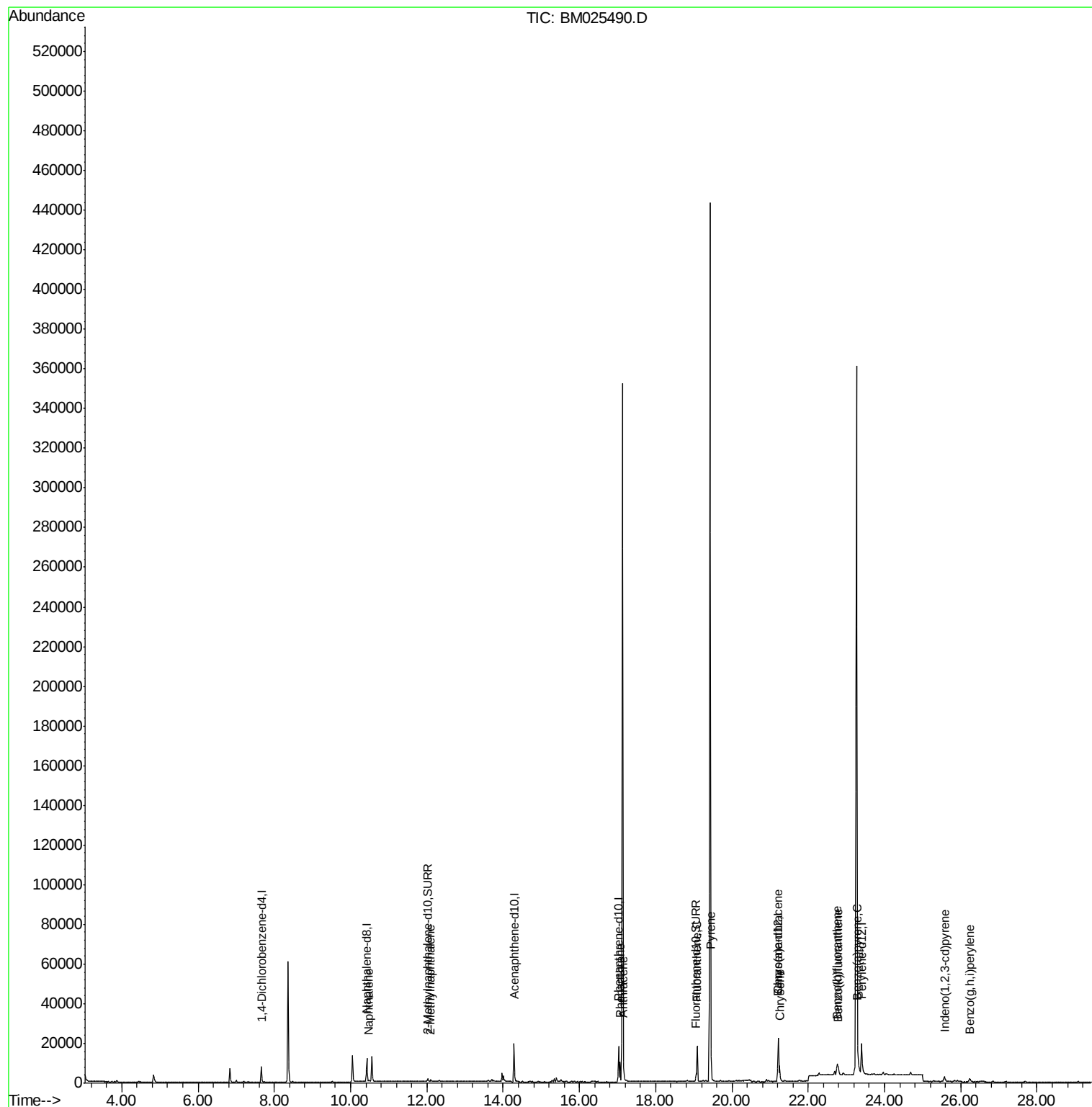
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030920\
Data File : BM025490.D
Acq On : 11 Mar 2020 14:27
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Sample : L1677-16
Misc :
ALS Vial : 83 Sample Multiplier: 1

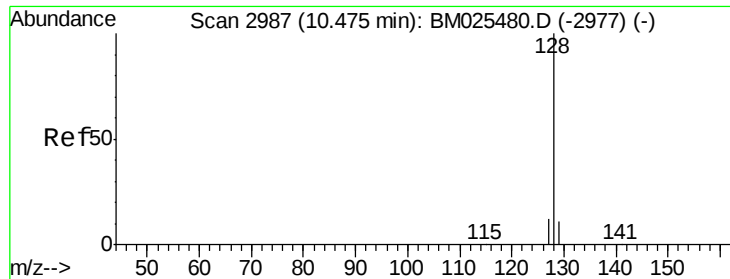
Instrument :
BNA_M
ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 11 07:15:41 2020
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.020 ng/ul

RT: 10.48 min Scan# 2987

Delta R.T. -0.00 min

Lab File: BM025490.D

Acq: 11 Mar 2020 14:27

Instrument :

BNA_M

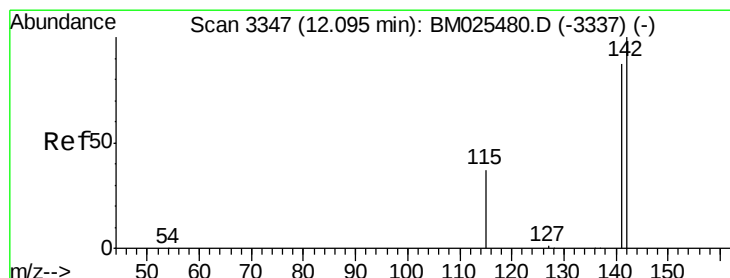
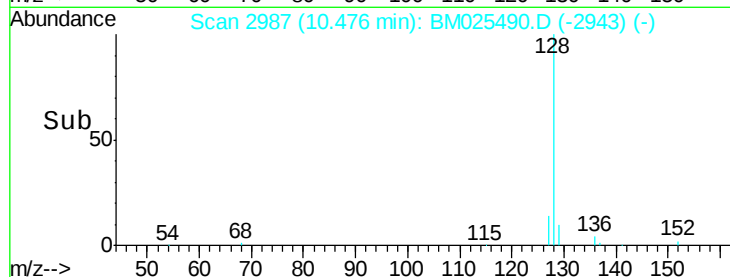
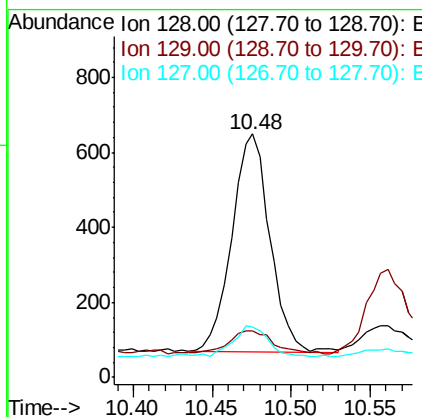
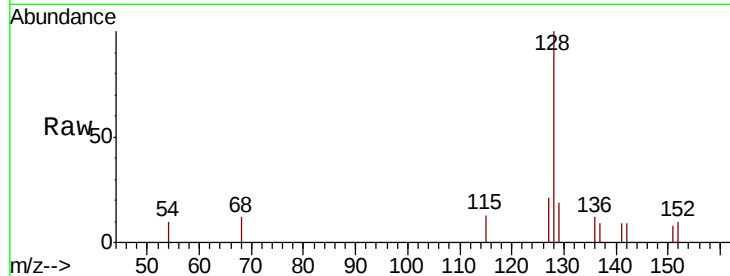
ClientSampleId :

C0CD8

Tot Ion:	128	Resp:	970
Ion Ratio	Lower	Upper	
128	100		
129	19.1	9.4	14.0#
127	20.8	10.9	16.3#

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#5

2-Methylnaphthalene

Concen: 0.021 ng/ul

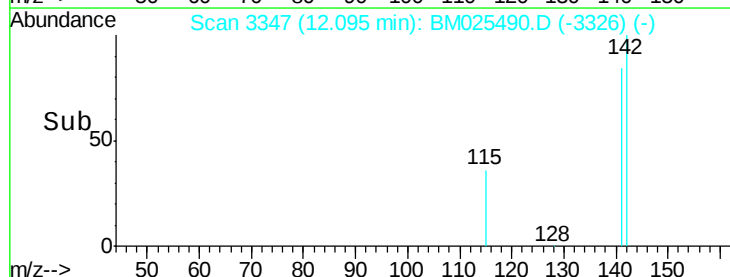
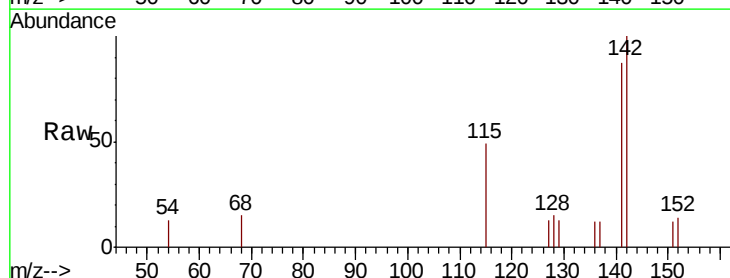
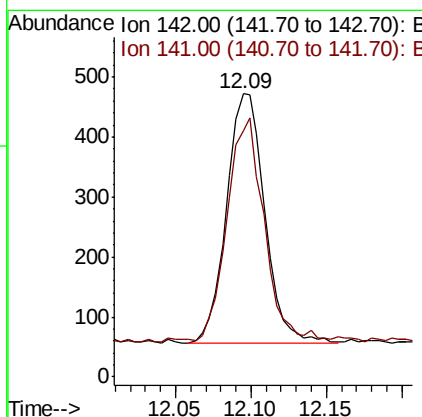
RT: 12.09 min Scan# 3347

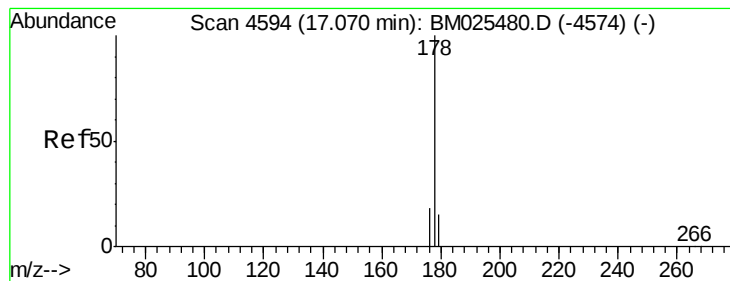
Delta R.T. -0.01 min

Lab File: BM025490.D

Acq: 11 Mar 2020 14:27

Tgt Ion:	142	Resp:	733
Ion Ratio	Lower	Upper	
142	100		
141	85.1	69.8	104.6





#12

Phenanthrene

Concen: 0.157 ng/ul

RT: 17.07 min Scan# 4594

Delta R.T. -0.01 min

Lab File: BM025490.D

Acq: 11 Mar 2020 14:27

Instrument :

BNA_M

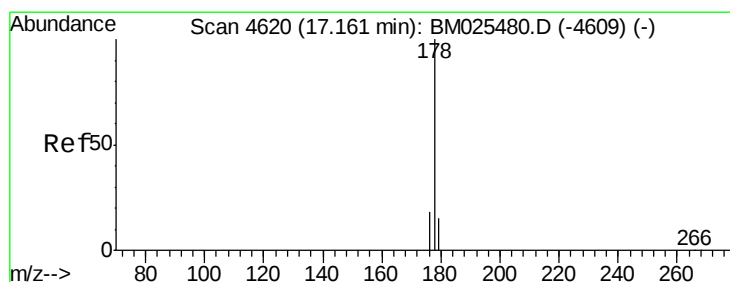
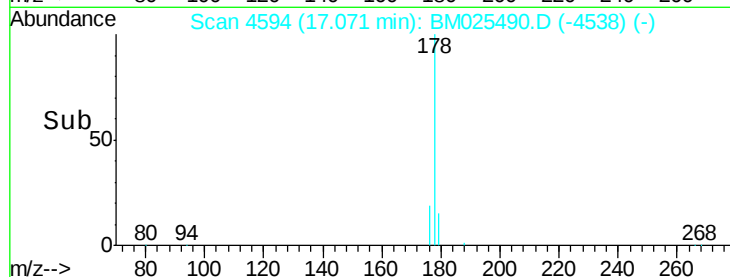
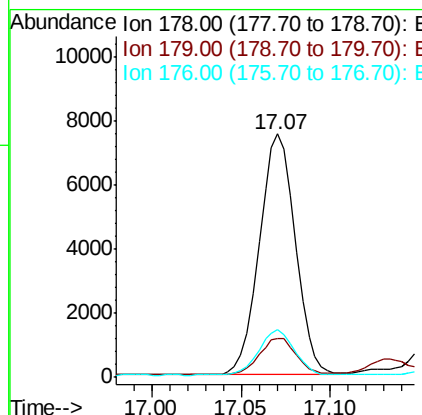
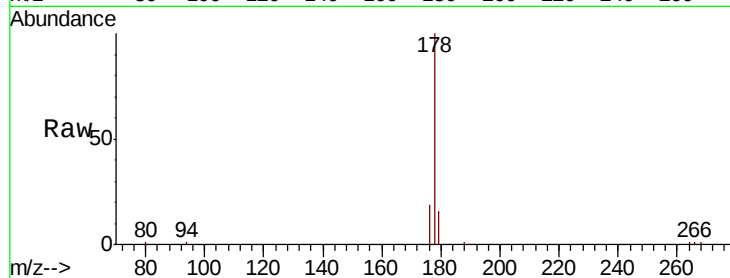
ClientSampleId :

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Tot Ion:	178	Resp:	10477
Ion Ratio	Lower	Upper	
178	100		
179	16.1	12.4	18.6
176	19.4	14.8	22.2

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#13

Anthracene

Concen: 0.046 ng/ul

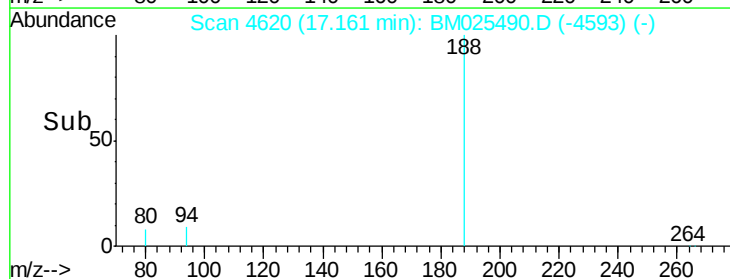
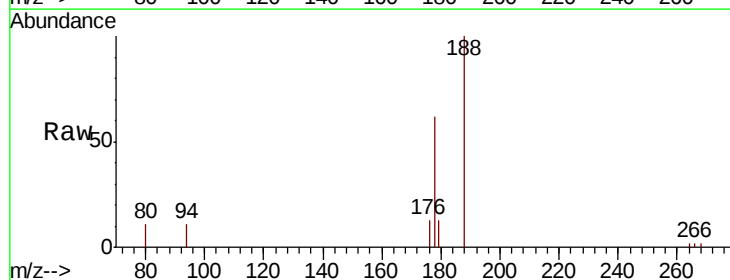
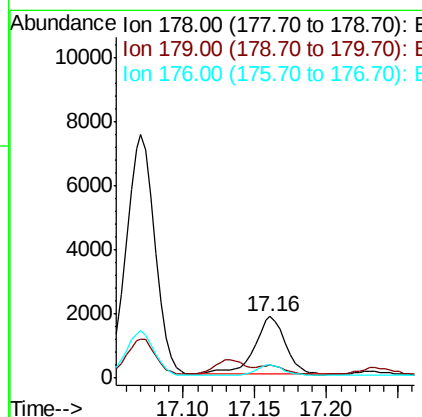
RT: 17.16 min Scan# 4620

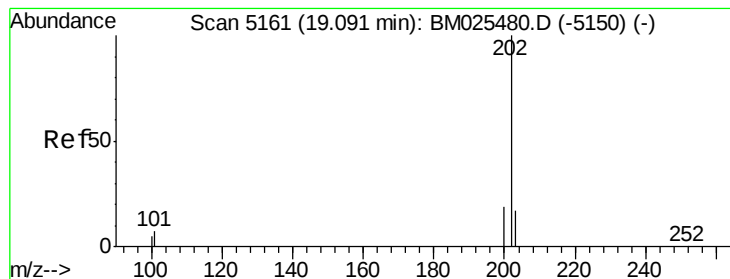
Delta R.T. -0.01 min

Lab File: BM025490.D

Acq: 11 Mar 2020 14:27

Tgt Ion:	178	Resp:	2701
Ion Ratio	Lower	Upper	
178	100		
179	21.0	12.6	18.8#
176	20.7	14.5	21.7





#15

Fluoranthene

Concen: 0.217 ng/ul

RT: 19.09 min Scan# 5161

Delta R.T. -0.00 min

Lab File: BM025490.D

Acq: 11 Mar 2020 14:27

Instrument :

BNA_M

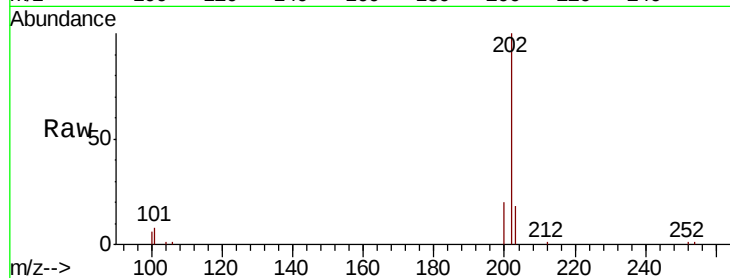
ClientSampleId :

C0CD8

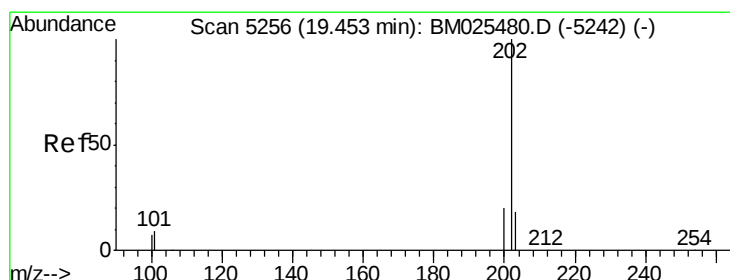
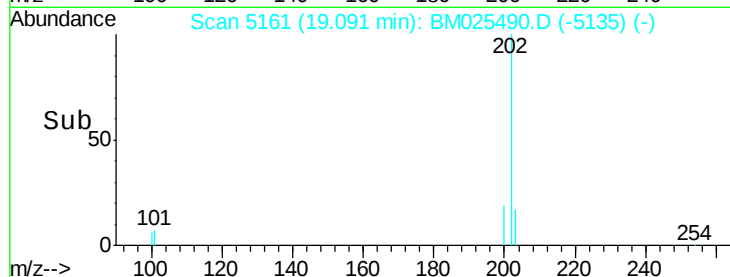
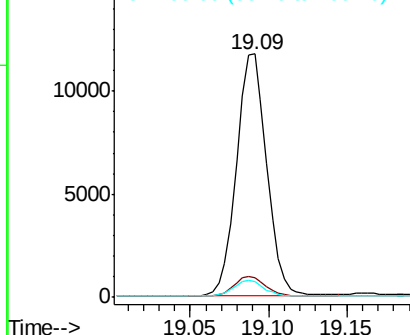
Tot Ion:	202	Resp:	15694
Ion Ratio	Lower	Upper	
202	100		
101	8.2	0.0	27.5
100	6.3	0.0	26.0

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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: 0.167 ng/ul

RT: 19.45 min Scan# 5255

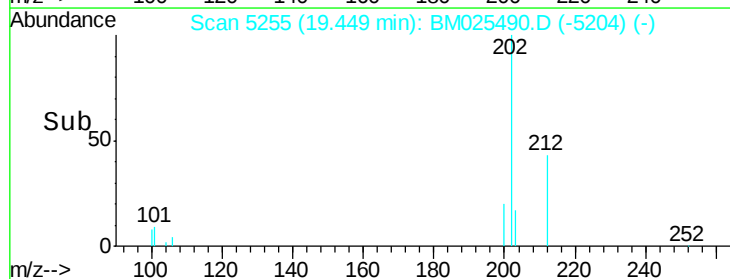
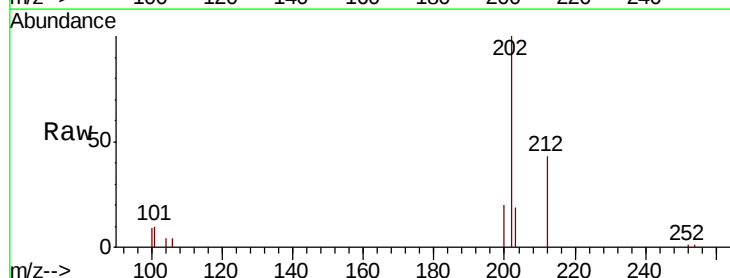
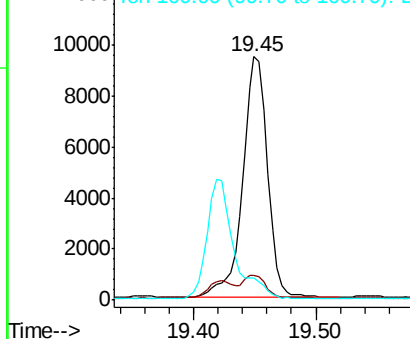
Delta R.T. -0.01 min

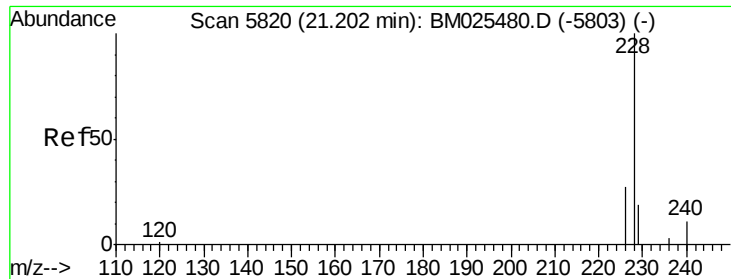
Lab File: BM025490.D

Acq: 11 Mar 2020 14:27

Tgt Ion:	202	Resp:	13345
Ion Ratio	Lower	Upper	
202	100		
101	10.2	7.1	10.7
100	9.0	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





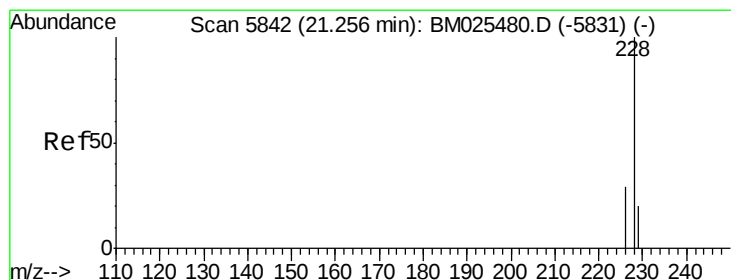
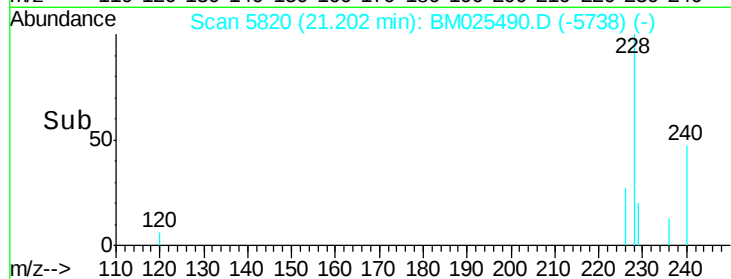
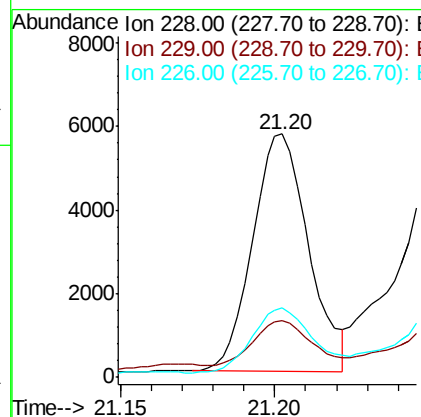
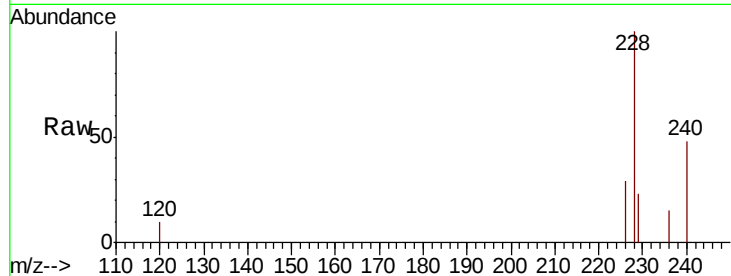
#18
Benzo(a)anthracene
Concen: 0.112 ng/ul
RT: 21.20 min Scan# 5820
Delta R.T. -0.00 min
Lab File: BM025490.D
Acq: 11 Mar 2020 14:27

Instrument :
BNA_M
ClientSampleId :
C0CD8

Tot Ion	Ratio	Lower	Upper
228	100		
229	23.1	15.6	23.4
226	28.6	21.1	31.7

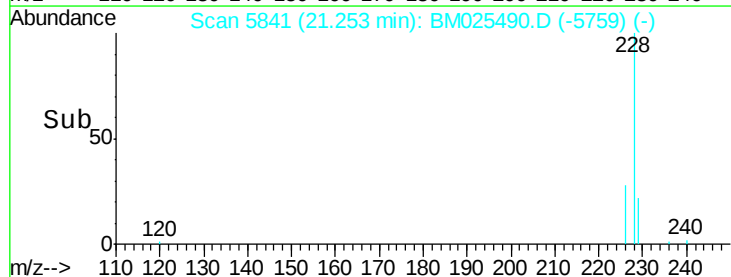
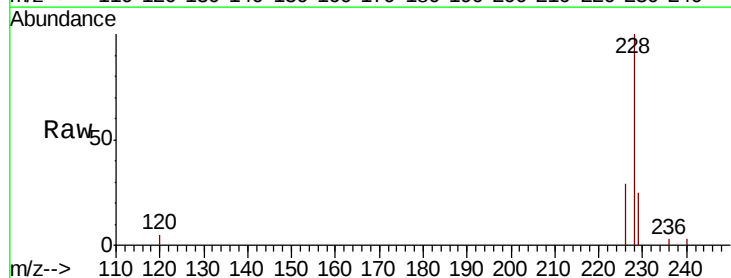
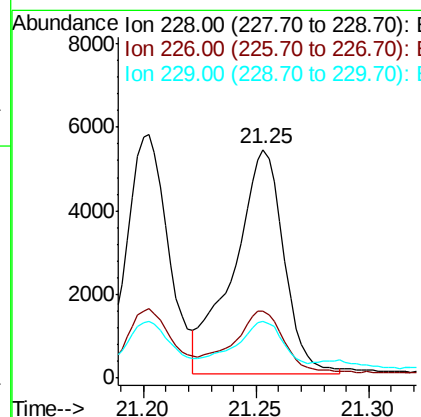
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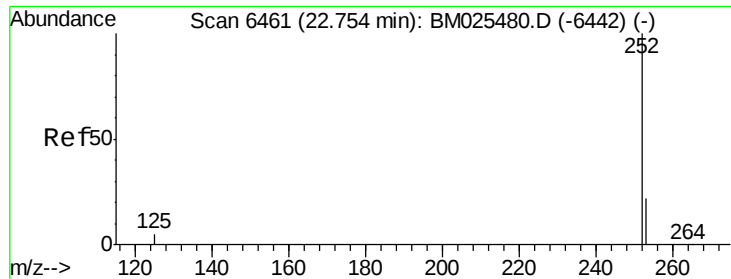
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#19
Chrysene
Concen: 0.116 ng/ul m
RT: 21.25 min Scan# 5841
Delta R.T. -0.00 min
Lab File: BM025490.D
Acq: 11 Mar 2020 14:27

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.6	35.4
229	24.7	16.3	24.5#





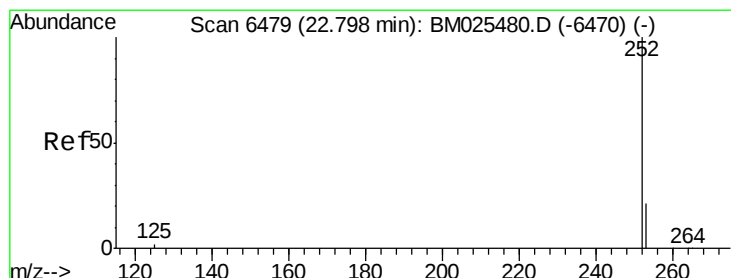
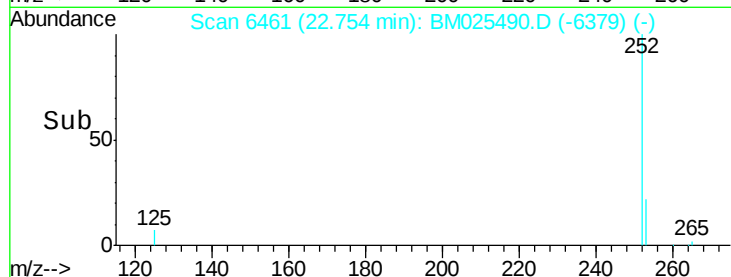
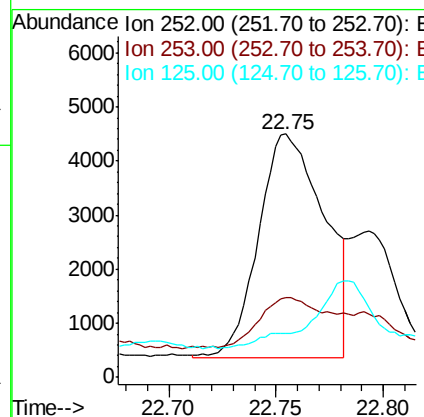
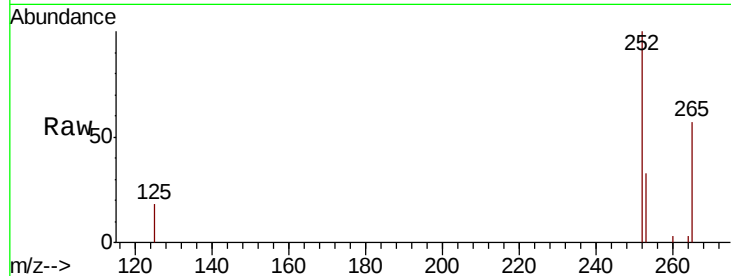
#21
Benzo(b)fluoranthene
Concen: 0.115 ng/ul m
RT: 22.75 min Scan# 6461
Delta R.T. -0.00 min
Lab File: BM025490.D
Acq: 11 Mar 2020 14:27

Instrument :
BNA_M
ClientSampleId :
C0CD8

Tot Ion	Ratio	Lower	Upper
252	100		
253	32.5	0.0	50.2
125	18.2	0.0	17.6#

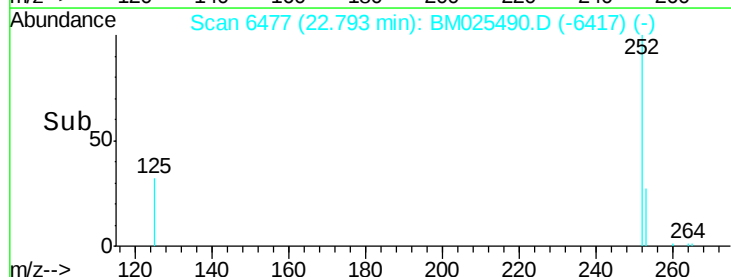
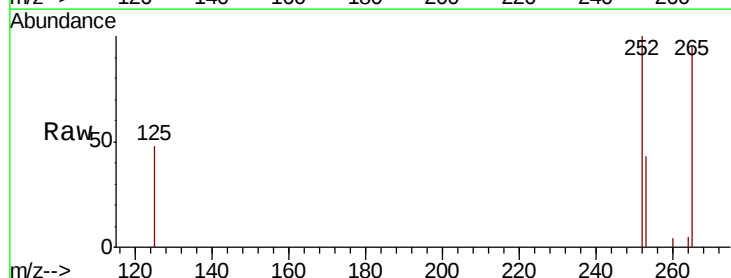
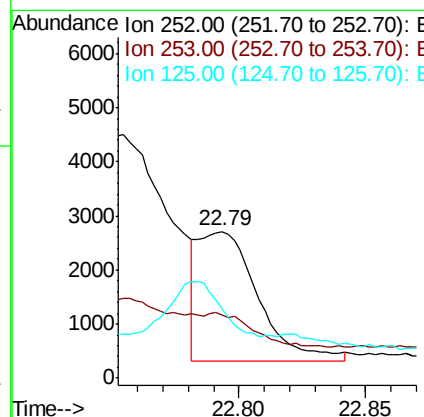
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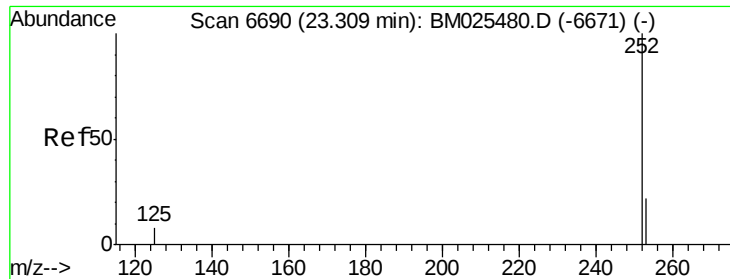
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#22
Benzo(k)fluoranthene
Concen: 0.049 ng/ul m
RT: 22.79 min Scan# 6477
Delta R.T. -0.01 min
Lab File: BM025490.D
Acq: 11 Mar 2020 14:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	43.3	19.8	29.8#
125	47.5	7.1	10.7#





#23

Benzo(a)pyrene

Concen: 0.084 ng/u1

RT: 23.31 min Scan# 6689

Delta R.T. -0.00 min

Lab File: BM025490.D

Acq: 11 Mar 2020 14:27

Instrument :

BNA_M

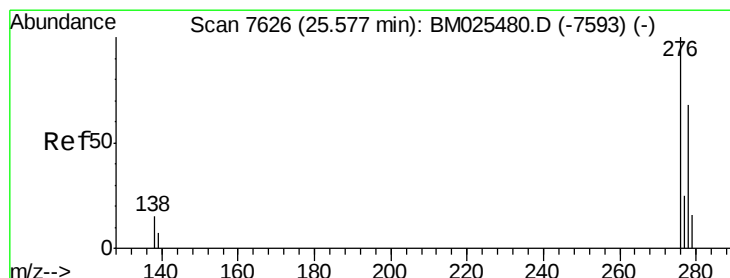
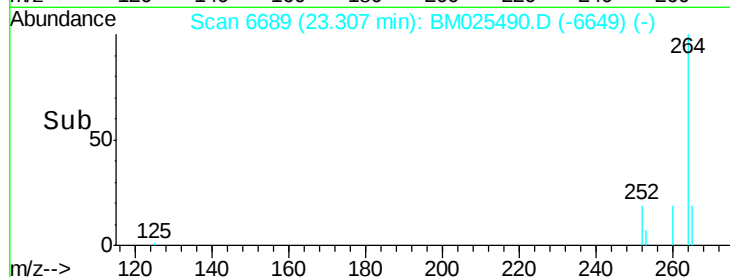
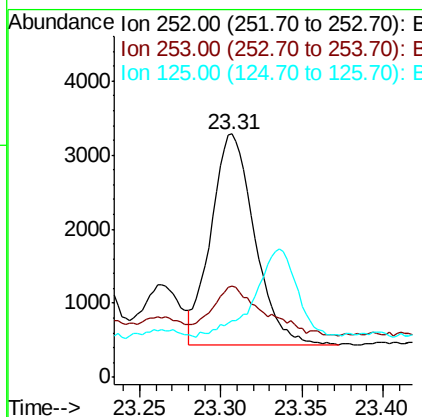
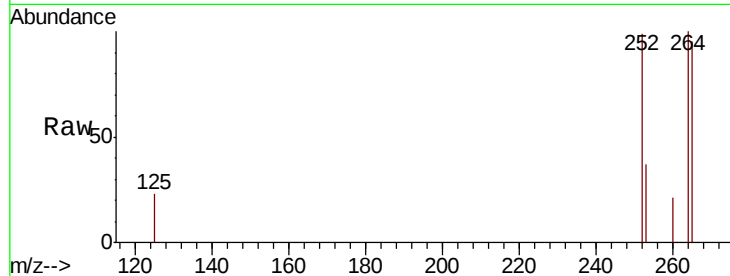
ClientSampleId :

C0CD8

Tot Ion:	252	Resp:	5314
Ion Ratio	Lower	Upper	
252	100		
253	37.5	21.3	31.9#
125	23.1	8.5	12.7#

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.043 ng/u1

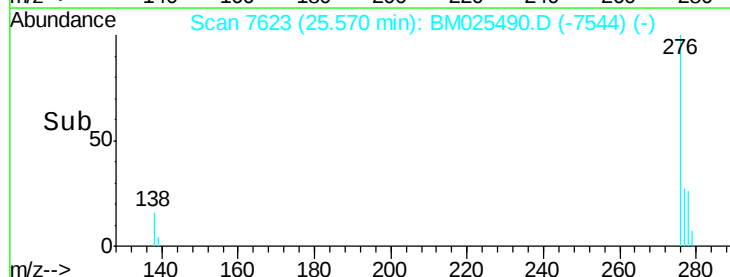
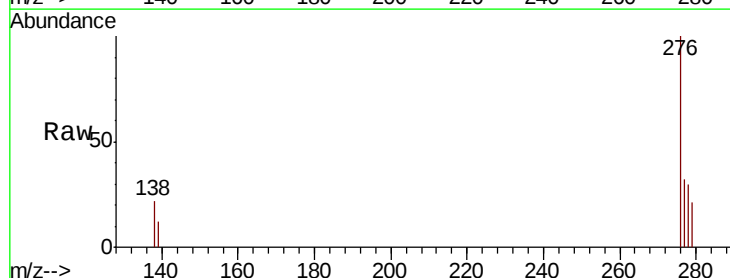
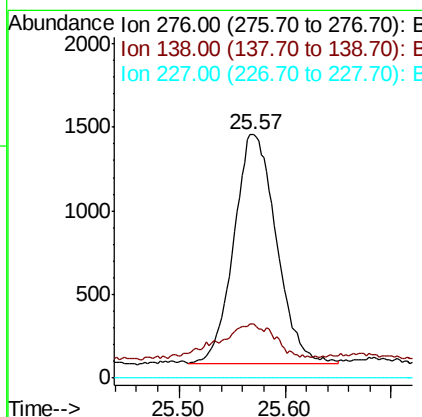
RT: 25.57 min Scan# 7623

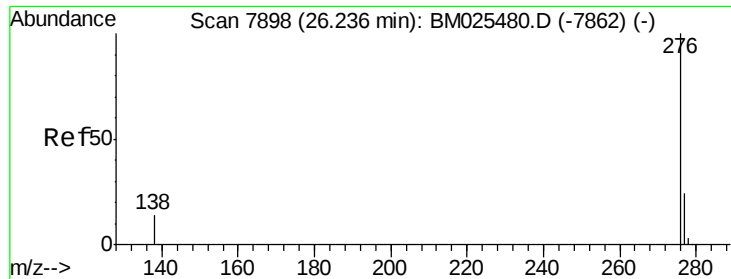
Delta R.T. -0.01 min

Lab File: BM025490.D

Acq: 11 Mar 2020 14:27

Tgt Ion:	276	Resp:	3710
Ion Ratio	Lower	Upper	
276	100		
138	13.9	12.3	18.5
227	0.0	0.0	0.0





#26
 Benzo(a,h,i)perylene
 Concen: 0.044 ng/ul
 RT: 26.23 min Scan# 7896
 Delta R.T. -0.01 min
 Lab File: BM025490.D
 Acq: 11 Mar 2020 14:27

Instrument :
 BNA_M
 ClientSampleId :
 C0CD8

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.5	11.0	16.4#
277	30.1	19.8	29.6#

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