Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040720\
Data File : BM025953.D
Acq On : 07 Apr 2020 11:40
Operator : CG/JU
Sample : L2062-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F3E01

Manual Integrations APPROVED
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4/8/2020 8:13:54 AM

Quant Time: Apr 07 12:18:02 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM040220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 02 10:49:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	2153	0.40	ng/ul	0.00
2) Naphthalene-d8	10.33	136	9415	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.20	164	6521	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.95	188	14696m	0.40	ng/ul	0.00
16) Chrysene-d12	21.14	240	15462	0.40	ng/ul	0.00
20) Perylene-d12	23.29	264	17868	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.92	152	5531	0.33	ng/ul	0.00
14) Fluoranthene-d10	18.98	212	15405	0.33	ng/ul	0.00
Target Compounds						Qvalue
7) Acenaphthylene	13.92	152	1008	0.036	ng/ul#	81
13) Anthracene	17.08	178	1055	0.026	ng/ul#	83
15) Fluoranthene	19.01	202	2367	0.041	ng/ul	94
17) Pyrene	19.37	202	5288	0.095	ng/ul#	92
18) Benzo(a)anthracene	21.13	228	2894	0.052	ng/ul	91
19) Chrysene	21.18	228	5523	0.092	ng/ul	96
21) Benzo(b)fluoranthene	22.66	252	9668m	0.147	ng/ul	
22) Benzo(k)fluoranthene	22.69	252	3641m	0.052	ng/ul	
23) Benzo(a)pyrene	23.20	252	4104	0.070	ng/ul#	77
24) Indeno(1,2,3-cd)pyrene	25.41	276	2848	0.036	ng/ul#	100
26) Benzo(g,h,i)perylene	26.06	276	2065	0.031	ng/ul#	80

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

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Instrument :
BNA_M
ClientSampleId :
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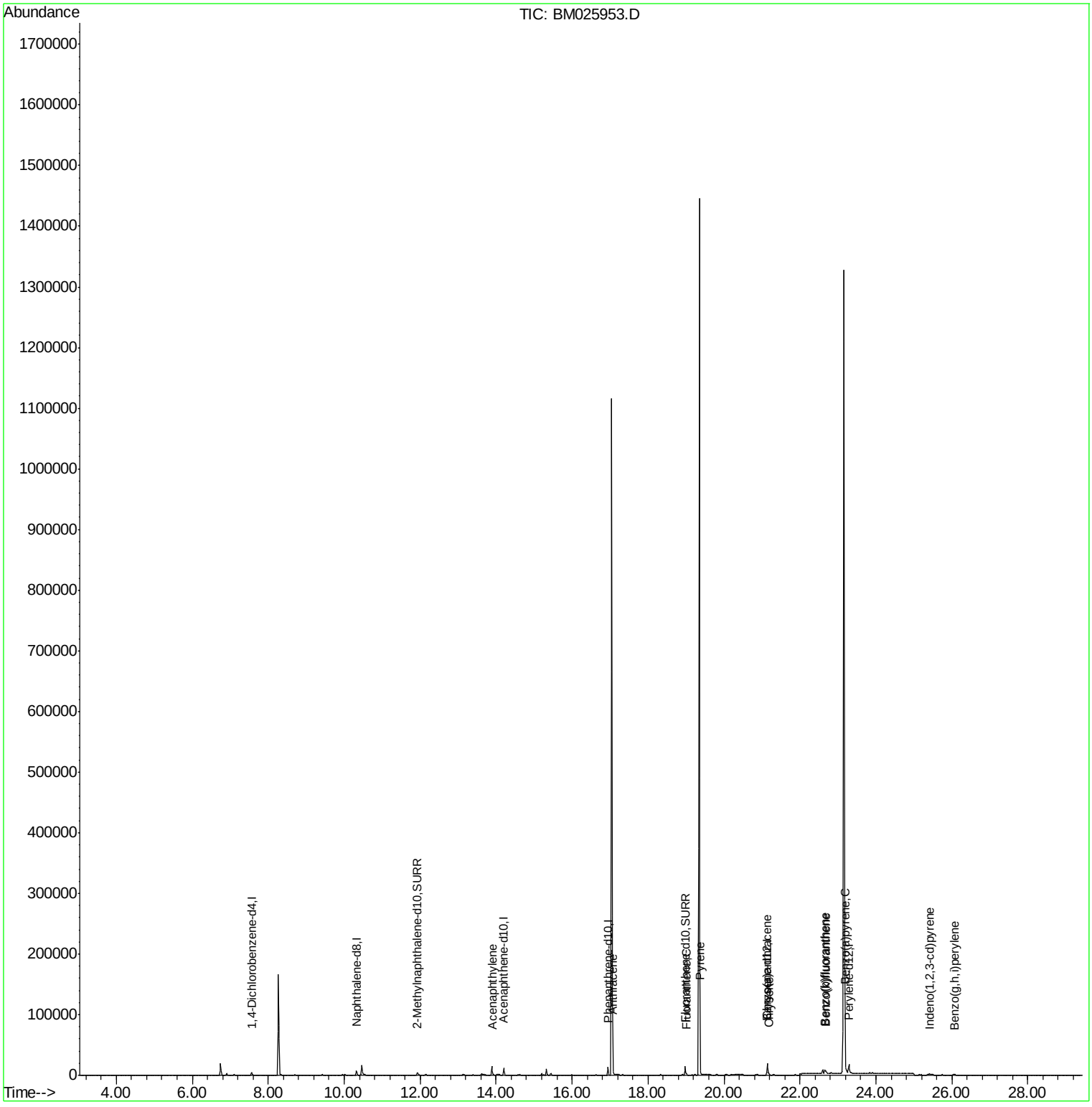
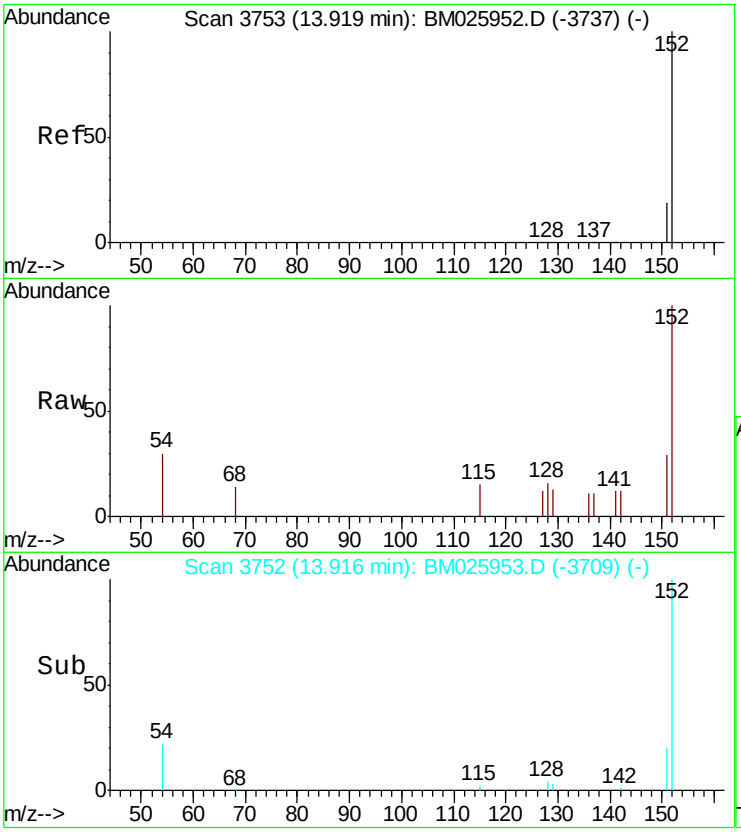
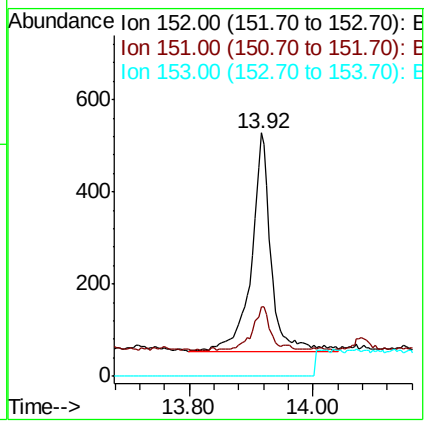




#7
Acenaphthylene
Concen: 0.036 ng/ul
RT: 13.92 min Scan# 3752
Delta R.T. -0.01 min
Lab File: BM025953.D
Acq: 07 Apr 2020 11:40

Tgt Ion:152 Resp: 1008

Ion	Ratio	Lower	Upper
152	100		
151	28.8	16.1	24.1#
153	0.0	0.0	0.0



Instrument :
BNA_M
ClientSampleId :
F3E01

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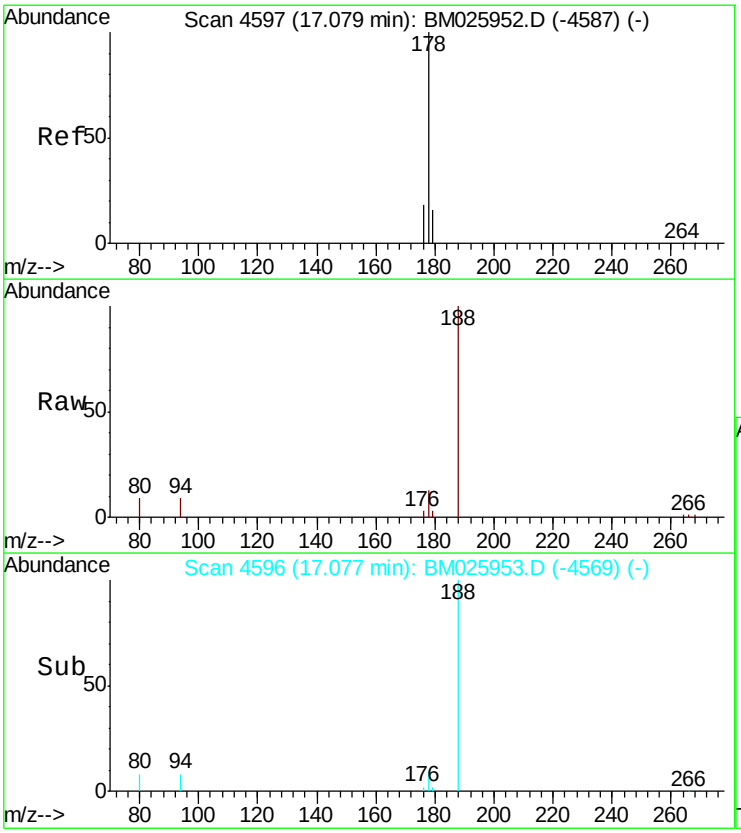
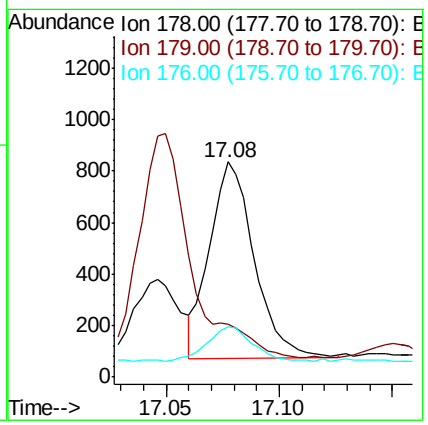
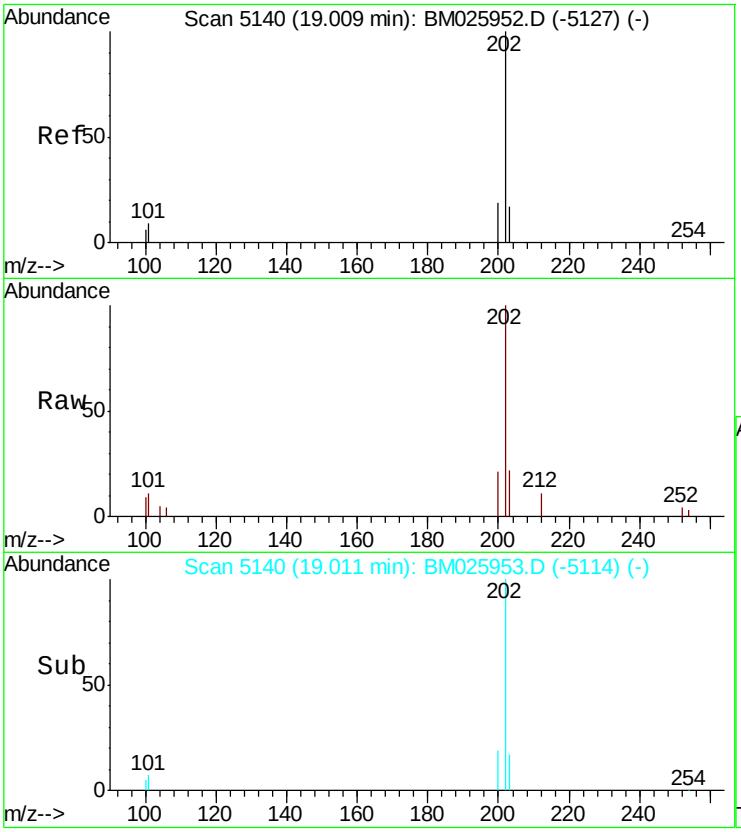


#13
Anthracene
Concen: 0.026 ng/ul
RT: 17.08 min Scan# 4596
Delta R.T. -0.00 min
Lab File: BM025953.D
Acq: 07 Apr 2020 11:40

Tgt Ion:178 Resp: 1055

Ion	Ratio	Lower	Upper
178	100		
179	24.9	12.8	19.2#
176	23.7	14.5	21.7#





#15
Fluoranthene
Concen: 0.041 ng/ul
RT: 19.01 min Scan# 5140
Delta R.T. -0.00 min
Lab File: BM025953.D
Acq: 07 Apr 2020 11:40

Tgt Ion:202 Resp: 2367

Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	28.6
100	8.6	0.0	27.0

Instrument :
BNA_M
ClientSampleId :
F3E01

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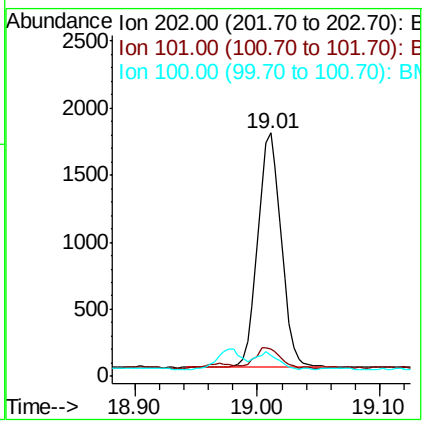
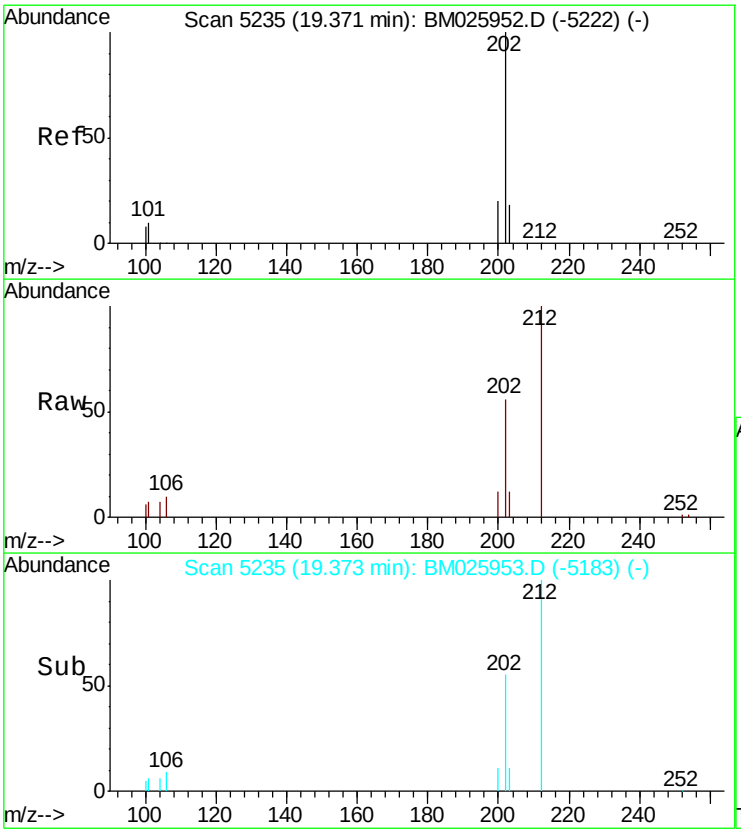
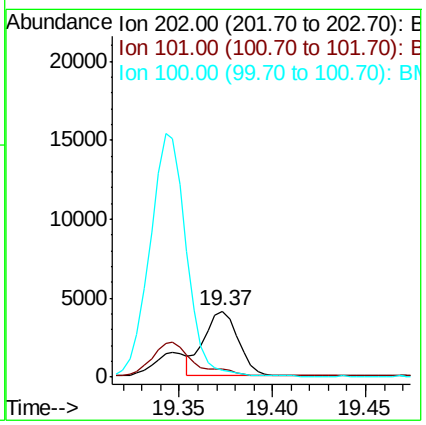


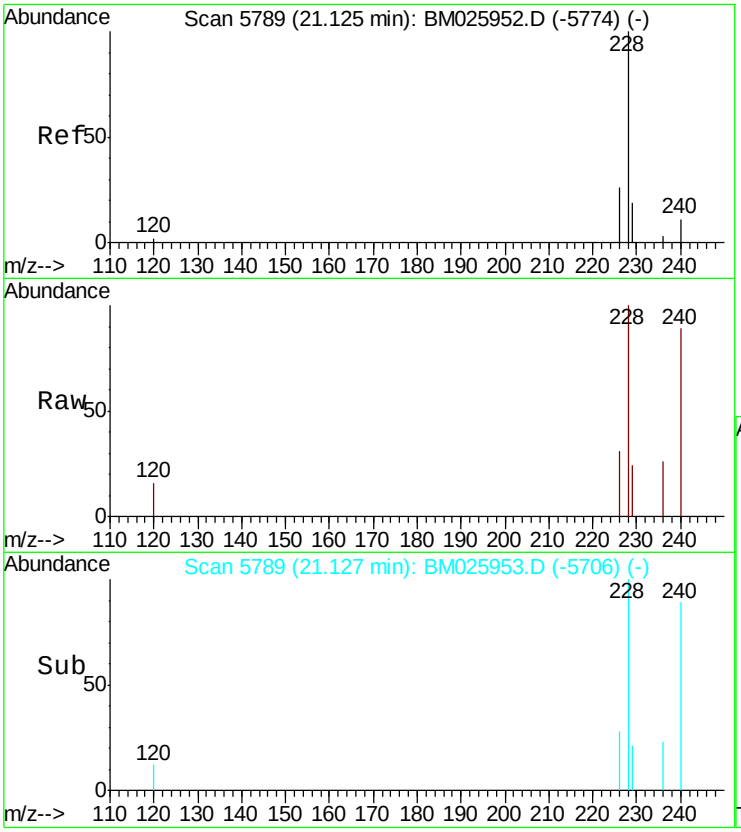


#17
Pyrene
Concen: 0.095 ng/ul
RT: 19.37 min Scan# 5235
Delta R.T. -0.00 min
Lab File: BM025953.D
Acq: 07 Apr 2020 11:40

Tgt Ion:202 Resp: 5288

Ion	Ratio	Lower	Upper
202	100		
101	12.0	7.5	11.3#
100	11.1	6.3	9.5#





#18
Benzo(a)anthracene
Concen: 0.052 ng/ul
RT: 21.13 min Scan# 5789
Delta R.T. -0.00 min
Lab File: BM025953.D
Acq: 07 Apr 2020 11:40

Tgt Ion:228 Resp: 2894

Ion	Ratio	Lower	Upper
228	100		
229	23.7	15.8	23.8
226	30.6	20.9	31.3

Instrument :
BNA_M
ClientSampleId :
F3E01

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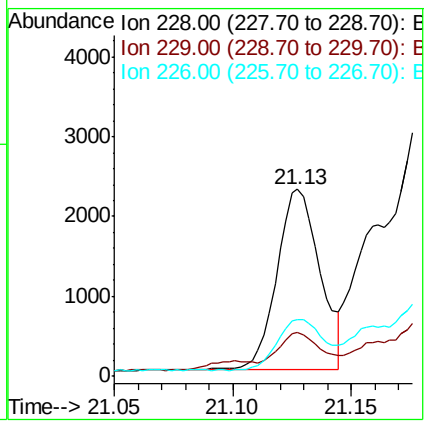
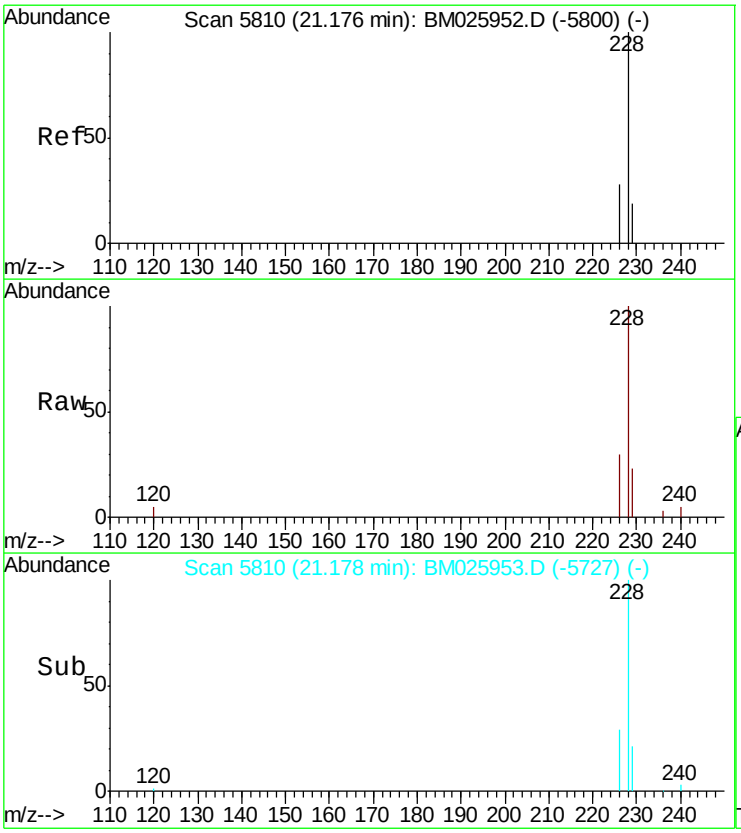
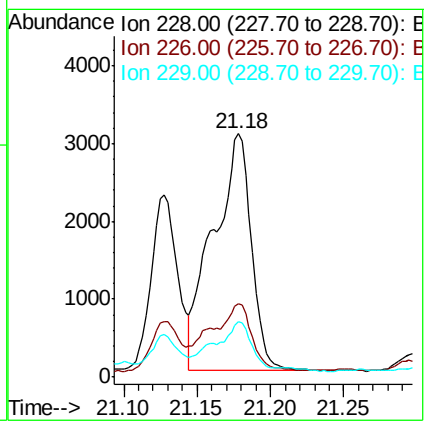


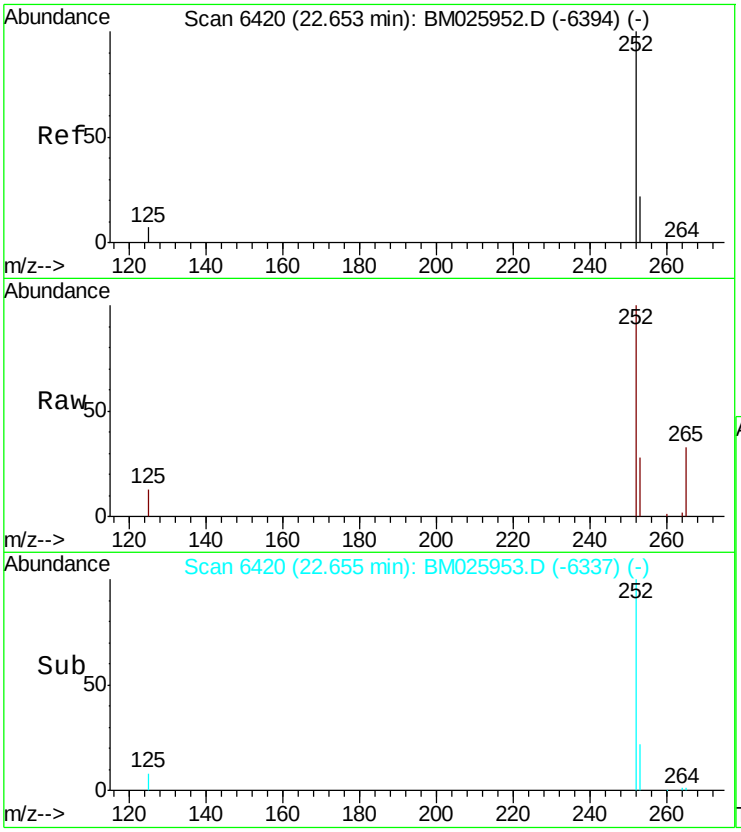


#19
Chrysene
Concen: 0.092 ng/ul
RT: 21.18 min Scan# 5810
Delta R.T. -0.00 min
Lab File: BM025953.D
Acq: 07 Apr 2020 11:40

Tgt Ion:228 Resp: 5523

Ion	Ratio	Lower	Upper
228	100		
226	30.2	22.9	34.3
229	22.6	15.8	23.8

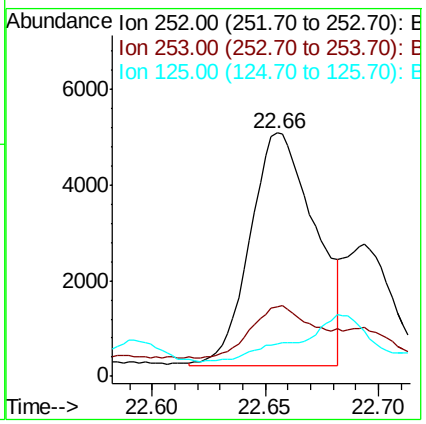




#21
Benzo(b)fluoranthene
Concen: 0.147 ng/ul m
RT: 22.66 min Scan# 6420
Delta R.T. 0.00 min
Lab File: BM025953.D
Acq: 07 Apr 2020 11:40

Tgt Ion:252 Resp: 9668

Ion	Ratio	Lower	Upper
252	100		
253	28.3	0.0	46.6
125	13.4	0.0	15.4



Instrument :
BNA_M
ClientSampleId :
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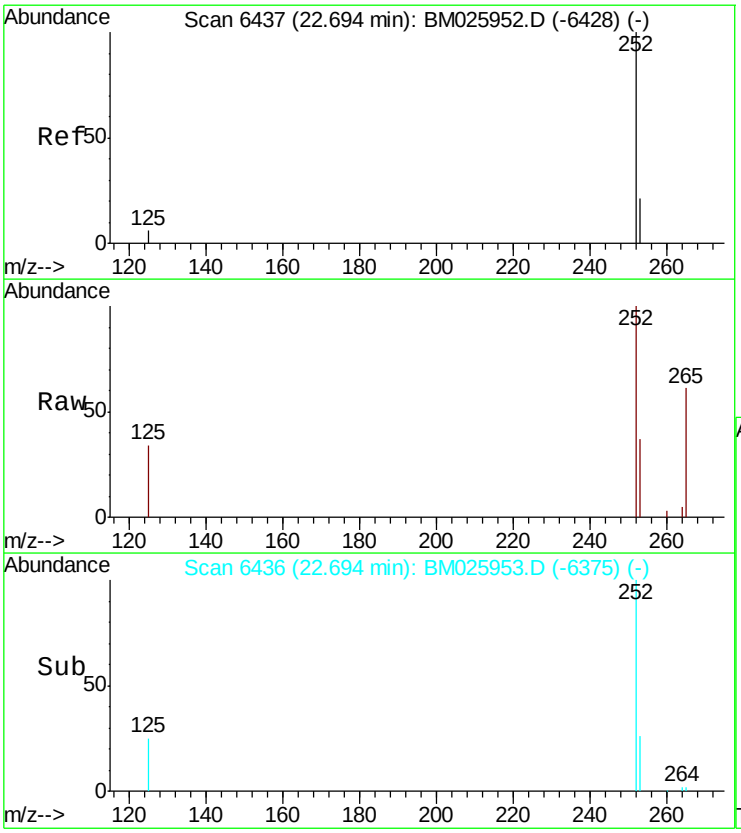
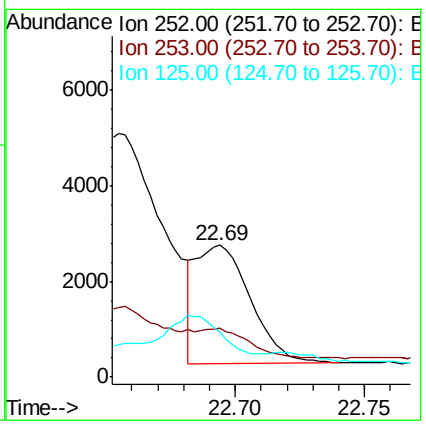
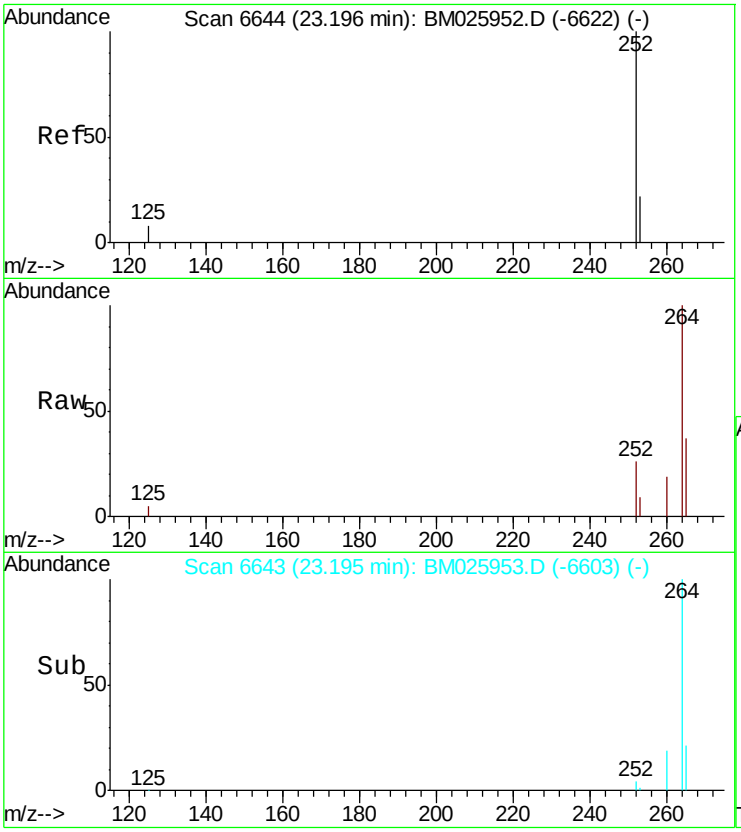


#22
Benzo(k)fluoranthene
Concen: 0.052 ng/ul m
RT: 22.69 min Scan# 6436
Delta R.T. -0.00 min
Lab File: BM025953.D
Acq: 07 Apr 2020 11:40

Tgt Ion:252 Resp: 3641

Ion	Ratio	Lower	Upper
252	100		
253	37.3	19.0	28.4#
125	33.8	6.7	10.1#





#23
Benzo(a)pyrene
Concen: 0.070 ng/ul
RT: 23.20 min Scan# 6643
Delta R.T. -0.00 min
Lab File: BM025953.D
Acq: 07 Apr 2020 11:40

Tgt Ion:252 Resp: 4104

Ion	Ratio	Lower	Upper
252	100		
253	33.8	19.2	28.8#
125	20.0	7.4	11.0#

Instrument :
BNA_M
ClientSampleId :
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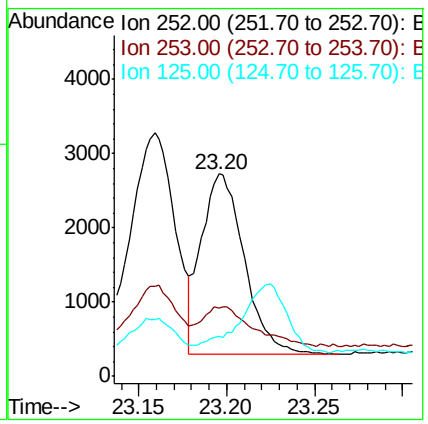
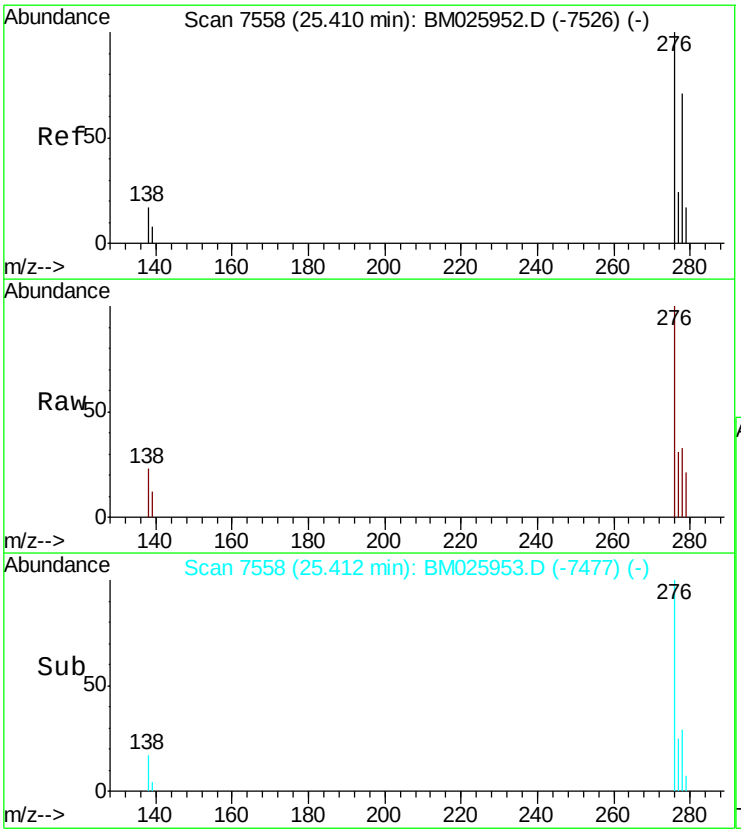
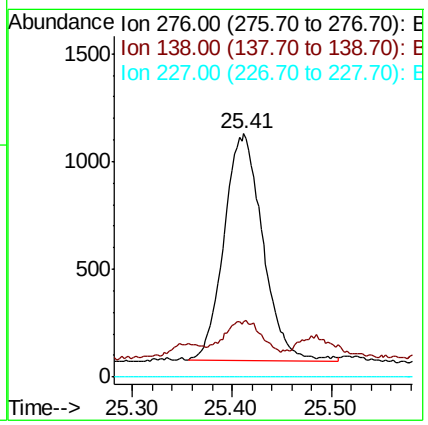


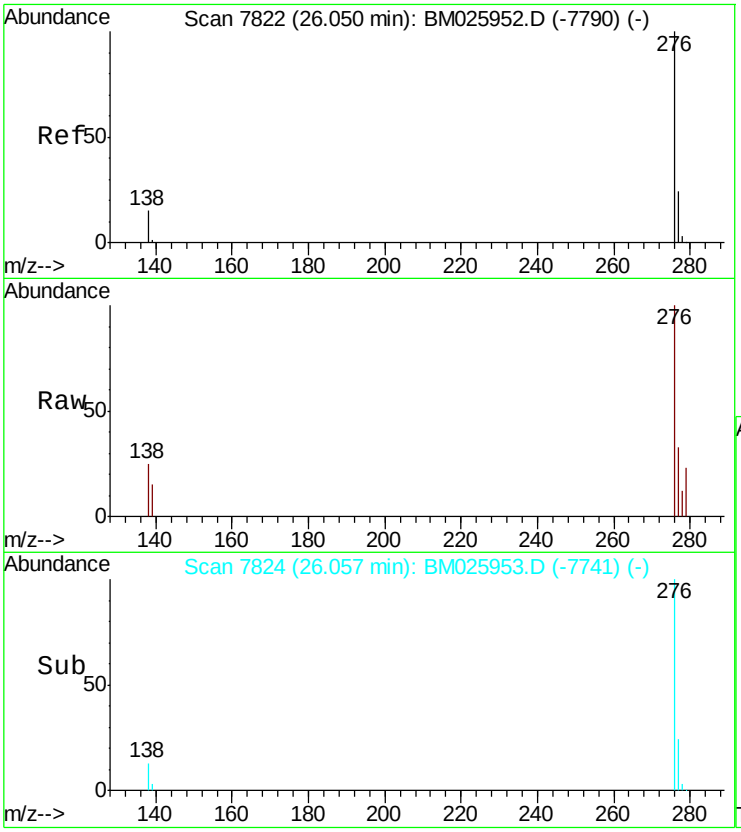


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.036 ng/ul
RT: 25.41 min Scan# 7558
Delta R.T. -0.00 min
Lab File: BM025953.D
Acq: 07 Apr 2020 11:40

Tgt Ion:276 Resp: 2848

Ion	Ratio	Lower	Upper
276	100		
138	16.0	12.6	19.0
227	0.0	0.0	0.0

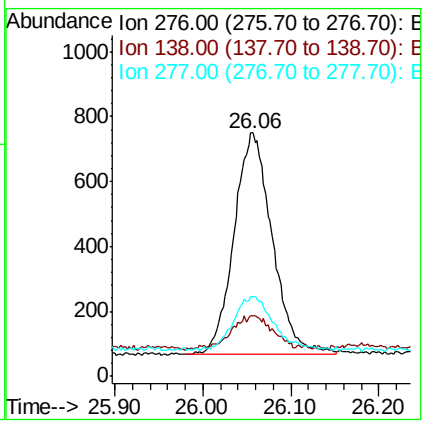




#26
Benzo(g,h,i)perylene
Concen: 0.031 ng/ul
RT: 26.06 min Scan# 7824
Delta R.T. 0.00 min
Lab File: BM025953.D
Acq: 07 Apr 2020 11:40

Tgt Ion:276 Resp: 2065

Ion	Ratio	Lower	Upper
276	100		
138	24.8	11.8	17.8#
277	32.8	19.2	28.8#



Instrument :
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