Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030320\
Data File : BM025291.D
Acq On : 05 Mar 2020 17:07
Operator : CG/JU
Sample : L1543-20
Misc :
ALS Vial : 87 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBDA2

Manual Integrations APPROVED
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3/6/2020 10:14:50 PM

Quant Time: Mar 06 02:52:22 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 04 08:02:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	3168	0.40	ng/ul	0.00
2) Naphthalene-d8	10.44	136	13116	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	9566	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	23423	0.40	ng/ul	0.00
16) Chrysene-d12	21.23	240	21009	0.40	ng/ul	0.00
20) Perylene-d12	23.42	264	18602	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.04	152	1917	0.08	ng/ul	0.00
14) Fluoranthene-d10	19.07	212	5960	0.08	ng/ul	0.00
Target Compounds						Qvalue
13) Anthracene	17.17	178	3768	0.056	ng/ul	98
15) Fluoranthene	19.10	202	2832	0.030	ng/ul	99
17) Pyrene	19.46	202	3602m	0.045	ng/ul	
18) Benzo(a)anthracene	21.21	228	1692	0.022	ng/ul	94
19) Chrysene	21.27	228	4574m	0.054	ng/ul	
21) Benzo(b)fluoranthene	22.77	252	12494m	0.168	ng/ul	
22) Benzo(k)fluoranthene	22.81	252	3696m	0.047	ng/ul	
23) Benzo(a)pyrene	23.32	252	1826	0.029	ng/ul#	52
24) Indeno(1,2,3-cd)pyrene	25.60	276	2990	0.038	ng/ul#	100
26) Benzo(g,h,i)perylene	26.26	276	1490	0.023	ng/ul#	86

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

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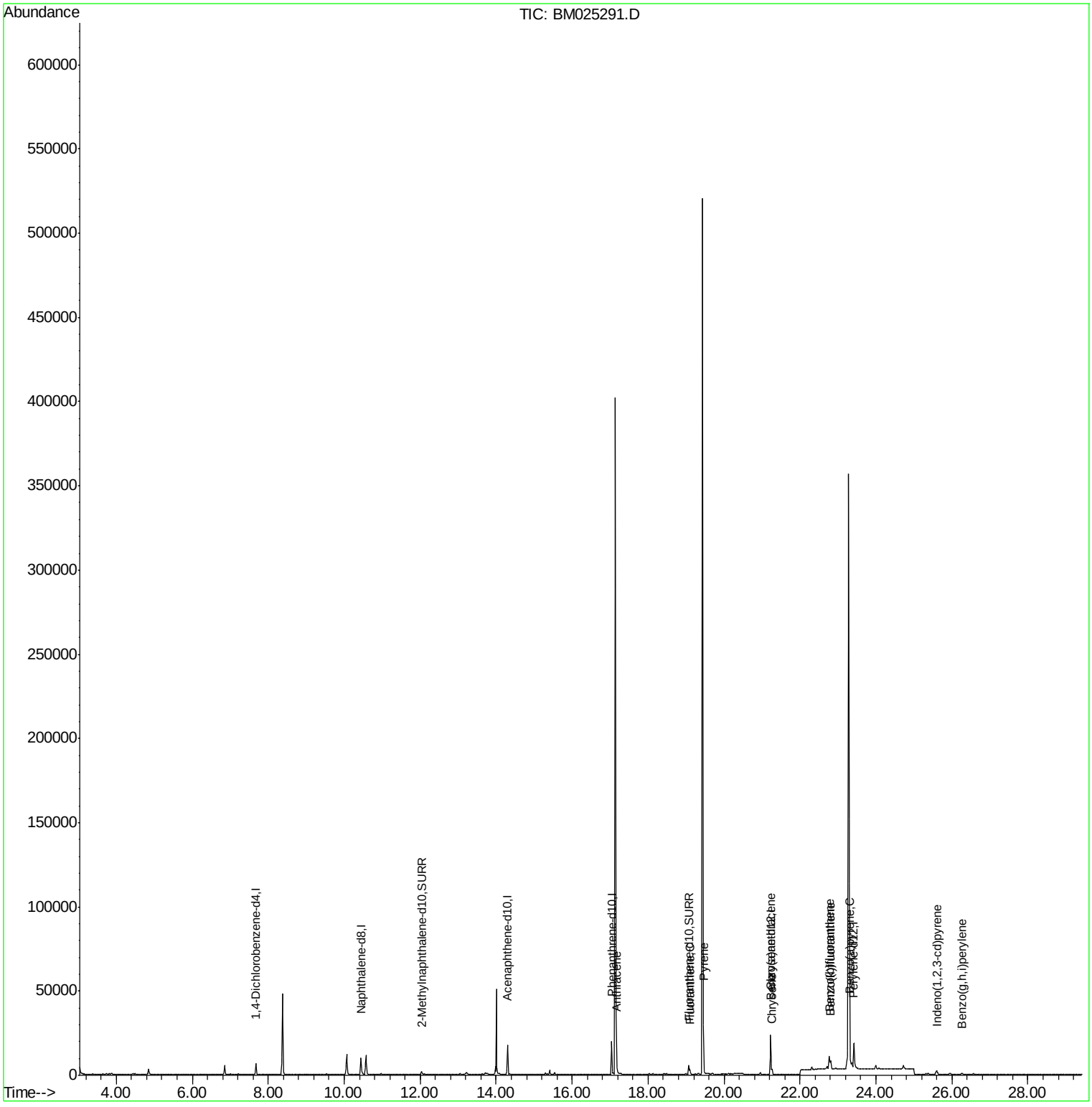
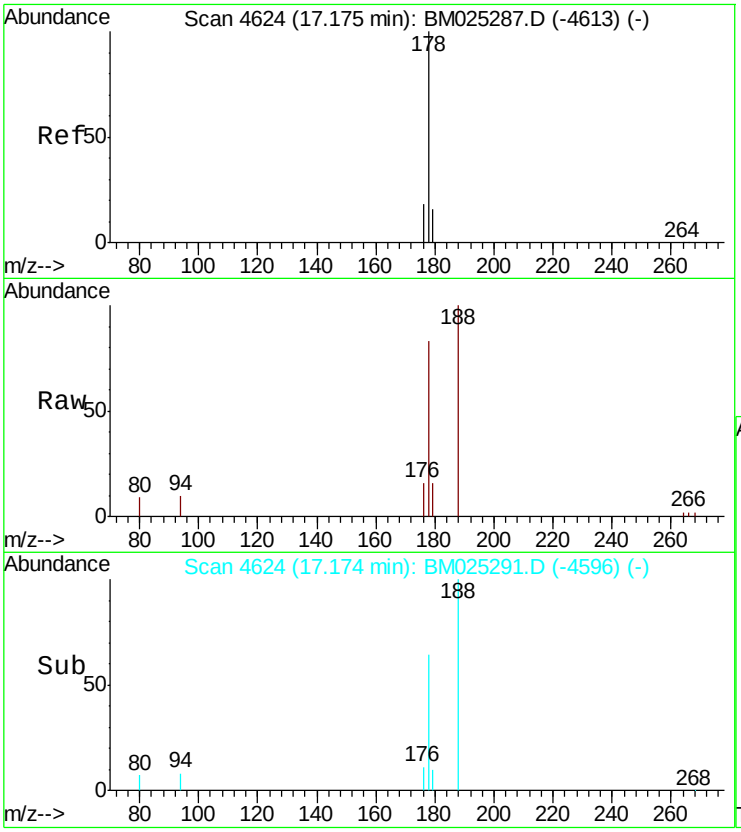
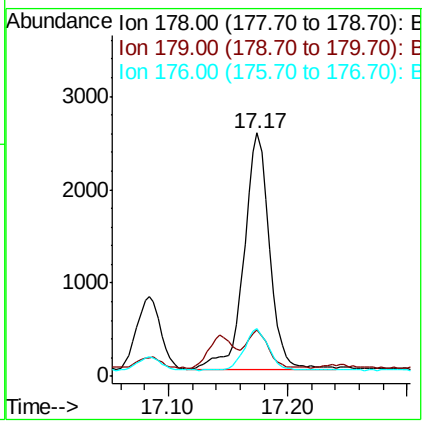




#13
Anthracene
Concen: 0.056 ng/ul
RT: 17.17 min Scan# 4624
Delta R.T. -0.00 min
Lab File: BM025291.D
Acq: 05 Mar 2020 17:07

Tgt Ion:178 Resp: 3768

Ion	Ratio	Lower	Upper
178	100		
179	19.1	14.1	21.1
176	19.6	16.2	24.4



Instrument :
BNA_M
ClientSampleId :
DBDA2

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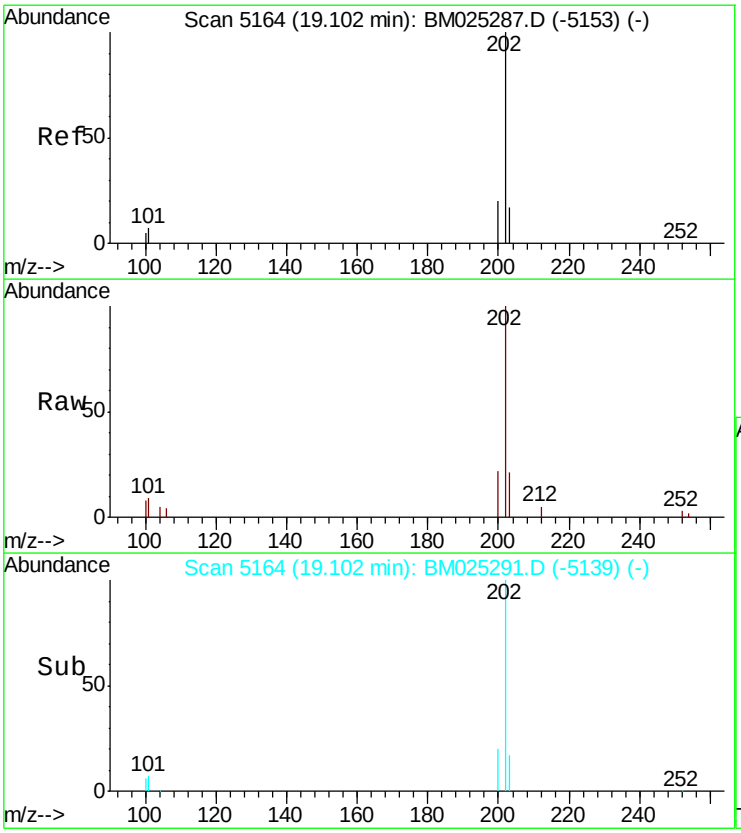
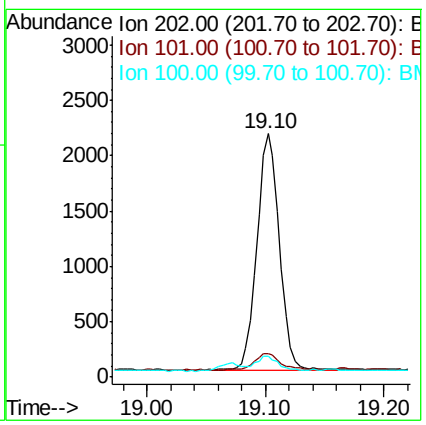
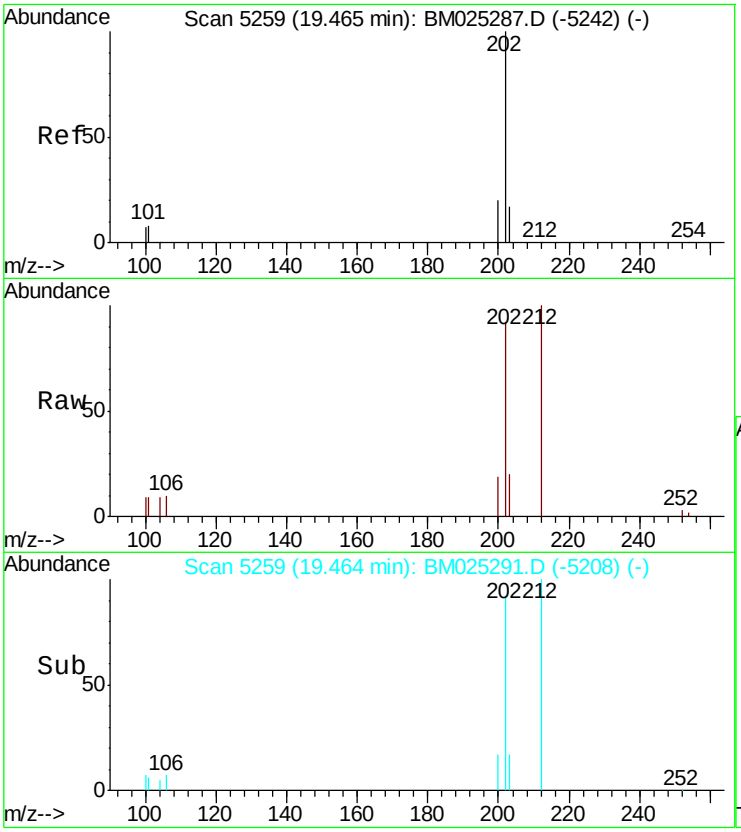


#15
Fluoranthene
Concen: 0.030 ng/ul
RT: 19.10 min Scan# 5164
Delta R.T. -0.00 min
Lab File: BM025291.D
Acq: 05 Mar 2020 17:07

Tgt Ion:202 Resp: 2832

Ion	Ratio	Lower	Upper
202	100		
101	9.4	0.0	29.4
100	8.4	0.0	28.0

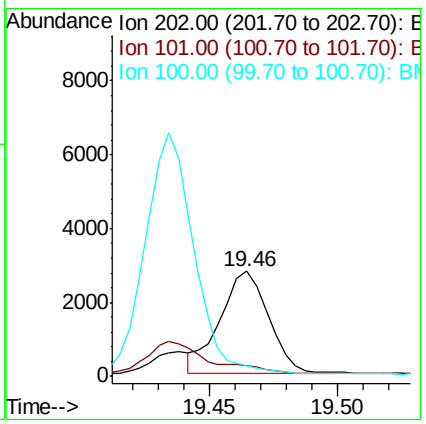




#17
Pyrene
Concen: 0.045 ng/ul m
RT: 19.46 min Scan# 5259
Delta R.T. -0.00 min
Lab File: BM025291.D
Acq: 05 Mar 2020 17:07

Tgt Ion:202 Resp: 3602

Ion	Ratio	Lower	Upper
202	100		
101	9.9	8.7	13.1
100	9.9	7.3	10.9



Instrument :
BNA_M
ClientSampleId :
DBDA2

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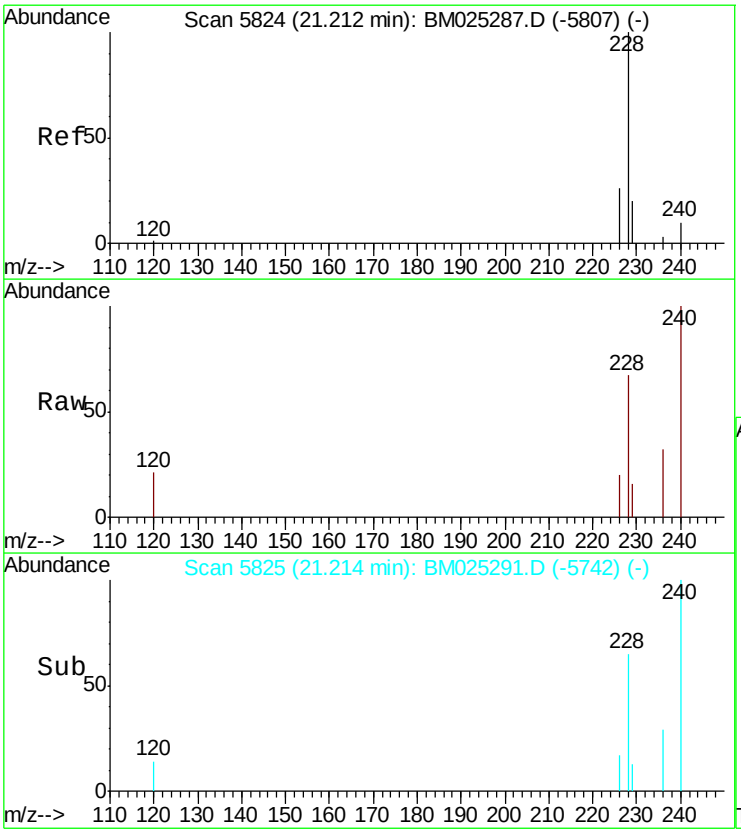
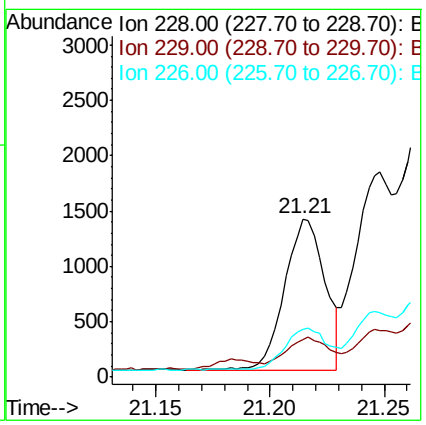
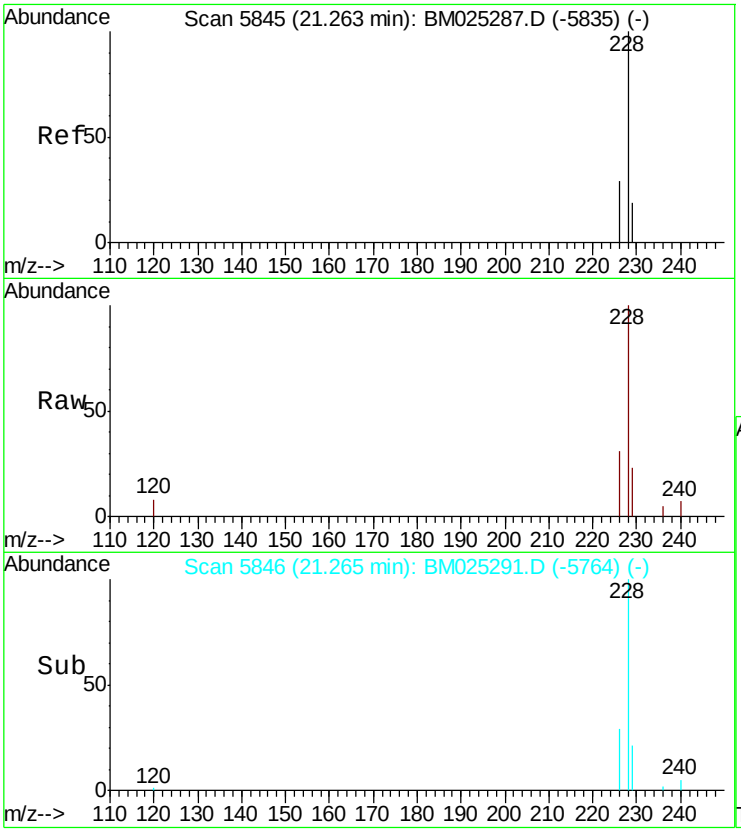


#18
Benzo(a)anthracene
Concen: 0.022 ng/ul
RT: 21.21 min Scan# 5825
Delta R.T. 0.00 min
Lab File: BM025291.D
Acq: 05 Mar 2020 17:07

Tgt Ion:228 Resp: 1692

Ion	Ratio	Lower	Upper
228	100		
229	24.0	16.6	25.0
226	30.0	21.9	32.9

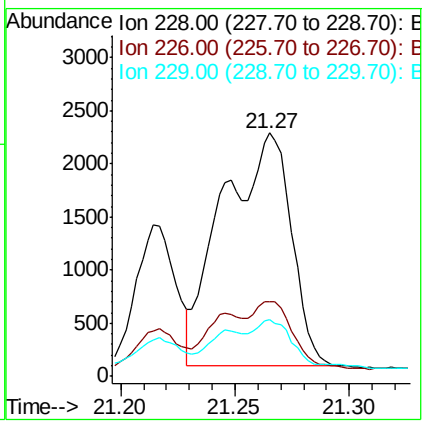




#19
Chrysene
Concen: 0.054 ng/ul m
RT: 21.27 min Scan# 5846
Delta R.T. -0.00 min
Lab File: BM025291.D
Acq: 05 Mar 2020 17:07

Tgt Ion:228 Resp: 4574

Ion	Ratio	Lower	Upper
228	100		
226	30.9	23.8	35.8
229	23.3	16.9	25.3



Instrument :
BNA_M
ClientSampleId :
DBDA2

Manual Integrations APPROVED
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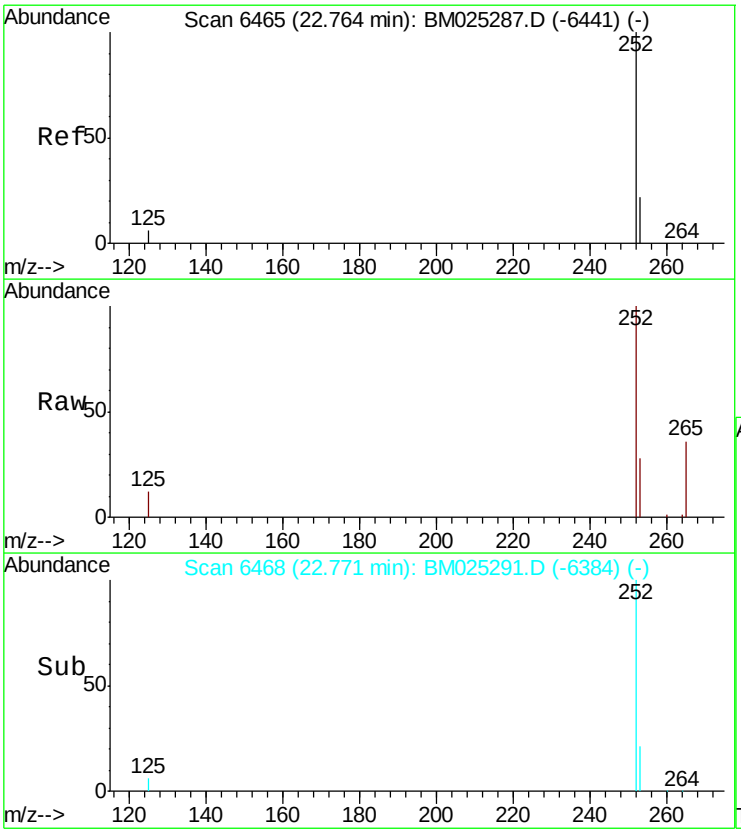
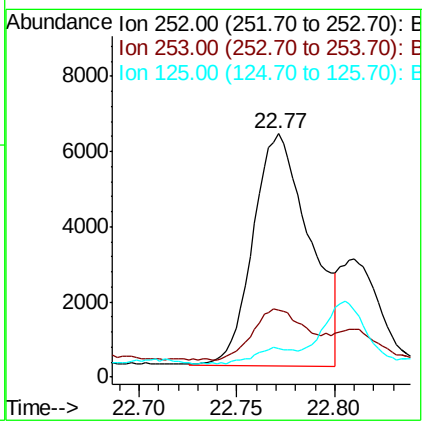
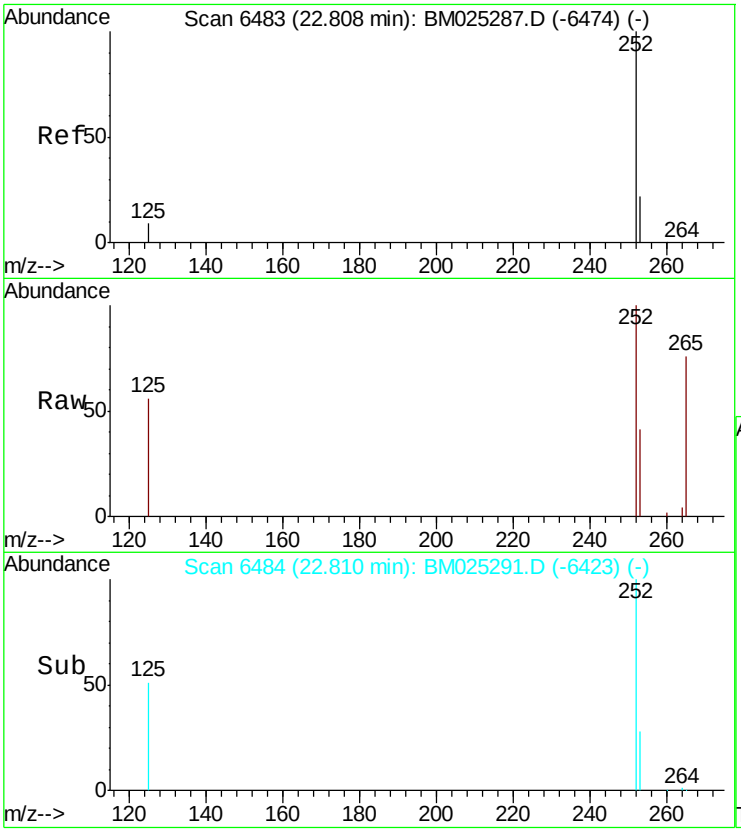


#21
Benzo(b)fluoranthene
Concen: 0.168 ng/ul m
RT: 22.77 min Scan# 6468
Delta R.T. 0.00 min
Lab File: BM025291.D
Acq: 05 Mar 2020 17:07

Tgt Ion:252 Resp: 12494

Ion	Ratio	Lower	Upper
252	100		
253	27.7	0.0	49.8
125	11.6	0.0	28.6





#22
Benzo(k)fluoranthene
Concen: 0.047 ng/ul m
RT: 22.81 min Scan# 6484
Delta R.T. -0.00 min
Lab File: BM025291.D
Acq: 05 Mar 2020 17:07

Tgt Ion:252 Resp: 3696

Ion	Ratio	Lower	Upper
252	100		
253	40.5	19.4	29.0#
125	56.2	10.7	16.1#

Instrument :
BNA_M
ClientSampleId :
DBDA2

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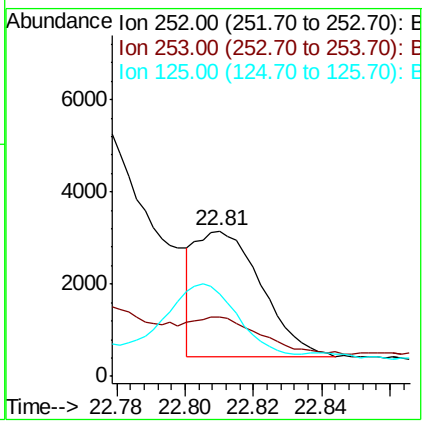
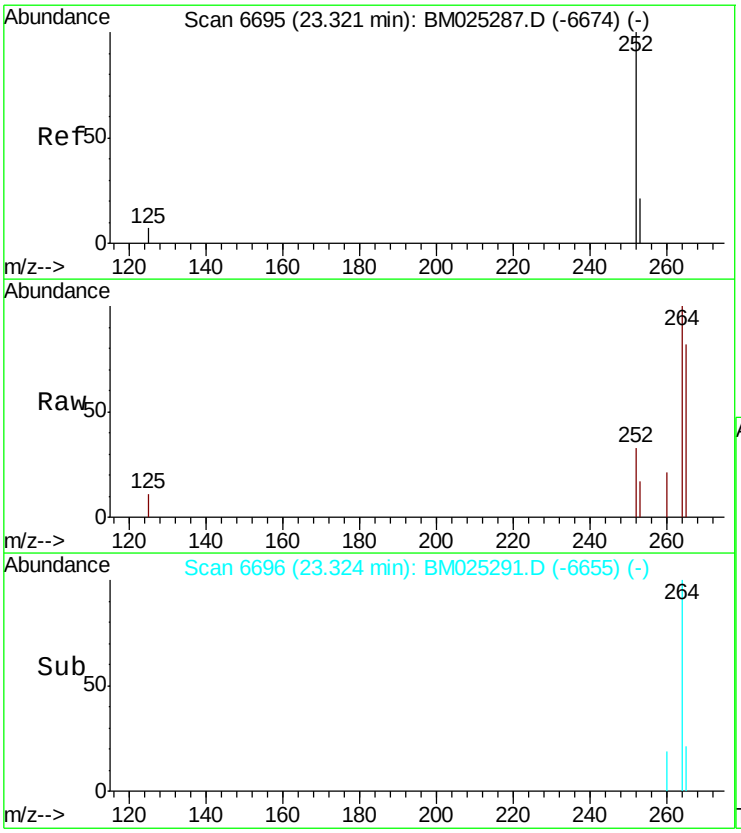
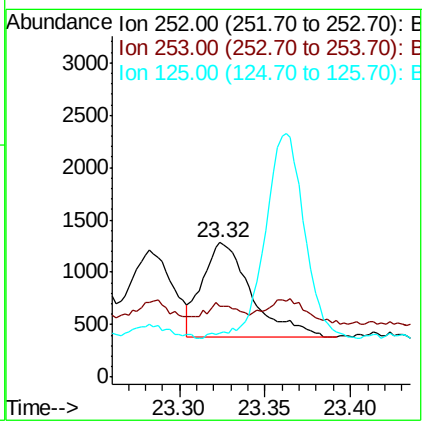


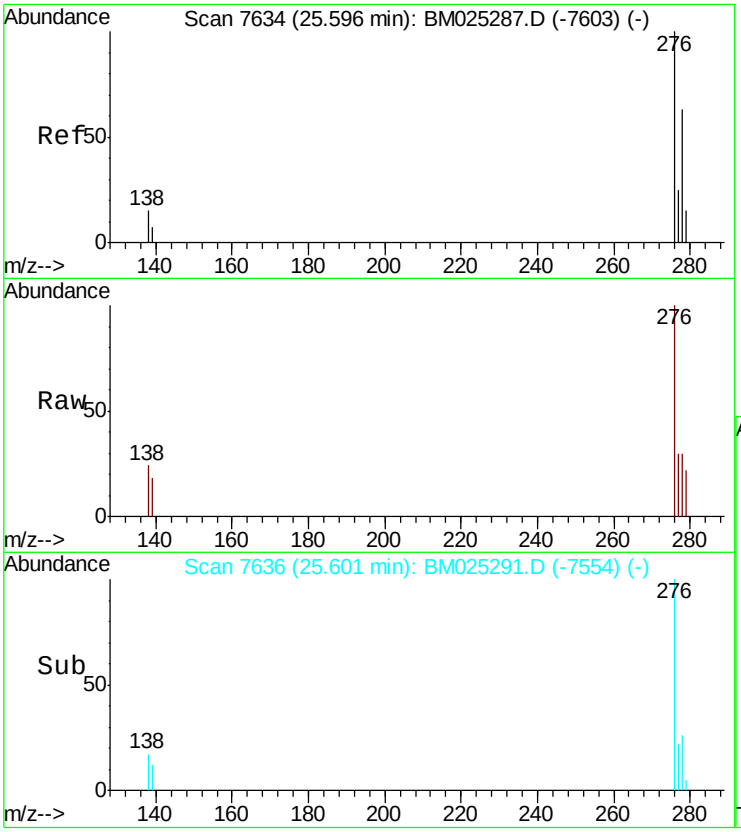


#23
Benzo(a)pyrene
Concen: 0.029 ng/ul
RT: 23.32 min Scan# 6696
Delta R.T. 0.00 min
Lab File: BM025291.D
Acq: 05 Mar 2020 17:07

Tgt Ion:252 Resp: 1826

Ion	Ratio	Lower	Upper
252	100		
253	52.4	20.3	30.5#
125	33.1	13.0	19.4#





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.038 ng/ul
RT: 25.60 min Scan# 7636
Delta R.T. -0.00 min
Lab File: BM025291.D
Acq: 05 Mar 2020 17:07

Tgt Ion:276 Resp: 2990

Ion	Ratio	Lower	Upper
276	100		
138	25.2	0.0	0.0#
227	0.0	0.0	0.0

Instrument :
BNA_M
ClientSampleId :
DBDA2

Manual Integrations APPROVED
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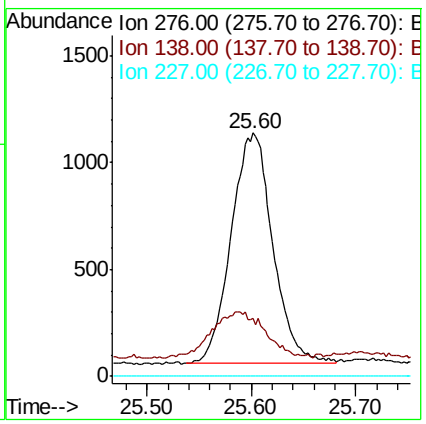

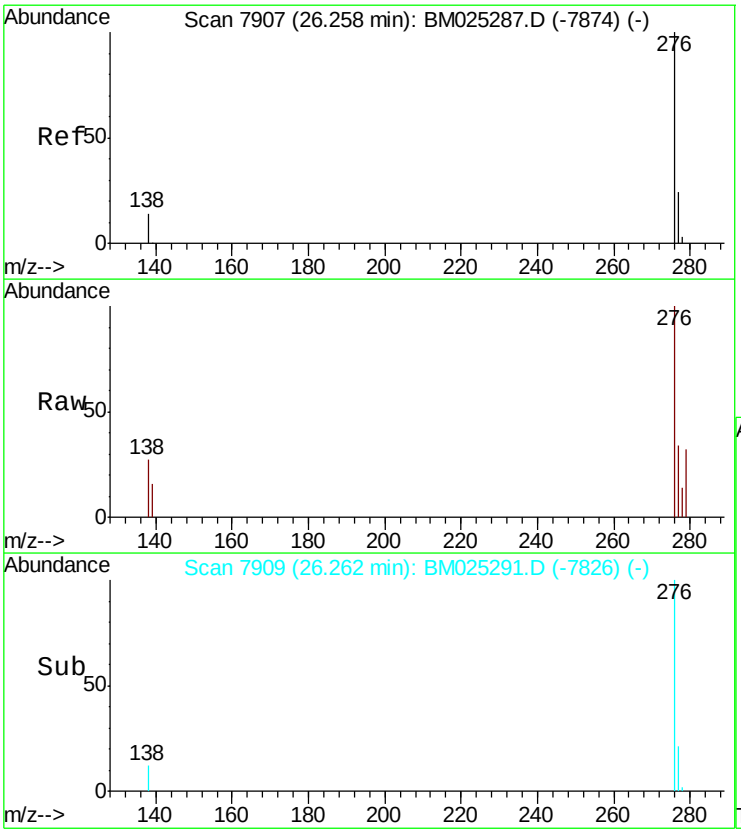

#26
Benzo(g,h,i)perylene
Concen: 0.023 ng/ul
RT: 26.26 min Scan# 7909
Delta R.T. 0.00 min
Lab File: BM025291.D
Acq: 05 Mar 2020 17:07

Tgt Ion:276 Resp: 1490

Ion	Ratio	Lower	Upper
276	100		
138	27.4	17.9	26.9#
277	34.4	20.5	30.7#