Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030620\
Data File : BM025344.D
Acq On : 07 Mar 2020 11:40
Operator : CG/JU
Sample : L1616-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBDP8

Manual Integrations APPROVED
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Quant Time: Mar 07 21:25:33 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 : Sat Mar 07 19:35:17 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	5195	0.40	ng/ul	0.00
2) Naphthalene-d8	10.43	136	23000	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	16581	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	37543m	0.40	ng/ul	0.00
16) Chrysene-d12	21.22	240	35418	0.40	ng/ul	0.00
20) Perylene-d12	23.41	264	31742	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	10933	0.25	ng/ul	0.00
14) Fluoranthene-d10	19.07	212	32579	0.27	ng/ul	0.00
Target Compounds						Qvalue
12) Phenanthrene	17.08	178	3153	0.026	ng/ul	97
15) Fluoranthene	19.09	202	4939	0.033	ng/ul	96
17) Pyrene	19.46	202	4989	0.037	ng/ul#	93
18) Benzo(a)anthracene	21.21	228	2794	0.021	ng/ul	93
19) Chrysene	21.26	228	6138	0.043	ng/ul	100
21) Benzo(b)fluoranthene	22.76	252	9187m	0.072	ng/ul	
22) Benzo(k)fluoranthene	22.80	252	4079m	0.031	ng/ul	
23) Benzo(a)pyrene	23.32	252	4156	0.039	ng/ul#	59
24) Indeno(1,2,3-cd)pyrene	25.58	276	4783	0.036	ng/ul#	100
26) Benzo(g,h,i)perylene	26.25	276	3320	0.029	ng/ul#	89

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

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Instrument :
BNA_M
ClientSampleId :
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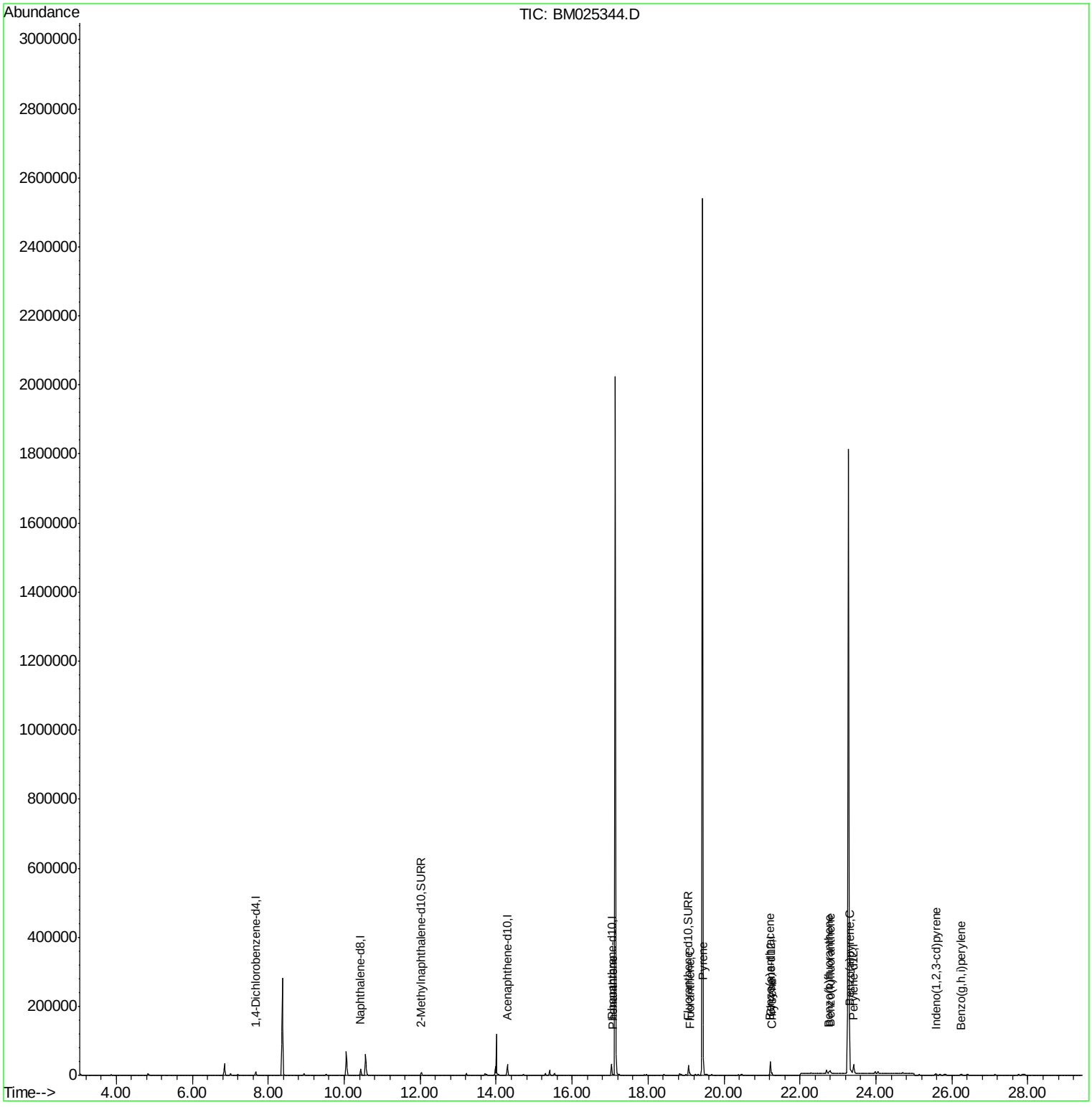
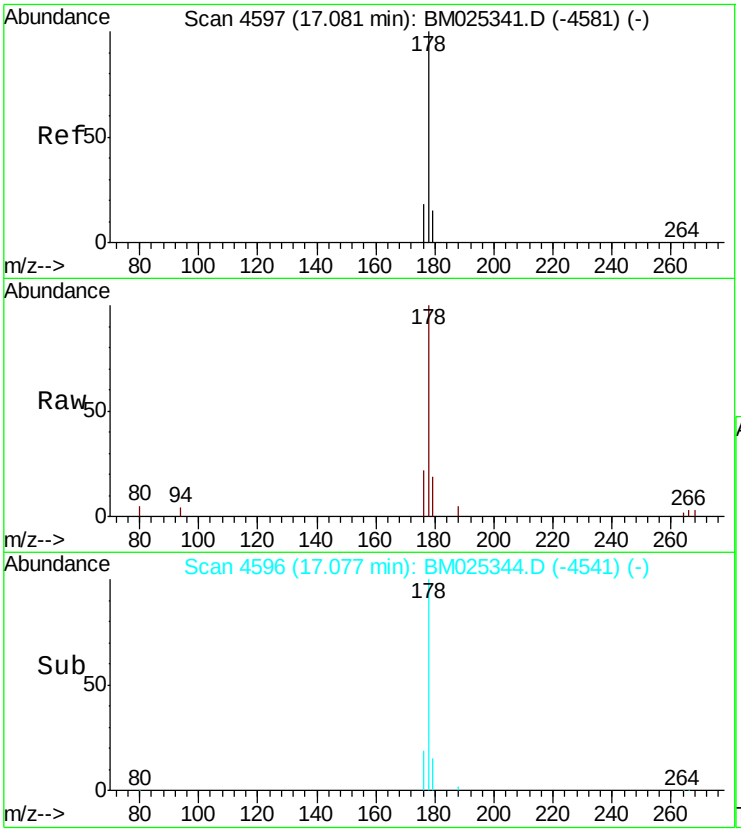
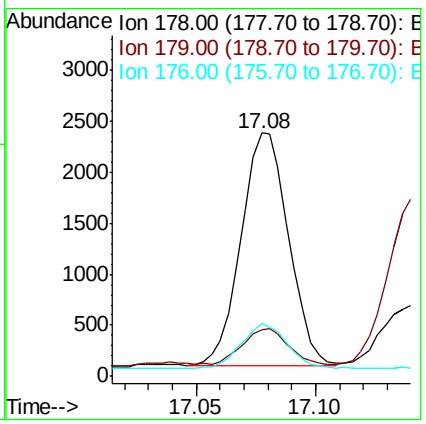




#12
Phenanthrene
Concen: 0.026 ng/ul
RT: 17.08 min Scan# 4596
Delta R.T. -0.01 min
Lab File: BM025344.D
Acq: 07 Mar 2020 11:40

Tgt Ion:178 Resp: 3153

Ion	Ratio	Lower	Upper
178	100		
179	19.0	14.0	21.0
176	21.6	16.6	24.8



Instrument :
BNA_M
ClientSampleId :
DBDP8

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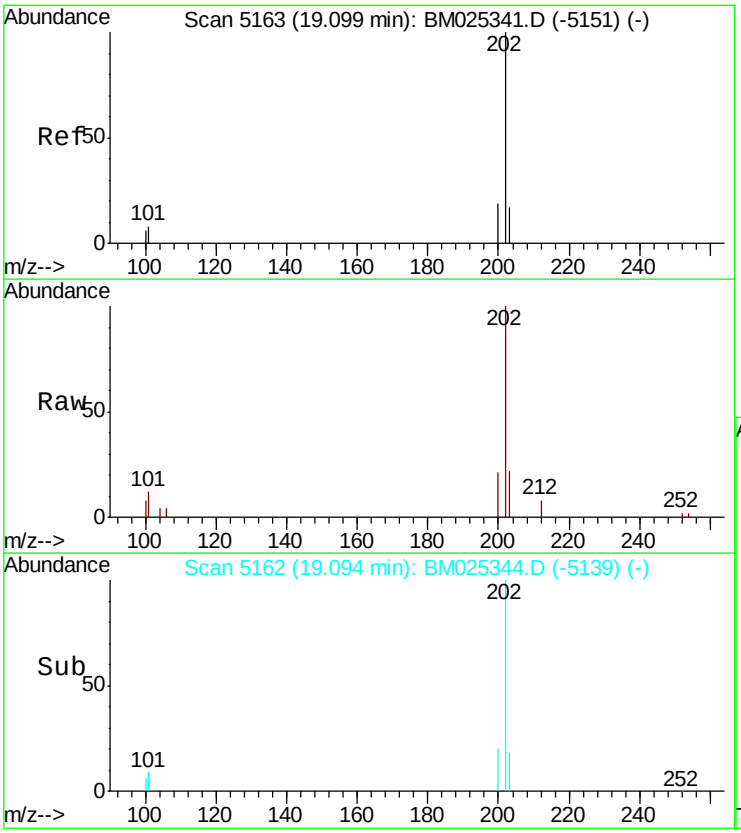
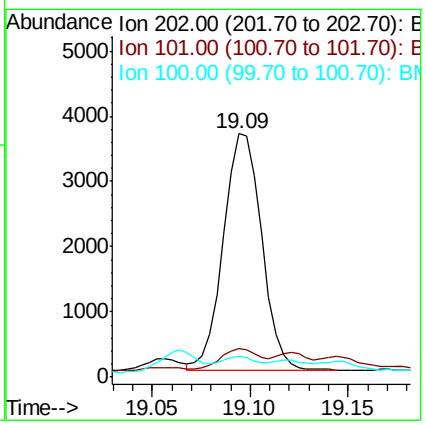
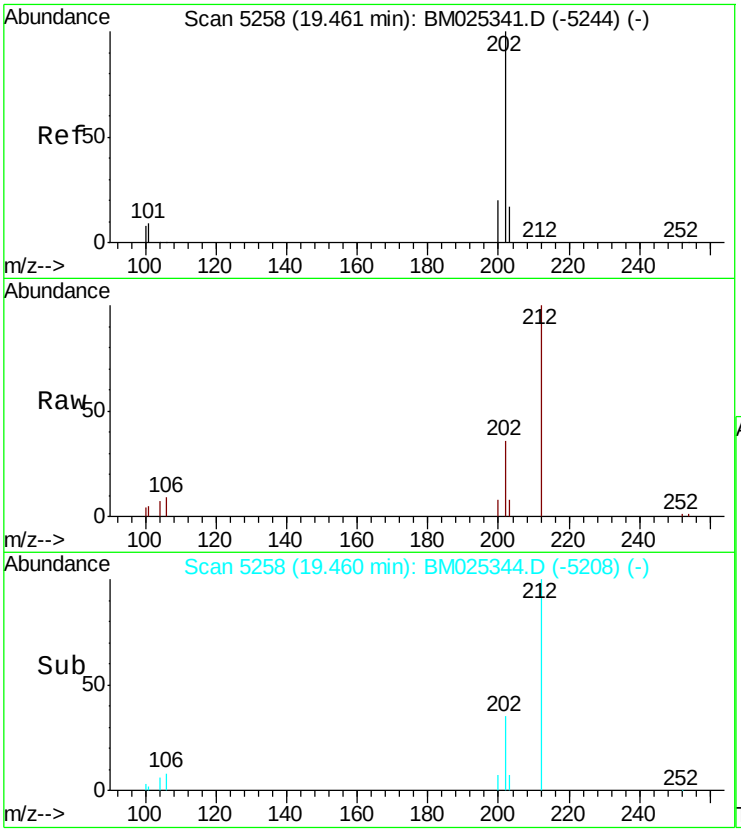


#15
Fluoranthene
Concen: 0.033 ng/ul
RT: 19.09 min Scan# 5162
Delta R.T. -0.01 min
Lab File: BM025344.D
Acq: 07 Mar 2020 11:40

Tgt Ion:202 Resp: 4939

Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	29.4
100	8.4	0.0	28.0





#17
Pyrene
Concen: 0.037 ng/ul
RT: 19.46 min Scan# 5258
Delta R.T. -0.01 min
Lab File: BM025344.D
Acq: 07 Mar 2020 11:40

Tgt Ion:202 Resp: 4989

Ion	Ratio	Lower	Upper
202	100		
101	13.0	8.7	13.1
100	11.9	7.3	10.9#

Instrument :
BNA_M
ClientSampleId :
DBDP8

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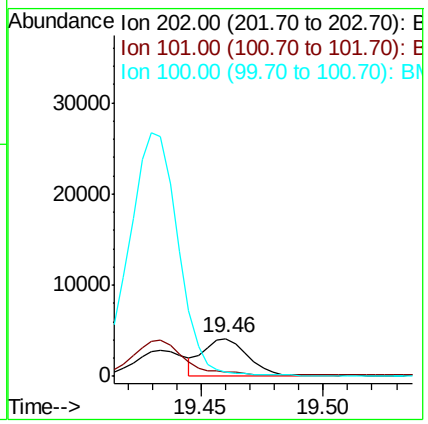
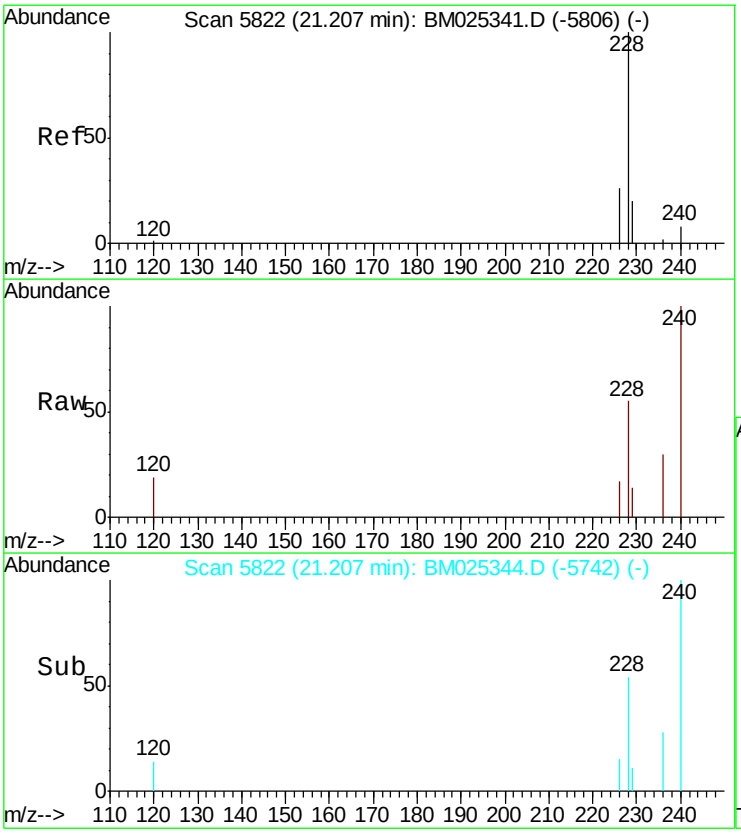
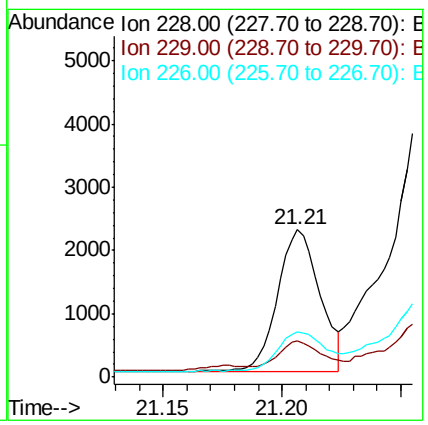


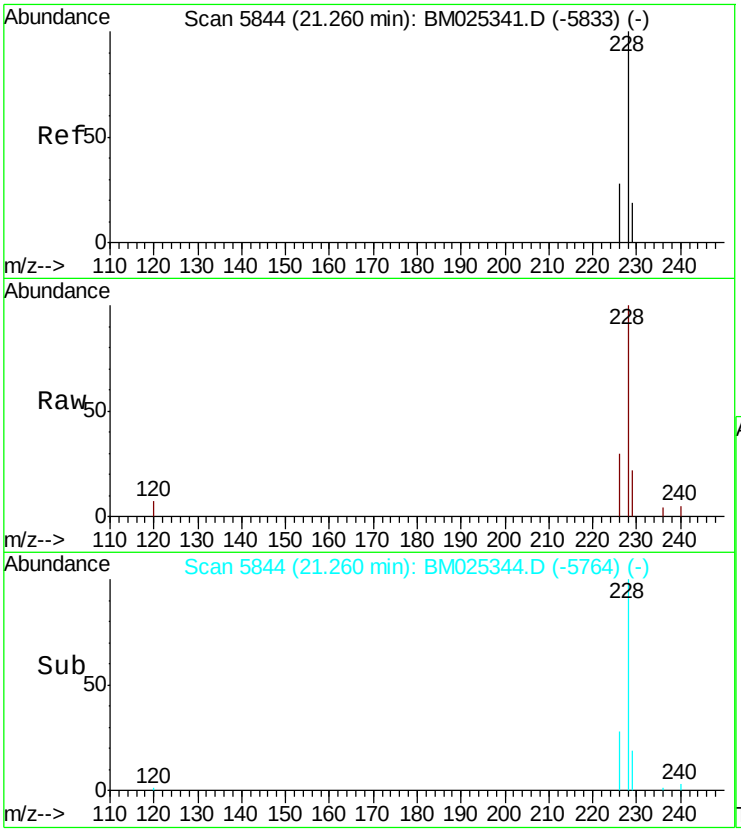


#18
Benzo(a)anthracene
Concen: 0.021 ng/ul
RT: 21.21 min Scan# 5822
Delta R.T. -0.01 min
Lab File: BM025344.D
Acq: 07 Mar 2020 11:40

Tgt Ion:228 Resp: 2794

Ion	Ratio	Lower	Upper
228	100		
229	24.7	16.6	25.0
226	30.9	21.9	32.9





#19
Chrysene
Concen: 0.043 ng/ul
RT: 21.26 min Scan# 5844
Delta R.T. -0.01 min
Lab File: BM025344.D
Acq: 07 Mar 2020 11:40

Tgt Ion:228 Resp: 6138

Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.8	35.8
229	21.5	16.9	25.3

Instrument :
BNA_M
ClientSampleId :
DBDP8

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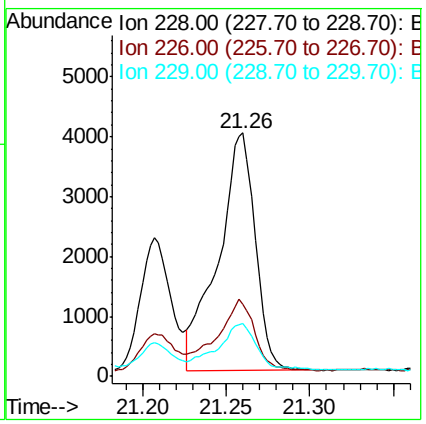
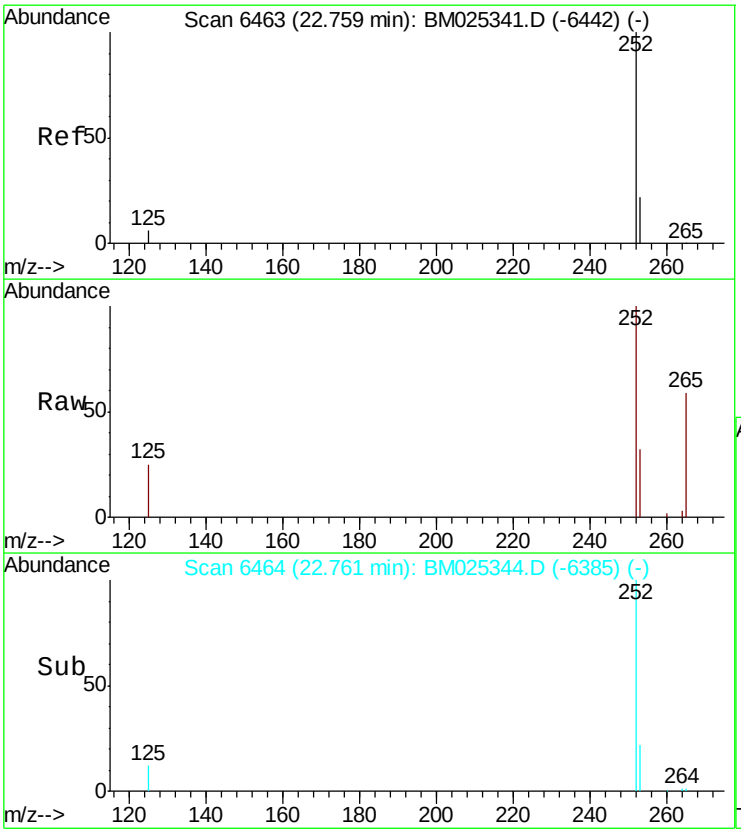
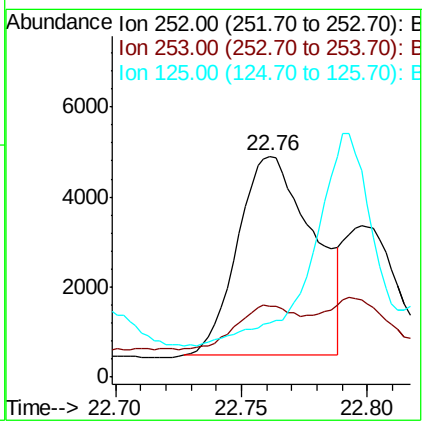


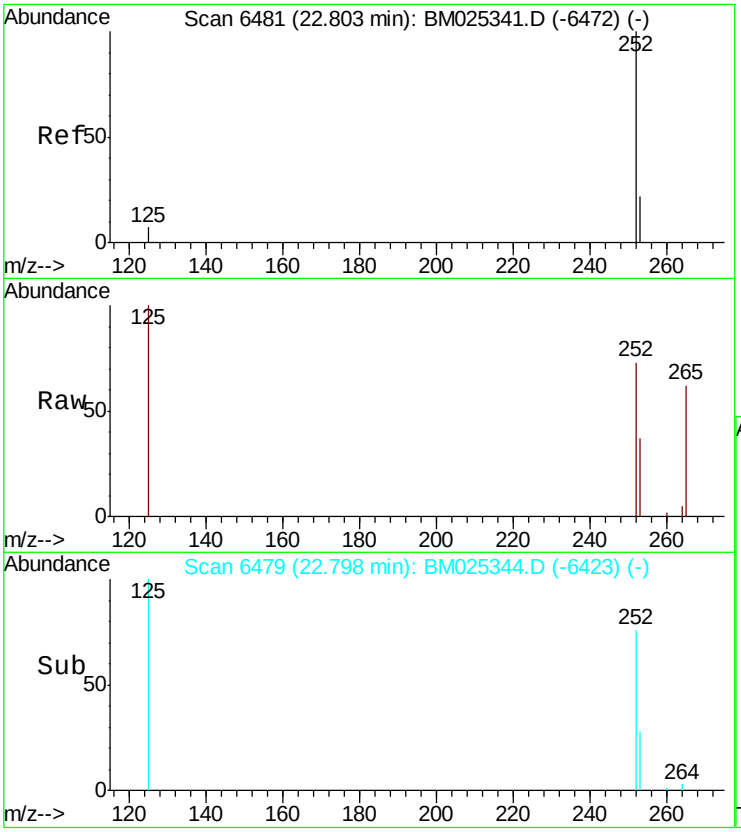


#21
Benzo(b)fluoranthene
Concen: 0.072 ng/ul m
RT: 22.76 min Scan# 6464
Delta R.T. -0.01 min
Lab File: BM025344.D
Acq: 07 Mar 2020 11:40

Tgt Ion:252 Resp: 9187

Ion	Ratio	Lower	Upper
252	100		
253	31.9	0.0	49.8
125	24.6	0.0	28.6

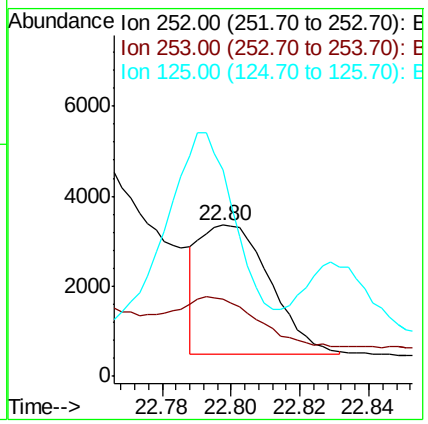




#22
Benzo(k)fluoranthene
Concen: 0.031 ng/ul m
RT: 22.80 min Scan# 6479
Delta R.T. -0.01 min
Lab File: BM025344.D
Acq: 07 Mar 2020 11:40

Tgt Ion:252 Resp: 4079

Ion	Ratio	Lower	Upper
252	100		
253	51.1	19.4	29.0#
125	136.6	10.7	16.1#



Instrument :
BNA_M
ClientSampleId :
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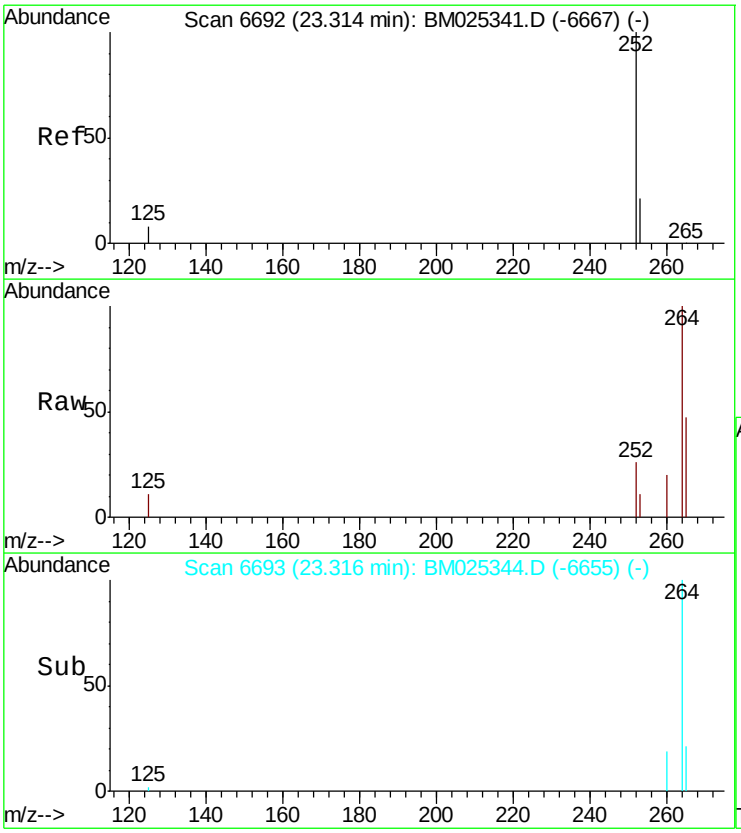
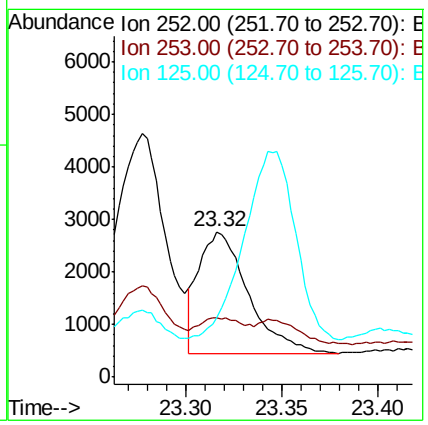
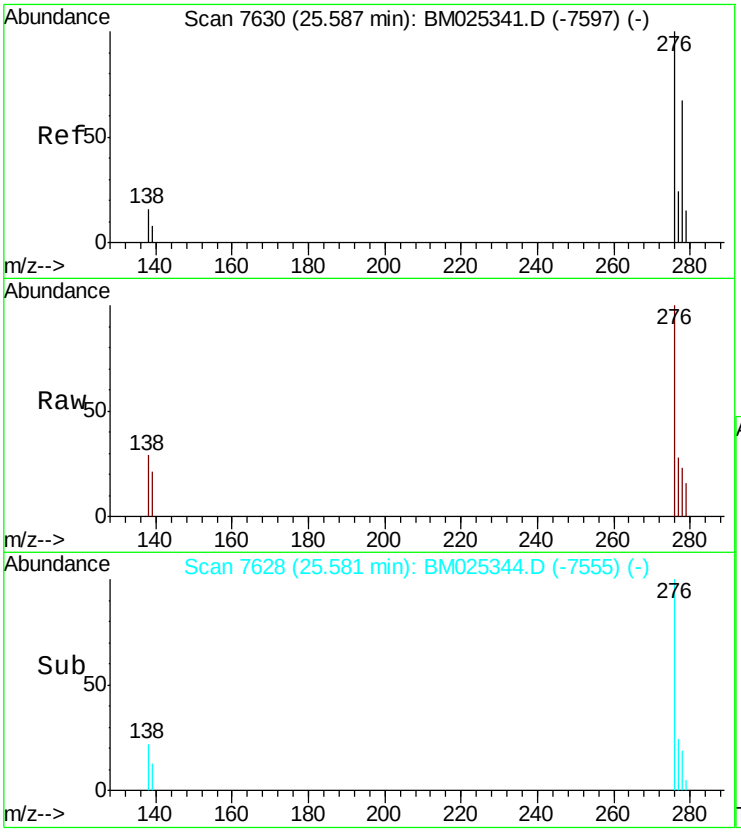


#23
Benzo(a)pyrene
Concen: 0.039 ng/ul
RT: 23.32 min Scan# 6693
Delta R.T. -0.01 min
Lab File: BM025344.D
Acq: 07 Mar 2020 11:40

Tgt Ion:252 Resp: 4156

Ion	Ratio	Lower	Upper
252	100		
253	40.7	20.3	30.5#
125	40.6	13.0	19.4#





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.036 ng/ul
RT: 25.58 min Scan# 7628
Delta R.T. -0.02 min
Lab File: BM025344.D
Acq: 07 Mar 2020 11:40

Tgt Ion:276 Resp: 4783

Ion	Ratio	Lower	Upper
276	100		
138	38.3	0.0	0.0#
227	0.0	0.0	0.0

Instrument :
BNA_M
ClientSampleId :
DBDP8

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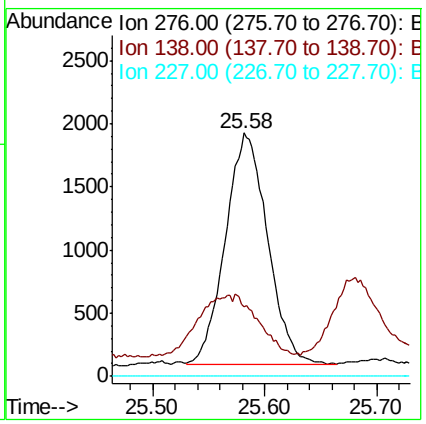

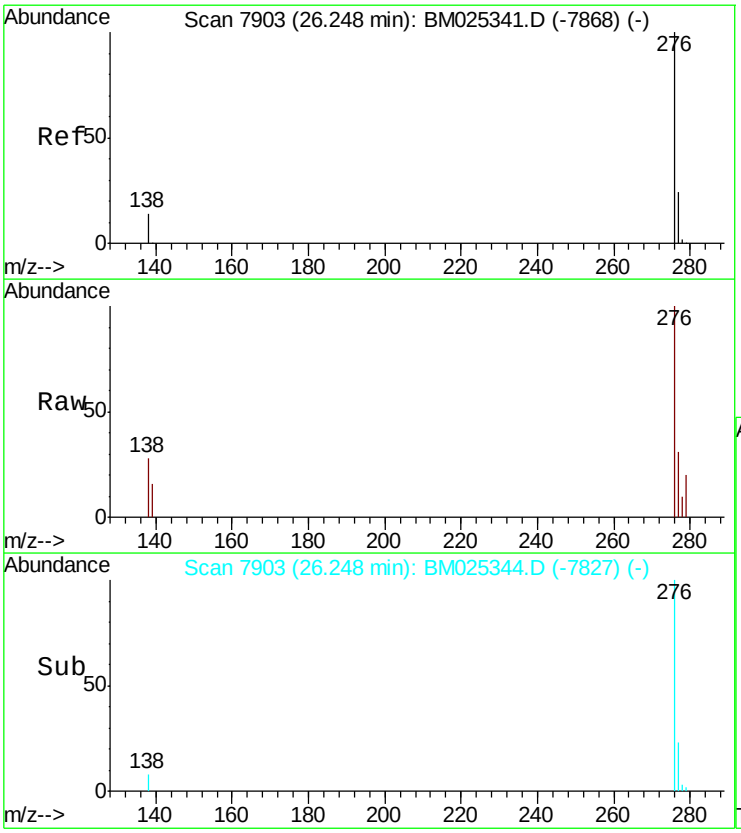

#26
Benzo(g,h,i)perylene
Concen: 0.029 ng/ul
RT: 26.25 min Scan# 7903
Delta R.T. -0.01 min
Lab File: BM025344.D
Acq: 07 Mar 2020 11:40

Tgt Ion:276 Resp: 3320

Ion	Ratio	Lower	Upper
276	100		
138	27.8	17.9	26.9#
277	30.9	20.5	30.7#