Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091019\
Data File : BM022625.D
Acq On : 10 Sep 2019 18:21
Operator : HP/JU
Sample : K4708-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CB5Q0

Manual Integrations APPROVED
mohammad
9/11/2019 8:21:30 AM

Quant Time: Sep 10 19:00:02 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM091019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 10 15:06:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	16317	0.40	ng/ul	0.00
2) Naphthalene-d8	10.64	136	69076	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.48	164	37864	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.22	188	85362m	0.40	ng/ul	0.00
16) Chrysene-d12	21.39	240	68233m	0.40	ng/ul	0.00
20) Perylene-d12	23.67	264	53244m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.23	152	30453	0.27	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	77534m	0.33	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.69	128	5391	0.027	ng/ul#	92
5) 2-Methylnaphthalene	12.31	142	2845	0.021	ng/ul	98
12) Phenanthrene	17.25	178	19988	0.073	ng/ul	96
15) Fluoranthene	19.27	202	48323m	0.165	ng/ul	
17) Pyrene	19.63	202	43629m	0.141	ng/ul	
18) Benzo(a)anthracene	21.37	228	21150m	0.081	ng/ul	
19) Chrysene	21.42	228	26770	0.097	ng/ul	96
21) Benzo(b)fluoranthene	22.99	252	33333m	0.144	ng/ul	
22) Benzo(k)fluoranthene	23.03	252	12816m	0.054	ng/ul	
23) Benzo(a)pyrene	23.58	252	18771	0.093	ng/ul#	33
24) Indeno(1,2,3-cd)pyrene	25.99	276	13975	0.057	ng/ul#	81
26) Benzo(g,h,i)perylene	26.69	276	11890	0.060	ng/ul#	78

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

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Instrument :
BNA_M
ClientSampleId :
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Manual Integrations APPROVED
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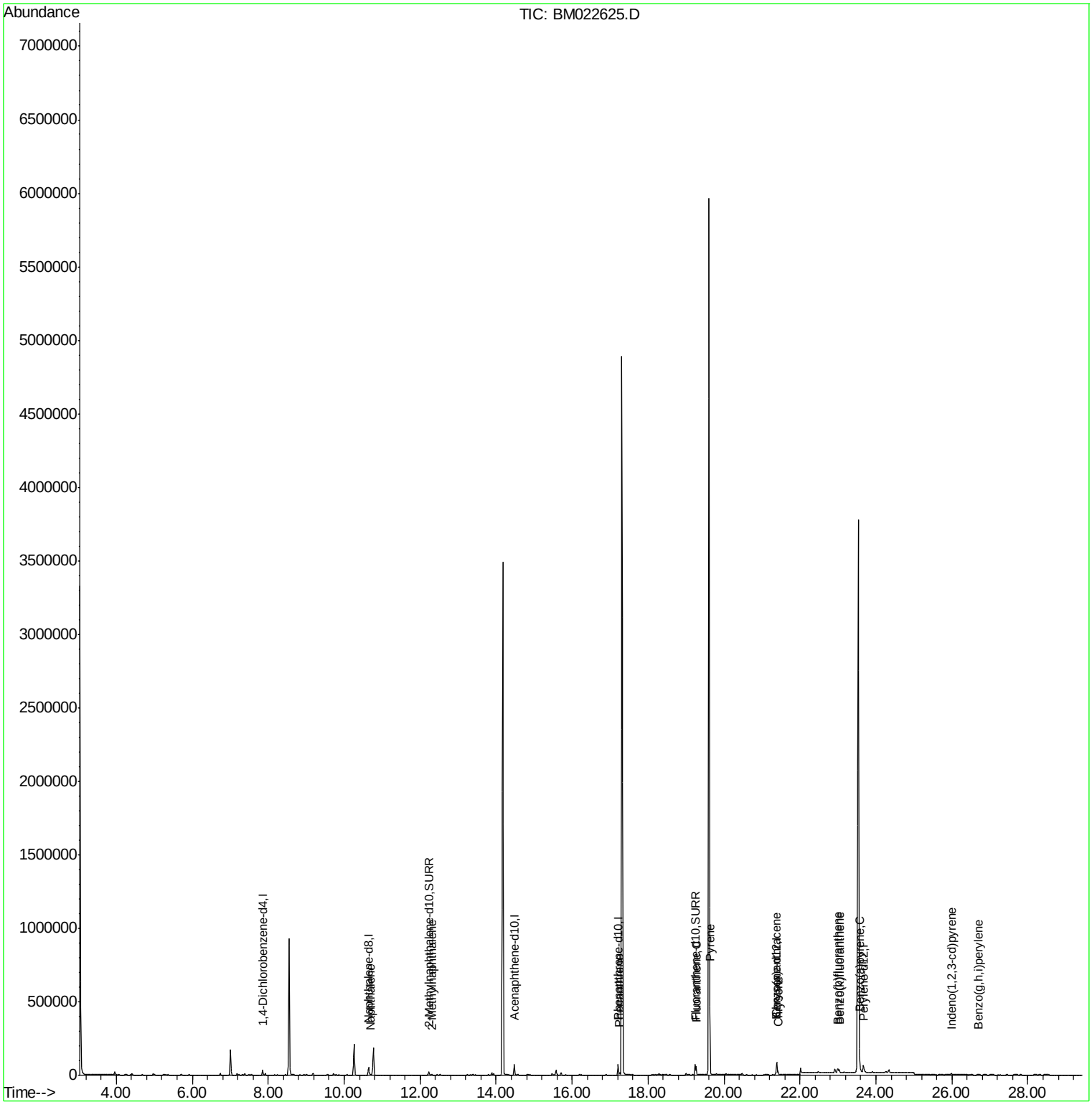

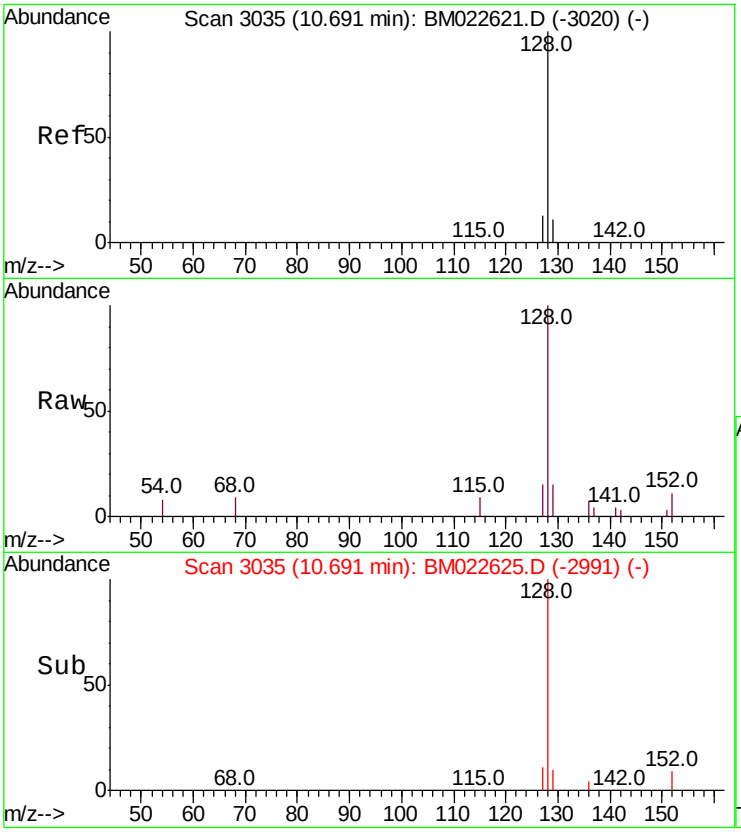

#3
Naphthalene
Concen: 0.027 ng/ul
RT: 10.69 min Scan# 3035
Delta R.T. -0.00 min
Lab File: BM022625.D
Acq: 10 Sep 2019 18:21

Tgt Ion:128 Resp: 5391

Ion	Ratio	Lower	Upper
128	100		
129	15.2	8.8	13.2#
127	14.9	10.4	15.6

Instrument :
BNA_M
ClientSampleId :
CB5Q0

Manual Integrations APPROVED
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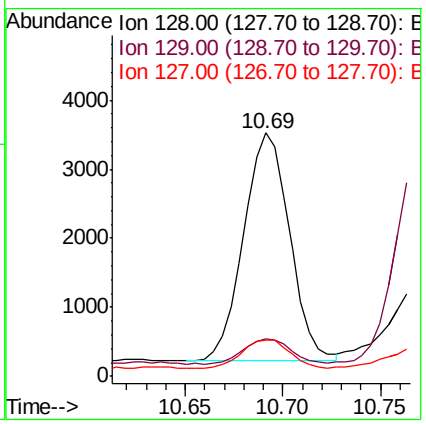
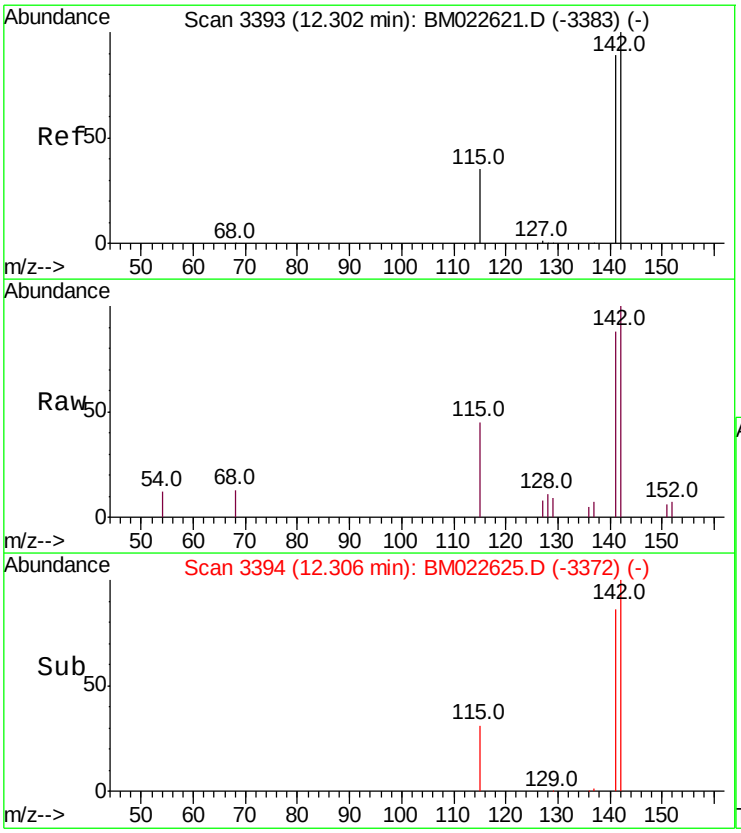
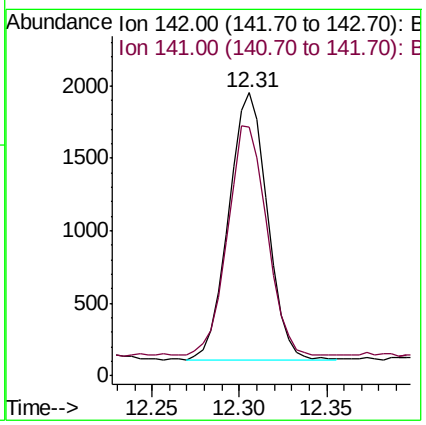


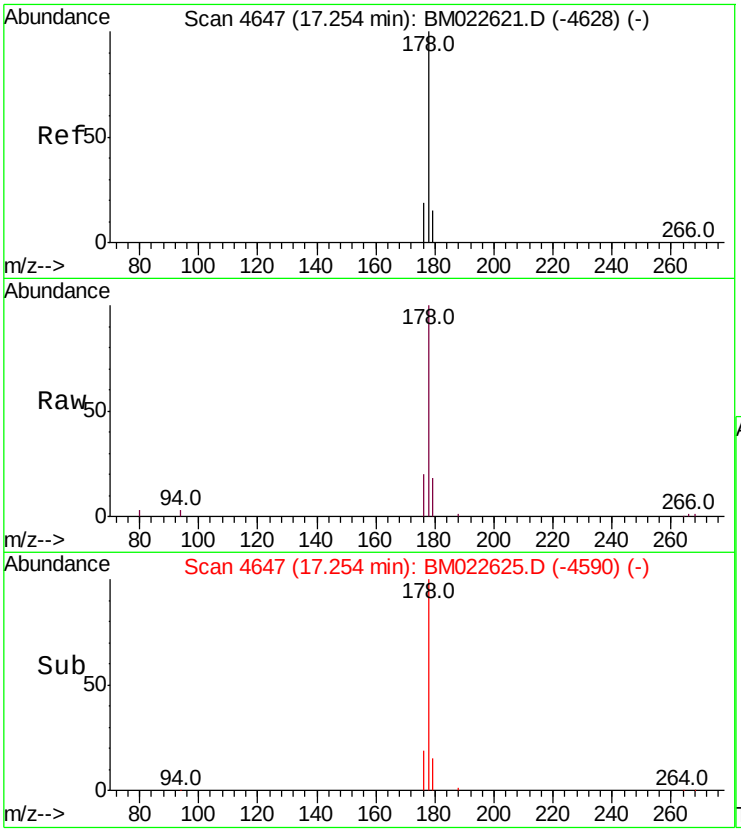


#5
2-Methylnaphthalene
Concen: 0.021 ng/ul
RT: 12.31 min Scan# 3394
Delta R.T. -0.00 min
Lab File: BM022625.D
Acq: 10 Sep 2019 18:21

Tgt Ion:142 Resp: 2845

Ion	Ratio	Lower	Upper
142	100		
141	86.7	70.8	106.2

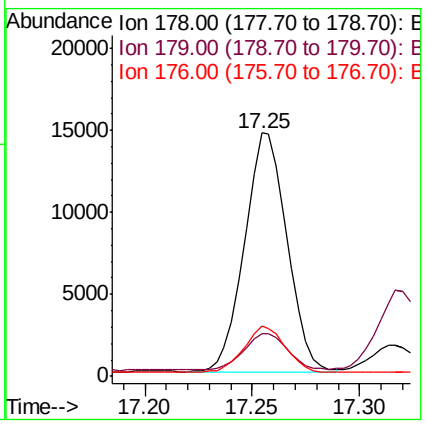




#12
Phenanthrene
Concen: 0.073 ng/ul
RT: 17.25 min Scan# 4647
Delta R.T. -0.00 min
Lab File: BM022625.D
Acq: 10 Sep 2019 18:21

Tgt Ion:178 Resp: 19988

Ion	Ratio	Lower	Upper
178	100		
179	17.7	12.4	18.6
176	20.5	15.3	22.9



Instrument :
BNA_M
ClientSampleId :
CB5Q0

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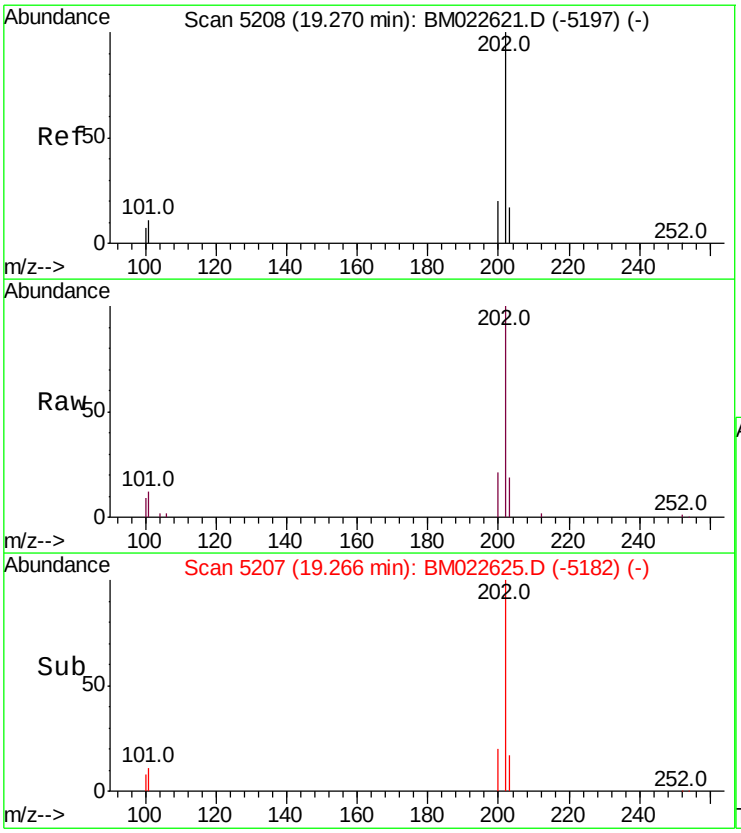
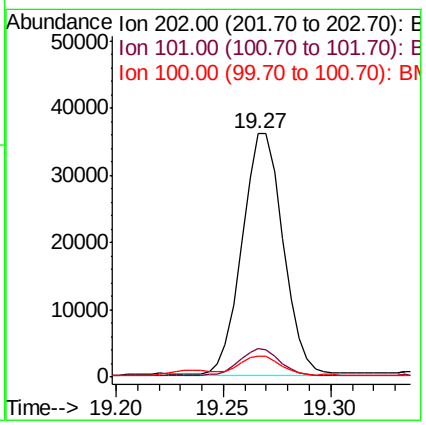
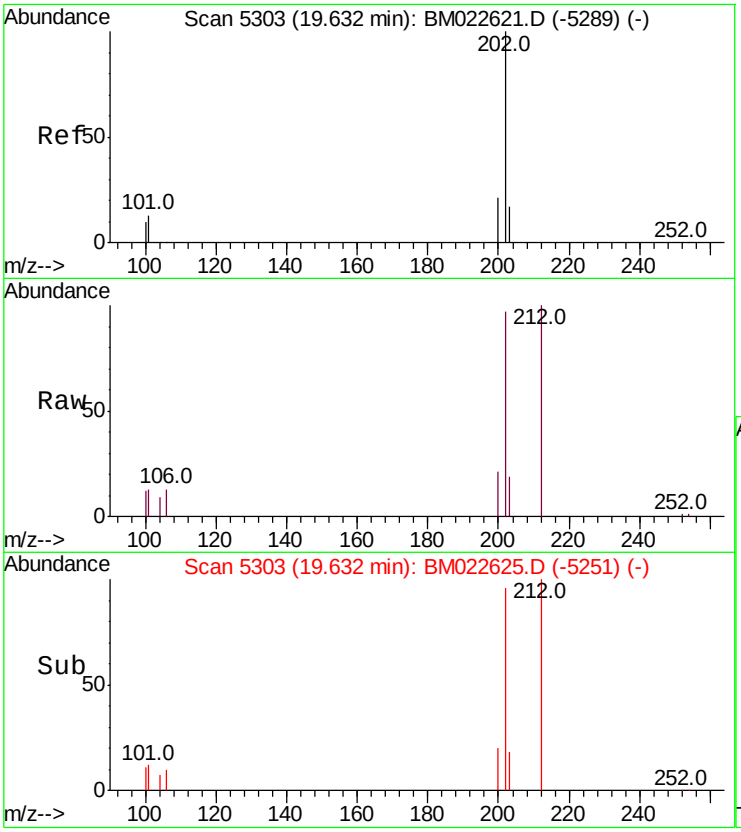


#15
Fluoranthene
Concen: 0.165 ng/ul m
RT: 19.27 min Scan# 5207
Delta R.T. -0.00 min
Lab File: BM022625.D
Acq: 10 Sep 2019 18:21

Tgt Ion:202 Resp: 48323

Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	30.5
100	8.8	0.0	28.0

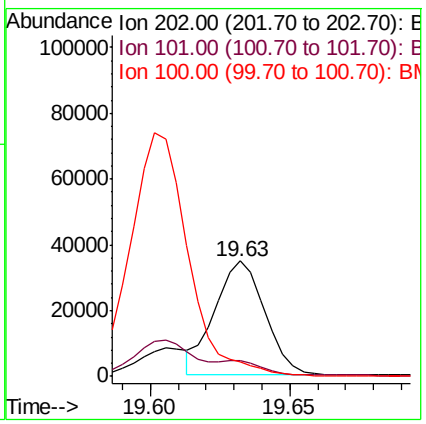




#17
Pyrene
Concen: 0.141 ng/ul m
RT: 19.63 min Scan# 5303
Delta R.T. -0.00 min
Lab File: BM022625.D
Acq: 10 Sep 2019 18:21

Tgt Ion:202 Resp: 43629

Ion	Ratio	Lower	Upper
202	100		
101	13.3	10.0	15.0
100	12.4	8.1	12.1#



Instrument :
BNA_M
ClientSampleId :
CB5Q0

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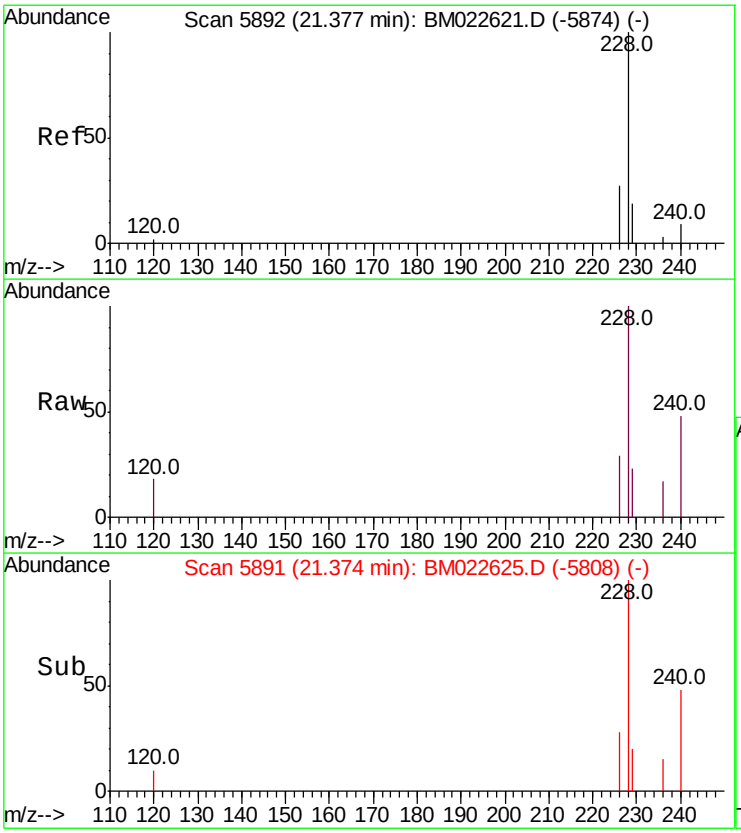
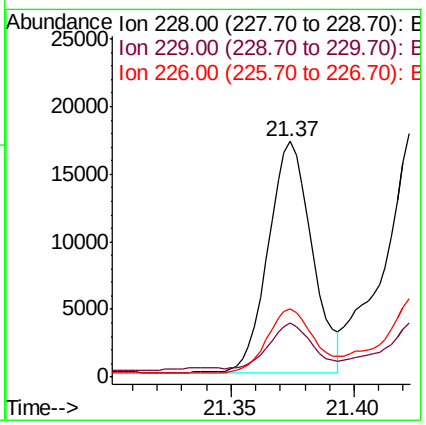
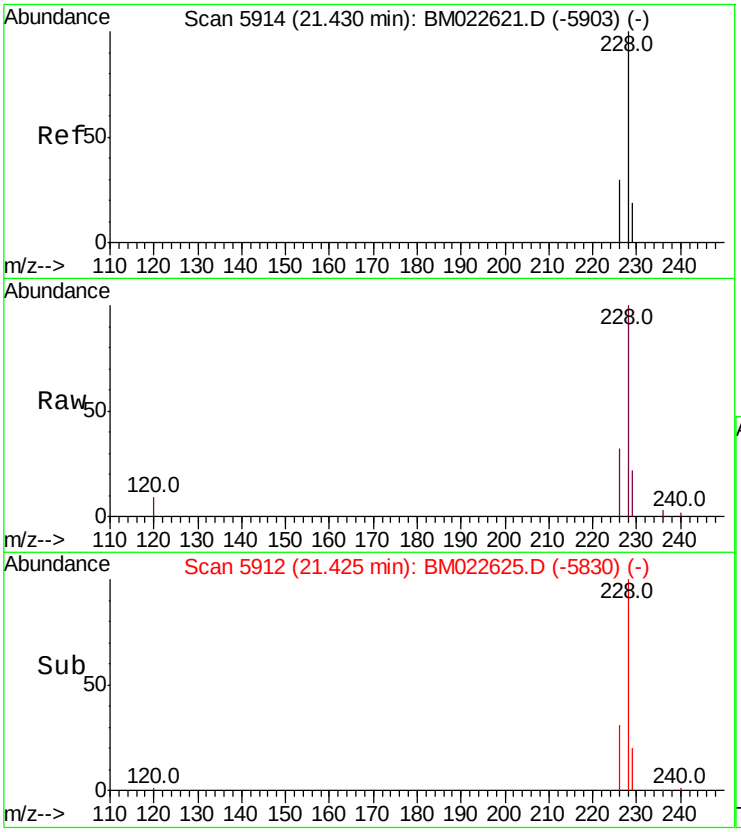


#18
Benzo(a)anthracene
Concen: 0.081 ng/ul m
RT: 21.37 min Scan# 5891
Delta R.T. -0.00 min
Lab File: BM022625.D
Acq: 10 Sep 2019 18:21

Tgt Ion:228 Resp: 21150

Ion	Ratio	Lower	Upper
228	100		
229	22.9	15.6	23.4
226	29.0	22.0	33.0





#19
Chrysene
Concen: 0.097 ng/ul
RT: 21.42 min Scan# 5912
Delta R.T. -0.00 min
Lab File: BM022625.D
Acq: 10 Sep 2019 18:21

Tgt Ion:228 Resp: 26770

Ion	Ratio	Lower	Upper
228	100		
226	31.6	23.8	35.8
229	22.0	15.5	23.3

Instrument :
BNA_M
ClientSampleId :
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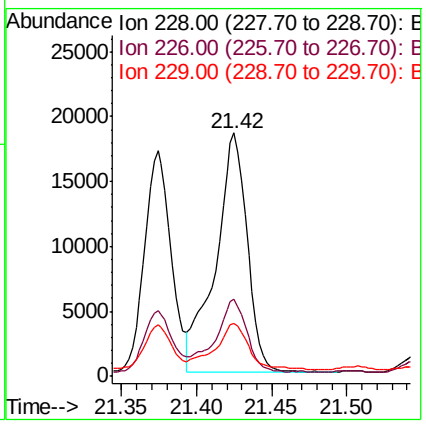
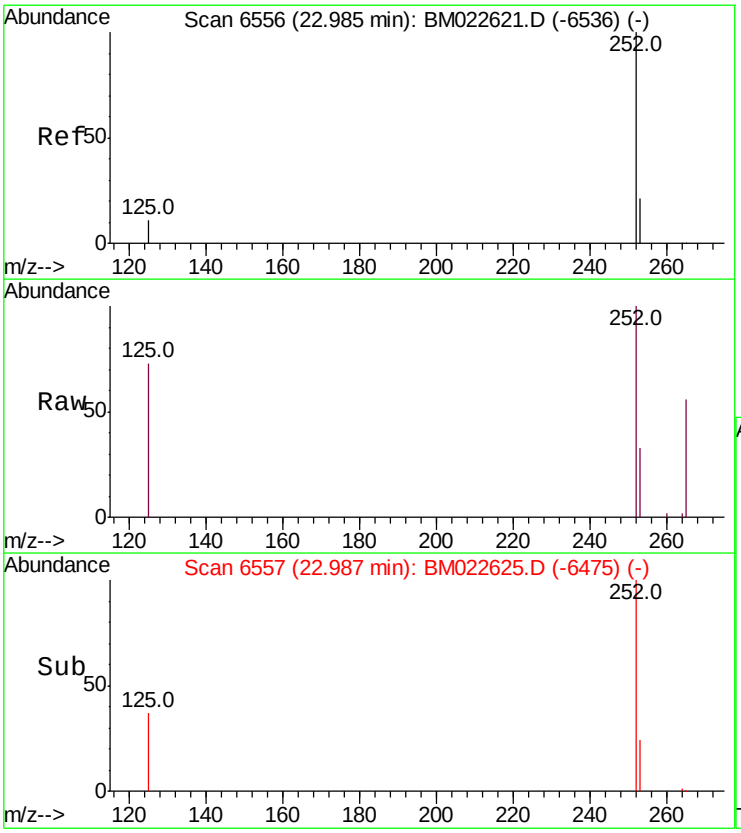
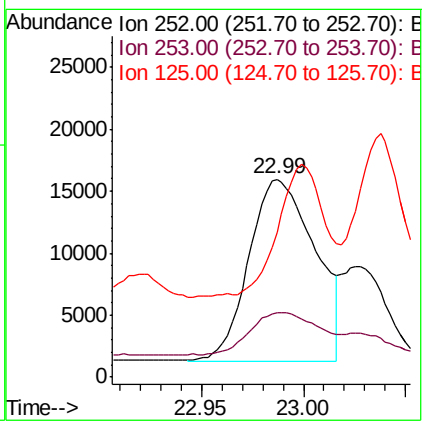


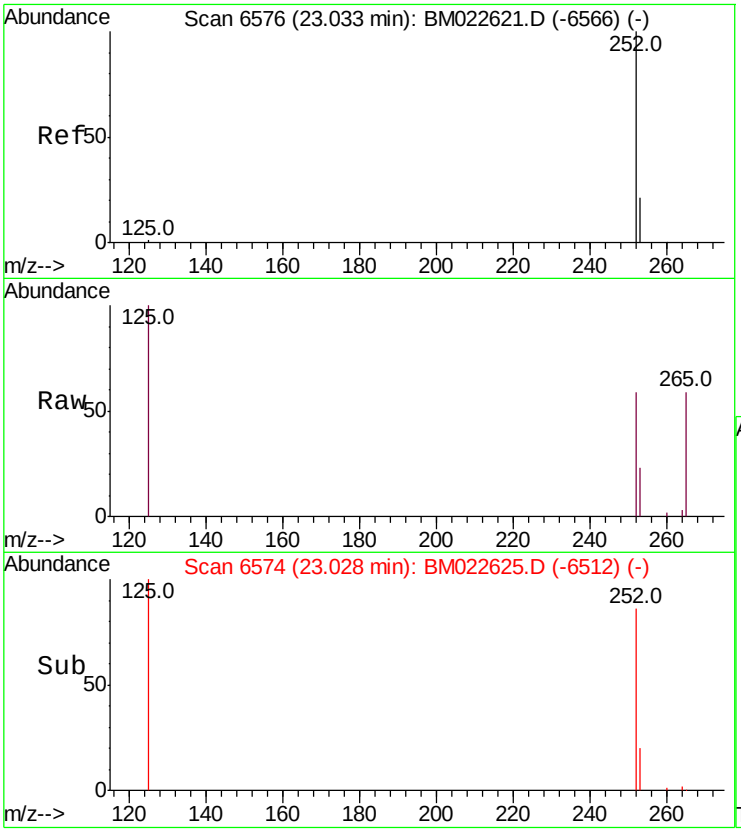


#21
Benzo(b)fluoranthene
Concen: 0.144 ng/ul m
RT: 22.99 min Scan# 6557
Delta R.T. -0.00 min
Lab File: BM022625.D
Acq: 10 Sep 2019 18:21

Tgt Ion:252 Resp: 33333

Ion	Ratio	Lower	Upper
252	100		
253	32.6	0.0	48.4
125	73.3	0.0	31.2#

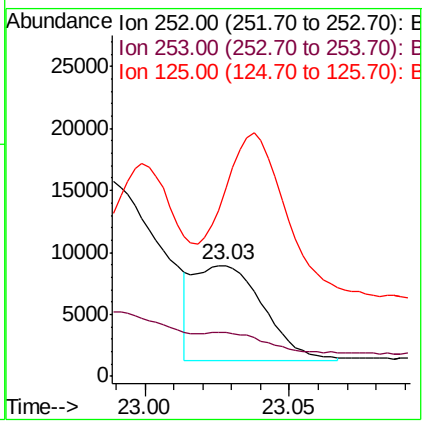




#22
Benzo(k)fluoranthene
Concen: 0.054 ng/ul m
RT: 23.03 min Scan# 6574
Delta R.T. -0.00 min
Lab File: BM022625.D
Acq: 10 Sep 2019 18:21

Tgt Ion:252 Resp: 12816

Ion	Ratio	Lower	Upper
252	100		
253	39.4	19.5	29.3#
125	170.3	11.2	16.8#



Instrument :
BNA_M
ClientSampleId :
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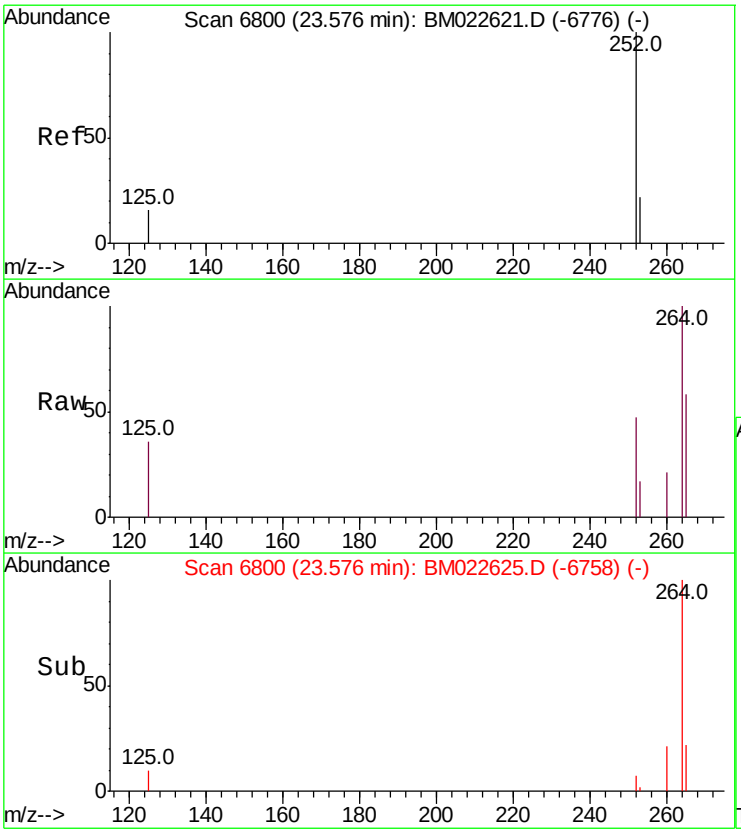
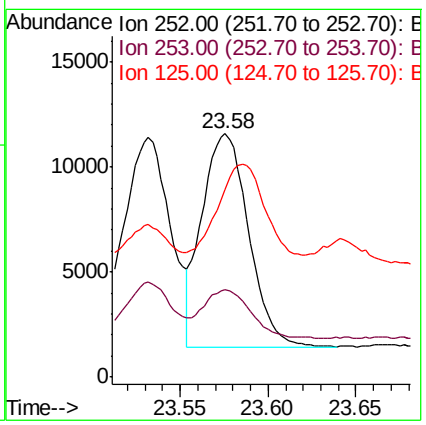
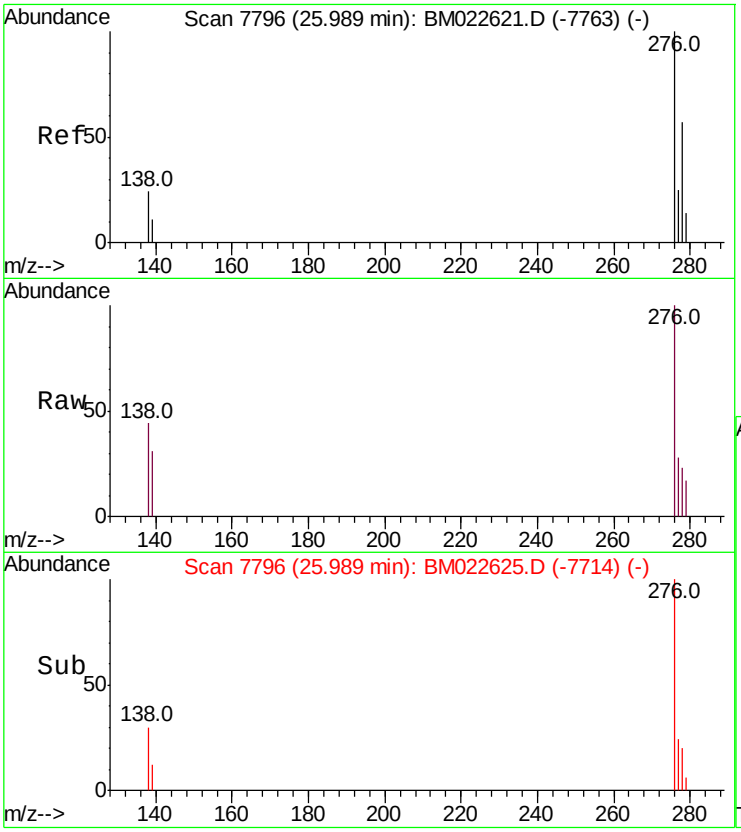


#23
Benzo(a)pyrene
Concen: 0.093 ng/ul
RT: 23.58 min Scan# 6800
Delta R.T. 0.00 min
Lab File: BM022625.D
Acq: 10 Sep 2019 18:21

Tgt Ion:252 Resp: 18771

Ion	Ratio	Lower	Upper
252	100		
253	36.0	20.2	30.2#
125	77.0	15.7	23.5#





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.057 ng/ul
RT: 25.99 min Scan# 7796
Delta R.T. -0.00 min
Lab File: BM022625.D
Acq: 10 Sep 2019 18:21

Tgt Ion:276 Resp: 13975

Ion	Ratio	Lower	Upper
276	100		
138	35.9	21.1	31.7#
227	0.0	0.0	0.0

Instrument :
BNA_M
ClientSampleId :
CB5Q0

Manual Integrations APPROVED
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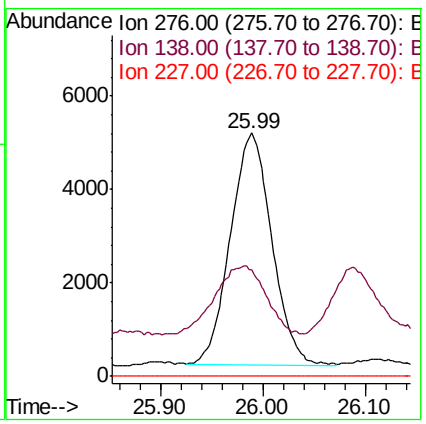
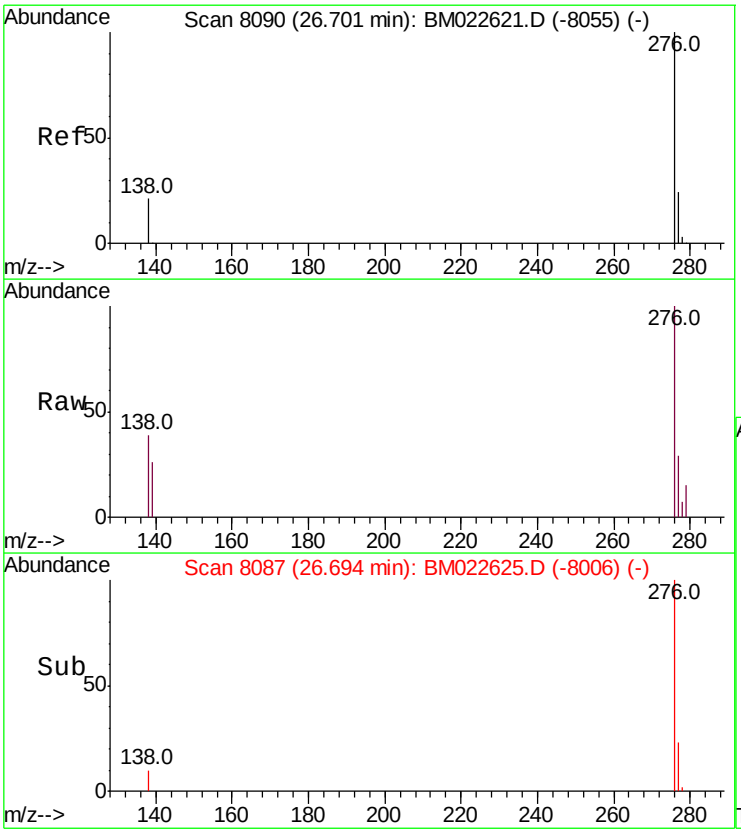
9/11/2019 8:21:30 AM





#26
Benzo(g,h,i)perylene
Concen: 0.060 ng/ul
RT: 26.69 min Scan# 8087
Delta R.T. -0.00 min
Lab File: BM022625.D
Acq: 10 Sep 2019 18:21

Tgt Ion:276 Resp: 11890

Ion	Ratio	Lower	Upper
276	100		
138	38.7	18.2	27.4#
277	29.3	19.2	28.8#