Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021021\
Data File : BM028706.D
Acq On : 10 Feb 2021 16:17
Operator : CG/JU
Sample : M1310-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0A38

Manual Integrations APPROVED
mohammad
2/11/2021 9:47:02 AM

Quant Time: Feb 10 16:51:11 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM020521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 10 14:28:04 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	443	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	1860	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.55	164	1042	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.28	188	2067m	0.40	ng/ul	0.00
16) Chrysene-d12	21.43	240	1677	0.40	ng/ul	0.00
20) Perylene-d12	23.66	264	1674	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	953	0.36	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	1692	0.32	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.76	128	351	0.076	ng/ul#	68
5) 2-Methylnaphthalene	12.37	142	322	0.104	ng/ul	99
12) Phenanthrene	17.32	178	774	0.134	ng/ul#	90
15) Fluoranthene	19.33	202	561	0.085	ng/ul#	56
17) Pyrene	19.69	202	487	0.080	ng/ul#	72
18) Benzo(a)anthracene	21.41	228	247	0.043	ng/ul#	61
19) Chrysene	21.46	228	392	0.069	ng/ul#	71
21) Benzo(b)fluoranthene	22.99	252	404m	0.071	ng/ul	
22) Benzo(k)fluoranthene	23.03	252	155m	0.027	ng/ul	
23) Benzo(a)pyrene	23.56	252	231	0.045	ng/ul#	2
24) Indeno(1,2,3-cd)pyrene	25.92	276	185	0.028	ng/ul#	100
26) Benzo(g,h,i)perylene	26.61	276	182	0.033	ng/ul#	25

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

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Instrument :
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ClientSampleId :
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Manual Integrations APPROVED
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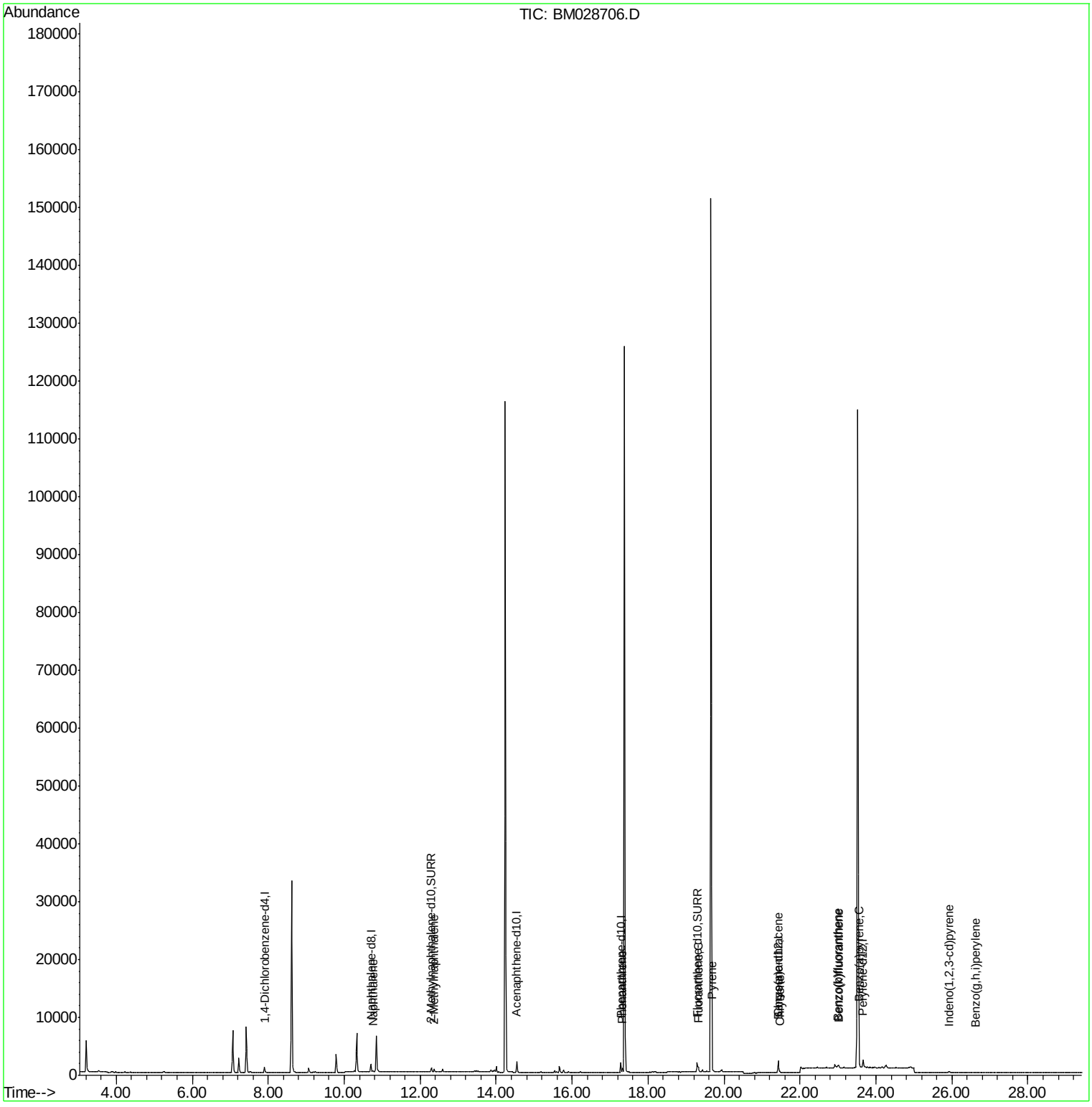

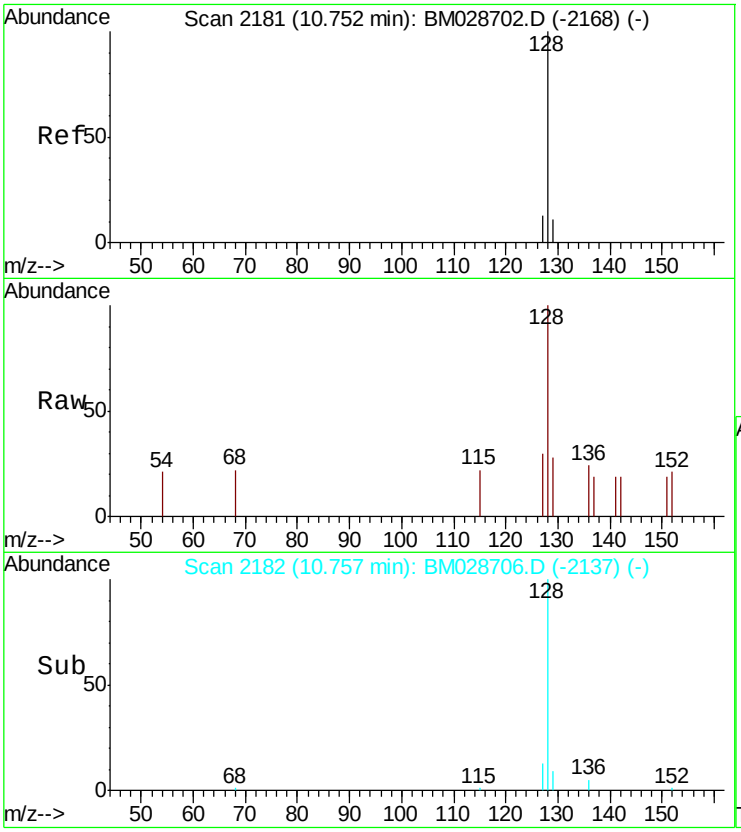

#3
Naphthalene
Concen: 0.076 ng/ul
RT: 10.76 min Scan# 2182
Delta R.T. 0.00 min
Lab File: BM028706.D
Acq: 10 Feb 2021 16:17

Tgt Ion:128 Resp: 351

Ion	Ratio	Lower	Upper
128	100		
129	28.1	11.4	17.2#
127	29.6	13.0	19.6#

Instrument :
BNA_M
ClientSampleId :
C0A38

Manual Integrations APPROVED
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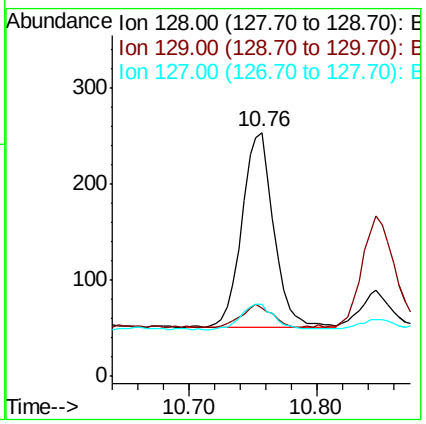
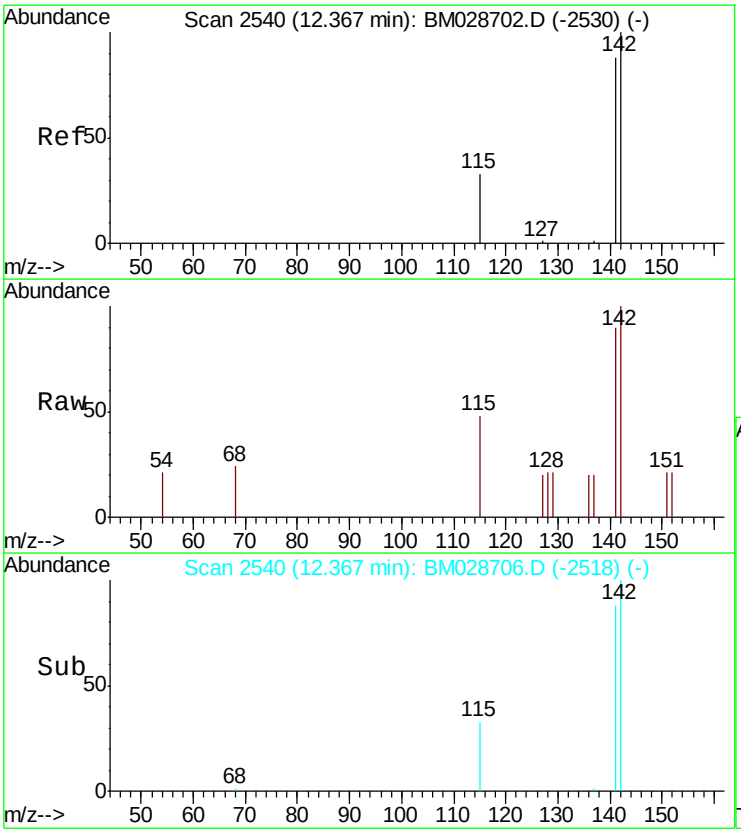
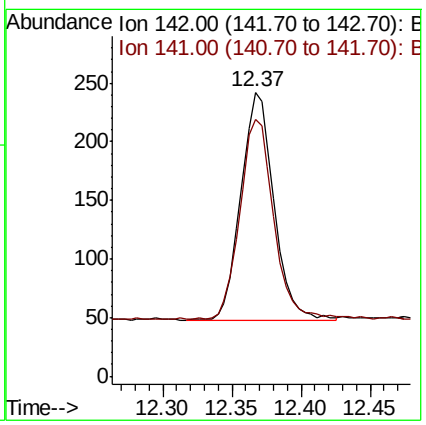


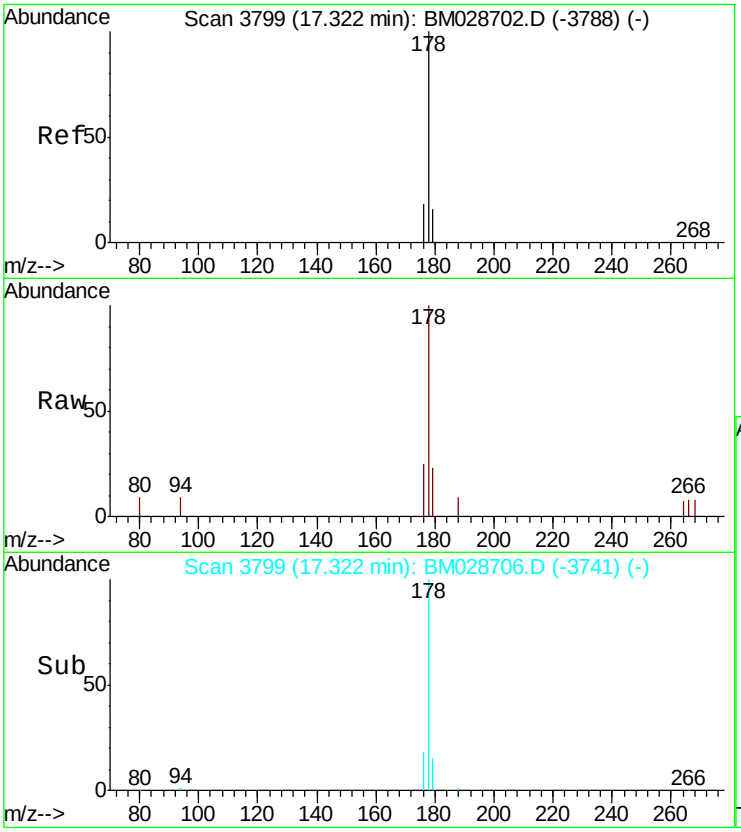


#5
2-Methylnaphthalene
Concen: 0.104 ng/ul
RT: 12.37 min Scan# 2540
Delta R.T. 0.00 min
Lab File: BM028706.D
Acq: 10 Feb 2021 16:17

Tgt Ion:142 Resp: 322

Ion	Ratio	Lower	Upper
142	100		
141	89.8	72.2	108.4





#12
Phenanthrene
Concen: 0.134 ng/ul
RT: 17.32 min Scan# 3799
Delta R.T. 0.00 min
Lab File: BM028706.D
Acq: 10 Feb 2021 16:17

Tgt Ion:178 Resp: 774

Ion	Ratio	Lower	Upper
178	100		
179	23.2	14.7	22.1#
176	24.9	16.7	25.1

Instrument :
BNA_M
ClientSampleId :
C0A38

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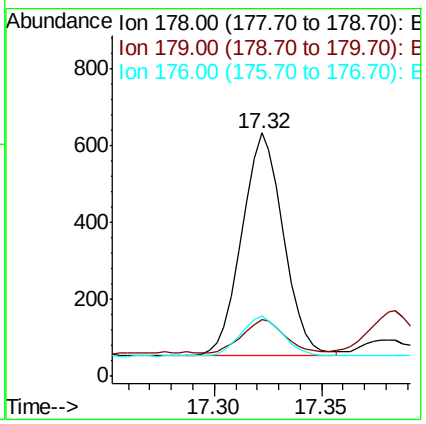
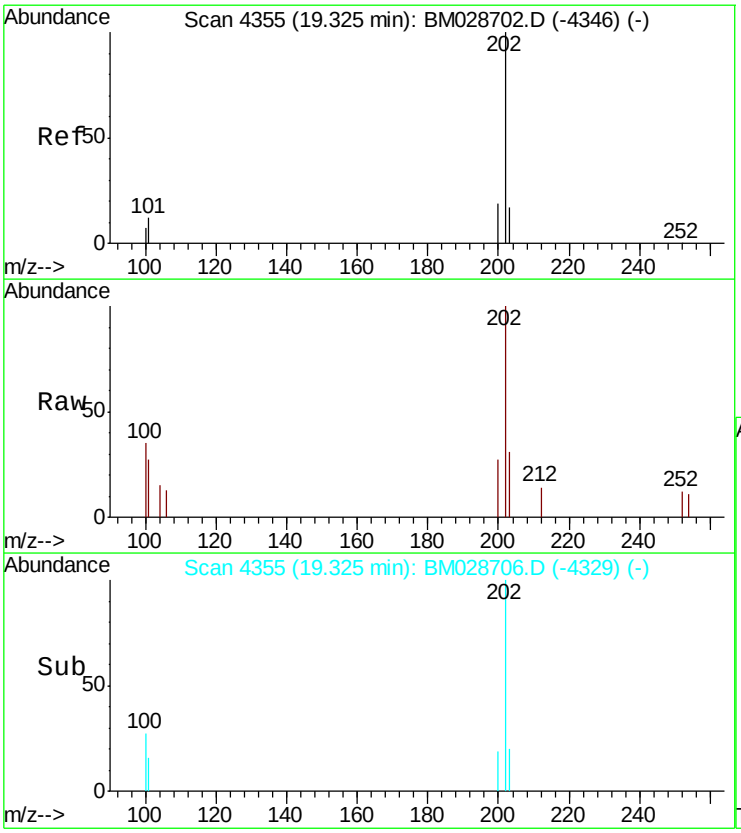
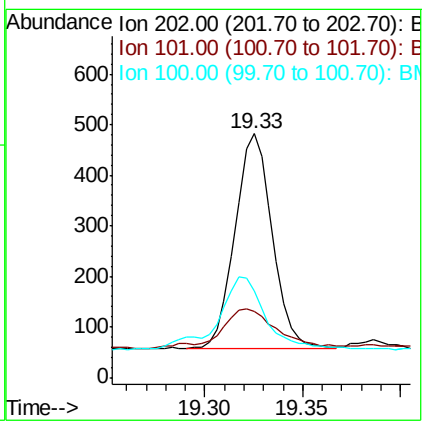


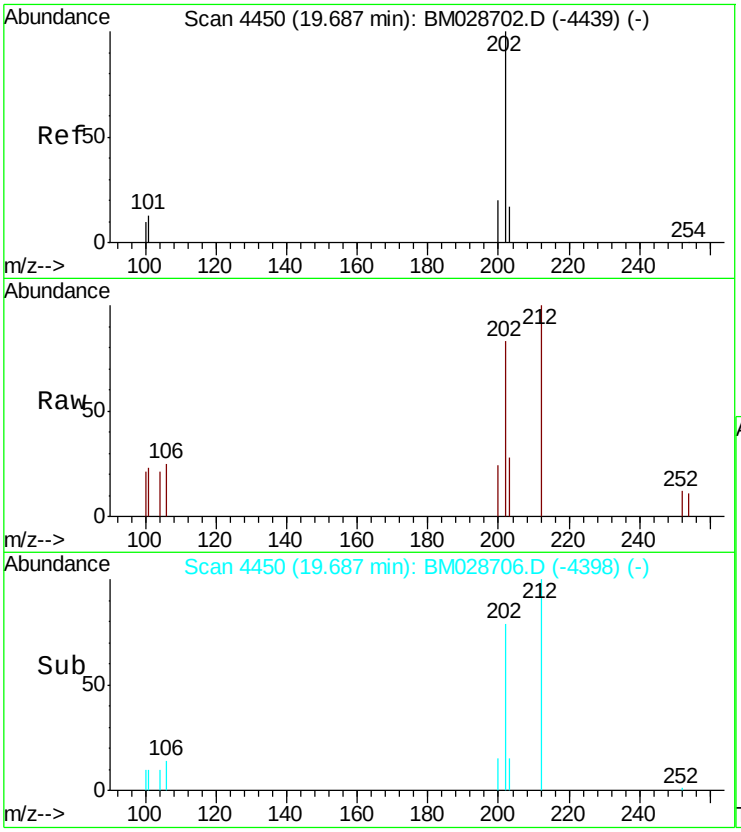


#15
Fluoranthene
Concen: 0.085 ng/ul
RT: 19.33 min Scan# 4355
Delta R.T. 0.00 min
Lab File: BM028706.D
Acq: 10 Feb 2021 16:17

Tgt Ion:202 Resp: 561

Ion	Ratio	Lower	Upper
202	100		
101	27.2	0.0	34.5
100	35.3	0.0	31.7#





#17
Pyrene
Concen: 0.080 ng/ul
RT: 19.69 min Scan# 4450
Delta R.T. 0.00 min
Lab File: BM028706.D
Acq: 10 Feb 2021 16:17

Tgt Ion:202 Resp: 487

Ion	Ratio	Lower	Upper
202	100		
101	27.3	12.7	19.1#
100	24.9	10.2	15.4#

Instrument :
BNA_M
ClientSampleId :
C0A38

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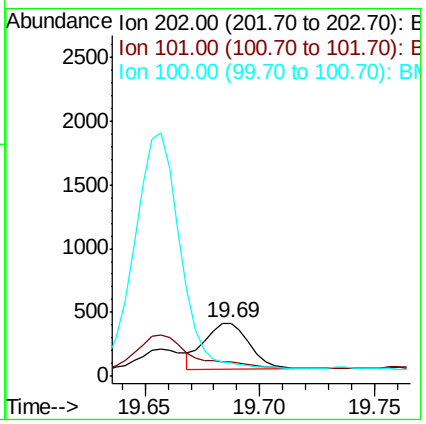
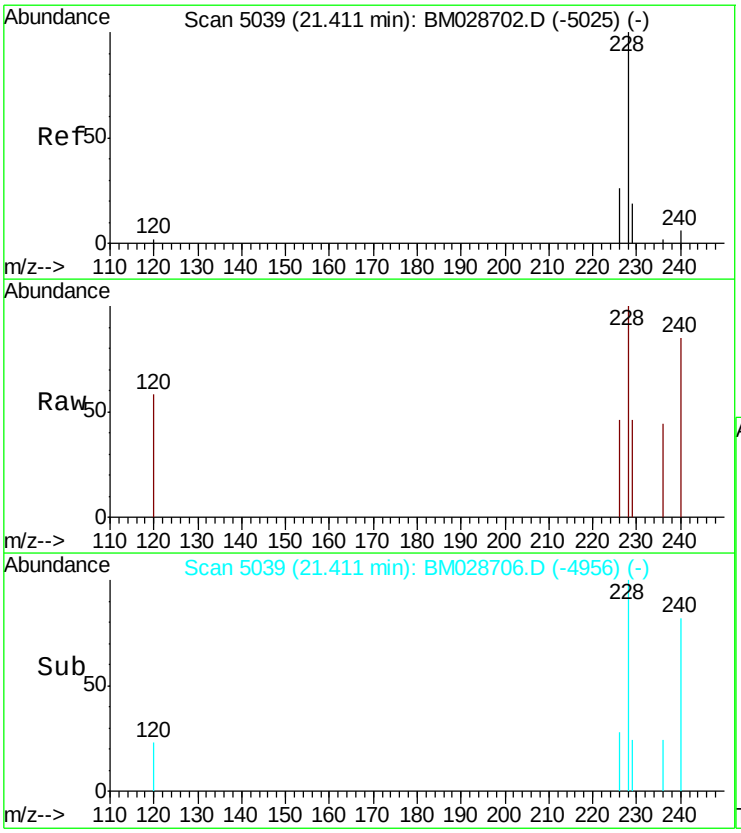
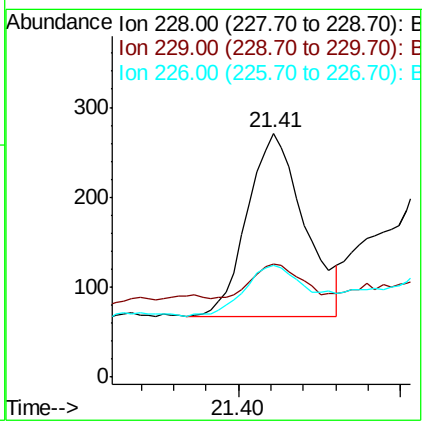


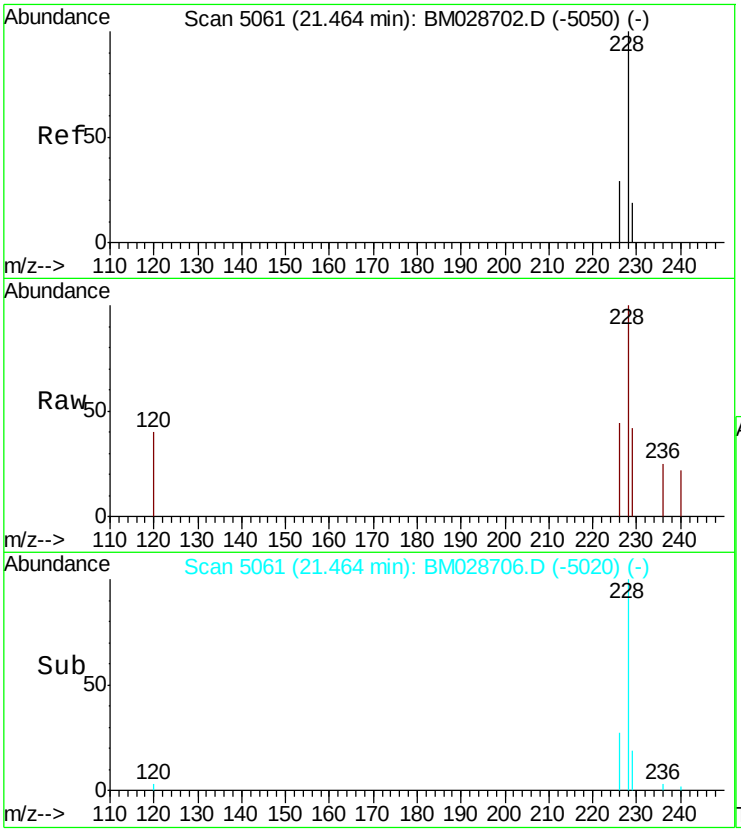


#18
Benzo(a)anthracene
Concen: 0.043 ng/ul
RT: 21.41 min Scan# 5039
Delta R.T. 0.00 min
Lab File: BM028706.D
Acq: 10 Feb 2021 16:17

Tgt Ion:228 Resp: 247

Ion	Ratio	Lower	Upper
228	100		
229	46.5	18.9	28.3#
226	45.8	22.6	34.0#

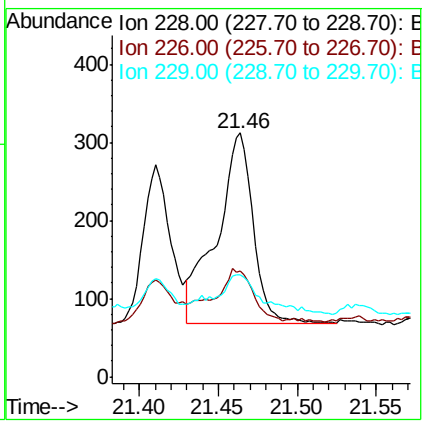




#19
Chrysene
Concen: 0.069 ng/ul
RT: 21.46 min Scan# 5061
Delta R.T. 0.00 min
Lab File: BM028706.D
Acq: 10 Feb 2021 16:17

Tgt Ion:228 Resp: 392

Ion	Ratio	Lower	Upper
228	100		
226	43.6	24.6	37.0#
229	41.7	18.8	28.2#



Instrument :
BNA_M
ClientSampleId :
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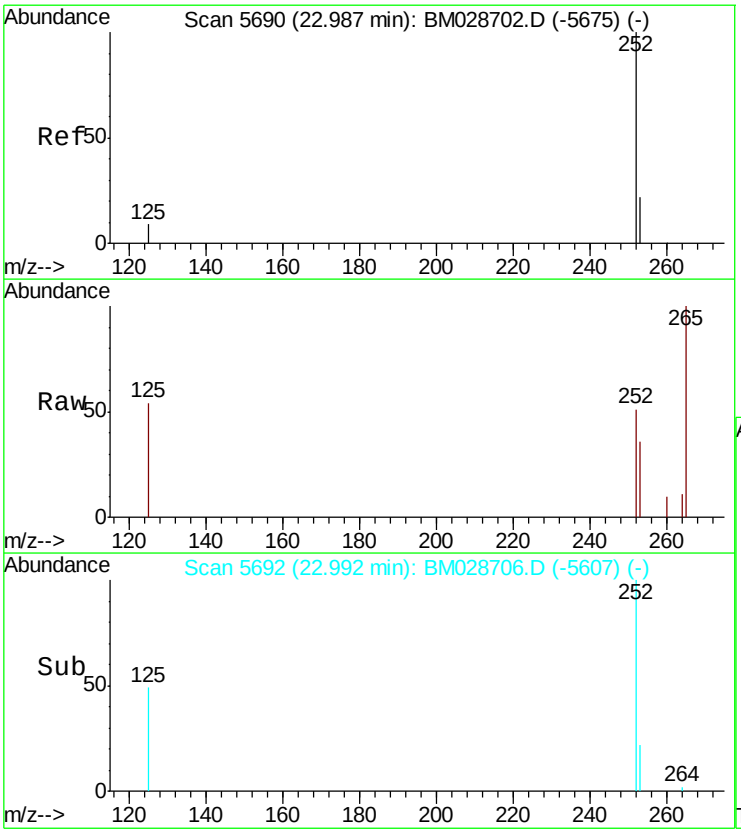
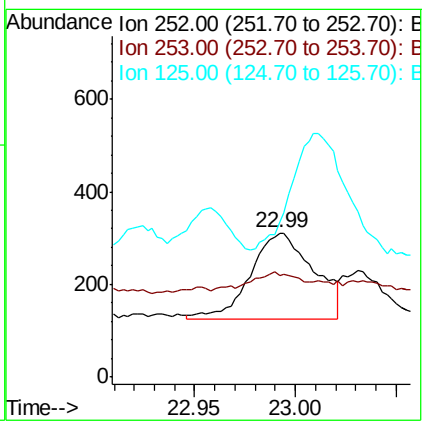
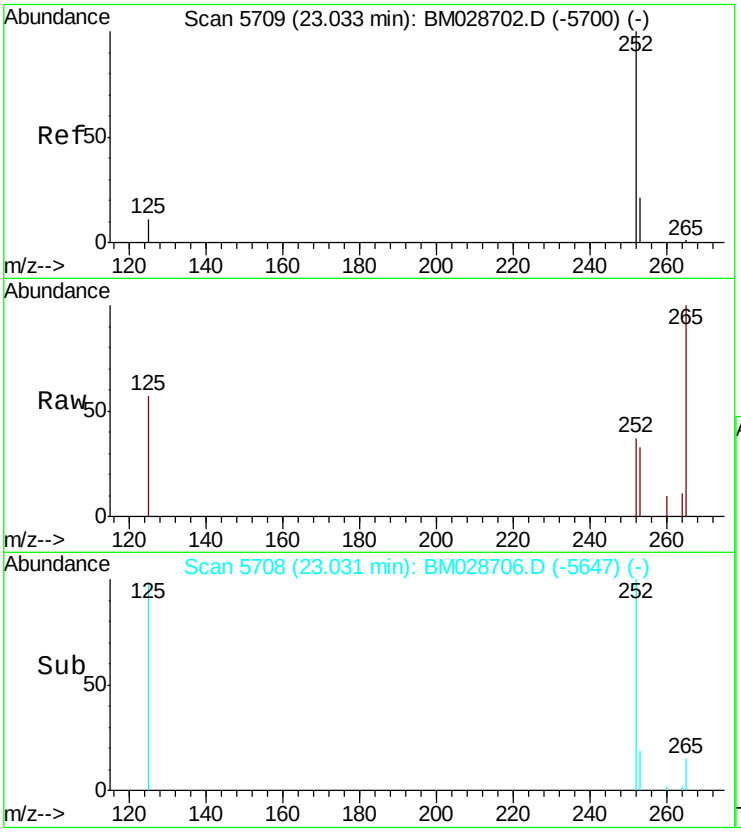


#21
Benzo(b)fluoranthene
Concen: 0.071 ng/ul m
RT: 22.99 min Scan# 5692
Delta R.T. 0.00 min
Lab File: BM028706.D
Acq: 10 Feb 2021 16:17

Tgt Ion:252 Resp: 404

Ion	Ratio	Lower	Upper
252	100		
253	70.7	0.0	67.0#
125	107.7	0.0	57.4#

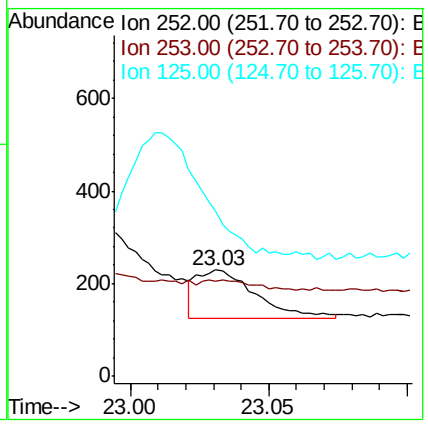




#22
Benzo(k)fluoranthene
Concen: 0.027 ng/ul m
RT: 23.03 min Scan# 5708
Delta R.T. -0.00 min
Lab File: BM028706.D
Acq: 10 Feb 2021 16:17

Tgt Ion:252 Resp: 155

Ion	Ratio	Lower	Upper
252	100		
253	89.5	26.3	39.5#
125	155.5	22.9	34.3#



Instrument :
BNA_M
ClientSampleId :
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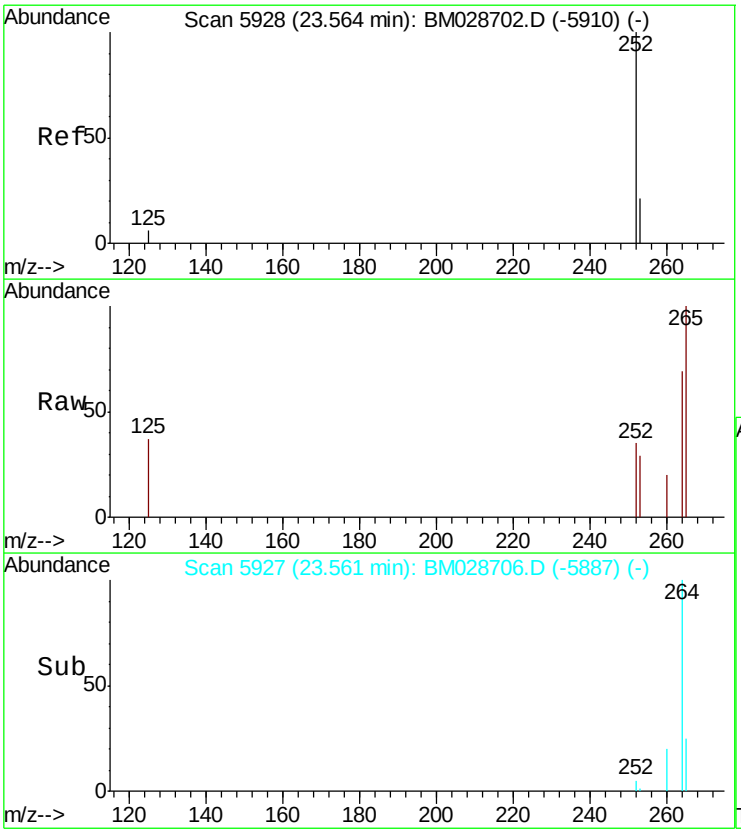
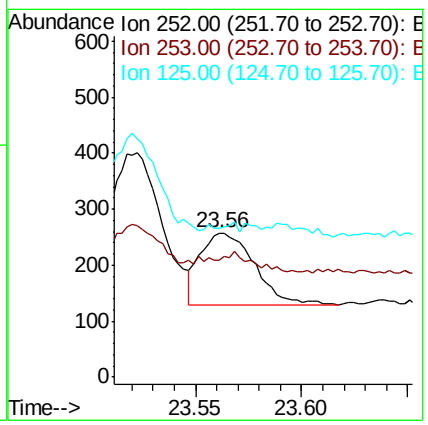
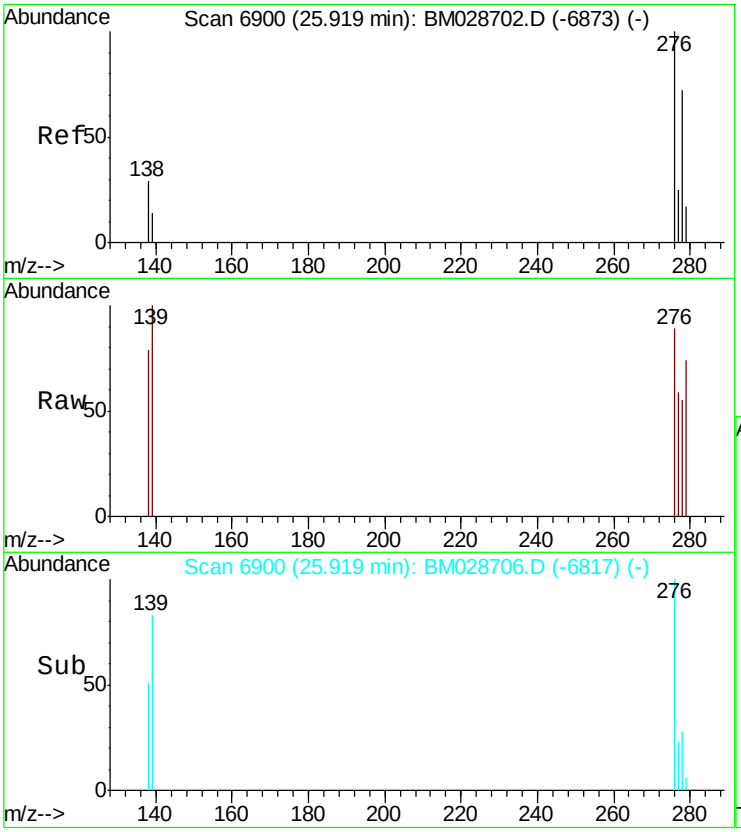


#23
Benzo(a)pyrene
Concen: 0.045 ng/ul
RT: 23.56 min Scan# 5927
Delta R.T. -0.00 min
Lab File: BM028706.D
Acq: 10 Feb 2021 16:17

Tgt Ion:252 Resp: 231

Ion	Ratio	Lower	Upper
252	100		
253	81.7	28.7	43.1#
125	103.9	27.9	41.9#





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.028 ng/ul
RT: 25.92 min Scan# 6900
Delta R.T. 0.00 min
Lab File: BM028706.D
Acq: 10 Feb 2021 16:17

Tgt Ion:276 Resp: 185

Ion	Ratio	Lower	Upper
276	100		
138	75.7	0.0	0.0#
227	0.0	0.0	0.0

Instrument :
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ClientSampleId :
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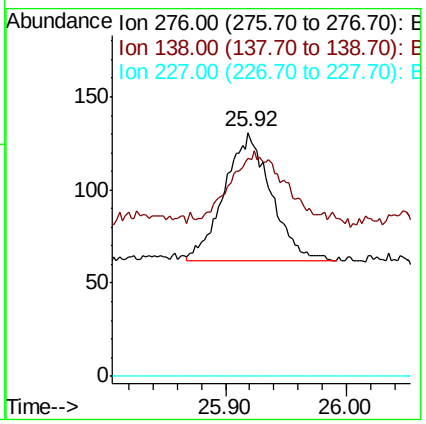

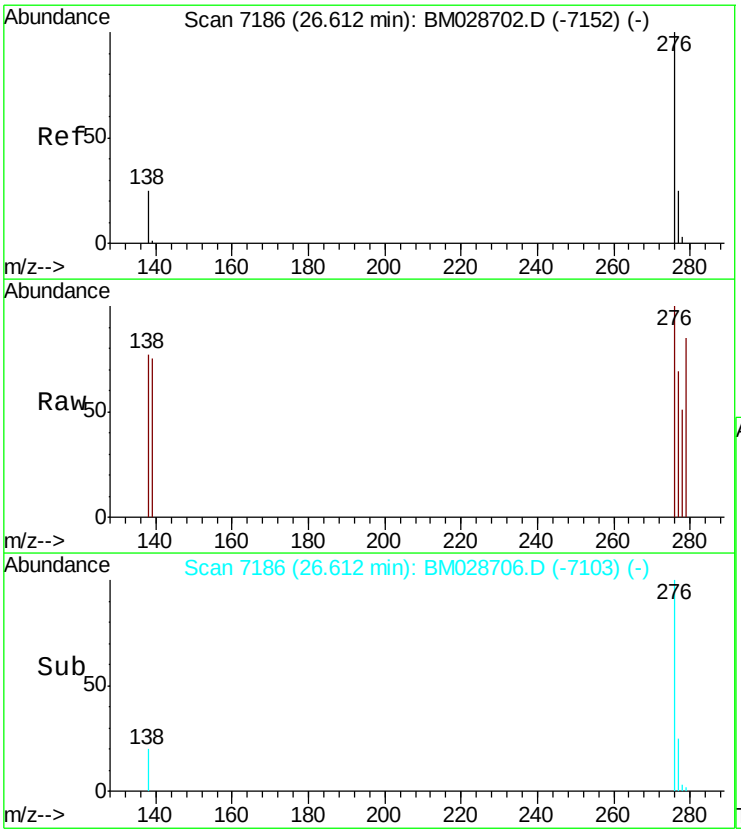

#26
Benzo(g,h,i)perylene
Concen: 0.033 ng/ul
RT: 26.61 min Scan# 7186
Delta R.T. 0.00 min
Lab File: BM028706.D
Acq: 10 Feb 2021 16:17

Tgt Ion:276 Resp: 182

Ion	Ratio	Lower	Upper
276	100		
138	77.2	25.4	38.2#
277	69.1	25.3	37.9#