Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031220\
Data File : BM025537.D
Acq On : 13 Mar 2020 00:02
Operator : CG/JU
Sample : L1782-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Mar 13 05:30:56 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 09 13:32:56 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0AA7

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	3454	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	14978	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.28	164	10483	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.03	188	21935m	0.40	ng/ul	0.00
16) Chrysene-d12	21.21	240	17162	0.40	ng/ul	0.00
20) Perylene-d12	23.40	264	18637	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	9011	0.33	ng/ul	-0.01
14) Fluoranthene-d10	19.06	212	22908	0.38	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.47	128	22094	0.498	ng/ul	98
5) 2-Methylnaphthalene	12.09	142	2749	0.087	ng/ul	99
8) Acenaphthene	14.34	153	9338	0.249	ng/ul	98
9) Fluorene	15.33	166	9443	0.206	ng/ul	99
12) Phenanthrene	17.07	178	9210	0.132	ng/ul	98
13) Anthracene	17.16	178	2511	0.042	ng/ul#	89
15) Fluoranthene	19.09	202	7936	0.105	ng/ul	95
17) Pyrene	19.45	202	5244	0.068	ng/ul#	90
18) Benzo(a)anthracene	21.20	228	1479	0.024	ng/ul#	85
19) Chrysene	21.25	228	1440	0.021	ng/ul#	84

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

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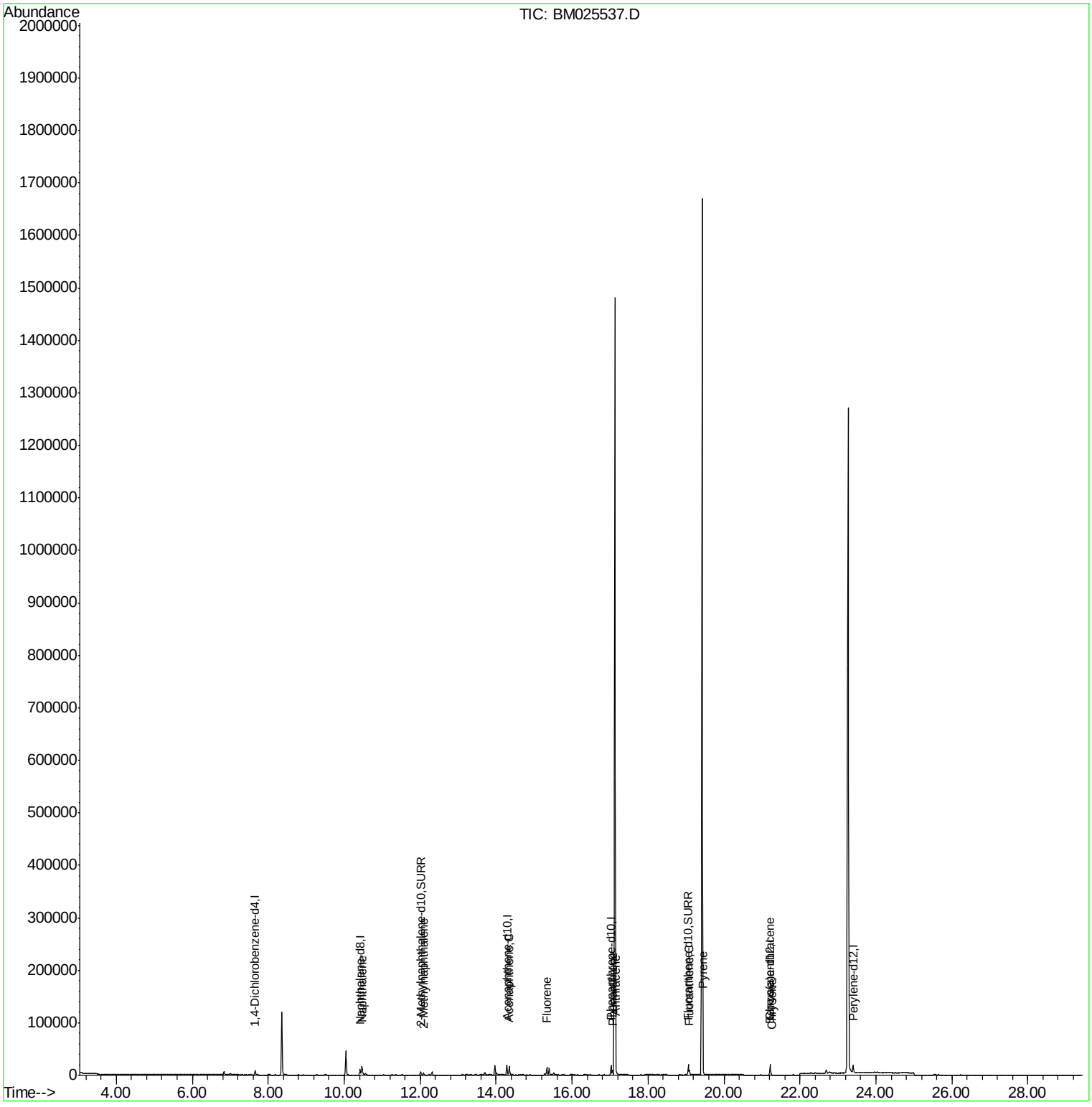
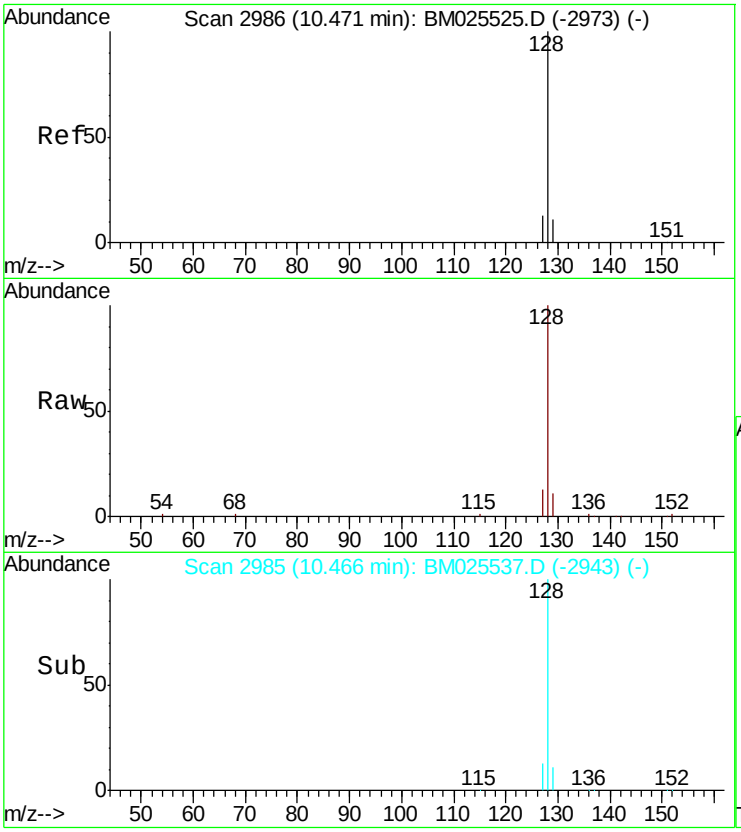
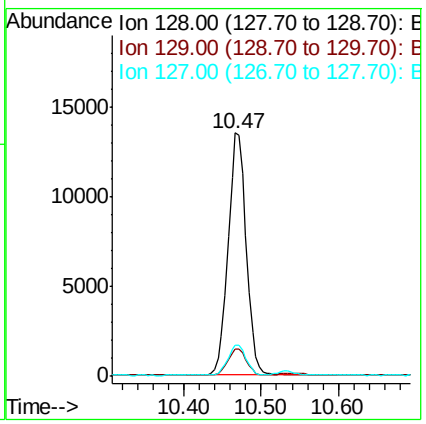




#3
Naphthalene
Concen: 0.498 ng/ul
RT: 10.47 min Scan# 2985
Delta R.T. -0.01 min
Lab File: BM025537.D
Acq: 13 Mar 2020 00:02

Tgt Ion:128 Resp: 22094

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.4	14.0
127	13.0	10.9	16.3



Instrument :
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ClientSampleId :
C0AA7

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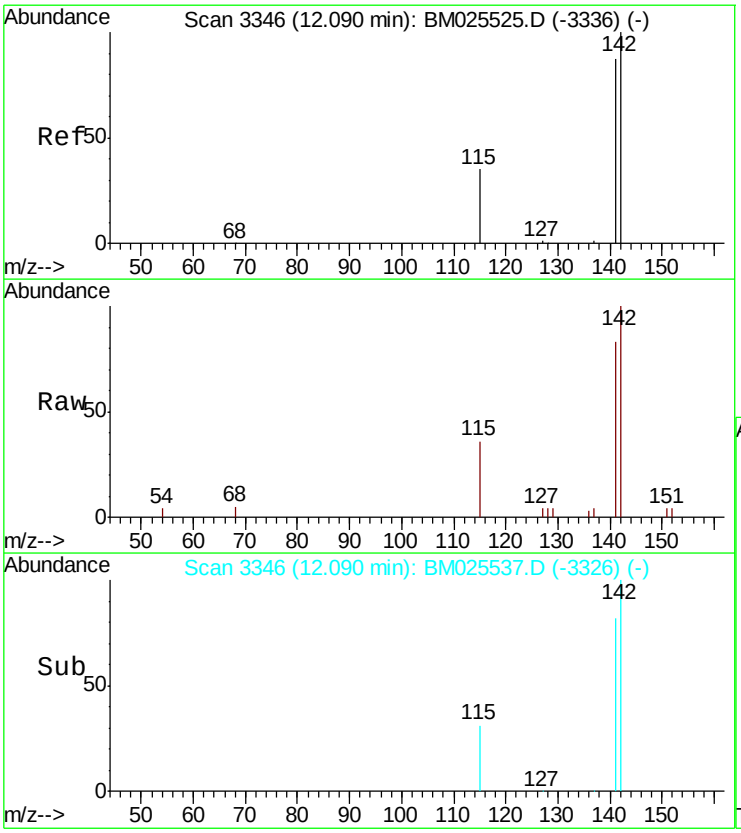
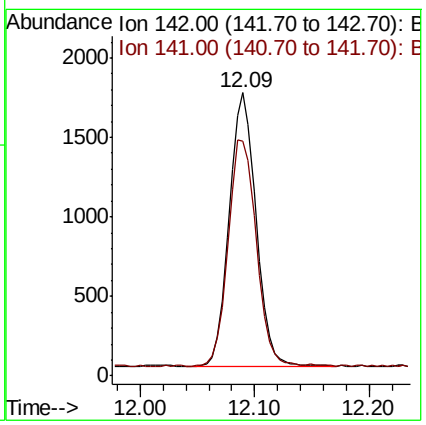
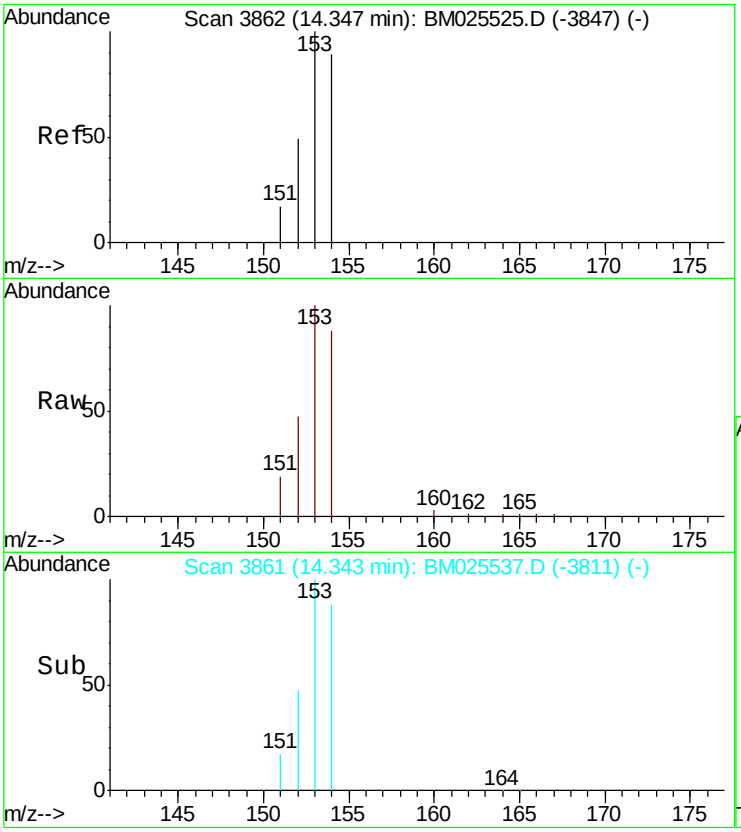


#5
2-Methylnaphthalene
Concen: 0.087 ng/ul
RT: 12.09 min Scan# 3346
Delta R.T. -0.01 min
Lab File: BM025537.D
Acq: 13 Mar 2020 00:02

Tgt Ion:142 Resp: 2749

Ion	Ratio	Lower	Upper
142	100		
141	86.0	69.8	104.6

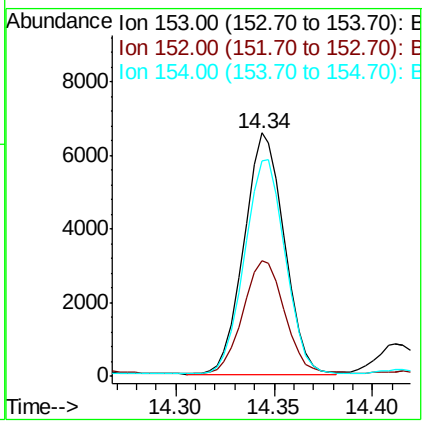




#8
Acenaphthene
Concen: 0.249 ng/ul
RT: 14.34 min Scan# 3861
Delta R.T. -0.01 min
Lab File: BM025537.D
Acq: 13 Mar 2020 00:02

Tgt Ion:153 Resp: 9338

Ion	Ratio	Lower	Upper
153	100		
152	47.4	39.5	59.3
154	88.2	71.7	107.5



Instrument :
BNA_M
ClientSampleId :
C0AA7

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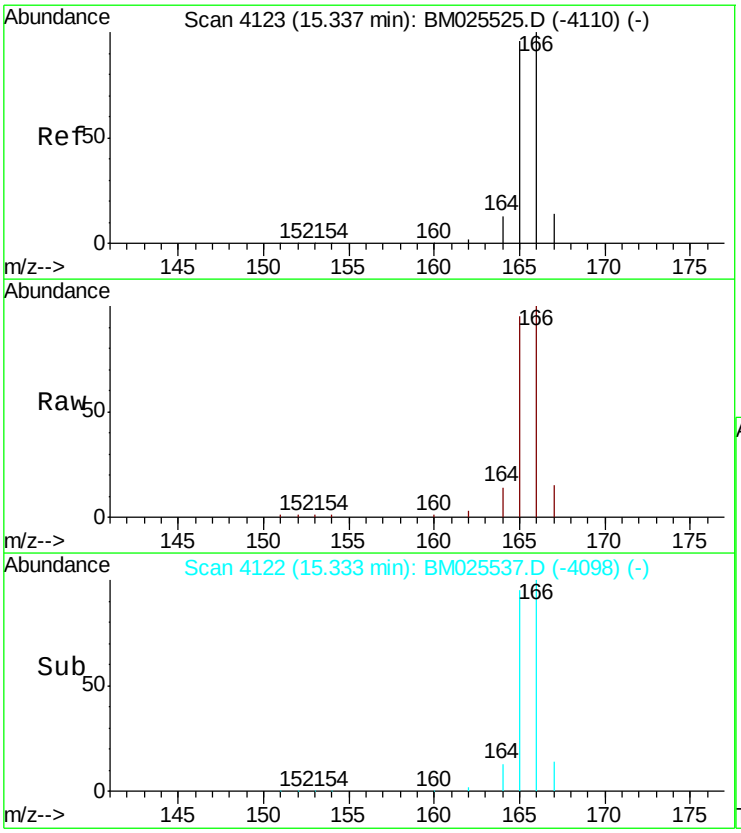
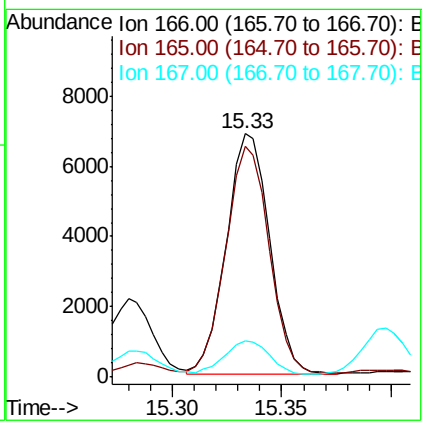
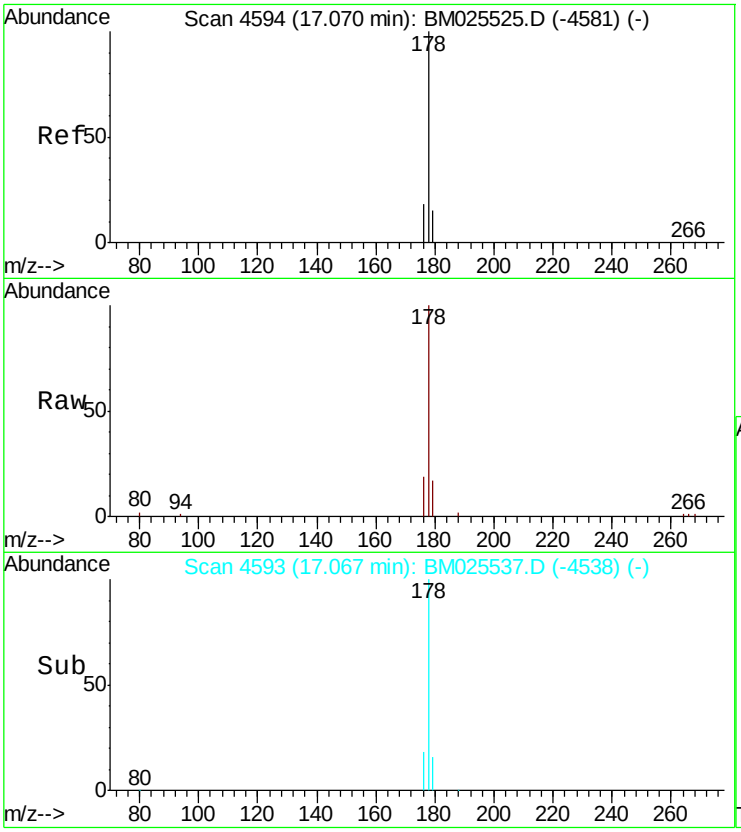


#9
Fluorene
Concen: 0.206 ng/ul
RT: 15.33 min Scan# 4122
Delta R.T. -0.01 min
Lab File: BM025537.D
Acq: 13 Mar 2020 00:02

Tgt Ion:166 Resp: 9443

Ion	Ratio	Lower	Upper
166	100		
165	94.9	76.8	115.2
167	15.0	11.2	16.8





#12
Phenanthrene
Concen: 0.132 ng/ul
RT: 17.07 min Scan# 4593
Delta R.T. -0.01 min
Lab File: BM025537.D
Acq: 13 Mar 2020 00:02

Tgt Ion:178 Resp: 9210

Ion	Ratio	Lower	Upper
178	100		
179	16.9	12.4	18.6
176	19.0	14.8	22.2

Instrument :
BNA_M
ClientSampleId :
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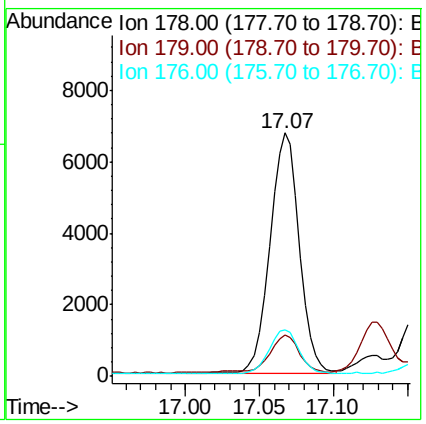
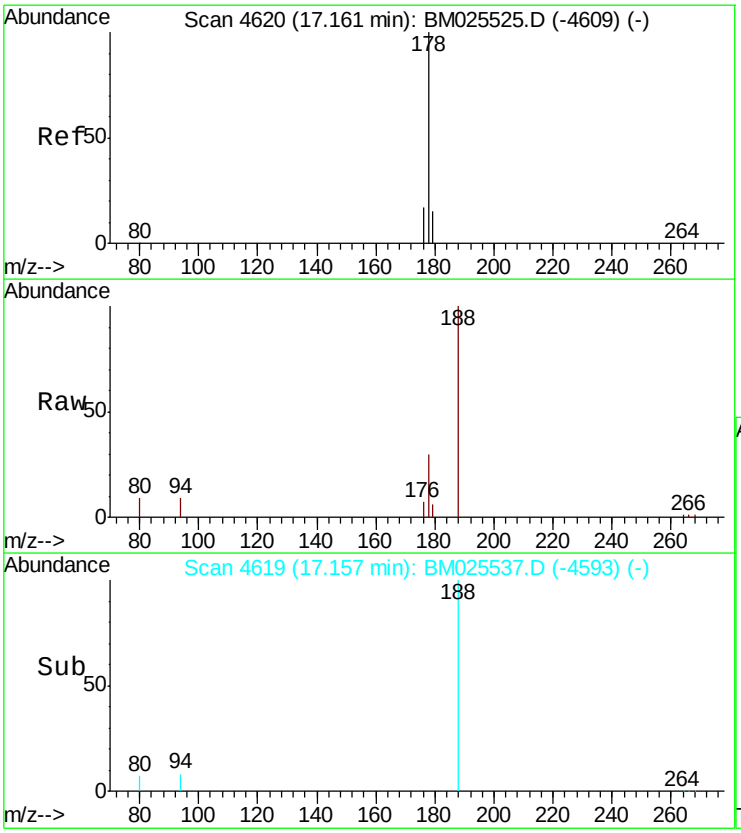
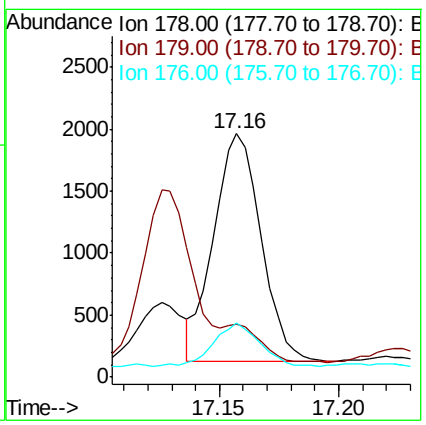


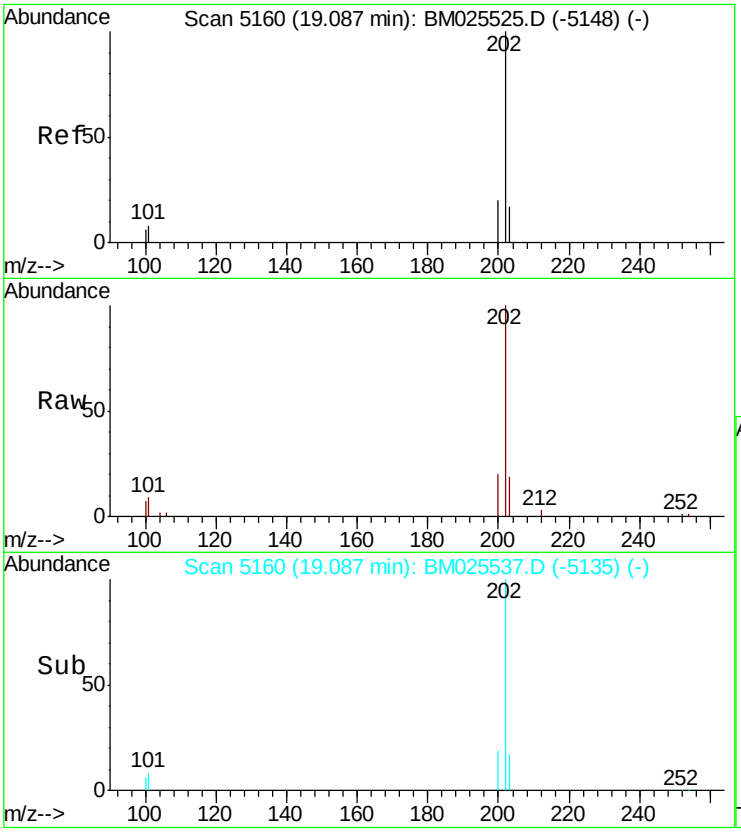


#13
Anthracene
Concen: 0.042 ng/ul
RT: 17.16 min Scan# 4619
Delta R.T. -0.01 min
Lab File: BM025537.D
Acq: 13 Mar 2020 00:02

Tgt Ion:178 Resp: 2511

Ion	Ratio	Lower	Upper
178	100		
179	21.5	12.6	18.8#
176	22.1	14.5	21.7#

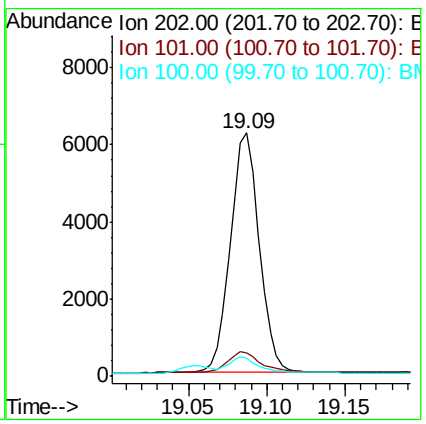




#15
Fluoranthene
Concen: 0.105 ng/ul
RT: 19.09 min Scan# 5160
Delta R.T. -0.01 min
Lab File: BM025537.D
Acq: 13 Mar 2020 00:02

Tgt Ion:202 Resp: 7936

Ion	Ratio	Lower	Upper
202	100		
101	9.4	0.0	27.5
100	7.5	0.0	26.0



Instrument :
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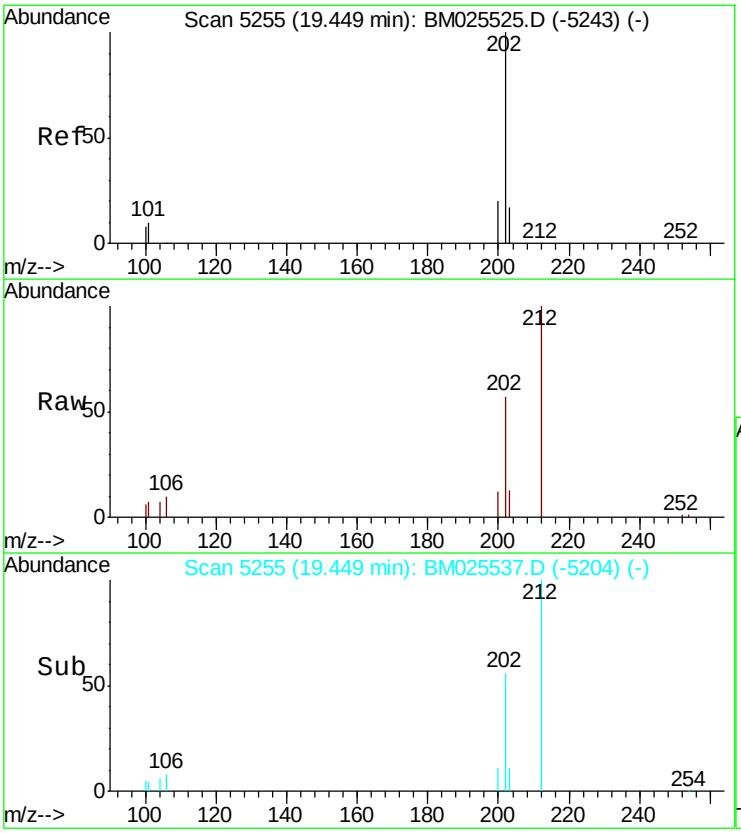
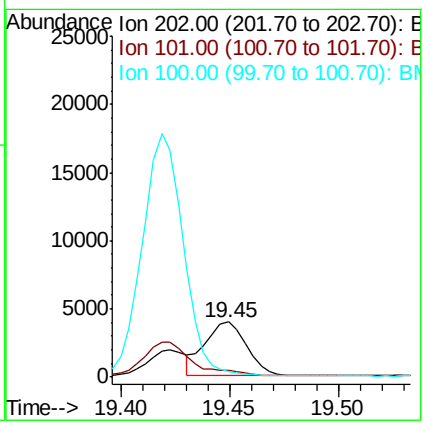
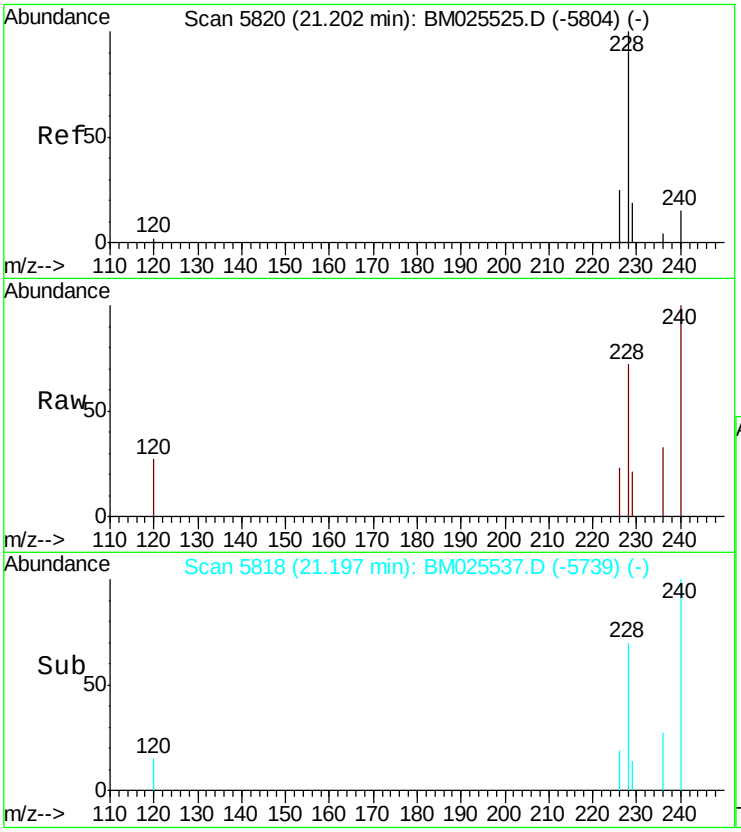


#17
Pyrene
Concen: 0.068 ng/ul
RT: 19.45 min Scan# 5255
Delta R.T. -0.01 min
Lab File: BM025537.D
Acq: 13 Mar 2020 00:02

Tgt Ion:202 Resp: 5244

Ion	Ratio	Lower	Upper
202	100		
101	12.6	7.1	10.7#
100	10.7	6.0	9.0#





#18
Benzo(a)anthracene
Concen: 0.024 ng/ul
RT: 21.20 min Scan# 5818
Delta R.T. -0.01 min
Lab File: BM025537.D
Acq: 13 Mar 2020 00:02

Instrument :
BNA_M
ClientSampleId :
C0AA7

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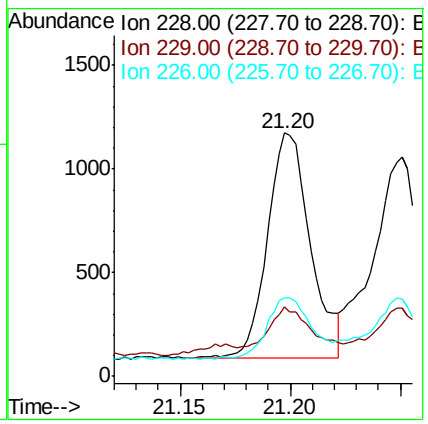
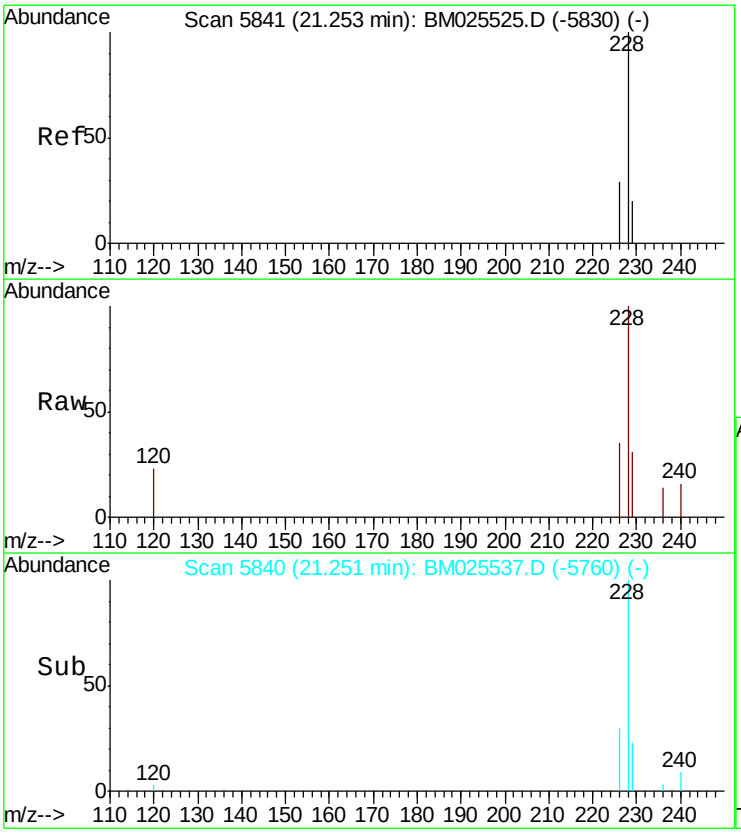
Tgt Ion:228 Resp: 1479

Ion	Ratio	Lower	Upper
228	100		
229	28.7	15.6	23.4#
226	32.3	21.1	31.7#





#19
Chrysene
Concen: 0.021 ng/ul
RT: 21.25 min Scan# 5840
Delta R.T. -0.01 min
Lab File: BM025537.D
Acq: 13 Mar 2020 00:02

Tgt Ion:228 Resp: 1440

Ion	Ratio	Lower	Upper
228	100		
226	35.4	23.6	35.4
229	31.2	16.3	24.5#