Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080219\
Data File : BM021772.D
Acq On : 03 Aug 2019 00:38
Operator : HP/JU
Sample : MDL-W-03
Misc : 0.07PPM
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MDL-W-03

Manual Integrations APPROVED
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8/5/2019 8:34:49 AM

Quant Time: Aug 03 06:39:50 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 03 05:33:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	655	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	3307	0.40	ng/ul	0.06
6) Acenaphthene-d10	14.34	164	1591	0.40	ng/ul	0.02
10) Phenanthrene-d10	17.10	188	2803	0.40	ng/ul	0.03
16) Chrysene-d12	21.28	240	1892	0.40	ng/ul	0.01
20) Perylene-d12	23.50	264	1864	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.12	152	1489	0.34	ng/ul	0.06
14) Fluoranthene-d10	19.11	212	2271	0.35	ng/ul	0.01
Target Compounds						Qvalue
3) Naphthalene	10.57	128	510	0.055	ng/ul#	32
5) 2-Methylnaphthalene	12.21	142	315	0.059	ng/ul	100
7) Acenaphthylene	14.07	152	387	0.048	ng/ul#	49
8) Acenaphthene	14.40	153	362	0.053	ng/ul#	91
9) Fluorene	15.43	166	344	0.049	ng/ul#	92
11) Pentachlorophenol	16.81	266	15m	0.038	ng/ul	
12) Phenanthrene	17.14	178	510	0.054	ng/ul#	58
13) Anthracene	17.25	178	336	0.047	ng/ul#	55
15) Fluoranthene	19.15	202	551	0.059	ng/ul	65
17) Pyrene	19.52	202	568	0.068	ng/ul#	68
18) Benzo(a)anthracene	21.28	228	342	0.060	ng/ul#	71
19) Chrysene	21.32	228	654	0.069	ng/ul#	86
21) Benzo(b)fluoranthene	22.84	252	616	0.074	ng/ul#	23
22) Benzo(k)fluoranthene	22.89	252	377m	0.043	ng/ul	
23) Benzo(a)pyrene	23.43	252	406	0.062	ng/ul#	2
24) Indeno(1,2,3-cd)pyrene	25.79	276	341	0.045	ng/ul#	33
25) Dibenzo(a,h)anthracene	25.82	278	251	0.043	ng/ul#	1
26) Benzo(g,h,i)perylene	26.45	276	361	0.050	ng/ul#	44

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

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Misc : 0.07PPM
ALS Vial : 13 Sample Multiplier: 1

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BNA_M
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MDL-W-03

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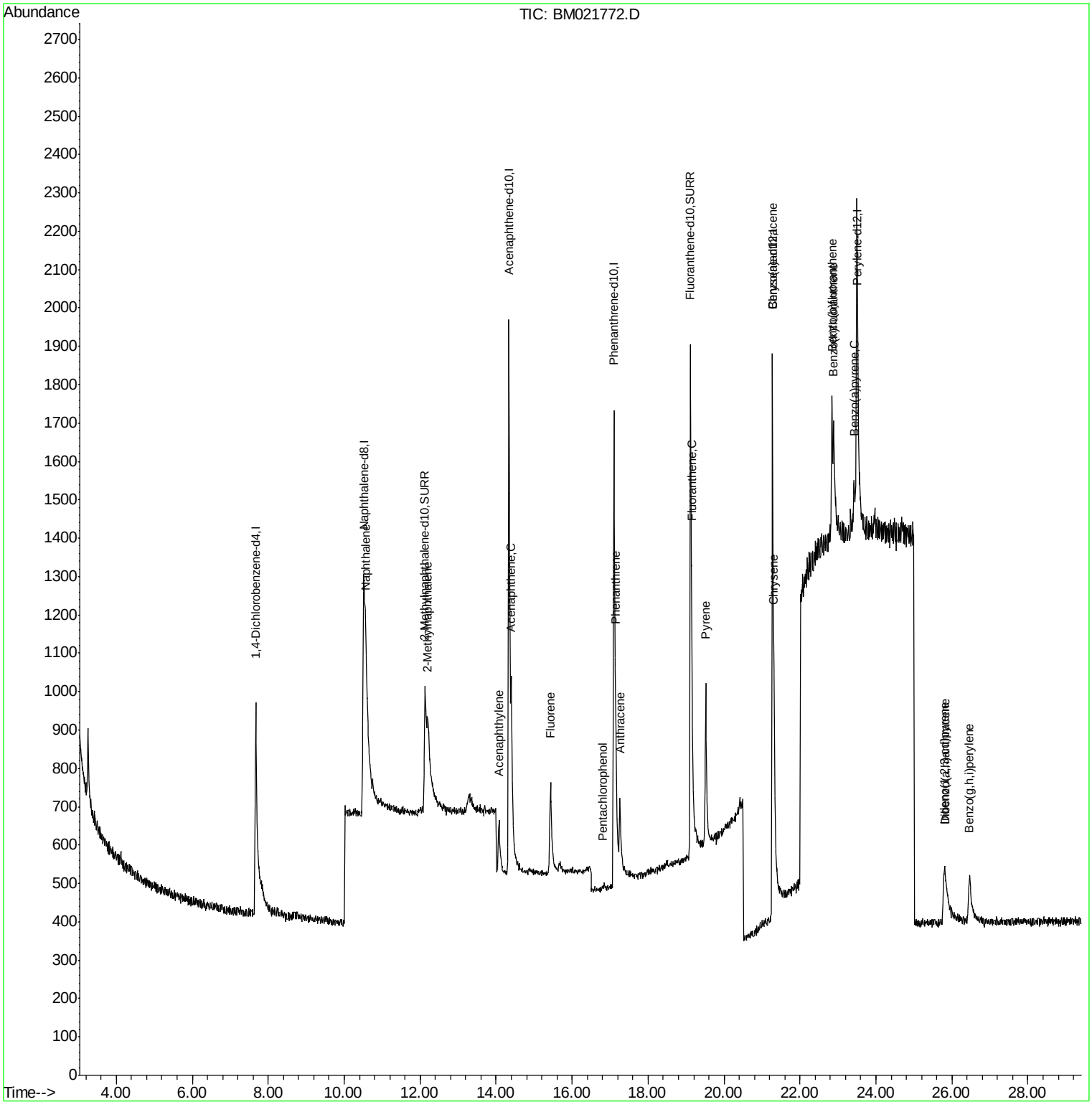
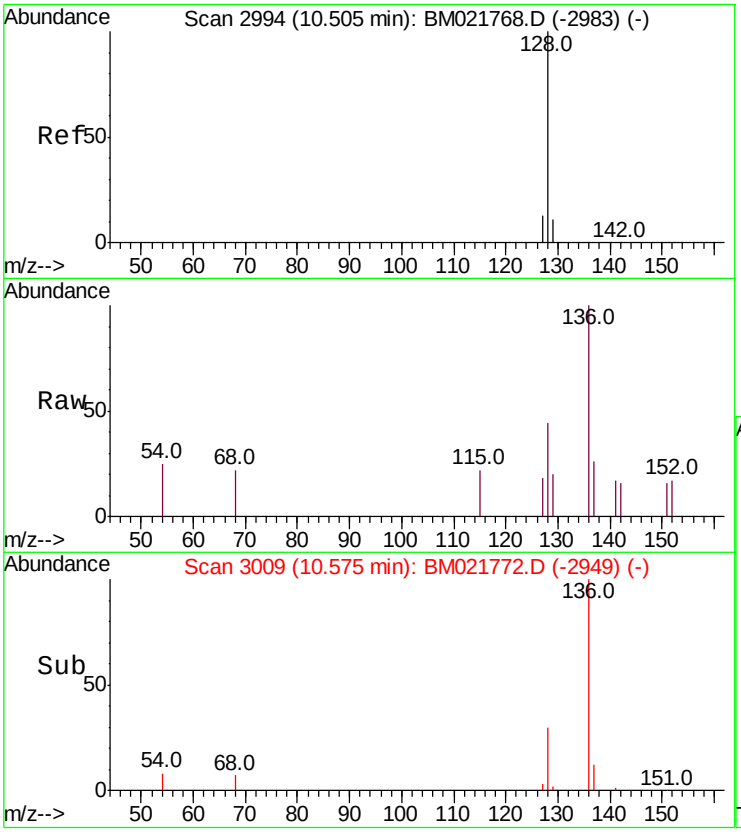
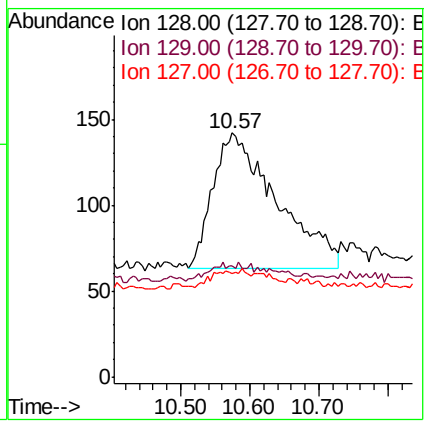




#3
Naphthalene
Concen: 0.055 ng/ul
RT: 10.57 min Scan# 3009
Delta R.T. 0.07 min
Lab File: BM021772.D
Acq: 03 Aug 2019 00:38

Tgt Ion:128 Resp: 510

Ion	Ratio	Lower	Upper
128	100		
129	45.8	11.5	17.3#
127	42.3	13.1	19.7#



Instrument :
BNA_M
ClientSampleId :
MDL-W-03

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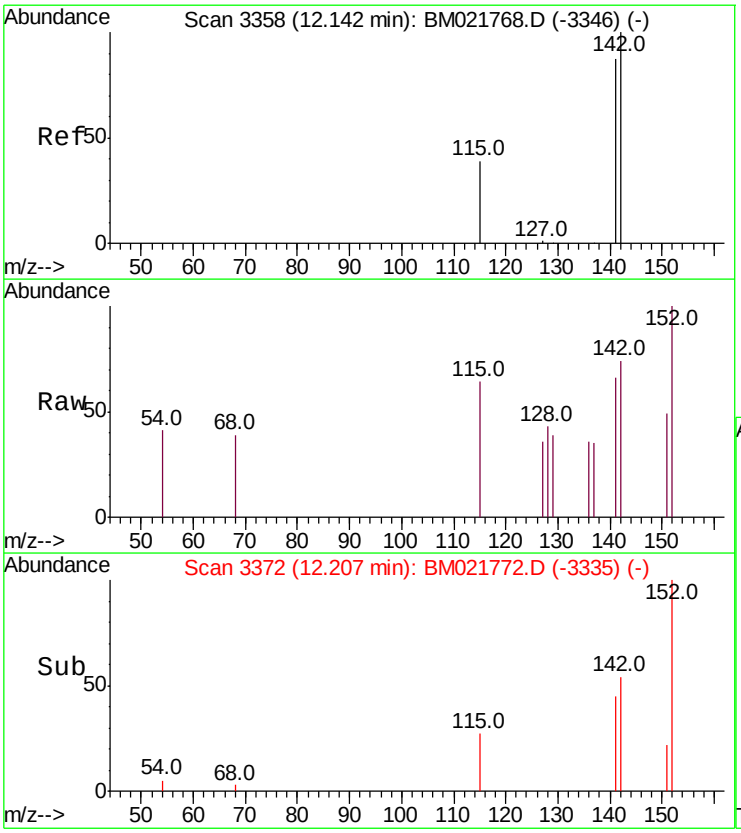
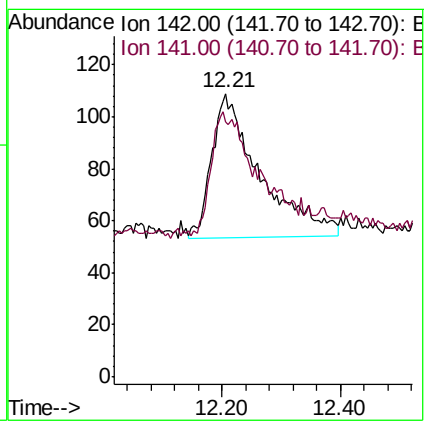
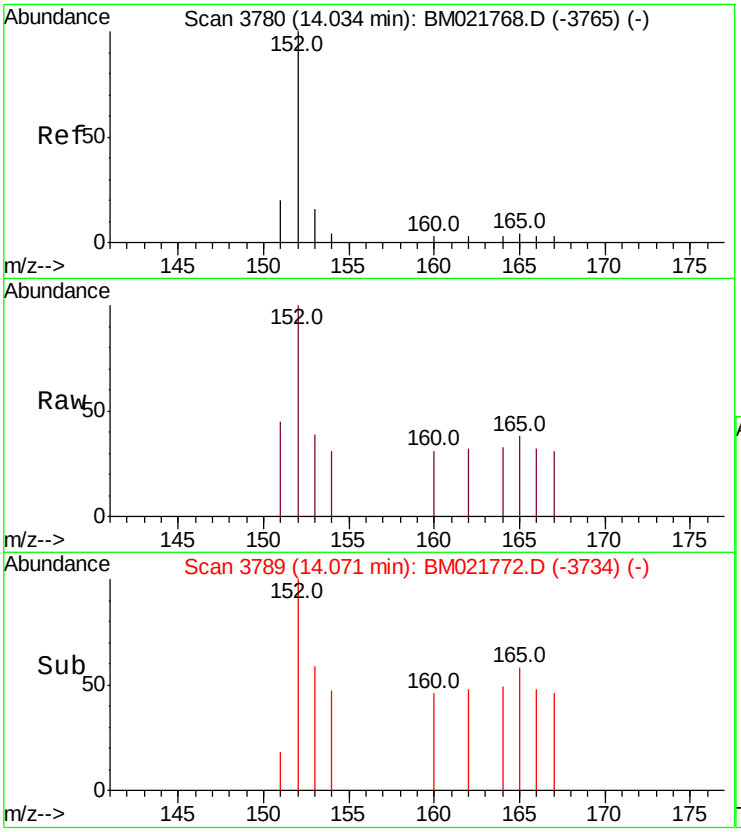


#5
2-Methylnaphthalene
Concen: 0.059 ng/ul
RT: 12.21 min Scan# 3372
Delta R.T. 0.07 min
Lab File: BM021772.D
Acq: 03 Aug 2019 00:38

Tgt Ion:142 Resp: 315

Ion	Ratio	Lower	Upper
142	100		
141	89.8	72.0	108.0





#7
Acenaphthylene
Concen: 0.048 ng/ul
RT: 14.07 min Scan# 3789
Delta R.T. 0.04 min
Lab File: BM021772.D
Acq: 03 Aug 2019 00:38

Tgt Ion:152 Resp: 387

Ion	Ratio	Lower	Upper
152	100		
151	45.0	17.8	26.6#
153	39.4	12.6	18.8#

Instrument :
BNA_M
ClientSampleId :
MDL-W-03

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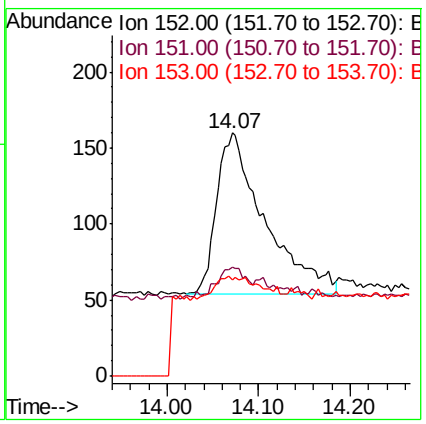
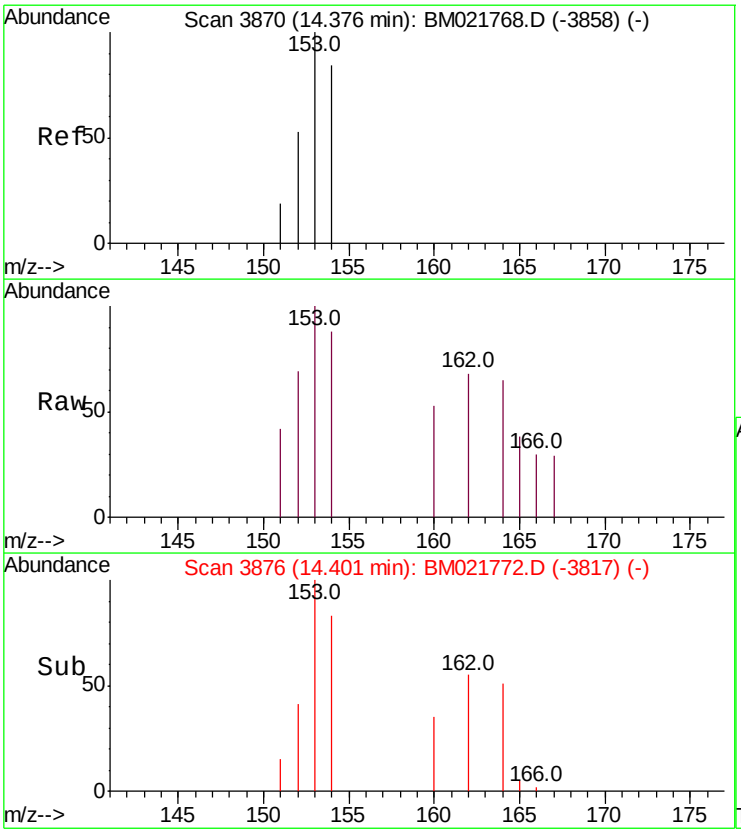
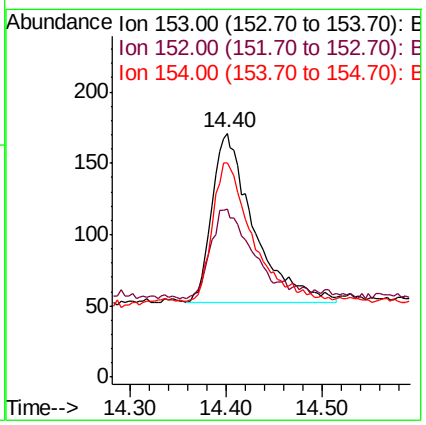


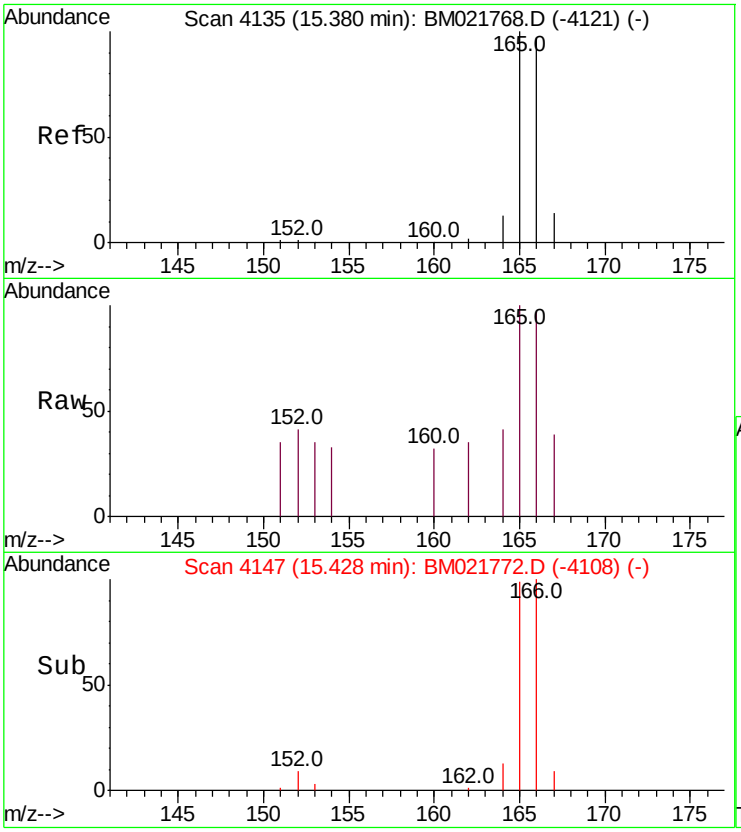


#8
Acenaphthene
Concen: 0.053 ng/ul
RT: 14.40 min Scan# 3876
Delta R.T. 0.02 min
Lab File: BM021772.D
Acq: 03 Aug 2019 00:38

Tgt Ion:153 Resp: 362

Ion	Ratio	Lower	Upper
153	100		
152	69.0	44.0	66.0#
154	87.7	68.0	102.0





#9
Fluorene
Concen: 0.049 ng/ul
RT: 15.43 min Scan# 4147
Delta R.T. 0.05 min
Lab File: BM021772.D
Acq: 03 Aug 2019 00:38

Tgt Ion:166 Resp: 344

Ion	Ratio	Lower	Upper
166	100		
165	103.4	83.0	124.4
167	40.5	13.4	20.2#

Instrument :
BNA_M
ClientSampleId :
MDL-W-03

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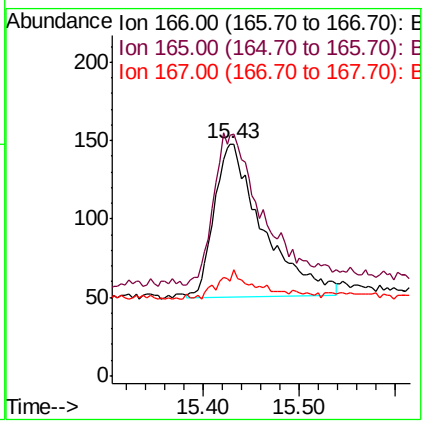
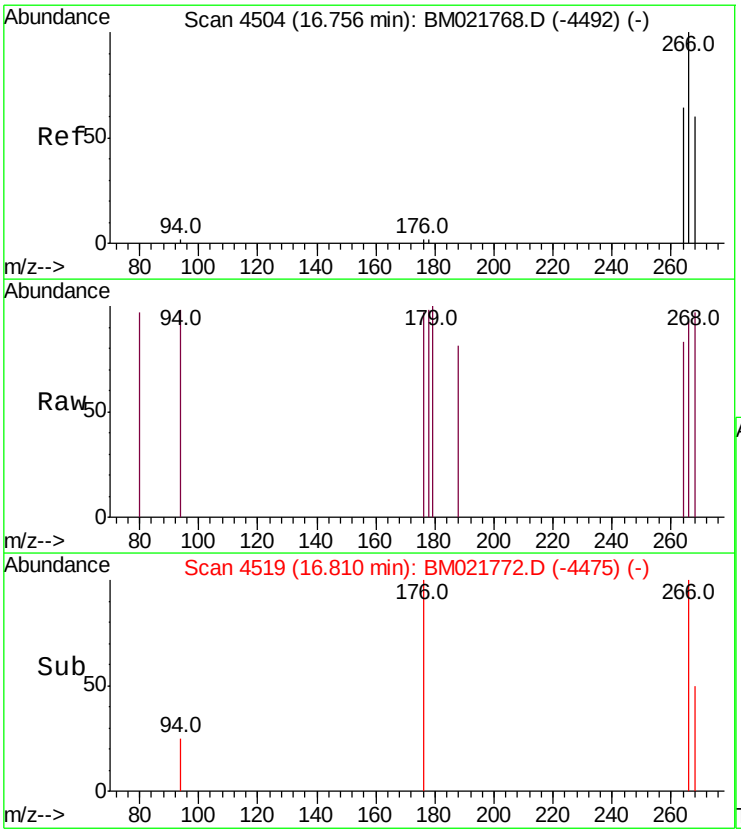
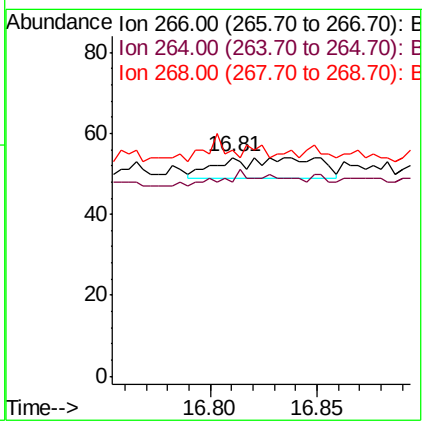


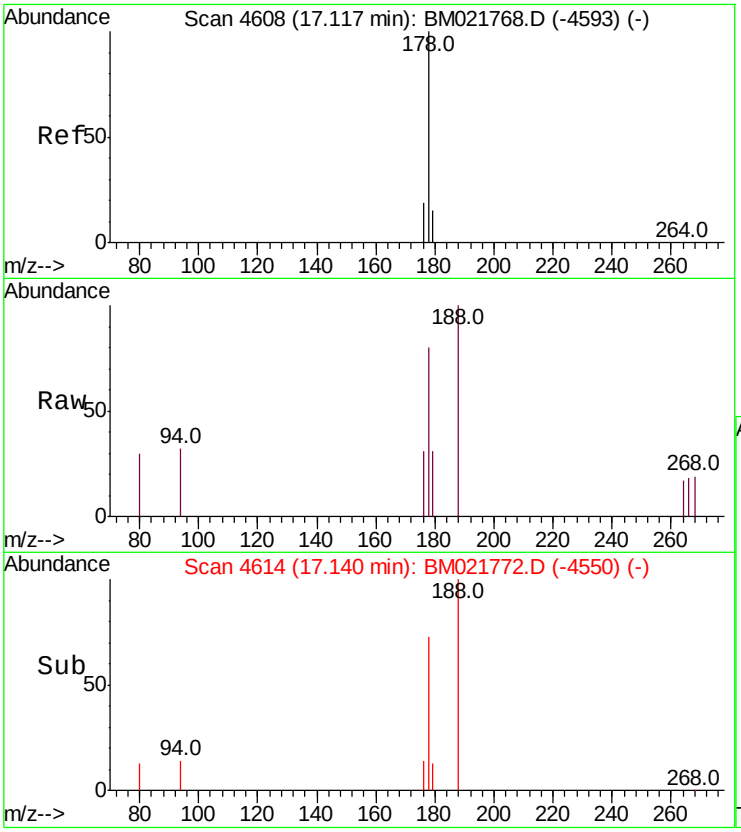


#11
Pentachlorophenol
Concen: 0.038 ng/ul m
RT: 16.81 min Scan# 4519
Delta R.T. 0.05 min
Lab File: BM021772.D
Acq: 03 Aug 2019 00:38

Tgt Ion:266 Resp: 15

Ion	Ratio	Lower	Upper
266	100		
264	0.0	50.9	76.3#
268	0.0	45.4	68.2#





#12
Phenanthrene
Concen: 0.054 ng/ul
RT: 17.14 min Scan# 4614
Delta R.T. 0.02 min
Lab File: BM021772.D
Acq: 03 Aug 2019 00:38

Tgt Ion:178 Resp: 510

Ion	Ratio	Lower	Upper
178	100		
179	39.0	14.0	21.0#
176	38.2	17.0	25.6#

Instrument :
BNA_M
ClientSampleId :
MDL-W-03

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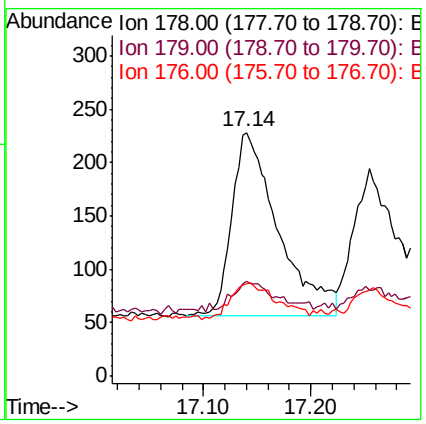
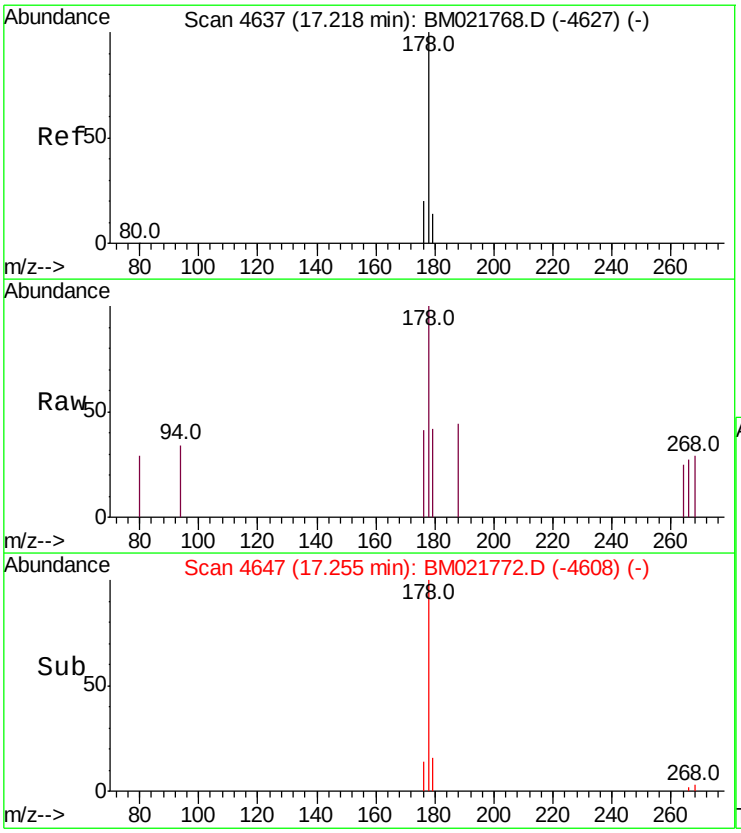
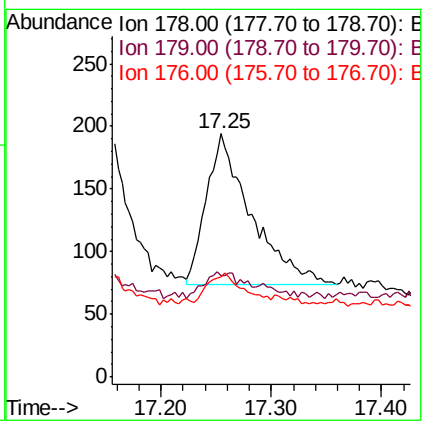


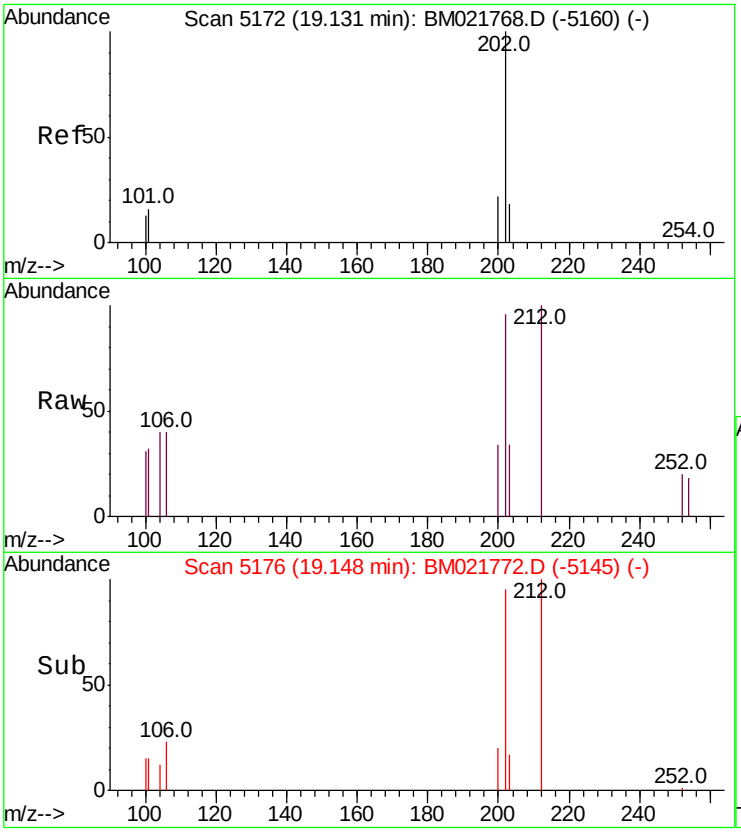


#13
Anthracene
Concen: 0.047 ng/ul
RT: 17.25 min Scan# 4647
Delta R.T. 0.04 min
Lab File: BM021772.D
Acq: 03 Aug 2019 00:38

Tgt Ion:178 Resp: 336

Ion	Ratio	Lower	Upper
178	100		
179	41.8	14.5	21.7#
176	41.2	18.1	27.1#





#15
Fluoranthene
Concen: 0.059 ng/ul
RT: 19.15 min Scan# 5176
Delta R.T. 0.02 min
Lab File: BM021772.D
Acq: 03 Aug 2019 00:38

Tgt Ion:202 Resp: 551

Ion	Ratio	Lower	Upper
202	100		
101	33.2	0.0	38.6
100	31.8	0.0	35.6

Instrument :
BNA_M
ClientSampleId :
MDL-W-03

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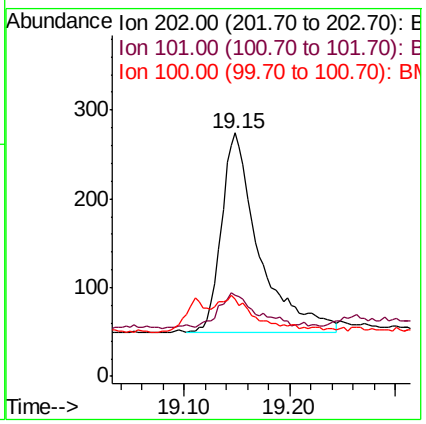
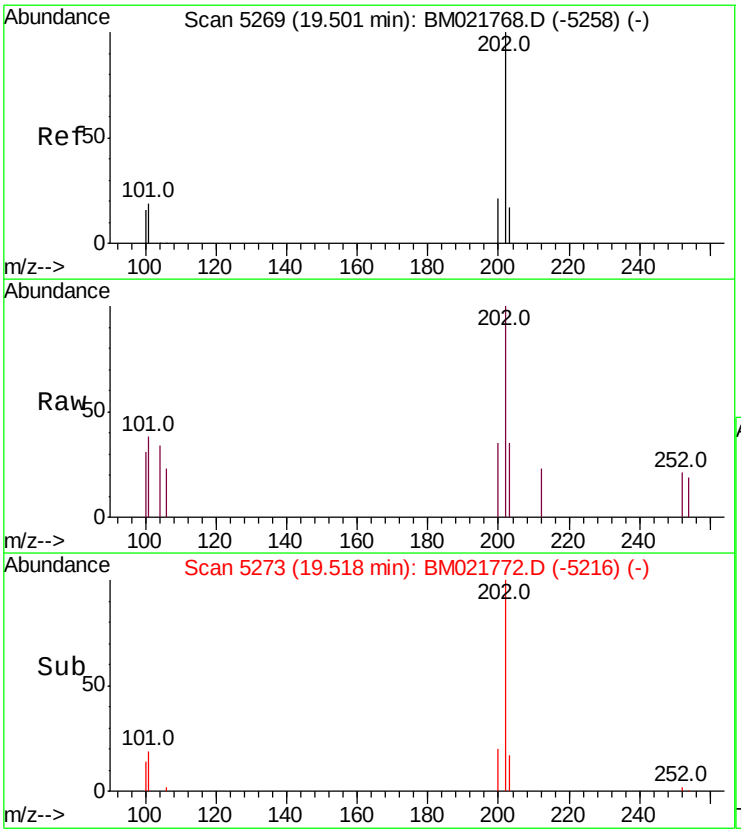
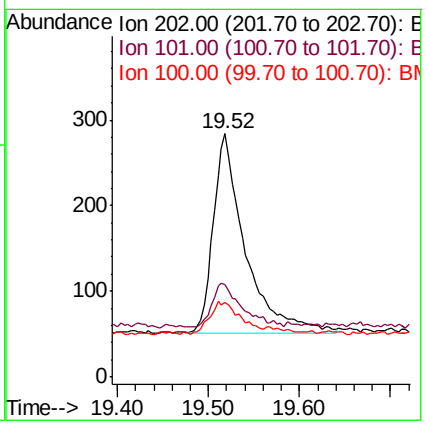


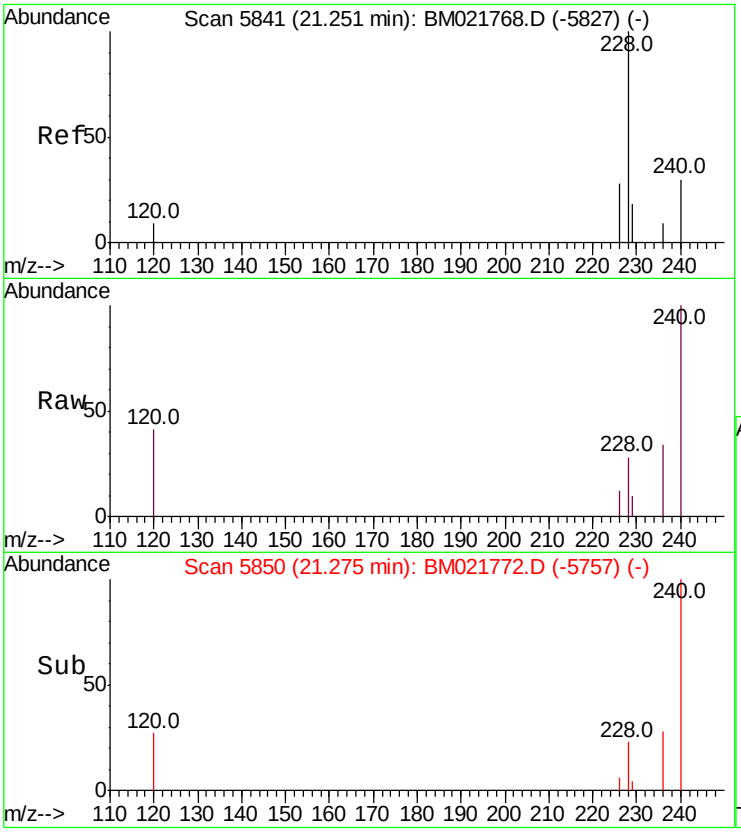


#17
Pyrene
Concen: 0.068 ng/ul
RT: 19.52 min Scan# 5273
Delta R.T. 0.02 min
Lab File: BM021772.D
Acq: 03 Aug 2019 00:38

Tgt Ion:202 Resp: 568

Ion	Ratio	Lower	Upper
202	100		
101	38.0	17.0	25.6#
100	30.6	14.3	21.5#





#18
Benzo(a)anthracene
Concen: 0.060 ng/ul
RT: 21.28 min Scan# 5850
Delta R.T. 0.02 min
Lab File: BM021772.D
Acq: 03 Aug 2019 00:38

Instrument :
BNA_M
ClientSampleId :
MDL-W-03

Manual Integrations APPROVED
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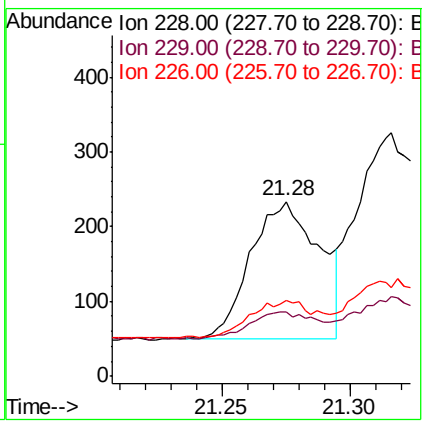
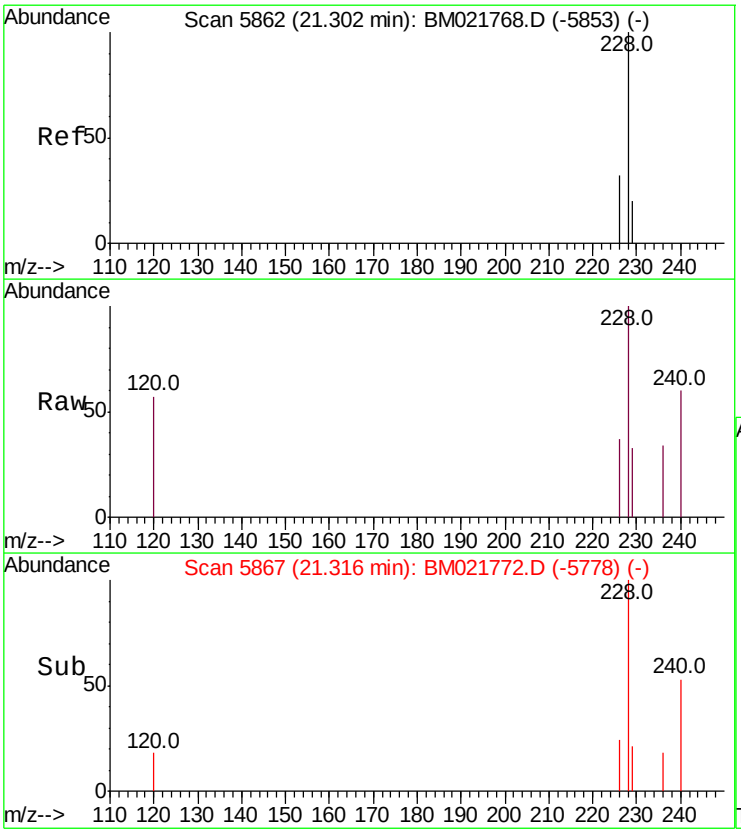
Tgt Ion:228 Resp: 342

Ion	Ratio	Lower	Upper
228	100		
229	36.8	16.6	24.8#
226	43.6	24.2	36.2#

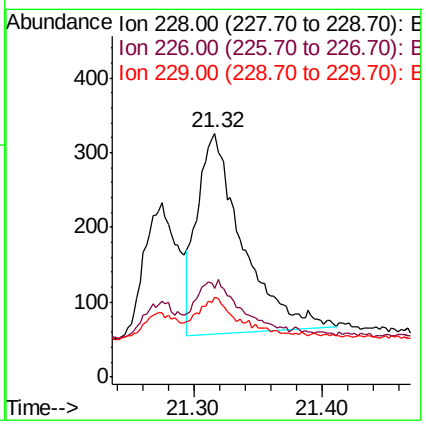


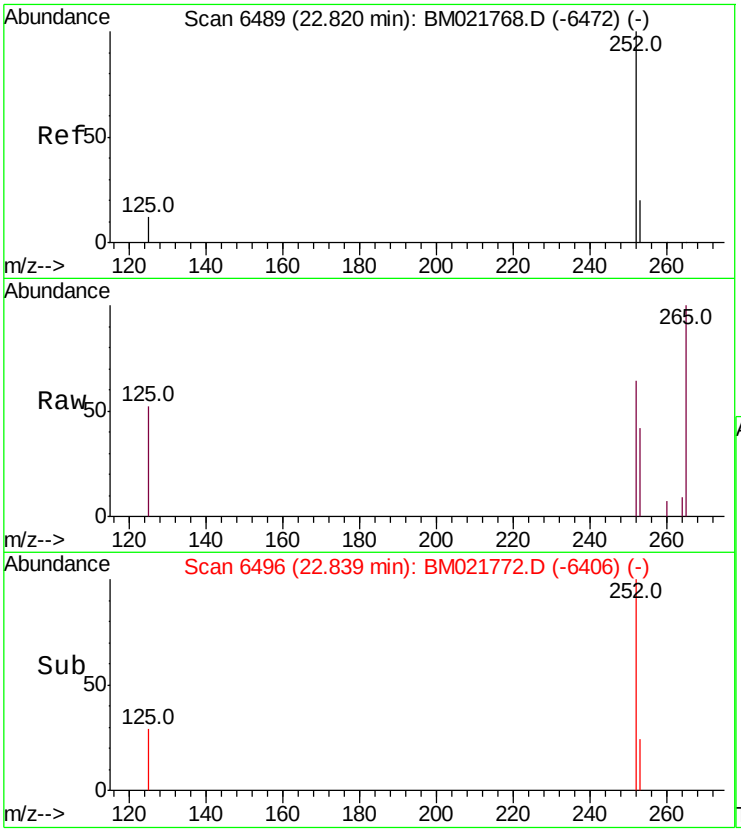


#19
Chrysene
Concen: 0.069 ng/ul
RT: 21.32 min Scan# 5867
Delta R.T. 0.01 min
Lab File: BM021772.D
Acq: 03 Aug 2019 00:38

Tgt Ion:228 Resp: 654

Ion	Ratio	Lower	Upper
228	100		
226	36.5	25.6	38.4
229	32.5	17.6	26.4#

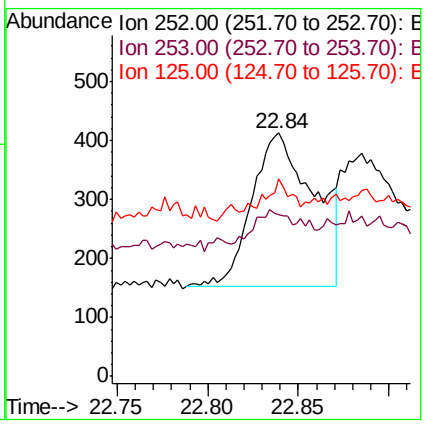




#21
Benzo(b)fluoranthene
Concen: 0.074 ng/ul
RT: 22.84 min Scan# 6496
Delta R.T. 0.02 min
Lab File: BM021772.D
Acq: 03 Aug 2019 00:38

Tgt Ion:252 Resp: 616

Ion	Ratio	Lower	Upper
252	100		
253	66.3	0.0	62.8#
125	81.1	0.0	62.2#



Instrument :
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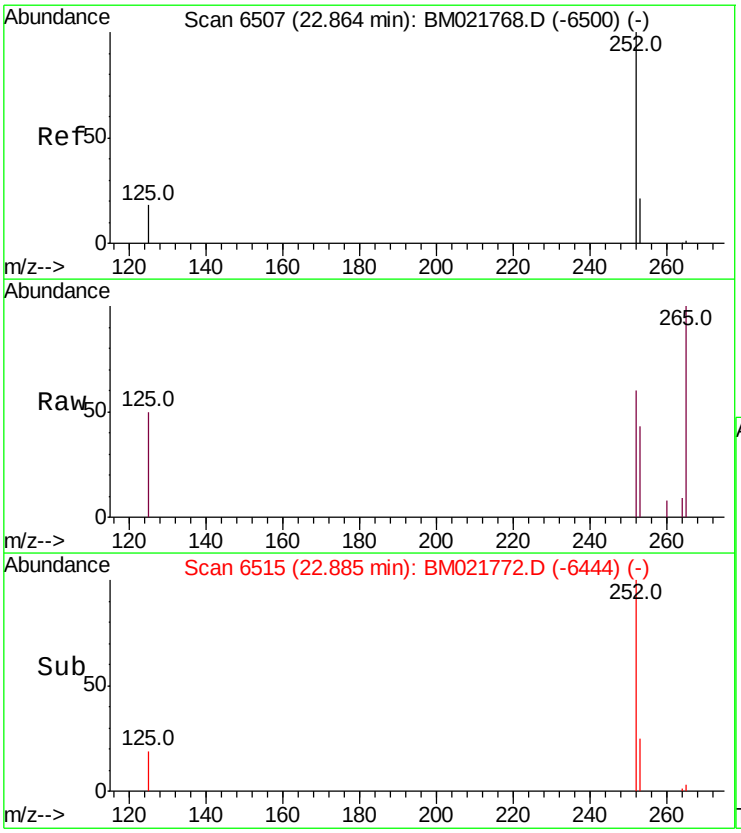
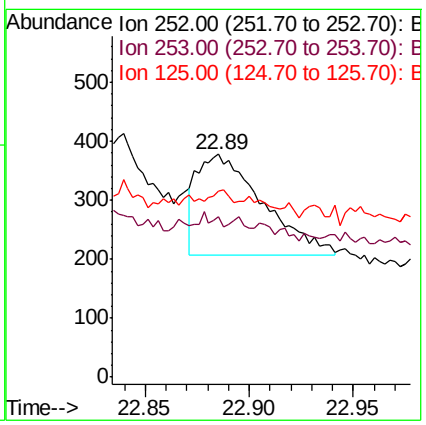
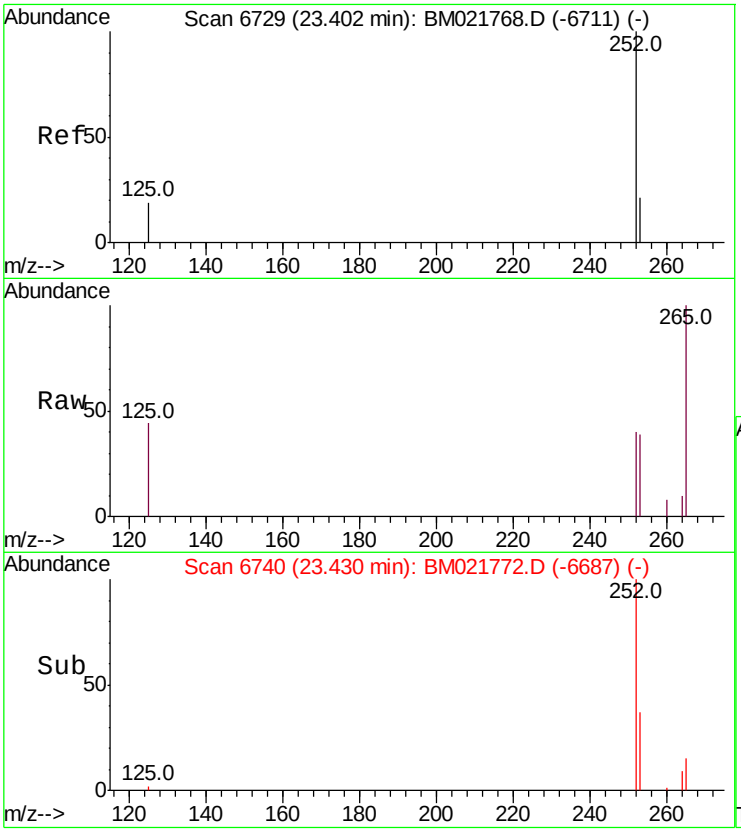


#22
Benzo(k)fluoranthene
Concen: 0.043 ng/ul m
RT: 22.89 min Scan# 6515
Delta R.T. 0.02 min
Lab File: BM021772.D
Acq: 03 Aug 2019 00:38

Tgt Ion:252 Resp: 377

Ion	Ratio	Lower	Upper
252	100		
253	72.0	25.8	38.8#
125	83.6	27.0	40.4#

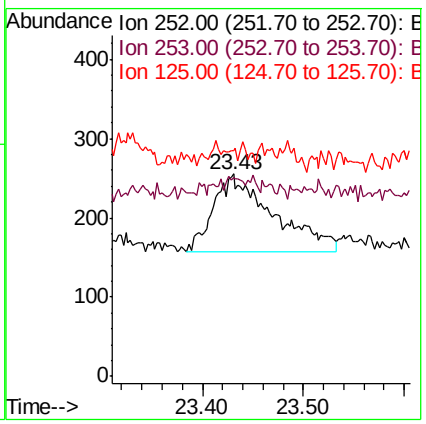




#23
Benzo(a)pyrene
Concen: 0.062 ng/ul
RT: 23.43 min Scan# 6740
Delta R.T. 0.03 min
Lab File: BM021772.D
Acq: 03 Aug 2019 00:38

Tgt Ion:252 Resp: 406

Ion	Ratio	Lower	Upper
252	100		
253	98.4	32.4	48.6#
125	111.8	35.9	53.9#



Instrument :
BNA_M
ClientSampleId :
MDL-W-03

Manual Integrations APPROVED
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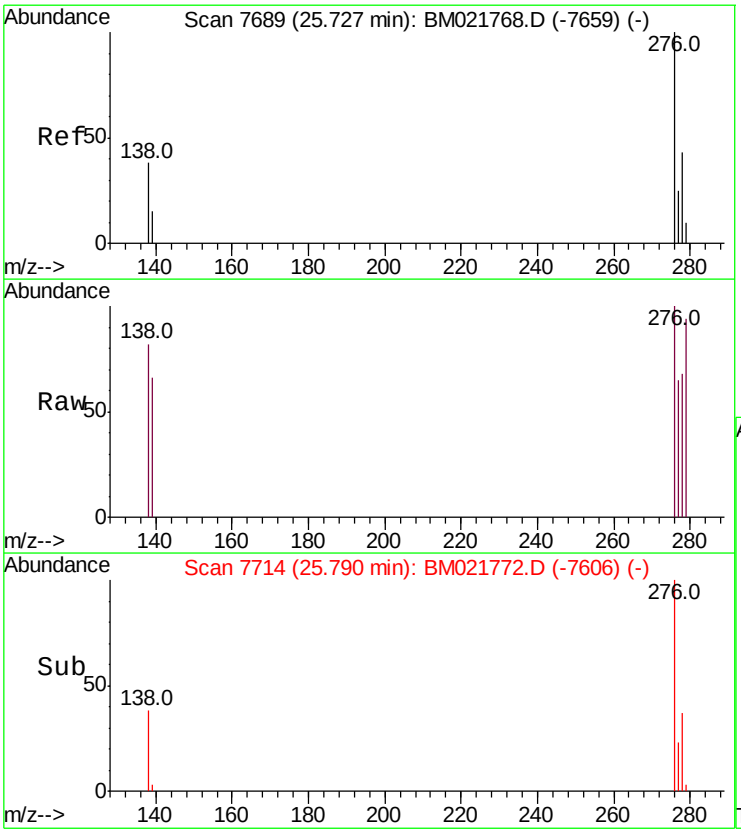
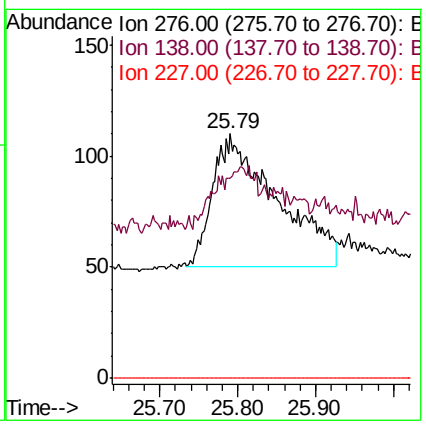
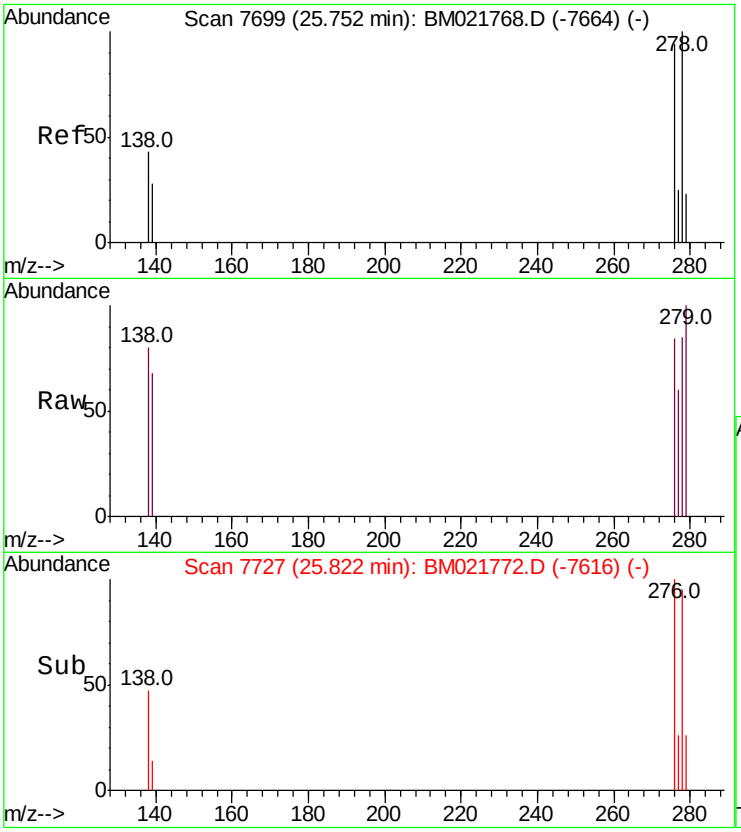


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.045 ng/ul
RT: 25.79 min Scan# 7714
Delta R.T. 0.06 min
Lab File: BM021772.D
Acq: 03 Aug 2019 00:38

Tgt Ion:276 Resp: 341

Ion	Ratio	Lower	Upper
276	100		
138	0.0	33.8	50.8#
227	0.0	0.0	0.0

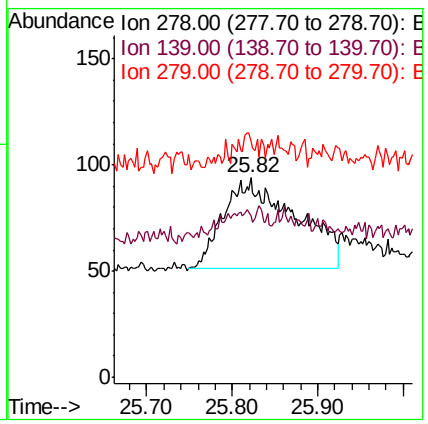




#25
Dibenzo(a,h)anthracene
Concen: 0.043 ng/ul
RT: 25.82 min Scan# 7727
Delta R.T. 0.07 min
Lab File: BM021772.D
Acq: 03 Aug 2019 00:38

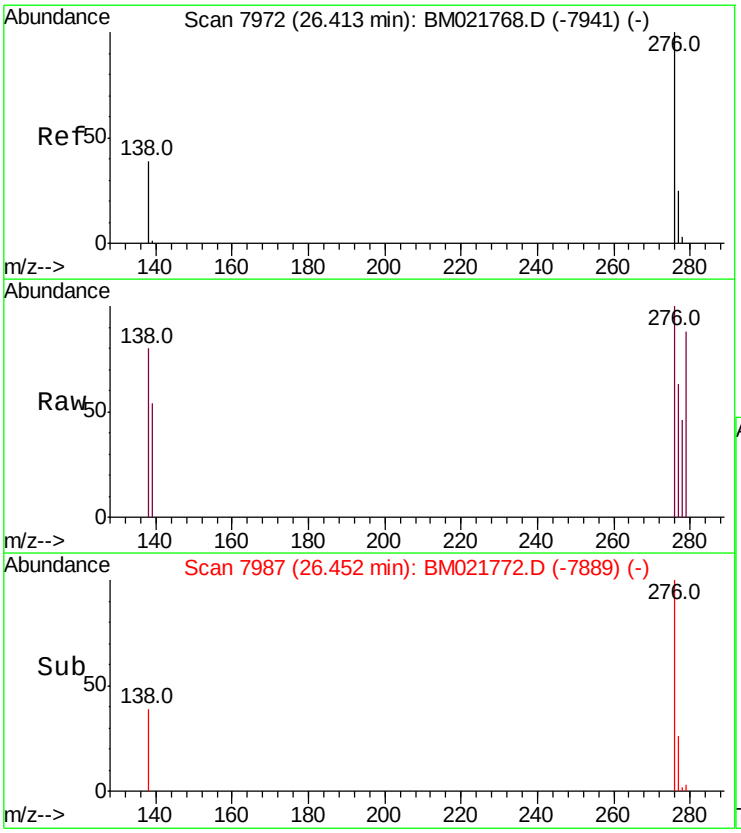
Tgt Ion:278 Resp: 251

Ion	Ratio	Lower	Upper
278	100		
139	80.9	29.5	44.3#
279	118.1	31.1	46.7#



Instrument :
BNA_M
ClientSampleId :
MDL-W-03

Manual Integrations APPROVED
mohammad
8/5/2019 8:34:49 AM



#26
Benzo(g,h,i)perylene
Concen: 0.050 ng/ul
RT: 26.45 min Scan# 7987
Delta R.T. 0.04 min
Lab File: BM021772.D
Acq: 03 Aug 2019 00:38

Tgt Ion:276 Resp: 361

Ion	Ratio	Lower	Upper
276	100		
138	79.8	36.2	54.2#
277	63.0	24.2	36.2#