Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080219\
Data File : BM021770.D
Acq On : 02 Aug 2019 23:25
Operator : HP/JU
Sample : MDL-W-01
Misc : 0.07PPM
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MDL-W-01

Manual Integrations APPROVED
mohammad
8/5/2019 8:34:43 AM

Quant Time: Aug 03 06:36:41 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	778	0.40	ng/ul	0.00
2) Naphthalene-d8	10.50	136	3488	0.40	ng/ul	0.04
6) Acenaphthene-d10	14.33	164	1747	0.40	ng/ul	0.02
10) Phenanthrene-d10	17.10	188	3037	0.40	ng/ul	0.02
16) Chrysene-d12	21.28	240	2101	0.40	ng/ul	0.01
20) Perylene-d12	23.50	264	2019	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.12	152	1648	0.36	ng/ul	0.05
14) Fluoranthene-d10	19.11	212	2496	0.36	ng/ul	0.01
Target Compounds						Qvalue
3) Naphthalene	10.57	128	721	0.074	ng/ul#	45
5) 2-Methylnaphthalene	12.21	142	399	0.071	ng/ul	97
7) Acenaphthylene	14.06	152	531	0.061	ng/ul#	60
8) Acenaphthene	14.40	153	508	0.068	ng/ul#	90
9) Fluorene	15.42	166	456	0.059	ng/ul#	92
11) Pentachlorophenol	16.80	266	19m	0.045	ng/ul	
12) Phenanthrene	17.13	178	682	0.067	ng/ul#	72
13) Anthracene	17.25	178	498	0.064	ng/ul#	65
15) Fluoranthene	19.15	202	738	0.073	ng/ul	71
17) Pyrene	19.52	202	752	0.081	ng/ul#	78
18) Benzo(a)anthracene	21.27	228	472	0.075	ng/ul#	80
19) Chrysene	21.32	228	962	0.091	ng/ul#	83
21) Benzo(b)fluoranthene	22.83	252	806	0.090	ng/ul#	39
22) Benzo(k)fluoranthene	22.89	252	801	0.084	ng/ul#	37
23) Benzo(a)pyrene	23.43	252	475	0.067	ng/ul#	17
24) Indeno(1,2,3-cd)pyrene	25.80	276	467	0.057	ng/ul#	33
25) Dibenzo(a,h)anthracene	25.81	278	396	0.062	ng/ul#	7
26) Benzo(g,h,i)perylene	26.46	276	474	0.060	ng/ul#	49

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080219\
Data File : BM021770.D
Acq On : 02 Aug 2019 23:25
Operator : HP/JU
Sample : MDL-W-01
Misc : 0.07PPM
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Aug 03 06:36:41 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080219.M
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QLast Update : Sat Aug 03 05:33:59 2019
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Instrument :
BNA_M
ClientSampleId :
MDL-W-01

Manual Integrations APPROVED
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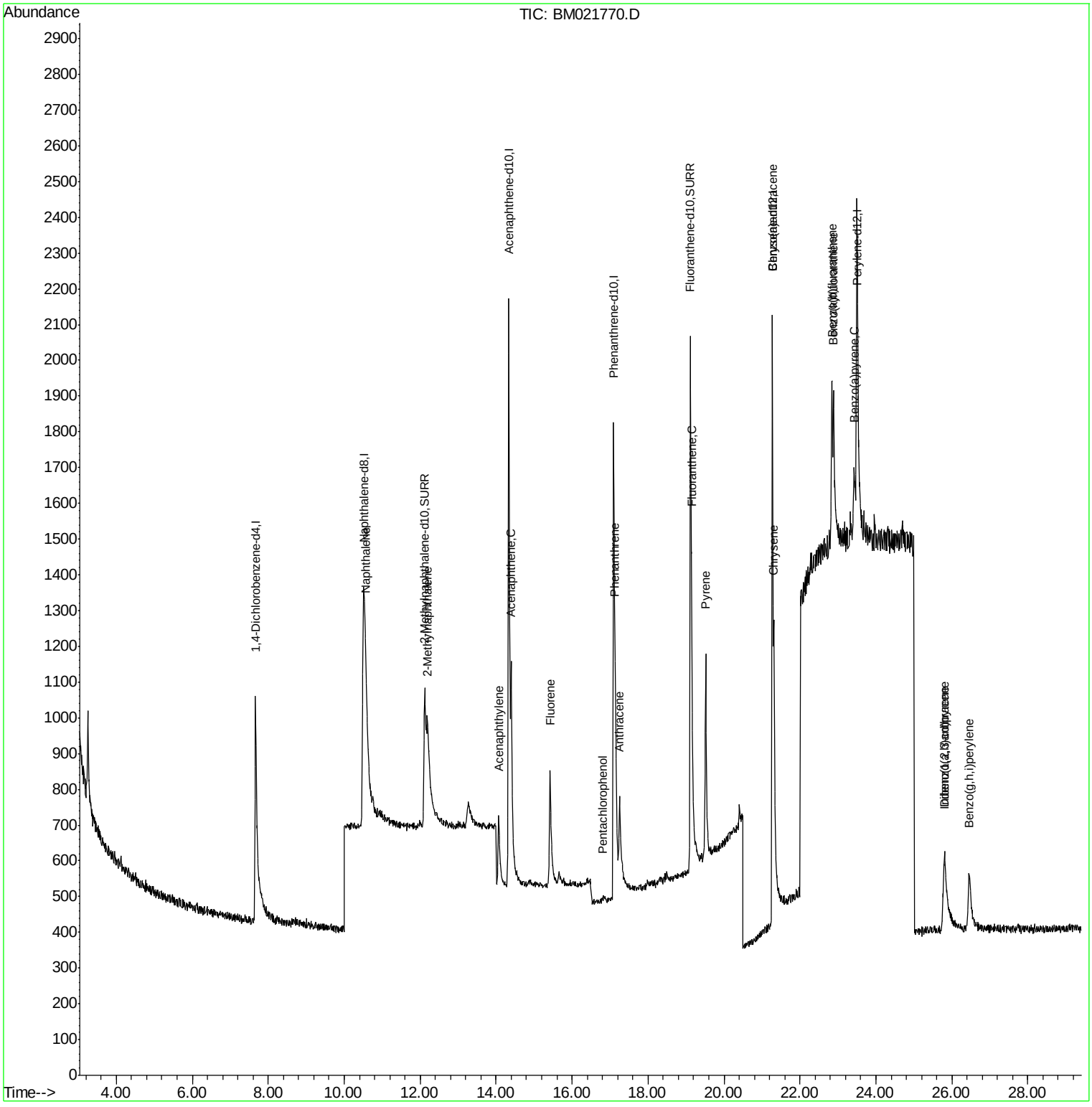

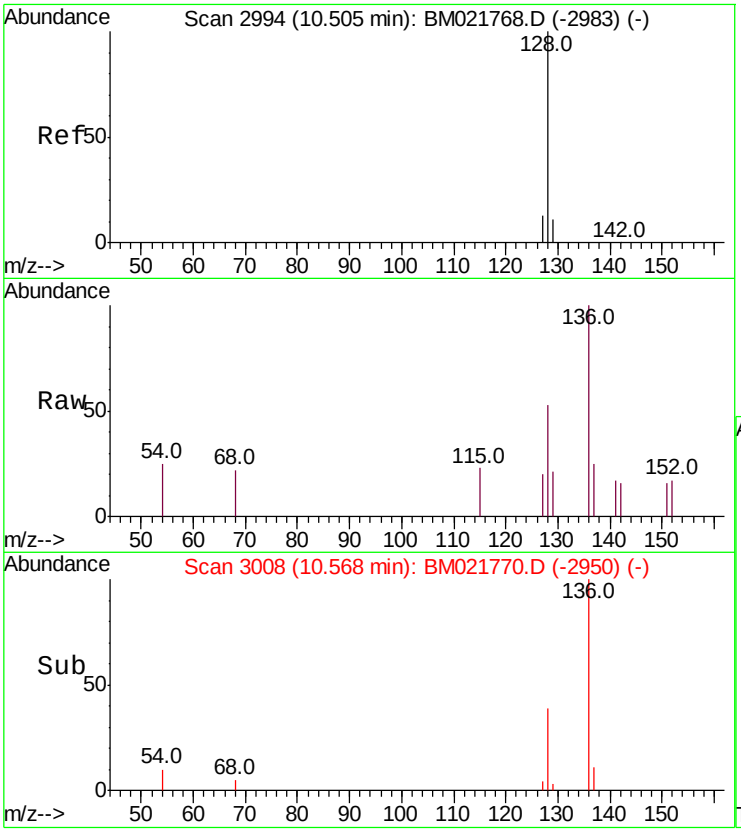

#3
Naphthalene
Concen: 0.074 ng/ul
RT: 10.57 min Scan# 3008
Delta R.T. 0.06 min
Lab File: BM021770.D
Acq: 02 Aug 2019 23:25

Tgt Ion:128 Resp: 721

Ion	Ratio	Lower	Upper
128	100		
129	39.1	11.5	17.3#
127	37.9	13.1	19.7#

Instrument :
BNA_M
ClientSampleId :
MDL-W-01

Manual Integrations APPROVED
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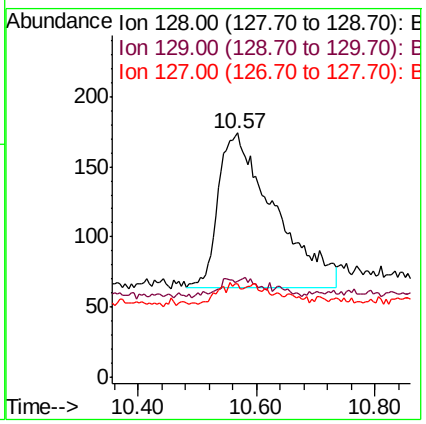
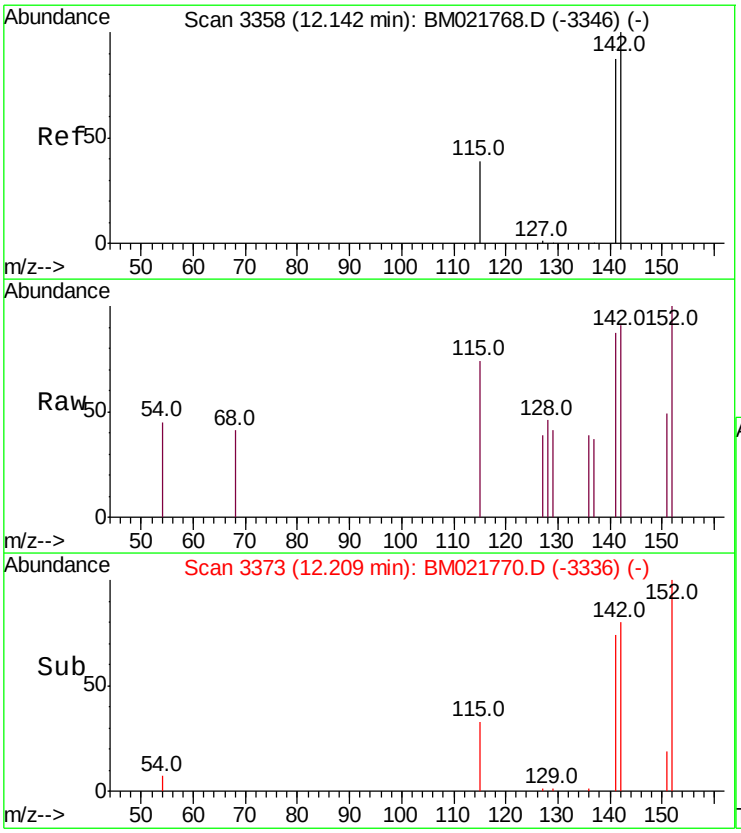
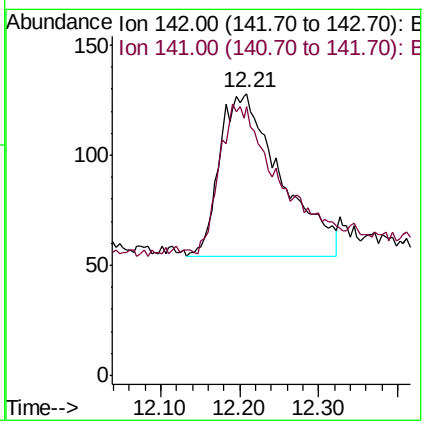


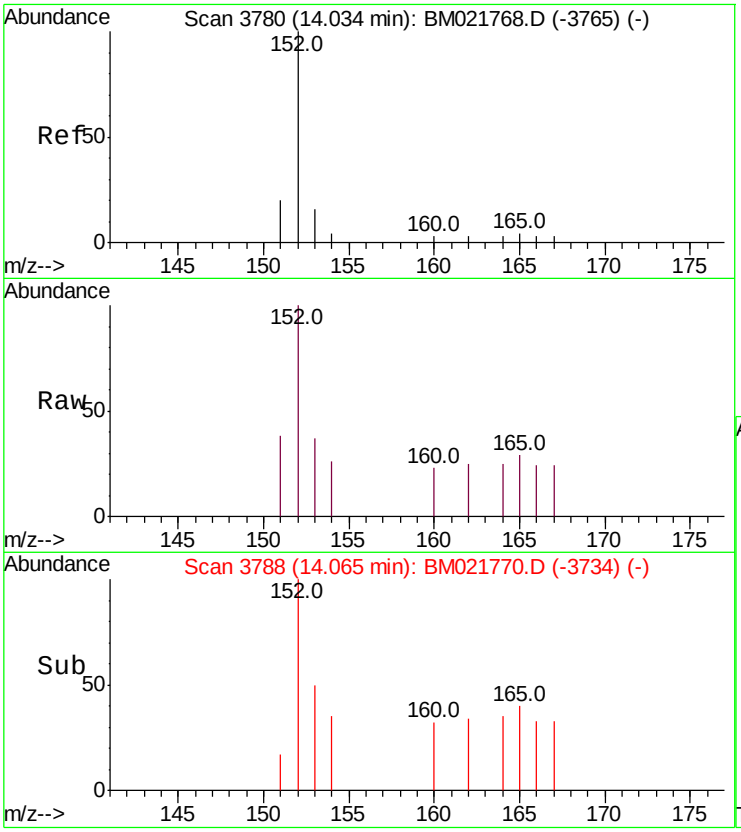


#5
2-Methylnaphthalene
Concen: 0.071 ng/ul
RT: 12.21 min Scan# 3373
Delta R.T. 0.07 min
Lab File: BM021770.D
Acq: 02 Aug 2019 23:25

Tgt Ion:142 Resp: 399

Ion	Ratio	Lower	Upper
142	100		
141	93.0	72.0	108.0





#7
Acenaphthylene
Concen: 0.061 ng/ul
RT: 14.06 min Scan# 3788
Delta R.T. 0.03 min
Lab File: BM021770.D
Acq: 02 Aug 2019 23:25

Tgt Ion:152 Resp: 531

Ion	Ratio	Lower	Upper
152	100		
151	38.0	17.8	26.6#
153	36.6	12.6	18.8#

Instrument :
BNA_M
ClientSampleId :
MDL-W-01

Manual Integrations APPROVED
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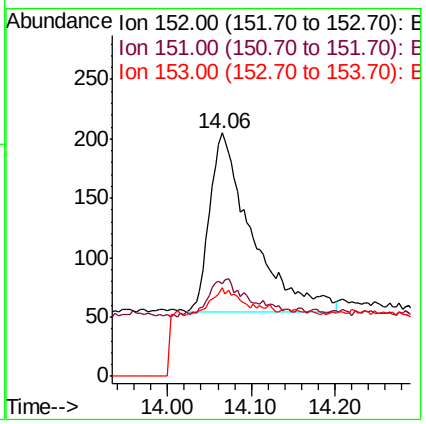
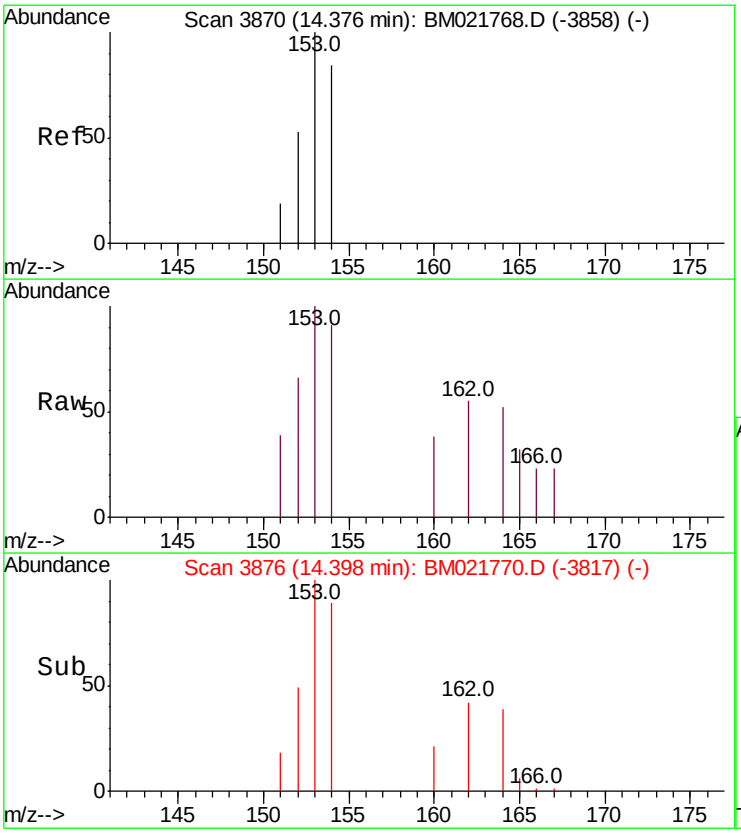
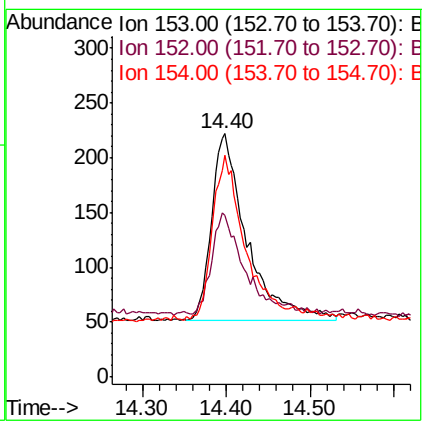


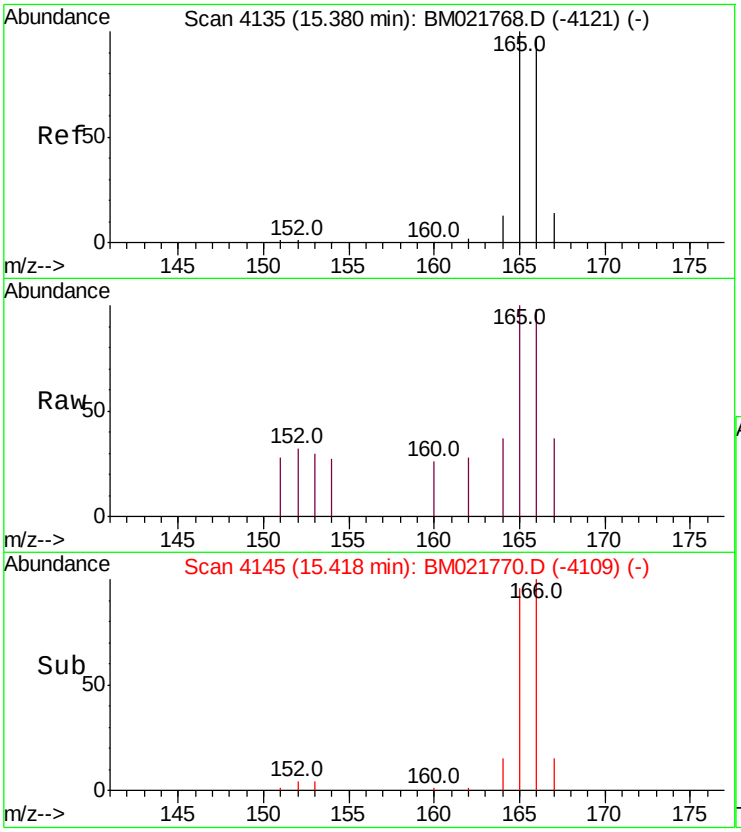


#8
Acenaphthene
Concen: 0.068 ng/ul
RT: 14.40 min Scan# 3876
Delta R.T. 0.02 min
Lab File: BM021770.D
Acq: 02 Aug 2019 23:25

Tgt Ion:153 Resp: 508

Ion	Ratio	Lower	Upper
153	100		
152	66.2	44.0	66.0#
154	91.0	68.0	102.0





#9
Fluorene
Concen: 0.059 ng/ul
RT: 15.42 min Scan# 4145
Delta R.T. 0.04 min
Lab File: BM021770.D
Acq: 02 Aug 2019 23:25

Tgt Ion:166 Resp: 456

Ion	Ratio	Lower	Upper
166	100		
165	102.1	83.0	124.4
167	38.0	13.4	20.2#

Instrument :
BNA_M
ClientSampleId :
MDL-W-01

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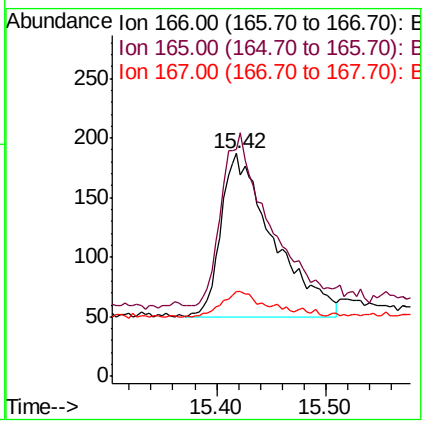
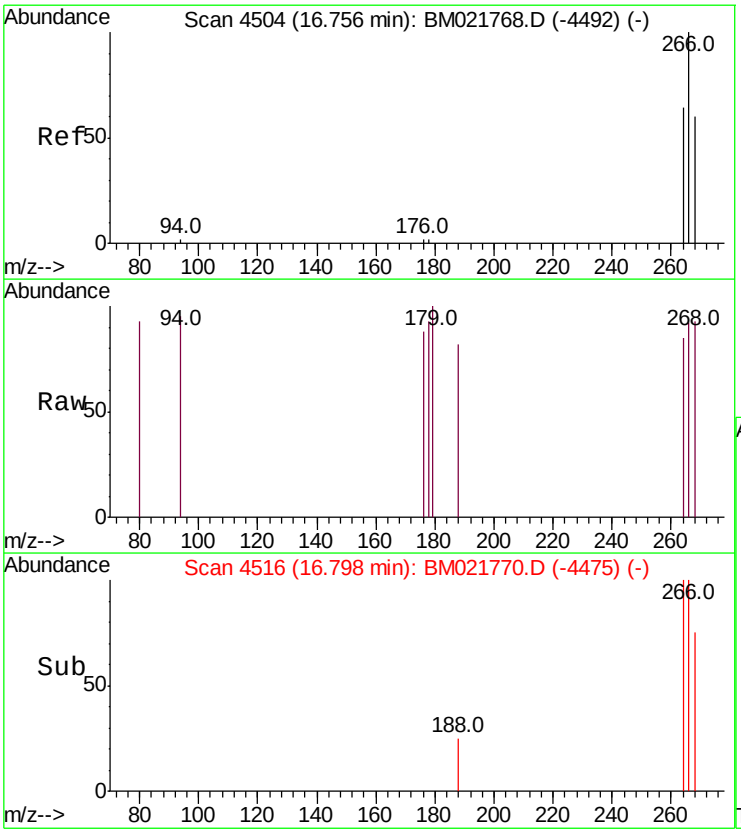
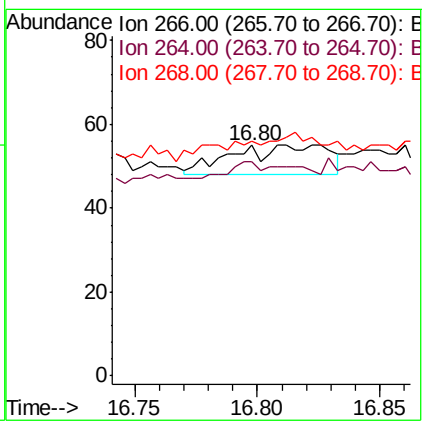


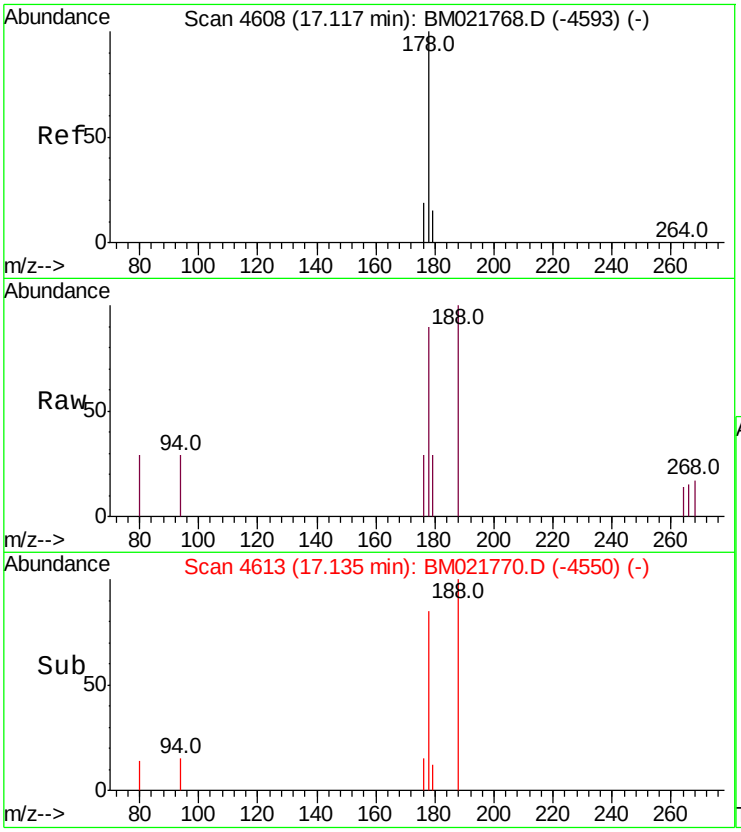


#11
Pentachlorophenol
Concen: 0.045 ng/ul m
RT: 16.80 min Scan# 4516
Delta R.T. 0.04 min
Lab File: BM021770.D
Acq: 02 Aug 2019 23:25

Tgt Ion:266 Resp: 19

Ion	Ratio	Lower	Upper
266	100		
264	36.8	50.9	76.3#
268	0.0	45.4	68.2#

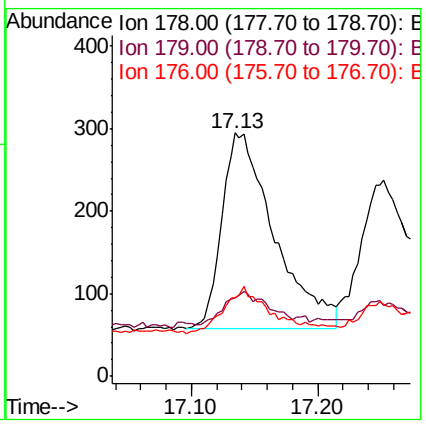




#12
Phenanthrene
Concen: 0.067 ng/ul
RT: 17.13 min Scan# 4613
Delta R.T. 0.02 min
Lab File: BM021770.D
Acq: 02 Aug 2019 23:25

Tgt Ion:178 Resp: 682

Ion	Ratio	Lower	Upper
178	100		
179	32.2	14.0	21.0#
176	32.2	17.0	25.6#



Instrument :
BNA_M
ClientSampleId :
MDL-W-01

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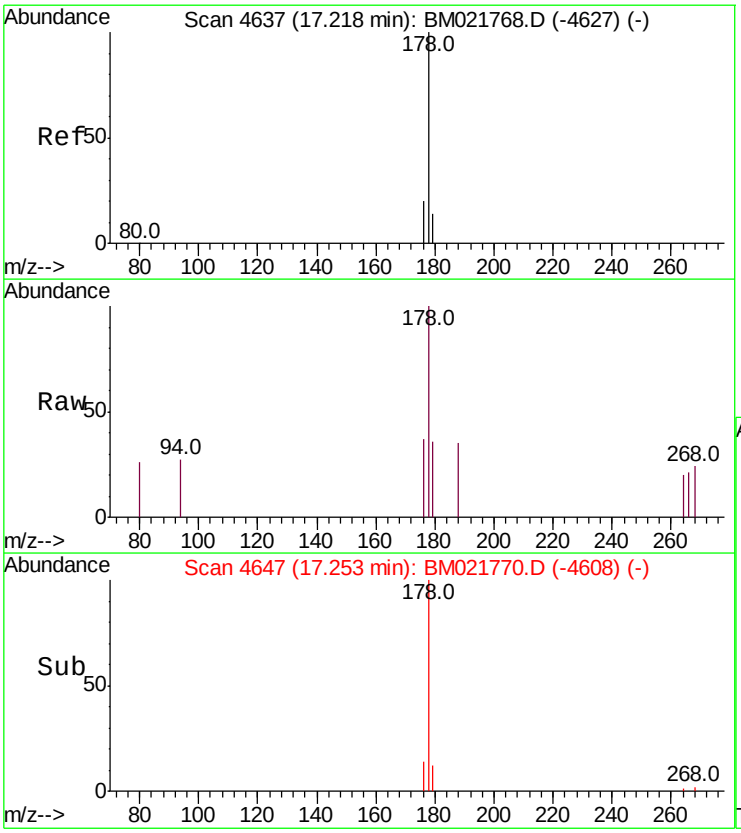
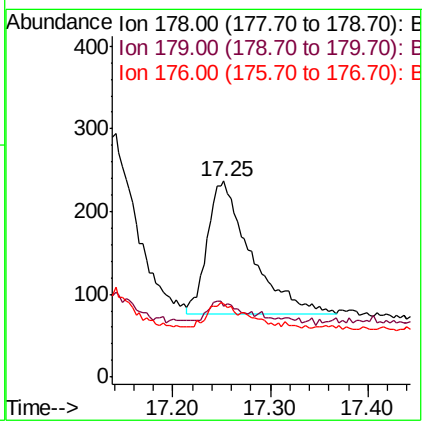
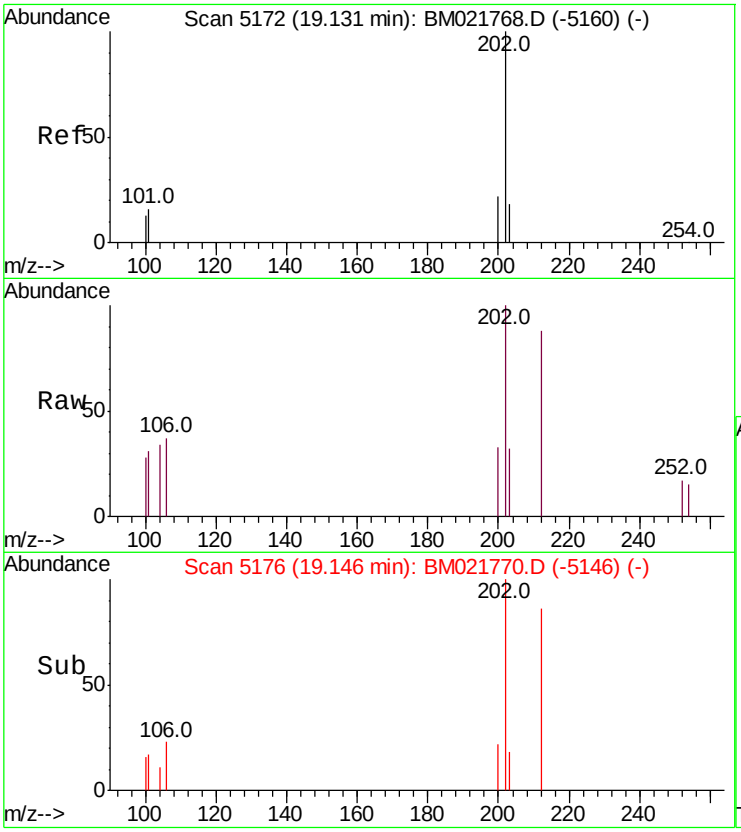


#13
Anthracene
Concen: 0.064 ng/ul
RT: 17.25 min Scan# 4647
Delta R.T. 0.03 min
Lab File: BM021770.D
Acq: 02 Aug 2019 23:25

Tgt Ion:178 Resp: 498

Ion	Ratio	Lower	Upper
178	100		
179	35.9	14.5	21.7#
176	37.1	18.1	27.1#





#15
Fluoranthene
Concen: 0.073 ng/ul
RT: 19.15 min Scan# 5176
Delta R.T. 0.02 min
Lab File: BM021770.D
Acq: 02 Aug 2019 23:25

Tgt Ion:202 Resp: 738

Ion	Ratio	Lower	Upper
202	100		
101	31.0	0.0	38.6
100	28.3	0.0	35.6

Instrument :
BNA_M
ClientSampleId :
MDL-W-01

Manual Integrations APPROVED
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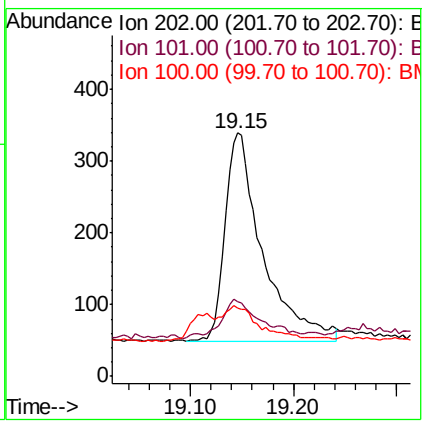
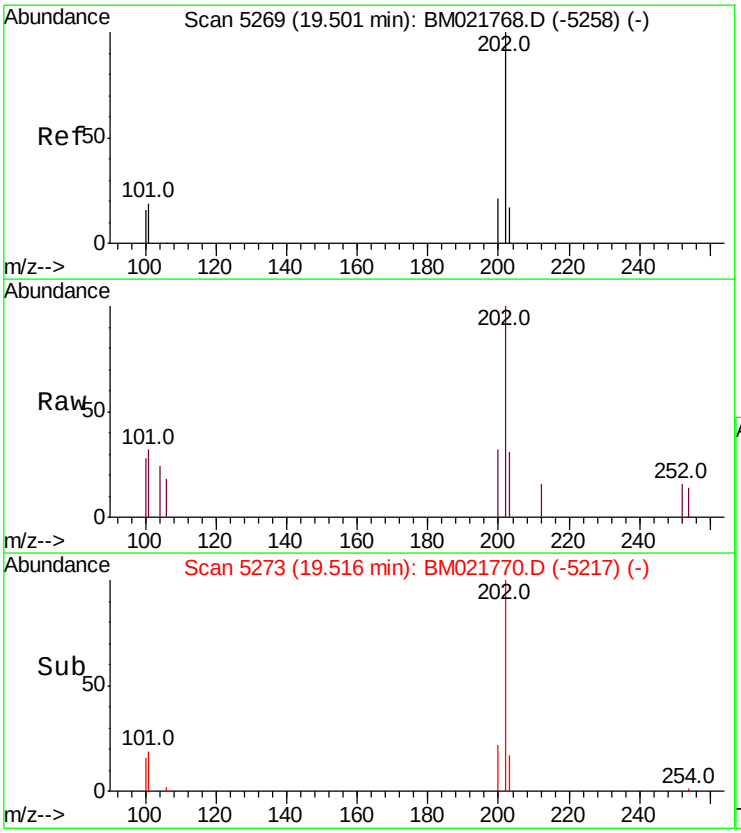
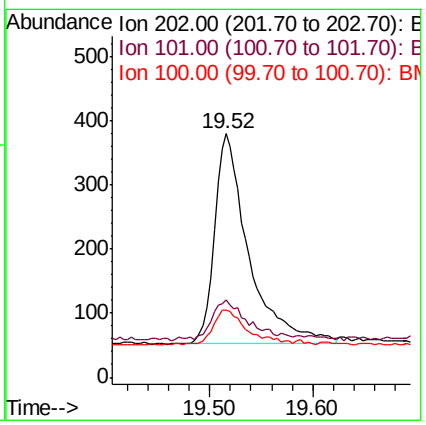


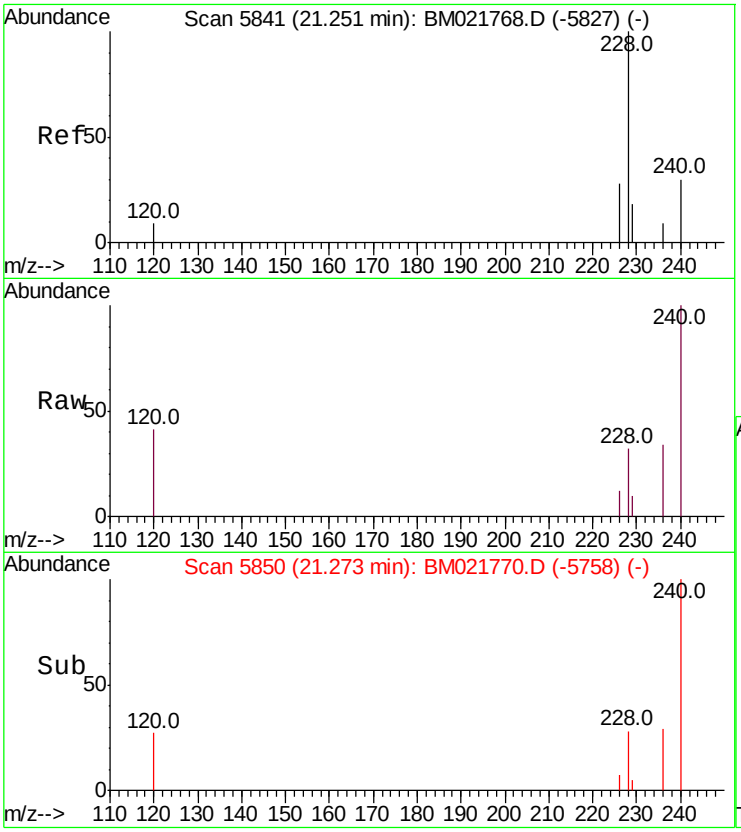


#17
Pyrene
Concen: 0.081 ng/ul
RT: 19.52 min Scan# 5273
Delta R.T. 0.02 min
Lab File: BM021770.D
Acq: 02 Aug 2019 23:25

Tgt Ion:202 Resp: 752

Ion	Ratio	Lower	Upper
202	100		
101	31.9	17.0	25.6#
100	27.7	14.3	21.5#





#18
Benzo(a)anthracene
Concen: 0.075 ng/ul
RT: 21.27 min Scan# 5850
Delta R.T. 0.02 min
Lab File: BM021770.D
Acq: 02 Aug 2019 23:25

Tgt Ion:228 Resp: 472

Ion	Ratio	Lower	Upper
228	100		
229	33.0	16.6	24.8#
226	38.5	24.2	36.2#

Instrument :
BNA_M
ClientSampleId :
MDL-W-01

Manual Integrations APPROVED
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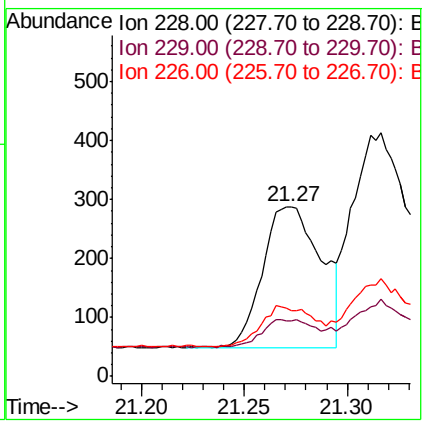
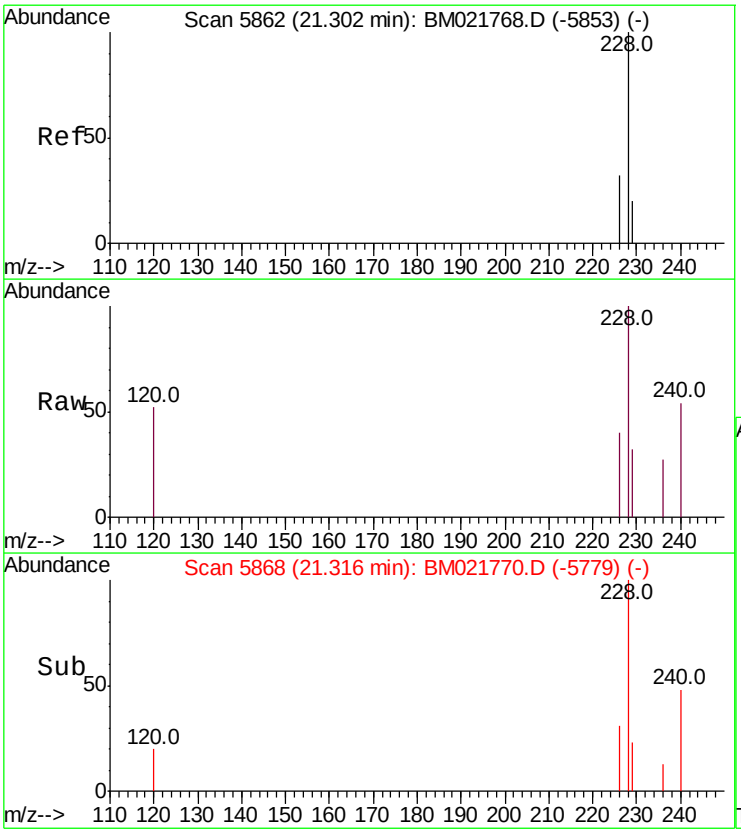
8/5/2019 8:34:43 AM

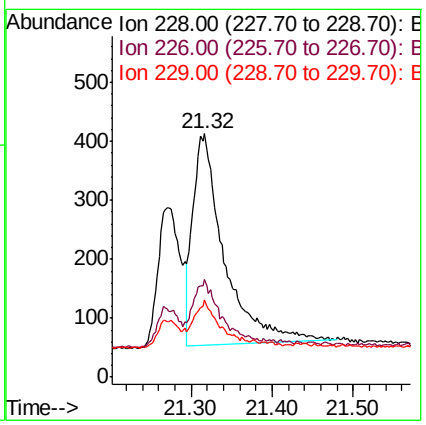


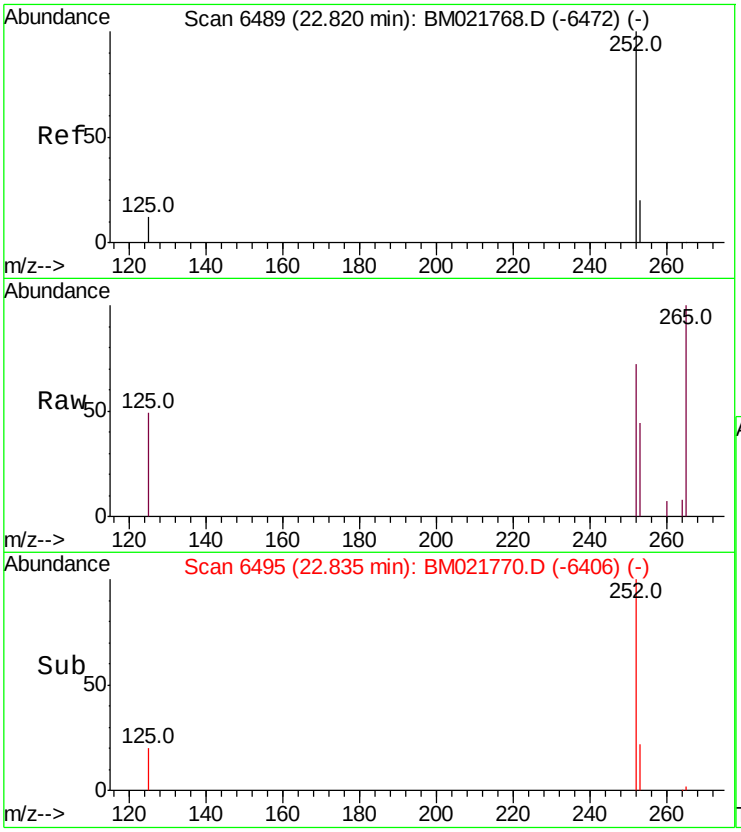


#19
Chrysene
Concen: 0.091 ng/ul
RT: 21.32 min Scan# 5868
Delta R.T. 0.01 min
Lab File: BM021770.D
Acq: 02 Aug 2019 23:25

Tgt Ion:228 Resp: 962

Ion	Ratio	Lower	Upper
228	100		
226	40.0	25.6	38.4#
229	32.0	17.6	26.4#





#21
Benzo(b)fluoranthene
Concen: 0.090 ng/ul
RT: 22.83 min Scan# 6495
Delta R.T. 0.01 min
Lab File: BM021770.D
Acq: 02 Aug 2019 23:25

Tgt Ion:252 Resp: 806

Ion	Ratio	Lower	Upper
252	100		
253	61.2	0.0	62.8
125	68.2	0.0	62.2#

Instrument :
BNA_M
ClientSampleId :
MDL-W-01

Manual Integrations APPROVED
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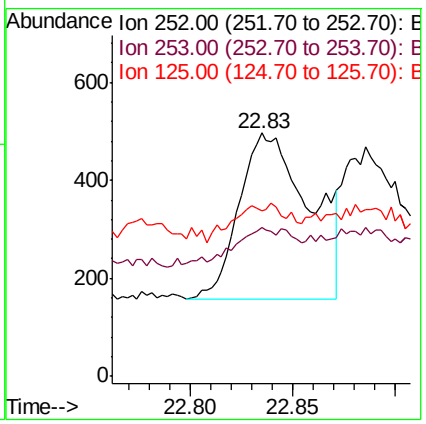
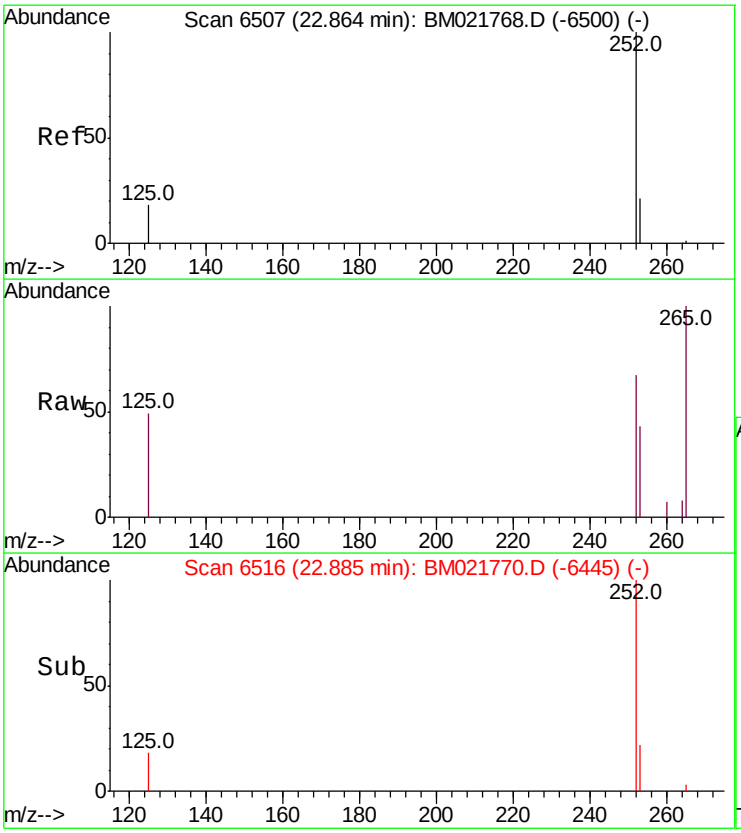
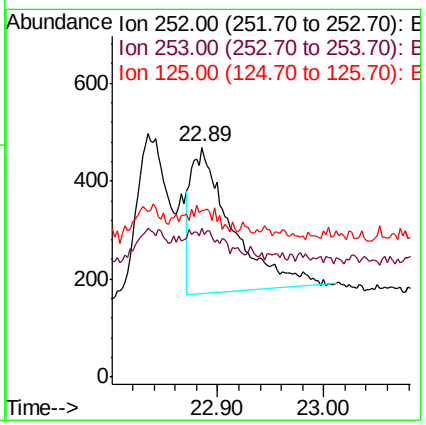


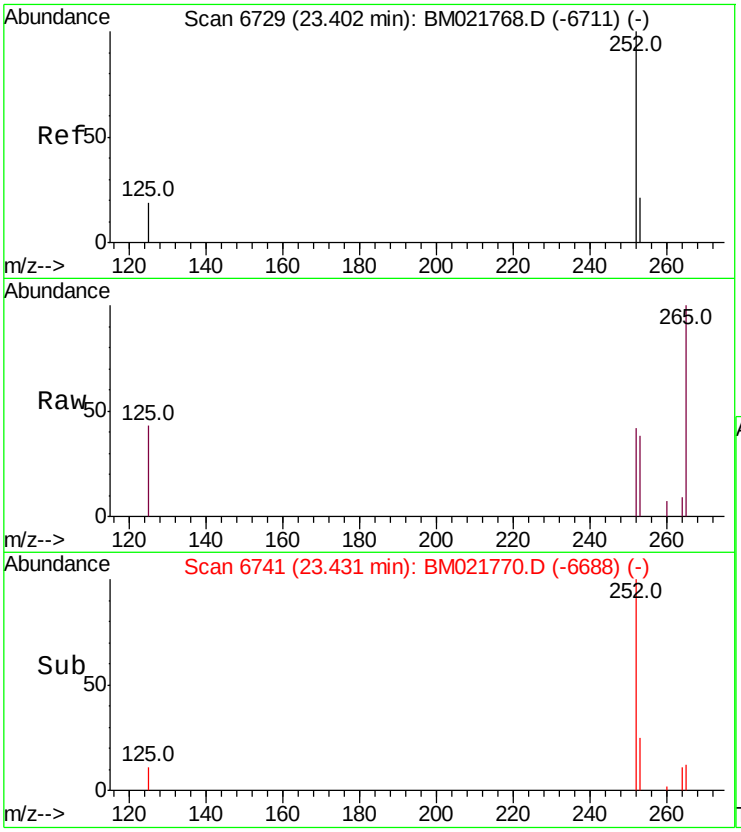


#22
Benzo(k)fluoranthene
Concen: 0.084 ng/ul
RT: 22.89 min Scan# 6516
Delta R.T. 0.02 min
Lab File: BM021770.D
Acq: 02 Aug 2019 23:25

Tgt Ion:252 Resp: 801

Ion	Ratio	Lower	Upper
252	100		
253	64.6	25.8	38.8#
125	72.5	27.0	40.4#

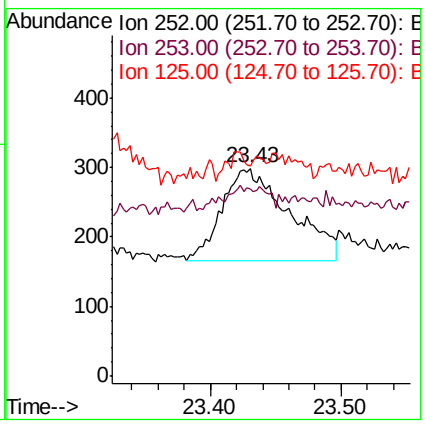




#23
Benzo(a)pyrene
Concen: 0.067 ng/ul
RT: 23.43 min Scan# 6741
Delta R.T. 0.03 min
Lab File: BM021770.D
Acq: 02 Aug 2019 23:25

Tgt Ion:252 Resp: 475

Ion	Ratio	Lower	Upper
252	100		
253	90.0	32.4	48.6#
125	101.0	35.9	53.9#



Instrument :
BNA_M
ClientSampleId :
MDL-W-01

Manual Integrations APPROVED
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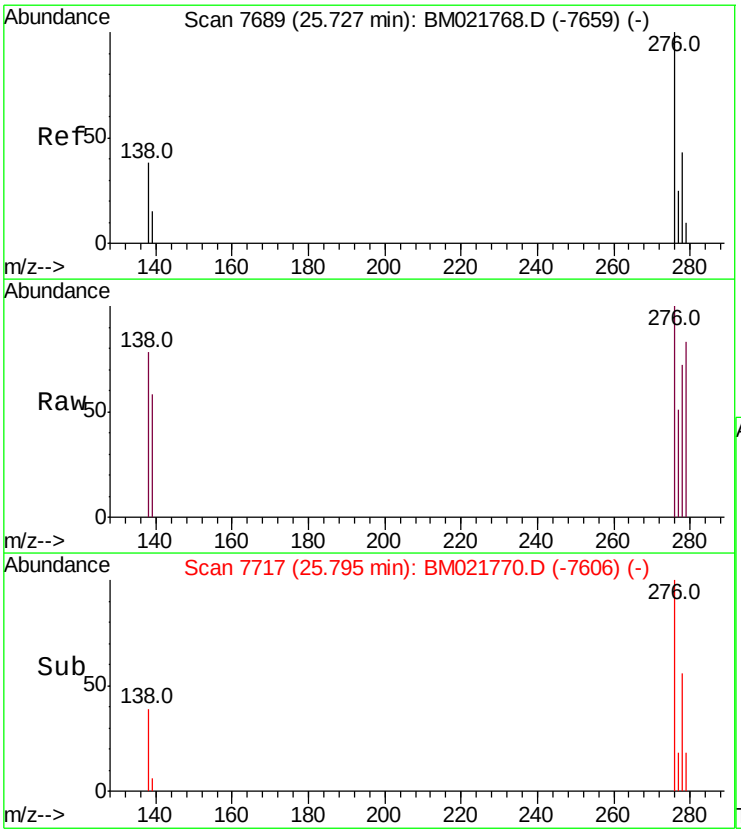
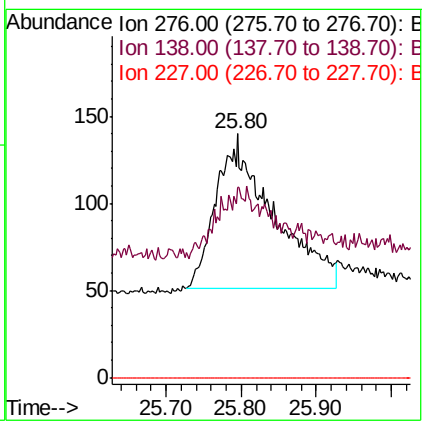
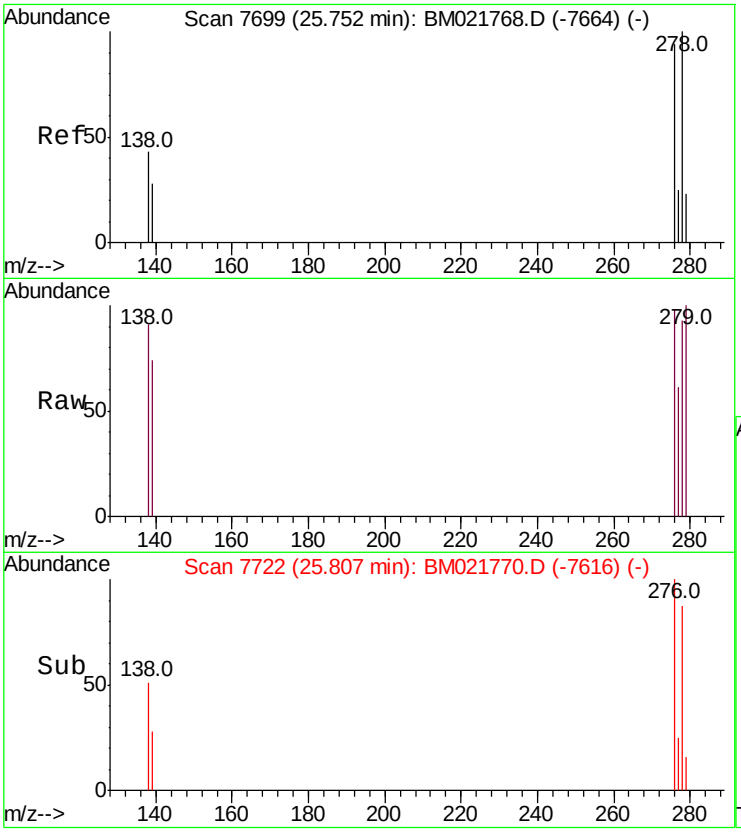


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.057 ng/ul
RT: 25.80 min Scan# 7717
Delta R.T. 0.07 min
Lab File: BM021770.D
Acq: 02 Aug 2019 23:25

Tgt Ion:276 Resp: 467

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

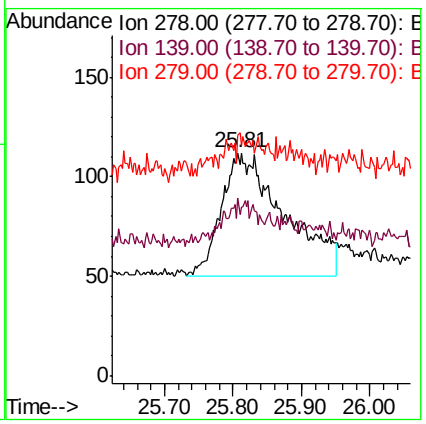




#25
Dibenzo(a,h)anthracene
Concen: 0.062 ng/ul
RT: 25.81 min Scan# 7722
Delta R.T. 0.06 min
Lab File: BM021770.D
Acq: 02 Aug 2019 23:25

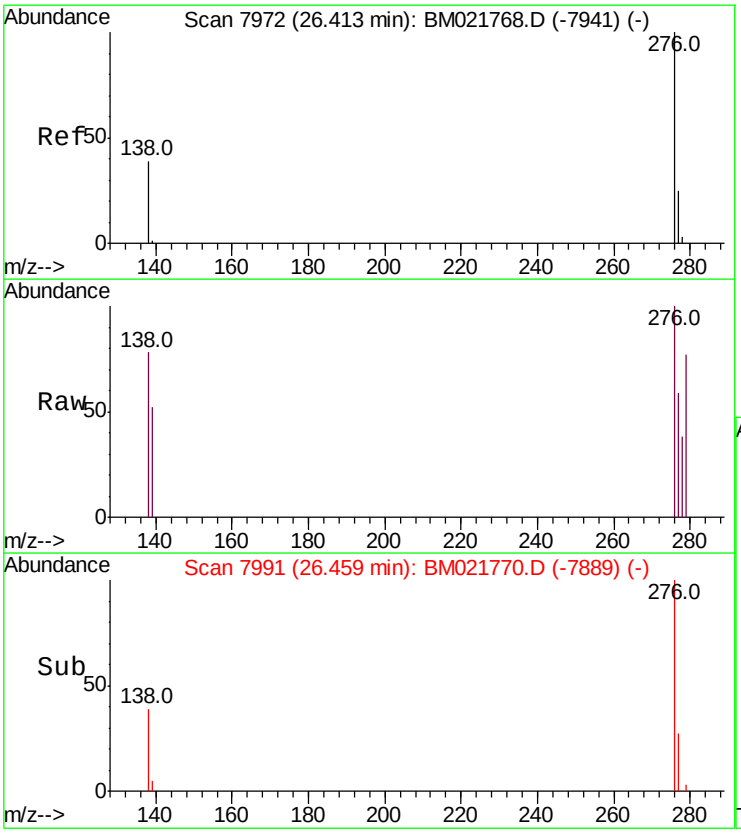
Tgt Ion:278 Resp: 396

Ion	Ratio	Lower	Upper
278	100		
139	79.5	29.5	44.3#
279	108.0	31.1	46.7#



Instrument :
BNA_M
ClientSampleId :
MDL-W-01

Manual Integrations APPROVED
mohammad
8/5/2019 8:34:43 AM



#26
Benzo(g,h,i)perylene
Concen: 0.060 ng/ul
RT: 26.46 min Scan# 7991
Delta R.T. 0.05 min
Lab File: BM021770.D
Acq: 02 Aug 2019 23:25

Tgt Ion:276 Resp: 474

Ion	Ratio	Lower	Upper
276	100		
138	77.7	36.2	54.2#
277	59.0	24.2	36.2#