Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080219\
Data File : BM021774.D
Acq On : 03 Aug 2019 04:44
Operator : HP/JU
Sample : MDL-W-05
Misc : 0.07PPM
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MDL-W-05

Manual Integrations APPROVED
mohammad
8/5/2019 8:35:06 AM

Quant Time: Aug 03 07:27:38 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	695	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	3171	0.40	ng/ul	0.06
6) Acenaphthene-d10	14.33	164	1542	0.40	ng/ul	0.02
10) Phenanthrene-d10	17.10	188	2644	0.40	ng/ul	0.02
16) Chrysene-d12	21.27	240	1786	0.40	ng/ul	0.00
20) Perylene-d12	23.50	264	1822	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.12	152	1562	0.37	ng/ul	0.05
14) Fluoranthene-d10	19.11	212	2268	0.37	ng/ul	0.01
Target Compounds						Qvalue
3) Naphthalene	10.57	128	633	0.071	ng/ul#	41
5) 2-Methylnaphthalene	12.22	142	368	0.072	ng/ul#	79
7) Acenaphthylene	14.08	152	439	0.057	ng/ul#	55
8) Acenaphthene	14.39	153	448	0.068	ng/ul#	93
9) Fluorene	15.42	166	430	0.063	ng/ul#	92
11) Pentachlorophenol	16.81	266	19m	0.051	ng/ul	
12) Phenanthrene	17.14	178	608	0.069	ng/ul#	63
13) Anthracene	17.25	178	374	0.056	ng/ul#	60
15) Fluoranthene	19.15	202	634	0.072	ng/ul	68
17) Pyrene	19.52	202	678	0.086	ng/ul#	73
18) Benzo(a)anthracene	21.27	228	400	0.075	ng/ul#	74
19) Chrysene	21.31	228	754	0.084	ng/ul#	79
21) Benzo(b)fluoranthene	22.83	252	629	0.078	ng/ul#	29
22) Benzo(k)fluoranthene	22.88	252	587	0.069	ng/ul#	37
23) Benzo(a)pyrene	23.42	252	324m	0.051	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.77	276	462	0.063	ng/ul#	33
25) Dibenzo(a,h)anthracene	25.79	278	352	0.061	ng/ul#	13
26) Benzo(g,h,i)perylene	26.45	276	466	0.066	ng/ul#	55

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080219\
Data File : BM021774.D
Acq On : 03 Aug 2019 04:44
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Misc : 0.07PPM
ALS Vial : 16 Sample Multiplier: 1

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QLast Update : Sat Aug 03 05:33:59 2019
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Instrument :
BNA_M
ClientSampleId :
MDL-W-05

Manual Integrations APPROVED
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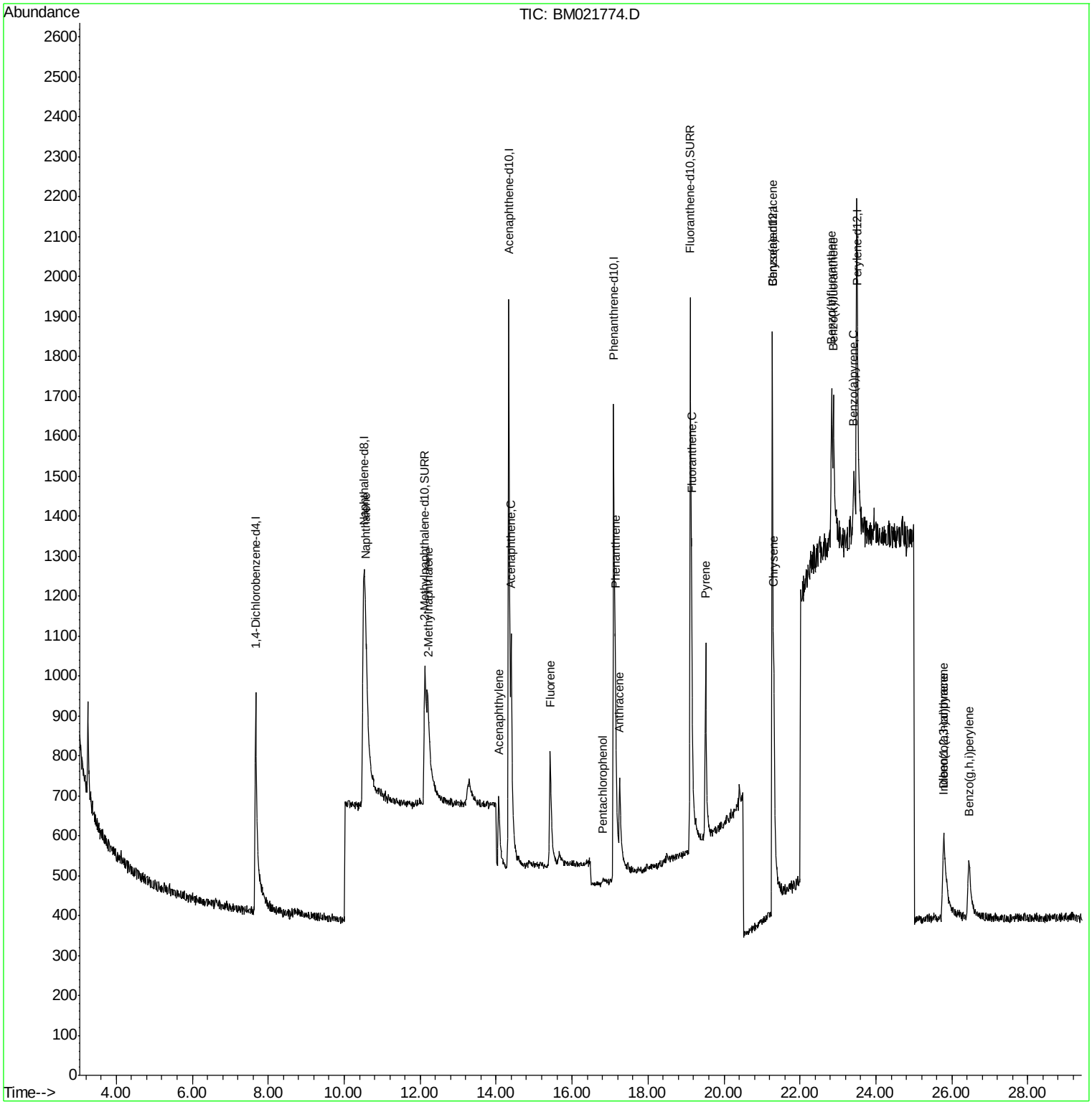

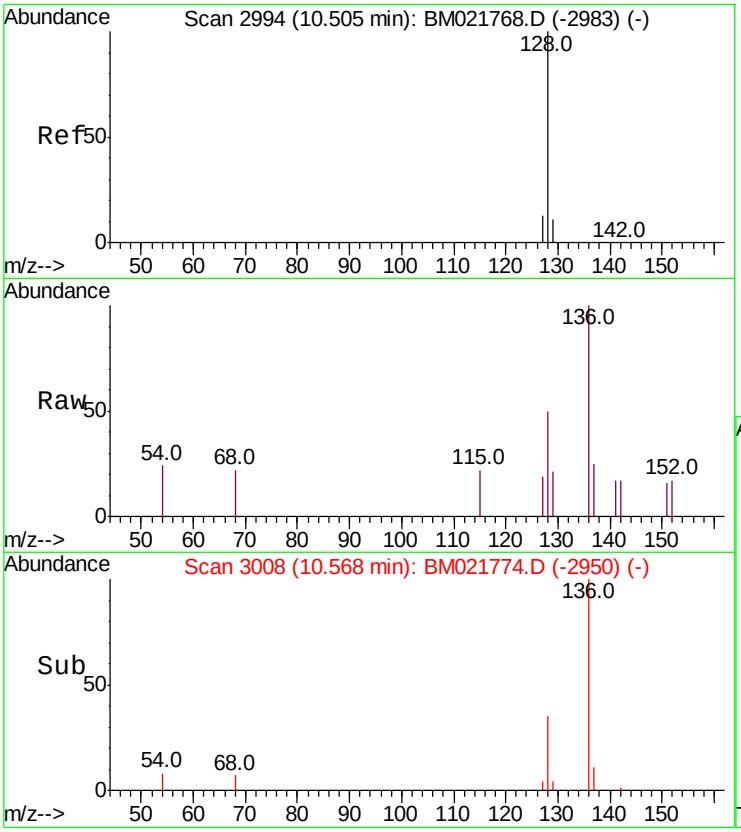

#3
Naphthalene
Concen: 0.071 ng/ul
RT: 10.57 min Scan# 3008
Delta R.T. 0.06 min
Lab File: BM021774.D
Acq: 03 Aug 2019 04:44

Tgt Ion:128 Resp: 633

Ion	Ratio	Lower	Upper
128	100		
129	42.0	11.5	17.3#
127	38.3	13.1	19.7#

Instrument :
BNA_M
ClientSampleId :
MDL-W-05

Manual Integrations APPROVED
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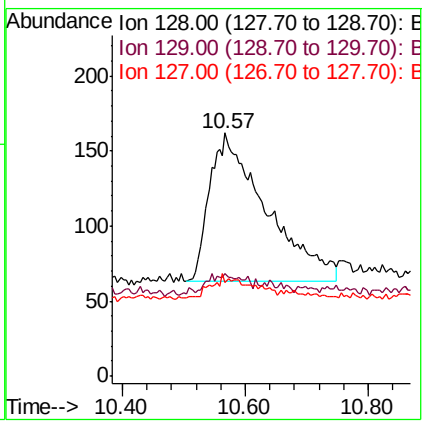
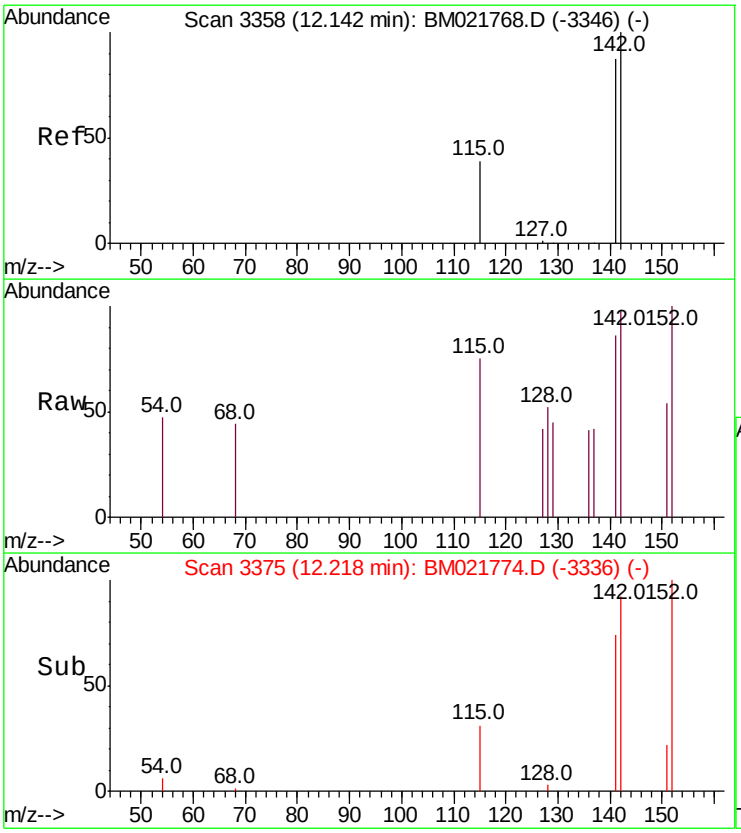
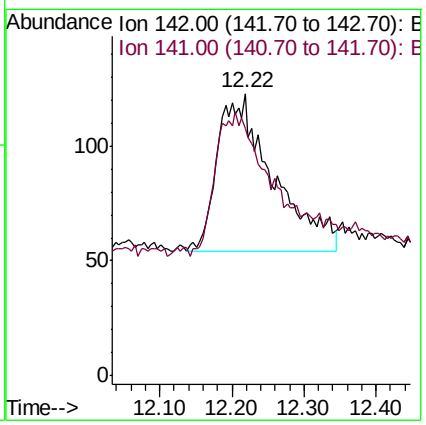


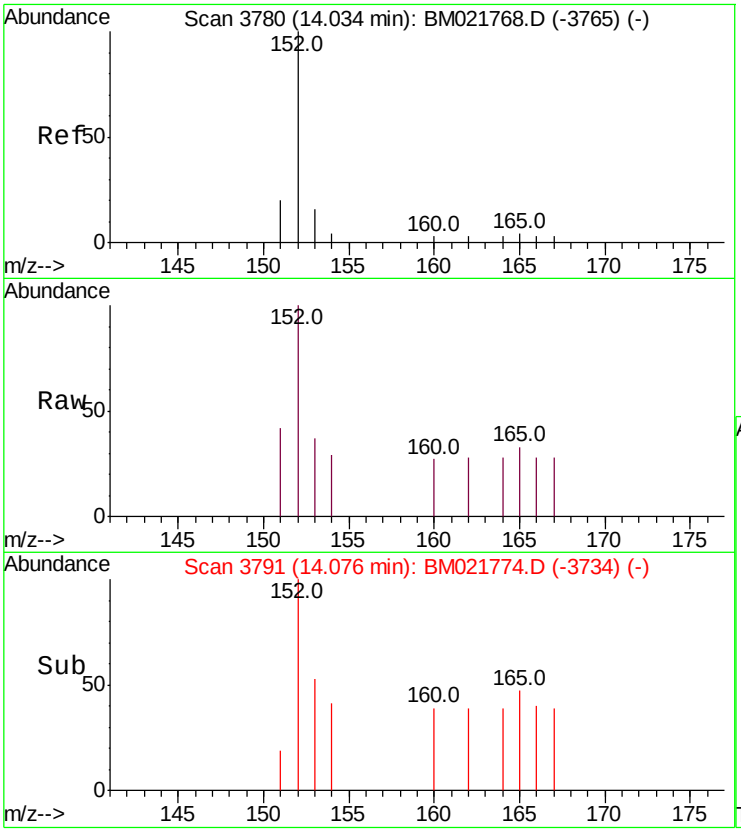


#5
2-Methylnaphthalene
Concen: 0.072 ng/ul
RT: 12.22 min Scan# 3375
Delta R.T. 0.08 min
Lab File: BM021774.D
Acq: 03 Aug 2019 04:44

Tgt Ion:142 Resp: 368

Ion	Ratio	Lower	Upper
142	100		
141	110.1	72.0	108.0#





#7
Acenaphthylene
Concen: 0.057 ng/ul
RT: 14.08 min Scan# 3791
Delta R.T. 0.04 min
Lab File: BM021774.D
Acq: 03 Aug 2019 04:44

Tgt Ion:152 Resp: 439

Ion	Ratio	Lower	Upper
152	100		
151	42.0	17.8	26.6#
153	37.0	12.6	18.8#

Instrument :
BNA_M
ClientSampleId :
MDL-W-05

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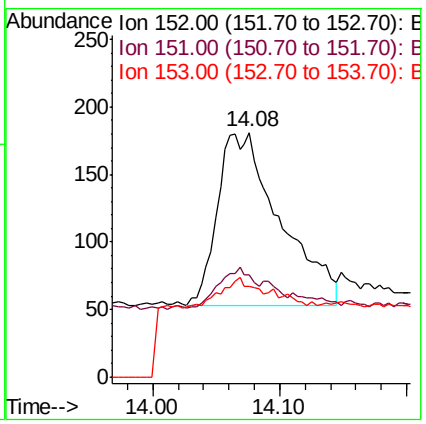
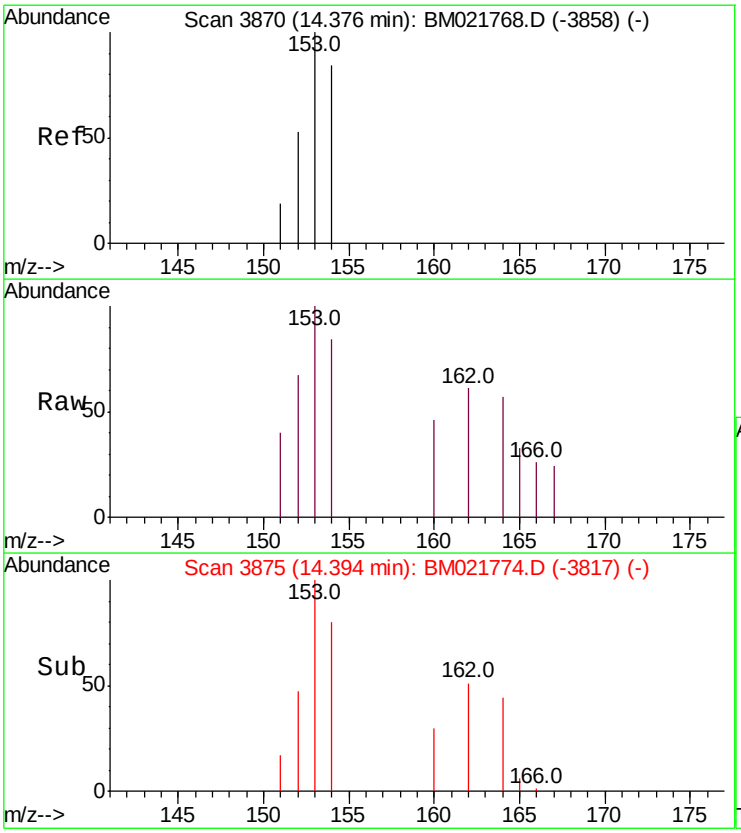
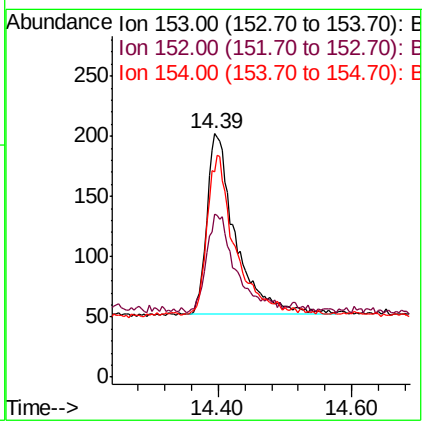


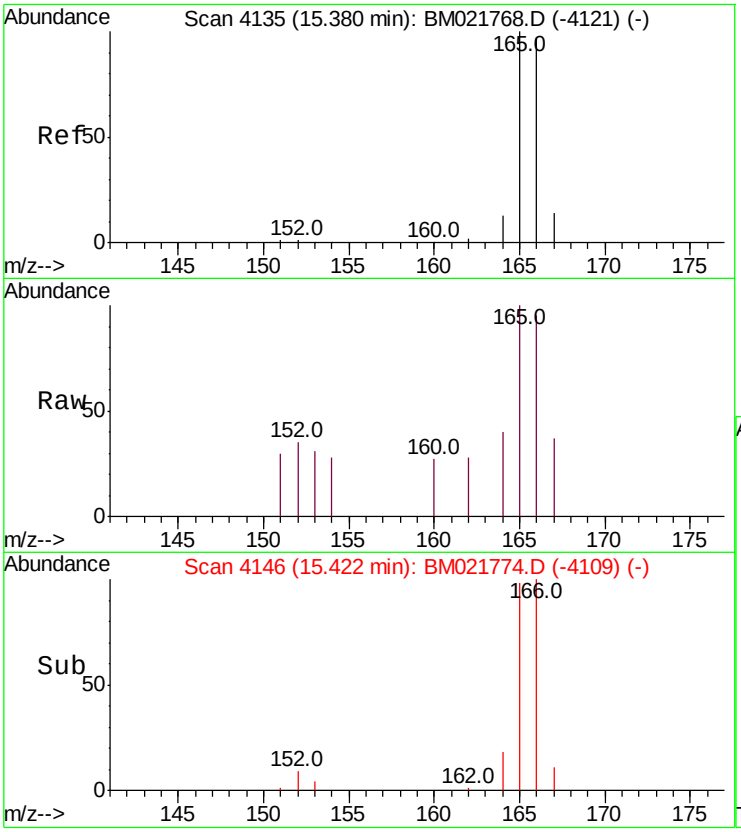


#8
Acenaphthene
Concen: 0.068 ng/ul
RT: 14.39 min Scan# 3875
Delta R.T. 0.02 min
Lab File: BM021774.D
Acq: 03 Aug 2019 04:44

Tgt Ion:153 Resp: 448

Ion	Ratio	Lower	Upper
153	100		
152	66.8	44.0	66.0#
154	84.2	68.0	102.0

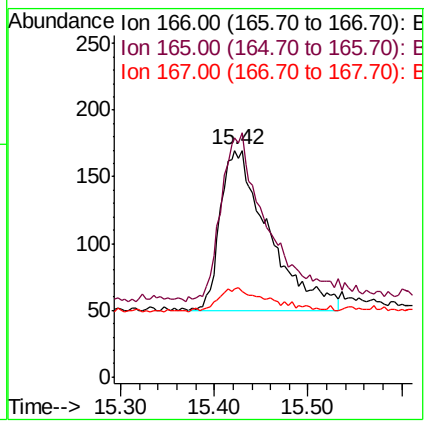




#9
Fluorene
Concen: 0.063 ng/ul
RT: 15.42 min Scan# 4146
Delta R.T. 0.04 min
Lab File: BM021774.D
Acq: 03 Aug 2019 04:44

Tgt Ion:166 Resp: 430

Ion	Ratio	Lower	Upper
166	100		
165	105.3	83.0	124.4
167	38.8	13.4	20.2#



Instrument :
BNA_M
ClientSampleId :
MDL-W-05

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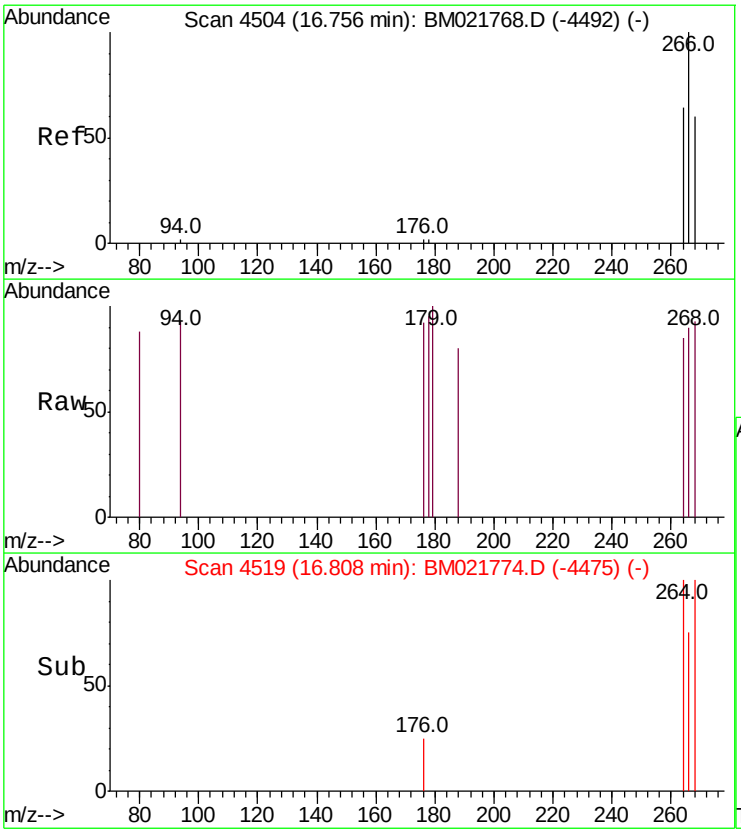
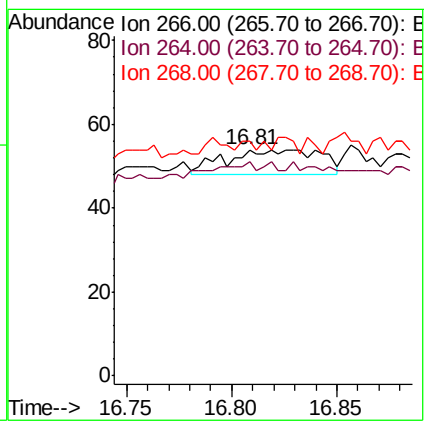
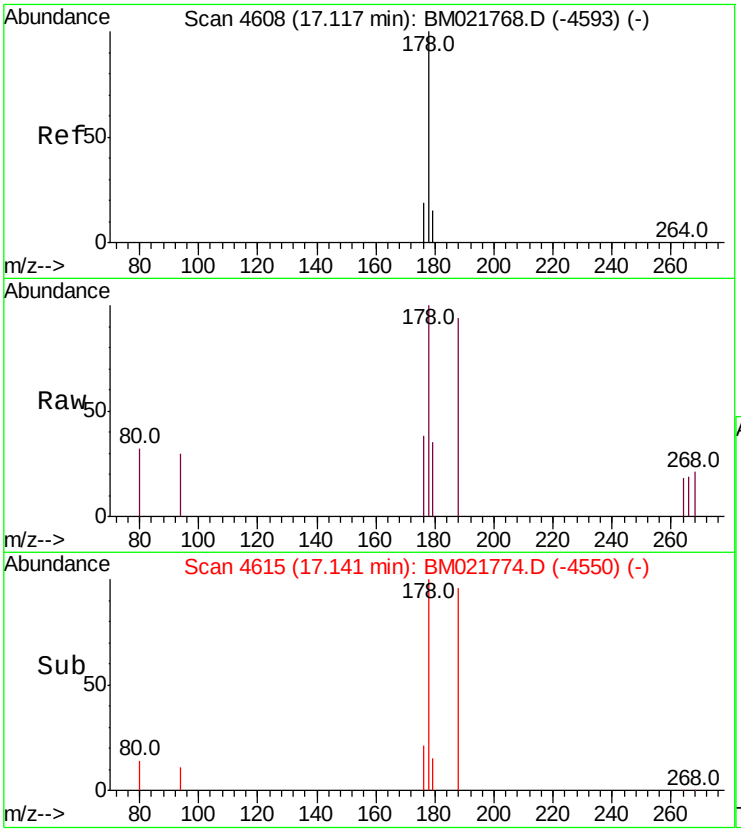


#11
Pentachlorophenol
Concen: 0.051 ng/ul m
RT: 16.81 min Scan# 4519
Delta R.T. 0.05 min
Lab File: BM021774.D
Acq: 03 Aug 2019 04:44

Tgt Ion:266 Resp: 19

Ion	Ratio	Lower	Upper
266	100		
264	0.0	50.9	76.3#
268	5.3	45.4	68.2#

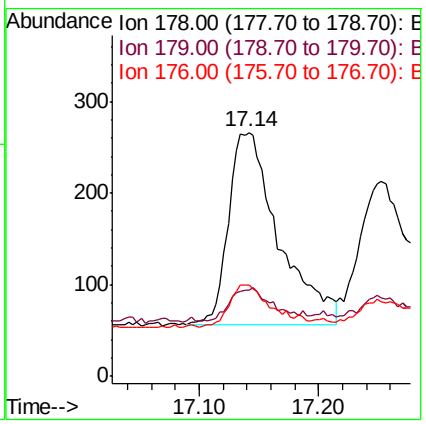




#12
Phenanthrene
Concen: 0.069 ng/ul
RT: 17.14 min Scan# 4615
Delta R.T. 0.02 min
Lab File: BM021774.D
Acq: 03 Aug 2019 04:44

Tgt Ion:178 Resp: 608

Ion	Ratio	Lower	Upper
178	100		
179	35.3	14.0	21.0#
176	37.6	17.0	25.6#



Instrument :
BNA_M
ClientSampleId :
MDL-W-05

Manual Integrations APPROVED
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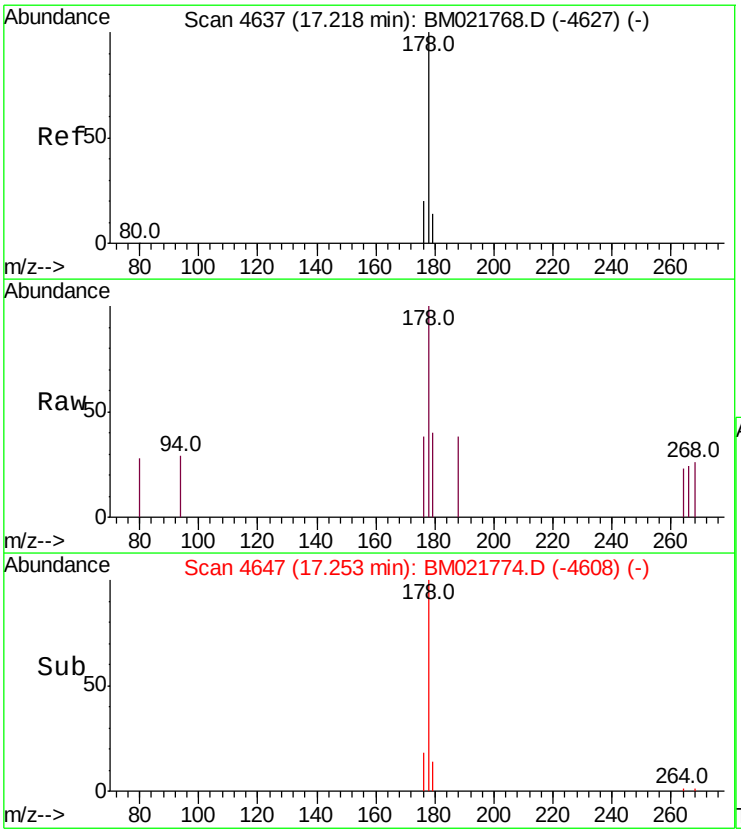
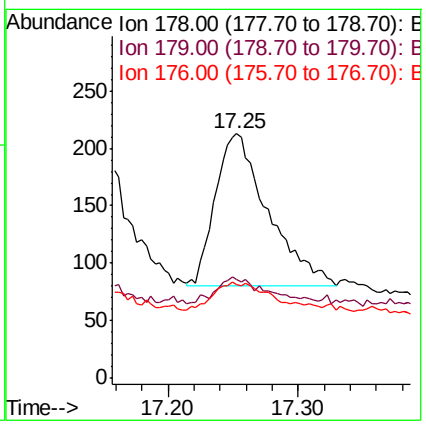
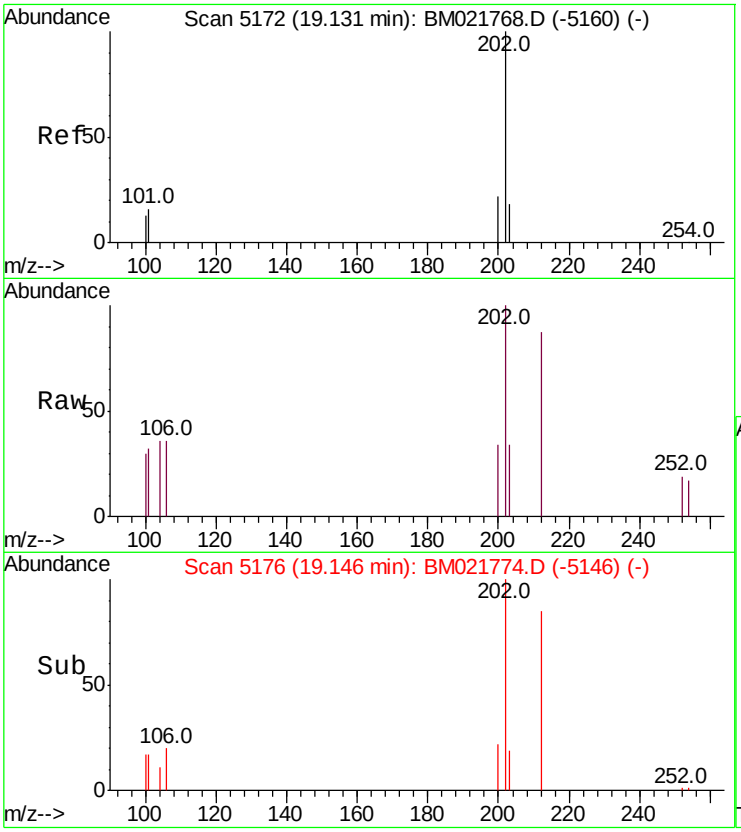


#13
Anthracene
Concen: 0.056 ng/ul
RT: 17.25 min Scan# 4647
Delta R.T. 0.03 min
Lab File: BM021774.D
Acq: 03 Aug 2019 04:44

Tgt Ion:178 Resp: 374

Ion	Ratio	Lower	Upper
178	100		
179	40.4	14.5	21.7#
176	38.0	18.1	27.1#





#15
Fluoranthene
Concen: 0.072 ng/ul
RT: 19.15 min Scan# 5176
Delta R.T. 0.02 min
Lab File: BM021774.D
Acq: 03 Aug 2019 04:44

Tgt Ion:202 Resp: 634

Ion	Ratio	Lower	Upper
202	100		
101	31.9	0.0	38.6
100	30.3	0.0	35.6

Instrument :
BNA_M
ClientSampleId :
MDL-W-05

Manual Integrations APPROVED
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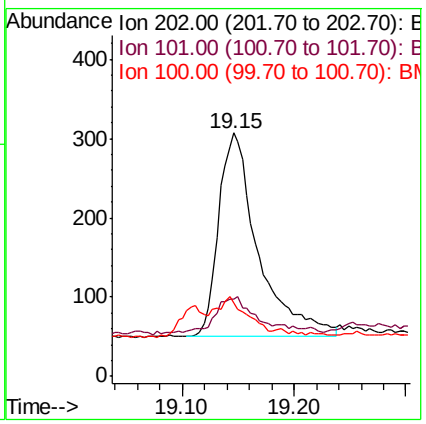
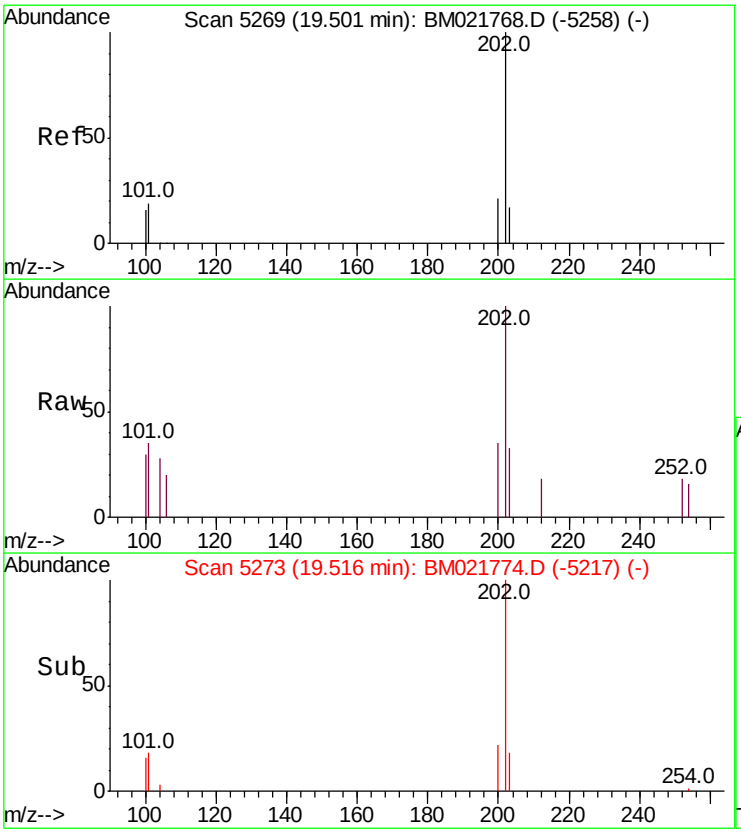
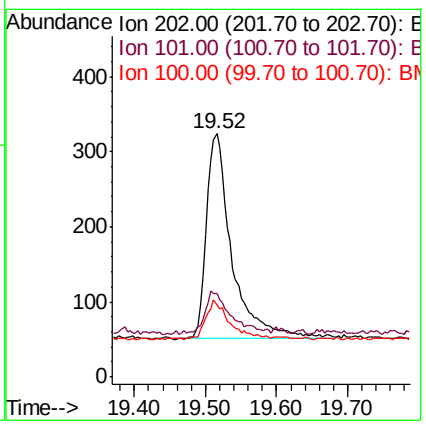


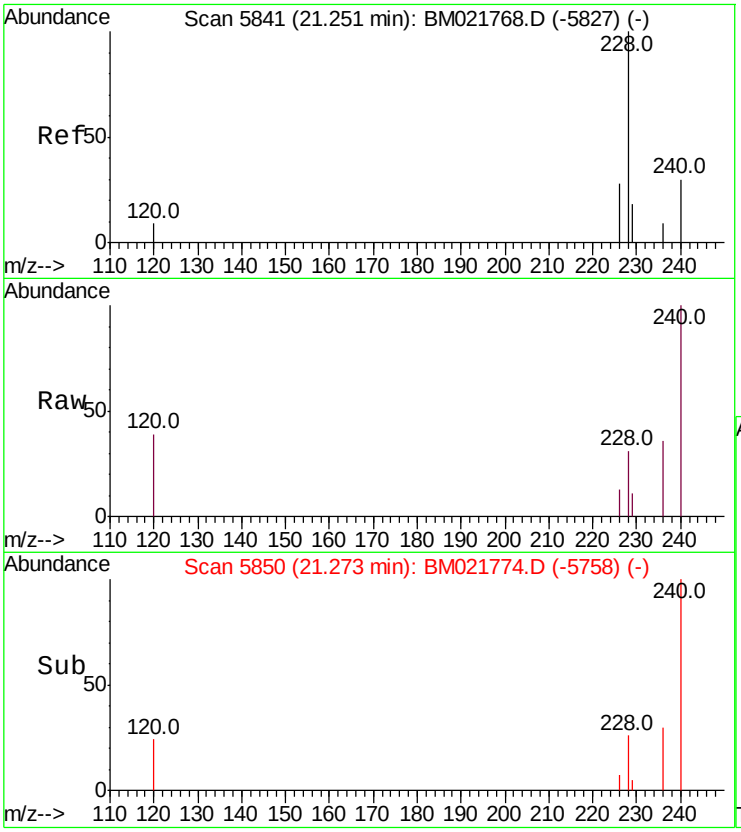


#17
Pyrene
Concen: 0.086 ng/ul
RT: 19.52 min Scan# 5273
Delta R.T. 0.02 min
Lab File: BM021774.D
Acq: 03 Aug 2019 04:44

Tgt Ion:202 Resp: 678

Ion	Ratio	Lower	Upper
202	100		
101	34.6	17.0	25.6#
100	29.6	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: BM021774.D
Acq: 03 Aug 2019 04:44

Tgt Ion:228 Resp: 400

Ion	Ratio	Lower	Upper
228	100		
229	34.4	16.6	24.8#
226	42.8	24.2	36.2#

Instrument :
BNA_M
ClientSampleId :
MDL-W-05

Manual Integrations APPROVED
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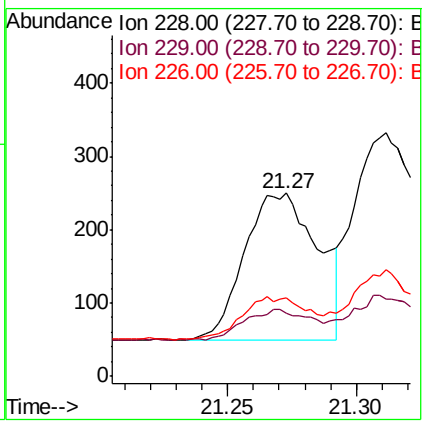
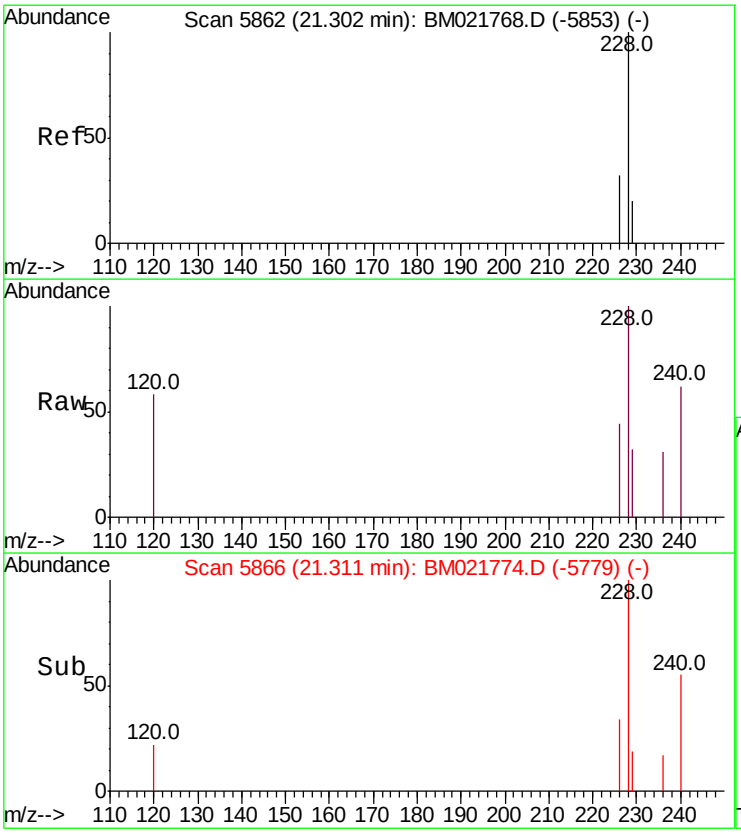
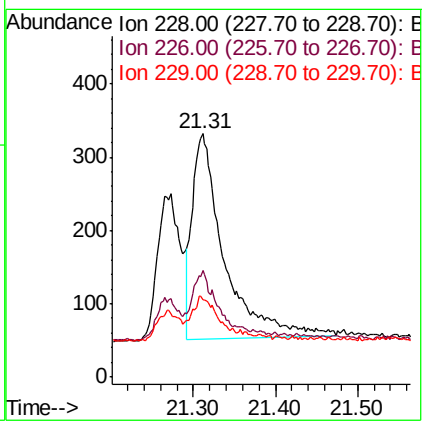


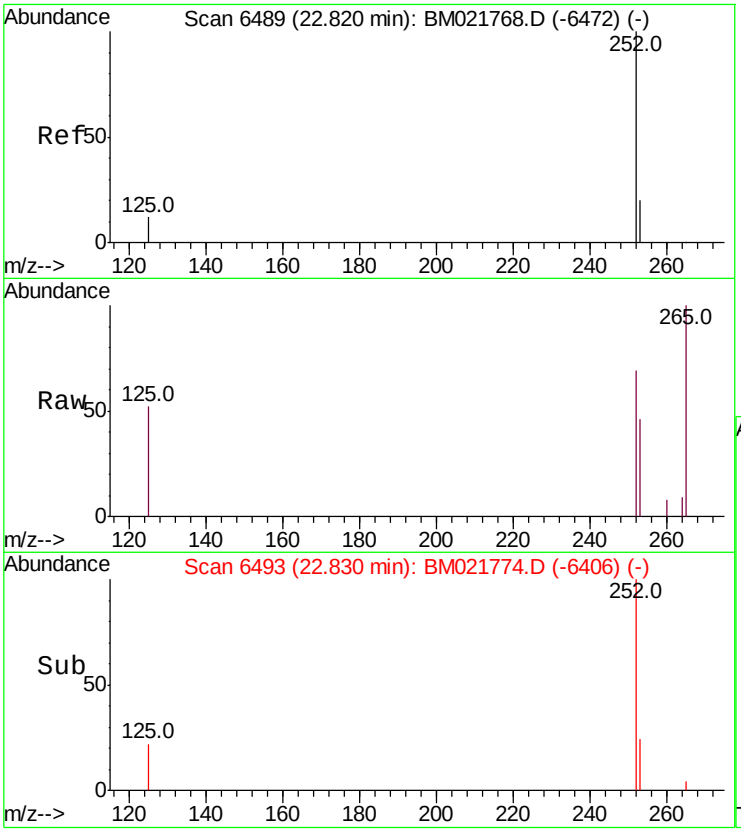


#19
Chrysene
Concen: 0.084 ng/ul
RT: 21.31 min Scan# 5866
Delta R.T. 0.01 min
Lab File: BM021774.D
Acq: 03 Aug 2019 04:44

Tgt Ion:228 Resp: 754

Ion	Ratio	Lower	Upper
228	100		
226	43.7	25.6	38.4#
229	31.6	17.6	26.4#

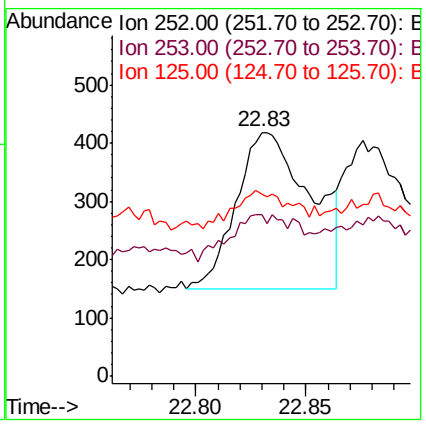




#21
Benzo(b)fluoranthene
Concen: 0.078 ng/ul
RT: 22.83 min Scan# 6493
Delta R.T. 0.01 min
Lab File: BM021774.D
Acq: 03 Aug 2019 04:44

Tgt Ion:252 Resp: 629

Ion	Ratio	Lower	Upper
252	100		
253	66.3	0.0	62.8#
125	74.9	0.0	62.2#



Instrument :
BNA_M
ClientSampleId :
MDL-W-05

Manual Integrations APPROVED
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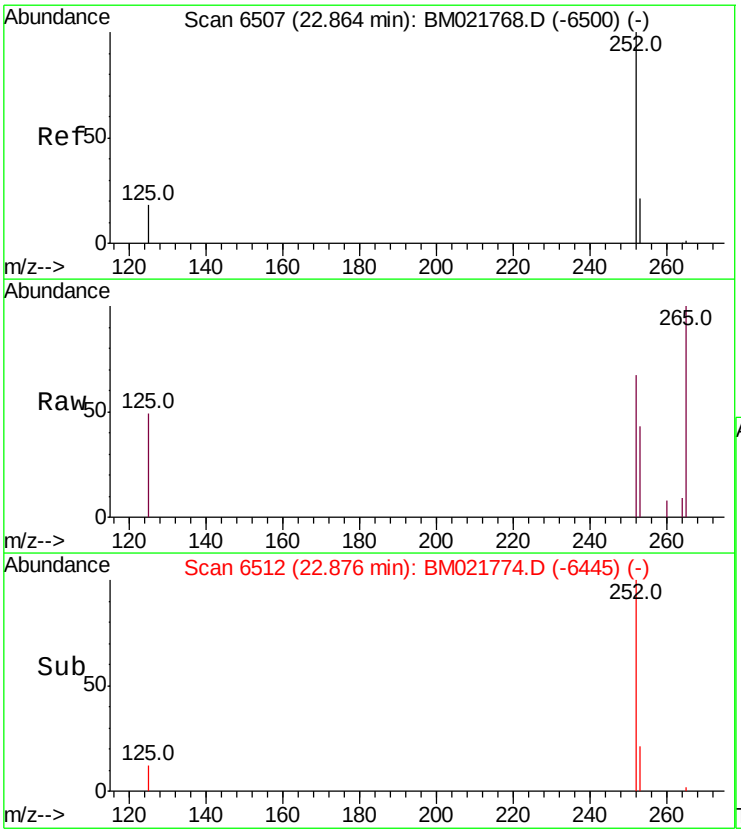
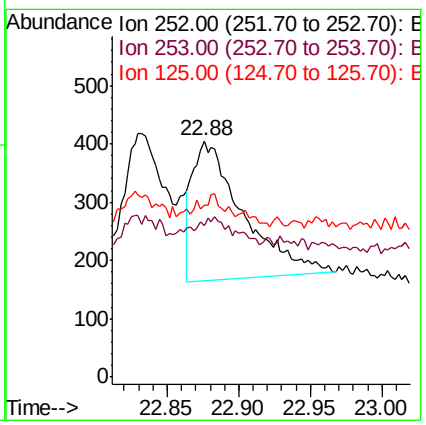
8/5/2019 8:35:06 AM

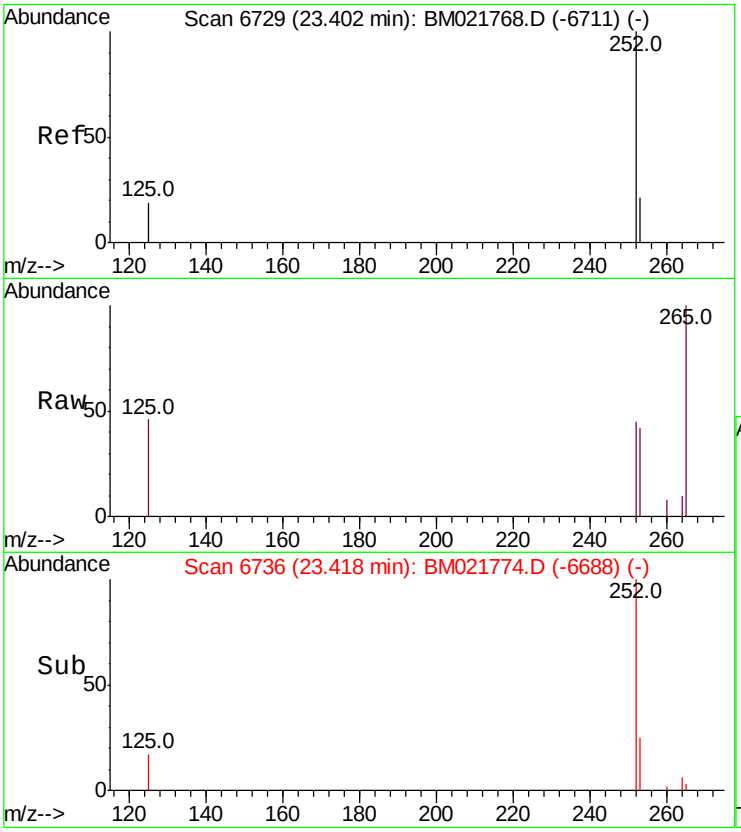


#22
Benzo(k)fluoranthene
Concen: 0.069 ng/ul
RT: 22.88 min Scan# 6512
Delta R.T. 0.01 min
Lab File: BM021774.D
Acq: 03 Aug 2019 04:44

Tgt Ion:252 Resp: 587

Ion	Ratio	Lower	Upper
252	100		
253	64.2	25.8	38.8#
125	72.8	27.0	40.4#

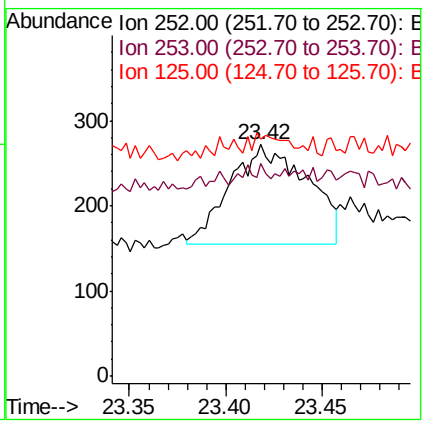




#23
Benzo(a)pyrene
Concen: 0.051 ng/ul m
RT: 23.42 min Scan# 6736
Delta R.T. 0.02 min
Lab File: BM021774.D
Acq: 03 Aug 2019 04:44

Tgt Ion:252 Resp: 324

Ion	Ratio	Lower	Upper
252	100		
253	91.9	32.4	48.6#
125	102.2	35.9	53.9#



Instrument :
BNA_M
ClientSampleId :
MDL-W-05

Manual Integrations APPROVED
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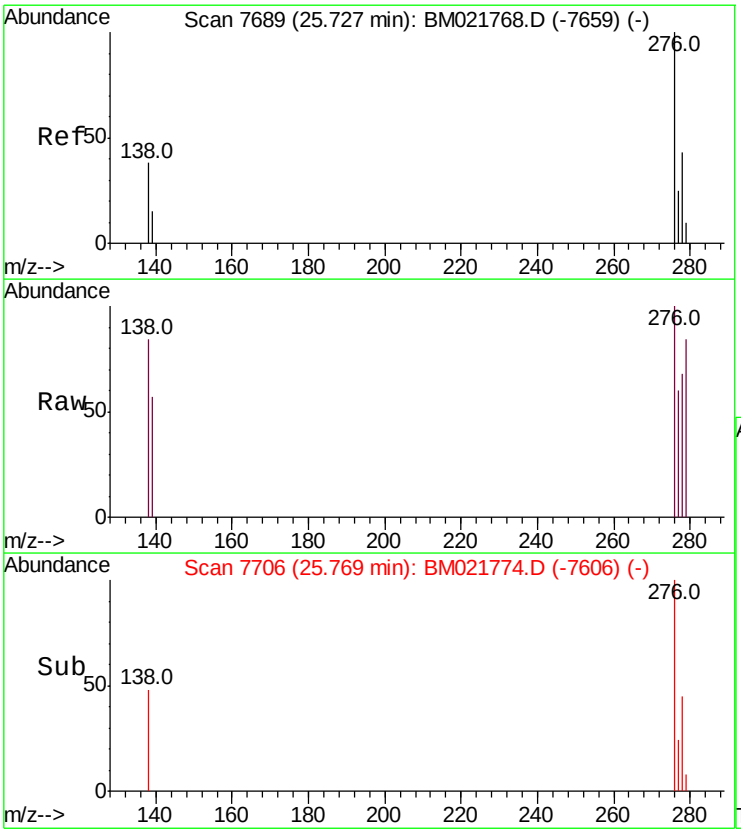
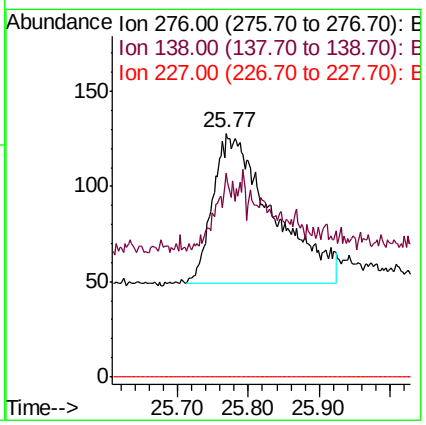
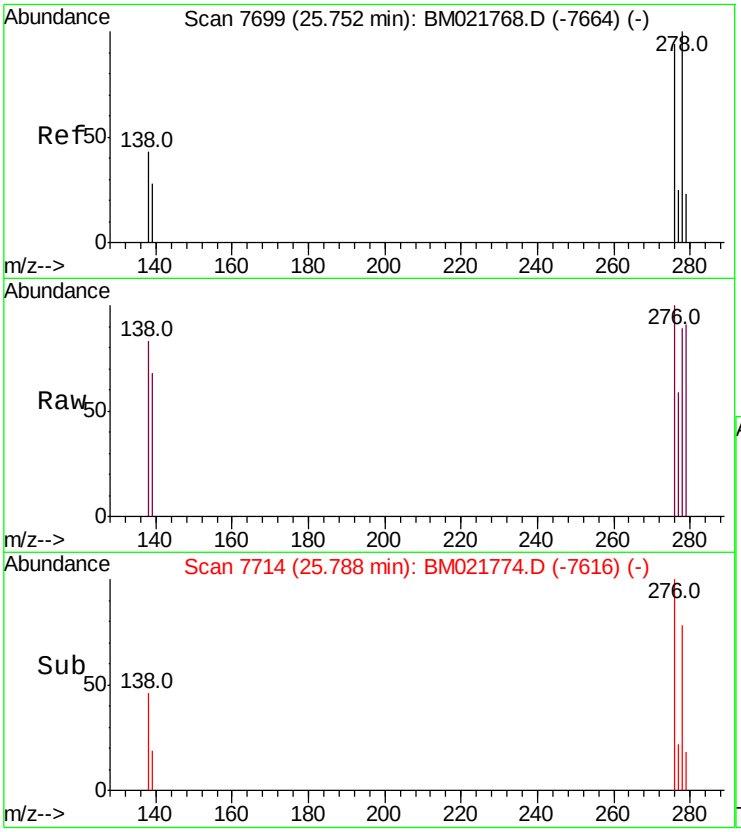


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.063 ng/ul
RT: 25.77 min Scan# 7706
Delta R.T. 0.04 min
Lab File: BM021774.D
Acq: 03 Aug 2019 04:44

Tgt Ion:276 Resp: 462

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

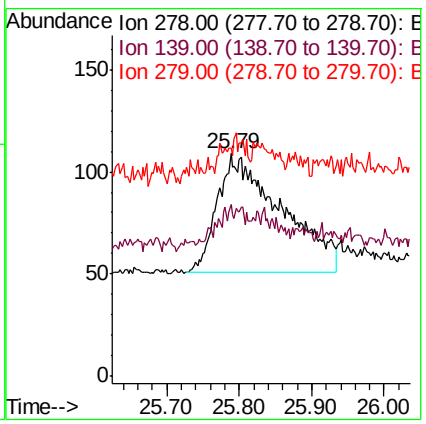




#25
Dibenzo(a,h)anthracene
Concen: 0.061 ng/ul
RT: 25.79 min Scan# 7714
Delta R.T. 0.04 min
Lab File: BM021774.D
Acq: 03 Aug 2019 04:44

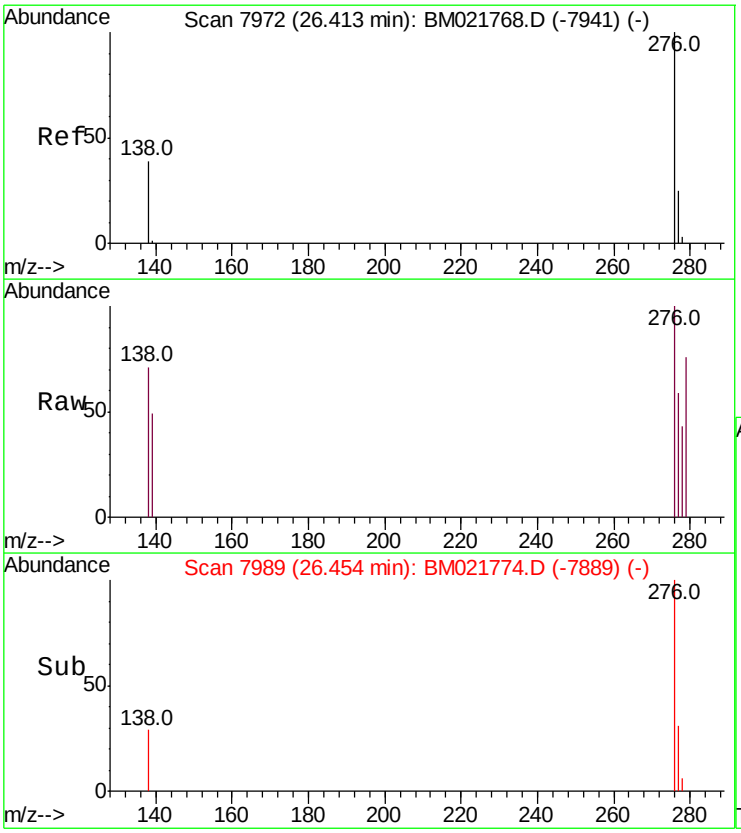
Tgt Ion:278 Resp: 352

Ion	Ratio	Lower	Upper
278	100		
139	77.1	29.5	44.3#
279	102.8	31.1	46.7#



Instrument :
BNA_M
ClientSampleId :
MDL-W-05

Manual Integrations APPROVED
mohammad
8/5/2019 8:35:06 AM



#26
Benzo(g,h,i)perylene
Concen: 0.066 ng/ul
RT: 26.45 min Scan# 7989
Delta R.T. 0.04 min
Lab File: BM021774.D
Acq: 03 Aug 2019 04:44

Tgt Ion:276 Resp: 466

Ion	Ratio	Lower	Upper
276	100		
138	70.9	36.2	54.2#
277	59.0	24.2	36.2#