Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080619\

Quantitation Report (Not Reviewed)

Data File : BM021884.D
Acq On : 07 Aug 2019 07:26
Operator : HP/JU
Sample : K3893-12
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEP16

Quant Time: Aug 07 08:30:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 08:28:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	878	0.40	ng/ul	0.00
2) Naphthalene-d8	10.41	136	3620	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.28	164	2113	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.13	188	296142	0.40	ng/ul	0.08
16) Chrysene-d12	0.00	240	0	0.00	ng/ul	-21.24
20) Perylene-d12	23.31	264	392103	0.40	ng/ul	-0.15
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.00	152	1510	0.25	ng/ul	-0.03
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds						Qvalue
3) Naphthalene	10.46	128	3982	0.389	ng/ul	96
5) 2-Methylnaphthalene	12.08	142	2753	0.404	ng/ul	99
7) Acenaphthylene	14.00	152	14468	1.468	ng/ul#	82
8) Acenaphthene	14.34	153	2624	0.325	ng/ul	98
9) Fluorene	15.33	166	3947	0.441	ng/ul	99
12) Phenanthrene	17.17	178	22416	0.026	ng/ul	99
21) Benzo(b)fluoranthene	22.79	252	242401	0.183	ng/ul	85
22) Benzo(k)fluoranthene	22.79	252	231358	0.155	ng/ul#	85
23) Benzo(a)pyrene	23.26	252	90686	0.067	ng/ul#	81
26) Benzo(g,h,i)perylene	26.35	276	74072	0.051	ng/ul	95

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

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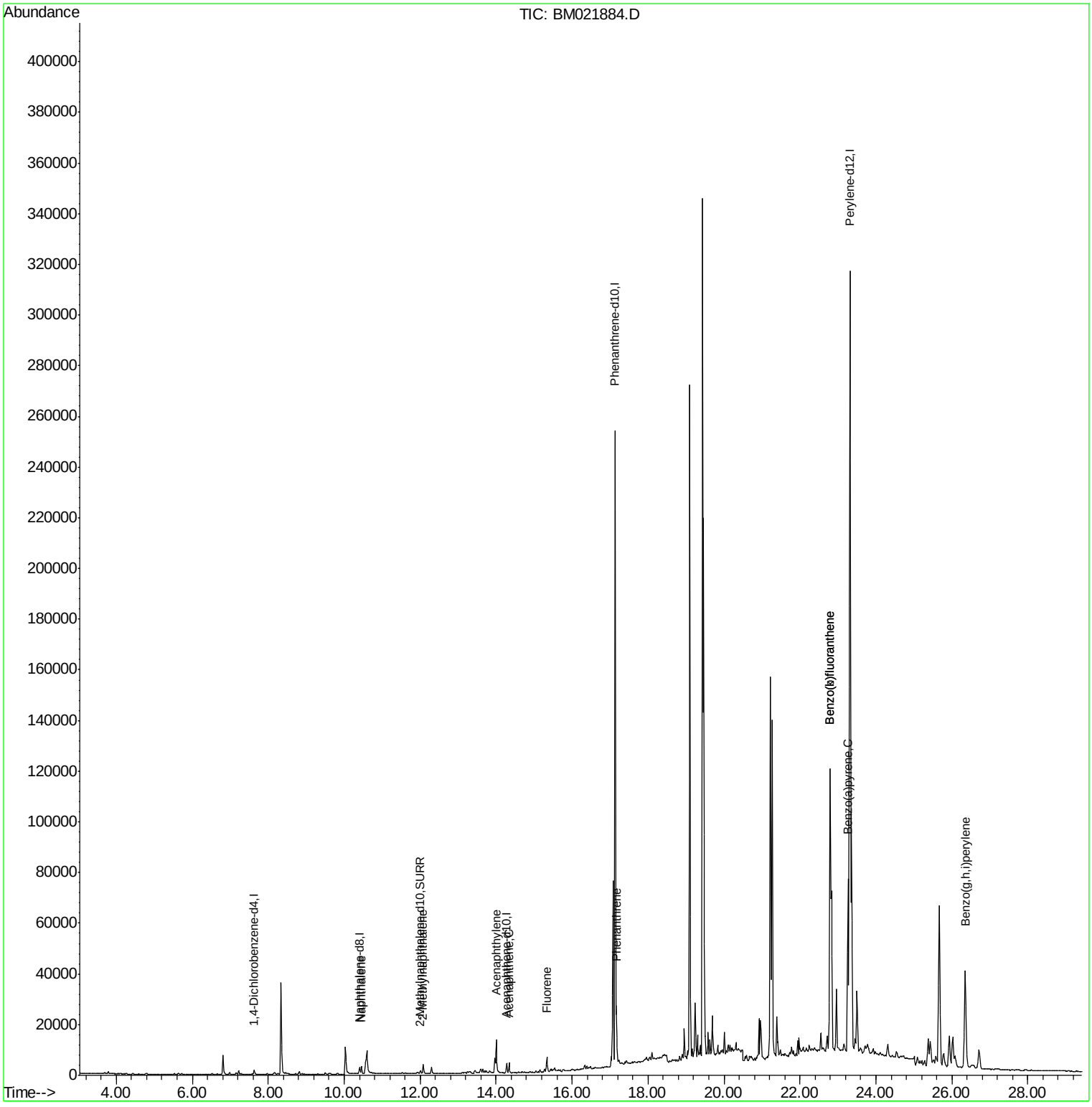
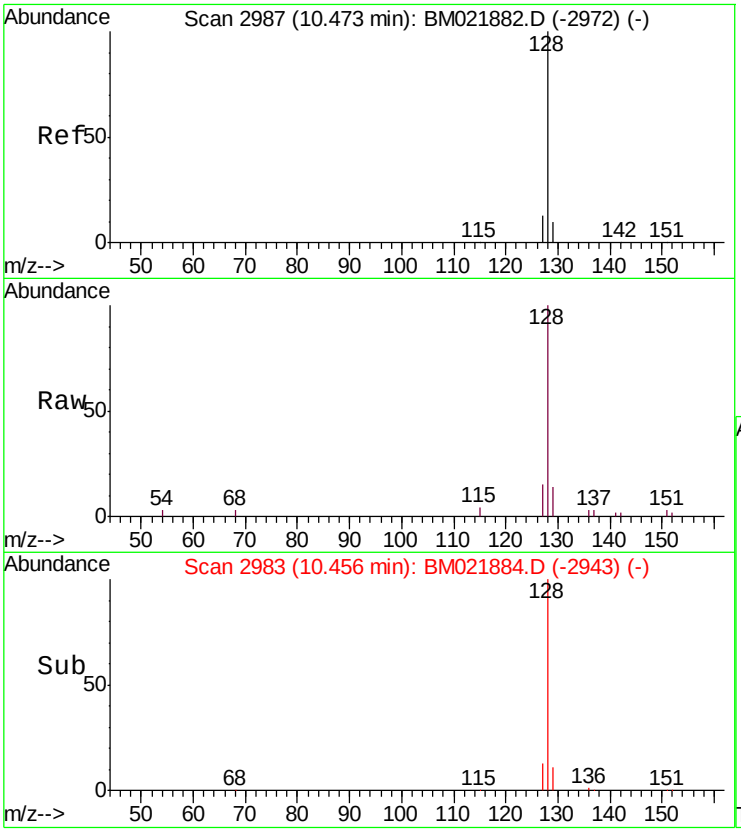


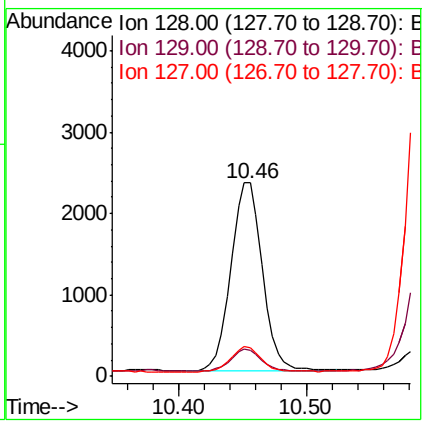


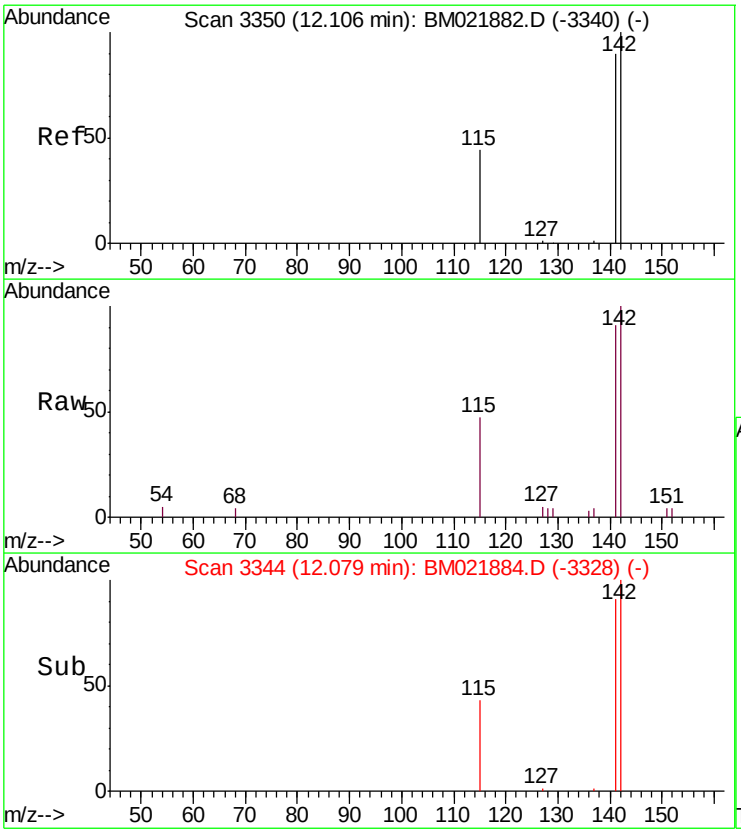
#3
Naphthalene
Concen: 0.389 ng/ul
RT: 10.46 min Scan# 2983
Delta R.T. -0.02 min
Lab File: BM021884.D
Acq: 07 Aug 2019 07:26

Instrument :
BNA_M
ClientSampleId :
BEP16

Tgt Ion:128 Resp: 3982

Ion	Ratio	Lower	Upper
128	100		
129	13.6	12.3	18.5
127	14.7	13.0	19.6

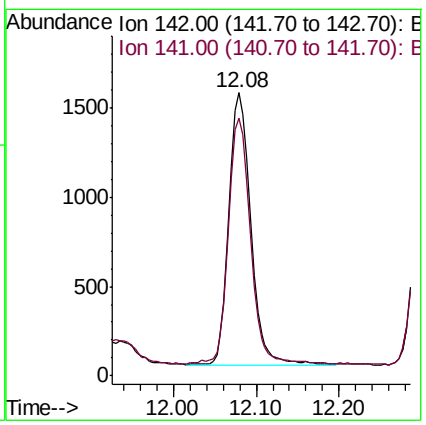


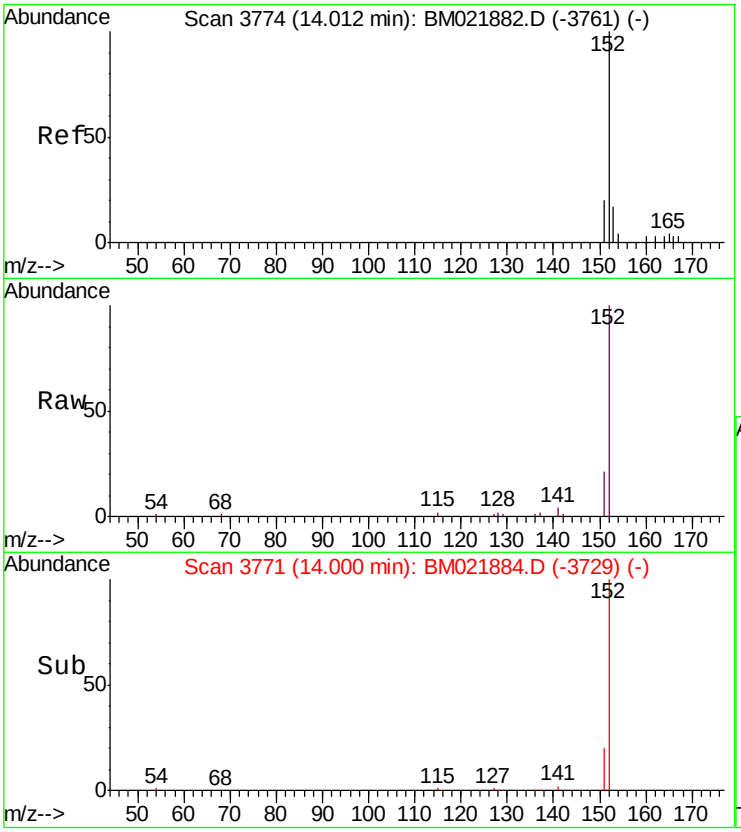


#5
2-Methylnaphthalene
Concen: 0.404 ng/ul
RT: 12.08 min Scan# 3344
Delta R.T. -0.03 min
Lab File: BM021884.D
Acq: 07 Aug 2019 07:26

Tgt Ion:142 Resp: 2753

Ion	Ratio	Lower	Upper
142	100		
141	92.0	74.3	111.5



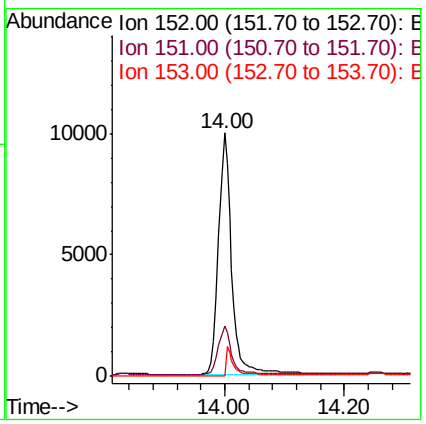


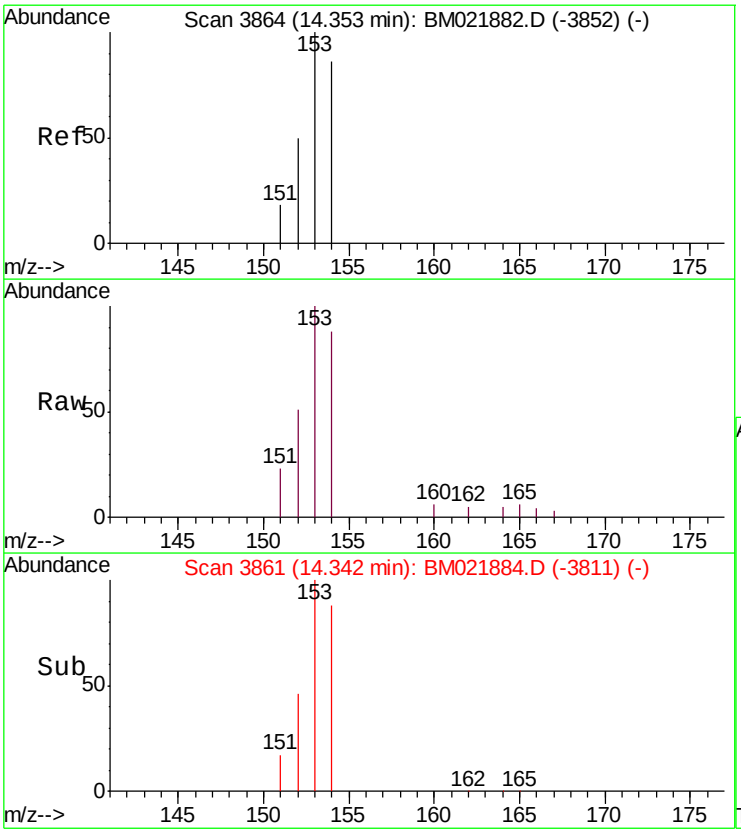
#7
Acenaphthylene
Concen: 1.468 ng/ul
RT: 14.00 min Scan# 3771
Delta R.T. -0.01 min
Lab File: BM021884.D
Acq: 07 Aug 2019 07:26

Instrument :
BNA_M
ClientSampleId :
BEP16

Tgt Ion:152 Resp: 14468

Ion	Ratio	Lower	Upper
152	100		
151	20.6	18.3	27.5
153	0.0	12.8	19.2#

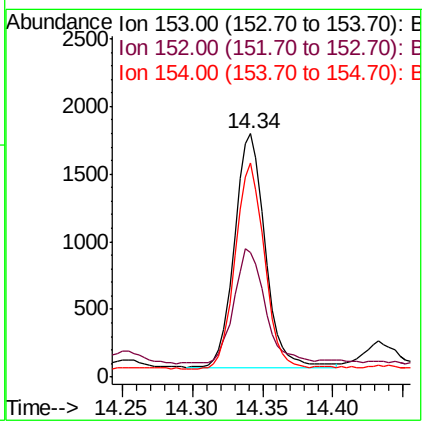


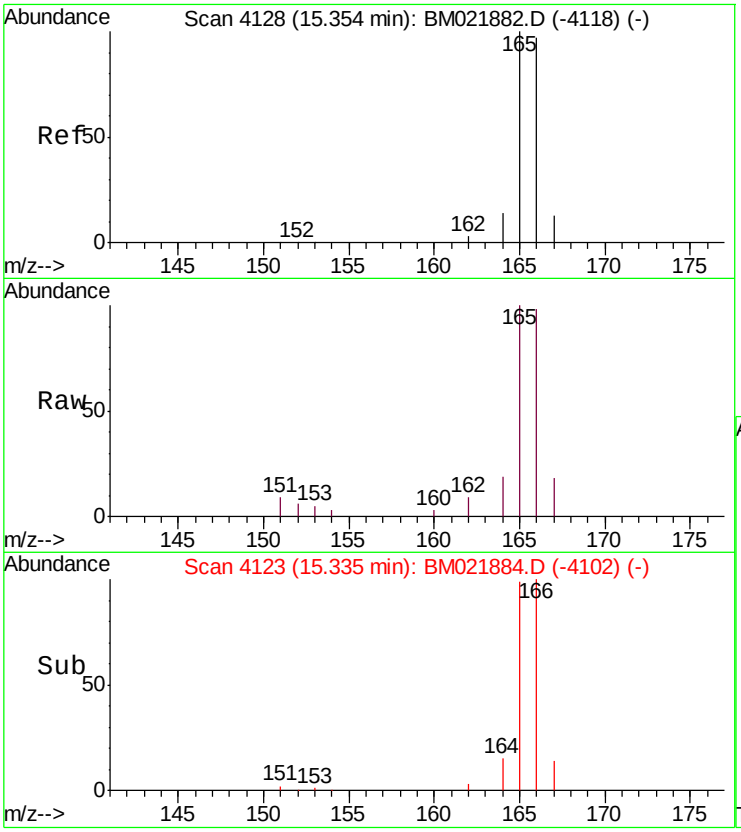


#8
Acenaphthene
Concen: 0.325 ng/ul
RT: 14.34 min Scan# 3861
Delta R.T. -0.01 min
Lab File: BM021884.D
Acq: 07 Aug 2019 07:26

Tgt Ion:153 Resp: 2624

Ion	Ratio	Lower	Upper
153	100		
152	51.3	41.3	61.9
154	87.8	72.3	108.5



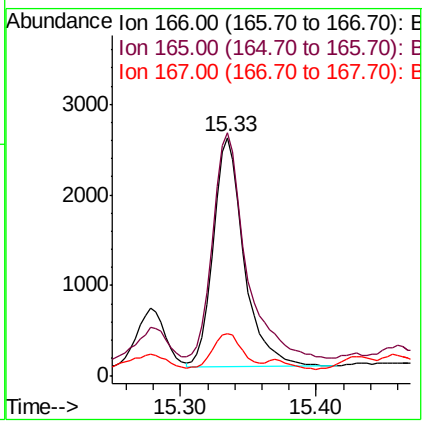


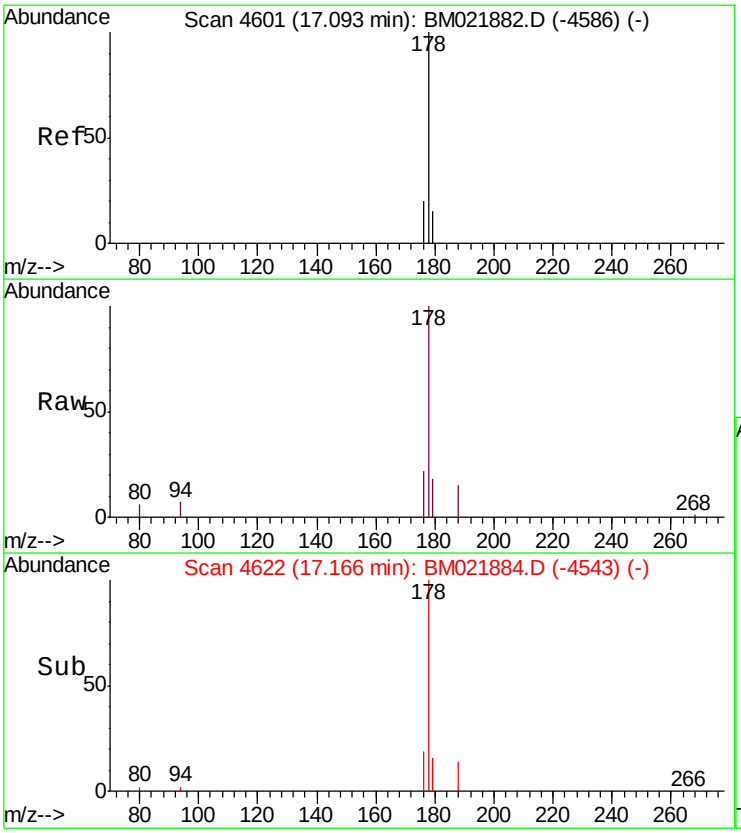
#9
Fluorene
Concen: 0.441 ng/ul
RT: 15.33 min Scan# 4123
Delta R.T. -0.02 min
Lab File: BM021884.D
Acq: 07 Aug 2019 07:26

Instrument :
BNA_M
ClientSampleId :
BEP16

Tgt Ion:166 Resp: 3947

Ion	Ratio	Lower	Upper
166	100		
165	102.0	81.4	122.0
167	18.1	13.7	20.5

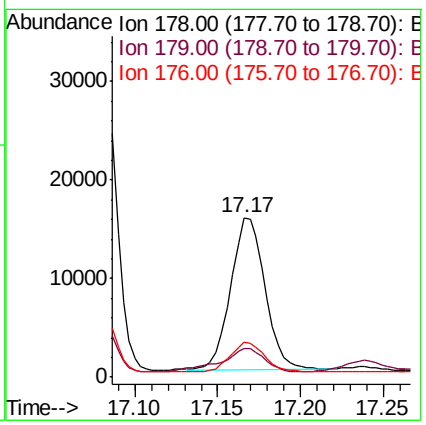


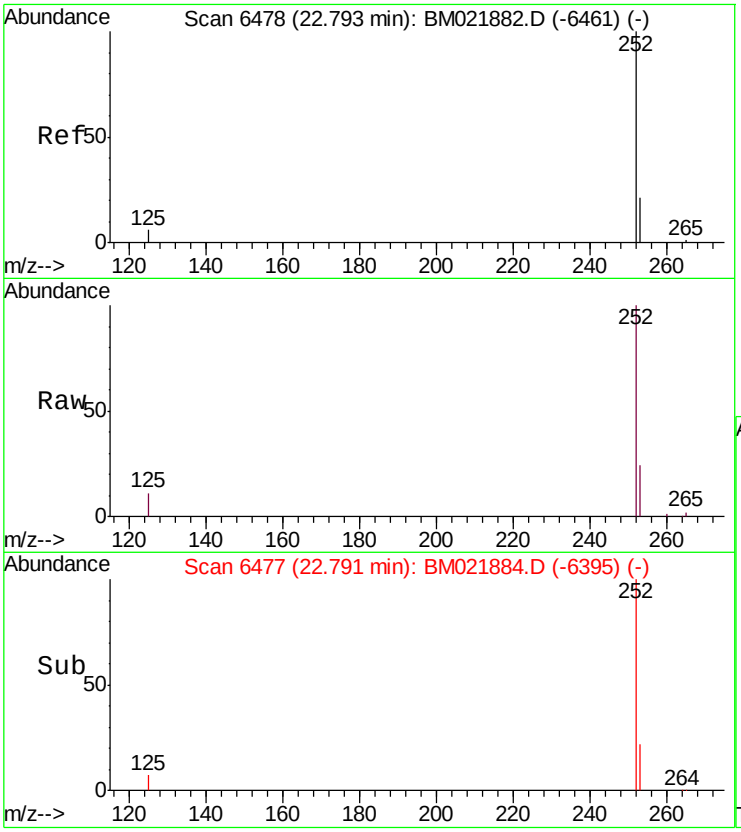


#12
Phenanthrene
Concen: 0.026 ng/ul
RT: 17.17 min Scan# 4622
Delta R.T. 0.07 min
Lab File: BM021884.D
Acq: 07 Aug 2019 07:26

Tgt Ion:178 Resp: 22416

Ion	Ratio	Lower	Upper
178	100		
179	17.8	14.2	21.2
176	21.6	16.8	25.2



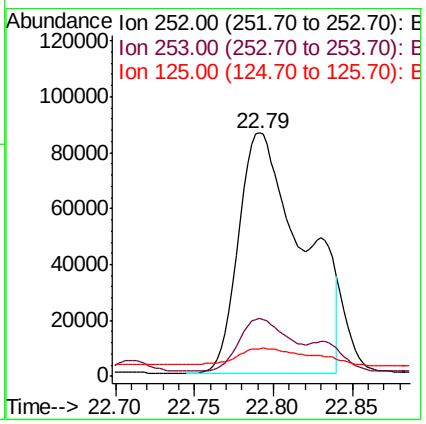


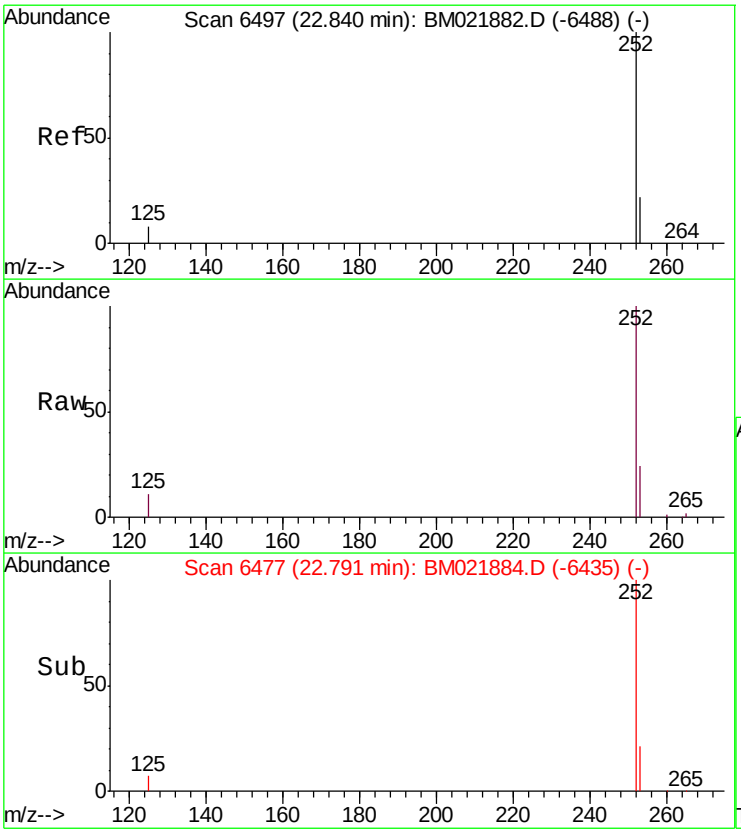
#21
Benzo(b)fluoranthene
Concen: 0.183 ng/ul
RT: 22.79 min Scan# 6477
Delta R.T. -0.00 min
Lab File: BM021884.D
Acq: 07 Aug 2019 07:26

Instrument :
BNA_M
ClientSampleId :
BEP16

Tgt Ion:252 Resp: 242401

Ion	Ratio	Lower	Upper
252	100		
253	23.8	0.0	67.4
125	11.4	0.0	31.0

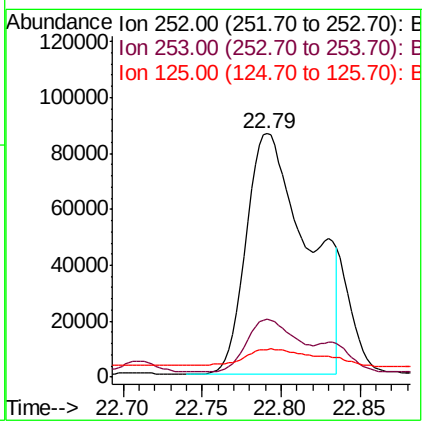


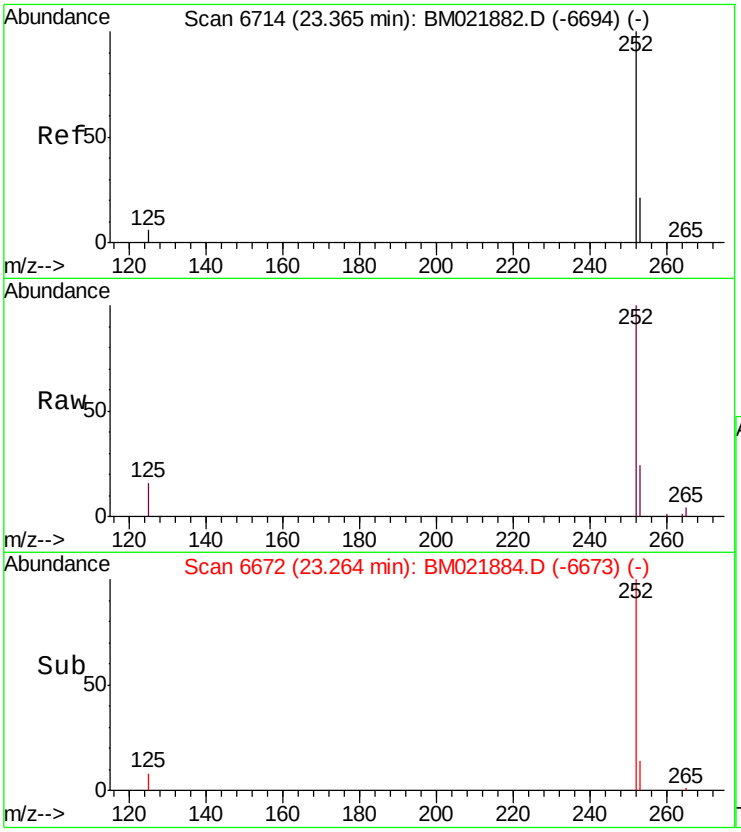


#22
Benzo(k)fluoranthene
Concen: 0.155 ng/ul
RT: 22.79 min Scan# 6477
Delta R.T. -0.05 min
Lab File: BM021884.D
Acq: 07 Aug 2019 07:26

Tgt Ion:252 Resp: 231358

Ion	Ratio	Lower	Upper
252	100		
253	23.8	27.0	40.4#
125	11.4	12.2	18.2#



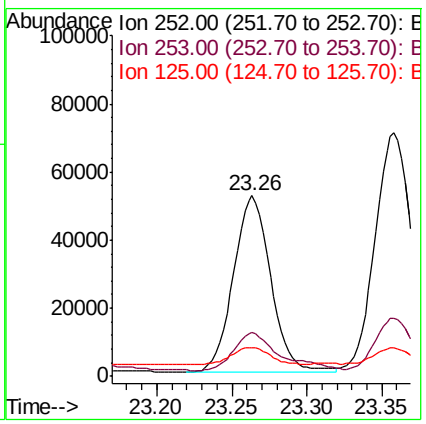


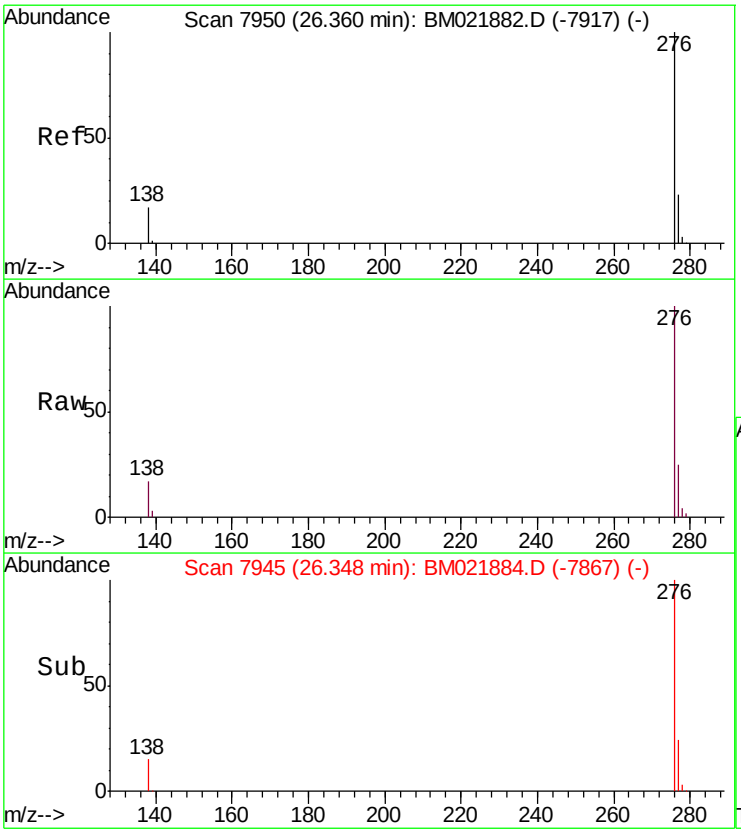
#23
Benzo(a)pyrene
Concen: 0.067 ng/ul
RT: 23.26 min Scan# 6672
Delta R.T. -0.10 min
Lab File: BM021884.D
Acq: 07 Aug 2019 07:26

Instrument :
BNA_M
ClientSampleId :
BEP16

Tgt Ion:252 Resp: 90686

Ion	Ratio	Lower	Upper
252	100		
253	24.1	31.7	47.5#
125	16.0	14.6	21.8





#26
Benzo(g,h,i)perylene
Concen: 0.051 ng/ul
RT: 26.35 min Scan# 7945
Delta R.T. -0.01 min
Lab File: BM021884.D
Acq: 07 Aug 2019 07:26

Tgt Ion:276 Resp: 74072

Ion	Ratio	Lower	Upper
276	100		
138	16.8	15.5	23.3
277	24.8	21.4	32.2