Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080719\
Data File : BM021960.D
Acq On : 09 Aug 2019 08:42
Operator : HP/JU
Sample : K4029-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Aug 09 09:22:01 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 : Fri Aug 09 01:29:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	980	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.39	136	4061	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.27	164	2259	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.12	188	342016	0.40	ng/ul	0.08
16) Chrysene-d12	0.00	240	0	0.00	ng/ul	-21.24
20) Perylene-d12	23.30	264	436002	0.40	ng/ul	-0.15
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	1751	0.26	ng/ul	-0.01
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds						Qvalue
3) Naphthalene	10.44	128	1076	0.094	ng/ul#	90
5) 2-Methylnaphthalene	12.08	142	528	0.069	ng/ul	96
7) Acenaphthylene	13.99	152	3252	0.309	ng/ul#	77
8) Acenaphthene	14.33	153	1269	0.147	ng/ul	95
9) Fluorene	15.33	166	1630	0.170	ng/ul	96
21) Benzo(b)fluoranthene	22.78	252	85433	0.058	ng/ul	83
22) Benzo(k)fluoranthene	22.78	252	79960	0.048	ng/ul#	83
23) Benzo(a)pyrene	23.25	252	33089	0.022	ng/ul#	79

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

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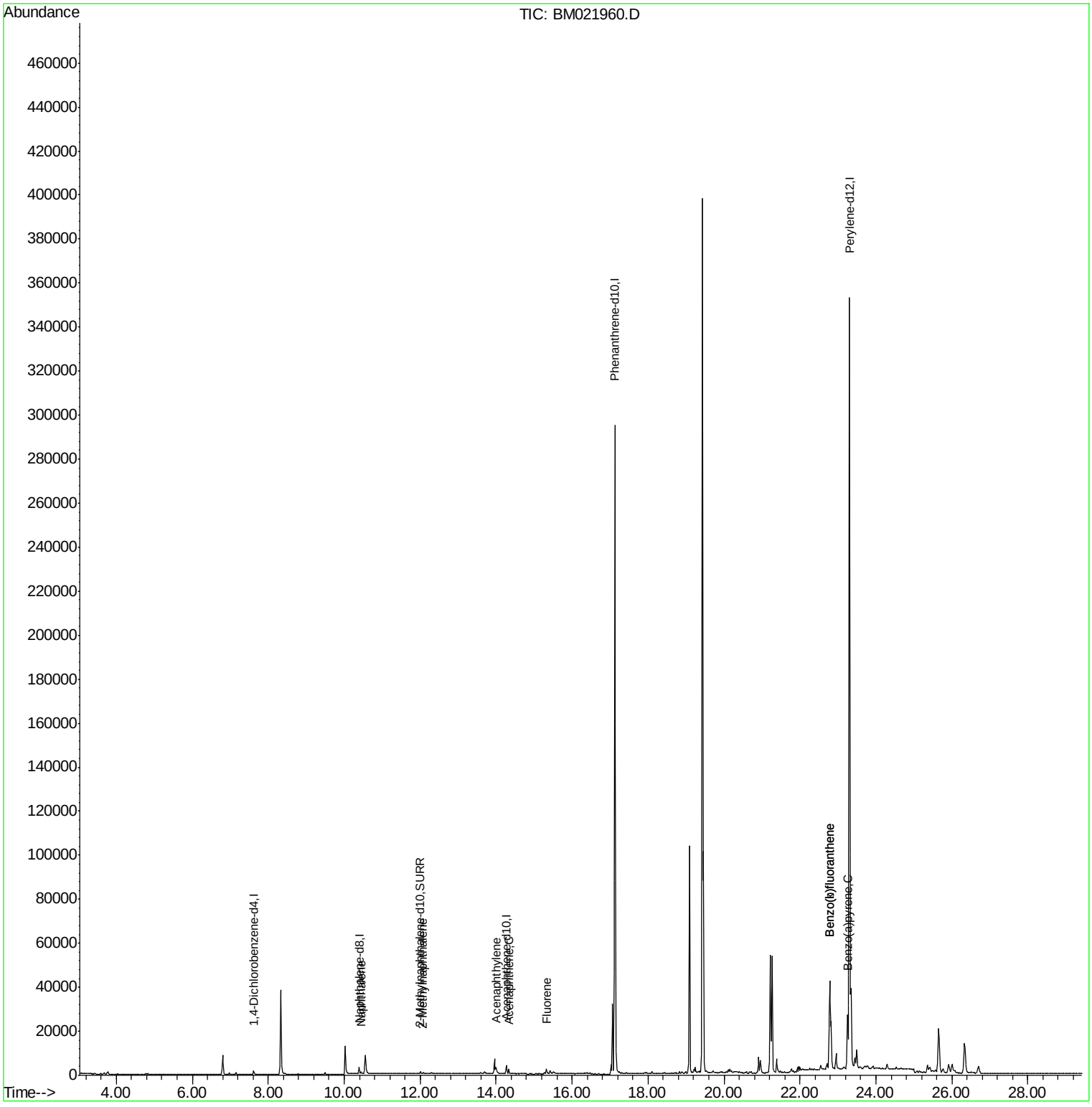
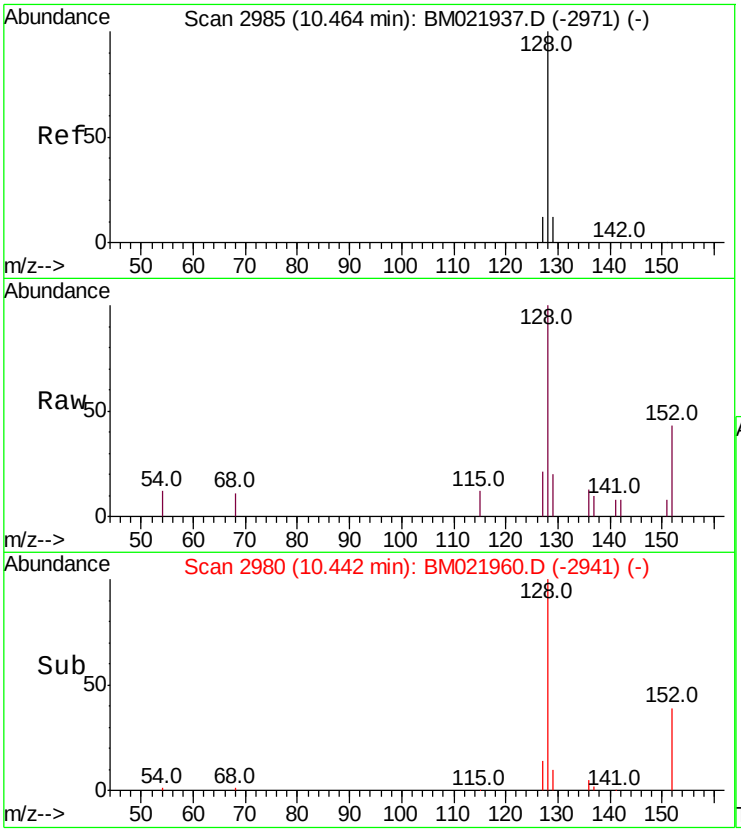


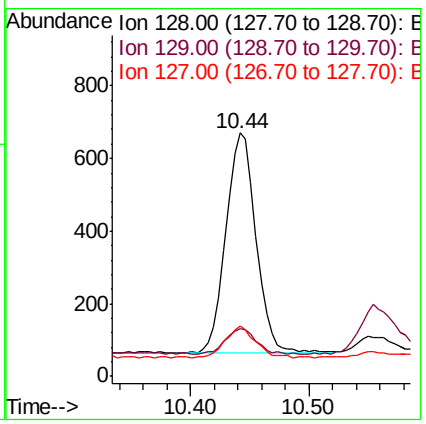


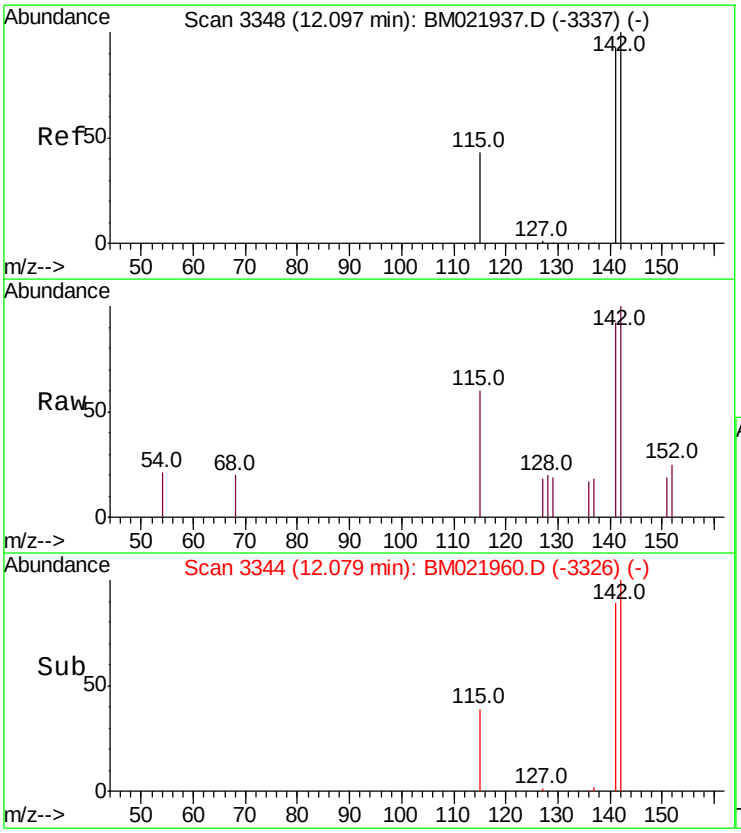
#3
Naphthalene
Concen: 0.094 ng/ul
RT: 10.44 min Scan# 2980
Delta R.T. -0.02 min
Lab File: BM021960.D
Acq: 09 Aug 2019 08:42

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:128 Resp: 1076

Ion	Ratio	Lower	Upper
128	100		
129	19.7	12.3	18.5#
127	20.7	13.0	19.6#

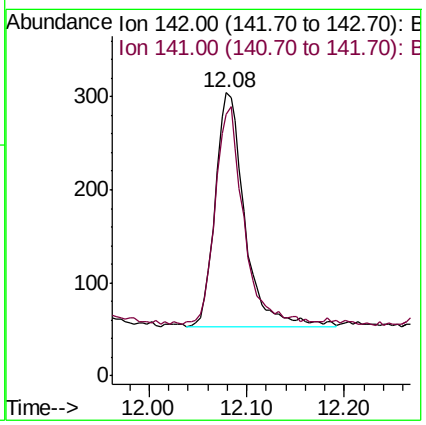


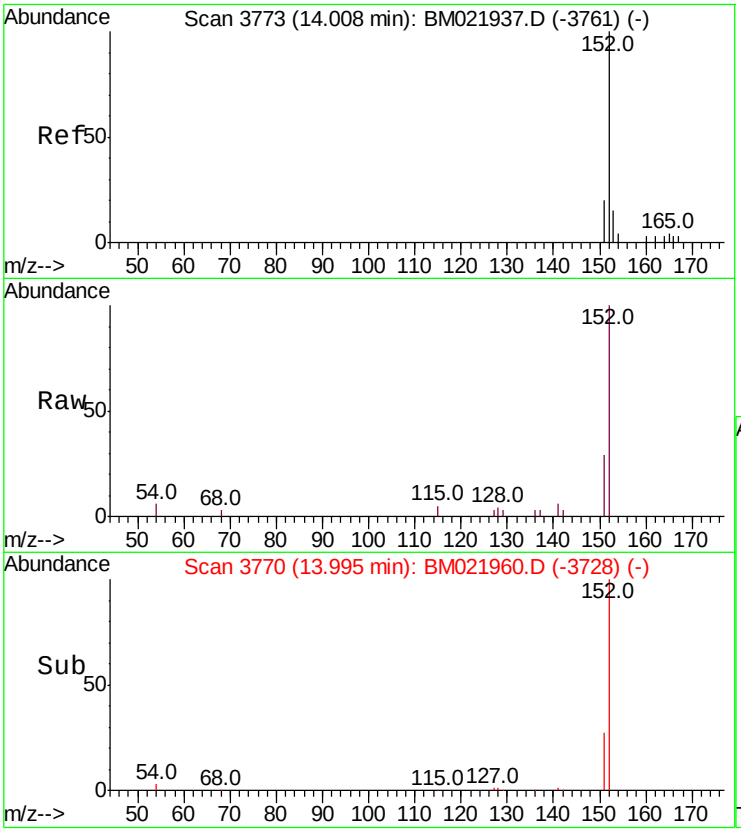


#5
2-Methylnaphthalene
Concen: 0.069 ng/ul
RT: 12.08 min Scan# 3344
Delta R.T. -0.02 min
Lab File: BM021960.D
Acq: 09 Aug 2019 08:42

Tgt Ion:142 Resp: 528

Ion	Ratio	Lower	Upper
142	100		
141	89.4	74.3	111.5



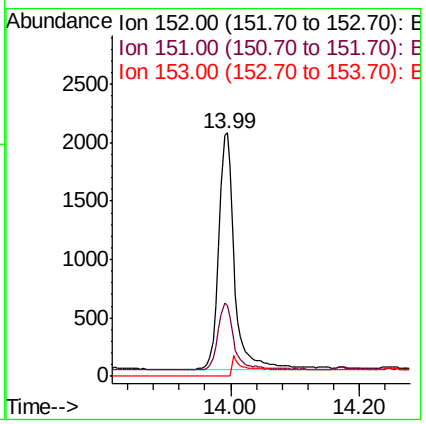


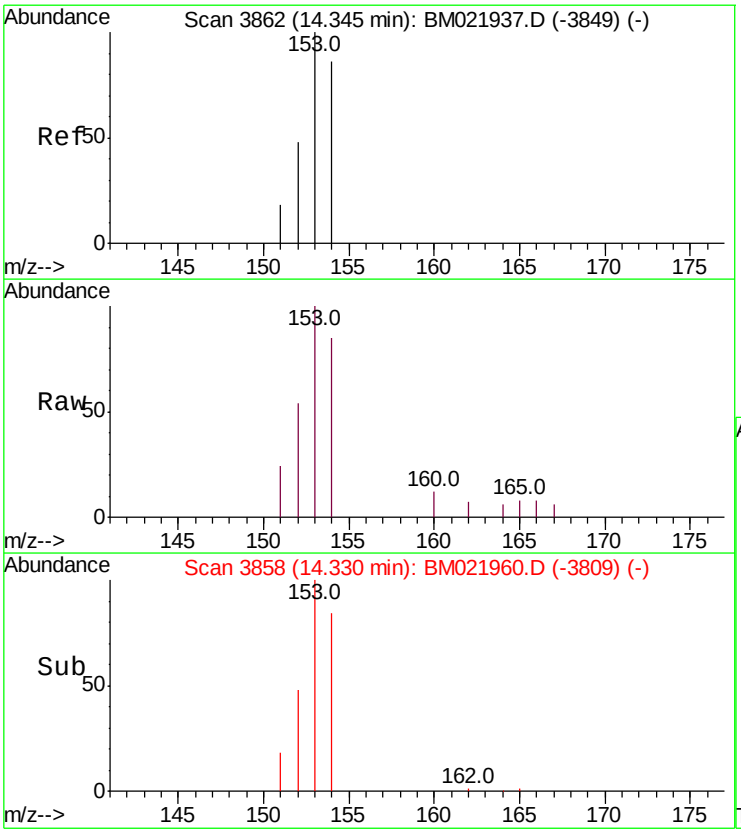
#7
Acenaphthylene
Concen: 0.309 ng/ul
RT: 13.99 min Scan# 3770
Delta R.T. -0.01 min
Lab File: BM021960.D
Acq: 09 Aug 2019 08:42

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 3252

Ion	Ratio	Lower	Upper
152	100		
151	29.2	18.3	27.5#
153	0.0	12.8	19.2#

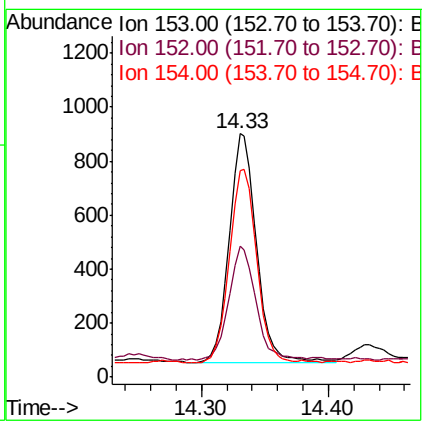


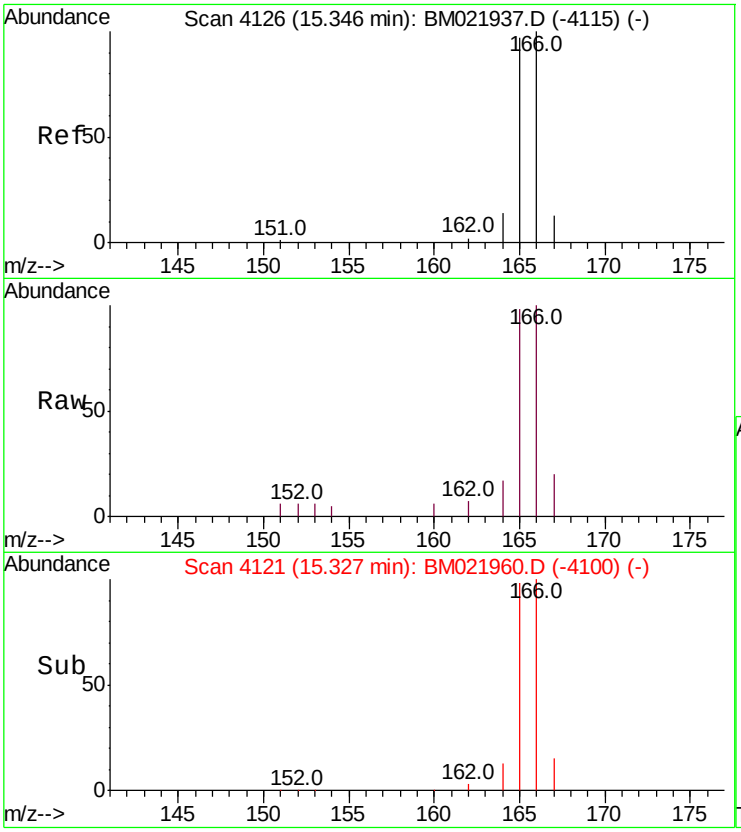


#8
Acenaphthene
Concen: 0.147 ng/ul
RT: 14.33 min Scan# 3858
Delta R.T. -0.02 min
Lab File: BM021960.D
Acq: 09 Aug 2019 08:42

Tgt Ion:153 Resp: 1269

Ion	Ratio	Lower	Upper
153	100		
152	53.7	41.3	61.9
154	84.7	72.3	108.5



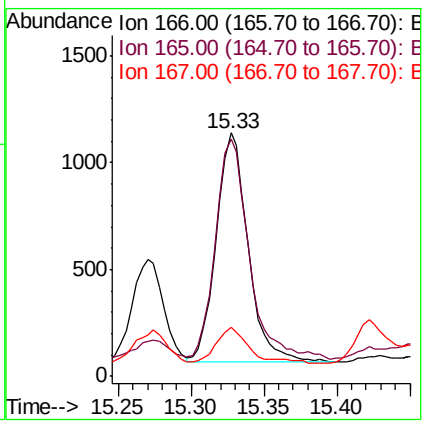


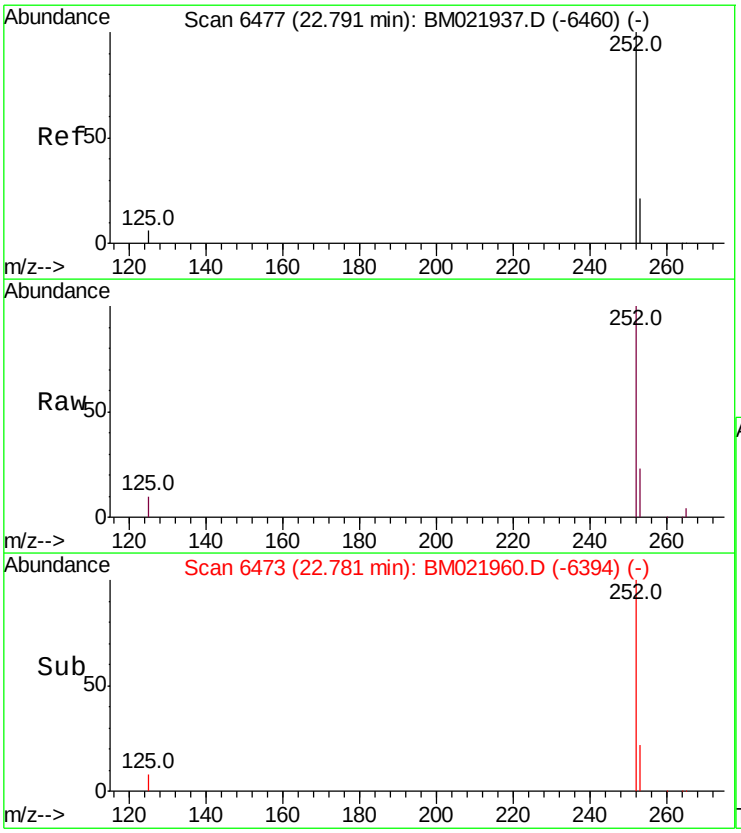
#9
Fluorene
Concen: 0.170 ng/ul
RT: 15.33 min Scan# 4121
Delta R.T. -0.02 min
Lab File: BM021960.D
Acq: 09 Aug 2019 08:42

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:166 Resp: 1630

Ion	Ratio	Lower	Upper
166	100		
165	97.6	81.4	122.0
167	19.9	13.7	20.5

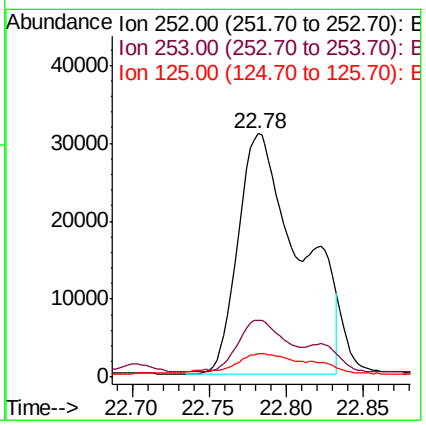


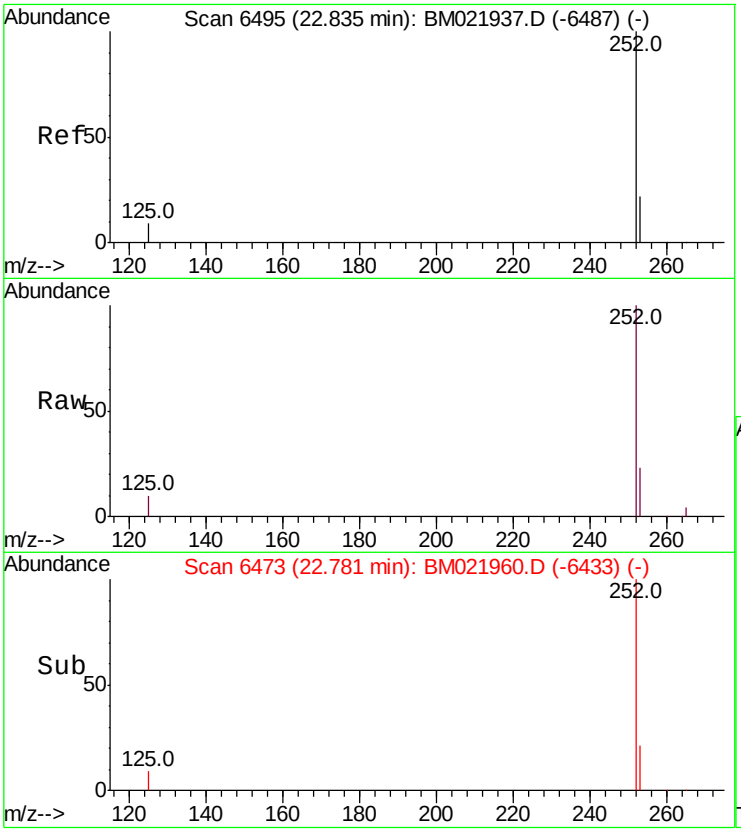


#21
Benzo(b)fluoranthene
Concen: 0.058 ng/ul
RT: 22.78 min Scan# 6473
Delta R.T. -0.01 min
Lab File: BM021960.D
Acq: 09 Aug 2019 08:42

Tgt Ion:252 Resp: 85433

Ion	Ratio	Lower	Upper
252	100		
253	23.4	0.0	67.4
125	9.6	0.0	31.0



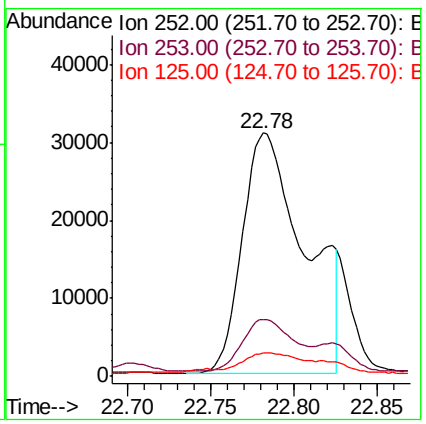


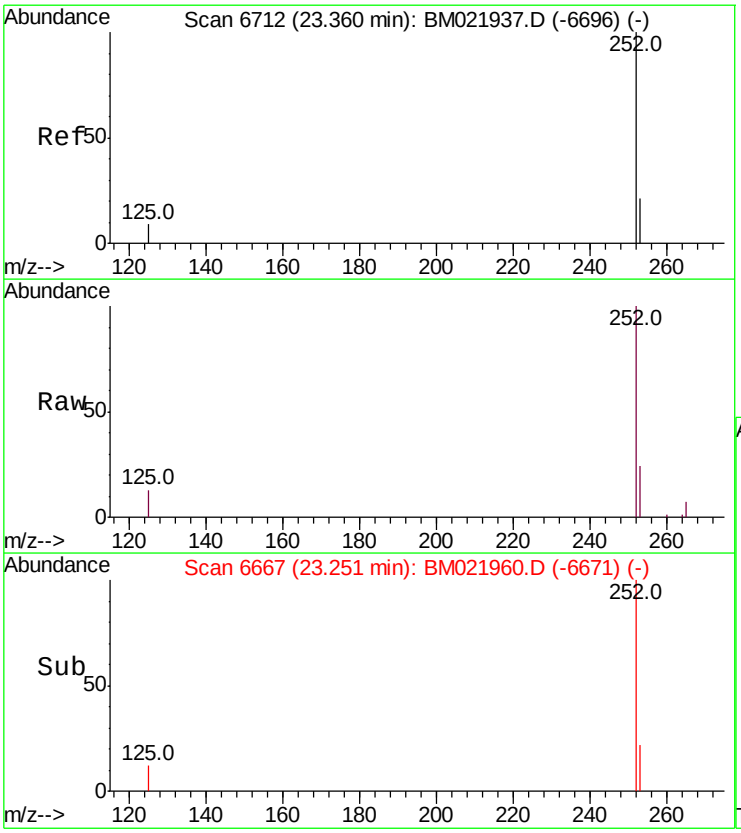
#22
Benzo(k)fluoranthene
Concen: 0.048 ng/ul
RT: 22.78 min Scan# 6473
Delta R.T. -0.05 min
Lab File: BM021960.D
Acq: 09 Aug 2019 08:42

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 79960

Ion	Ratio	Lower	Upper
252	100		
253	23.4	27.0	40.4#
125	9.6	12.2	18.2#





#23
Benzo(a)pyrene
Concen: 0.022 ng/ul
RT: 23.25 min Scan# 6667
Delta R.T. -0.11 min
Lab File: BM021960.D
Acq: 09 Aug 2019 08:42

Tgt Ion:252 Resp: 33089

Ion	Ratio	Lower	Upper
252	100		
253	24.3	31.7	47.5#
125	13.3	14.6	21.8#