Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072519\
Data File : BM021659.D
Acq On : 26 Jul 2019 05:33
Operator : HP/JU
Sample : K3893-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEP02

Quant Time: Jul 26 08:08:10 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 24 01:21:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	131679	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	624643	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.34	164	460286	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.10	188	1097556	20.00	ng/ul	0.00
77) Chrysene-d12	21.29	240	1288314	20.00	ng/ul	0.00
85) Perylene-d12	23.53	264	1357773	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	7426	3.07	ng/uL	0.00
5) Phenol-d5	6.88	99	193077	17.29	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	122213	18.86	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	166982	19.06	ng/ul	0.00
13) 4-Methylphenol-d8	8.40	113	168984	17.71	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	92218	19.95	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.57	143	103312	20.83	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.11	165	206492	18.67	ng/ul	0.00
29) 4-Chloroaniline-d4	10.63	131	239821	22.35	ng/ul	0.00
43) Dimethylphthalate-d6	13.76	166	748411	18.98	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	855875	17.84	ng/ul	0.00
51) 4-Nitrophenol-d4	14.58	143	45726	6.76	ng/ul	0.01
57) Fluorene-d10	15.34	176	693229	19.48	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.48	200	40308	5.86	ng/ul	0.00
70) Anthracene-d10	17.19	188	1136776	21.05	ng/ul	0.00
78) Pyrene-d10	19.49	212	1401011	22.28	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.39	264	1469511	20.27	ng/ul	-0.01
Target Compounds						Qvalue
44) Dimethylphthalate	13.80	163	136340	3.601	ng/ul	98
76) Fluoranthene	19.16	202	128732	1.734	ng/ul	100
79) Pyrene	19.52	202	149557	1.949	ng/ul	98
82) Benzo(a)anthracene	21.27	228	106876	1.265	ng/ul	98
84) Chrysene	21.32	228	103727	1.288	ng/ul	97
87) Benzo(b)fluoranthene	22.86	252	129136	1.573	ng/ul#	95
90) Benzo(a)pyrene	23.43	252	91413	1.160	ng/ul#	91

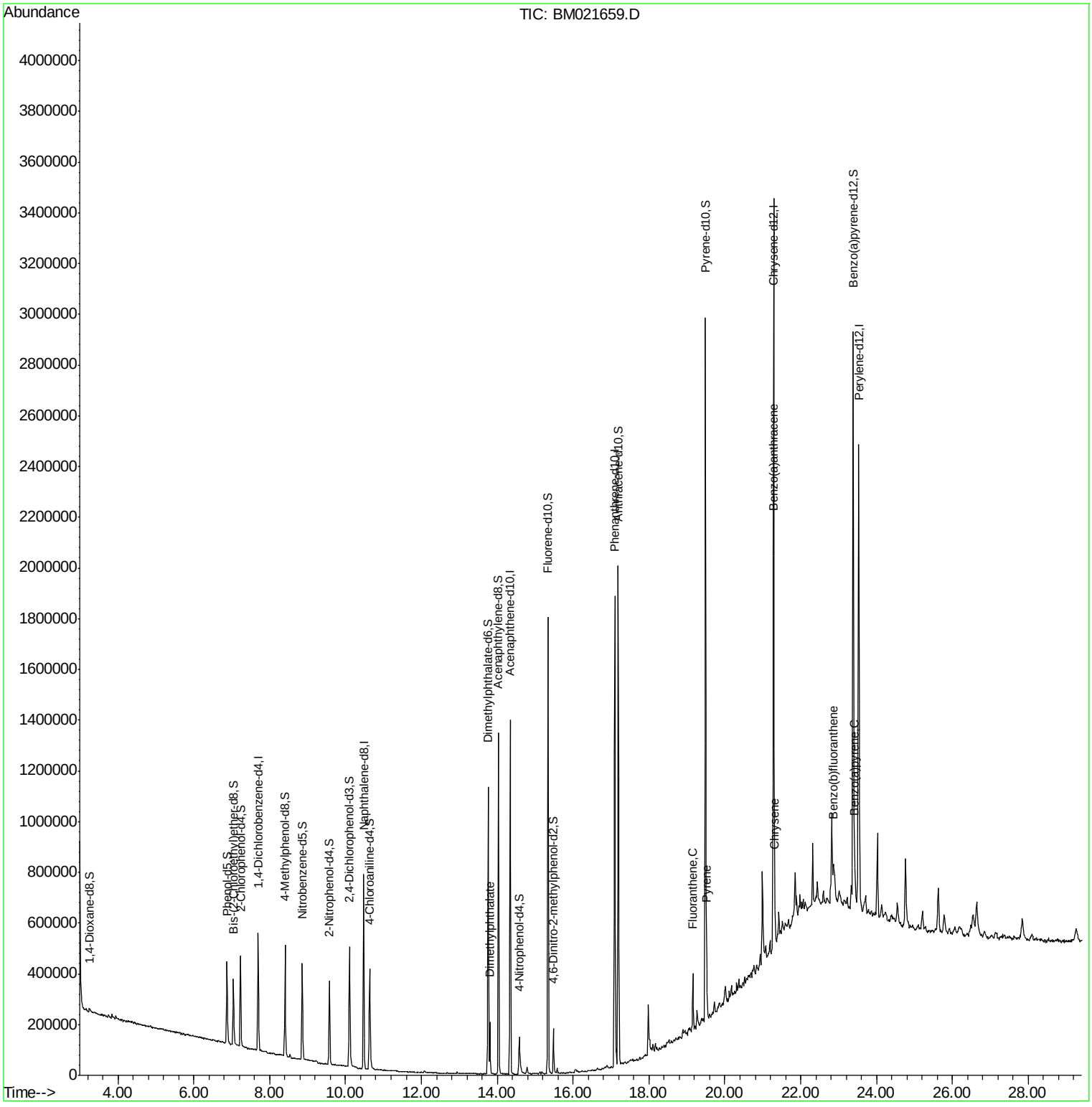
(#) = qualifier out of range (m) = manual integration (+) = signals summed

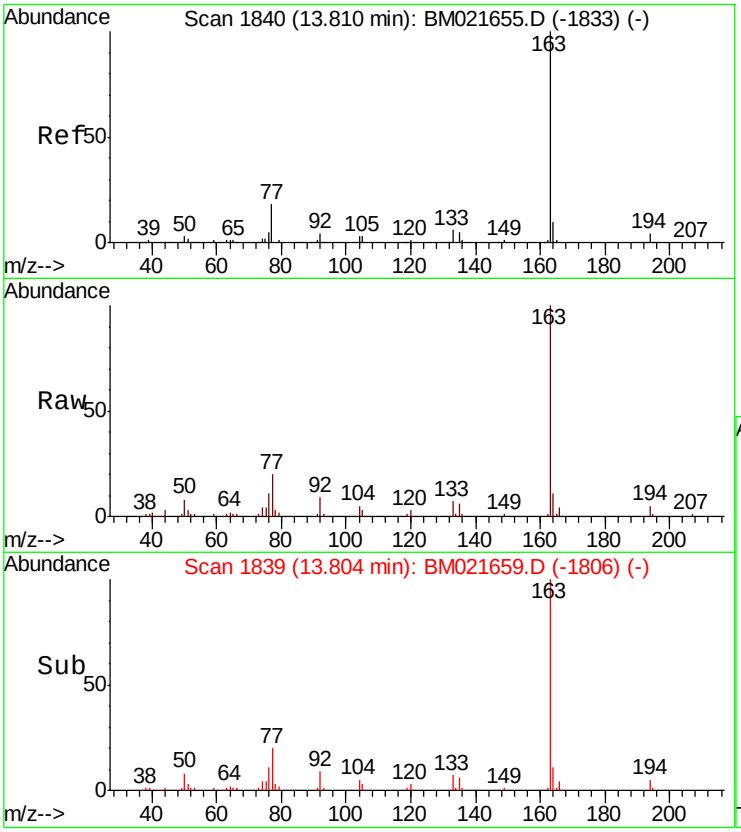
Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072519\
Data File : BM021659.D
Acq On : 26 Jul 2019 05:33
Operator : HP/JU
Sample : K3893-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEP02

Quant Time: Jul 26 08:08:10 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 24 01:21:49 2019
Response via : Initial Calibration



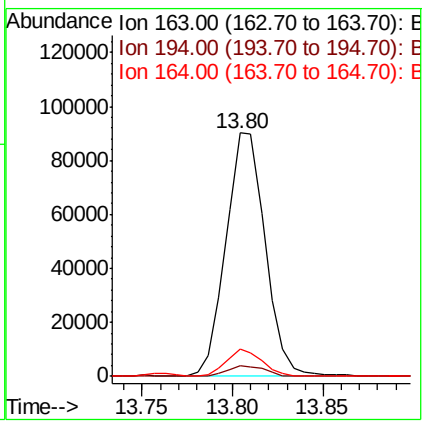


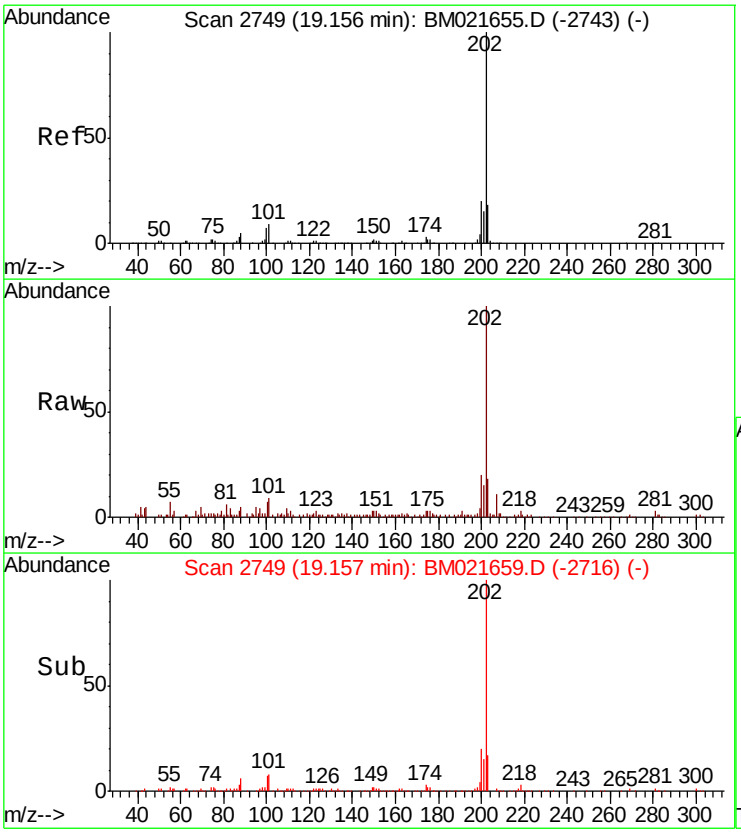
#44
Dimethylphthalate
Concen: 3.601 ng/ul
RT: 13.80 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BM021659.D
Acq: 26 Jul 2019 05:33

Instrument :
BNA_M
ClientSampleId :
BEP02

Tgt Ion:163 Resp: 136340

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.2	4.8
164	11.0	8.2	12.4

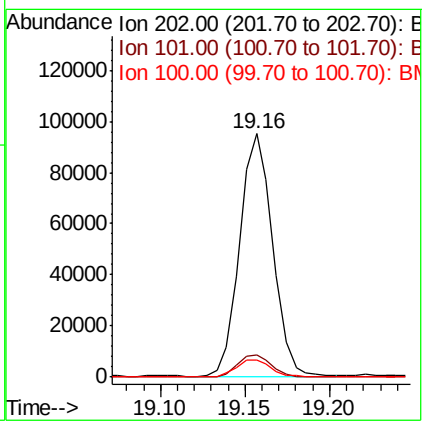


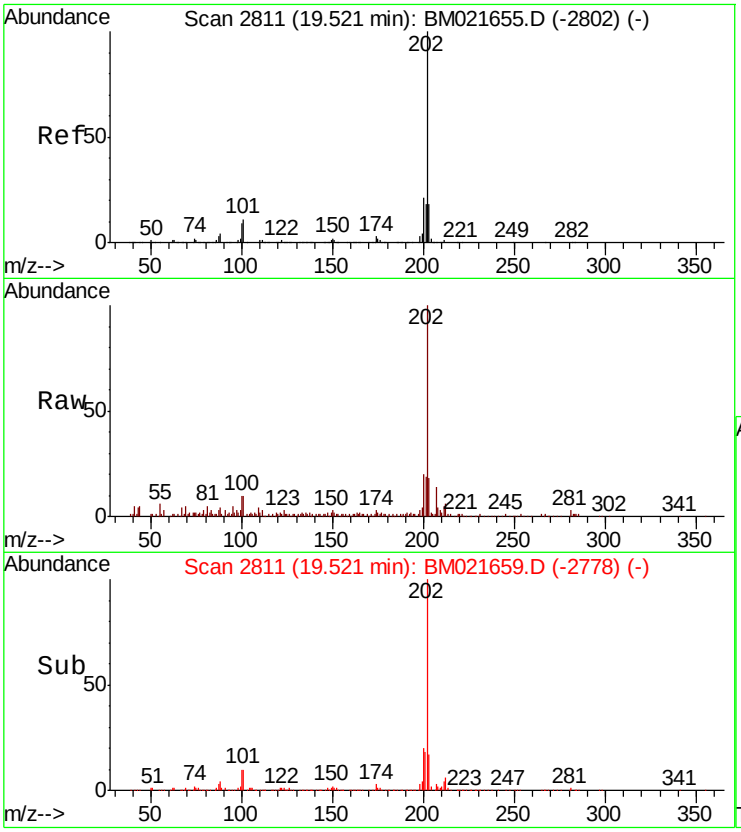


#76
Fluoranthene
Concen: 1.734 ng/ul
RT: 19.16 min Scan# 2749
Delta R.T. -0.01 min
Lab File: BM021659.D
Acq: 26 Jul 2019 05:33

Tgt Ion:202 Resp: 128732

Ion	Ratio	Lower	Upper
202	100		
101	8.9	7.2	10.8
100	7.0	5.6	8.4



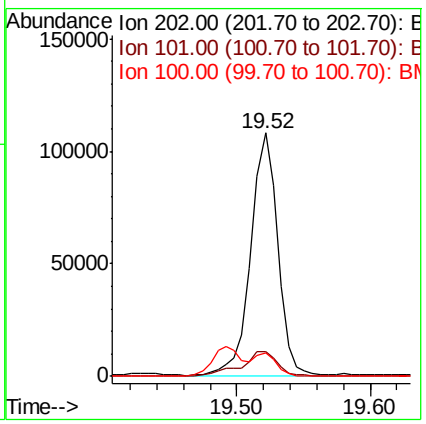


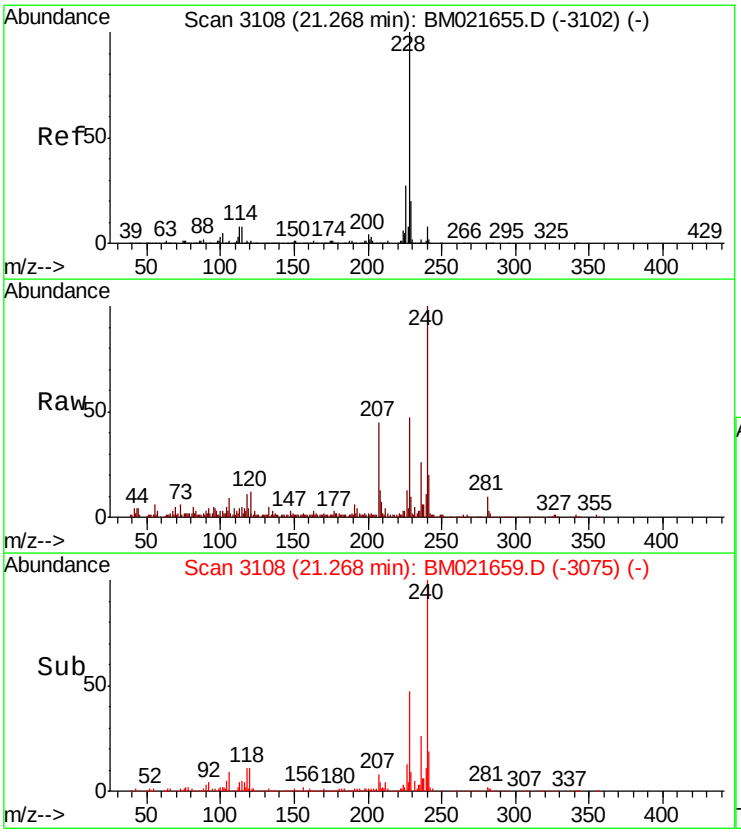
#79
Pyrene
Concen: 1.949 ng/ul
RT: 19.52 min Scan# 2811
Delta R.T. -0.01 min
Lab File: BM021659.D
Acq: 26 Jul 2019 05:33

Instrument :
BNA_M
ClientSampleId :
BEP02

Tgt Ion:202 Resp: 149557

Ion	Ratio	Lower	Upper
202	100		
101	10.3	8.6	13.0
100	9.5	7.1	10.7

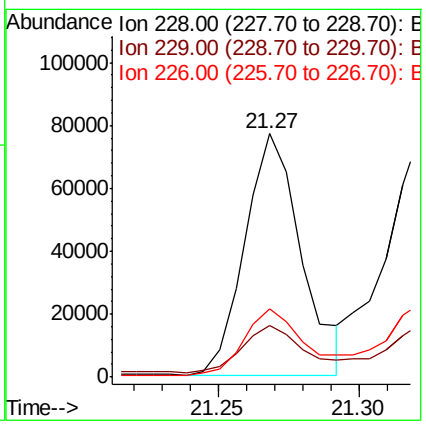


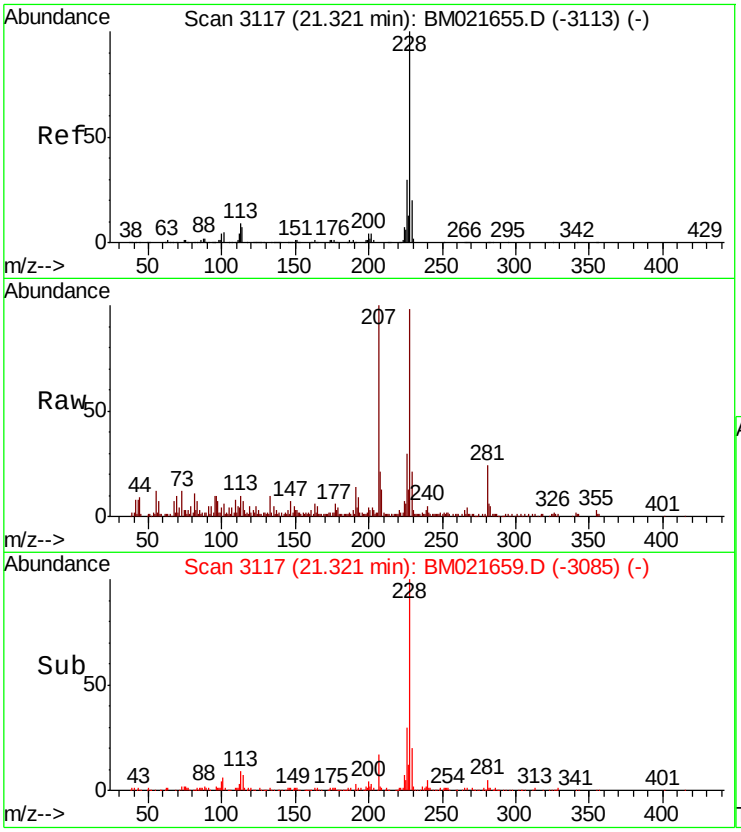


#82
Benzo(a)anthracene
Concen: 1.265 ng/ul
RT: 21.27 min Scan# 3108
Delta R.T. -0.01 min
Lab File: BM021659.D
Acq: 26 Jul 2019 05:33

Tgt Ion:228 Resp: 106876

Ion	Ratio	Lower	Upper
228	100		
229	21.2	15.8	23.6
226	27.9	21.7	32.5



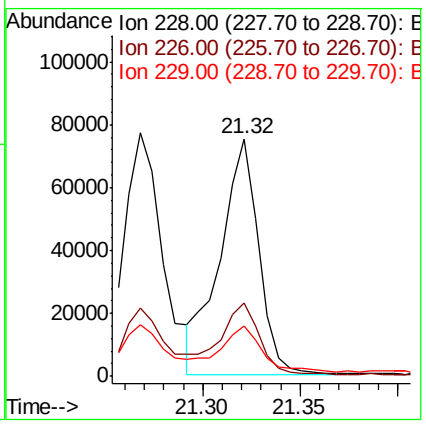


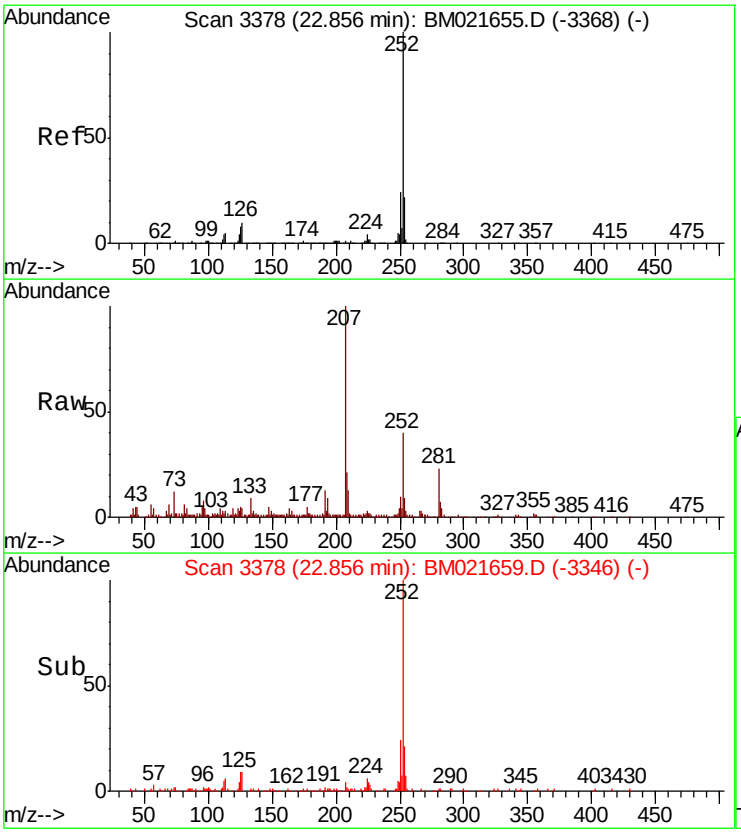
#84
Chrysene
Concen: 1.288 ng/ul
RT: 21.32 min Scan# 3117
Delta R.T. -0.01 min
Lab File: BM021659.D
Acq: 26 Jul 2019 05:33

Instrument :
BNA_M
ClientSampleId :
BEP02

Tgt Ion:228 Resp: 103727

Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.2	36.2
229	21.4	15.4	23.2

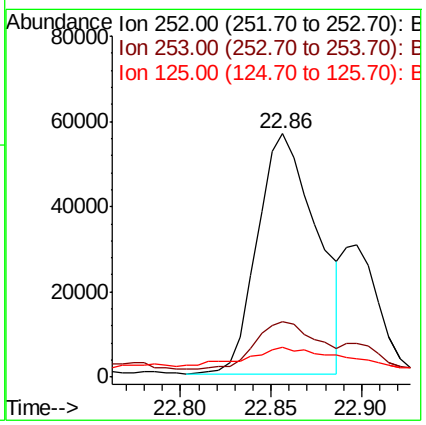


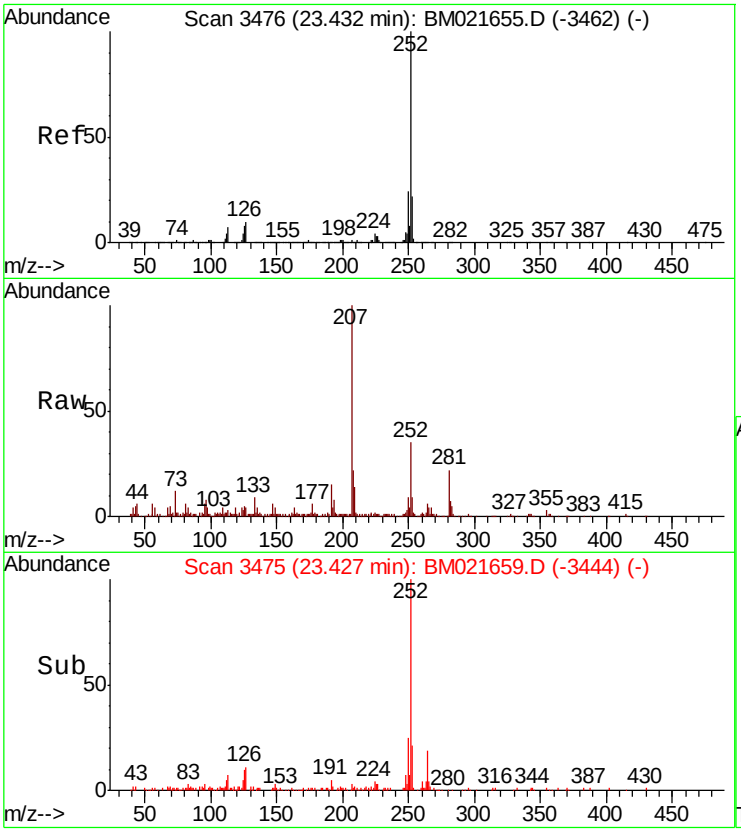


#87
Benzo(b)fluoranthene
Concen: 1.573 ng/ul
RT: 22.86 min Scan# 3378
Delta R.T. -0.01 min
Lab File: BM021659.D
Acq: 26 Jul 2019 05:33

Tgt Ion:252 Resp: 129136

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.6	26.4
125	12.2	5.8	8.6#





#90
Benzo(a)pyrene
Concen: 1.160 ng/ul
RT: 23.43 min Scan# 3475
Delta R.T. -0.02 min
Lab File: BM021659.D
Acq: 26 Jul 2019 05:33

Instrument :
BNA_M
ClientSampleId :
BEP02

Tgt Ion:252 Resp: 91413

Ion	Ratio	Lower	Upper
252	100		
253	25.3	17.8	26.6
125	13.9	7.0	10.4#