Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102119\
Data File : BM023315.D
Acq On : 21 Oct 2019 16:55
Operator : JU
Sample : K5345-09DL2 30X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETOK2DL2

Quant Time: Oct 21 18:13:51 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 21 17:53:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	495048	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	2022591	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	1292932	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.04	188	2759592	20.00	ng/ul	0.00
78) Chrysene-d12	21.23	240	3059331	20.00	ng/ul	0.00
86) Perylene-d12	23.43	264	3588750	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.19	96	1515	0.13	ng/uL	0.02
5) Phenol-d5	6.83	99	18203	0.42	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	12822	0.53	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	14963	0.45	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	14231	0.41	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	7632	0.56	ng/ul	0.00
22) 2-Nitrophenol-d4	9.51	143	7073	0.54	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	13161	0.40	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	18999	0.47	ng/ul	0.00
44) Dimethylphthalate-d6	13.71	166	51147	0.52	ng/ul	0.00
47) Acenaphthylene-d8	13.98	160	51499	0.44	ng/ul	0.00
52) 4-Nitrophenol-d4	14.50	143	3045	0.19	ng/ul	0.00
58) Fluorene-d10	15.29	176	46037	0.55	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.40	200	2716	0.25	ng/ul	0.00
71) Anthracene-d10	17.13	188	84732	0.64	ng/ul	0.00
79) Pyrene-d10	19.43	212	88478	0.60	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.29	264	102610	0.56	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.48	128	2643205	25.284	ng/ul	99
34) 2-Methylnaphthalene	12.10	142	346451	4.454	ng/ul	98
50) Acenaphthene	14.36	153	262995	3.179	ng/ul	98
54) Dibenzofuran	14.69	168	300963	2.562	ng/ul	97
59) Fluorene	15.35	166	248937	2.583	ng/ul	100
70) Phenanthrene	17.08	178	1272725	8.218	ng/ul	99
77) Fluoranthene	19.10	202	942127	5.115	ng/ul	97
80) Pyrene	19.46	202	667594	3.483	ng/ul	98
83) Benzo(a)anthracene	21.22	228	335277	1.617	ng/ul	97
85) Chrysene	21.27	228	194220	1.009	ng/ul	99
88) Benzo(b)fluoranthene	22.78	252	323361	1.486	ng/ul#	94

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

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Acq On : 21 Oct 2019 16:55
Operator : JU
Sample : K5345-09DL2 30X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ETOK2DL2

Quant Time: Oct 21 18:13:51 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 21 17:53:35 2019
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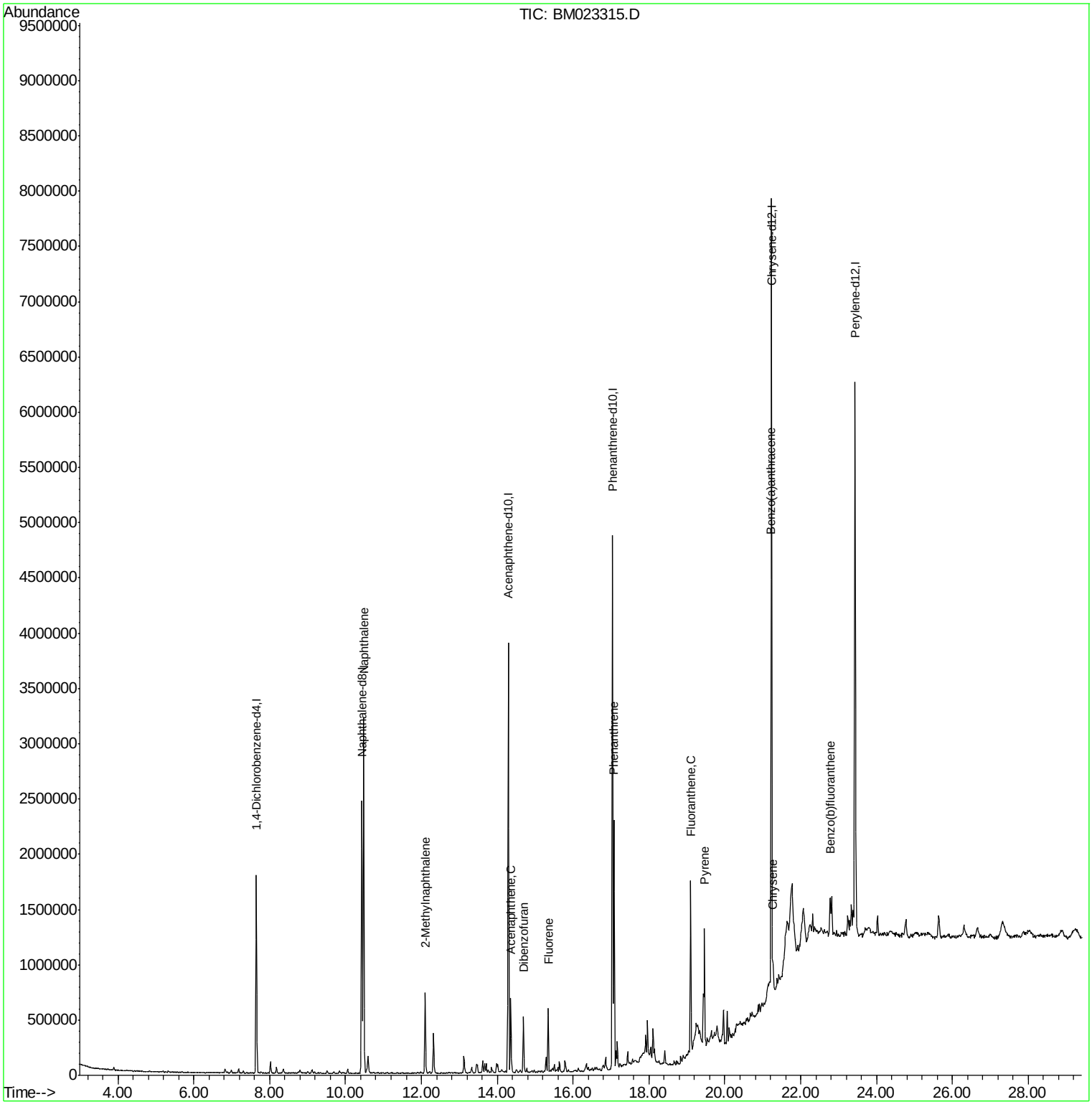
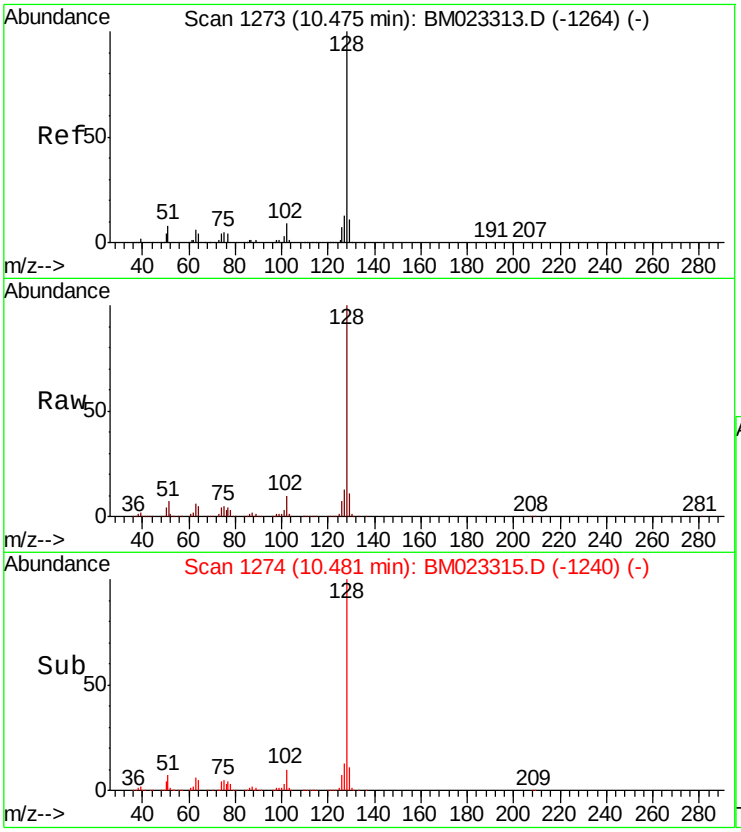


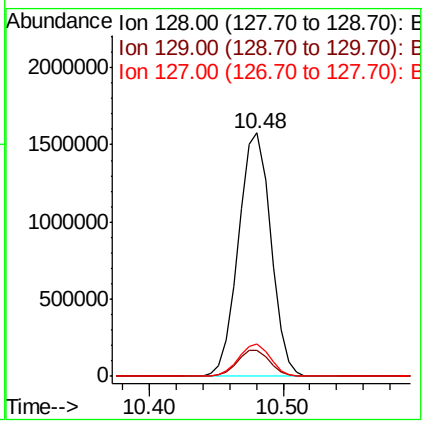


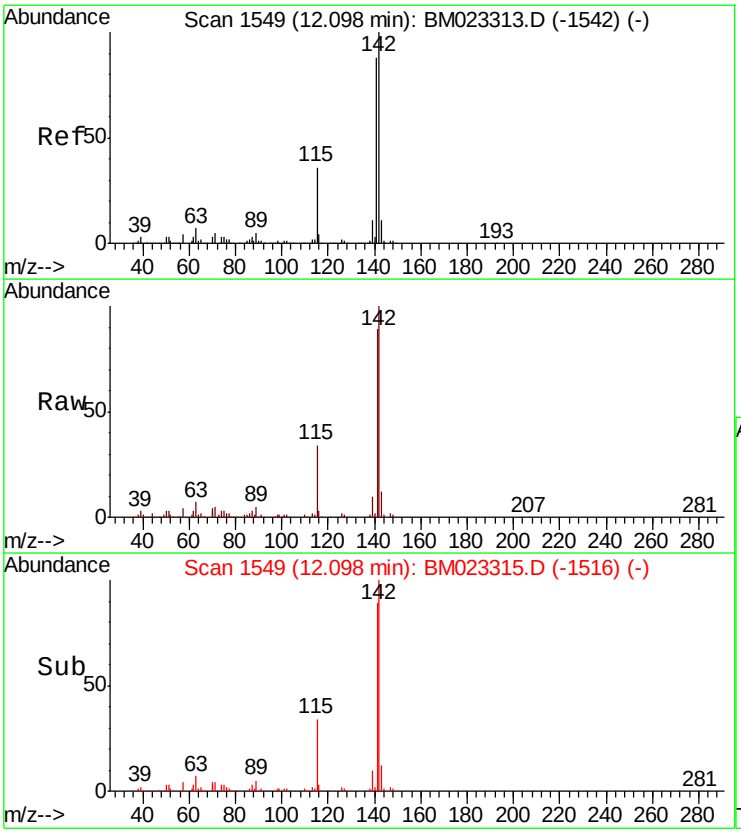
#28
Naphthalene
Concen: 25.284 ng/ul
RT: 10.48 min Scan# 1274
Delta R.T. 0.00 min
Lab File: BM023315.D
Acq: 21 Oct 2019 16:55

Instrument :
BNA_M
ClientSampleId :
ETOK2DL2

Tgt Ion:128 Resp: 2643205

Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.3	12.5
127	13.1	10.2	15.4

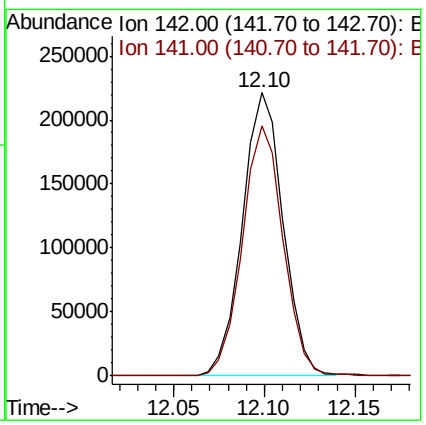


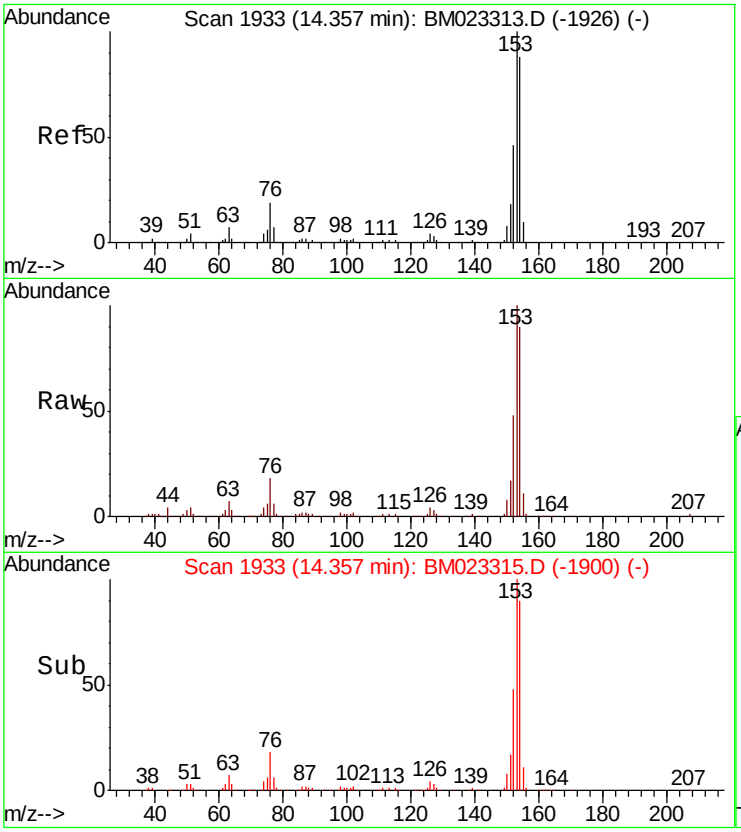


#34
2-Methylnaphthalene
Concen: 4.454 ng/ul
RT: 12.10 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BM023315.D
Acq: 21 Oct 2019 16:55

Tgt Ion:142 Resp: 346451

Ion	Ratio	Lower	Upper
142	100		
141	88.5	72.1	108.1



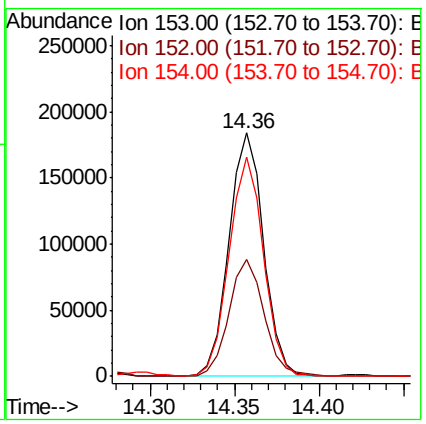


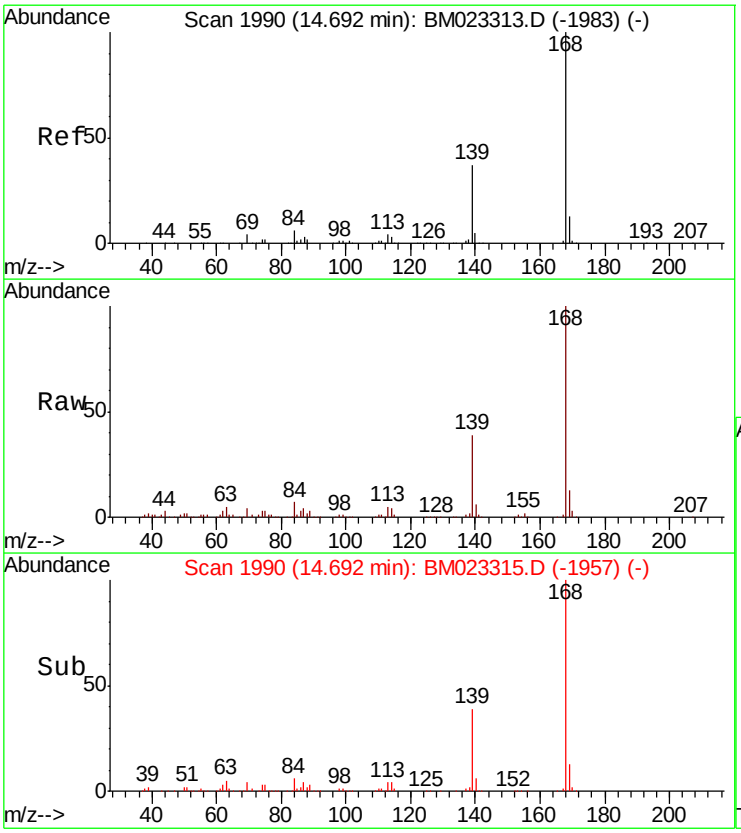
#50
Acenaphthene
Concen: 3.179 ng/ul
RT: 14.36 min Scan# 1933
Delta R.T. -0.01 min
Lab File: BM023315.D
Acq: 21 Oct 2019 16:55

Instrument :
BNA_M
ClientSampleId :
ETOK2DL2

Tgt Ion:153 Resp: 262995

Ion	Ratio	Lower	Upper
153	100		
152	48.0	38.0	57.0
154	89.8	70.4	105.6

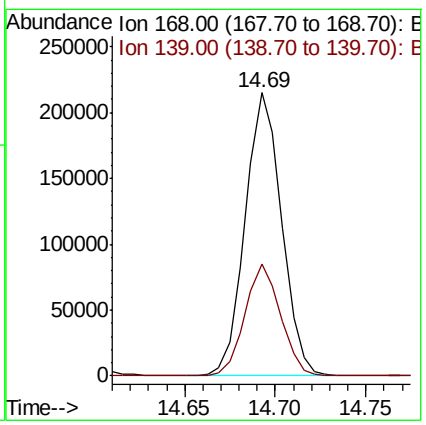


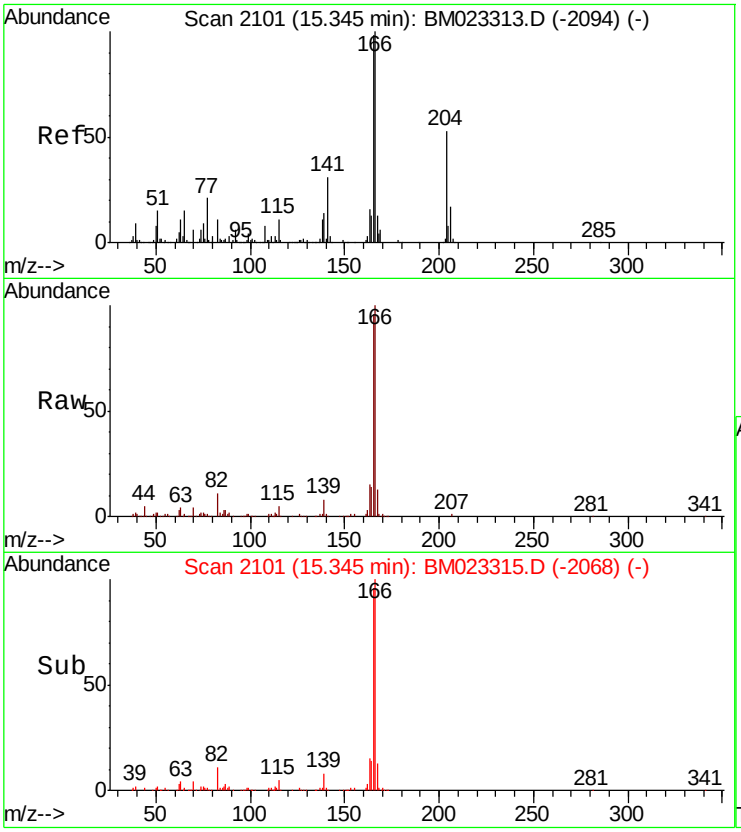


#54
Dibenzofuran
Concen: 2.562 ng/ul
RT: 14.69 min Scan# 1990
Delta R.T. -0.01 min
Lab File: BM023315.D
Acq: 21 Oct 2019 16:55

Tgt Ion:168 Resp: 300963

Ion	Ratio	Lower	Upper
168	100		
139	39.3	30.1	45.1



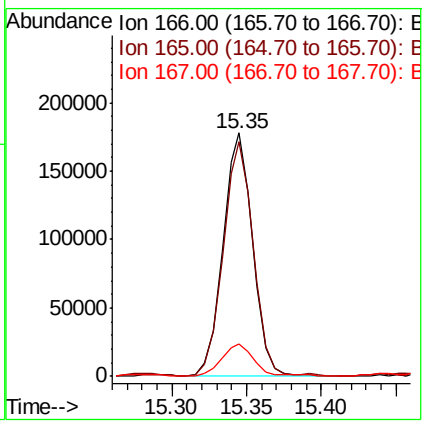


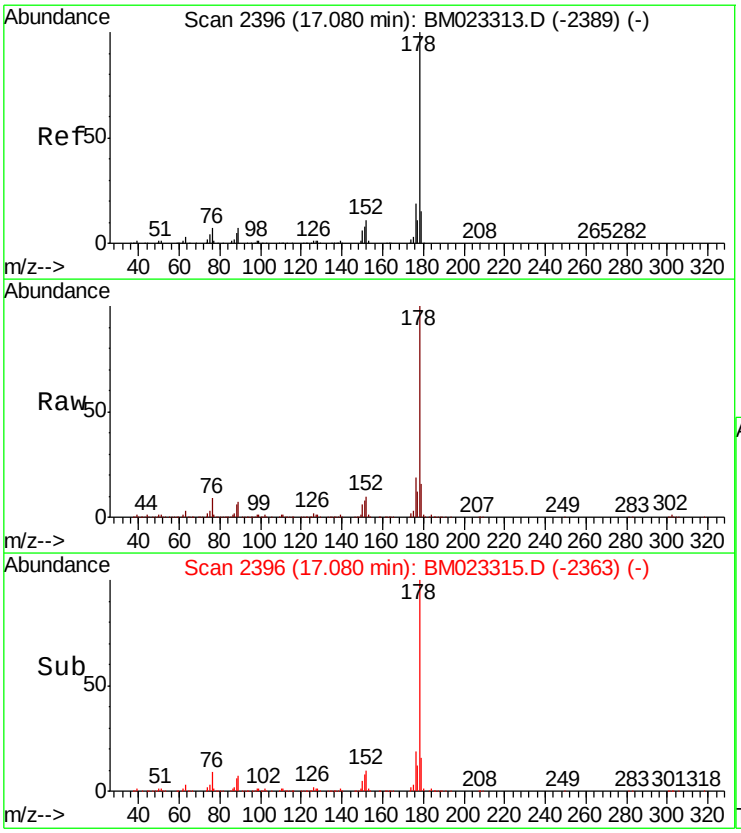
#59
Fluorene
Concen: 2.583 ng/ul
RT: 15.35 min Scan# 2101
Delta R.T. -0.01 min
Lab File: BM023315.D
Acq: 21 Oct 2019 16:55

Instrument :
BNA_M
ClientSampleId :
ETOK2DL2

Tgt Ion:166 Resp: 248937

Ion	Ratio	Lower	Upper
166	100		
165	96.4	77.4	116.0
167	13.2	10.8	16.2

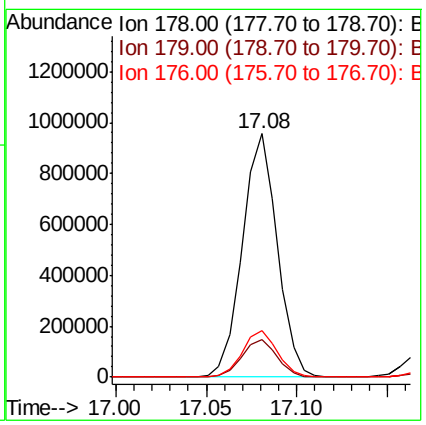


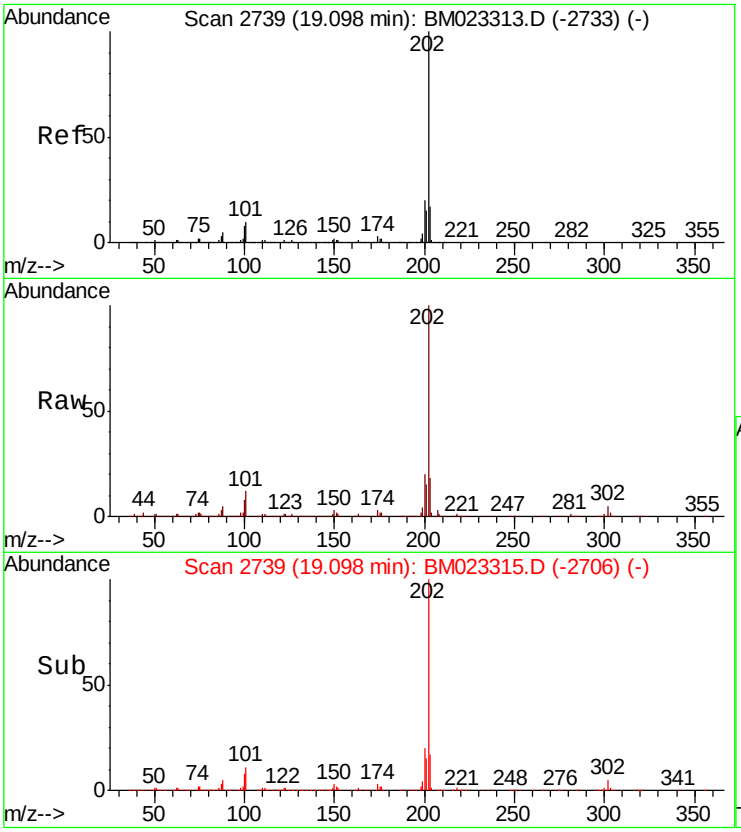


#70
Phenanthrene
Concen: 8.218 ng/ul
RT: 17.08 min Scan# 2396
Delta R.T. -0.01 min
Lab File: BM023315.D
Acq: 21 Oct 2019 16:55

Tgt Ion:178 Resp: 1272725

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.3	18.5
176	19.0	15.5	23.3



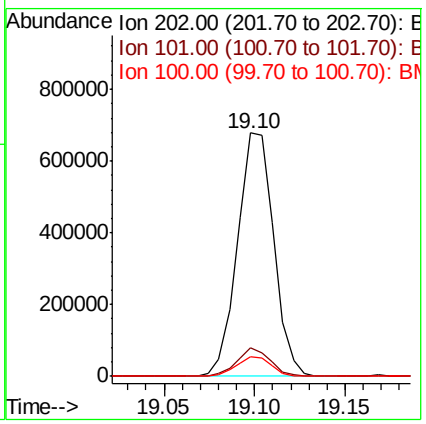


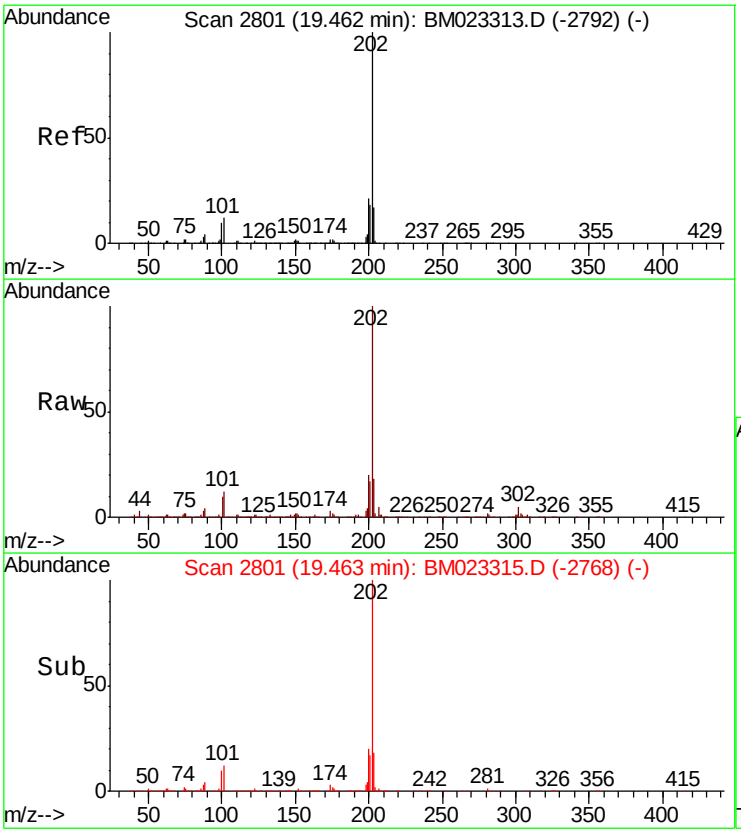
#77
Fluoranthene
Concen: 5.115 ng/ul
RT: 19.10 min Scan# 2739
Delta R.T. -0.01 min
Lab File: BM023315.D
Acq: 21 Oct 2019 16:55

Instrument :
BNA_M
ClientSampleId :
ETOK2DL2

Tgt Ion:202 Resp: 942127

Ion	Ratio	Lower	Upper
202	100		
101	11.5	7.8	11.8
100	8.0	6.1	9.1

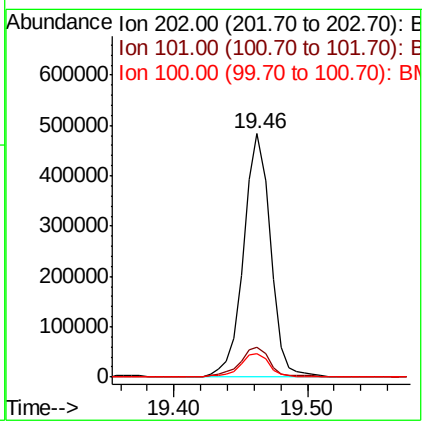


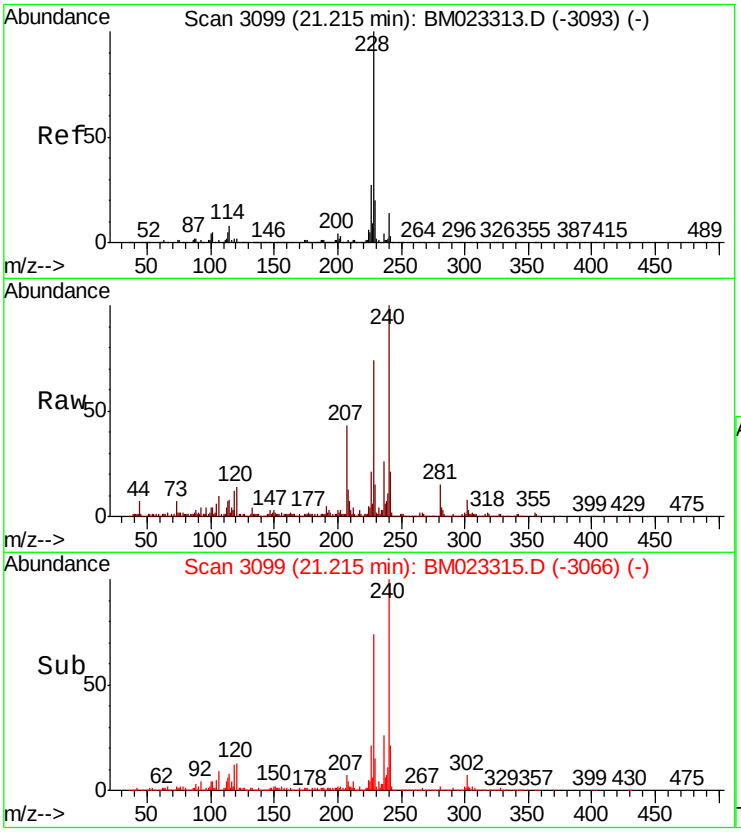


#80
Pyrene
Concen: 3.483 ng/ul
RT: 19.46 min Scan# 2801
Delta R.T. -0.01 min
Lab File: BM023315.D
Acq: 21 Oct 2019 16:55

Tgt Ion:202 Resp: 667594

Ion	Ratio	Lower	Upper
202	100		
101	12.1	9.1	13.7
100	9.8	7.5	11.3



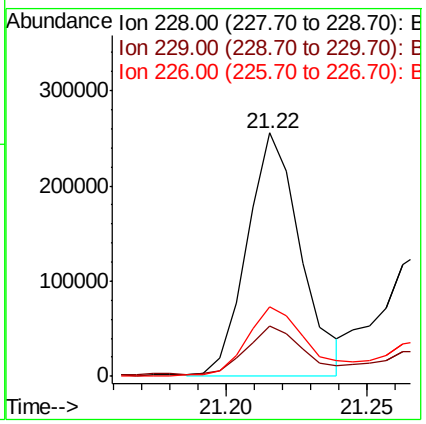


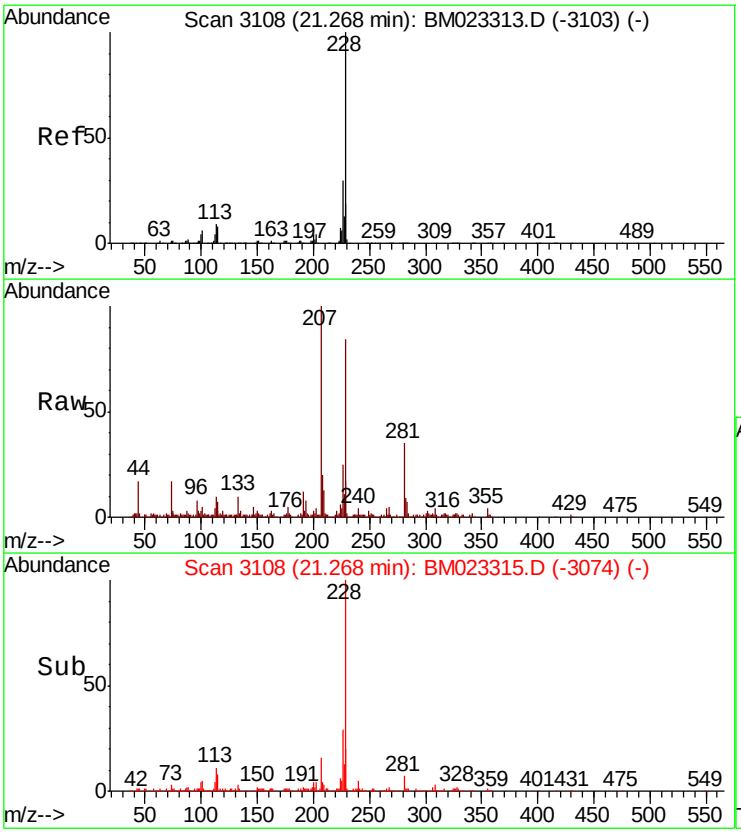
#83
Benzo(a)anthracene
Concen: 1.617 ng/ul
RT: 21.22 min Scan# 3099
Delta R.T. -0.01 min
Lab File: BM023315.D
Acq: 21 Oct 2019 16:55

Instrument :
BNA_M
ClientSampleId :
ETOK2DL2

Tgt Ion:228 Resp: 335277

Ion	Ratio	Lower	Upper
228	100		
229	20.8	15.7	23.5
226	28.8	21.6	32.4

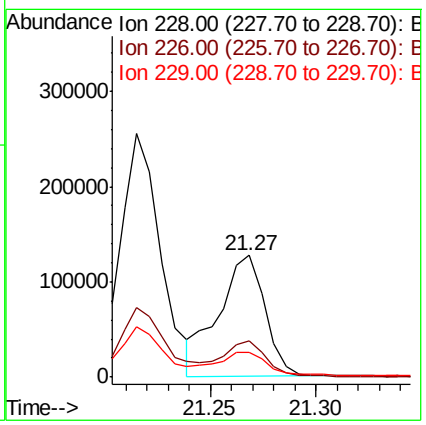


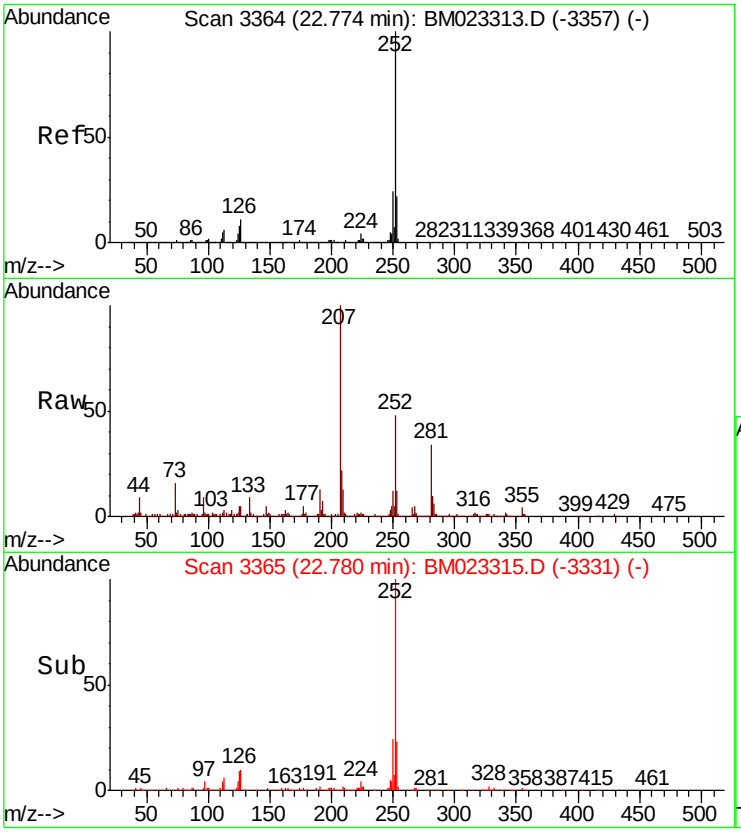


#85
Chrysene
Concen: 1.009 ng/ul
RT: 21.27 min Scan# 3108
Delta R.T. 0.00 min
Lab File: BM023315.D
Acq: 21 Oct 2019 16:55

Tgt Ion:228 Resp: 194220

Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.8	35.6
229	20.5	15.5	23.3





#88
Benzo(b)fluoranthene
Concen: 1.486 ng/ul
RT: 22.78 min Scan# 3365
Delta R.T. 0.00 min
Lab File: BM023315.D
Acq: 21 Oct 2019 16:55

Instrument :
BNA_M
ClientSampleId :
ETOK2DL2

Tgt Ion:252 Resp: 323361

Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.6	26.4
125	10.7	6.4	9.6#