Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102117\
Data File : BM012385.D
Acq On : 22 Oct 2017 07:31
Operator : SJ/JU
Sample : I5771-11
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0CW2

Quant Time: Oct 23 08:49:09 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 23 08:22:49 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	249548	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	1105746	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.41	164	684139	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	1500725	20.00	ng/ul	0.00
75) Chrysene-d12	21.35	240	1116431	20.00	ng/ul	0.00
83) Perylene-d12	23.64	264	1013196	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.19	96	19527	3.72	ng/uL	0.00
5) Phenol-d5	6.94	99	423291	20.91	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	271290	22.34	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	381484	22.21	ng/ul	0.00
13) 4-Methylphenol-d8	8.48	113	374431	21.48	ng/ul	0.00
19) Nitrobenzene-d5	8.94	128	183007	21.69	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	218357	22.15	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	410498	21.81	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	409061	23.22	ng/ul	0.00
43) Dimethylphthalate-d6	13.82	166	1433348	23.70	ng/ul	0.00
46) Acenaphthylene-d8	14.11	160	1720144	23.50	ng/ul	0.00
51) 4-Nitrophenol-d4	14.68	143	95763	10.53	ng/ul	0.02
57) Fluorene-d10	15.41	176	1204089	24.26	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.57	200	146128	14.19	ng/ul	0.00
70) Anthracene-d10	17.27	188	1764425	23.78	ng/ul	0.00
76) Pyrene-d10	19.57	212	1729961	30.53	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	1128763	23.11	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.97	94	76448	3.652	ng/ul#	86
69) Phenanthrene	17.21	178	131188	1.537	ng/ul	96
74) Fluoranthene	19.23	202	252410	2.450	ng/ul#	97
77) Pyrene	19.59	202	246349	3.341	ng/ul	97
80) Benzo(a)anthracene	21.34	228	104864	1.444	ng/ul	97
82) Chrysene	21.39	228	109858	1.611	ng/ul	99
85) Benzo(b)fluoranthene	22.96	252	121371	1.836	ng/ul#	94
88) Benzo(a)pyrene	23.54	252	83219	1.335	ng/ul#	87

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

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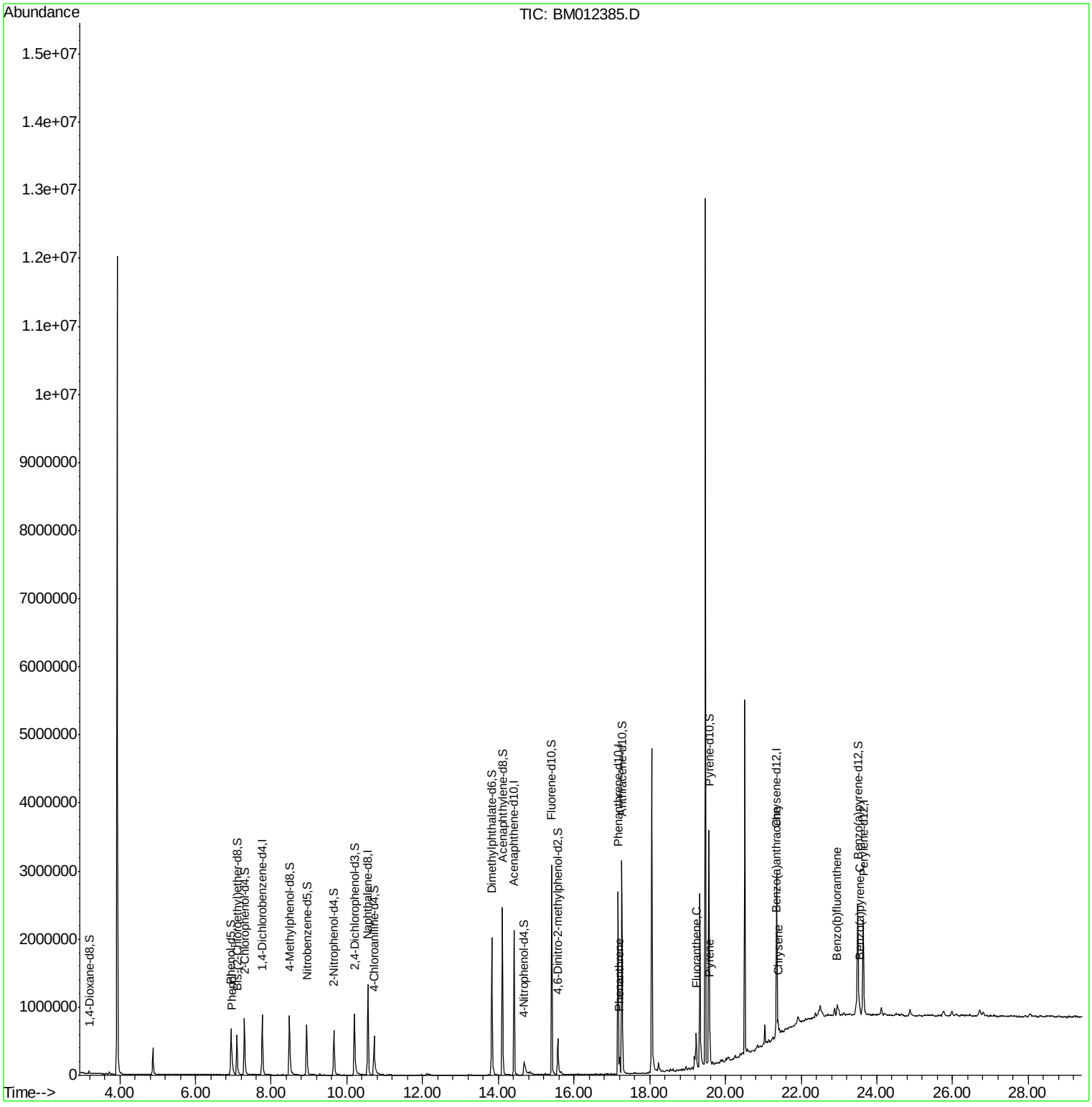
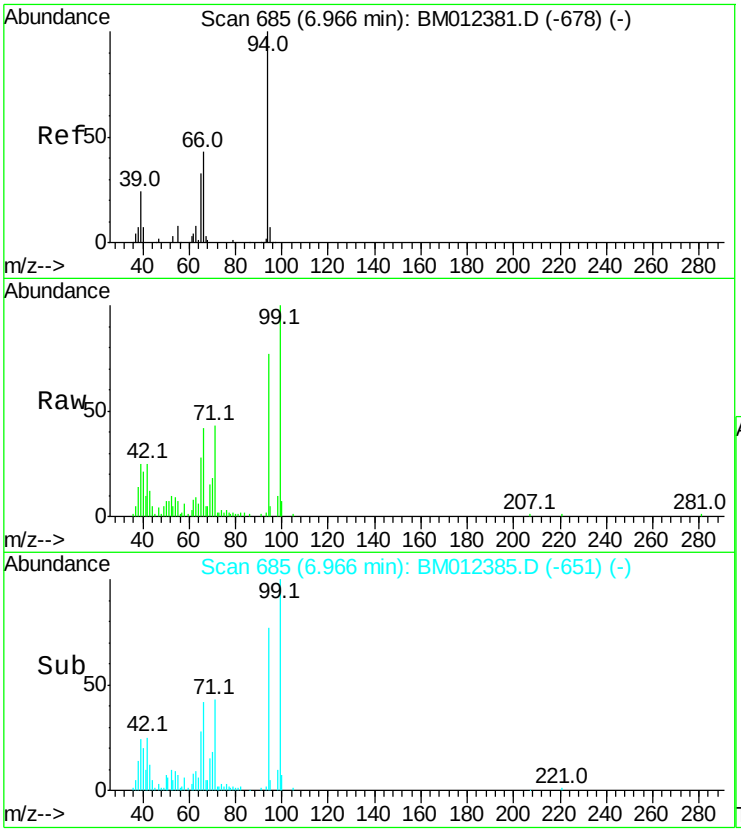


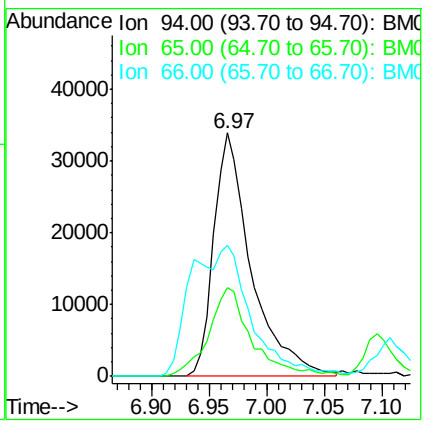


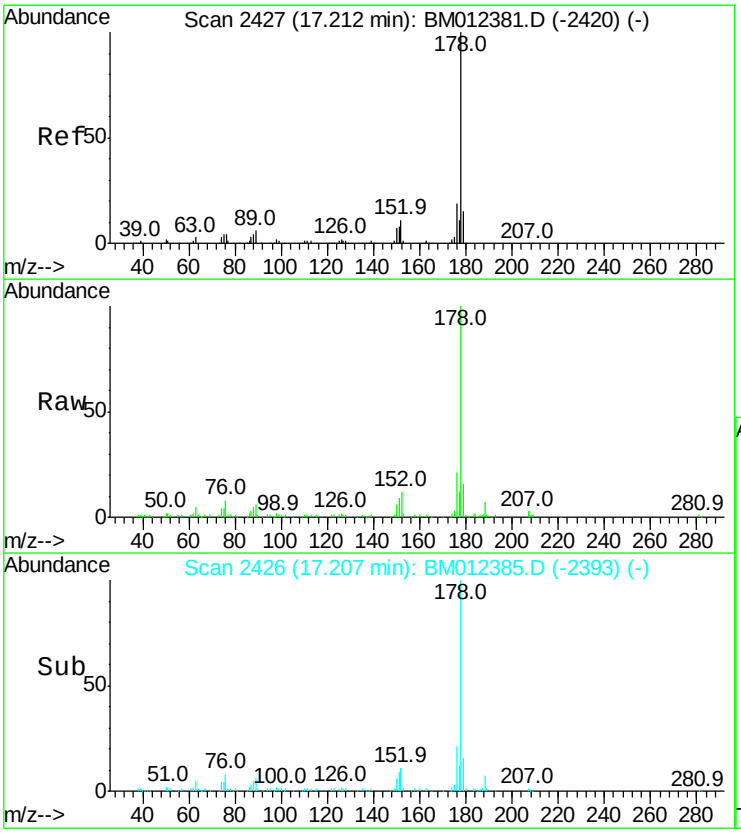
#6
Phenol
Concen: 3.652 ng/ul
RT: 6.97 min Scan# 685
Delta R.T. -0.00 min
Lab File: BM012385.D
Acq: 22 Oct 2017 07:31

Instrument :
BNA_M
ClientSampleId :
B0CW2

Tgt Ion: 94 Resp: 76448

Ion	Ratio	Lower	Upper
94	100		
65	36.5	24.4	36.6
66	53.8	35.0	52.4#

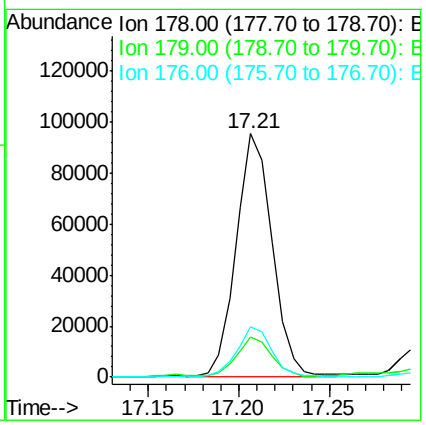


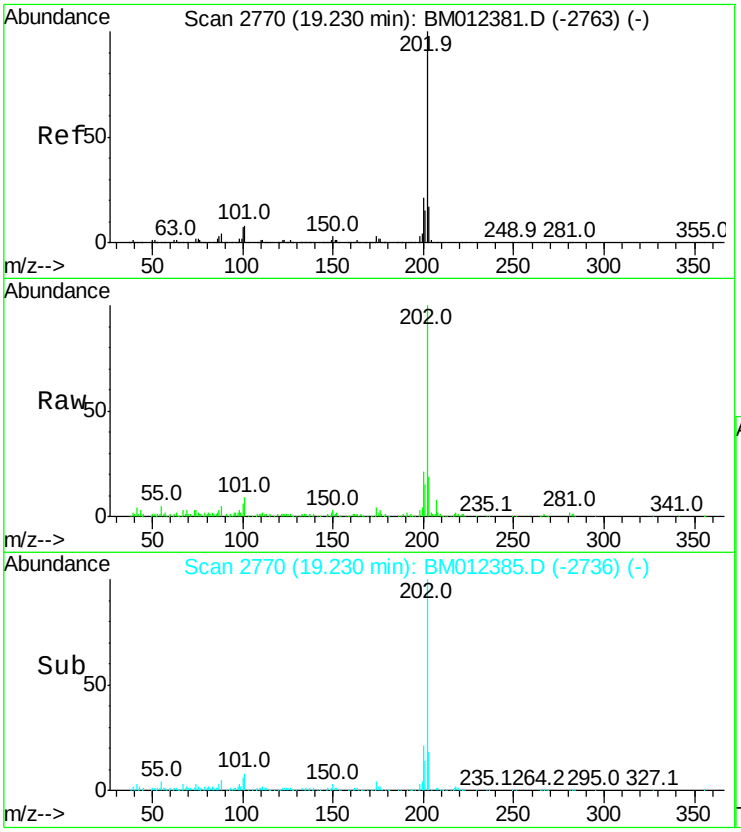


#69
Phenanthrene
Concen: 1.537 ng/ul
RT: 17.21 min Scan# 2426
Delta R.T. -0.01 min
Lab File: BM012385.D
Acq: 22 Oct 2017 07:31

Tgt Ion:178 Resp: 131188

Ion	Ratio	Lower	Upper
178	100		
179	16.3	12.0	18.0
176	20.7	15.0	22.6



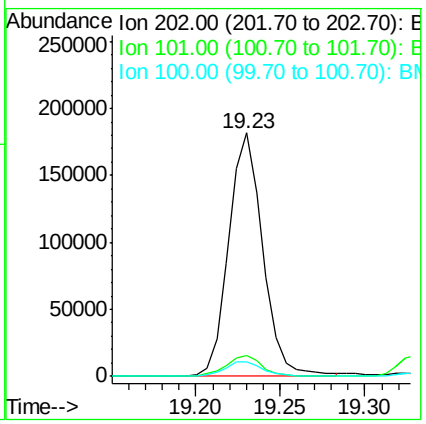


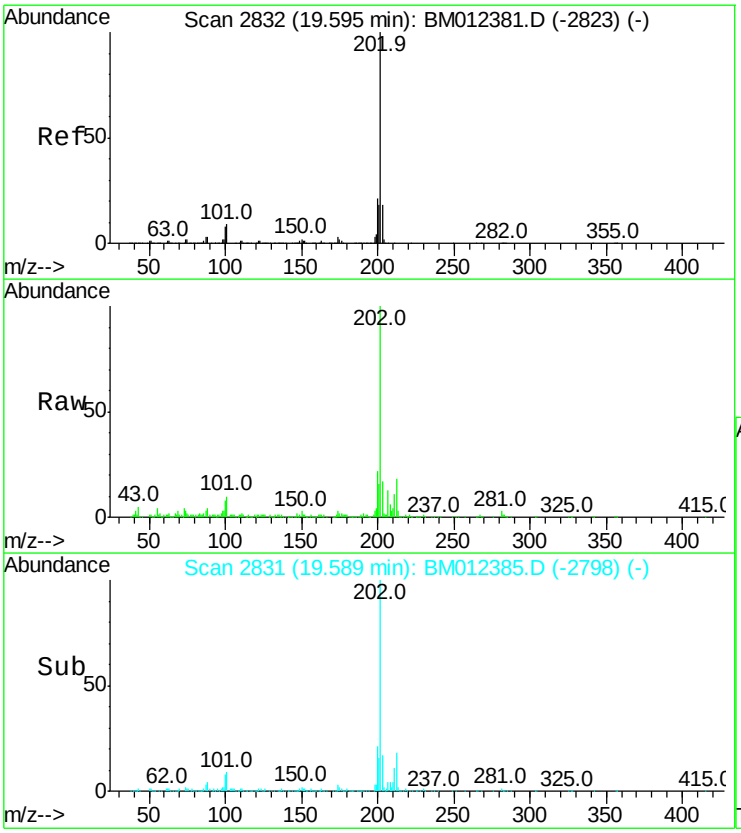
#74
Fluoranthene
Concen: 2.450 ng/ul
RT: 19.23 min Scan# 2770
Delta R.T. -0.00 min
Lab File: BM012385.D
Acq: 22 Oct 2017 07:31

Instrument :
BNA_M
ClientSampleId :
B0CW2

Tgt Ion:202 Resp: 252410

Ion	Ratio	Lower	Upper
202	100		
101	8.7	5.8	8.6#
100	6.1	4.3	6.5

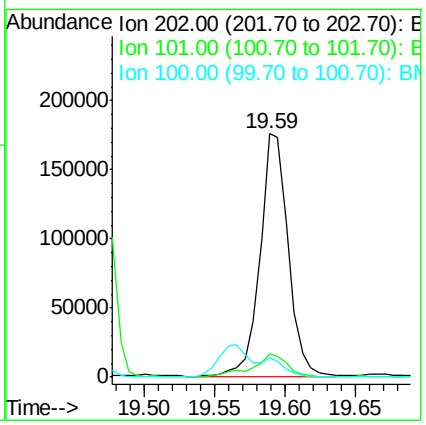


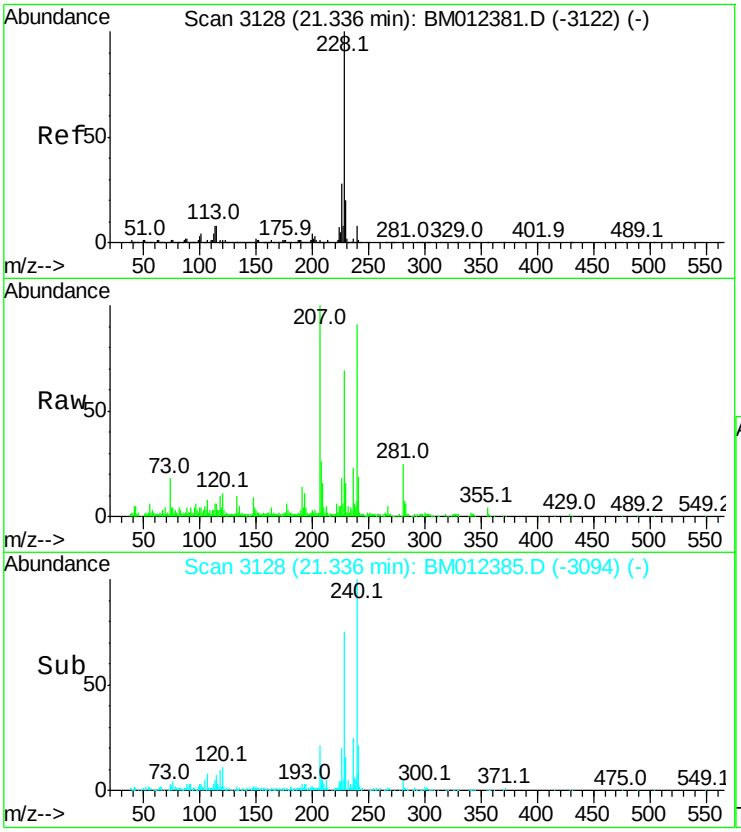


#77
Pyrene
Concen: 3.341 ng/ul
RT: 19.59 min Scan# 2831
Delta R.T. -0.01 min
Lab File: BM012385.D
Acq: 22 Oct 2017 07:31

Tgt Ion:202 Resp: 246349

Ion	Ratio	Lower	Upper
202	100		
101	9.6	6.5	9.7
100	7.8	5.6	8.4



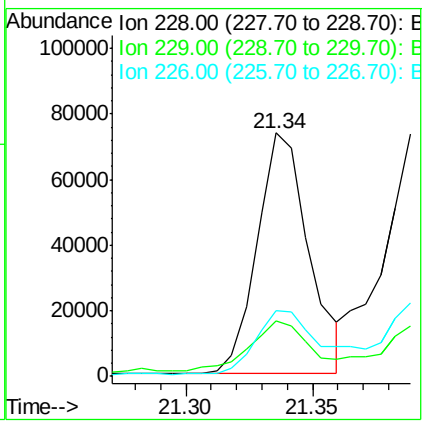


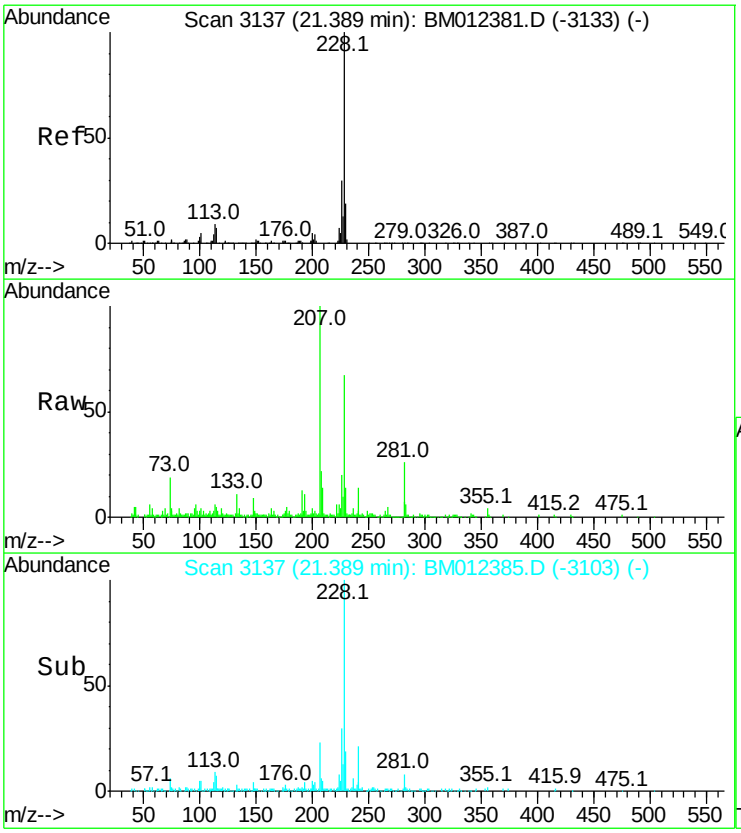
#80
Benzo(a)anthracene
Concen: 1.444 ng/ul
RT: 21.34 min Scan# 3128
Delta R.T. -0.00 min
Lab File: BM012385.D
Acq: 22 Oct 2017 07:31

Instrument :
BNA_M
ClientSampleId :
B0CW2

Tgt Ion:228 Resp: 104864

Ion	Ratio	Lower	Upper
228	100		
229	23.0	15.8	23.8
226	26.8	21.4	32.2

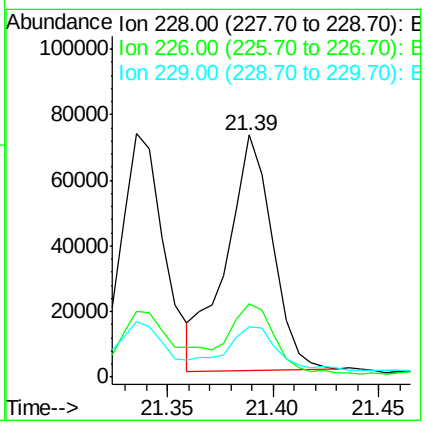


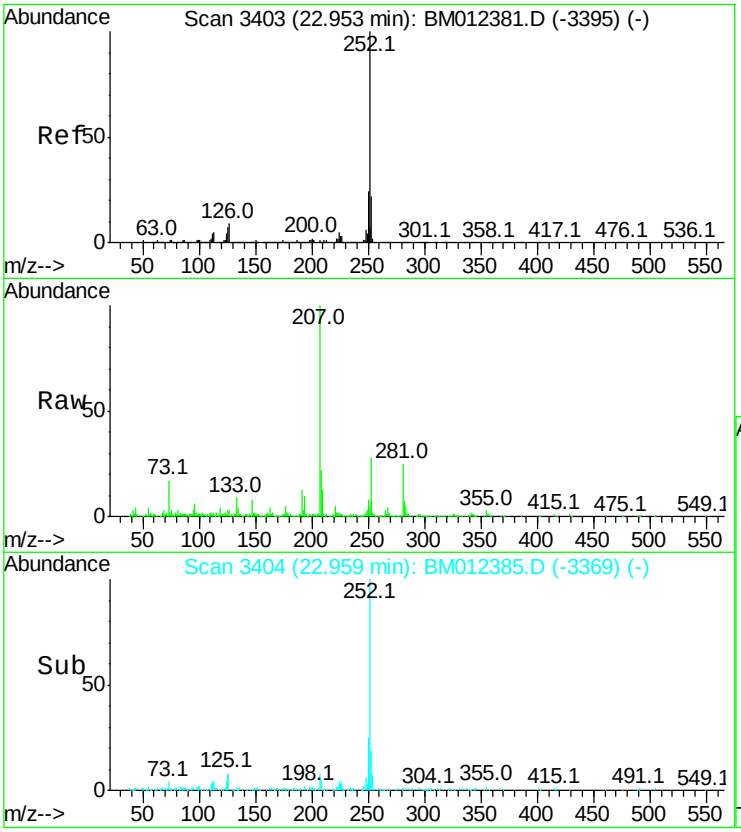


#82
Chrysene
Concen: 1.611 ng/ul
RT: 21.39 min Scan# 3137
Delta R.T. -0.00 min
Lab File: BM012385.D
Acq: 22 Oct 2017 07:31

Tgt Ion:228 Resp: 109858

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.0	36.0
229	20.8	15.5	23.3



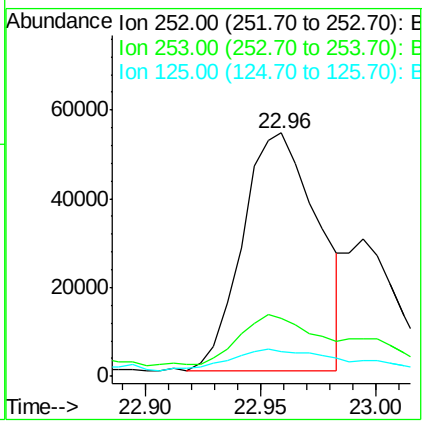


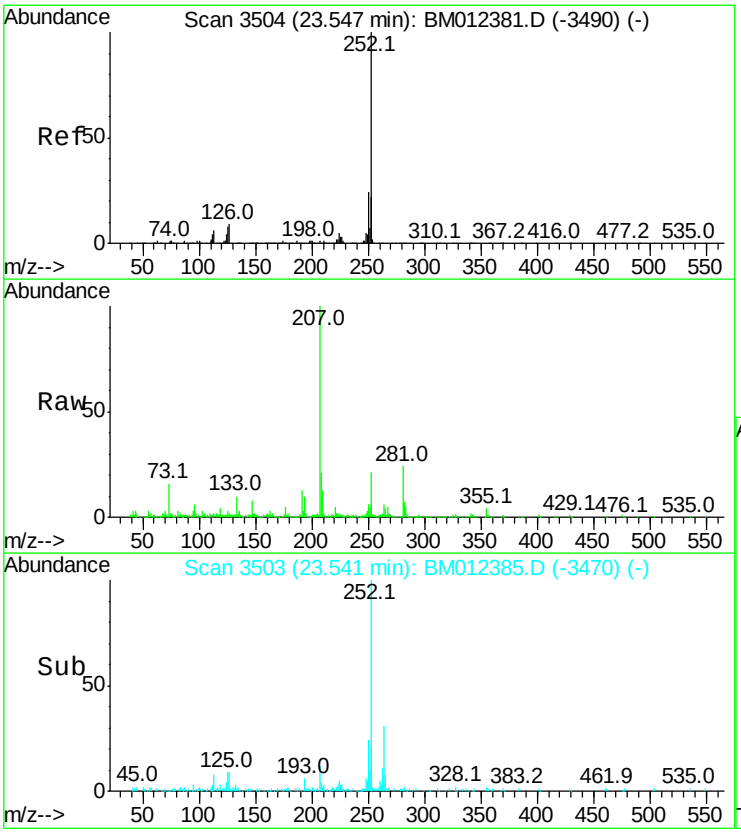
#85
Benzo(b)fluoranthene
Concen: 1.836 ng/ul
RT: 22.96 min Scan# 3404
Delta R.T. 0.01 min
Lab File: BM012385.D
Acq: 22 Oct 2017 07:31

Instrument :
BNA_M
ClientSampleId :
B0CW2

Tgt Ion:252 Resp: 121371

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.4	26.2
125	10.2	5.1	7.7#





#88
Benzo(a)pyrene
Concen: 1.335 ng/ul
RT: 23.54 min Scan# 3503
Delta R.T. -0.01 min
Lab File: BM012385.D
Acq: 22 Oct 2017 07:31

Tgt Ion:252 Resp: 83219

Ion	Ratio	Lower	Upper
252	100		
253	26.8	17.1	25.7#
125	12.8	5.2	7.8#