Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102419\
Data File : BM023394.D
Acq On : 25 Oct 2019 04:13
Operator : JU
Sample : K5403-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Oct 25 11:52:41 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 23 18:47:16 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	599504	20.00	ng/ul	0.00
18) Naphthalene-d8	10.42	136	2382388	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	1433964	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.03	188	2309374	20.00	ng/ul	0.00
78) Chrysene-d12	21.23	240	1800686	20.00	ng/ul	0.00
86) Perylene-d12	23.43	264	2270538	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.14	96	213	0.02	ng/uL	-0.02
5) Phenol-d5	0.00	99	0	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	6.97	67	869	0.03	ng/ul	0.00
9) 2-Chlorophenol-d4	0.00	132	0	0.00	ng/ul	
13) 4-Methylphenol-d8	8.19	113	371	0.01	ng/ul	-0.16
19) Nitrobenzene-d5	8.85	128	127	0.01	ng/ul	0.06
22) 2-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
26) 2,4-Dichlorophenol-d3	10.05	165	250	0.01	ng/ul	0.00
29) 4-Chloroaniline-d4	10.54	131	519	0.01	ng/ul	-0.02
44) Dimethylphthalate-d6	0.00	166	0	0.00	ng/ul	
47) Acenaphthylene-d8	0.00	160	0	0.00	ng/ul	
52) 4-Nitrophenol-d4	14.50	143	518	0.03	ng/ul	0.00
58) Fluorene-d10	15.28	176	3052	0.03	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.38	200	231	0.02	ng/ul	-0.03
71) Anthracene-d10	17.03	188	2311286	21.18	ng/ul	-0.10
79) Pyrene-d10	19.43	212	2759	0.03	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.43	264	2259437	19.53	ng/ul	0.14
Target Compounds						Qvalue
28) Naphthalene	10.47	128	122289	1.001	ng/ul	100
70) Phenanthrene	17.07	178	758254	5.875	ng/ul	98
77) Fluoranthene	19.10	202	1170505	8.695	ng/ul	99
80) Pyrene	19.46	202	479297	3.769	ng/ul	98
83) Benzo(a)anthracene	21.21	228	380968	3.163	ng/ul	97
85) Chrysene	21.26	228	636840	5.731	ng/ul	99
88) Benzo(b)fluoranthene	22.77	252	343832	2.358	ng/ul#	93

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

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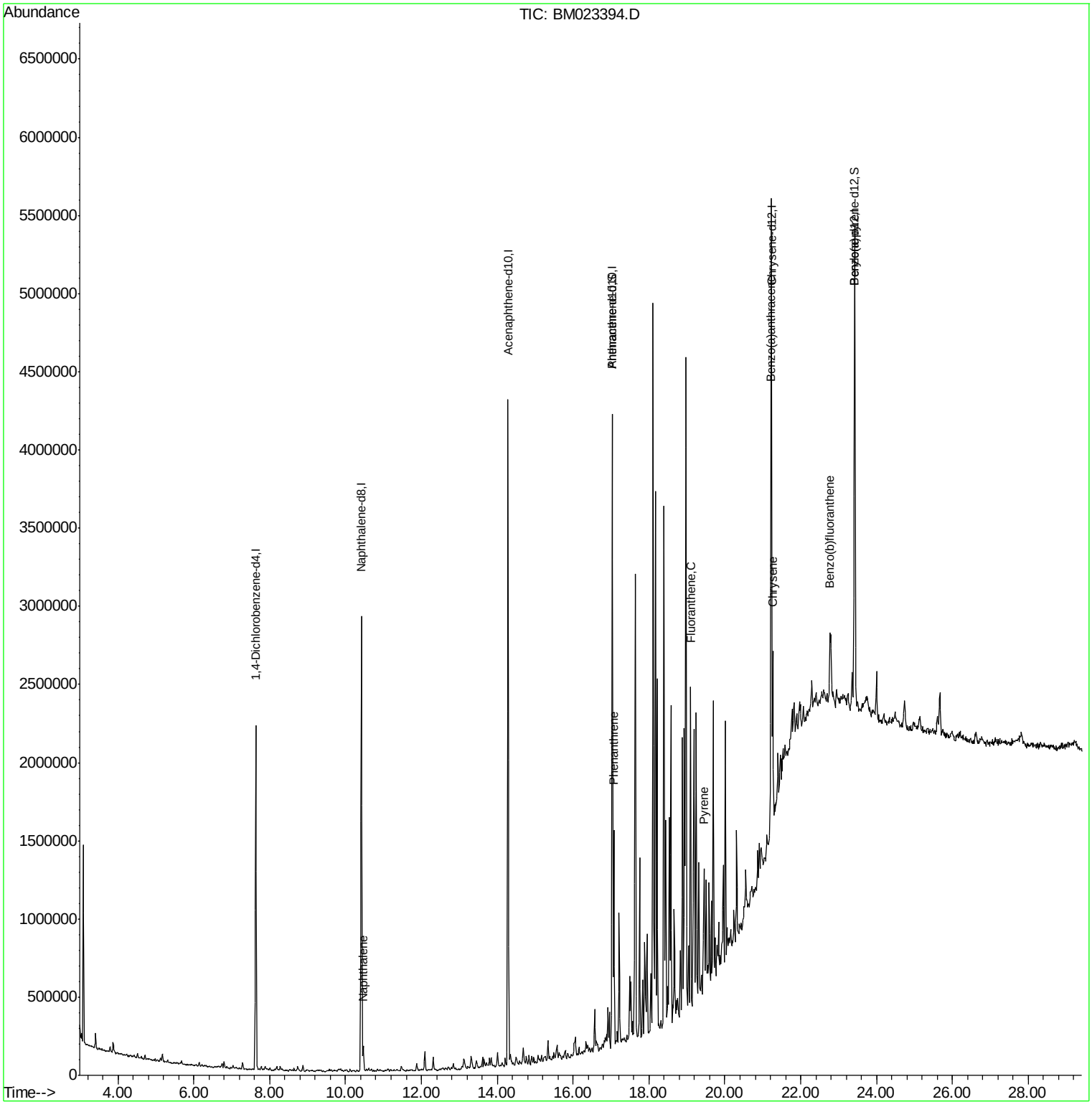
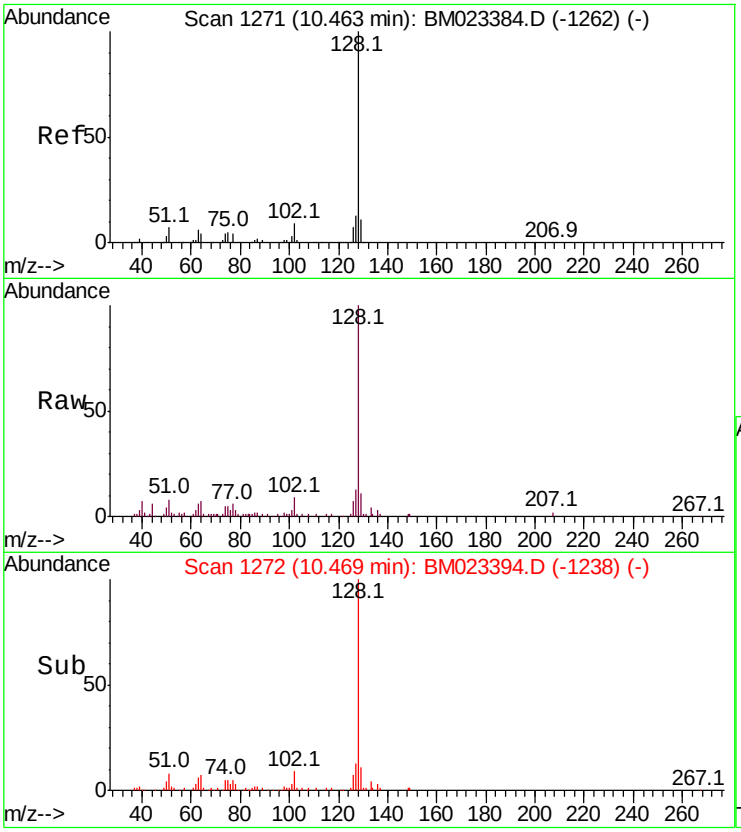


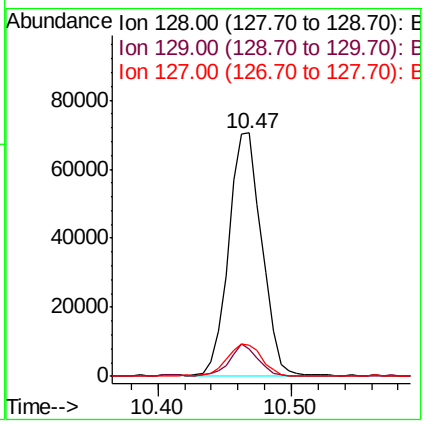


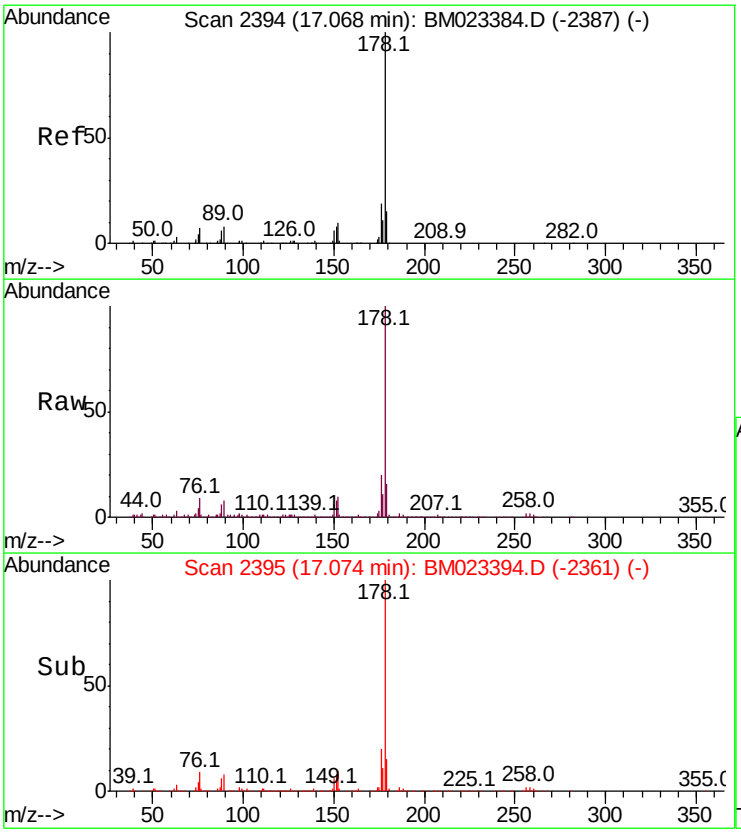
#28
Naphthalene
Concen: 1.001 ng/ul
RT: 10.47 min Scan# 1272
Delta R.T. -0.00 min
Lab File: BM023394.D
Acq: 25 Oct 2019 04:13

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:128 Resp: 122289

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.8	13.2
127	13.0	10.4	15.6

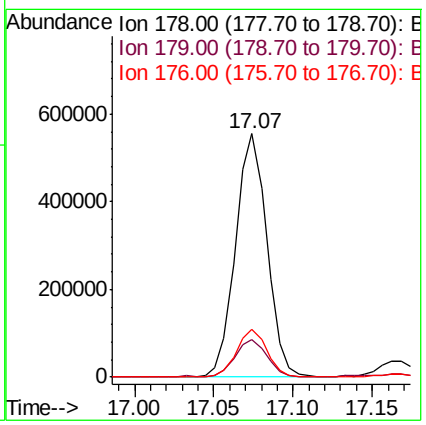


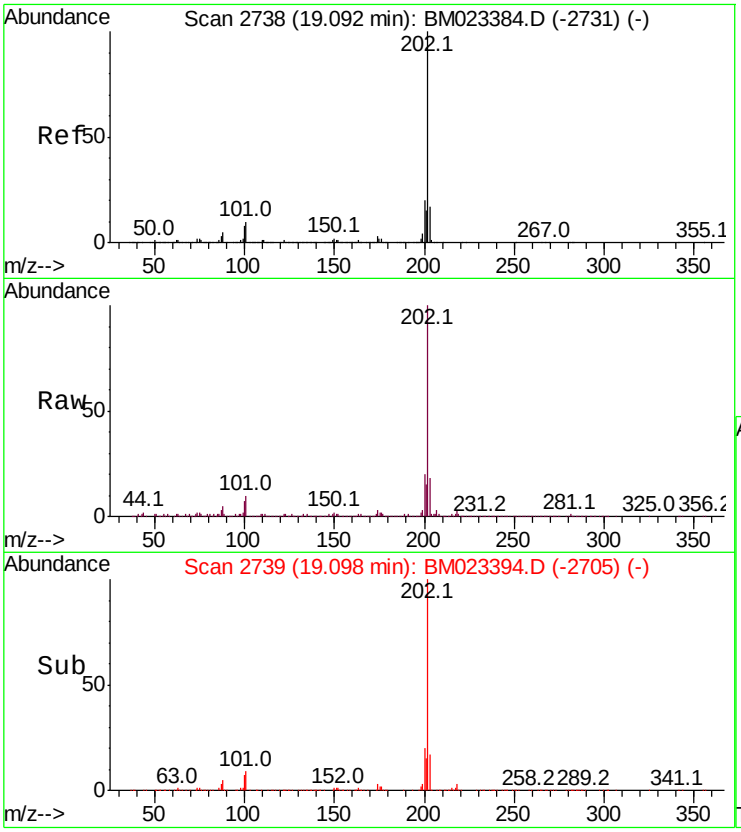


#70
Phenanthrene
Concen: 5.875 ng/ul
RT: 17.07 min Scan# 2395
Delta R.T. -0.00 min
Lab File: BM023394.D
Acq: 25 Oct 2019 04:13

Tgt Ion:178 Resp: 758254

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.2	18.2
176	19.7	14.9	22.3



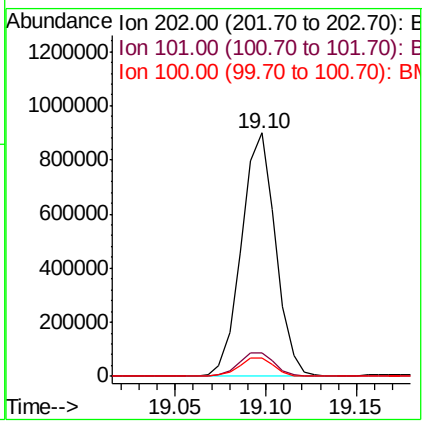


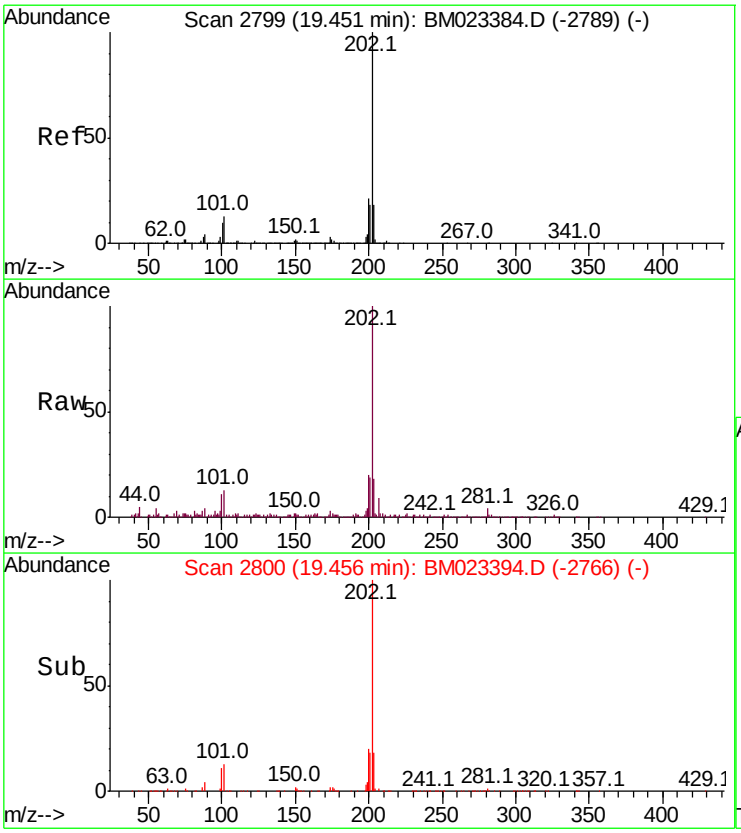
#77
Fluoranthene
Concen: 8.695 ng/ul
RT: 19.10 min Scan# 2739
Delta R.T. -0.00 min
Lab File: BM023394.D
Acq: 25 Oct 2019 04:13

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 1170505

Ion	Ratio	Lower	Upper
202	100		
101	9.8	8.1	12.1
100	7.3	6.2	9.2

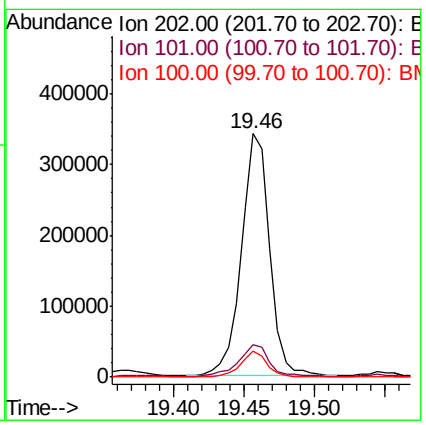


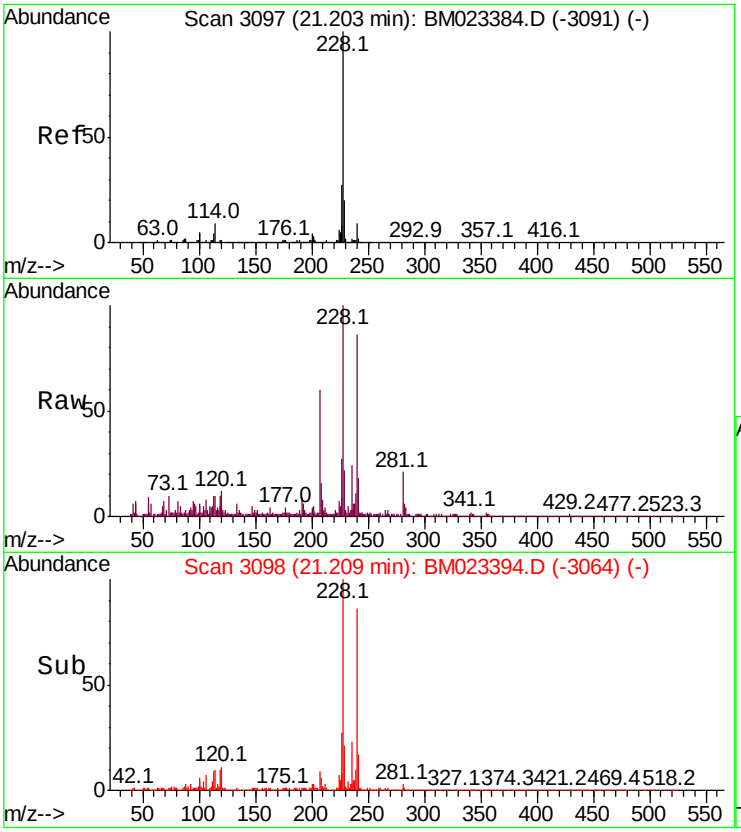


#80
Pyrene
Concen: 3.769 ng/ul
RT: 19.46 min Scan# 2800
Delta R.T. -0.00 min
Lab File: BM023394.D
Acq: 25 Oct 2019 04:13

Tgt Ion:202 Resp: 479297

Ion	Ratio	Lower	Upper
202	100		
101	13.3	10.0	15.0
100	10.8	8.3	12.5



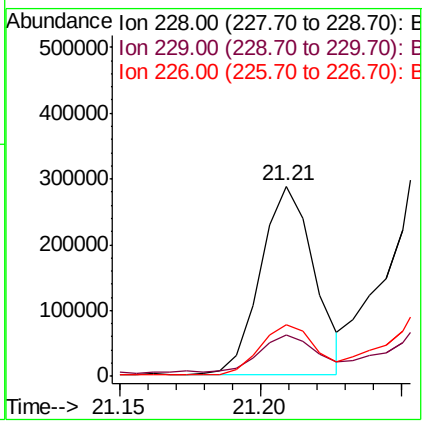


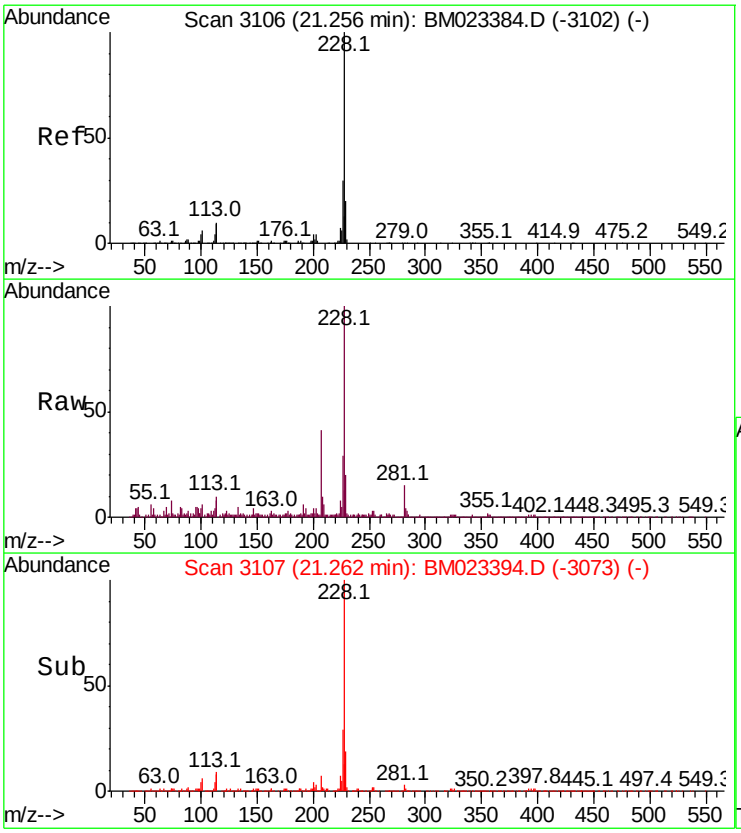
#83
Benzo(a)anthracene
Concen: 3.163 ng/ul
RT: 21.21 min Scan# 3098
Delta R.T. -0.00 min
Lab File: BM023394.D
Acq: 25 Oct 2019 04:13

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 380968

Ion	Ratio	Lower	Upper
228	100		
229	22.1	15.8	23.8
226	27.4	21.6	32.4

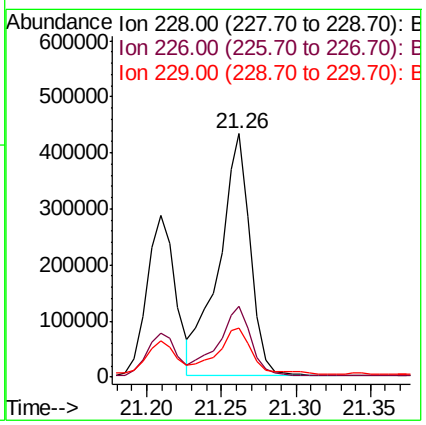


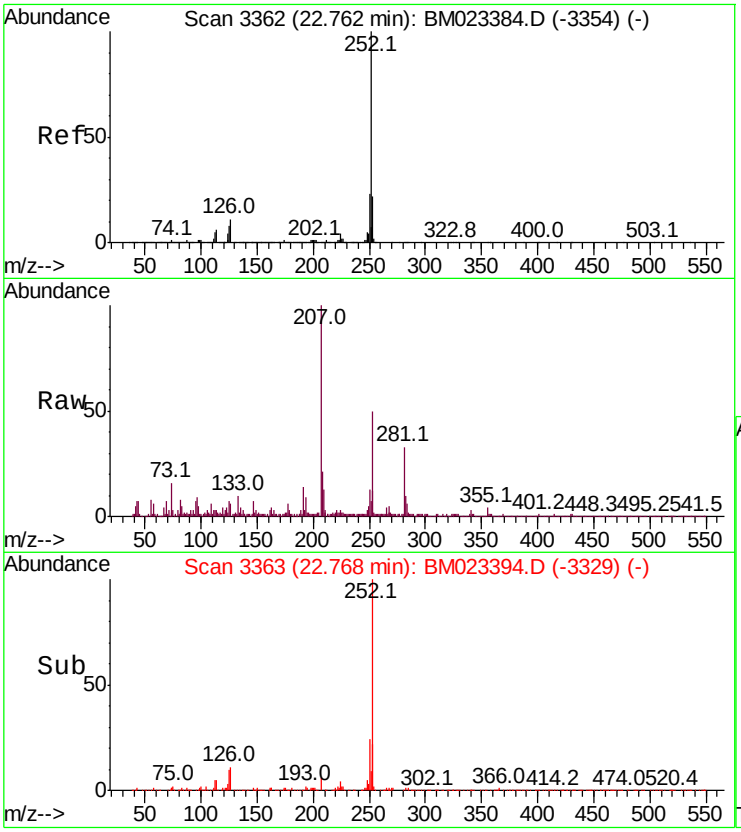


#85
Chrysene
Concen: 5.731 ng/ul
RT: 21.26 min Scan# 3107
Delta R.T. -0.00 min
Lab File: BM023394.D
Acq: 25 Oct 2019 04:13

Tgt Ion:228 Resp: 636840

Ion	Ratio	Lower	Upper
228	100		
226	29.1	24.0	36.0
229	20.0	16.0	24.0





#88
Benzo(b)fluoranthene
Concen: 2.358 ng/ul
RT: 22.77 min Scan# 3363
Delta R.T. -0.00 min
Lab File: BM023394.D
Acq: 25 Oct 2019 04:13

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 343832

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.5	26.3
125	14.2	7.1	10.7#