Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM110419\

Quantitation Report (Not Reviewed)

Data File : BM023594.D
Acq On : 05 Nov 2019 00:09
Operator : JU
Sample : K5403-03
Misc : GCMS CONFIRMATION
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB94

Quant Time: Nov 05 03:30:44 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 05 03:27:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	529878	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	2004923	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.25	164	1122590	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.00	188	2203313	20.00	ng/ul	0.00
78) Chrysene-d12	21.19	240	2154686	20.00	ng/ul	0.00
86) Perylene-d12	23.38	264	2765976	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.14	96	528	0.05	ng/uL	0.00
5) Phenol-d5	0.00	99	0	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	6.95	67	323	0.01	ng/ul	0.00
9) 2-Chlorophenol-d4	0.00	132	0	0.00	ng/ul	
13) 4-Methylphenol-d8	0.00	113	0	0.00	ng/ul	
19) Nitrobenzene-d5	0.00	128	0	0.00	ng/ul	
22) 2-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
26) 2,4-Dichlorophenol-d3	0.00	165	0	0.00	ng/ul	
29) 4-Chloroaniline-d4	10.39	131	3149	0.08	ng/ul	-0.13
44) Dimethylphthalate-d6	0.00	166	0	0.00	ng/ul	
47) Acenaphthylene-d8	13.93	160	251	0.00	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.50	143	241	0.02	ng/ul	0.04
58) Fluorene-d10	15.25	176	238	0.00	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	17.00	188	2203313	21.16	ng/ul	-0.10
79) Pyrene-d10	19.40	212	4470	0.04	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.38	264	2723017	19.33	ng/ul	0.14
Target Compounds						Qvalue
59) Fluorene	15.30	166	140607	1.691	ng/ul	96
70) Phenanthrene	17.04	178	2637314	21.419	ng/ul	99
77) Fluoranthene	19.06	202	4476862	34.857	ng/ul	98
80) Pyrene	19.43	202	1080893	7.104	ng/ul	99
83) Benzo(a)anthracene	21.18	228	835889	5.801	ng/ul	100
85) Chrysene	21.23	228	1472474	11.074	ng/ul	100
88) Benzo(b)fluoranthene	22.73	252	815674	4.592	ng/ul#	97
89) Benzo(k)fluoranthene	22.73	252	815674	4.890	ng/ul#	97

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

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Quant Title : SVOA CALIBRATION
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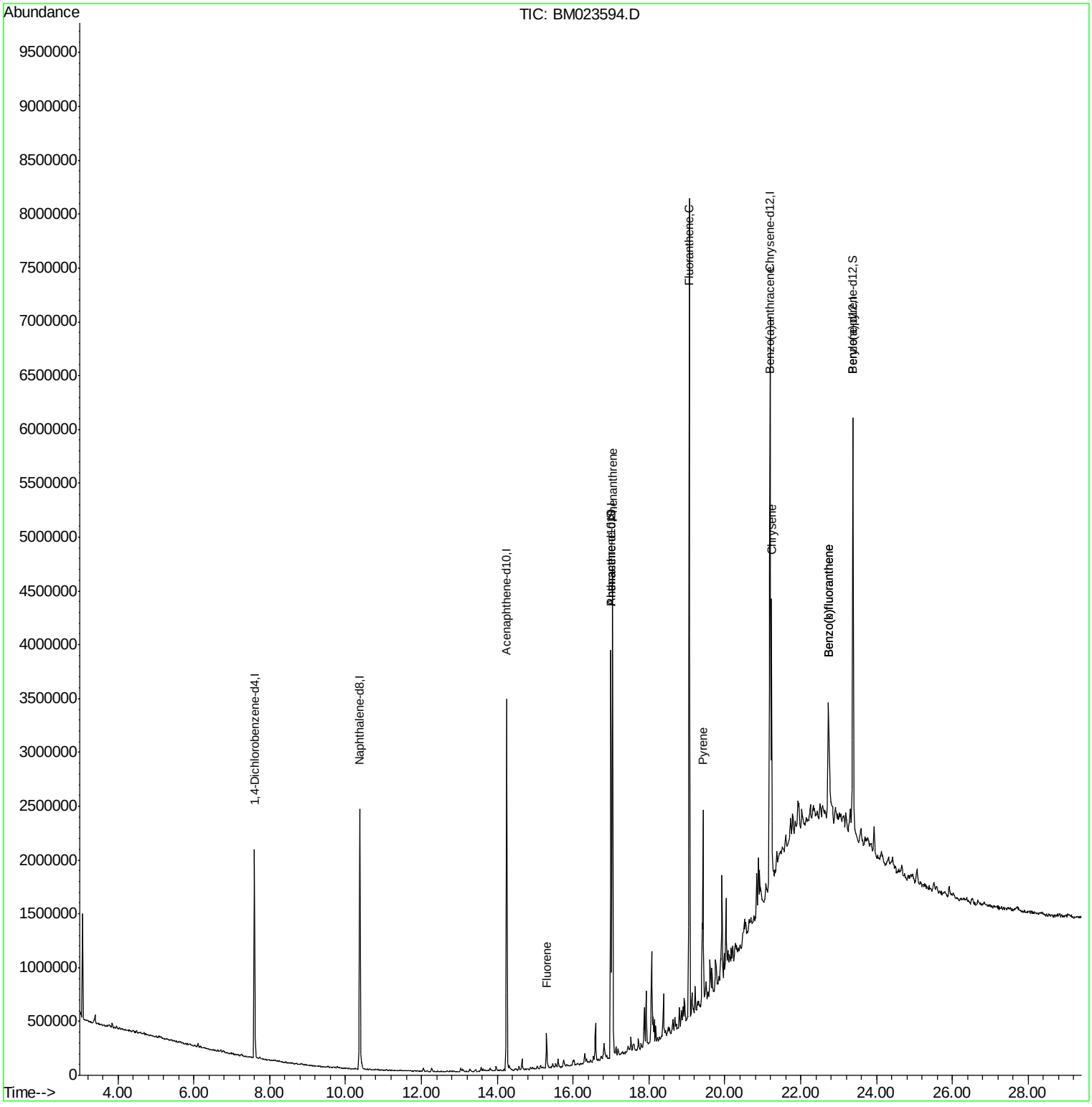
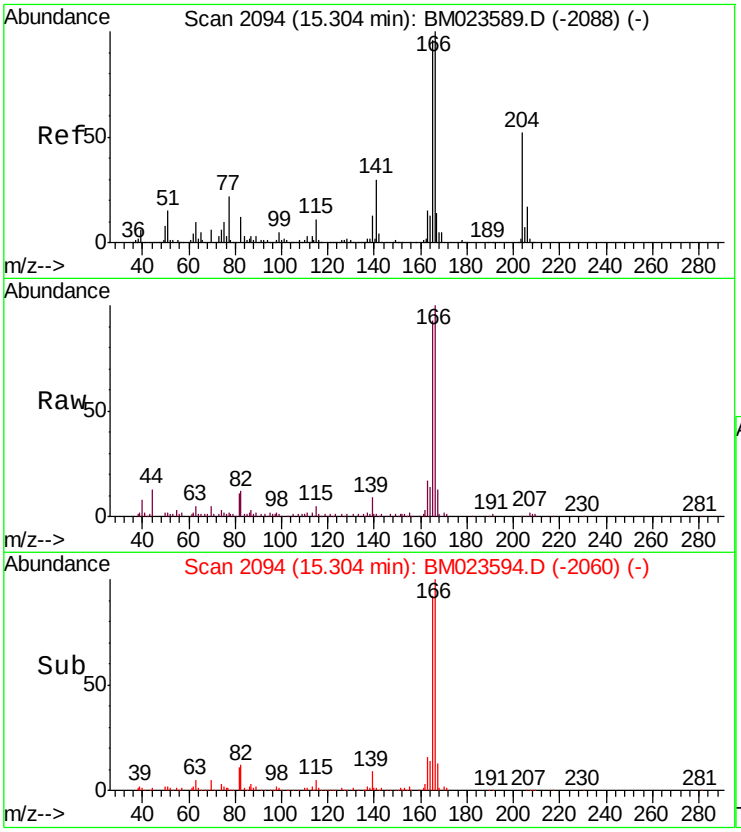
Response via : Initial Calibration



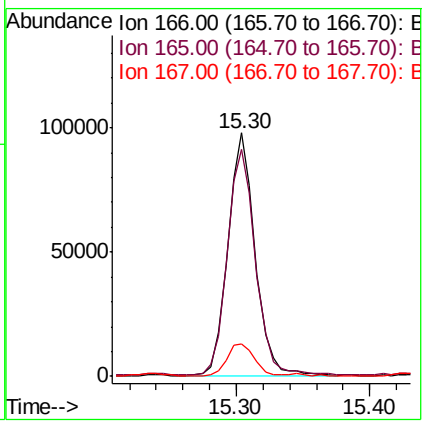


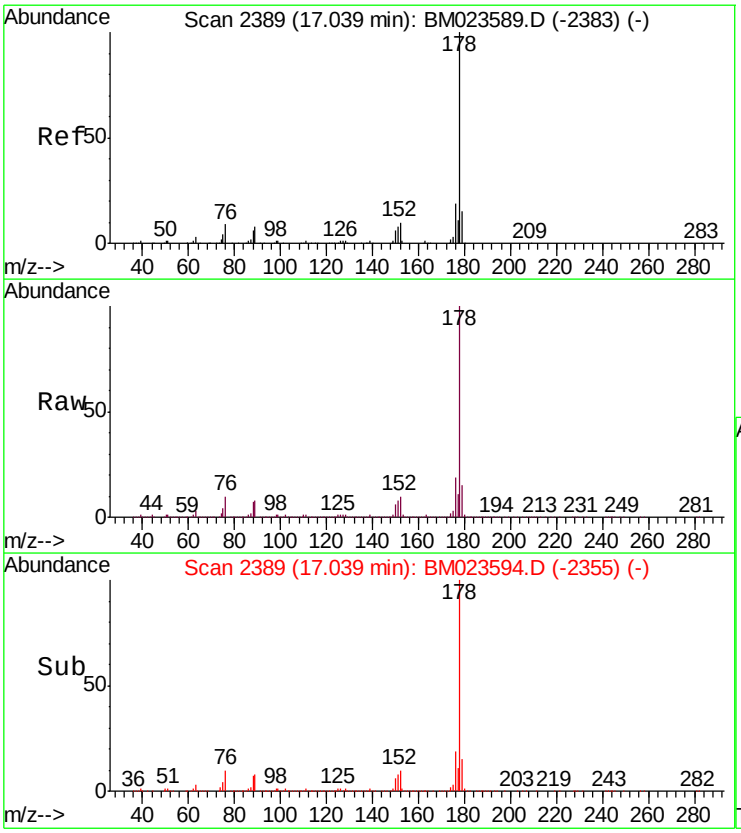
#59
Fluorene
Concen: 1.691 ng/ul
RT: 15.30 min Scan# 2094
Delta R.T. 0.00 min
Lab File: BM023594.D
Acq: 05 Nov 2019 00:09

Instrument :
BNA_M
ClientSampleId :
BFB94

Tgt Ion:166 Resp: 140607

Ion	Ratio	Lower	Upper
166	100		
165	93.1	77.8	116.6
167	13.1	10.8	16.2

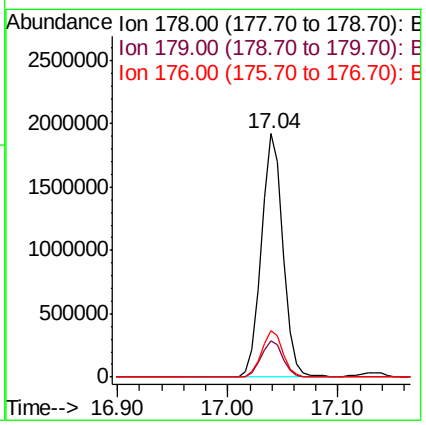


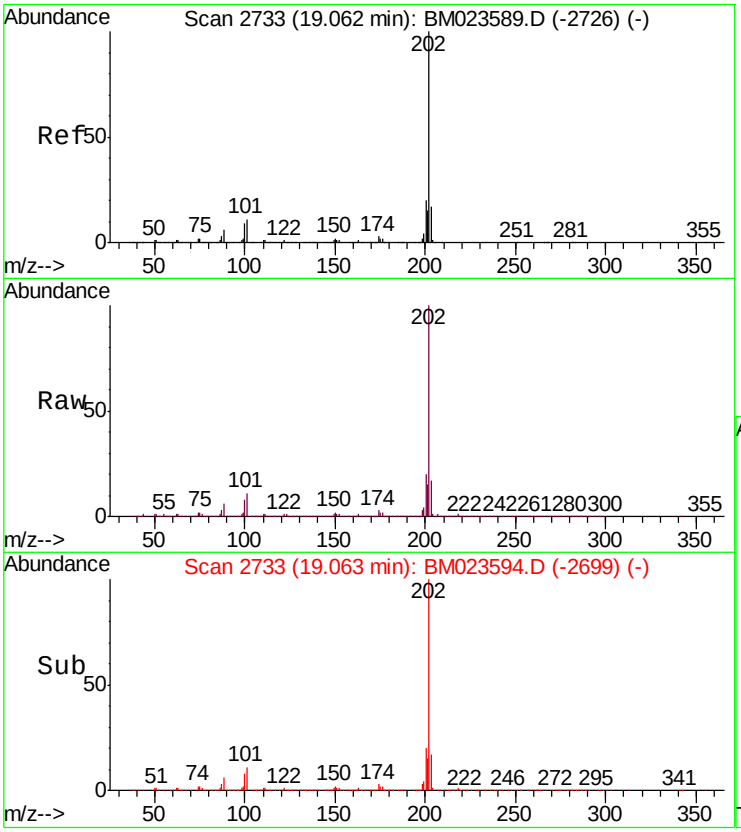


#70
Phenanthrene
Concen: 21.419 ng/ul
RT: 17.04 min Scan# 2389
Delta R.T. 0.00 min
Lab File: BM023594.D
Acq: 05 Nov 2019 00:09

Tgt Ion:178 Resp: 2637314

Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.2	18.2
176	19.2	14.9	22.3



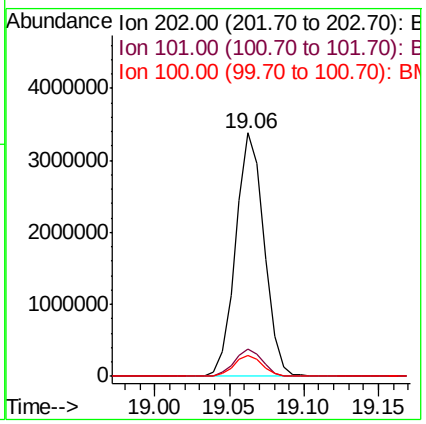


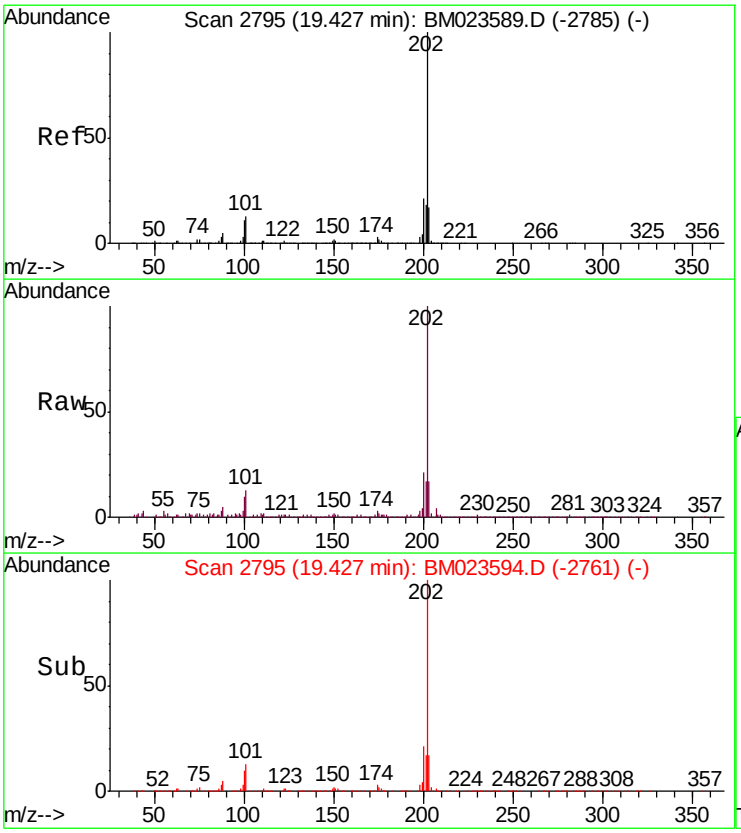
#77
Fluoranthene
Concen: 34.857 ng/ul
RT: 19.06 min Scan# 2733
Delta R.T. 0.00 min
Lab File: BM023594.D
Acq: 05 Nov 2019 00:09

Instrument :
BNA_M
ClientSampleId :
BFB94

Tgt Ion:202 Resp: 4476862

Ion	Ratio	Lower	Upper
202	100		
101	11.0	8.1	12.1
100	8.4	6.2	9.2

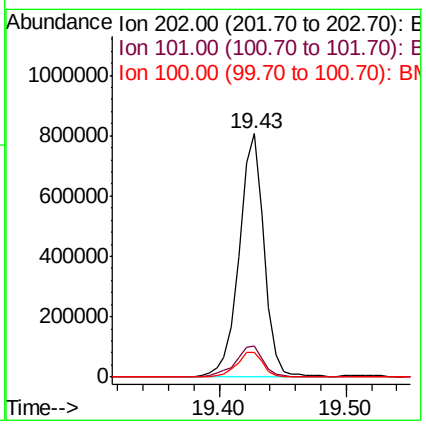


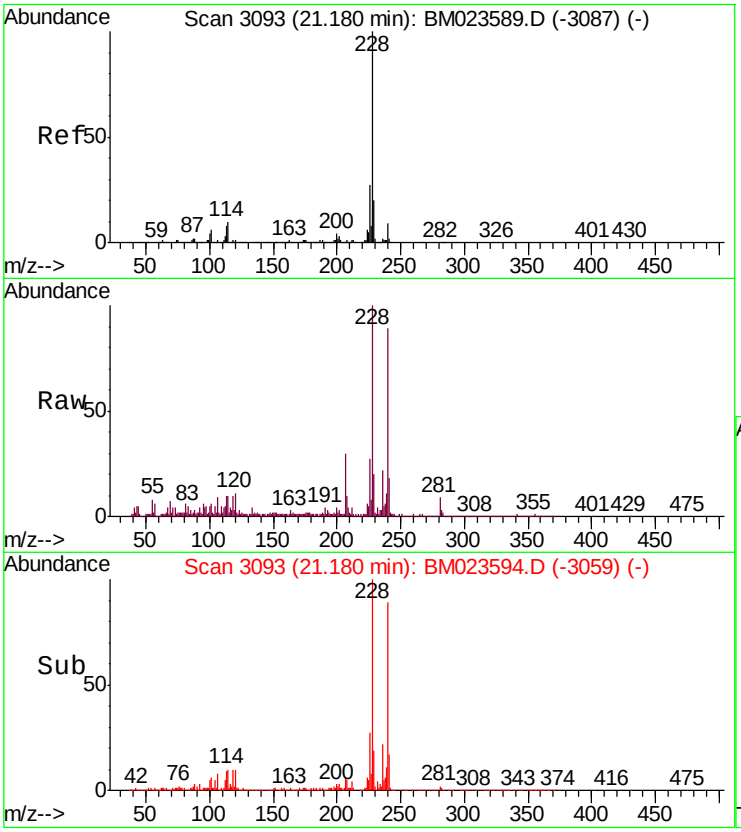


#80
Pyrene
Concen: 7.104 ng/ul
RT: 19.43 min Scan# 2795
Delta R.T. 0.00 min
Lab File: BM023594.D
Acq: 05 Nov 2019 00:09

Tgt Ion:202 Resp: 1080893

Ion	Ratio	Lower	Upper
202	100		
101	12.8	10.0	15.0
100	10.3	8.3	12.5



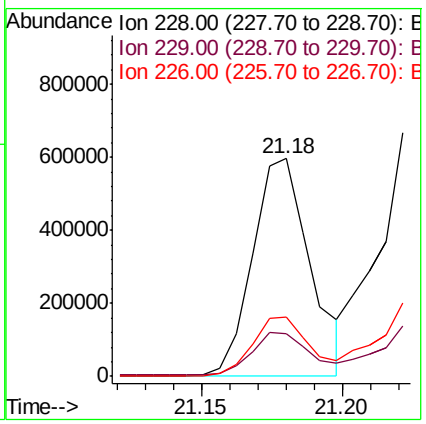


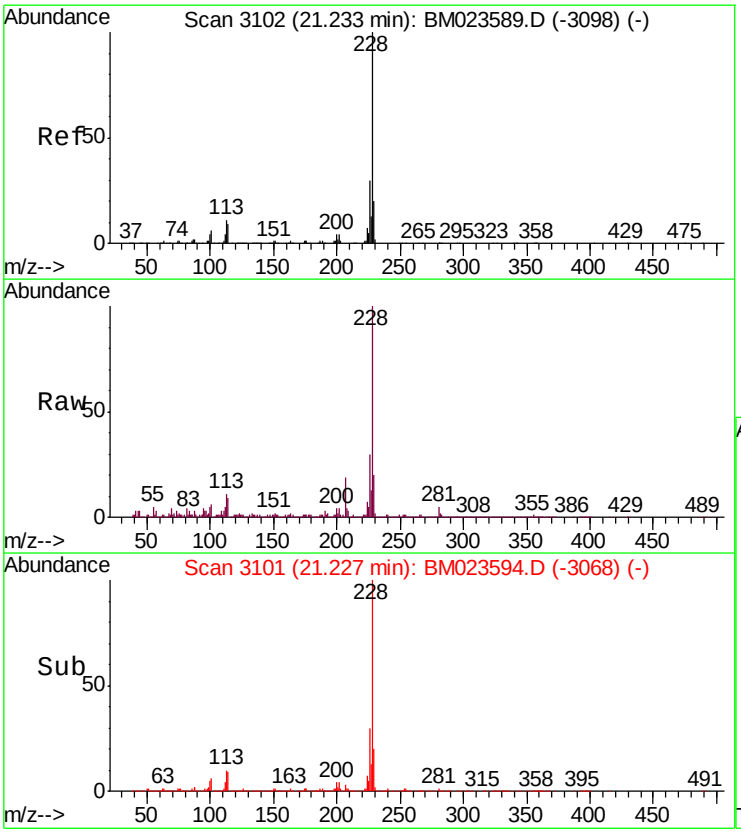
#83
Benzo(a)anthracene
Concen: 5.801 ng/ul
RT: 21.18 min Scan# 3093
Delta R.T. 0.00 min
Lab File: BM023594.D
Acq: 05 Nov 2019 00:09

Instrument :
BNA_M
ClientSampleId :
BFB94

Tgt Ion:228 Resp: 835889

Ion	Ratio	Lower	Upper
228	100		
229	19.9	15.8	23.8
226	27.0	21.6	32.4

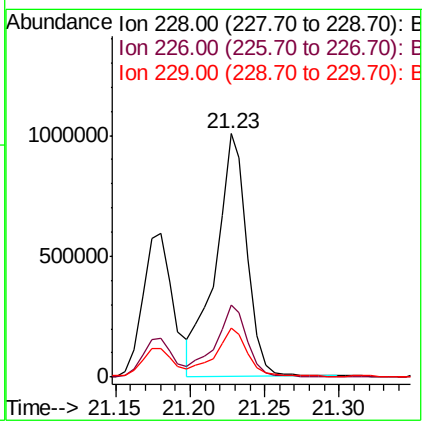


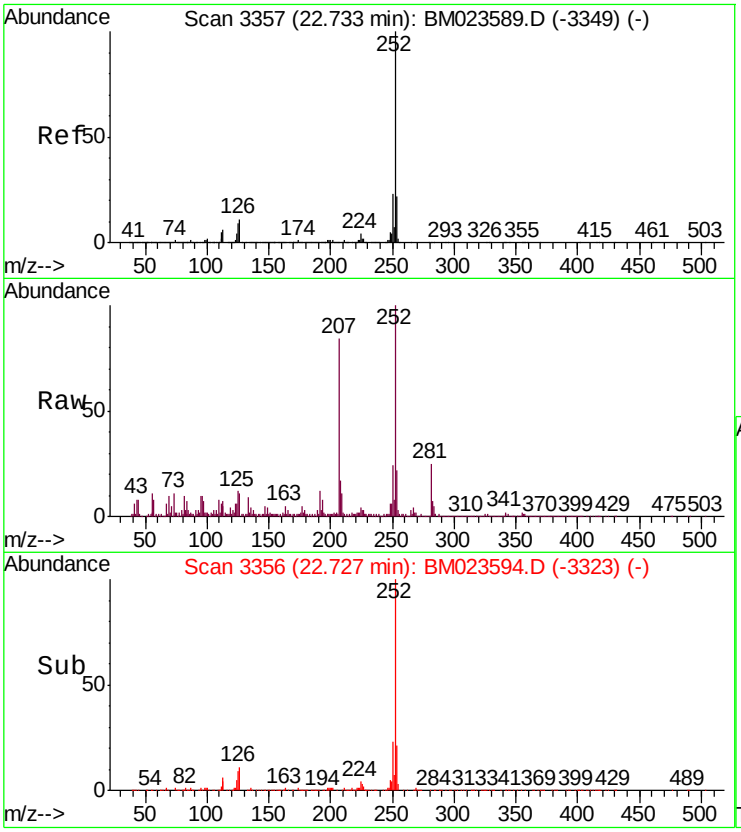


#85
Chrysene
Concen: 11.074 ng/ul
RT: 21.23 min Scan# 3101
Delta R.T. -0.01 min
Lab File: BM023594.D
Acq: 05 Nov 2019 00:09

Tgt Ion:228 Resp: 1472474

Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.0	36.0
229	20.0	16.0	24.0



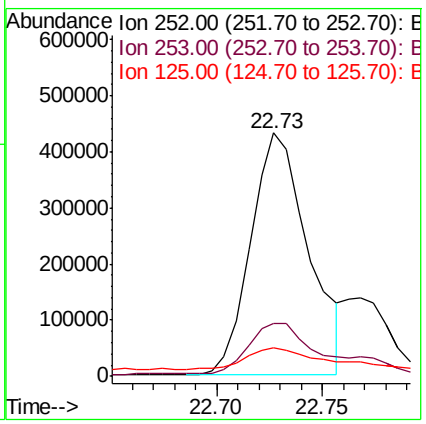


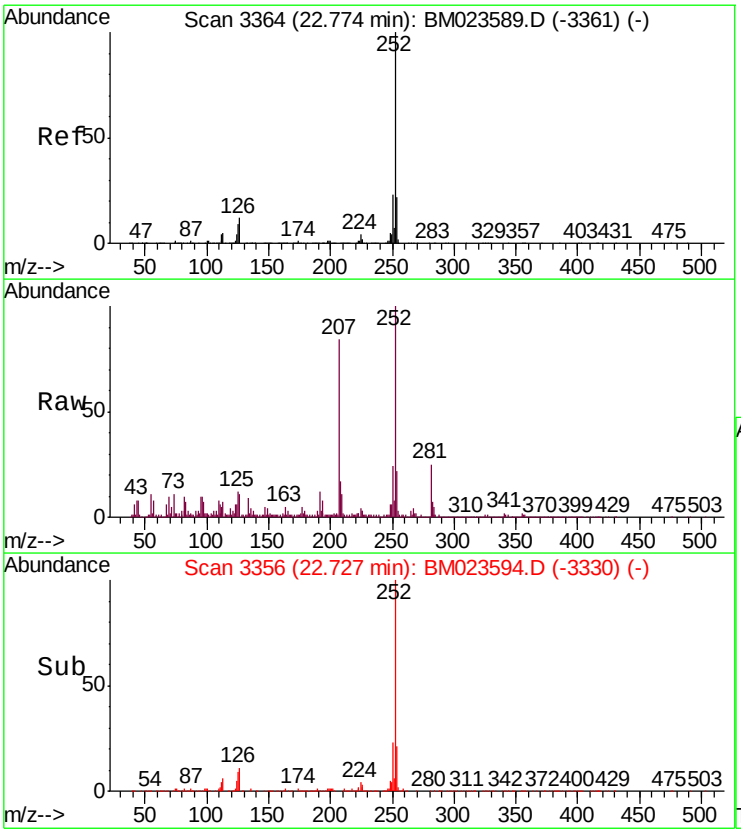
#88
Benzo(b)fluoranthene
Concen: 4.592 ng/ul
RT: 22.73 min Scan# 3356
Delta R.T. -0.01 min
Lab File: BM023594.D
Acq: 05 Nov 2019 00:09

Instrument :
BNA_M
ClientSampleId :
BFB94

Tgt Ion:252 Resp: 815674

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.5	26.3
125	11.8	7.1	10.7#





#89
Benzo(k)fluoranthene
Concen: 4.890 ng/ul
RT: 22.73 min Scan# 3356
Delta R.T. -0.05 min
Lab File: BM023594.D
Acq: 05 Nov 2019 00:09

Tgt Ion:252 Resp: 815674

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.8	26.6
125	11.8	6.8	10.2#