Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM120418\

Quantitation Report (QT/LSC Reviewed)

Data File : BM017896.D
Acq On : 04 Dec 2018 04:32
Operator : JU/SJ
Sample : J6045-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB4T2

Manual Integrations APPROVED
mohammad
12/4/2018 10:26:57 AM

Quant Time: Dec 04 06:32:01 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 04 00:18:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	231709	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	1002654	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.22	164	591329	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.98	188	1228949	20.00	ng/ul	0.00
77) Chrysene-d12	21.19	240	1106531	20.00	ng/ul	0.00
85) Perylene-d12	23.37	264	1004575	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
5) Phenol-d5	0.00	99	0	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	0.00	67	0d	0.00	ng/ul	
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	0.00	131	0d	0.00	ng/ul	
43) Dimethylphthalate-d6	0.00	166	0	0.00	ng/ul	
46) Acenaphthylene-d8	0.00	160	0	0.00	ng/ul	
51) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
57) Fluorene-d10	0.00	176	0d	0.00	ng/ul	
62) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
70) Anthracene-d10	0.00	188	0d	0.00	ng/ul	
78) Pyrene-d10	0.00	212	0d	0.00	ng/ul	
89) Benzo(a)pyrene-d12	0.00	264	0d	0.00	ng/ul	
Target Compounds						Qvalue
69) Phenanthrene	17.03	178	208745	2.970	ng/ul	98
76) Fluoranthene	19.05	202	433908	5.249	ng/ul	99
79) Pyrene	19.42	202	301090	4.482	ng/ul	98
82) Benzo(a)anthracene	21.17	228	240034	3.497	ng/ul	98
84) Chrysene	21.22	228	277101	4.317	ng/ul	99
87) Benzo(b)fluoranthene	22.72	252	300349	4.810	ng/ul#	96
88) Benzo(k)fluoranthene	22.76	252	91282m	1.504	ng/ul	

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

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Manual Integrations APPROVED
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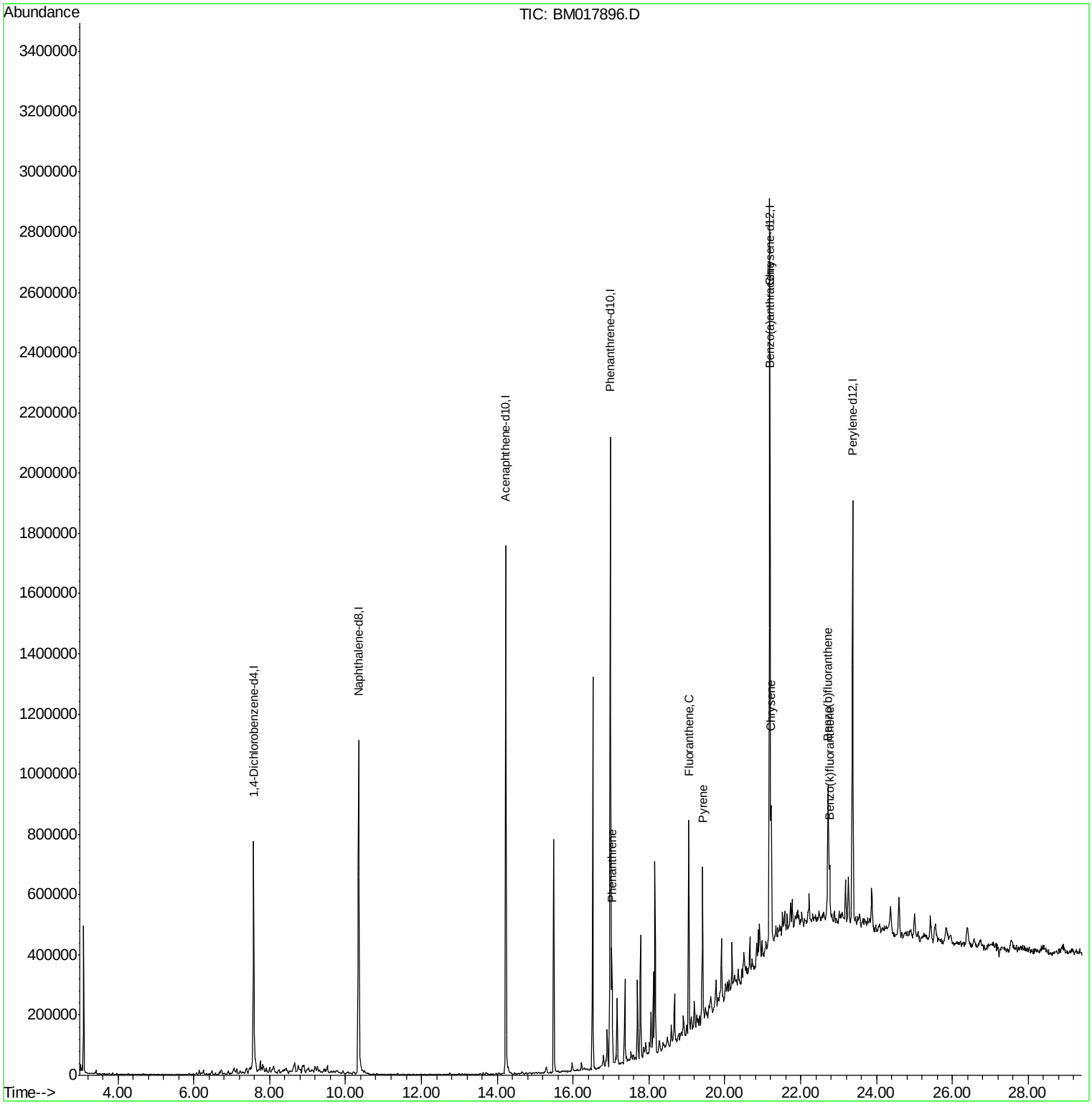
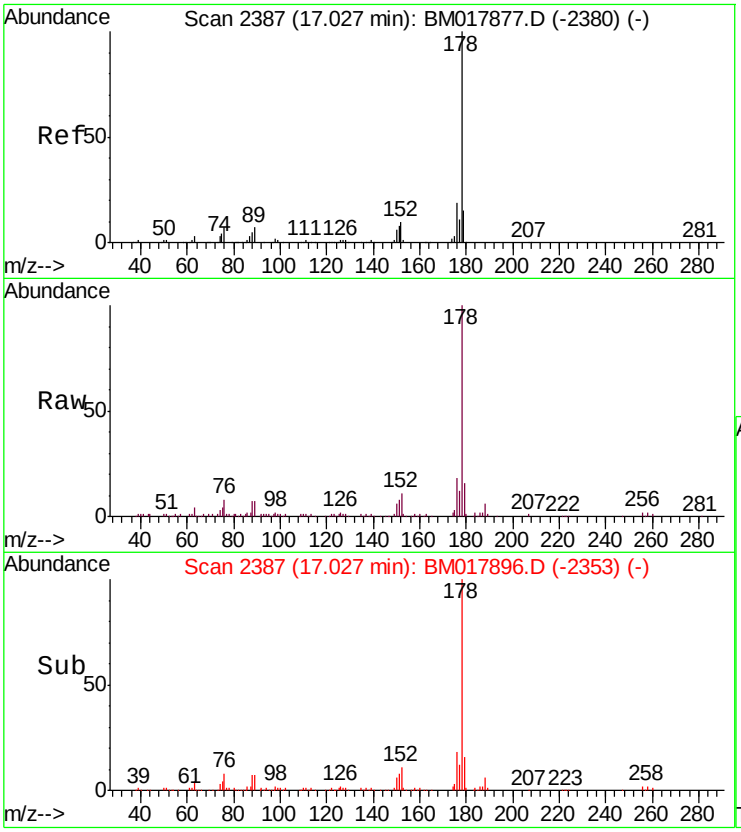
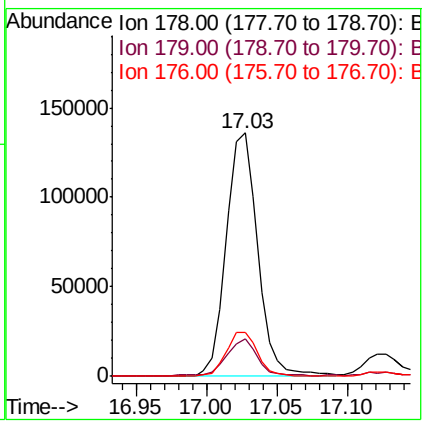




#69
Phenanthrene
Concen: 2.970 ng/ul
RT: 17.03 min Scan# 2387
Delta R.T. -0.00 min
Lab File: BM017896.D
Acq: 04 Dec 2018 04:32

Tgt Ion:178 Resp: 208745

Ion	Ratio	Lower	Upper
178	100		
179	15.6	11.8	17.8
176	18.1	15.0	22.6



Instrument :
BNA_M
ClientSampleId :
CB4T2

Manual Integrations APPROVED
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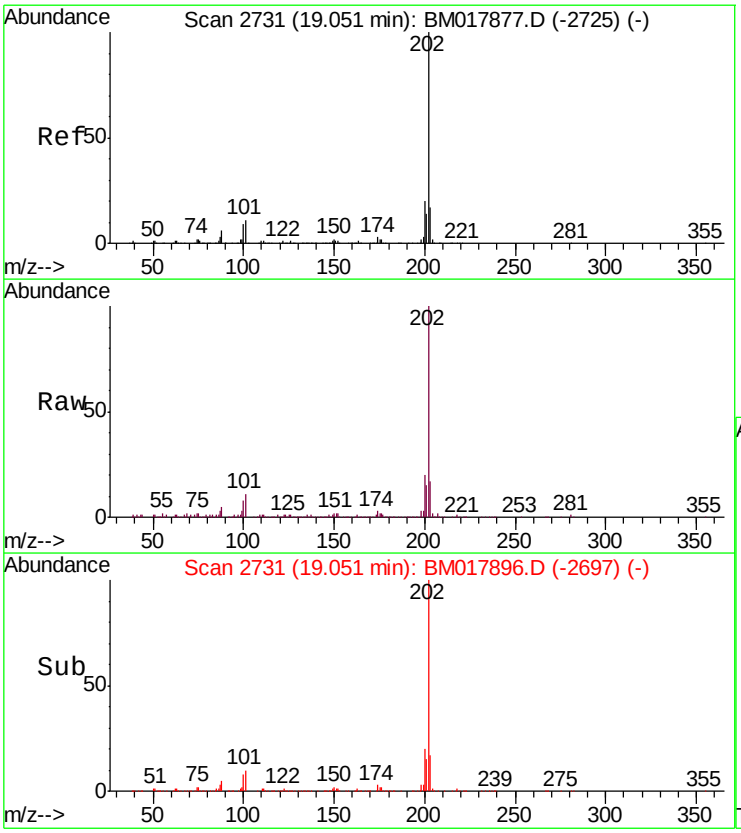
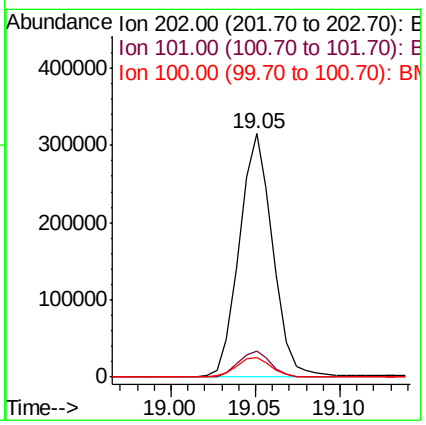
12/4/2018 10:26:57 AM

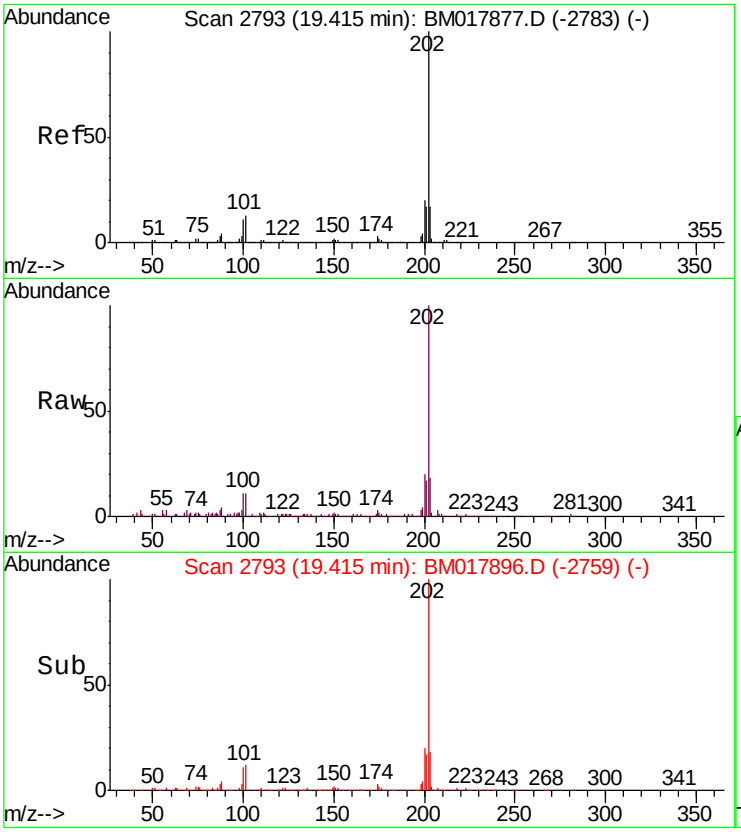


#76
Fluoranthene
Concen: 5.249 ng/ul
RT: 19.05 min Scan# 2731
Delta R.T. -0.00 min
Lab File: BM017896.D
Acq: 04 Dec 2018 04:32

Tgt Ion:202 Resp: 433908

Ion	Ratio	Lower	Upper
202	100		
101	10.7	8.4	12.6
100	7.9	6.6	9.8

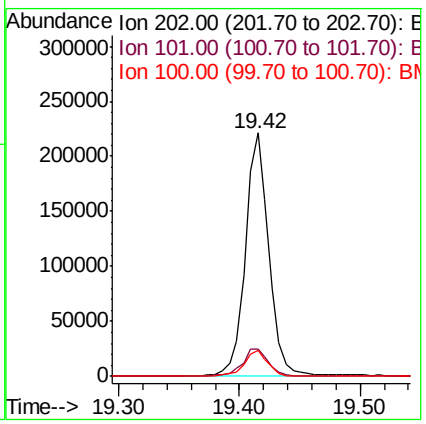




#79
Pyrene
Concen: 4.482 ng/ul
RT: 19.42 min Scan# 2793
Delta R.T. -0.00 min
Lab File: BM017896.D
Acq: 04 Dec 2018 04:32

Tgt Ion:202 Resp: 301090

Ion	Ratio	Lower	Upper
202	100		
101	11.5	9.6	14.4
100	10.5	7.9	11.9



Instrument :
BNA_M
ClientSampleId :
CB4T2

Manual Integrations APPROVED
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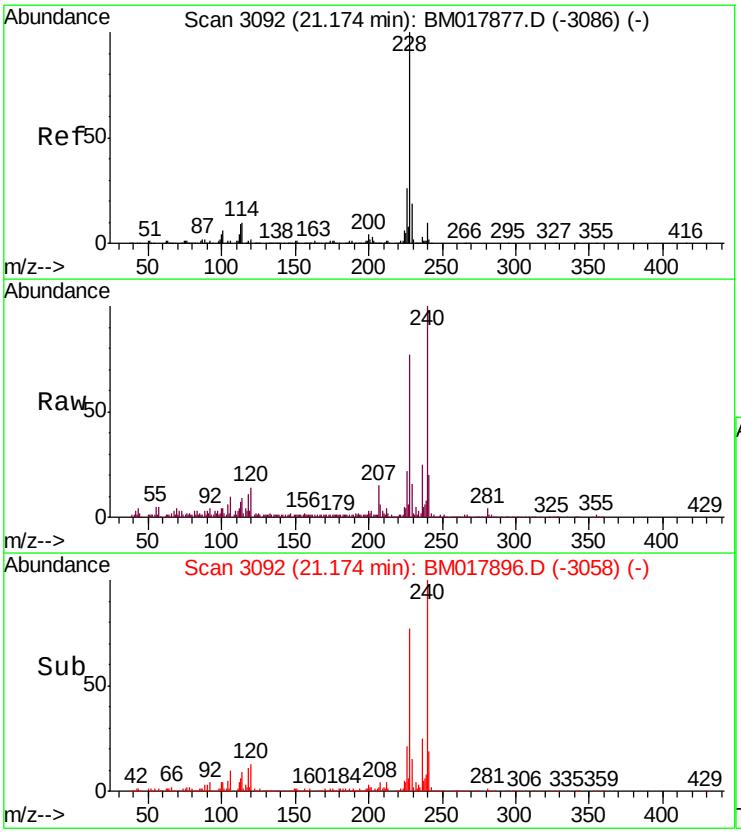
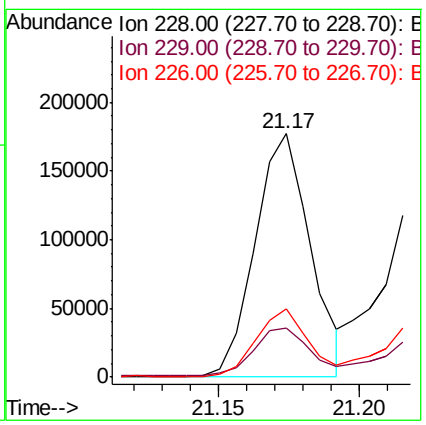
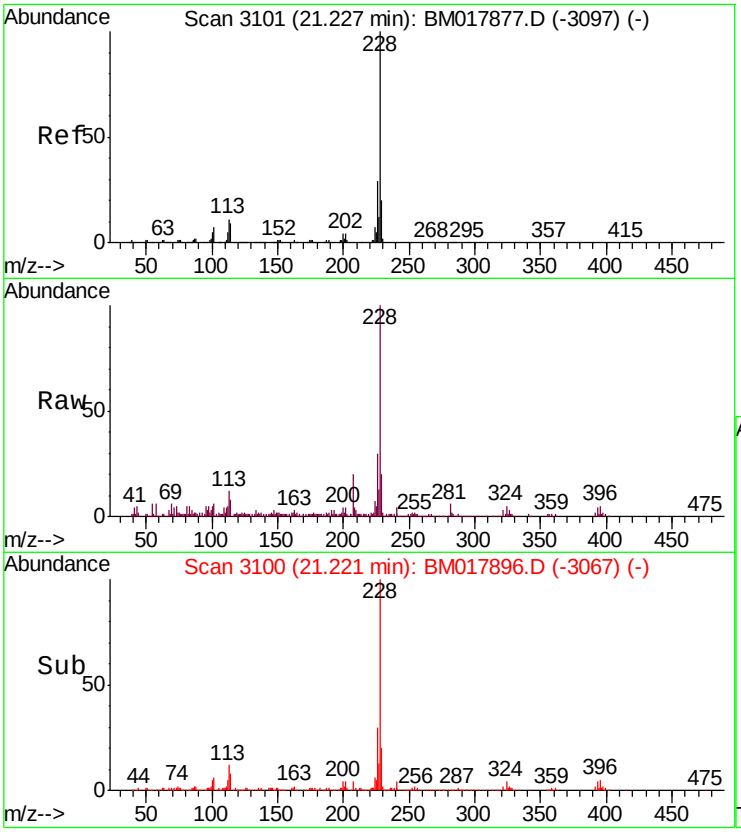


#82
Benzo(a)anthracene
Concen: 3.497 ng/ul
RT: 21.17 min Scan# 3092
Delta R.T. -0.00 min
Lab File: BM017896.D
Acq: 04 Dec 2018 04:32

Tgt Ion:228 Resp: 240034

Ion	Ratio	Lower	Upper
228	100		
229	20.3	16.0	24.0
226	27.8	21.0	31.6

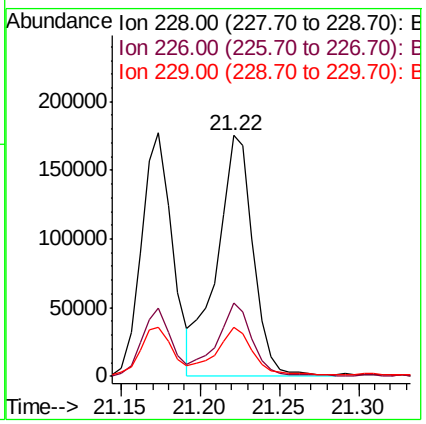




#84
Chrysene
Concen: 4.317 ng/ul
RT: 21.22 min Scan# 3100
Delta R.T. -0.01 min
Lab File: BM017896.D
Acq: 04 Dec 2018 04:32

Tgt Ion:228 Resp: 277101

Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.7	35.5
229	20.4	15.8	23.8



Instrument :
BNA_M
ClientSampleId :
CB4T2

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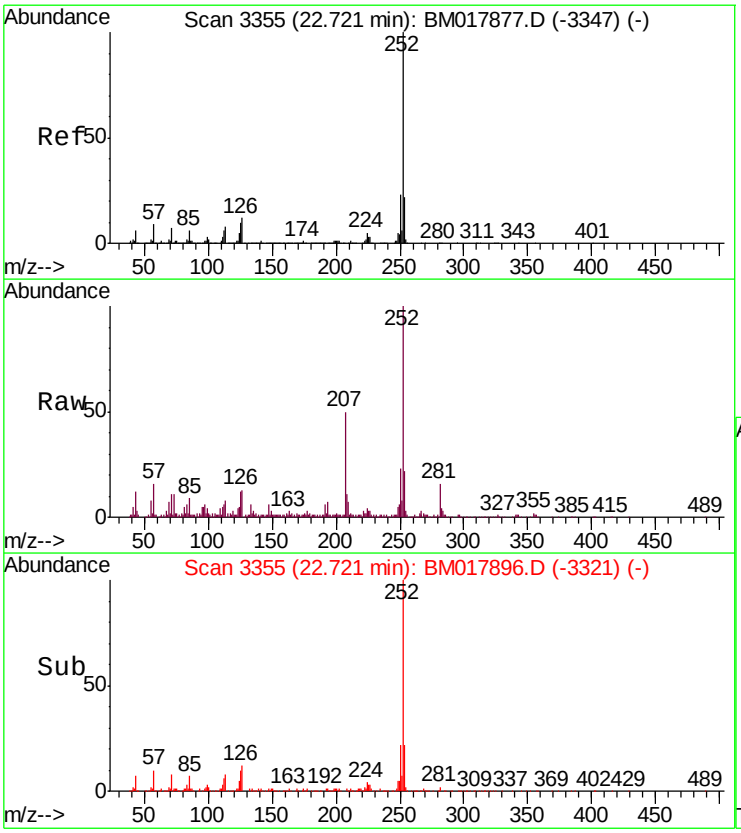
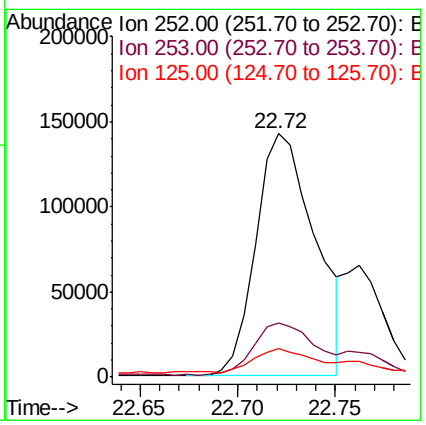
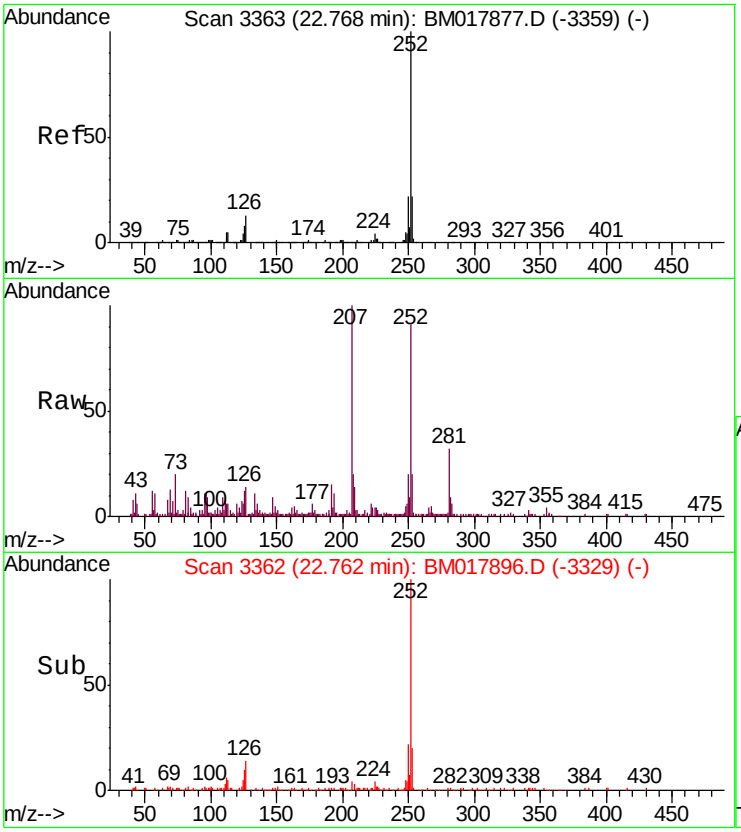


#87
Benzo(b)fluoranthene
Concen: 4.810 ng/ul
RT: 22.72 min Scan# 3355
Delta R.T. -0.00 min
Lab File: BM017896.D
Acq: 04 Dec 2018 04:32

Tgt Ion:252 Resp: 300349

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.0	25.4
125	11.8	7.3	10.9#

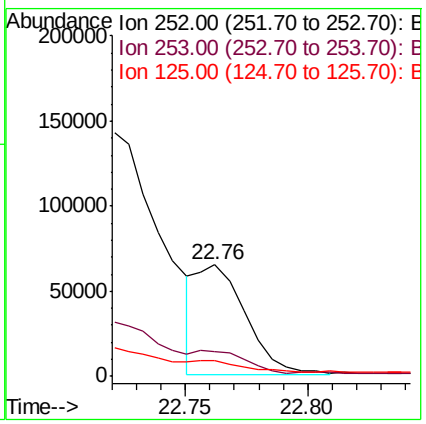




#88
Benzo(k)fluoranthene
Concen: 1.504 ng/ul m
RT: 22.76 min Scan# 3362
Delta R.T. -0.01 min
Lab File: BM017896.D
Acq: 04 Dec 2018 04:32

Tgt Ion:252 Resp: 91282

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.0
125	13.6	7.1	10.7#



Instrument :
BNA_M
ClientSampleId :
CB4T2

Manual Integrations APPROVED
mohammad
12/4/2018 10:26:57 AM