Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM033019\
Data File : BM019641.D
Acq On : 31 Mar 2019 04:22
Operator : JU/SJ
Sample : K2068-22
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BF5K3

Manual Integrations APPROVED
Sohil
4/1/2019 5:51:01 PM

Quant Time: Apr 01 01:22:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 29 14:33:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	137238	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.35	136	629146	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.23	164	354988	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.99	188	813980	20.00	ng/ul	0.00
78) Chrysene-d12	21.20	240	1042307	20.00	ng/ul	0.00
86) Perylene-d12	23.40	264	1187064	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.12	96	16566	4.73	ng/uL	0.00
5) Phenol-d5	6.76	99	174609	14.29	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	120270	14.70	ng/ul	0.00
9) 2-Chlorophenol-d4	7.11	132	142318	15.37	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	107371	11.70	ng/ul	0.00
19) Nitrobenzene-d5	8.75	128	67940	15.14	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	76859	15.39	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	126872	13.46	ng/ul	0.00
29) 4-Chloroaniline-d4	10.52	131	164432	14.53	ng/ul	0.00
44) Dimethylphthalate-d6	13.66	166	455795	15.91	ng/ul	0.00
47) Acenaphthylene-d8	13.93	160	525974	14.69	ng/ul	0.00
52) 4-Nitrophenol-d4	14.50	143	50311m	11.21	ng/ul	0.02
58) Fluorene-d10	15.23	176	391049	15.85	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	38046	7.07	ng/ul	0.00
71) Anthracene-d10	17.09	188	596921	15.28	ng/ul	0.00
79) Pyrene-d10	19.40	212	672424	13.97	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.26	264	851812	13.54	ng/ul	0.00
Target Compounds						Qvalue
45) Dimethylphthalate	13.70	163	80666	2.807	ng/ul#	98
77) Fluoranthene	19.06	202	96367m	1.822	ng/ul	
80) Pyrene	19.43	202	100024	1.595	ng/ul#	81
83) Benzo(a)anthracene	21.18	228	74643	1.190	ng/ul	99
85) Chrysene	21.23	228	88235	1.466	ng/ul	99
88) Benzo(b)fluoranthene	22.74	252	149861	2.073	ng/ul#	93
91) Benzo(a)pyrene	23.30	252	91067	1.317	ng/ul#	90

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

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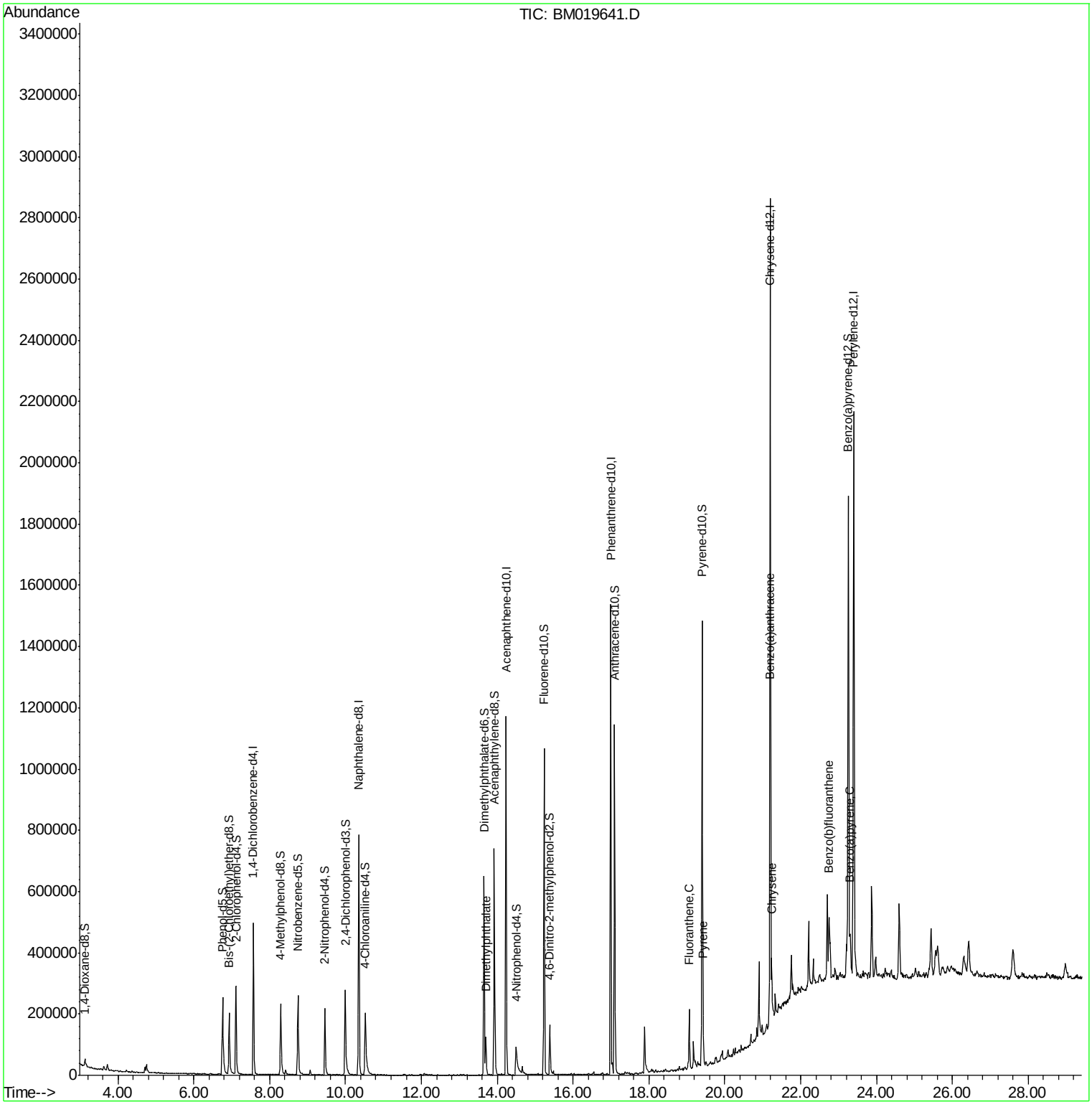

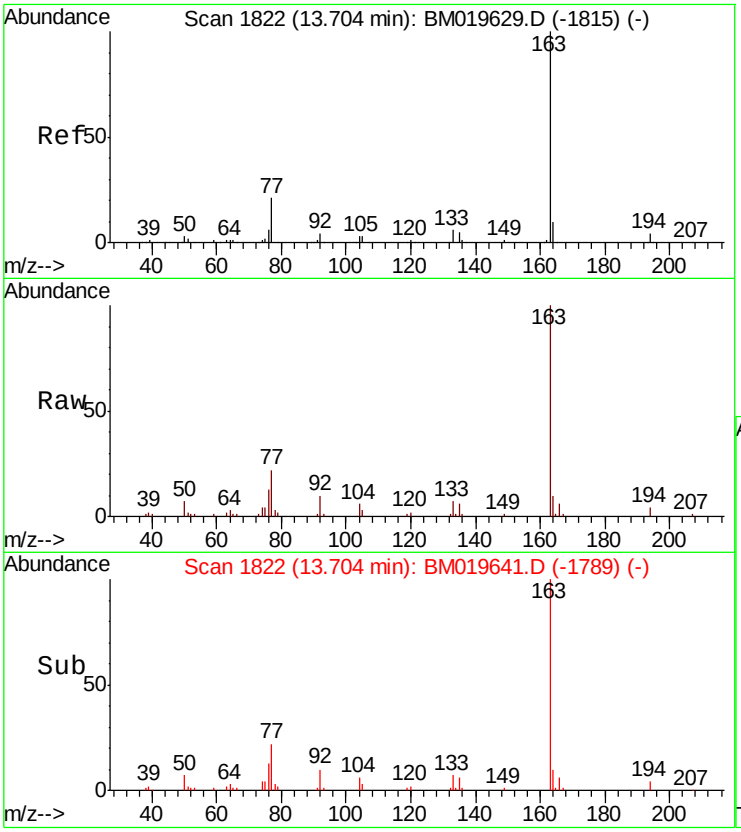

#45
Dimethylphthalate
Concen: 2.807 ng/ul
RT: 13.70 min Scan# 1822
Delta R.T. -0.01 min
Lab File: BM019641.D
Acq: 31 Mar 2019 04:22

Tgt Ion:163 Resp: 80666

Ion	Ratio	Lower	Upper
163	100		
194	3.9	4.0	6.0#
164	9.8	8.4	12.6

Instrument :
BNA_M
ClientSampleId :
BF5K3

Manual Integrations APPROVED
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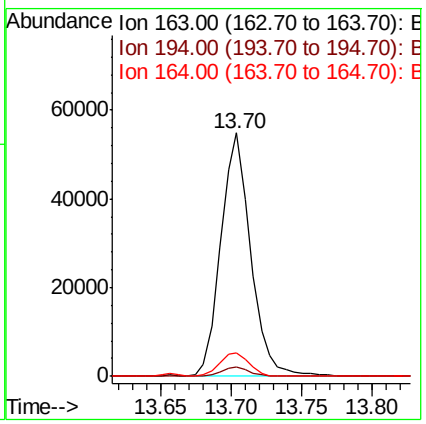
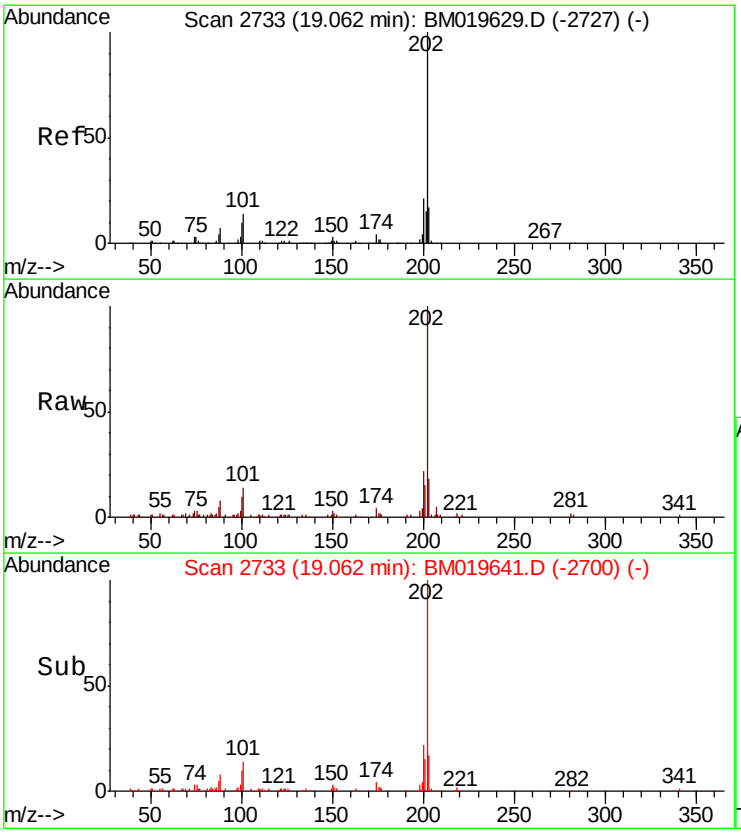
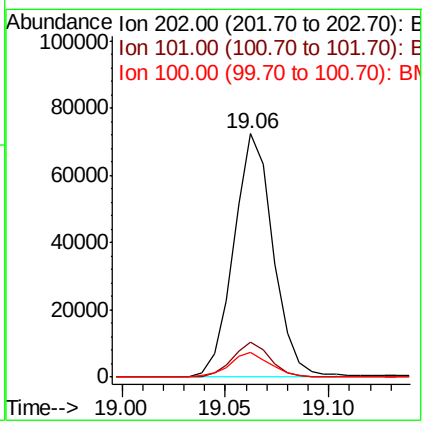


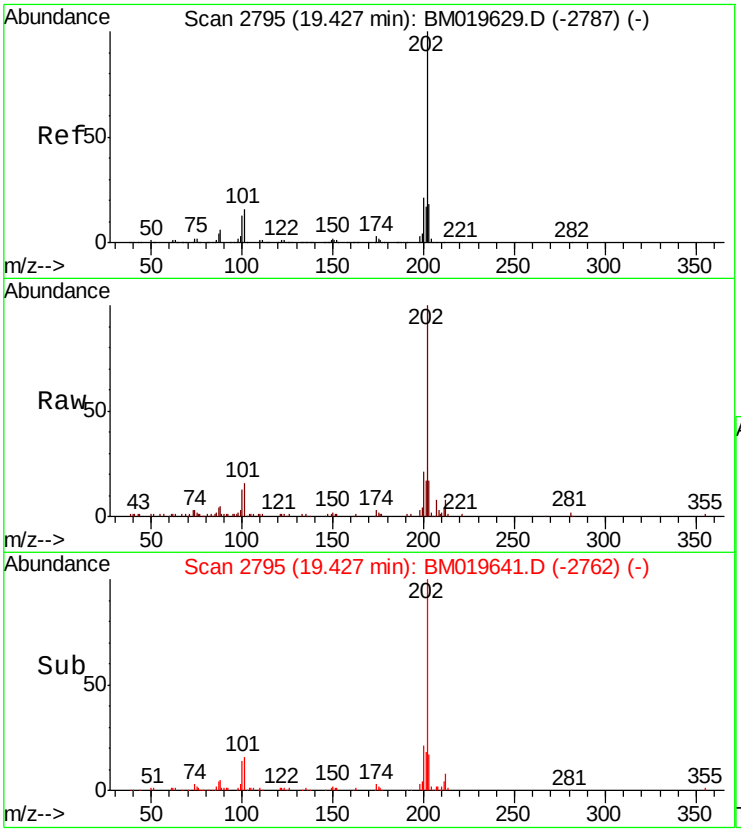


#77
Fluoranthene
Concen: 1.822 ng/ul m
RT: 19.06 min Scan# 2733
Delta R.T. -0.01 min
Lab File: BM019641.D
Acq: 31 Mar 2019 04:22

Tgt Ion:202 Resp: 96367

Ion	Ratio	Lower	Upper
202	100		
101	14.3	6.1	9.1#
100	10.4	4.6	7.0#





#80
Pyrene
Concen: 1.595 ng/ul
RT: 19.43 min Scan# 2795
Delta R.T. -0.01 min
Lab File: BM019641.D
Acq: 31 Mar 2019 04:22

Tgt Ion:202 Resp: 100024

Ion	Ratio	Lower	Upper
202	100		
101	15.8	6.9	10.3#
100	13.4	5.6	8.4#

Instrument :
BNA_M
ClientSampleId :
BF5K3

Manual Integrations APPROVED
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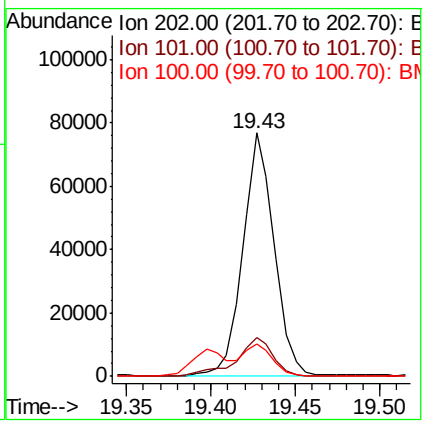
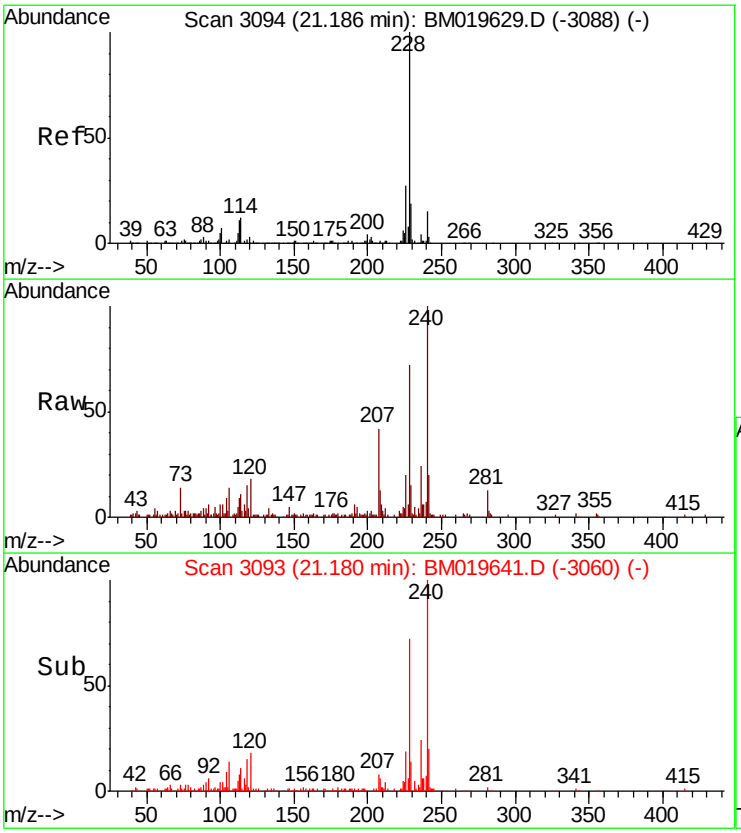
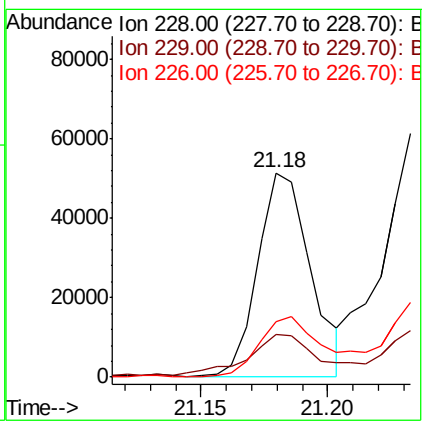


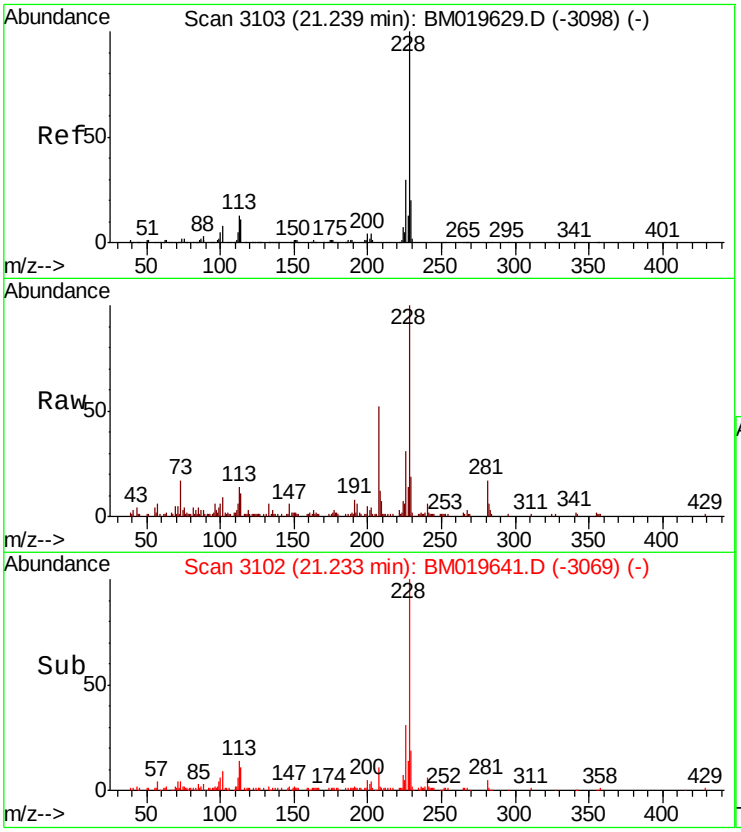


#83
Benzo(a)anthracene
Concen: 1.190 ng/ul
RT: 21.18 min Scan# 3093
Delta R.T. -0.01 min
Lab File: BM019641.D
Acq: 31 Mar 2019 04:22

Tgt Ion:228 Resp: 74643

Ion	Ratio	Lower	Upper
228	100		
229	21.0	16.0	24.0
226	27.4	21.8	32.8





#85
Chrysene
Concen: 1.466 ng/ul
RT: 21.23 min Scan# 3102
Delta R.T. -0.01 min
Lab File: BM019641.D
Acq: 31 Mar 2019 04:22

Tgt Ion:228 Resp: 88235

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.1	36.1
229	19.3	16.0	24.0

Instrument :
BNA_M
ClientSampleId :
BF5K3

Manual Integrations APPROVED
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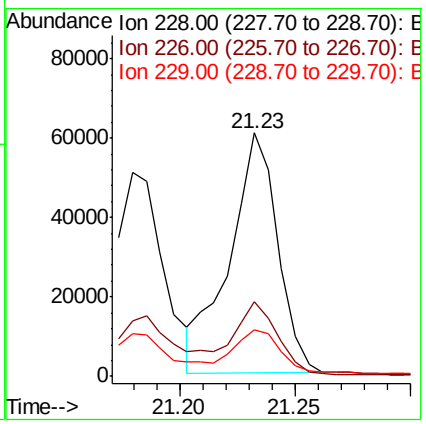
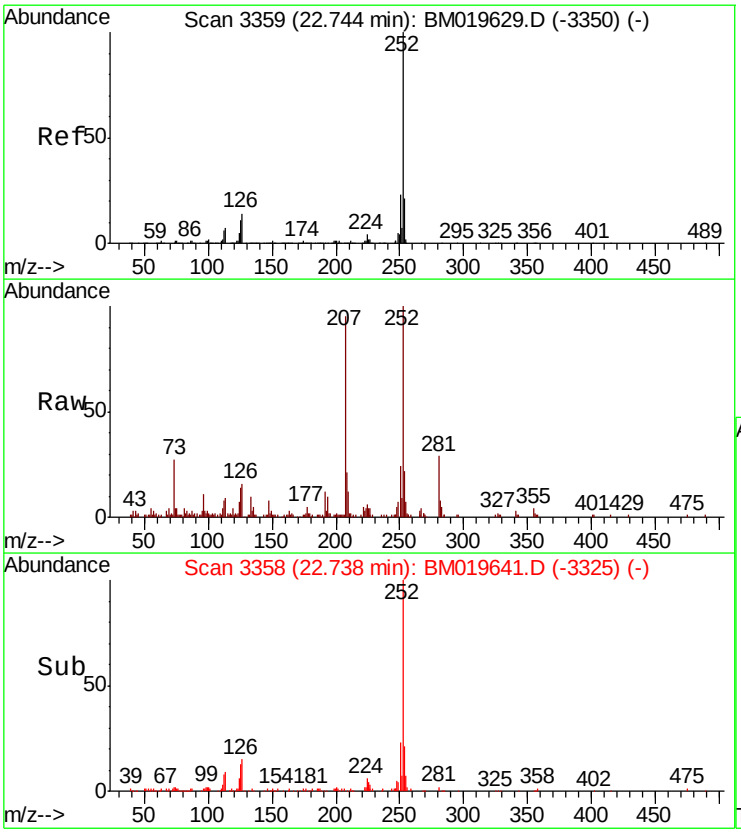
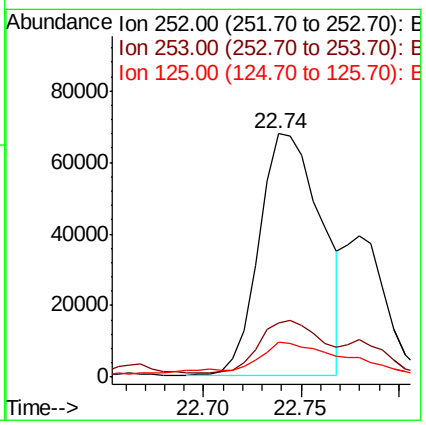


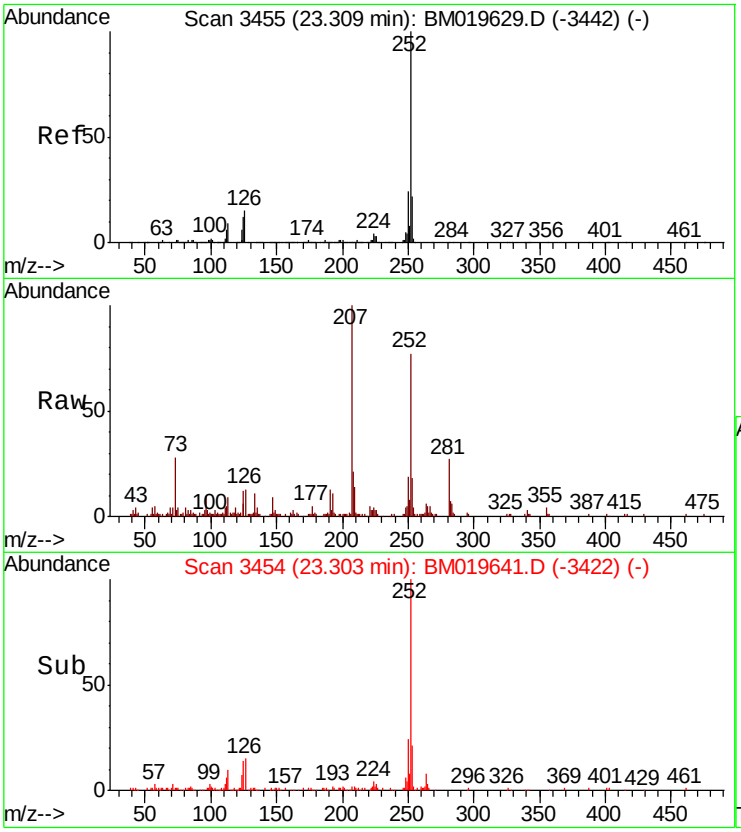


#88
Benzo(b)fluoranthene
Concen: 2.073 ng/ul
RT: 22.74 min Scan# 3358
Delta R.T. -0.01 min
Lab File: BM019641.D
Acq: 31 Mar 2019 04:22

Tgt Ion:252 Resp: 149861

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.4	26.0
125	14.4	4.9	7.3#

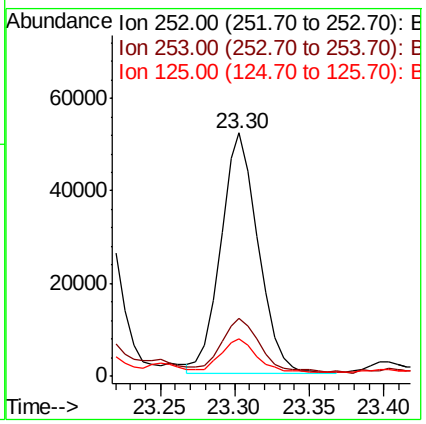




#91
Benzo(a)pyrene
Concen: 1.317 ng/ul
RT: 23.30 min Scan# 3454
Delta R.T. -0.01 min
Lab File: BM019641.D
Acq: 31 Mar 2019 04:22

Tgt Ion:252 Resp: 91067

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.2	25.8
125	15.3	5.8	8.6#



Instrument :
BNA_M
ClientSampleId :
BF5K3

Manual Integrations APPROVED
Sohil
4/1/2019 5:51:01 PM