Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120420\
Data File : BG047613.D
Acq On : 5 Dec 2020 19:57
Operator : CG/JU
Sample : L4864-20
Misc :
ALS Vial : 46 Sample Multiplier: 1

Quant Time: Dec 07 06:26:15 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 07 05:06:33 2020
Response via : Initial Calibration

Instrument : BNA_G
ClientSampleId : C0B63

Manual Integrations APPROVED
mohammad
12/7/2020 2:01:50 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.25	152	40133	20.00	ng/ul	-0.02
18) Naphthalene-d8	11.08	136	148252	20.00	ng/ul	-0.02
36) Acenaphthene-d10	14.86	164	120338	20.00	ng/ul	-0.02
62) Phenanthrene-d10	17.60	188	293363	20.00	ng/ul	-0.02
78) Chrysene-d12	21.88	240	263764	20.00	ng/ul	-0.02
86) Perylene-d12	25.27	264	270456	20.00	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.59	96	862m	0.78	ng/uL	-0.02
5) Phenol-d5	7.38	99	29357	7.29	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	7.56	67	17749	7.73	ng/ul	-0.03
9) 2-Chlorophenol-d4	7.78	132	24928	9.23	ng/ul	-0.02
13) 4-Methylphenol-d8	8.94	113	17042	5.51	ng/ul	-0.02
19) Nitrobenzene-d5	9.42	128	13963	11.40	ng/ul	-0.02
22) 2-Nitrophenol-d4	10.14	143	14695	11.00	ng/ul	-0.03
26) 2,4-Dichlorophenol-d3	10.68	165	29839	9.75	ng/ul	-0.02
29) 4-Chloroaniline-d4	11.20	131	11297	3.65	ng/ul	-0.02
44) Dimethylphthalate-d6	14.26	166	100860	9.76	ng/ul	-0.02
47) Acenaphthylene-d8	14.56	160	122067	10.22	ng/ul	-0.02
52) 4-Nitrophenol-d4	15.03	143	10043	6.37	ng/ul	0.00
58) Fluorene-d10	15.84	176	98763	10.44	ng/ul	-0.03
63) 4,6-Dinitro-2-methylphenol	15.95	200	13969	8.37	ng/ul	-0.02
71) Anthracene-d10	17.70	188	152154	10.46	ng/ul	-0.02
79) Pyrene-d10	19.96	212	178169	11.61	ng/ul	-0.02
90) Benzo(a)pyrene-d12	25.03	264	172576	11.09	ng/ul	-0.03
Target Compounds						Qvalue
45) Dimethylphthalate	14.30	163	16911	1.605	ng/ul#	96
77) Fluoranthene	19.63	202	46626	2.330	ng/ul#	97
80) Pyrene	19.99	202	37972	2.032	ng/ul#	90
83) Benzo(a)anthracene	21.85	228	20756	1.106	ng/ul	98
85) Chrysene	21.92	228	23378m	1.309	ng/ul	
88) Benzo(b)fluoranthene	24.18	252	34466m	1.805	ng/ul	
91) Benzo(a)pyrene	25.10	252	19923m	1.170	ng/ul	

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

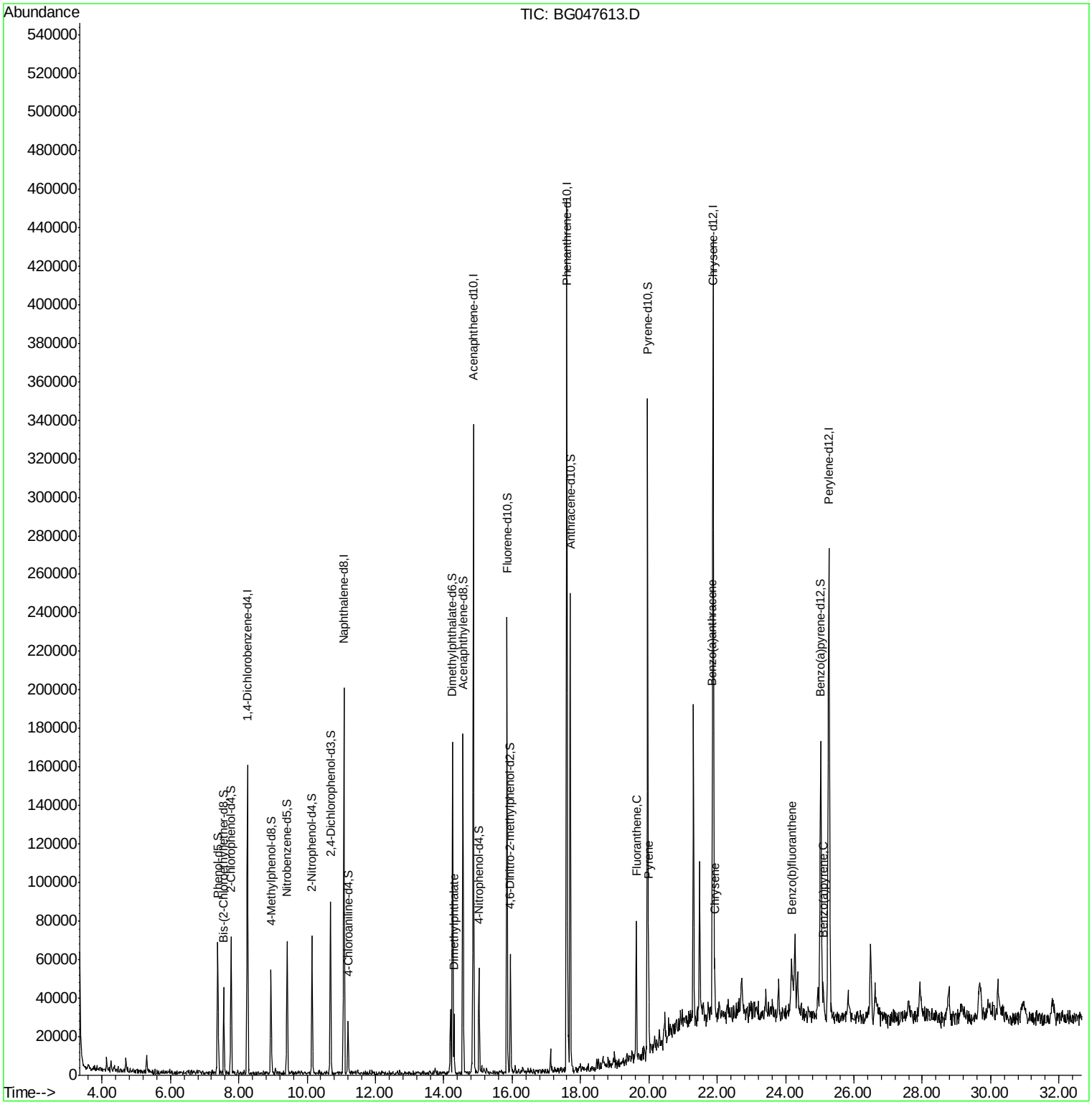
Quantitation Report (LSC Reviewed)

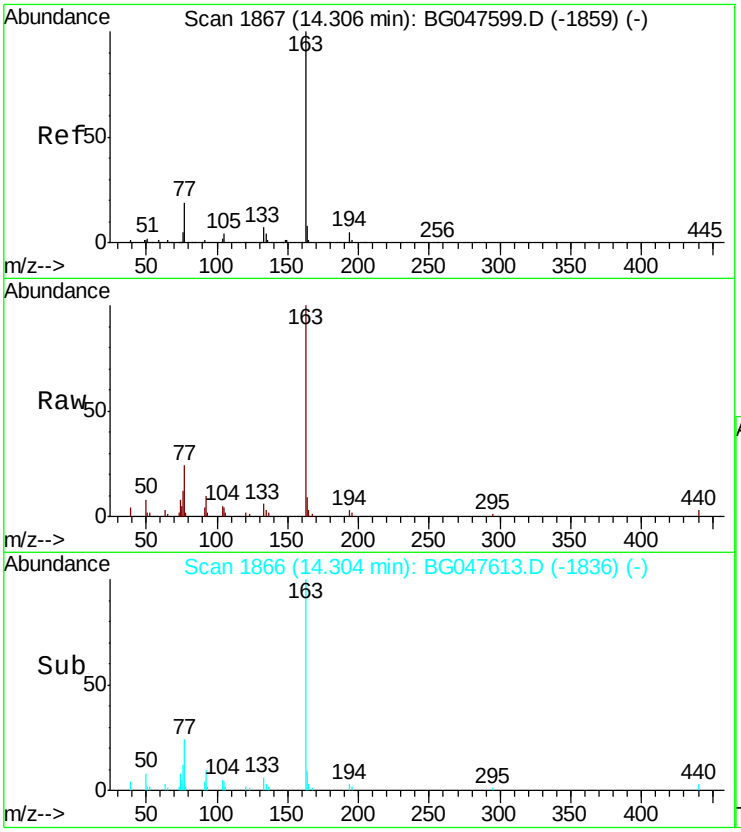
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120420\
Data File : BG047613.D
Acq On : 5 Dec 2020 19:57
Operator : CG/JU
Sample : L4864-20
Misc :
ALS Vial : 46 Sample Multiplier: 1

Quant Time: Dec 07 06:26:15 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 07 05:06:33 2020
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C0B63

Manual Integrations APPROVED
mohammad
12/7/2020 2:01:50 PM

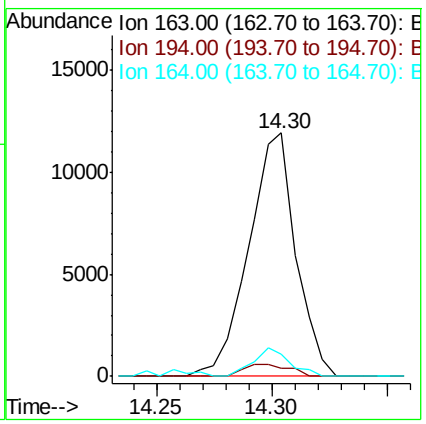




#45
Dimethylphthalate
Concen: 1.605 ng/ul
RT: 14.30 min Scan# 1866
Delta R.T. -0.02 min
Lab File: BG047613.D
Acq: 5 Dec 2020 19:57

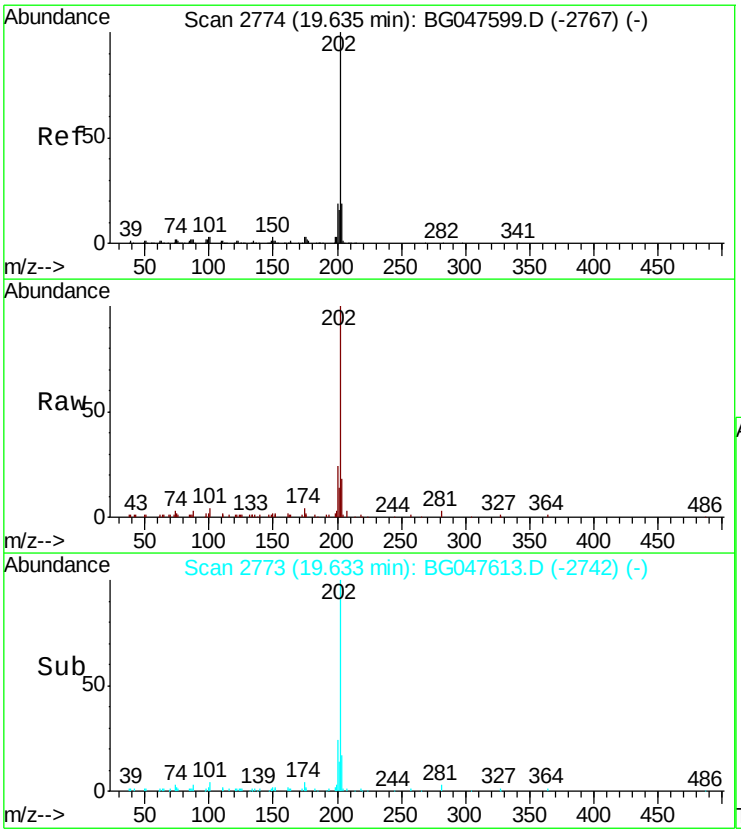
Tgt Ion:163 Resp: 16911

Ion	Ratio	Lower	Upper
163	100		
194	3.4	3.4	5.2#
164	9.2	8.8	13.2



Instrument :
BNA_G
ClientSampleId :
C0B63

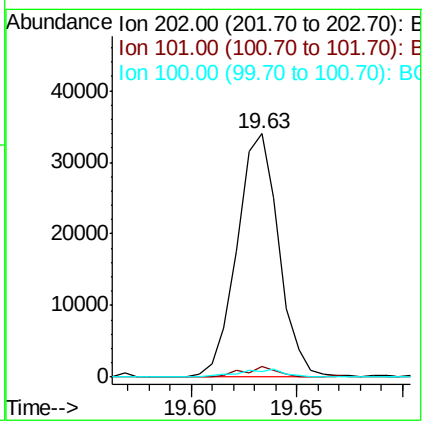
Manual Integrations APPROVED
mohammad
12/7/2020 2:01:50 PM

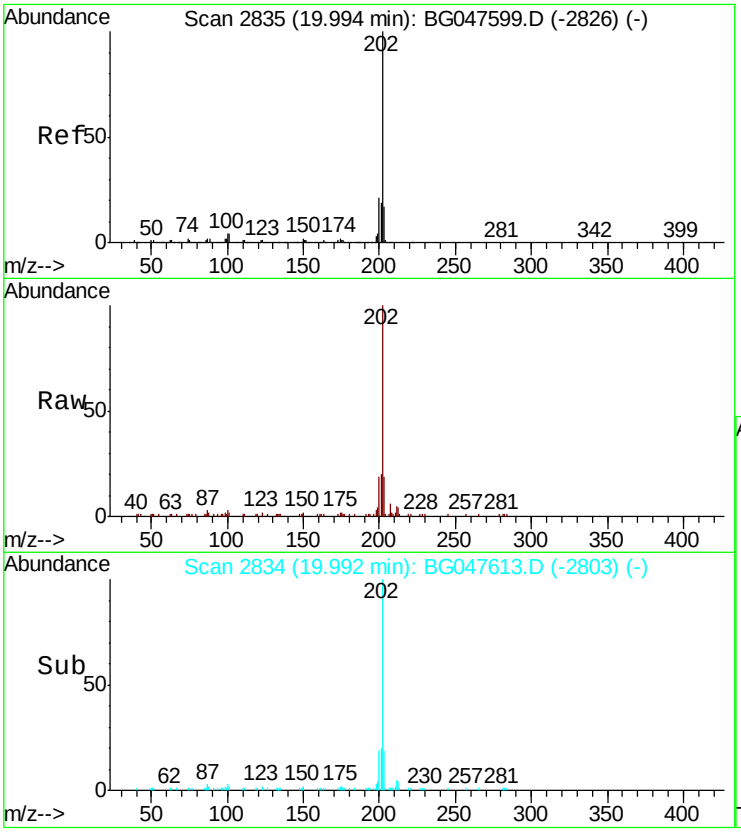


#77
Fluoranthene
Concen: 2.330 ng/ul
RT: 19.63 min Scan# 2773
Delta R.T. -0.02 min
Lab File: BG047613.D
Acq: 5 Dec 2020 19:57

Tgt Ion:202 Resp: 46626

Ion	Ratio	Lower	Upper
202	100		
101	4.2	3.3	4.9
100	2.0	3.4	5.0#

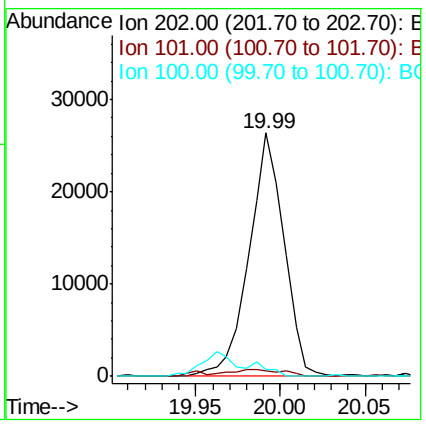




#80
Pyrene
Concen: 2.032 ng/ul
RT: 19.99 min Scan# 2834
Delta R.T. -0.02 min
Lab File: BG047613.D
Acq: 5 Dec 2020 19:57

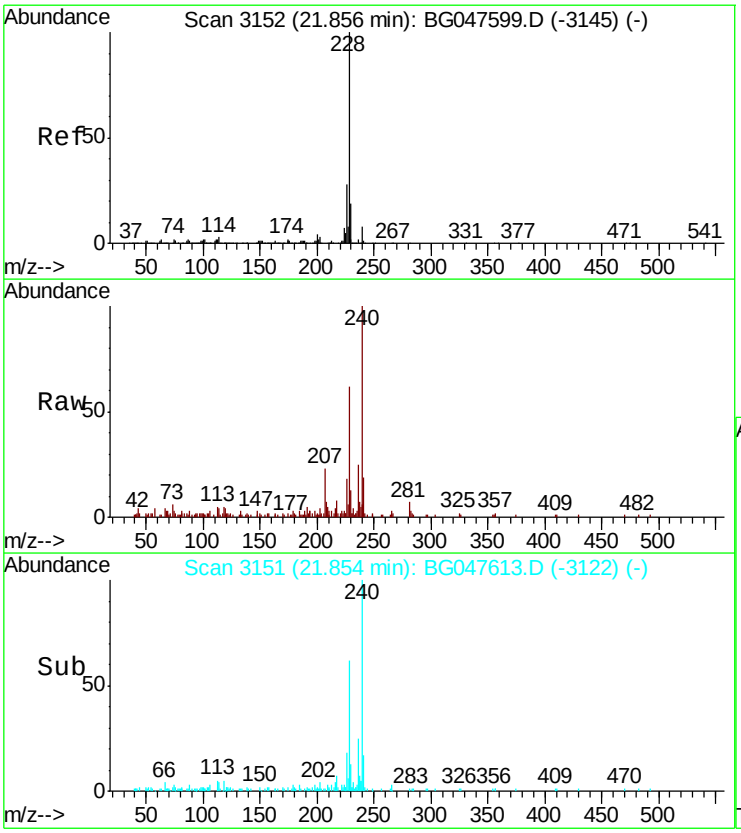
Tgt Ion:202 Resp: 37972

Ion	Ratio	Lower	Upper
202	100		
101	2.2	5.0	7.4#
100	2.7	4.6	7.0#



Instrument :
BNA_G
ClientSampleId :
C0B63

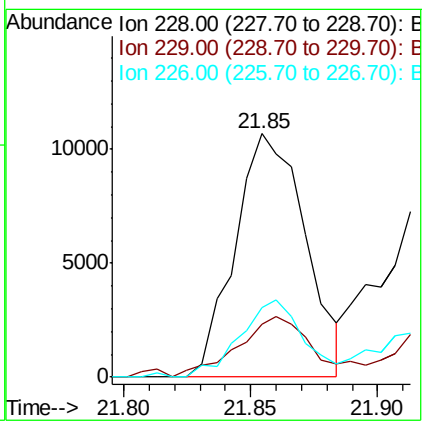
Manual Integrations APPROVED
mohammad
12/7/2020 2:01:50 PM

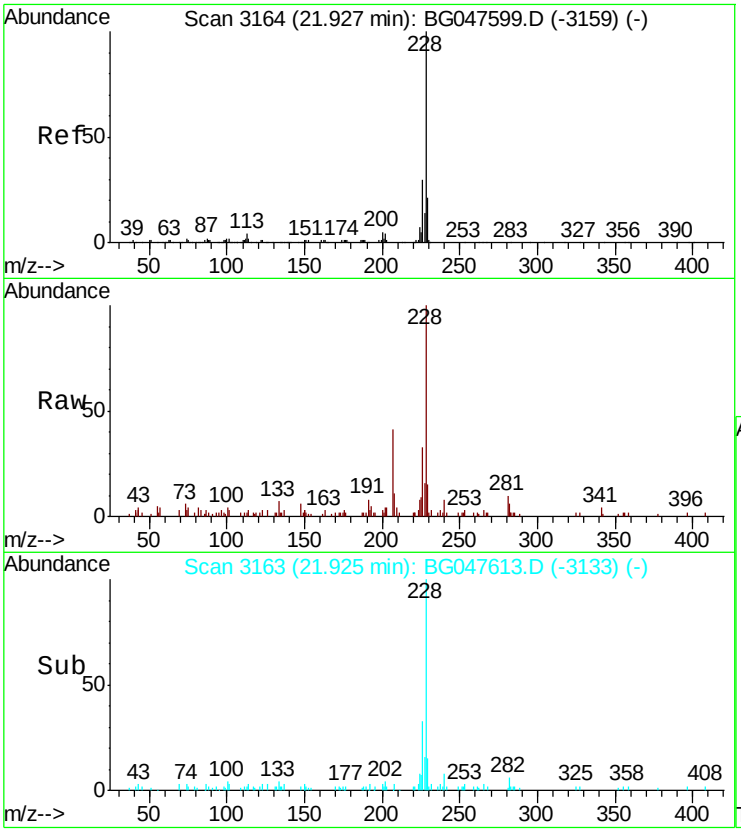


#83
Benzo(a)anthracene
Concen: 1.106 ng/ul
RT: 21.85 min Scan# 3151
Delta R.T. -0.03 min
Lab File: BG047613.D
Acq: 5 Dec 2020 19:57

Tgt Ion:228 Resp: 20756

Ion	Ratio	Lower	Upper
228	100		
229	21.6	16.2	24.2
226	28.8	23.3	34.9

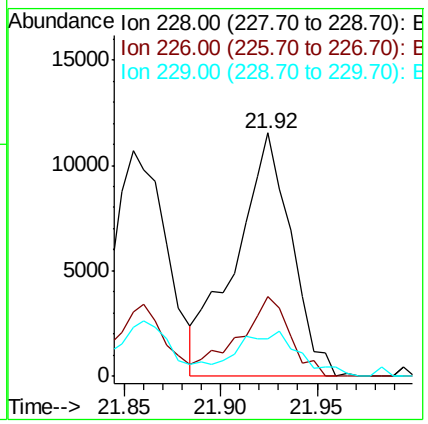




#85
Chrysene
Concen: 1.309 ng/ul m
RT: 21.92 min Scan# 3163
Delta R.T. -0.02 min
Lab File: BG047613.D
Acq: 5 Dec 2020 19:57

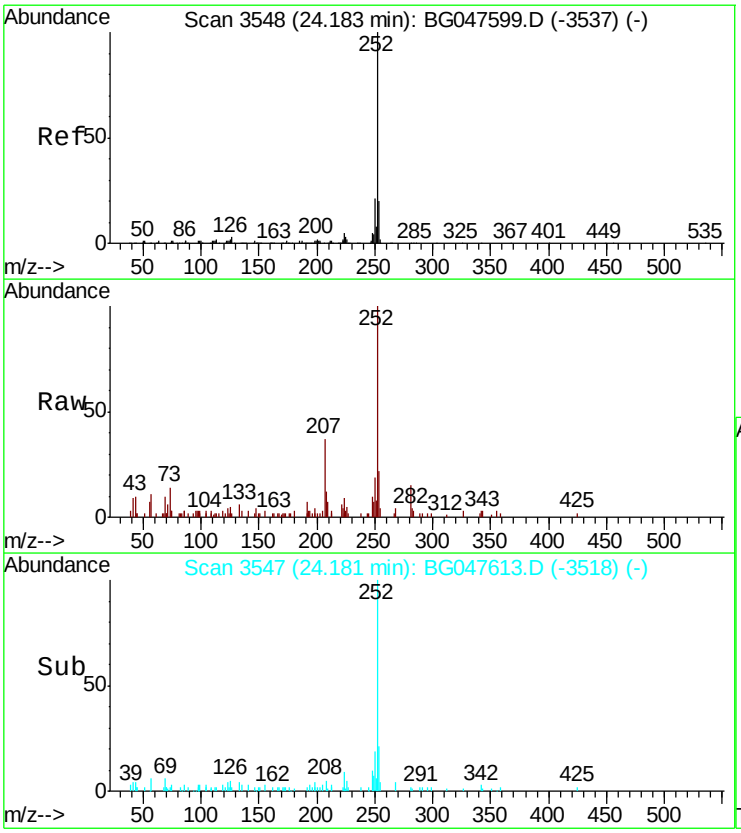
Tgt Ion:228 Resp: 23378

Ion	Ratio	Lower	Upper
228	100		
226	32.9	23.8	35.6
229	15.4	16.3	24.5#



Instrument :
BNA_G
ClientSampleId :
C0B63

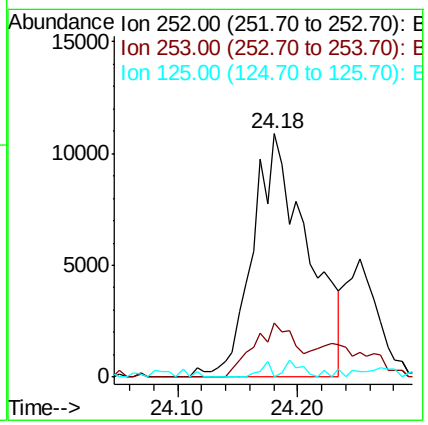
Manual Integrations APPROVED
mohammad
12/7/2020 2:01:50 PM

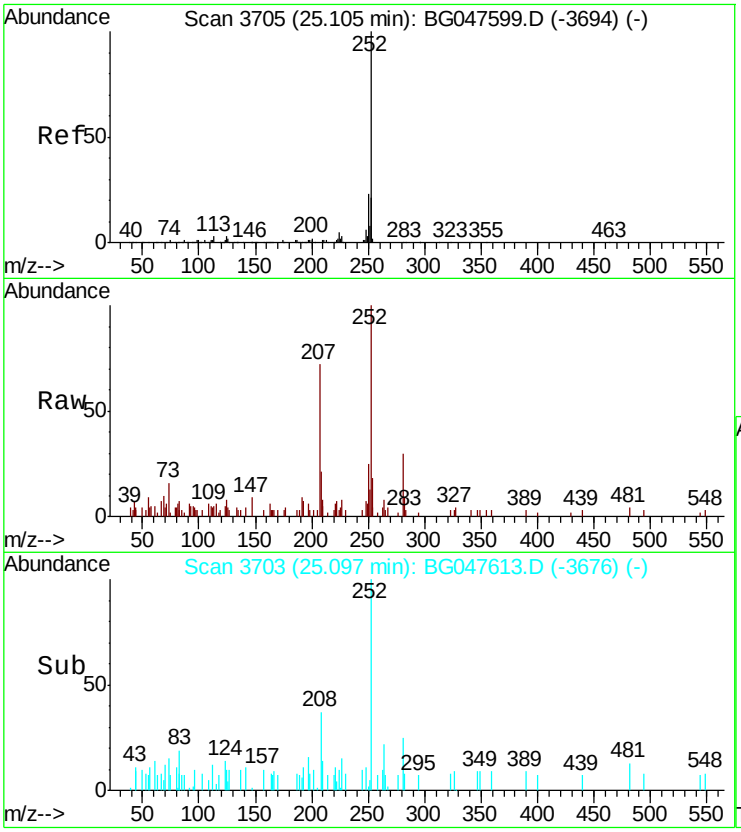


#88
Benzo(b)fluoranthene
Concen: 1.805 ng/ul m
RT: 24.18 min Scan# 3547
Delta R.T. -0.03 min
Lab File: BG047613.D
Acq: 5 Dec 2020 19:57

Tgt Ion:252 Resp: 34466

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.4	27.6
125	5.1	2.5	3.7#

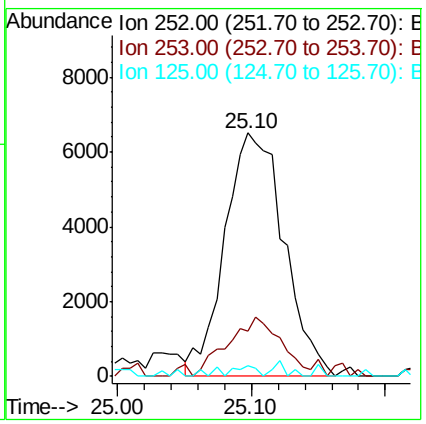




#91
Benzo(a)pyrene
Concen: 1.170 ng/ul m
RT: 25.10 min Scan# 3703
Delta R.T. -0.04 min
Lab File: BG047613.D
Acq: 5 Dec 2020 19:57

Tgt Ion:252 Resp: 19923

Ion	Ratio	Lower	Upper
252	100		
253	18.5	17.5	26.3
125	4.5	3.1	4.7



Instrument :
BNA_G
ClientSampleId :
C0B63

Manual Integrations APPROVED
mohammad
12/7/2020 2:01:50 PM