Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011922\
Data File : BG052079.D
Acq On : 19 Jan 2022 18:34
Operator : CG/JU
Sample : N1129-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jan 20 00:02:12 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010622.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 06 14:43:02 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
DBM02

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/20/2022
Supervised By :Yogesh Patel 01/23/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.249	152	27514	20.000	ng/ul	0.00
20) Naphthalene-d8	11.086	136	113672	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.887	164	82096	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.636	188	188064	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.959	240	171891	20.000	ng/ul	# 0.00
88) Perylene-d12	25.449	264	173292	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.567	96	1860	2.416	ng/uL	-0.01
4) Pyridine-d5	4.013	84	4756m	1.987	ng/ul	0.00
7) Phenol-d5	7.385	99	45046	16.728	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.550	67	26098	15.267	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.773	132	31731	17.797	ng/ul	0.00
15) 4-Methylphenol-d8	8.948	113	33710	16.103	ng/ul	0.00
21) Nitrobenzene-d5	9.412	128	16942	18.862	ng/ul	-0.01
24) 2-Nitrophenol-d4	10.146	143	19223	19.351	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.698	165	38463	19.809	ng/ul	0.00
31) 4-Chloroaniline-d4	11.209	131	17071	6.313	ng/ul	0.00
46) Dimethylphthalate-d6	14.276	166	121267	17.871	ng/ul	0.00
49) Acenaphthylene-d8	14.581	160	159786	19.493	ng/ul	0.00
54) 4-Nitrophenol-d4	15.069	143	16666	14.690	ng/ul	0.00
60) Fluorene-d10	15.879	176	111773	18.892	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.985	200	16409	13.831	ng/ul	0.00
73) Anthracene-d10	17.736	188	173861	19.488	ng/ul	0.00
81) Pyrene-d10	20.015	212	203997	20.621	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.208	264	177538	19.461	ng/ul	0.01
Target Compounds						Qvalue
80) Fluoranthene	19.680	202	51306	4.488	ng/ul#	93
82) Pyrene	20.044	202	53362	4.741	ng/ul#	88
85) Benzo(a)anthracene	21.936	228	33063	2.925	ng/ul	96
87) Chrysene	22.006	228	39319m	3.612	ng/ul	
90) Benzo(b)fluoranthene	24.333	252	65317m	5.687	ng/ul	
91) Benzo(k)fluoranthene	24.391	252	20390	1.920	ng/ul	98
93) Benzo(a)pyrene	25.278	252	30745	2.829	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	29.455	276	26271m	2.112	ng/ul	
96) Benzo(g,h,i)perylene	30.730	276	20154m	1.927	ng/ul	

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

Quantitation Report (LSC Reviewed)

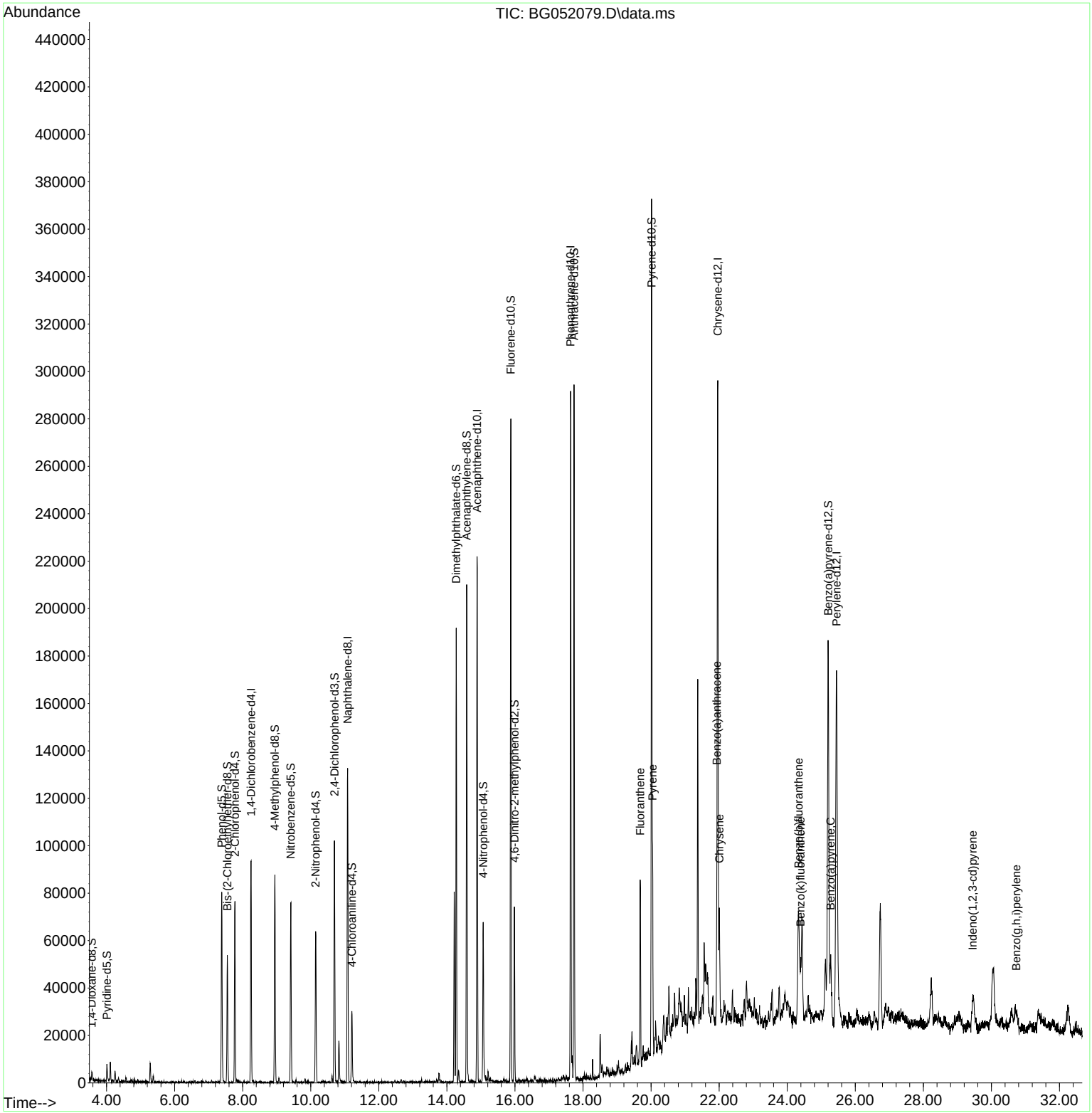
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011922\
Data File : BG052079.D
Acq On : 19 Jan 2022 18:34
Operator : CG/JU
Sample : N1129-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

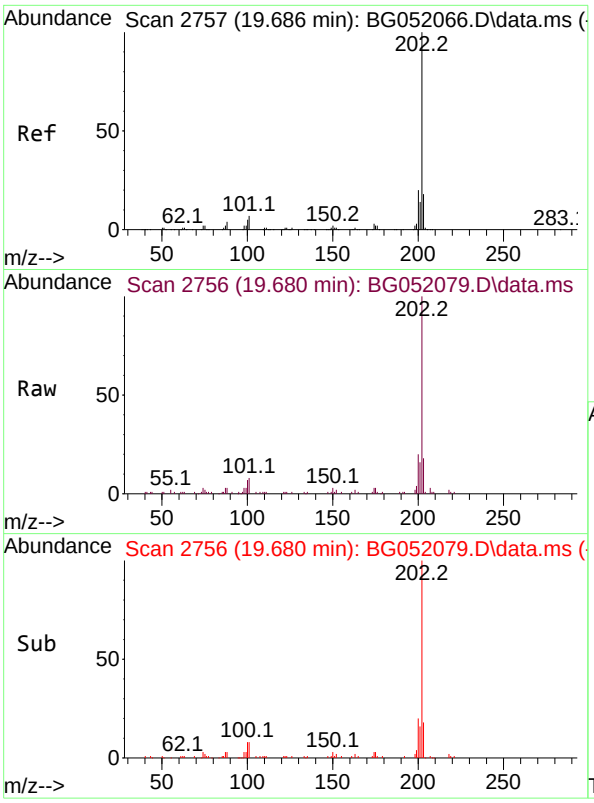
Quant Time: Jan 20 00:02:12 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010622.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 06 14:43:02 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
DBM02

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/20/2022
Supervised By :Yogesh Patel 01/23/2022

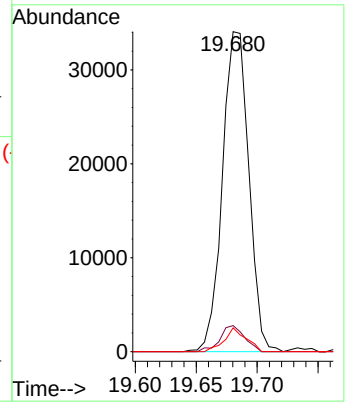




#80
Fluoranthene
Concen: 4.488 ng/ul
RT: 19.680 min Scan# 2
Delta R.T. 0.002 min
Lab File: BG052079.D
Acq: 19 Jan 2022 18:34

Tgt Ion:202 Resp: 5130

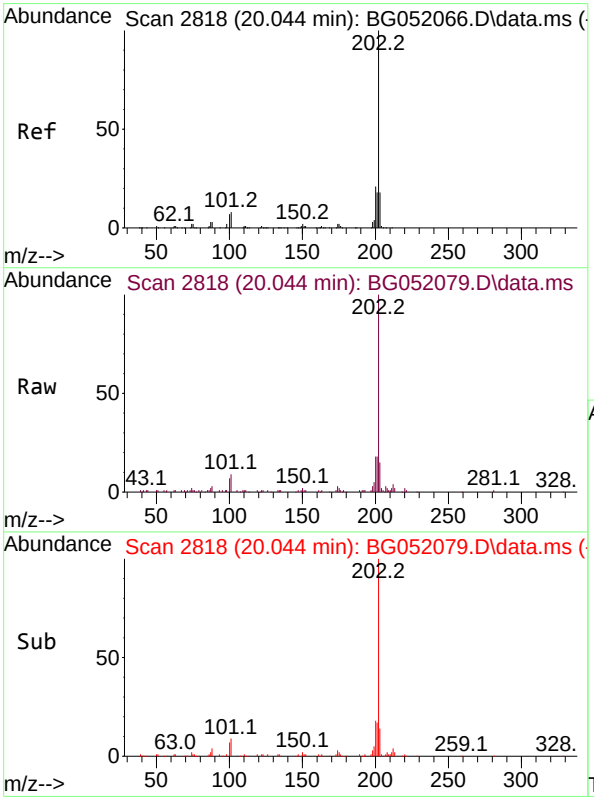
Ion	Ratio	Lower	Upper
202	100		
101	8.2	9.3	13.9#
100	7.5	7.0	10.6



Instrument :
BNA_G
ClientSampleId :
DBM02

Manual Integrations
APPROVED

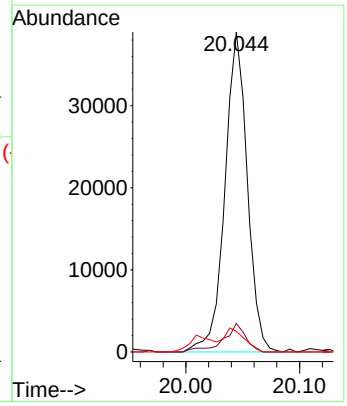
Reviewed By :Jagrut Upadhyay 01/20/2022
Supervised By :Yogesh Patel 01/23/2022

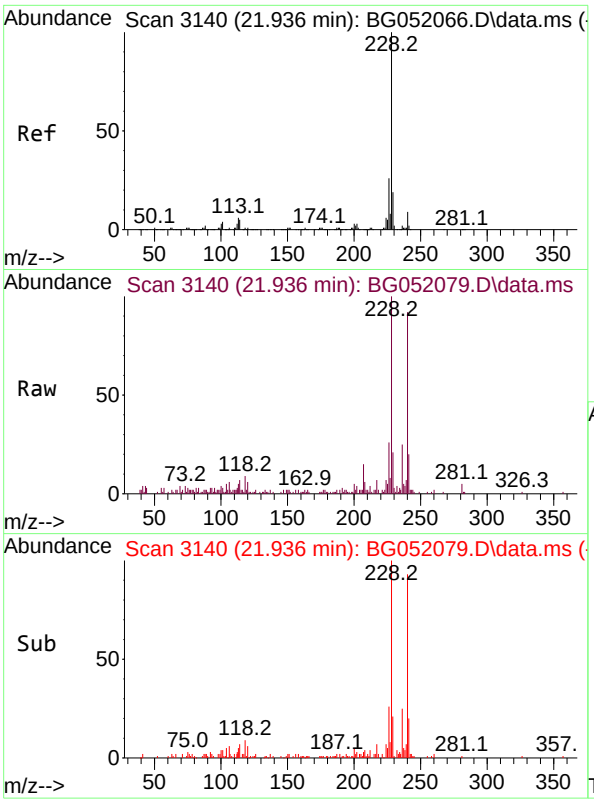


#82
Pyrene
Concen: 4.741 ng/ul
RT: 20.044 min Scan# 2818
Delta R.T. 0.002 min
Lab File: BG052079.D
Acq: 19 Jan 2022 18:34

Tgt Ion:202 Resp: 53362

Ion	Ratio	Lower	Upper
202	100		
101	8.9	10.7	16.1#
100	6.5	9.0	13.6#

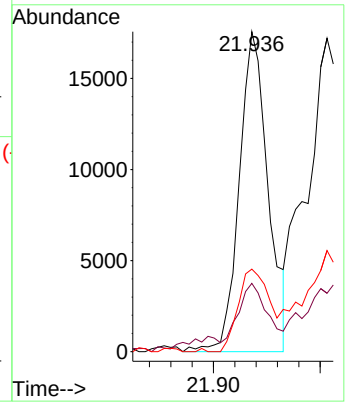




#85
Benzo(a)anthracene
Concen: 2.925 ng/ul
RT: 21.936 min Scan# 3
Delta R.T. 0.002 min
Lab File: BG052079.D
Acq: 19 Jan 2022 18:34

Tgt Ion:228 Resp: 3306

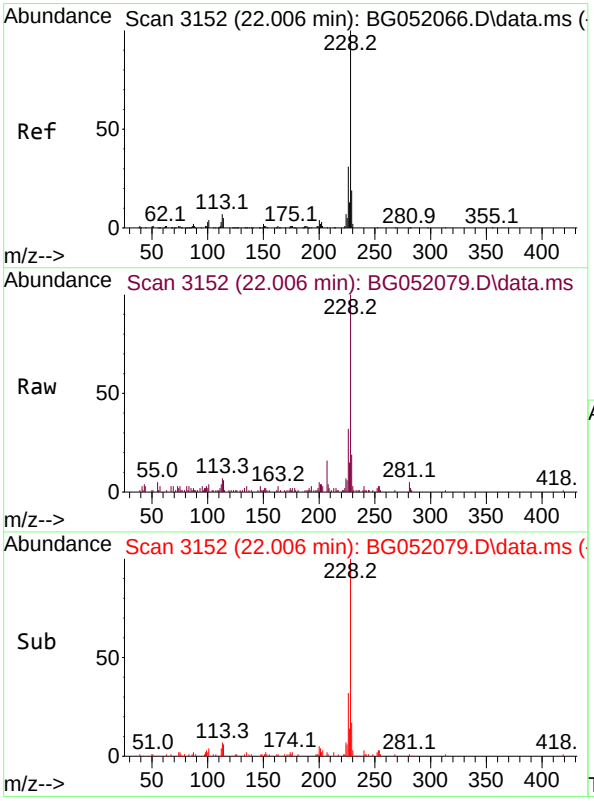
Ion	Ratio	Lower	Upper
228	100		
229	21.4	15.7	23.5
226	25.8	22.3	33.5



Instrument :
BNA_G
ClientSampleId :
DBM02

Manual Integrations
APPROVED

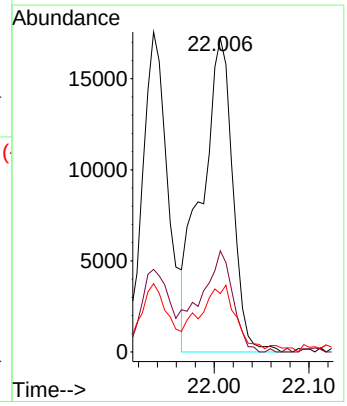
Reviewed By :Jagrut Upadhyay 01/20/2022
Supervised By :Yogesh Patel 01/23/2022

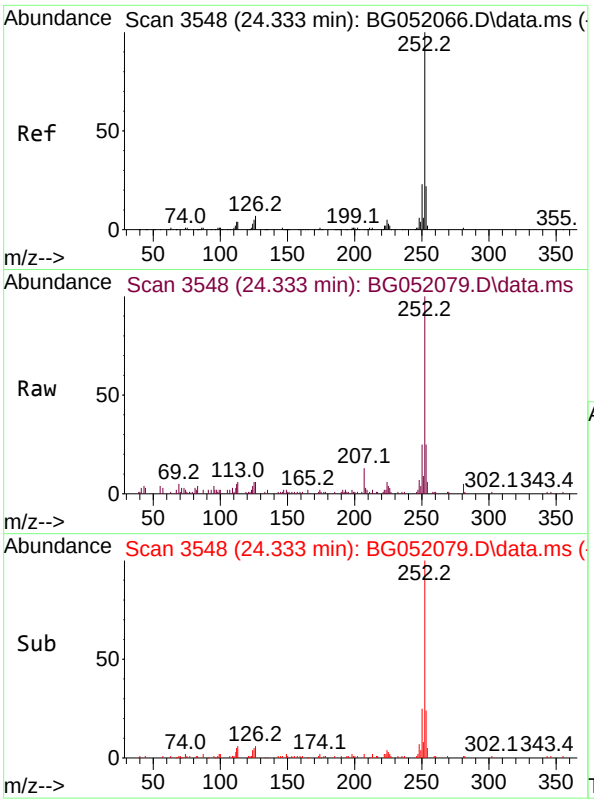


#87
Chrysene
Concen: 3.612 ng/ul m
RT: 22.006 min Scan# 3152
Delta R.T. 0.002 min
Lab File: BG052079.D
Acq: 19 Jan 2022 18:34

Tgt Ion:228 Resp: 39319

Ion	Ratio	Lower	Upper
228	100		
226	32.2	24.8	37.2
229	18.7	15.8	23.6

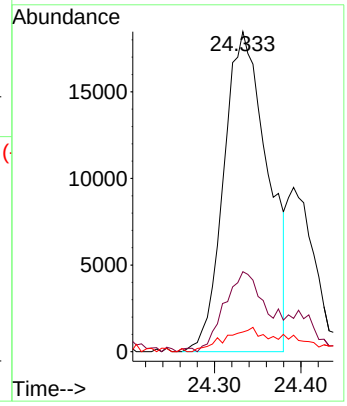




#90
Benzo(b)fluoranthene
Concen: 5.687 ng/ul m
RT: 24.333 min Scan# 3
Delta R.T. 0.008 min
Lab File: BG052079.D
Acq: 19 Jan 2022 18:34

Tgt Ion:252 Resp: 6531

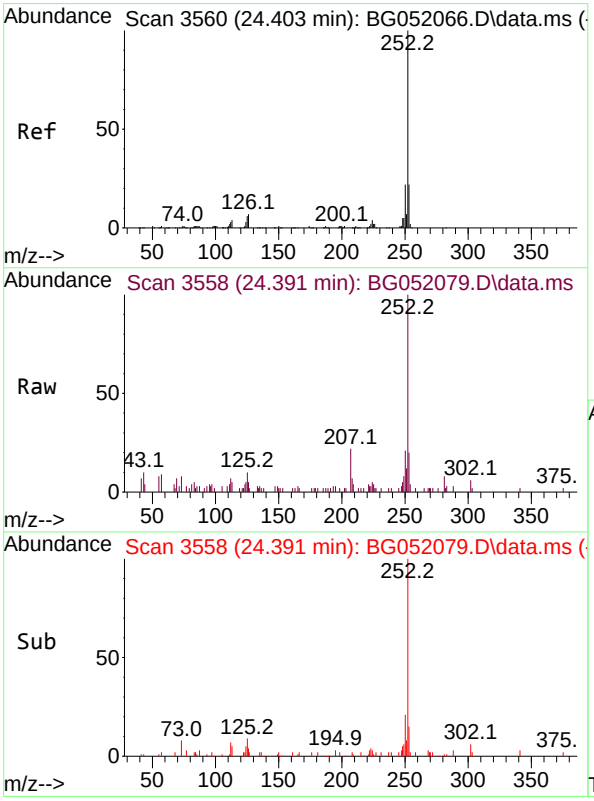
Ion	Ratio	Lower	Upper
252	100		
253	25.0	17.8	26.6
125	6.1	8.5	12.7



Instrument :
BNA_G
ClientSampleId :
DBM02

Manual Integrations
APPROVED

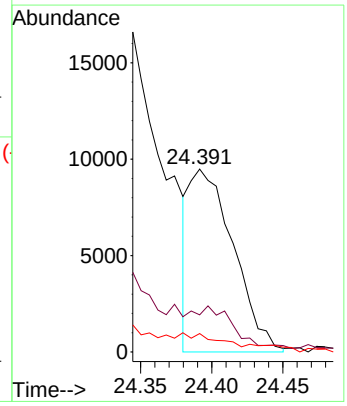
Reviewed By :Jagrut Upadhyay 01/20/2022
Supervised By :Yogesh Patel 01/23/2022

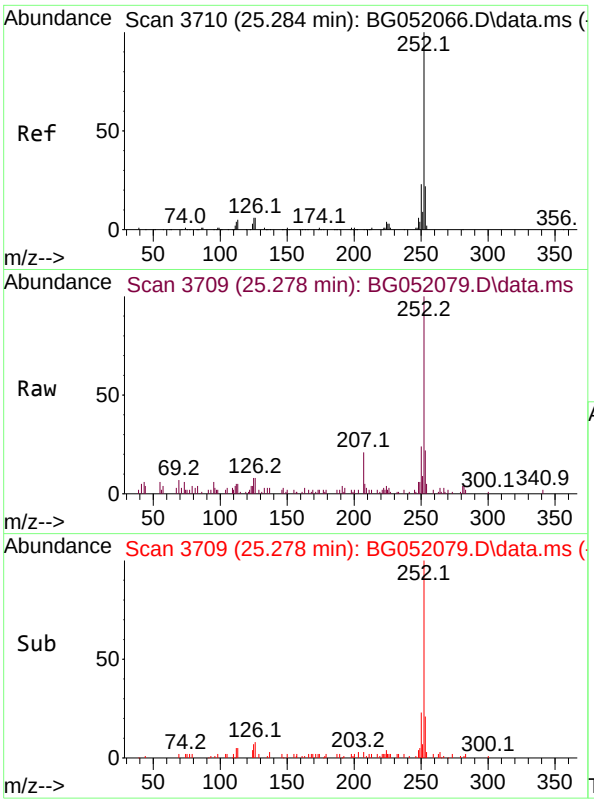


#91
Benzo(k)fluoranthene
Concen: 1.920 ng/ul
RT: 24.391 min Scan# 3558
Delta R.T. -0.004 min
Lab File: BG052079.D
Acq: 19 Jan 2022 18:34

Tgt Ion:252 Resp: 20390

Ion	Ratio	Lower	Upper
252	100		
253	20.3	17.3	25.9
125	10.1	7.8	11.6

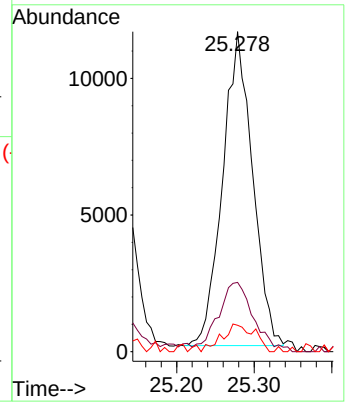




#93
Benzo(a)pyrene
Concen: 2.829 ng/ul
RT: 25.278 min Scan# 3
Delta R.T. 0.008 min
Lab File: BG052079.D
Acq: 19 Jan 2022 18:34

Tgt Ion:252 Resp: 3074

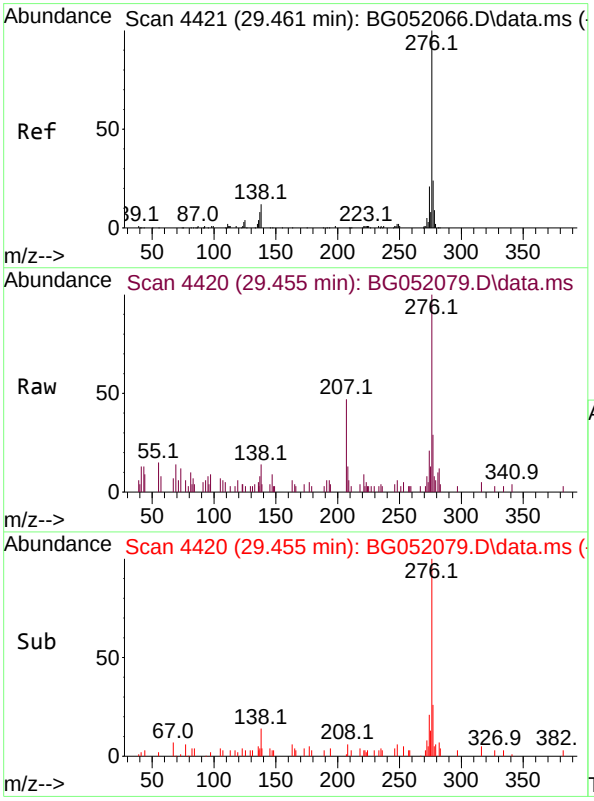
Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.4	26.2
125	8.3	9.1	13.7#



Instrument :
BNA_G
ClientSampleId :
DBM02

Manual Integrations
APPROVED

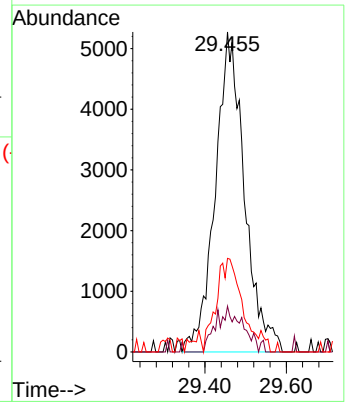
Reviewed By :Jagrut Upadhyay 01/20/2022
Supervised By :Yogesh Patel 01/23/2022

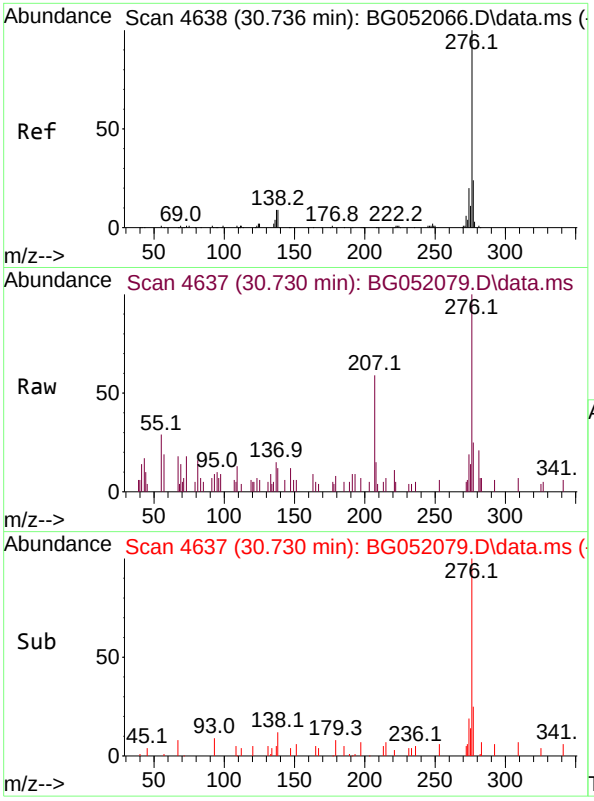


#94
Indeno(1,2,3-cd)pyrene
Concen: 2.112 ng/ul m
RT: 29.455 min Scan# 4420
Delta R.T. 0.008 min
Lab File: BG052079.D
Acq: 19 Jan 2022 18:34

Tgt Ion:276 Resp: 26271

Ion	Ratio	Lower	Upper
276	100		
138	14.3	15.5	23.3#
277	29.2	20.5	30.7

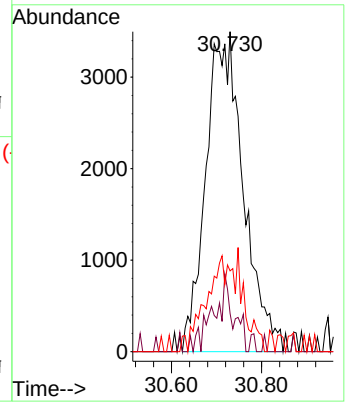




#96
Benzo(g,h,i)perylene
Concen: 1.927 ng/ul m
RT: 30.730 min Scan# 4
Delta R.T. 0.031 min
Lab File: BG052079.D
Acq: 19 Jan 2022 18:34

Tgt Ion:276 Resp: 2015

Ion	Ratio	Lower	Upper
276	100		
138	11.9	16.6	24.8#
277	25.3	17.6	26.4



Instrument :
BNA_G
ClientSampleId :
DBM02

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 01/20/2022
Supervised By :Yogesh Patel 01/23/2022