

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052924\
 Data File : BG061338.D
 Acq On : 29 May 2024 21:28
 Operator : MA/JU
 Sample : P2571-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BH663

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/30/2024
 Supervised By :mohammad ahmed 06/01/2024

Quant Time: May 30 00:22:42 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 21 15:23:39 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.882	152	23392	20.000	ng/ul	0.00
20) Naphthalene-d8	10.672	136	98514	20.000	ng/ul	#-0.01
38) Acenaphthene-d10	14.515	164	76516	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.265	188	181760	20.000	ng/ul	0.00
79) Chrysene-d12	21.513	240	183948	20.000	ng/ul	0.00
88) Perylene-d12	24.597	264	212559	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	1996	4.775	ng/uL	0.00
4) Pyridine-d5	3.745	84	27675	18.611	ng/ul	0.00
7) Phenol-d5	7.065	99	52583	27.373	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.212	67	32808	27.172	ng/ul	0.00
11) 2-Chlorophenol-d4	7.417	132	42160	29.655	ng/ul	0.00
15) 4-Methylphenol-d8	8.592	113	44785	27.341	ng/ul	-0.01
21) Nitrobenzene-d5	9.039	128	21667	28.566	ng/ul	0.00
24) 2-Nitrophenol-d4	9.762	143	25533	28.763	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.308	165	49597	28.659	ng/ul	0.00
31) 4-Chloroaniline-d4	10.807	131	60612	26.771	ng/ul	-0.01
46) Dimethylphthalate-d6	13.921	166	166439	28.046	ng/ul	0.00
49) Acenaphthylene-d8	14.209	160	182456	29.573	ng/ul	0.00
54) 4-Nitrophenol-d4	14.744	143	20179m	27.504	ng/ul	0.00
60) Fluorene-d10	15.508	176	150384	29.352	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.643	200	21514	19.570	ng/ul	0.00
73) Anthracene-d10	17.365	188	223084	27.839	ng/ul	0.00
81) Pyrene-d10	19.656	212	299553	31.716	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.386	264	327213	32.020	ng/ul	0.00
Target Compounds						
80) Fluoranthene	19.321	202	17203	1.518	ng/ul#	96
82) Pyrene	19.679	202	16668	1.417	ng/ul#	96
90) Benzo(b)fluoranthene	23.628	252	14311m	1.131	ng/ul	

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

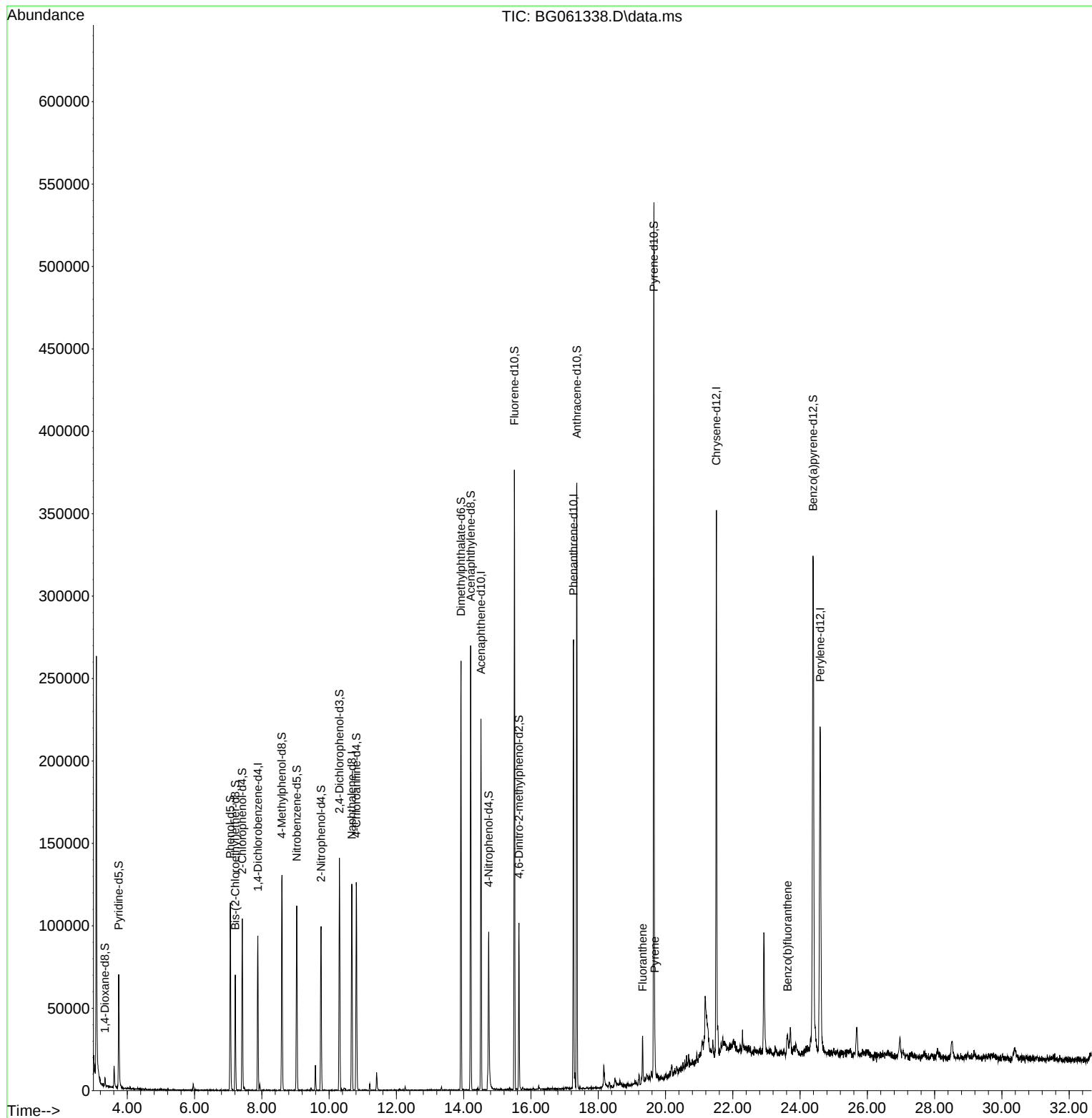
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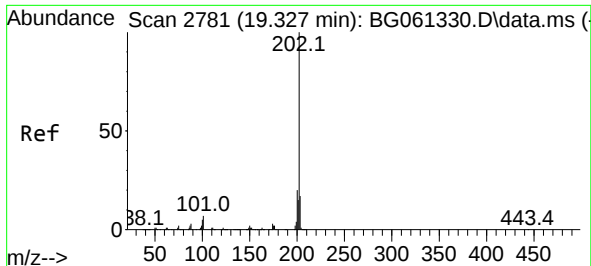
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Quant Title : SVOA CALIBRATION
QLast Update : Tue May 21 15:23:39 2024
Response via : Initial Calibration





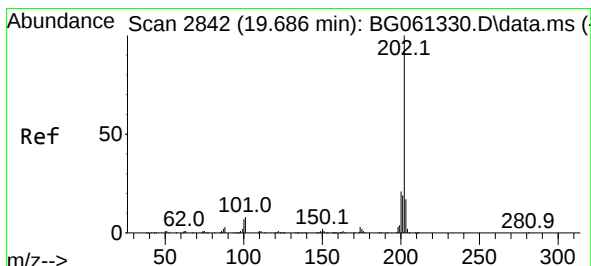
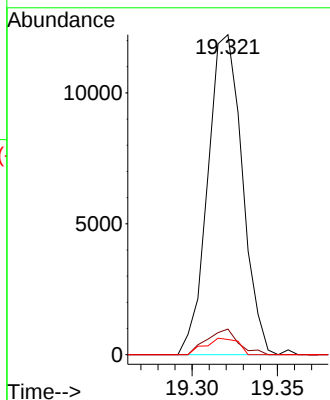
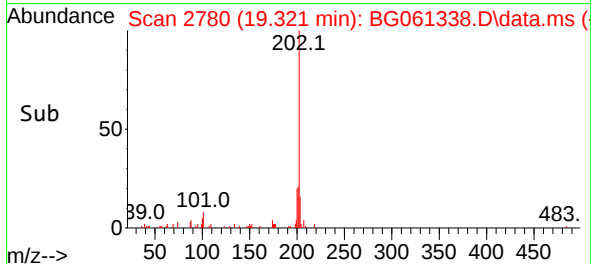
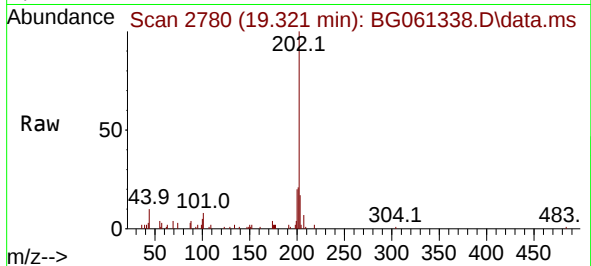
#80
Fluoranthene
Concen: 1.518 ng/ul
RT: 19.321 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG061338.D
Acq: 29 May 2024 21:28

Instrument :
BNA_G
ClientSampleId :
BH663

Tgt Ion:202 Resp: 1720
Ion Ratio Lower Upper
202 100
101 8.0 4.8 7.2
100 4.7 4.1 6.1

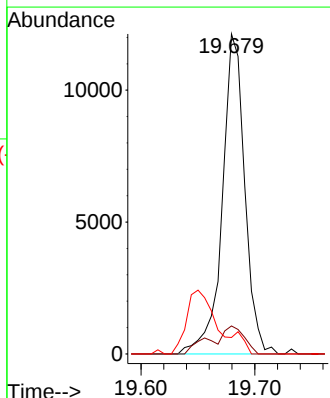
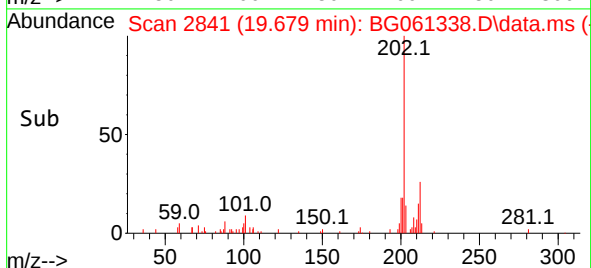
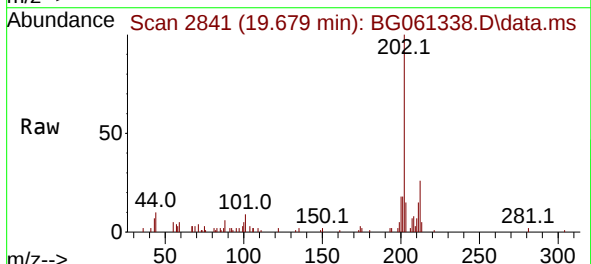
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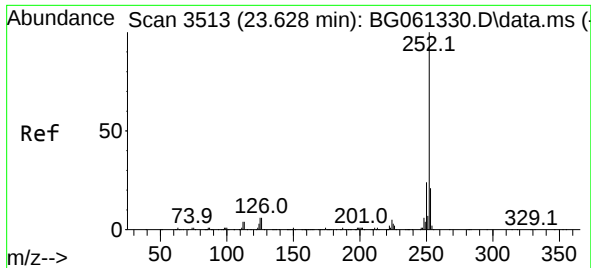
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 06/01/2024



#82
Pyrene
Concen: 1.417 ng/ul
RT: 19.679 min Scan# 2841
Delta R.T. -0.007 min
Lab File: BG061338.D
Acq: 29 May 2024 21:28

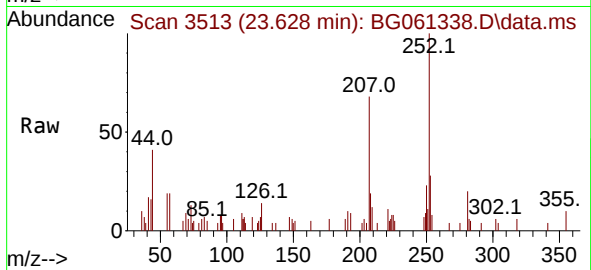
Tgt Ion:202 Resp: 16668
Ion Ratio Lower Upper
202 100
101 8.8 5.7 8.5#
100 5.1 5.1 7.7





#90
Benzo(b)fluoranthene
Concen: 1.131 ng/ul m
RT: 23.628 min Scan# 30
Delta R.T. -0.001 min
Lab File: BG061338.D
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Tgt Ion:252 Resp: 1431
Ion Ratio Lower Upper
252 100
253 28.1 17.8 26.8
125 7.2 4.6 6.8

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