

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052924\
 Data File : BG061339.D
 Acq On : 29 May 2024 22:09
 Operator : MA/JU
 Sample : P2571-12
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BH666

Manual Integrations
 APPROVED

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

Quant Time: May 30 00:25:01 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	7.881	152	23470	20.000	ng/u1	0.00
20) Naphthalene-d8	10.672	136	105898	20.000	ng/u1	#-0.01
38) Acenaphthene-d10	14.515	164	81302	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.264	188	179481	20.000	ng/u1	0.00
79) Chrysene-d12	21.512	240	190418	20.000	ng/u1	0.00
88) Perylene-d12	24.597	264	218905	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	1779	4.242	ng/uL	0.00
4) Pyridine-d5	3.745	84	16444	11.021	ng/u1	0.00
7) Phenol-d5	7.065	99	46626	24.192	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.211	67	28047	23.152	ng/u1	0.00
11) 2-Chlorophenol-d4	7.423	132	36197	25.376	ng/u1	0.00
15) 4-Methylphenol-d8	8.598	113	37912	23.069	ng/u1	0.00
21) Nitrobenzene-d5	9.039	128	18396	22.562	ng/u1	0.00
24) 2-Nitrophenol-d4	9.756	143	22014	23.070	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.308	165	43398	23.329	ng/u1	0.00
31) 4-Chloroaniline-d4	10.813	131	49070	20.162	ng/u1	0.00
46) Dimethylphthalate-d6	13.921	166	143622	22.777	ng/u1	0.00
49) Acenaphthylene-d8	14.209	160	157959	24.095	ng/u1	0.00
54) 4-Nitrophenol-d4	14.750	143	15556	19.954	ng/u1	0.00
60) Fluorene-d10	15.508	176	124068	22.790	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.643	200	16574	15.268	ng/u1	0.00
73) Anthracene-d10	17.364	188	182856	23.109	ng/u1	0.00
81) Pyrene-d10	19.656	212	250223	25.593	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.385	264	271148	25.765	ng/u1	0.00
Target Compounds						
80) Fluoranthene	19.321	202	19553	1.667	ng/u1	Qvalue 100
82) Pyrene	19.679	202	19206	1.578	ng/u1#	92
87) Chrysene	21.554	228	12715m	1.051	ng/u1	
90) Benzo(b)fluoranthene	23.616	252	18517	1.421	ng/u1#	96

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

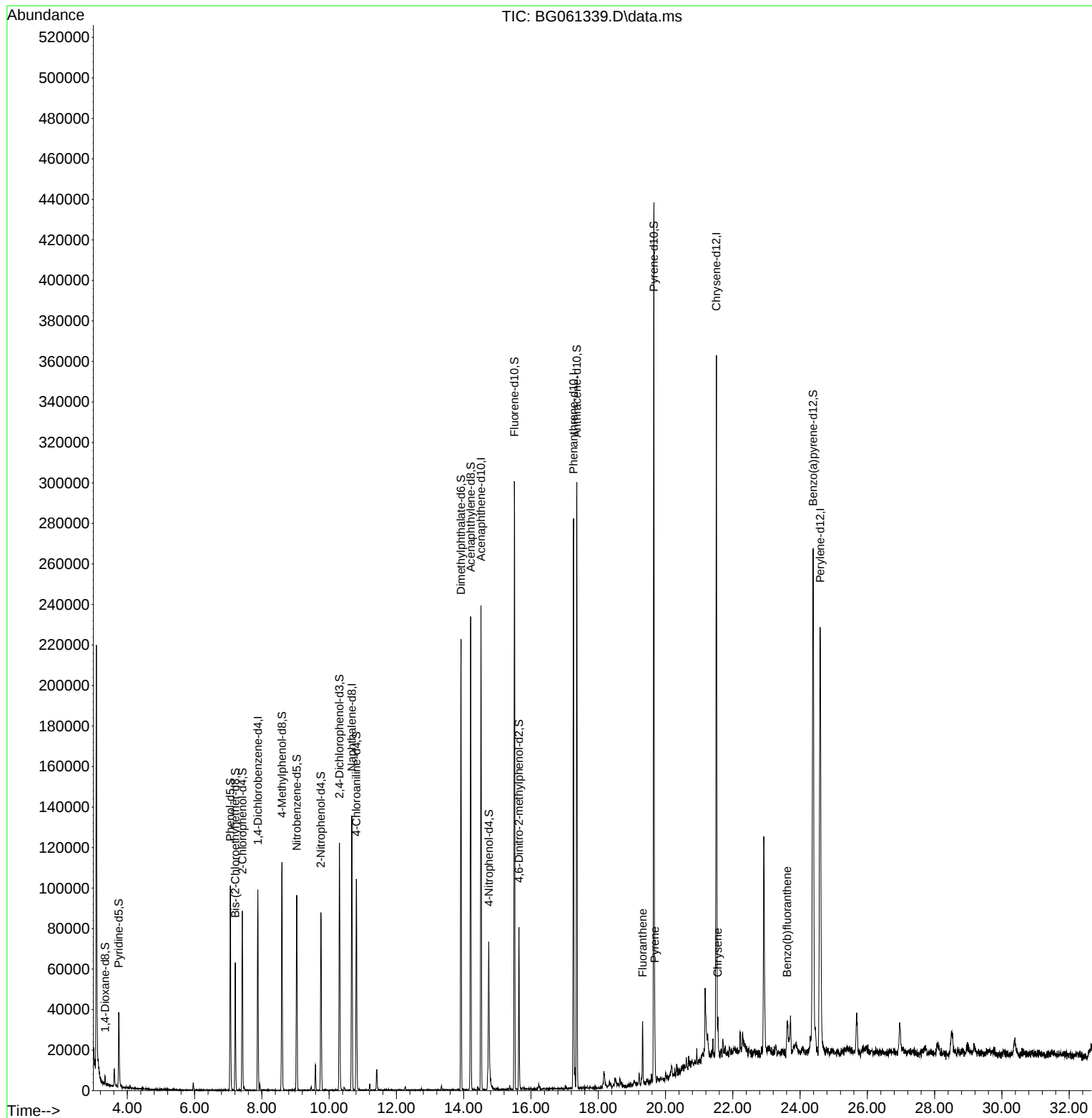
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052924\
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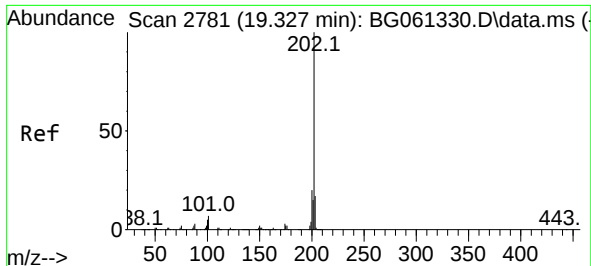
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Quant Time: May 30 00:25:01 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 21 15:23:39 2024
Response via : Initial Calibration

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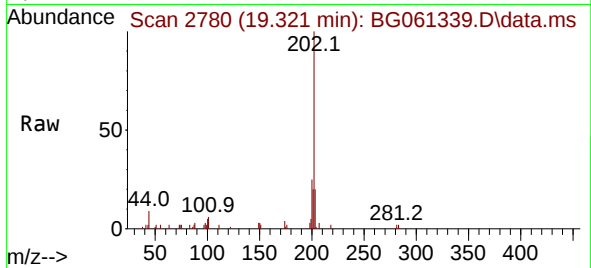
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 06/01/2024





#80
Fluoranthene
Concen: 1.667 ng/ul
RT: 19.321 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG061339.D
Acq: 29 May 2024 22:09

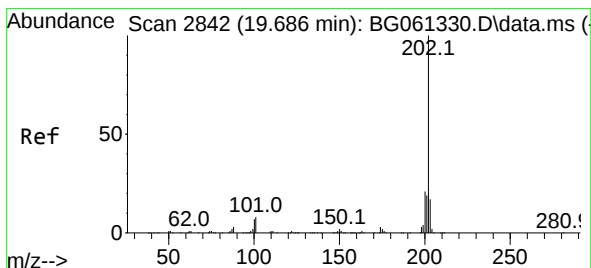
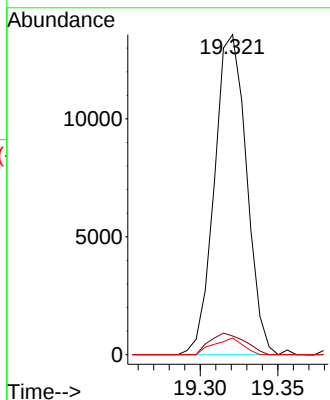
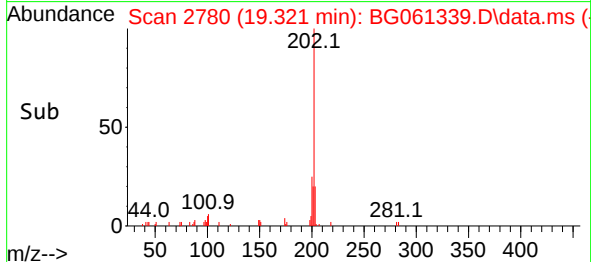
Instrument :
BNA_G
ClientSampleId :
BH666



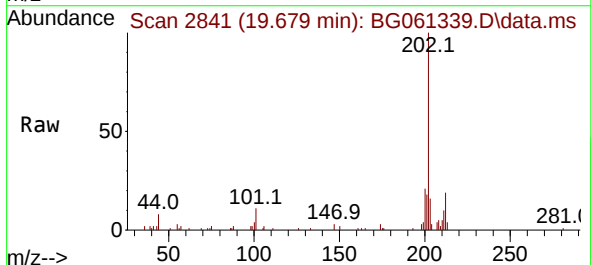
Tgt Ion:202 Resp: 1955
Ion Ratio Lower Upper
202 100
101 5.9 4.8 7.2
100 5.2 4.1 6.1

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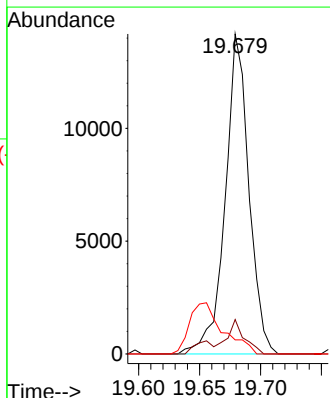
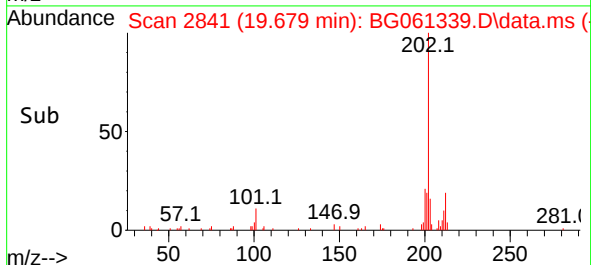
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 06/01/2024

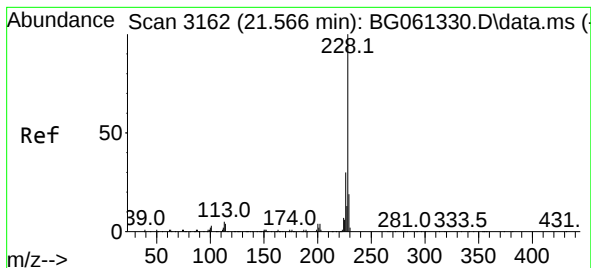


#82
Pyrene
Concen: 1.578 ng/ul
RT: 19.679 min Scan# 2841
Delta R.T. -0.007 min
Lab File: BG061339.D
Acq: 29 May 2024 22:09



Tgt Ion:202 Resp: 19206
Ion Ratio Lower Upper
202 100
101 10.7 5.7 8.5#
100 4.4 5.1 7.7#





#87

Chrysene

Concen: 1.051 ng/ul m

RT: 21.554 min Scan# 3160

Delta R.T. -0.013 min

Lab File: BG061339.D

Acq: 29 May 2024 22:09

Instrument :

BNA_G

ClientSampleId :

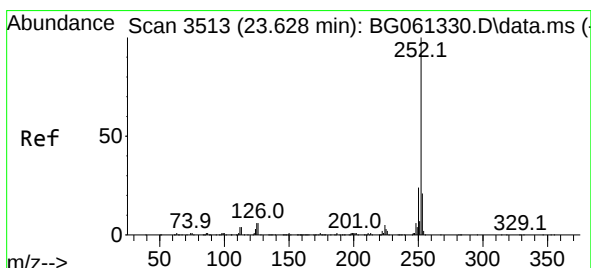
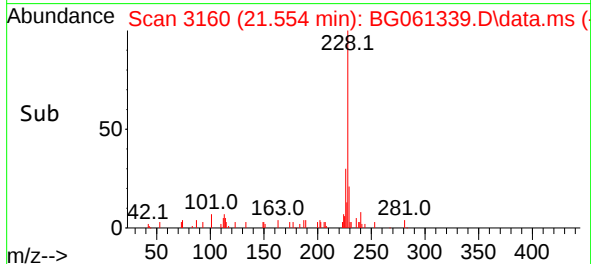
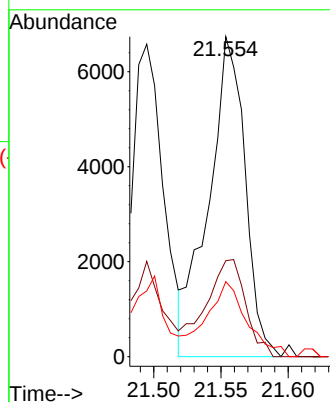
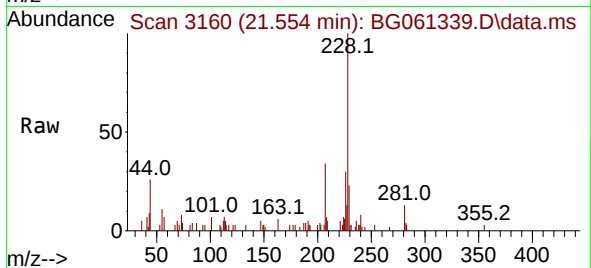
BH666

Tgt Ion:228	Resp:	12715
Ion Ratio	Lower	Upper
228	100	
226	30.0	23.4 35.0
229	23.4	15.4 23.2

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#90

Benzo(b)fluoranthene

Concen: 1.421 ng/ul

RT: 23.616 min Scan# 3511

Delta R.T. -0.013 min

Lab File: BG061339.D

Acq: 29 May 2024 22:09

Tgt Ion:252	Resp:	18517
Ion Ratio	Lower	Upper
252	100	
253	21.6	17.8 26.8
125	9.7	4.6 6.8

