

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
 Data File : BG061561.D
 Acq On : 8 Jun 2024 10:42
 Operator : MA/JU
 Sample : P2647-21
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BHBT5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/10/2024
 Supervised By :mohammad ahmed 06/10/2024

Quant Time: Jun 09 23:34:57 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 06 12:15:45 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.872	152	24852	20.000	ng/ul	0.00
20) Naphthalene-d8	10.663	136	93667	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.511	164	71179	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.261	188	163041	20.000	ng/ul	0.00
79) Chrysene-d12	21.521	240	178052	20.000	ng/ul	0.00
88) Perylene-d12	24.617	264	206430	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.336	96	1837	4.137	ng/uL	-0.02
4) Pyridine-d5	3.736	84	25935	16.416	ng/ul	-0.03
7) Phenol-d5	7.061	99	47304	23.178	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.202	67	28312	22.071	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.414	132	38852	25.723	ng/ul	0.00
15) 4-Methylphenol-d8	8.595	113	41027	23.576	ng/ul	0.00
21) Nitrobenzene-d5	9.029	128	20076	27.838	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.752	143	24161	28.626	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.304	165	46825	28.458	ng/ul	0.00
31) 4-Chloroaniline-d4	10.804	131	50003	23.228	ng/ul	0.00
46) Dimethylphthalate-d6	13.912	166	140549	25.459	ng/ul	0.00
49) Acenaphthylene-d8	14.200	160	155832	27.152	ng/ul	0.00
54) 4-Nitrophenol-d4	14.764	143	13978m	20.480	ng/ul	0.00
60) Fluorene-d10	15.504	176	125391	26.309	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.651	200	17908	18.160	ng/ul	0.00
73) Anthracene-d10	17.361	188	193254	26.886	ng/ul	0.00
81) Pyrene-d10	19.658	212	250356	27.385	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.411	264	277039	27.915	ng/ul	0.01
Target Compounds						
80) Fluoranthene	19.323	202	16848	1.536	ng/ul#	98
82) Pyrene	19.687	202	17586	1.545	ng/ul#	93
87) Chrysene	21.556	228	11793	1.042	ng/ul	100
90) Benzo(b)fluoranthene	23.642	252	17690	1.439	ng/ul#	91
93) Benzo(a)pyrene	24.470	252	12299m	1.054	ng/ul	

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

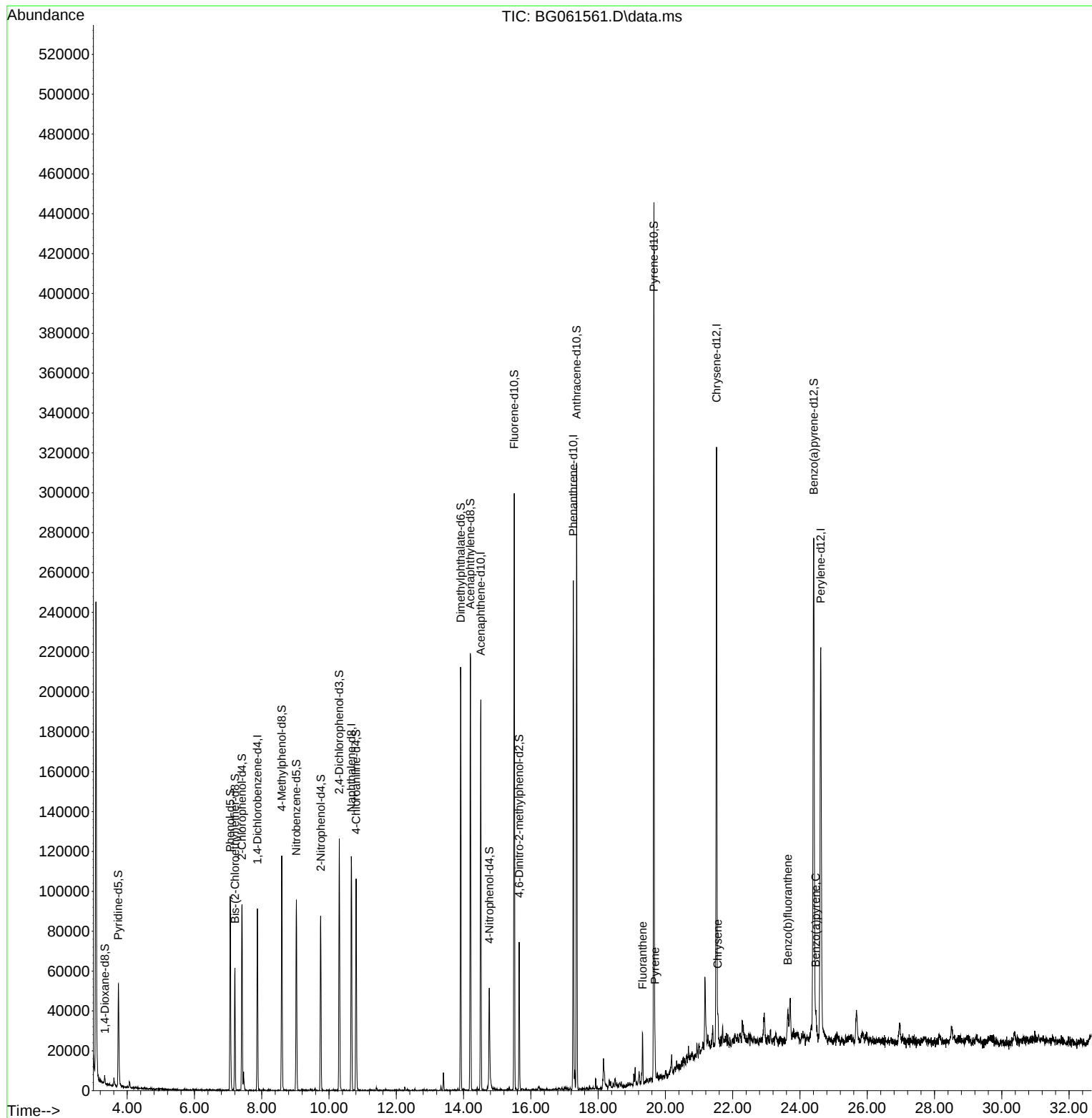
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061561.D
Acq On : 8 Jun 2024 10:42
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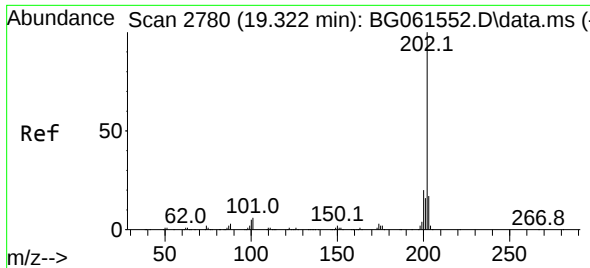
Instrument :
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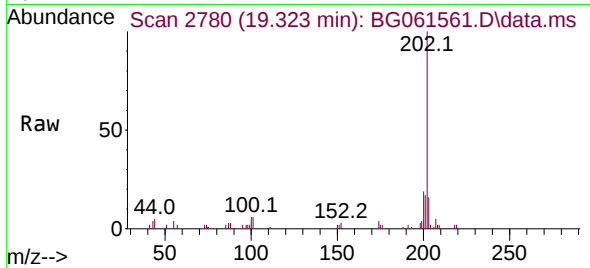
Quant Time: Jun 09 23:34:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 06 12:15:45 2024
Response via : Initial Calibration





#80
Fluoranthene
Concen: 1.536 ng/uI
RT: 19.323 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG061561.D
Acq: 8 Jun 2024 10:42

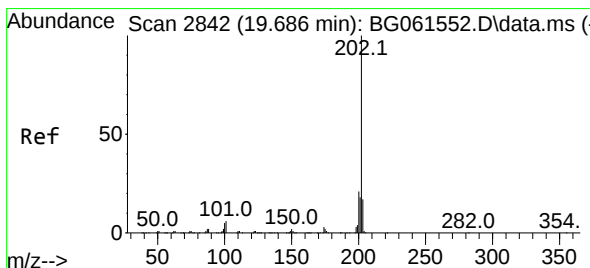
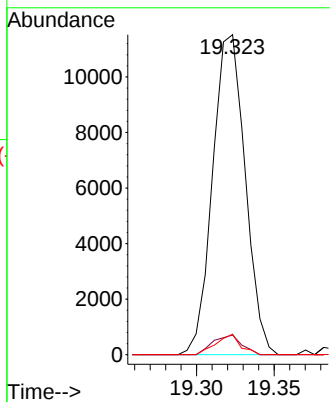
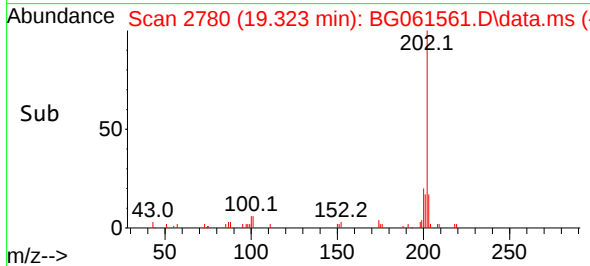
Instrument :
BNA_G
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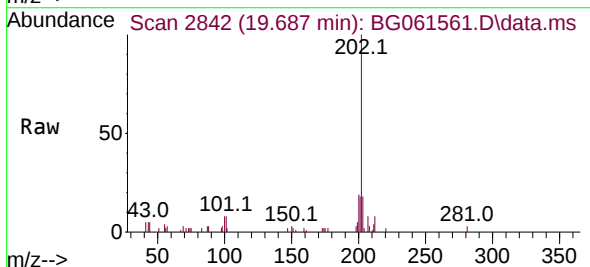
Tgt Ion:202 Resp: 1684
Ion Ratio Lower Upper
202 100
101 6.1 4.8 7.2
100 6.4 4.1 6.1

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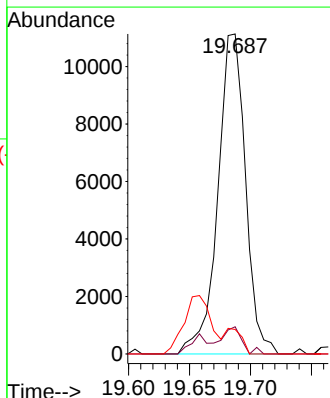
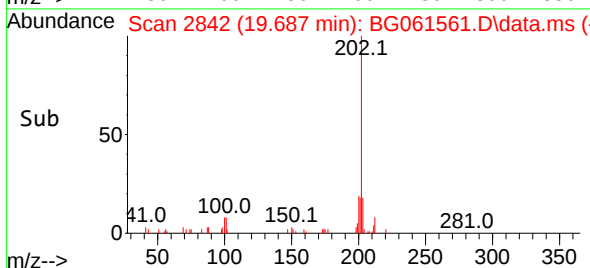
Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/10/2024

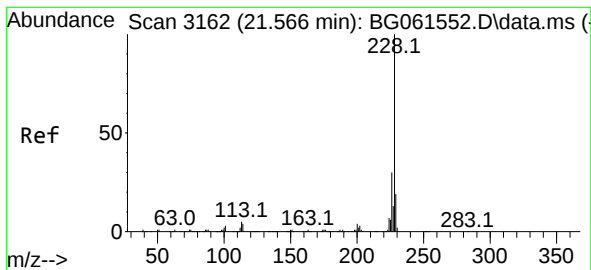


#82
Pyrene
Concen: 1.545 ng/uI
RT: 19.687 min Scan# 2842
Delta R.T. 0.002 min
Lab File: BG061561.D
Acq: 8 Jun 2024 10:42



Tgt Ion:202 Resp: 17586
Ion Ratio Lower Upper
202 100
101 10.8 5.7 8.5#
100 7.7 5.1 7.7





#87

Chrysene

Concen: 1.042 ng/ul

RT: 21.556 min Scan# 3160

Delta R.T. -0.010 min

Lab File: BG061561.D

Acq: 8 Jun 2024 10:42

Instrument :

BNA_G

ClientSampleId :

BHBT5

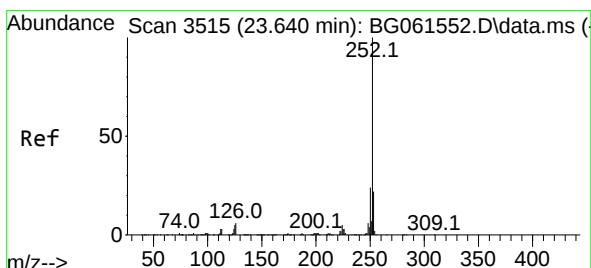
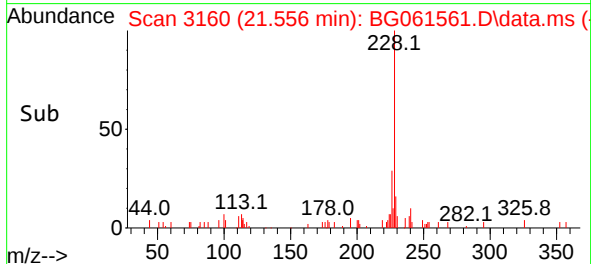
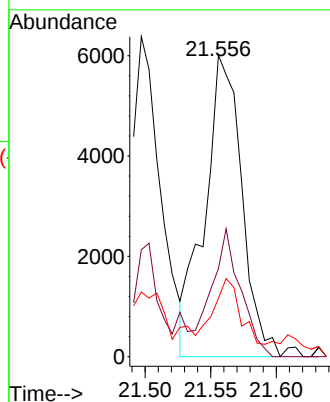
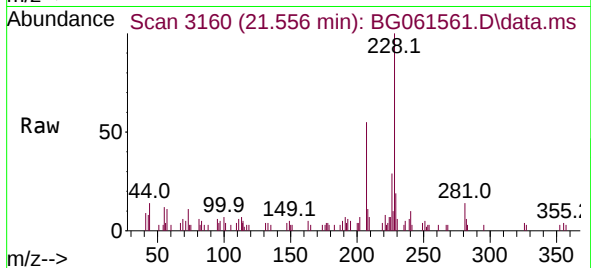
Tgt Ion:	228	Resp:	1179
Ion Ratio	Lower	Upper	
228	100		
226	29.2	23.4	35.0
229	19.4	15.4	23.2

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#90

Benzo(b)fluoranthene

Concen: 1.439 ng/ul

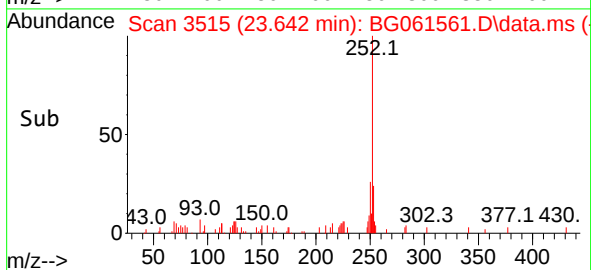
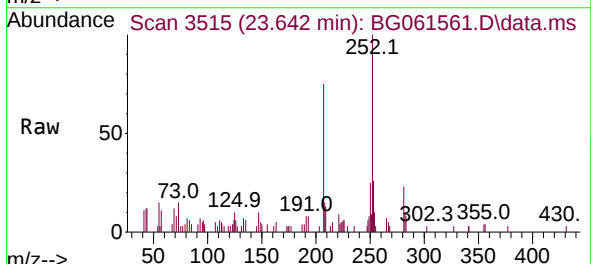
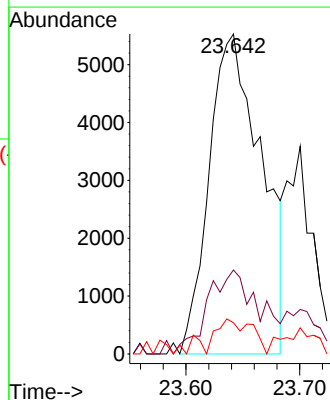
RT: 23.642 min Scan# 3515

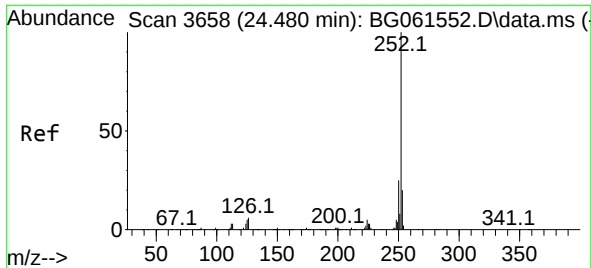
Delta R.T. 0.007 min

Lab File: BG061561.D

Acq: 8 Jun 2024 10:42

Tgt Ion:	252	Resp:	17690
Ion Ratio	Lower	Upper	
252	100		
253	26.3	17.8	26.8
125	9.7	4.6	6.8





#93
Benzo(a)pyrene
Concen: 1.054 ng/ul m
RT: 24.470 min Scan# 30
Delta R.T. 0.002 min
Lab File: BG061561.D
Acq: 8 Jun 2024 10:42

Instrument :
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Tgt Ion:252 Resp: 12299
Ion Ratio Lower Upper
252 100
253 28.8 16.4 24.6
125 10.8 4.3 6.5

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