

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110123\
 Data File : BG059588.D
 Acq On : 1 Nov 2023 22:06
 Operator : MA/JU
 Sample : 04922-15
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EOAT4

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/03/2023
 Supervised By :mohammad ahmed 11/03/2023

Quant Time: Nov 02 04:01:58 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Oct 28 03:56:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.358	152	70777	20.000	ng/u1	0.00
20) Naphthalene-d8	11.208	136	424791	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.986	164	280027	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.735	188	573381	20.000	ng/u1	0.00
79) Chrysene-d12	22.072	240	404753	20.000	ng/u1	# 0.00
88) Perylene-d12	25.679	264	459567	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.658	96	3862	2.042	ng/uL	0.00
4) Pyridine-d5	4.093	84	11427	2.162	ng/u1	0.00
7) Phenol-d5	7.465	99	89884	12.358	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.671	67	38707	11.587	ng/u1	0.00
11) 2-Chlorophenol-d4	7.871	132	74048	12.549	ng/u1	0.00
15) 4-Methylphenol-d8	9.034	113	63333	10.976	ng/u1	0.00
21) Nitrobenzene-d5	9.551	128	37701	12.482	ng/u1	0.00
24) 2-Nitrophenol-d4	10.274	143	56954	18.368	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.802	165	94253	13.797	ng/u1	0.00
31) 4-Chloroaniline-d4	11.343	131	95337	8.477	ng/u1	0.00
46) Dimethylphthalate-d6	14.375	166	318422	12.551	ng/u1	-0.01
49) Acenaphthylene-d8	14.686	160	391189	13.139	ng/u1	0.00
54) 4-Nitrophenol-d4	15.144	143	53962	12.403	ng/u1	0.00
60) Fluorene-d10	15.973	176	282926	13.049	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	16.073	200	28257	10.406	ng/u1	0.00
73) Anthracene-d10	17.835	188	409478m	13.182	ng/u1	0.00
81) Pyrene-d10	20.103	212	424207	15.078	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.421	264	395264m	14.606	ng/u1	-0.02
Target Compounds						
8) Phenol	7.495	94	8215m	1.198	ng/u1	Qvalue
16) Acetophenone	9.198	105	34735	3.819	ng/u1	90
80) Fluoranthene	19.768	202	55180	1.609	ng/u1#	96
82) Pyrene	20.133	202	48234	1.354	ng/u1#	91
90) Benzo(b)fluoranthene	24.498	252	46293m	1.390	ng/u1	

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

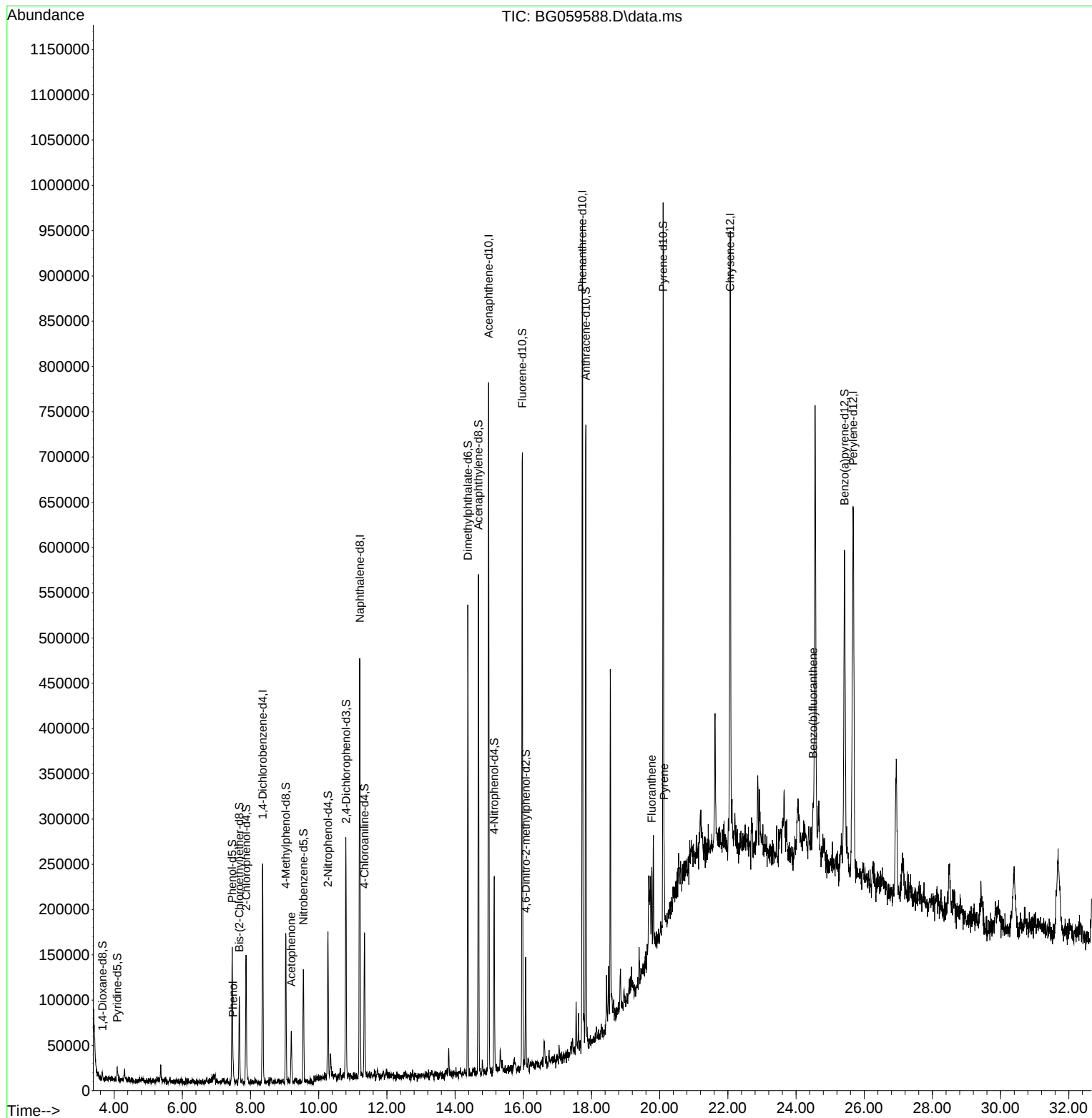
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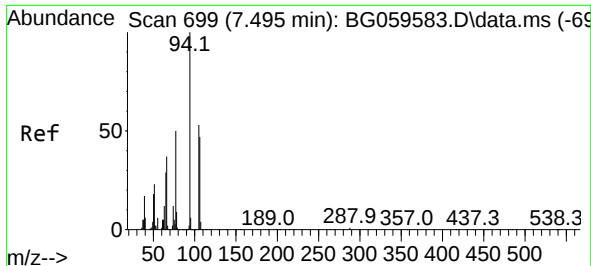
Instrument :
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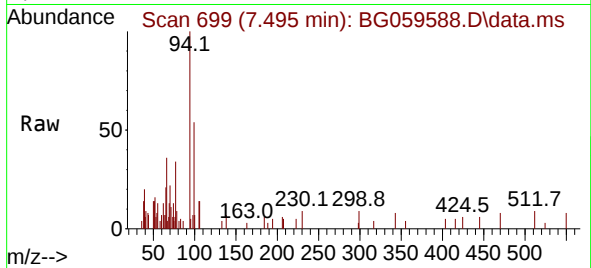
Reviewed By :Yogesh Patel 11/03/2023
Supervised By :mohammad ahmed 11/03/2023





#8
Phenol
Concen: 1.198 ng/ul m
RT: 7.495 min Scan# 699
Delta R.T. -0.003 min
Lab File: BG059588.D
Acq: 1 Nov 2023 22:06

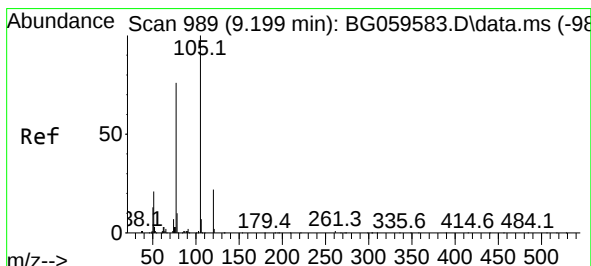
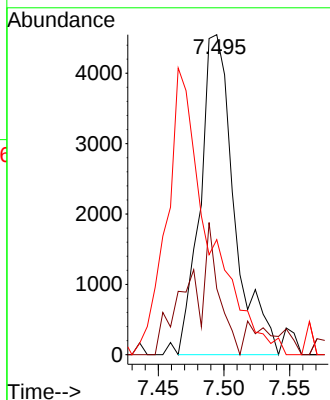
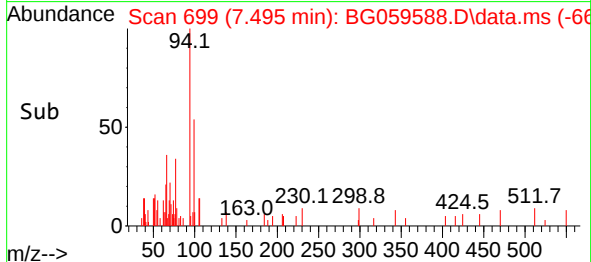
Instrument :
BNA_G
ClientSampleId :
EOAT4



Tgt Ion: 94 Resp: 8215
Ion Ratio Lower Upper
94 100
65 20.7 22.5 33.7
66 36.0 31.1 46.7

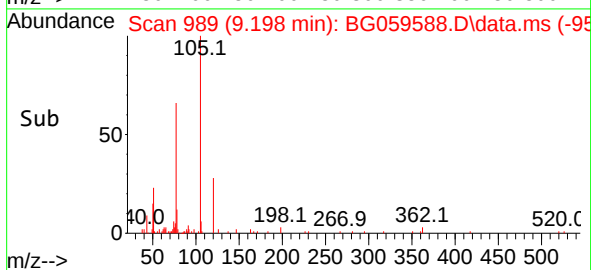
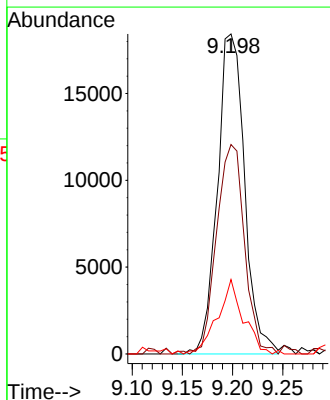
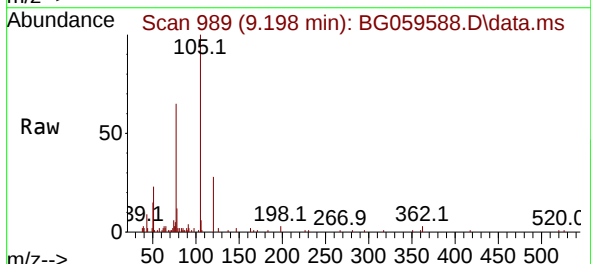
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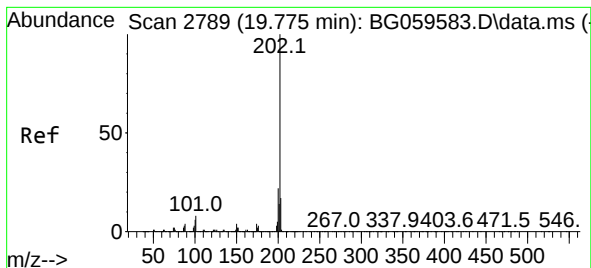
Reviewed By :Yogesh Patel 11/03/2023
Supervised By :mohammad ahmed 11/03/2023



#16
Acetophenone
Concen: 3.819 ng/ul
RT: 9.198 min Scan# 989
Delta R.T. -0.009 min
Lab File: BG059588.D
Acq: 1 Nov 2023 22:06

Tgt Ion:105 Resp: 34735
Ion Ratio Lower Upper
105 100
77 65.5 59.6 89.4
51 23.3 16.2 24.4





#80

Fluoranthene

Concen: 1.609 ng/uI

RT: 19.768 min Scan# 21

Delta R.T. -0.009 min

Lab File: BG059588.D

Acq: 1 Nov 2023 22:06

Instrument :

BNA_G

ClientSampleId :

EOAT4

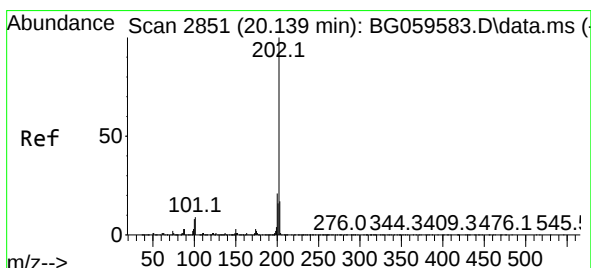
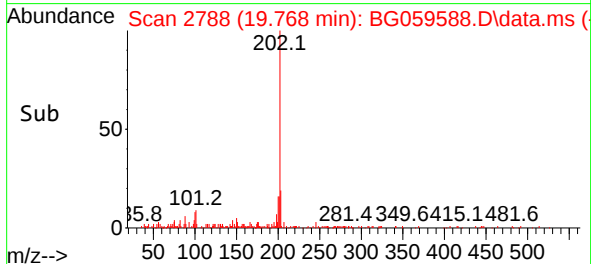
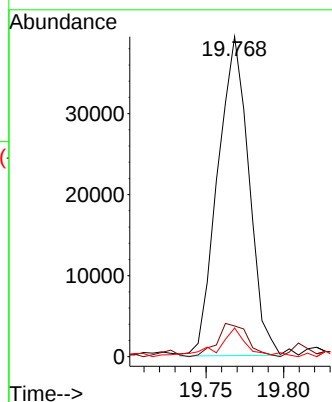
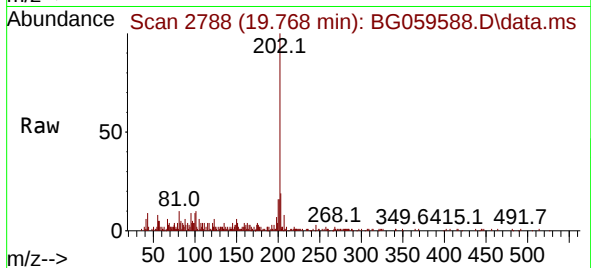
Tgt Ion:202 Resp: 55180
 Ion Ratio Lower Upper
 202 100
 101 9.6 7.0 10.6
 100 8.9 5.2 7.8

Manual Integrations

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#82

Pyrene

Concen: 1.354 ng/uI

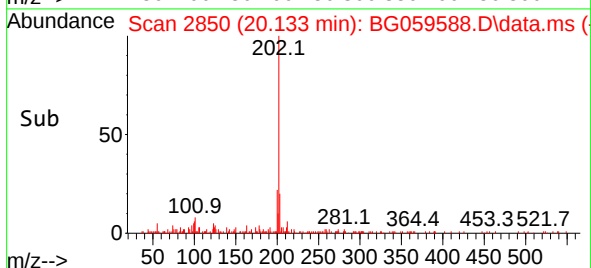
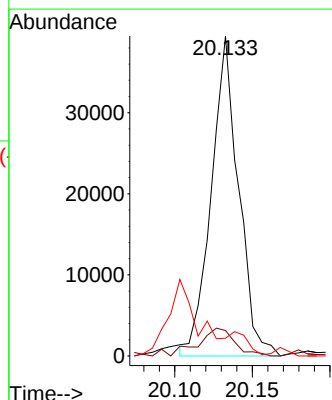
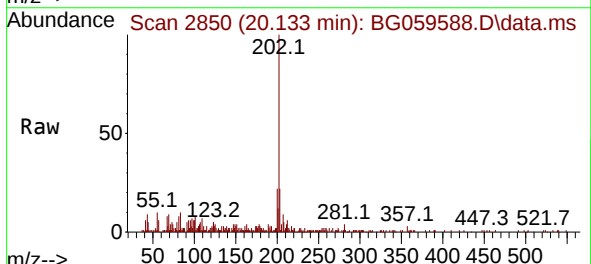
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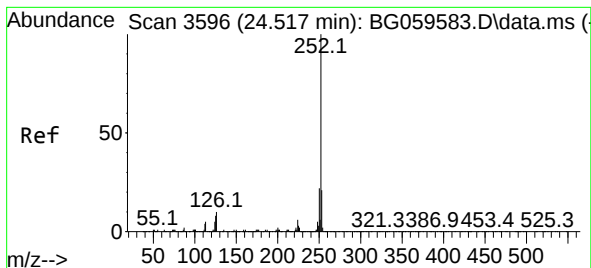
Delta R.T. -0.009 min

Lab File: BG059588.D

Acq: 1 Nov 2023 22:06

Tgt Ion:202 Resp: 48234
 Ion Ratio Lower Upper
 202 100
 101 7.9 7.9 11.9
 100 5.5 7.9 11.9





#90

Benzo(b)fluoranthene

Concen: 1.390 ng/ul m

RT: 24.498 min Scan# 3

Delta R.T. -0.027 min

Lab File: BG059588.D

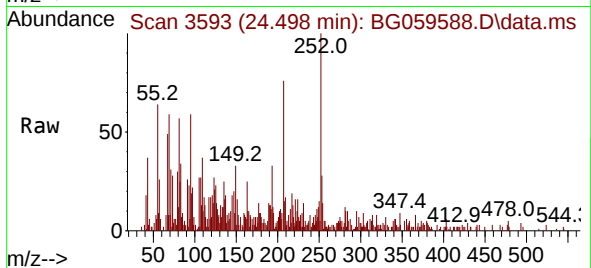
Acq: 1 Nov 2023 22:06

Instrument :

BNA_G

ClientSampleId :

EOAT4



Tgt Ion:252 Resp: 4629

Ion Ratio Lower Upper

252 100

253 27.9 17.8 26.8

125 22.8 8.6 13.0

Manual Integrations

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