

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122624\
 Data File : BG063896.D
 Acq On : 28 Dec 2024 9:43
 Operator : RC/JU
 Sample : P5351-02
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E2924

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/30/2024
 Supervised By :mohammad ahmed 12/30/2024

Quant Time: Dec 29 23:55:11 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 24 00:44:39 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.794	152	113883	20.000	ng/u1	0.00
20) Naphthalene-d8	10.585	136	478835	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.440	164	341534	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.195	188	817808	20.000	ng/u1	0.00
79) Chrysene-d12	21.449	240	822191	20.000	ng/u1	# 0.01
88) Perylene-d12	24.469	264	854559	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.259	96	11652	4.010	ng/uL	0.00
4) Pyridine-d5	3.676	84	11363	1.239	ng/u1	0.01
7) Phenol-d5	6.984	99	210607	20.080	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.130	67	142114	19.618	ng/u1	0.00
11) 2-Chlorophenol-d4	7.336	132	140622	20.709	ng/u1	0.00
15) 4-Methylphenol-d8	8.517	113	160448	19.703	ng/u1	0.00
21) Nitrobenzene-d5	8.952	128	75163	21.984	ng/u1	0.00
24) 2-Nitrophenol-d4	9.675	143	87206	22.755	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.221	165	159911	21.551	ng/u1	0.00
31) 4-Chloroaniline-d4	10.732	131	133026m	14.120	ng/u1	0.00
46) Dimethylphthalate-d6	13.846	166	548448	23.599	ng/u1	0.00
49) Acenaphthylene-d8	14.134	160	638825	24.114	ng/u1	0.00
54) 4-Nitrophenol-d4	14.680	143	77285m	23.471	ng/u1	0.01
60) Fluorene-d10	15.438	176	507062	24.678	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.574	200	62010	14.604	ng/u1	0.00
73) Anthracene-d10	17.295	188	909485	25.867	ng/u1	0.00
81) Pyrene-d10	19.592	212	999482	23.361	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.263	264	713530	17.780	ng/u1	0.02
Target Compounds						
					Qvalue	
8) Phenol	7.013	94	12625m	1.129	ng/u1	
16) Acetophenone	8.617	105	38306	2.773	ng/u1#	90
80) Fluoranthene	19.263	202	76909	1.582	ng/u1	97
82) Pyrene	19.622	202	63139	1.220	ng/u1#	95
90) Benzo(b)fluoranthene	23.523	252	49897m	1.027	ng/u1	

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

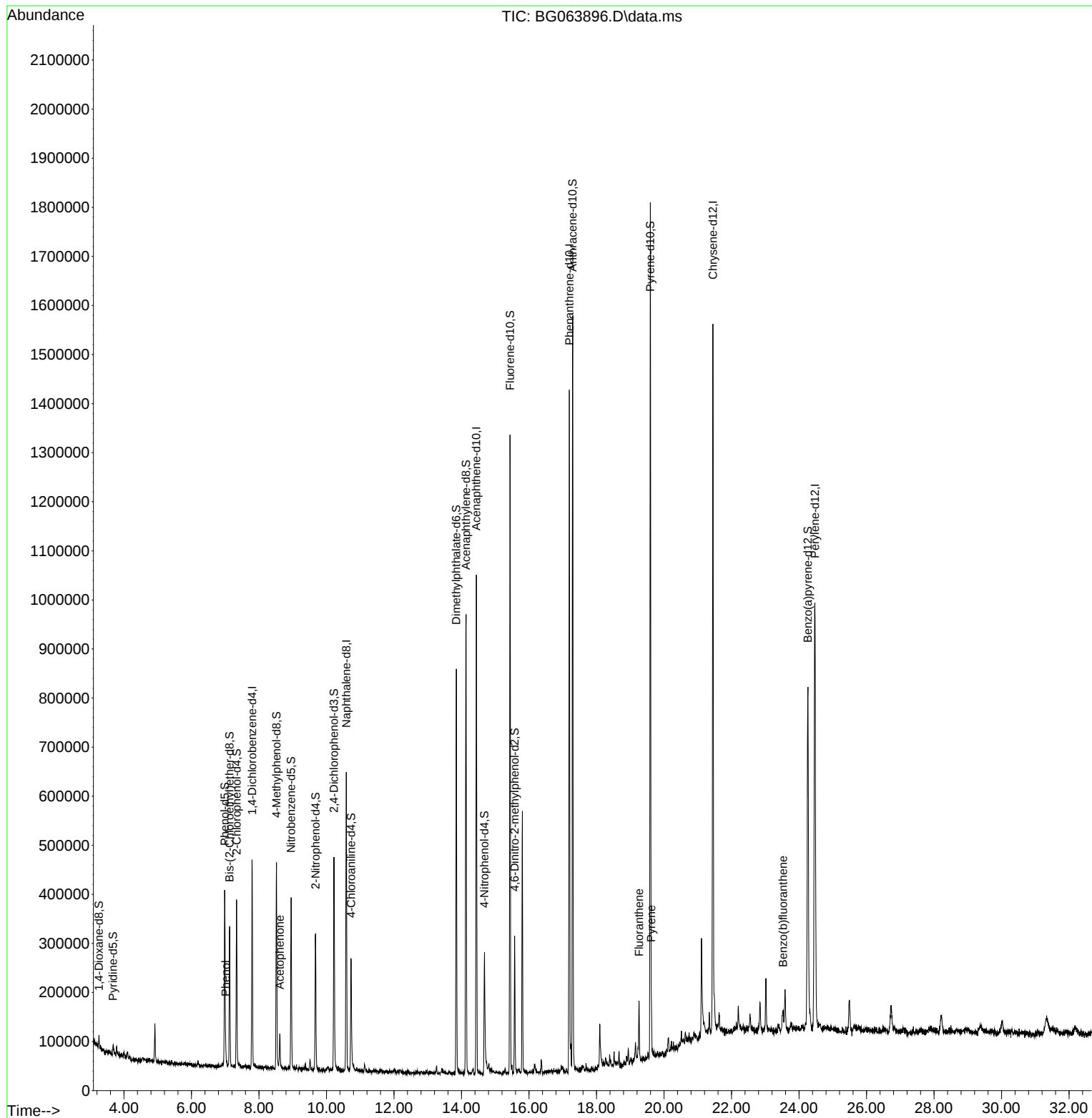
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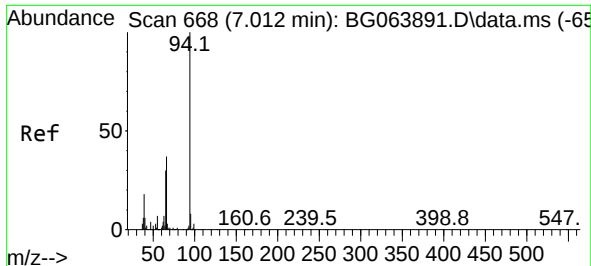
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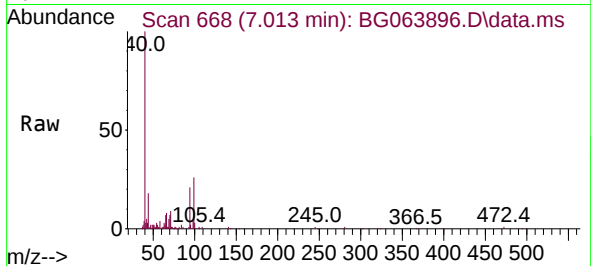
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024





#8
Phenol
Concen: 1.129 ng/ul m
RT: 7.013 min Scan# 60
Delta R.T. 0.001 min
Lab File: BG063896.D
Acq: 28 Dec 2024 9:43

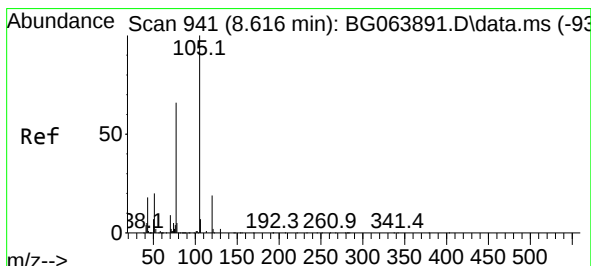
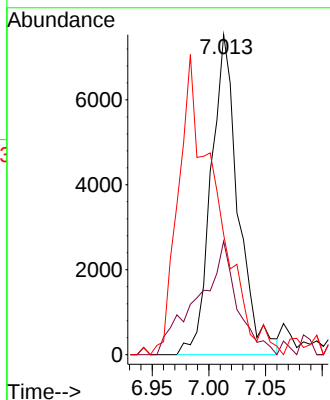
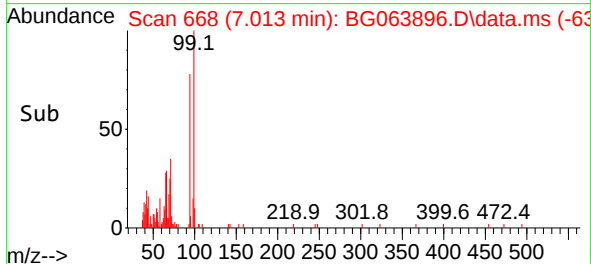
Instrument :
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ClientSampleId :
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Tgt Ion: 94 Resp: 1262
Ion Ratio Lower Upper
94 100
65 35.4 25.6 38.4
66 37.5 34.2 51.2

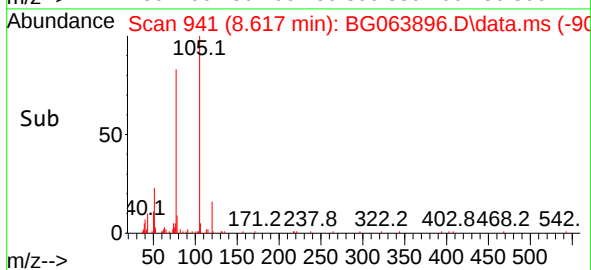
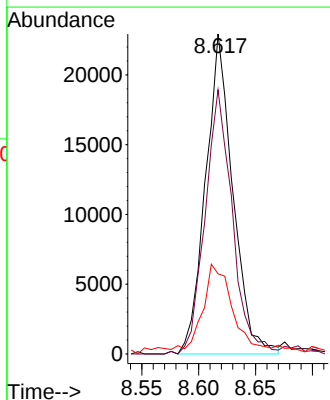
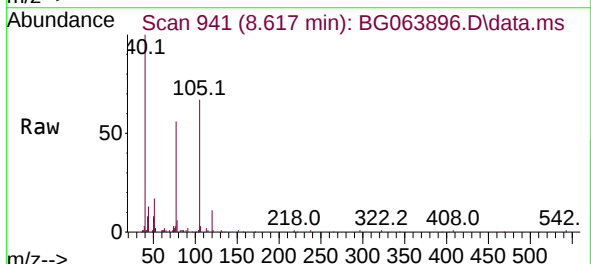
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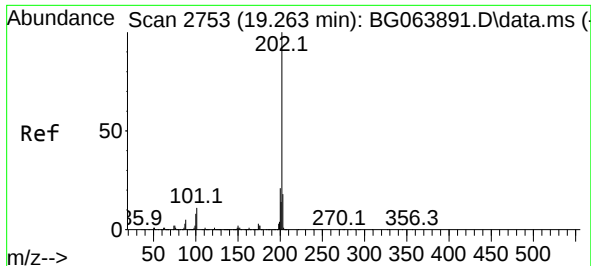
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#16
Acetophenone
Concen: 2.773 ng/ul
RT: 8.617 min Scan# 941
Delta R.T. 0.001 min
Lab File: BG063896.D
Acq: 28 Dec 2024 9:43

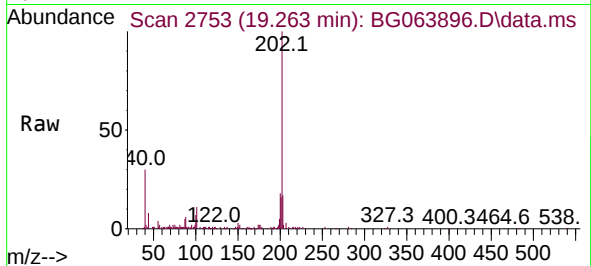
Tgt Ion:105 Resp: 38306
Ion Ratio Lower Upper
105 100
77 82.6 73.6 110.4
51 25.1 25.4 38.2#





#80
Fluoranthene
Concen: 1.582 ng/u1
RT: 19.263 min Scan# 21
Delta R.T. 0.012 min
Lab File: BG063896.D
Acq: 28 Dec 2024 9:43

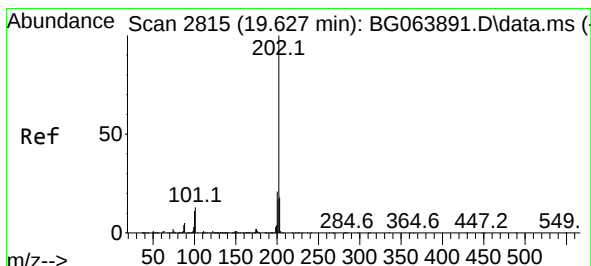
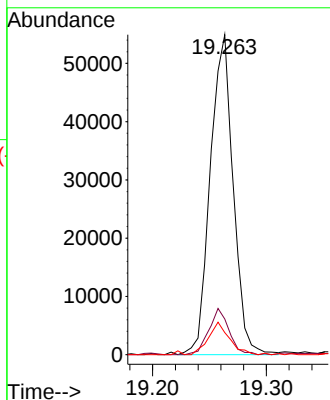
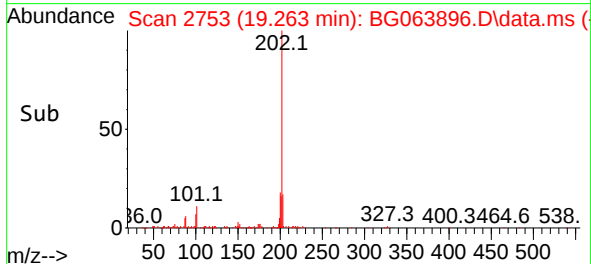
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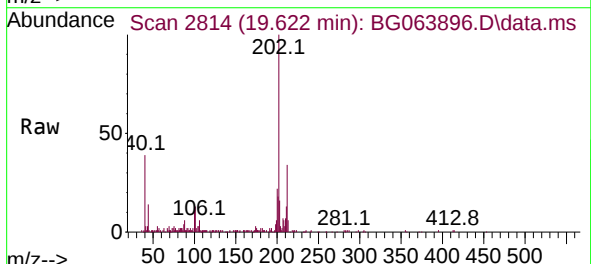
Tgt Ion:202 Resp: 76909
Ion Ratio Lower Upper
202 100
101 11.2 8.1 12.1
100 6.9 6.5 9.7

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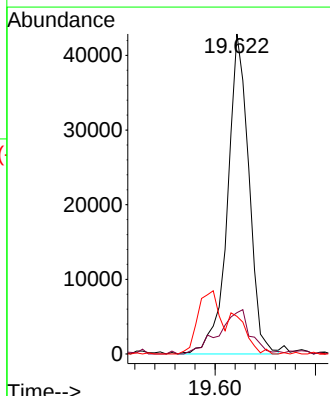
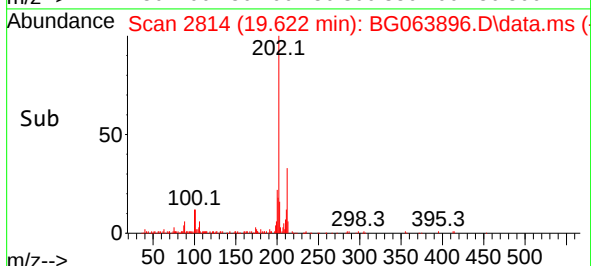
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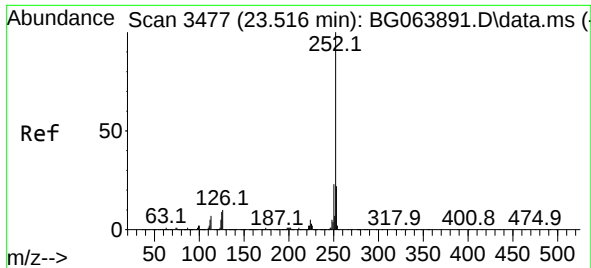


#82
Pyrene
Concen: 1.220 ng/u1
RT: 19.622 min Scan# 2814
Delta R.T. 0.007 min
Lab File: BG063896.D
Acq: 28 Dec 2024 9:43



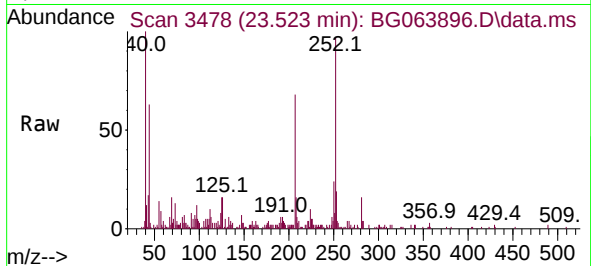
Tgt Ion:202 Resp: 63139
Ion Ratio Lower Upper
202 100
101 12.9 8.7 13.1
100 11.7 7.8 11.6#





#90
Benzo(b)fluoranthene
Concen: 1.027 ng/ul m
RT: 23.523 min Scan# 3478
Delta R.T. 0.024 min
Lab File: BG063896.D
Acq: 28 Dec 2024 9:43

Instrument :
BNA_G
ClientSampleId :
E2924



Tgt Ion:252 Resp: 4989
Ion Ratio Lower Upper
252 100
253 19.5 17.7 26.5
125 16.4 7.0 10.4

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