

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122324\
 Data File : BG063829.D
 Acq On : 24 Dec 2024 21:06
 Operator : RC/JU
 Sample : P5333-05
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E2908

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/26/2024
 Supervised By :mohammad ahmed 12/26/2024

Quant Time: Dec 25 03:28:31 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	7.803	152	104039	20.000	ng/u1	0.00
20) Naphthalene-d8	10.588	136	440783	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.442	164	332761	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.192	188	744854	20.000	ng/u1	0.00
79) Chrysene-d12	21.439	240	714053	20.000	ng/u1	0.00
88) Perylene-d12	24.454	264	768754	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.261	96	11429	4.305	ng/uL	0.00
4) Pyridine-d5	3.666	84	174473	20.832	ng/u1	0.00
7) Phenol-d5	6.992	99	245836	25.656	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.133	67	155103	23.437	ng/u1	0.00
11) 2-Chlorophenol-d4	7.338	132	162816	26.246	ng/u1	0.00
15) 4-Methylphenol-d8	8.519	113	183386	24.651	ng/u1	0.00
21) Nitrobenzene-d5	8.960	128	81565	25.916	ng/u1	0.00
24) 2-Nitrophenol-d4	9.677	143	99681	28.255	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.223	165	186689	27.332	ng/u1	0.00
31) 4-Chloroaniline-d4	10.729	131	178343m	20.564	ng/u1	0.00
46) Dimethylphthalate-d6	13.848	166	608711	26.883	ng/u1	0.00
49) Acenaphthylene-d8	14.130	160	661897	25.643	ng/u1	0.00
54) 4-Nitrophenol-d4	14.683	143	82157m	25.609	ng/u1	0.01
60) Fluorene-d10	15.435	176	455931	22.774	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.570	200	59862	15.479	ng/u1	0.00
73) Anthracene-d10	17.291	188	748573	23.375	ng/u1	0.00
81) Pyrene-d10	19.589	212	727771	19.586	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.248	264	583247	16.156	ng/u1	0.00
Target Compounds					Qvalue	
8) Phenol	7.015	94	11436m	1.120	ng/u1	
72) Phenanthrene	17.233	178	47832	1.333	ng/u1#	94
80) Fluoranthene	19.254	202	101985	2.415	ng/u1#	95
82) Pyrene	19.618	202	93969	2.091	ng/u1#	91
85) Benzo(a)anthracene	21.422	228	50031	1.118	ng/u1	96
86) Bis(2-ethylhexyl)phtha...	21.334	149	78973	3.936	ng/u1#	97
87) Chrysene	21.481	228	52359m	1.228	ng/u1	
90) Benzo(b)fluoranthene	23.502	252	70408m	1.611	ng/u1	
93) Benzo(a)pyrene	24.313	252	43432	1.059	ng/u1	95

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

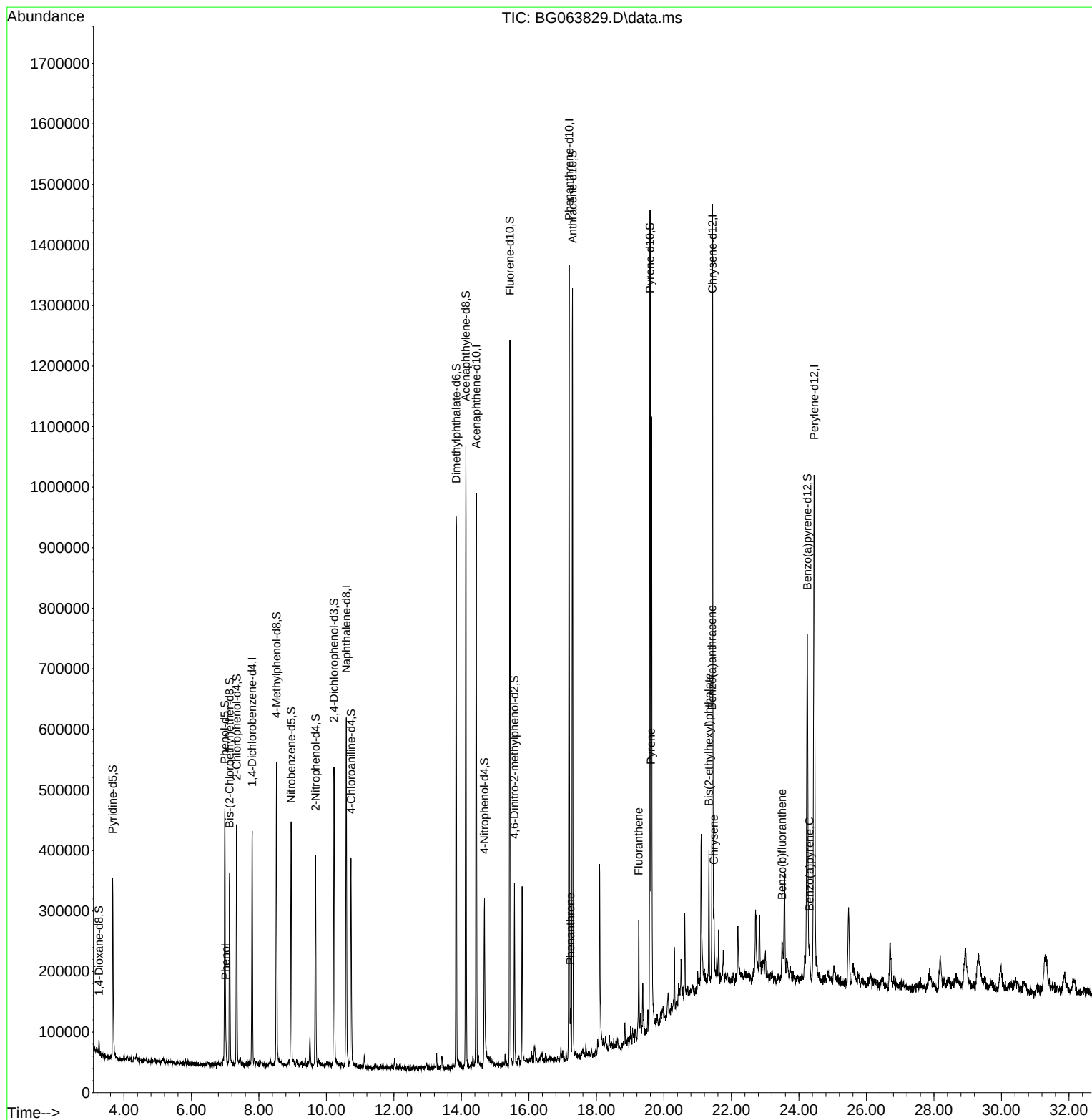
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122324\
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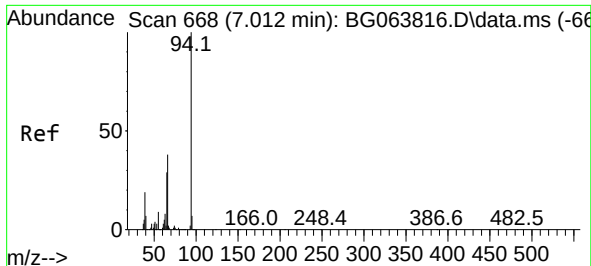
Instrument :
BNA_G
ClientSampleId :
E2908

Quant Time: Dec 25 03:28:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION
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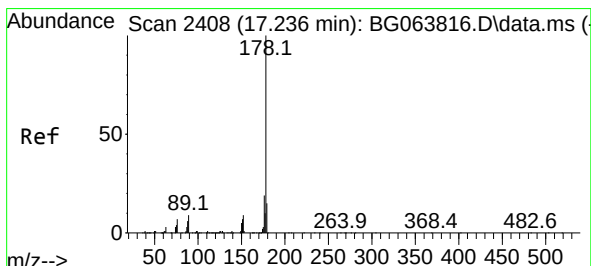
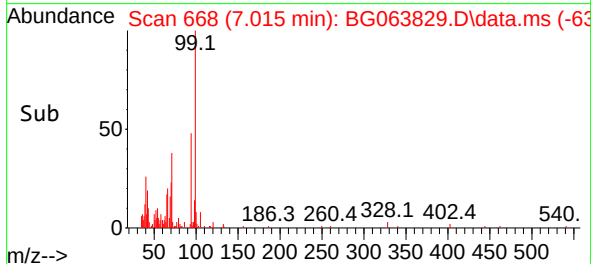
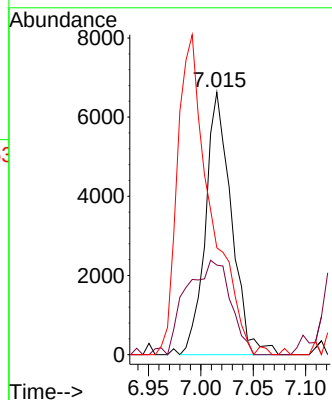
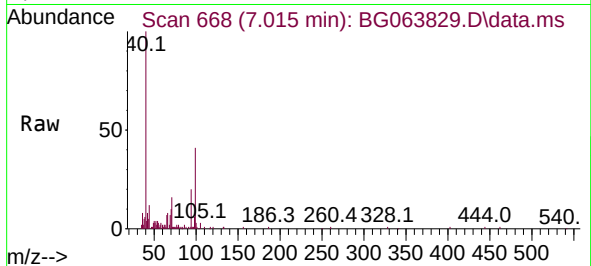
#8
Phenol
Concen: 1.120 ng/ul m
RT: 7.015 min Scan# 60
Delta R.T. 0.003 min
Lab File: BG063829.D
Acq: 24 Dec 2024 21:06

Instrument :
BNA_G
ClientSampleId :
E2908

Tgt Ion: 94 Resp: 11430
Ion Ratio Lower Upper
94 100
65 34.2 25.6 38.4
66 40.8 34.2 51.2

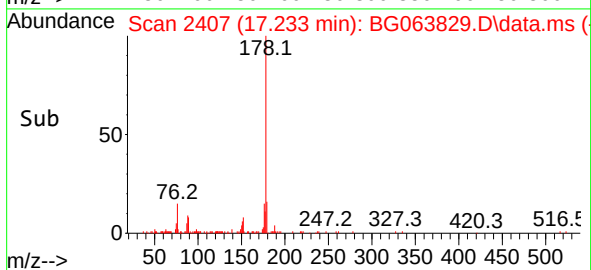
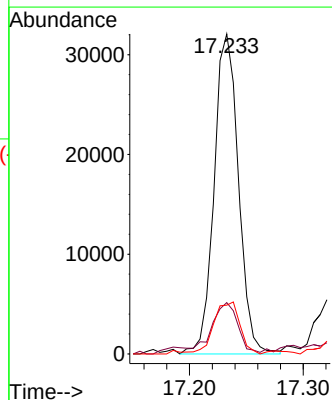
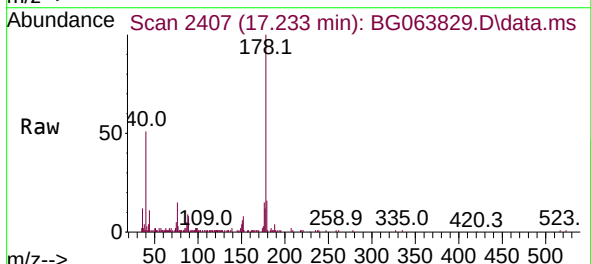
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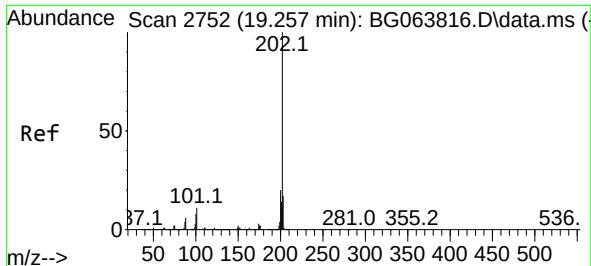
Reviewed By :Yogesh Patel 12/26/2024
Supervised By :mohammad ahmed 12/26/2024



#72
Phenanthrene
Concen: 1.333 ng/ul
RT: 17.233 min Scan# 2407
Delta R.T. 0.003 min
Lab File: BG063829.D
Acq: 24 Dec 2024 21:06

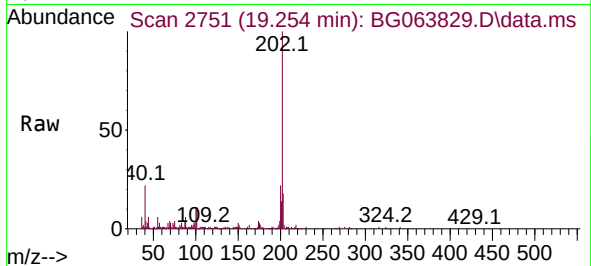
Tgt Ion:178 Resp: 47832
Ion Ratio Lower Upper
178 100
179 16.1 12.2 18.2
176 15.2 15.8 23.6#





#80
Fluoranthene
Concen: 2.415 ng/uI
RT: 19.254 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG063829.D
Acq: 24 Dec 2024 21:06

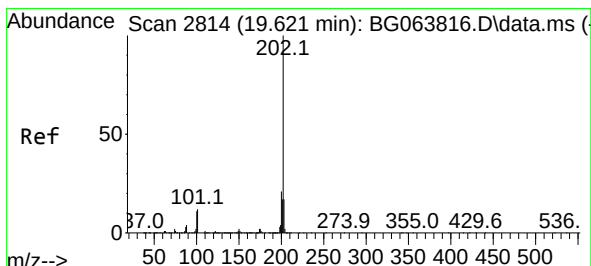
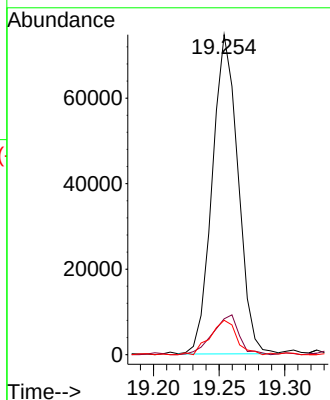
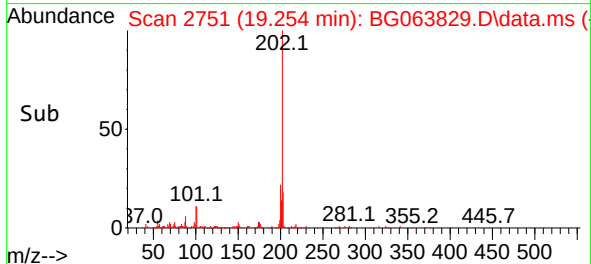
Instrument :
BNA_G
ClientSampleId :
E2908



Tgt Ion:202 Resp: 101985
Ion Ratio Lower Upper
202 100
101 11.2 8.1 12.1
100 10.8 6.5 9.7

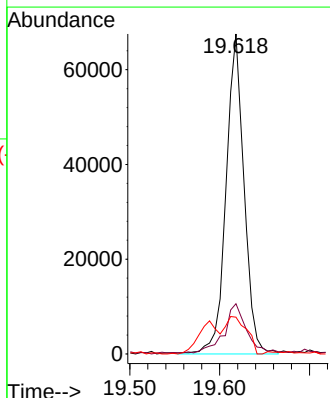
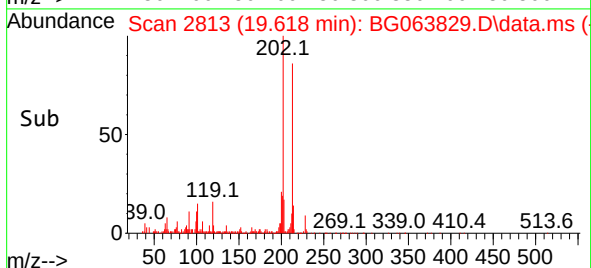
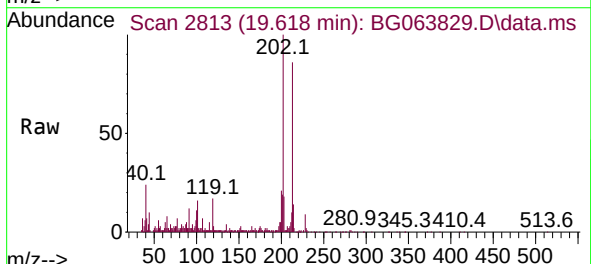
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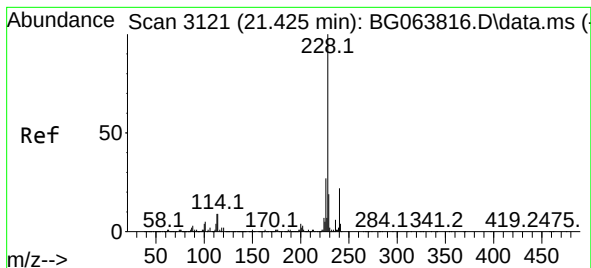
Reviewed By :Yogesh Patel 12/26/2024
Supervised By :mohammad ahmed 12/26/2024



#82
Pyrene
Concen: 2.091 ng/uI
RT: 19.618 min Scan# 2813
Delta R.T. 0.003 min
Lab File: BG063829.D
Acq: 24 Dec 2024 21:06

Tgt Ion:202 Resp: 93969
Ion Ratio Lower Upper
202 100
101 15.7 8.7 13.1#
100 11.5 7.8 11.6





#85

Benzo(a)anthracene

Concen: 1.118 ng/ul

RT: 21.422 min Scan# 3121

Delta R.T. 0.003 min

Lab File: BG063829.D

Acq: 24 Dec 2024 21:06

Instrument :

BNA_G

ClientSampleId :

E2908

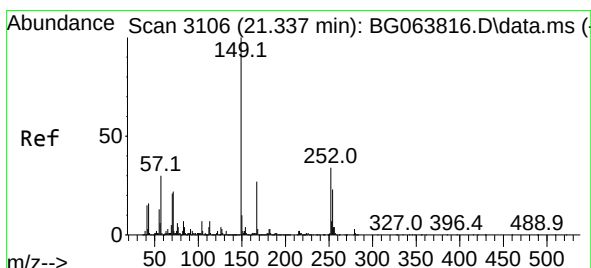
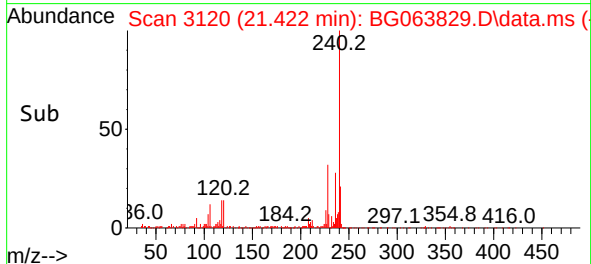
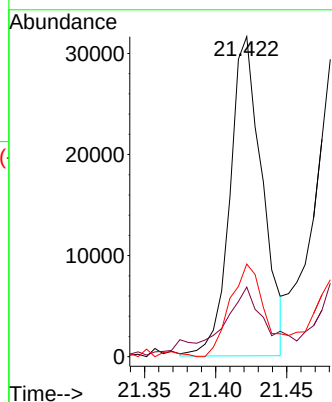
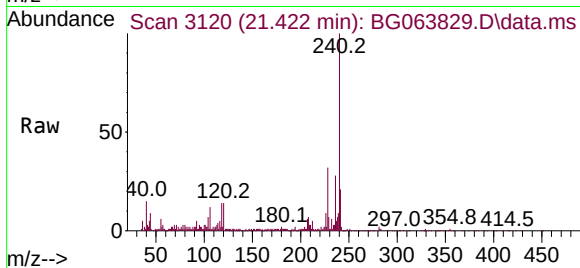
Tgt Ion:228 Resp: 5003
 Ion Ratio Lower Upper
 228 100
 229 21.8 15.7 23.5
 226 28.9 22.0 33.0

Manual Integrations

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#86

Bis(2-ethylhexyl)phthalate

Concen: 3.936 ng/ul

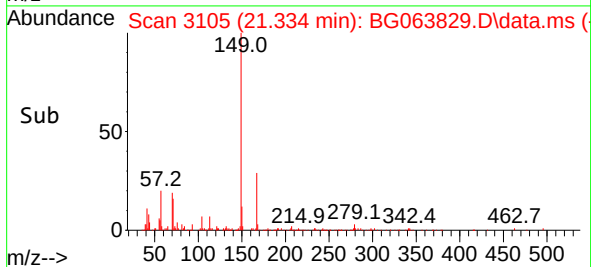
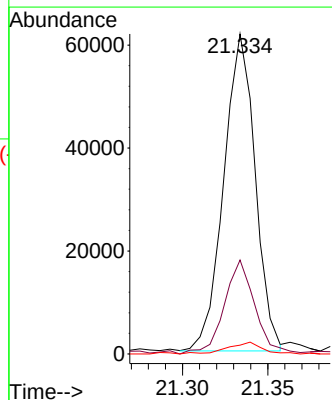
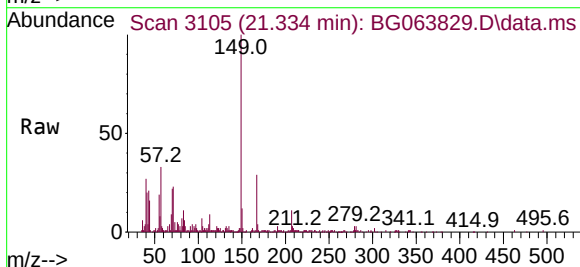
RT: 21.334 min Scan# 3105

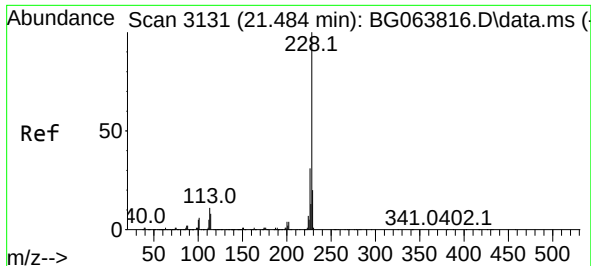
Delta R.T. 0.003 min

Lab File: BG063829.D

Acq: 24 Dec 2024 21:06

Tgt Ion:149 Resp: 78973
 Ion Ratio Lower Upper
 149 100
 167 29.3 22.1 33.1
 279 2.7 2.9 4.3





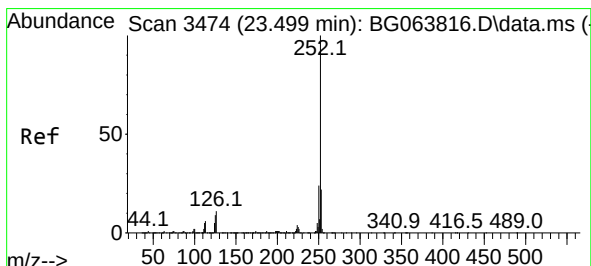
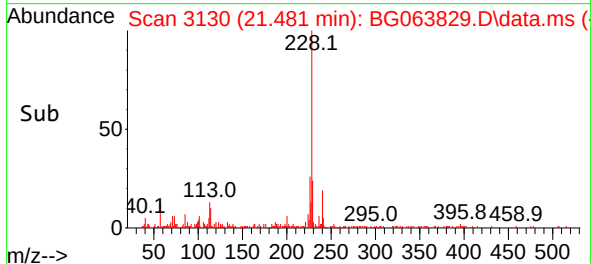
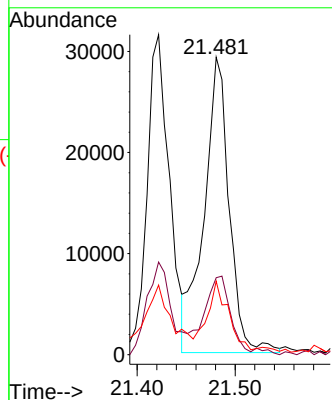
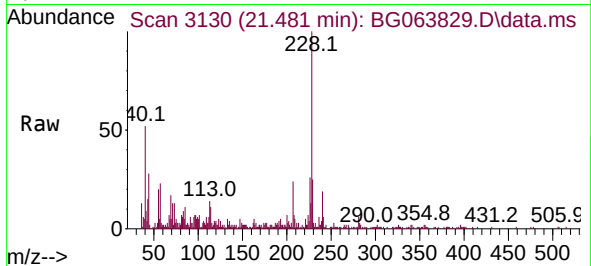
#87
Chrysene
Concen: 1.228 ng/ul m
RT: 21.481 min Scan# 3131
Delta R.T. -0.003 min
Lab File: BG063829.D
Acq: 24 Dec 2024 21:06

Instrument :
BNA_G
ClientSampleId :
E2908

Tgt Ion:228 Resp: 5235
Ion Ratio Lower Upper
228 100
226 25.8 23.4 35.0
229 24.7 14.8 22.2

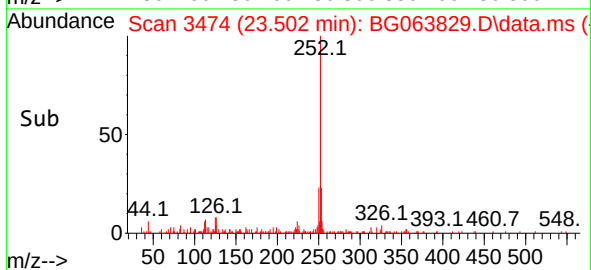
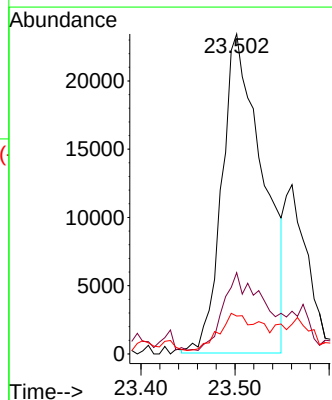
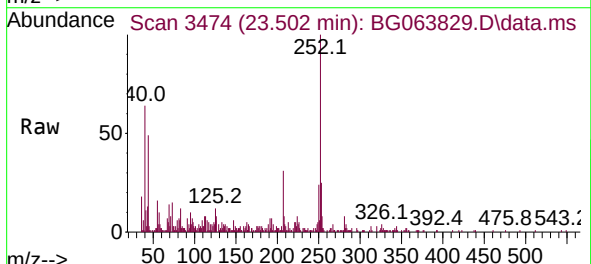
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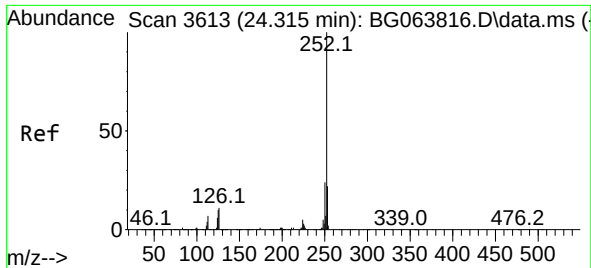
Reviewed By :Yogesh Patel 12/26/2024
Supervised By :mohammad ahmed 12/26/2024



#90
Benzo(b)fluoranthene
Concen: 1.611 ng/ul m
RT: 23.502 min Scan# 3474
Delta R.T. 0.003 min
Lab File: BG063829.D
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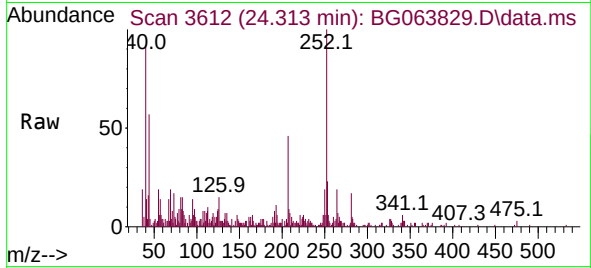
Tgt Ion:252 Resp: 70408
Ion Ratio Lower Upper
252 100
253 25.4 17.7 26.5
125 11.9 7.0 10.4





#93
 Benzo(a)pyrene
 Concen: 1.059 ng/ul
 RT: 24.313 min Scan# 30
 Delta R.T. 0.009 min
 Lab File: BG063829.D
 Acq: 24 Dec 2024 21:06

Instrument :
 BNA_G
 ClientSampleId :
 E2908



Tgt Ion:	252	Resp:	4343
Ion Ratio	Lower	Upper	
252	100		
253	23.2	16.6	24.8
125	8.9	8.0	12.0

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