

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122324\
 Data File : BG063825.D
 Acq On : 24 Dec 2024 18:36
 Operator : RC/JU
 Sample : P5333-16
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E2918

Manual Integrations
 APPROVED

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

Quant Time: Dec 25 01:57:11 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	7.800	152	103317	20.000	ng/u1	0.00
20) Naphthalene-d8	10.585	136	445472	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.439	164	354378	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.189	188	840815	20.000	ng/u1	0.00
79) Chrysene-d12	21.437	240	808437	20.000	ng/u1	0.00
88) Perylene-d12	24.451	264	857451	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	9891m	3.752	ng/uL	0.00
4) Pyridine-d5	3.670	84	70552	8.483	ng/u1	0.00
7) Phenol-d5	6.983	99	156854	16.484	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.130	67	109227	16.620	ng/u1	0.00
11) 2-Chlorophenol-d4	7.336	132	103889	16.864	ng/u1	0.00
15) 4-Methylphenol-d8	8.517	113	101675	13.763	ng/u1	0.00
21) Nitrobenzene-d5	8.952	128	58647	18.438	ng/u1	0.00
24) 2-Nitrophenol-d4	9.674	143	67643	18.972	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.221	165	124487	18.034	ng/u1	0.00
31) 4-Chloroaniline-d4	10.726	131	129058	14.724	ng/u1	0.00
46) Dimethylphthalate-d6	13.846	166	479339	19.878	ng/u1	0.00
49) Acenaphthylene-d8	14.134	160	461825	16.801	ng/u1	0.00
54) 4-Nitrophenol-d4	14.680	143	35914m	10.512	ng/u1	0.01
60) Fluorene-d10	15.438	176	324876	15.238	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.573	200	25782m	5.906	ng/u1	0.00
73) Anthracene-d10	17.289	188	525371	14.533	ng/u1	0.00
81) Pyrene-d10	19.586	212	472884	11.241	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.240	264	295591	7.341	ng/u1	0.00
Target Compounds						Qvalue
8) Phenol	7.013	94	11697	1.153	ng/u1	92
72) Phenanthrene	17.236	178	47398m	1.170	ng/u1	
80) Fluoranthene	19.251	202	118895	2.487	ng/u1#	96
82) Pyrene	19.616	202	129292	2.542	ng/u1#	92
85) Benzo(a)anthracene	21.419	228	111543	2.202	ng/u1	98
87) Chrysene	21.484	228	135455m	2.805	ng/u1	
90) Benzo(b)fluoranthene	23.499	252	223157	4.579	ng/u1	97
91) Benzo(k)fluoranthene	23.552	252	85502m	1.759	ng/u1	
93) Benzo(a)pyrene	24.304	252	171253	3.744	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	27.841	276	121209m	2.170	ng/u1	
96) Benzo(g,h,i)perylene	28.911	276	131676	2.970	ng/u1	96

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

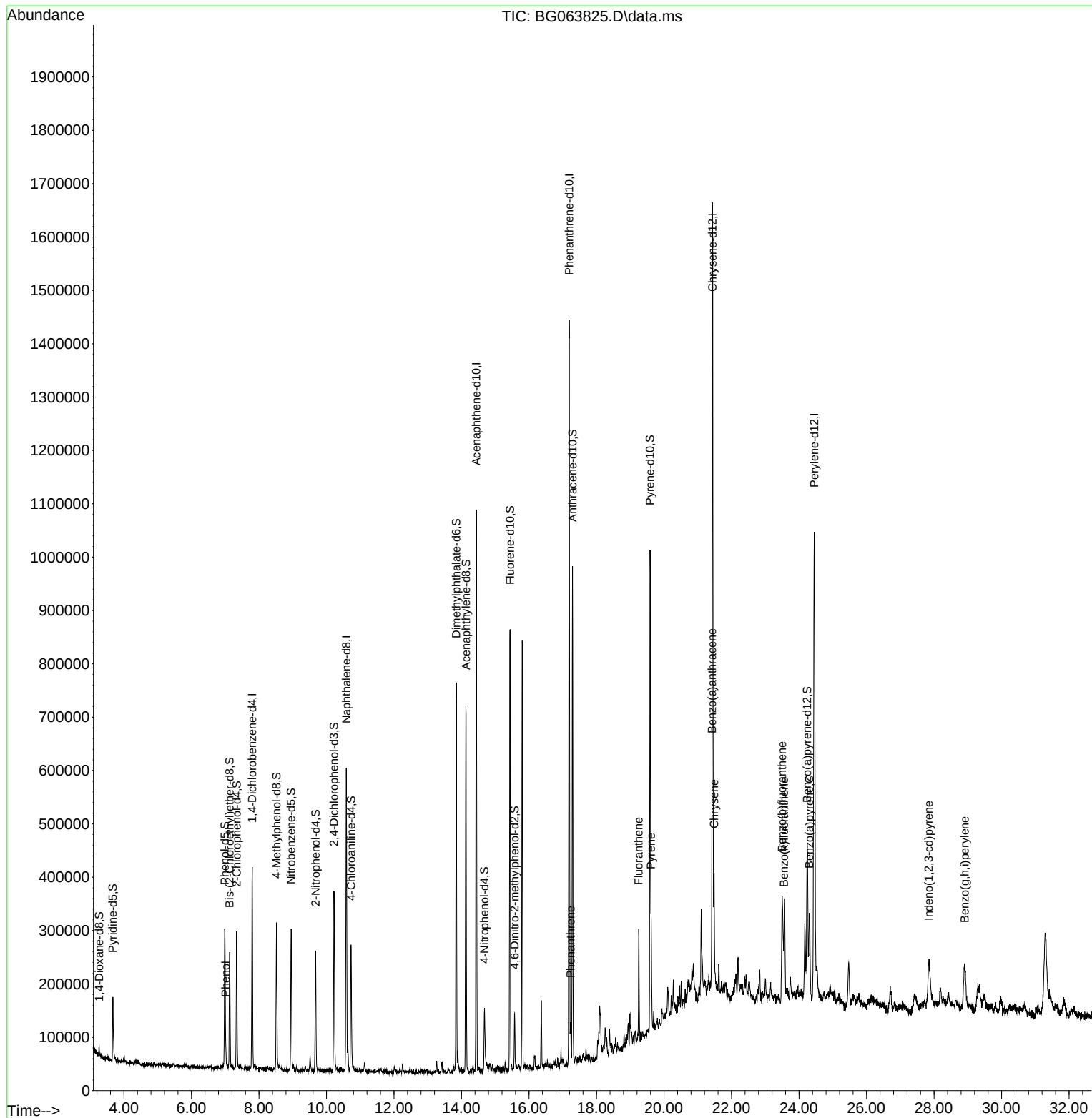
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122324\
Data File : BG063825.D
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ALS Vial : 51 Sample Multiplier: 1

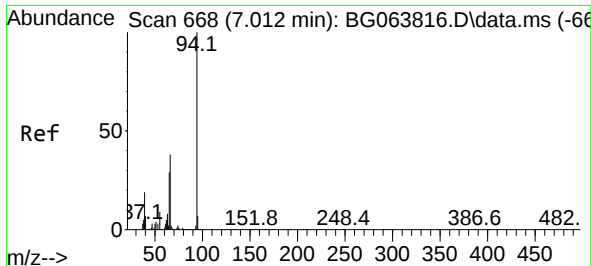
Instrument :
BNA_G
ClientSampleId :
E2918

Quant Time: Dec 25 01:57:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
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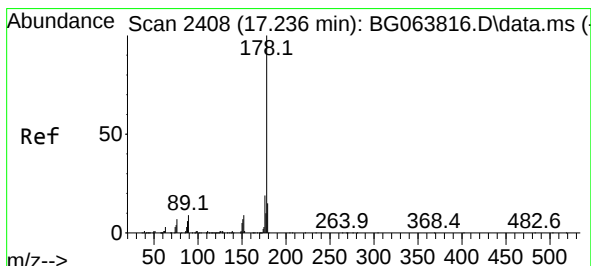
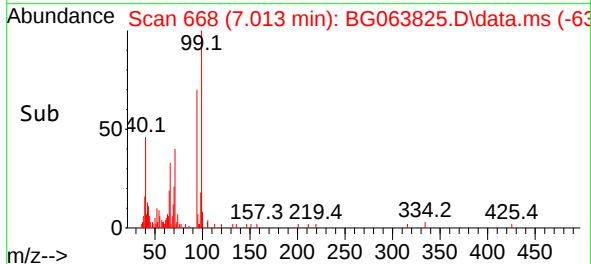
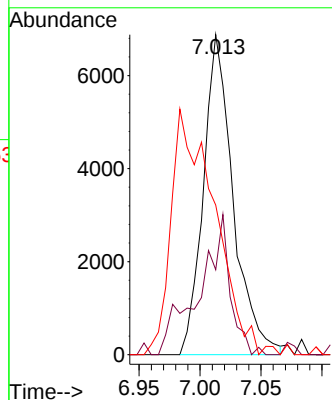
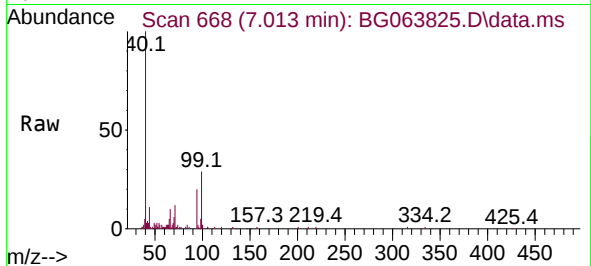
#8
Phenol
Concen: 1.153 ng/ul
RT: 7.013 min Scan# 60
Delta R.T. 0.000 min
Lab File: BG063825.D
Acq: 24 Dec 2024 18:36

Instrument :
BNA_G
ClientSampleId :
E2918

Tgt Ion: 94 Resp: 1169
Ion Ratio Lower Upper
94 100
65 26.6 25.6 38.4
66 46.7 34.2 51.2

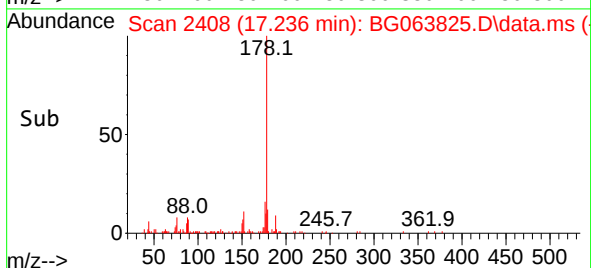
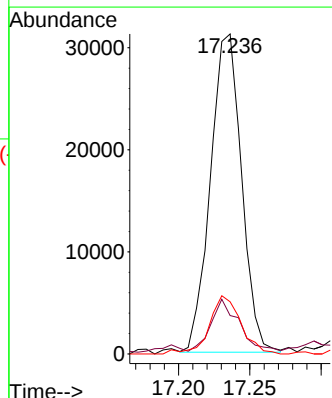
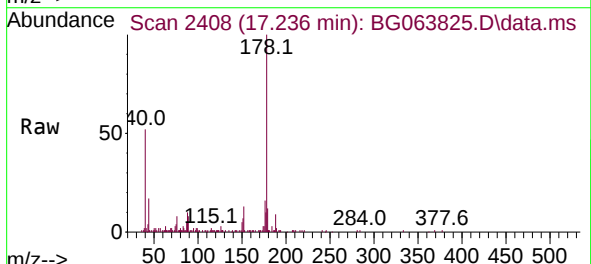
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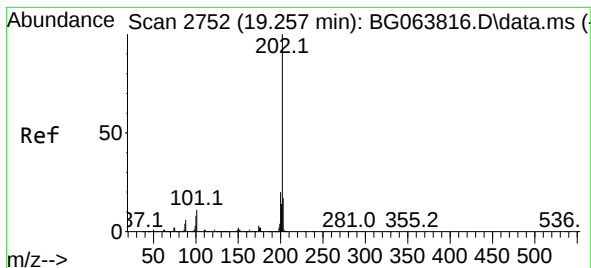
Reviewed By :Yogesh Patel 12/26/2024
Supervised By :mohammad ahmed 12/26/2024



#72
Phenanthrene
Concen: 1.170 ng/ul m
RT: 17.236 min Scan# 2408
Delta R.T. 0.006 min
Lab File: BG063825.D
Acq: 24 Dec 2024 18:36

Tgt Ion:178 Resp: 47398
Ion Ratio Lower Upper
178 100
179 12.0 12.2 18.2#
176 16.3 15.8 23.6





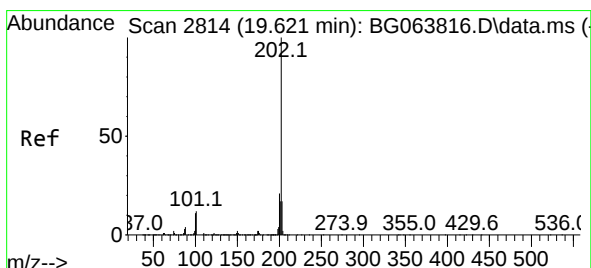
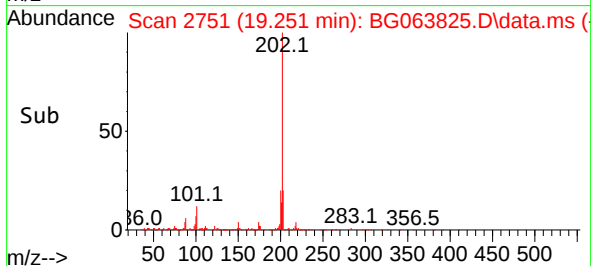
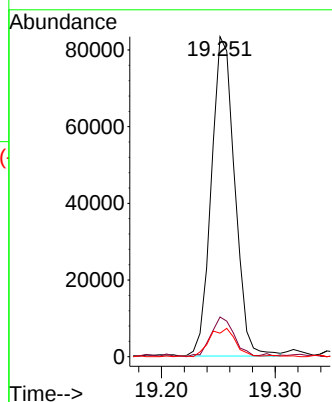
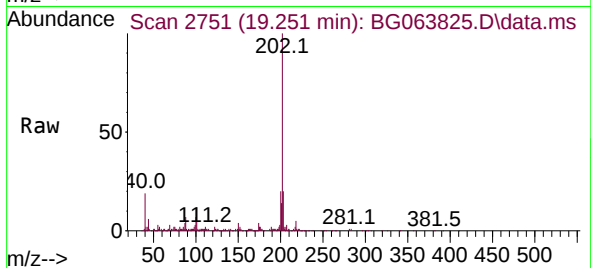
#80
Fluoranthene
Concen: 2.487 ng/u1
RT: 19.251 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG063825.D
Acq: 24 Dec 2024 18:36

Instrument :
BNA_G
ClientSampleId :
E2918

Tgt Ion:202 Resp: 11889
Ion Ratio Lower Upper
202 100
101 12.4 8.1 12.1#
100 7.3 6.5 9.7

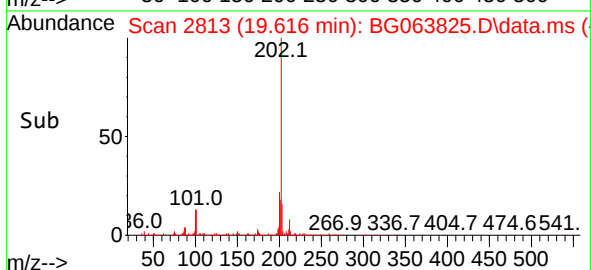
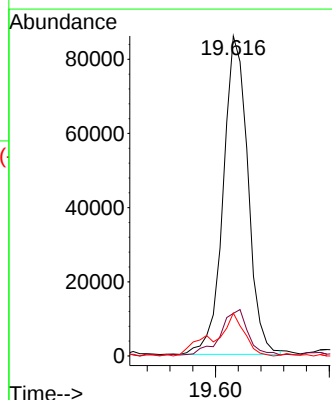
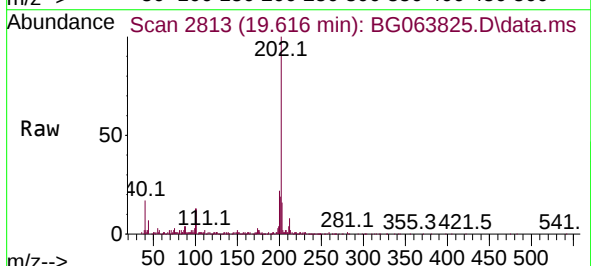
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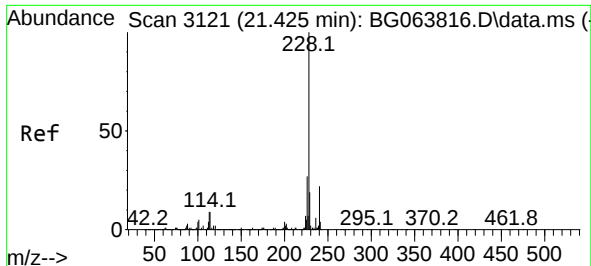
Reviewed By :Yogesh Patel 12/26/2024
Supervised By :mohammad ahmed 12/26/2024



#82
Pyrene
Concen: 2.542 ng/u1
RT: 19.616 min Scan# 2813
Delta R.T. 0.000 min
Lab File: BG063825.D
Acq: 24 Dec 2024 18:36

Tgt Ion:202 Resp: 129292
Ion Ratio Lower Upper
202 100
101 13.3 8.7 13.1#
100 13.4 7.8 11.6#





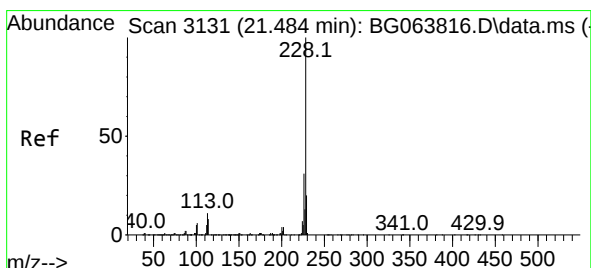
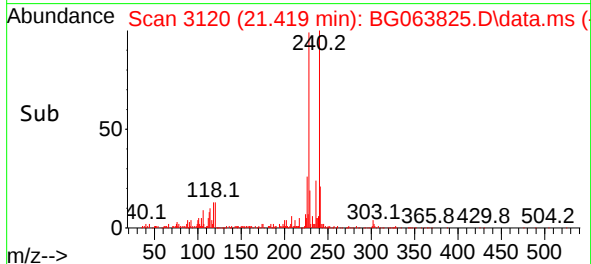
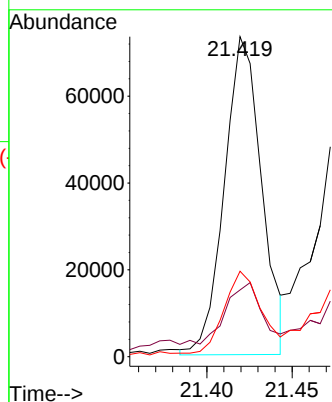
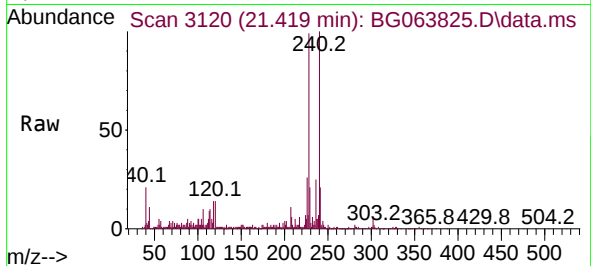
#85
Benzo(a)anthracene
Concen: 2.202 ng/ul
RT: 21.419 min Scan# 3121
Delta R.T. 0.001 min
Lab File: BG063825.D
Acq: 24 Dec 2024 18:36

Instrument :
BNA_G
ClientSampleId :
E2918

Tgt Ion:228 Resp: 11154
Ion Ratio Lower Upper
228 100
229 20.8 15.7 23.5
226 26.7 22.0 33.0

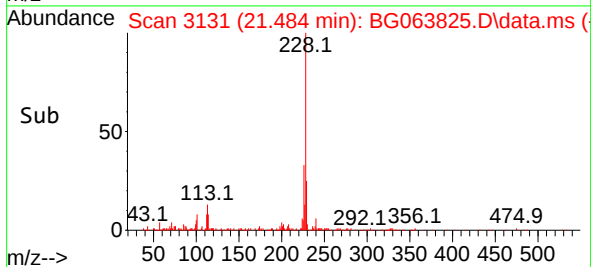
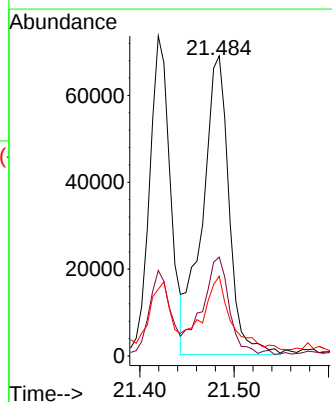
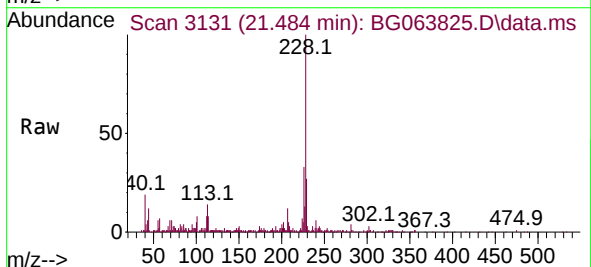
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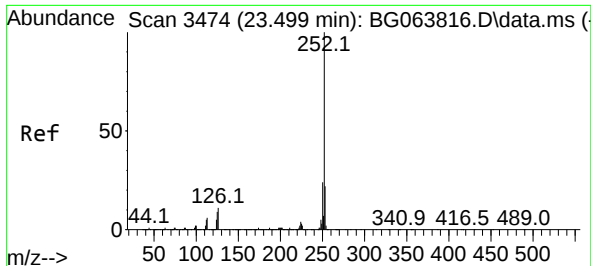
Reviewed By :Yogesh Patel 12/26/2024
Supervised By :mohammad ahmed 12/26/2024



#87
Chrysene
Concen: 2.805 ng/ul m
RT: 21.484 min Scan# 3131
Delta R.T. 0.001 min
Lab File: BG063825.D
Acq: 24 Dec 2024 18:36

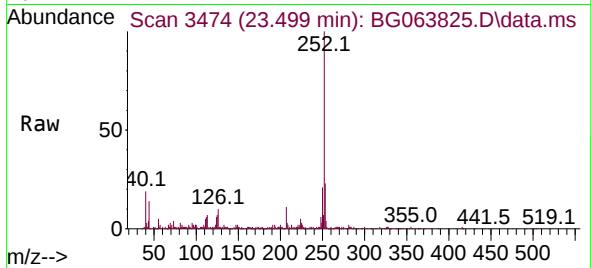
Tgt Ion:228 Resp: 135455
Ion Ratio Lower Upper
228 100
226 32.9 23.4 35.0
229 26.6 14.8 22.2#





#90
Benzo(b)fluoranthene
Concen: 4.579 ng/ul
RT: 23.499 min Scan# 3474
Delta R.T. 0.001 min
Lab File: BG063825.D
Acq: 24 Dec 2024 18:36

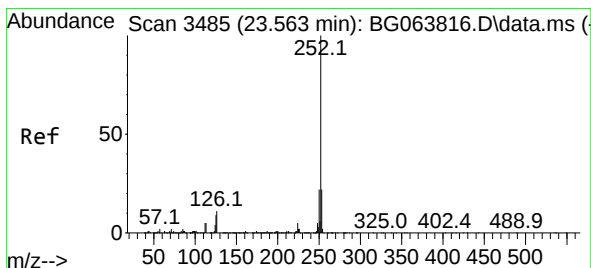
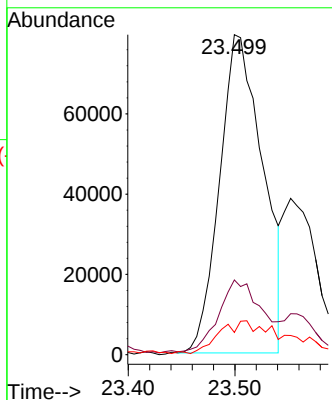
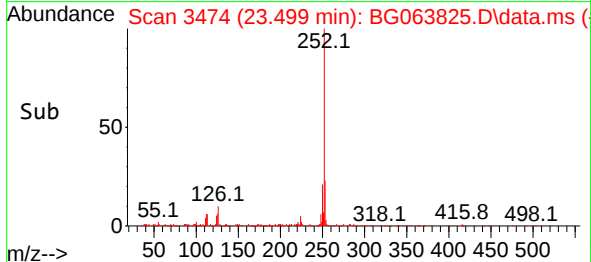
Instrument :
BNA_G
ClientSampleId :
E2918



Tgt Ion:252 Resp: 22315
Ion Ratio Lower Upper
252 100
253 23.4 17.7 26.5
125 7.0 7.0 10.4

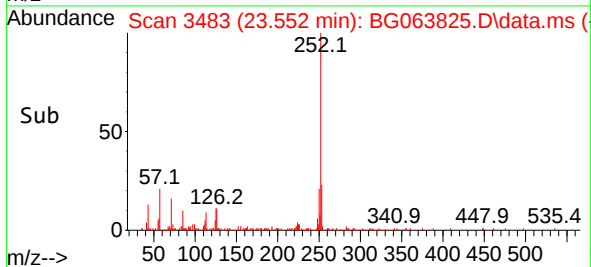
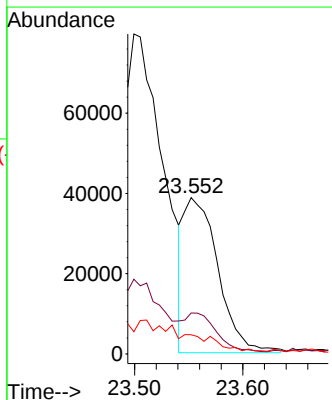
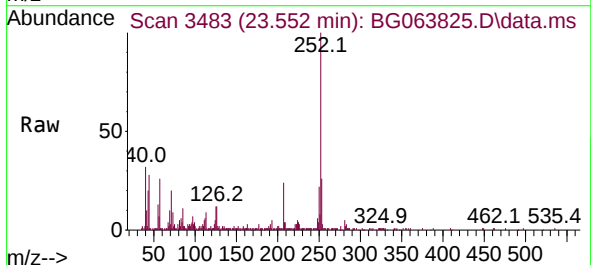
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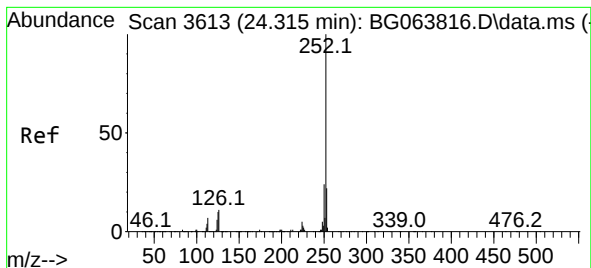
Reviewed By :Yogesh Patel 12/26/2024
Supervised By :mohammad ahmed 12/26/2024



#91
Benzo(k)fluoranthene
Concen: 1.759 ng/ul m
RT: 23.552 min Scan# 3483
Delta R.T. -0.005 min
Lab File: BG063825.D
Acq: 24 Dec 2024 18:36

Tgt Ion:252 Resp: 85502
Ion Ratio Lower Upper
252 100
253 26.2 17.7 26.5
125 12.3 6.5 9.7#





#93

Benzo(a)pyrene

Concen: 3.744 ng/ul

RT: 24.304 min Scan# 3

Delta R.T. 0.000 min

Lab File: BG063825.D

Acq: 24 Dec 2024 18:36

Instrument :

BNA_G

ClientSampleId :

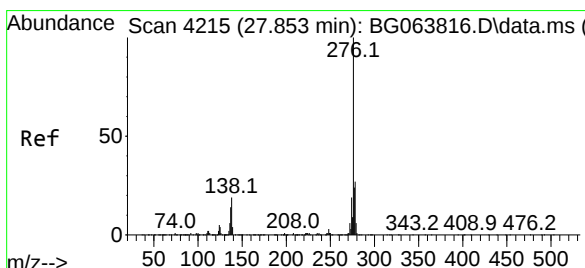
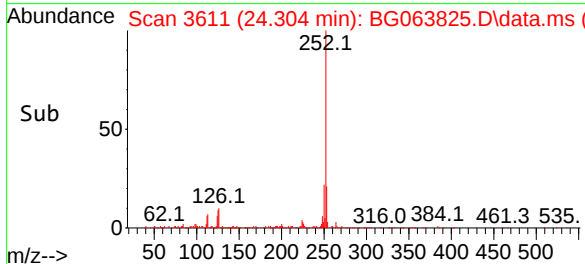
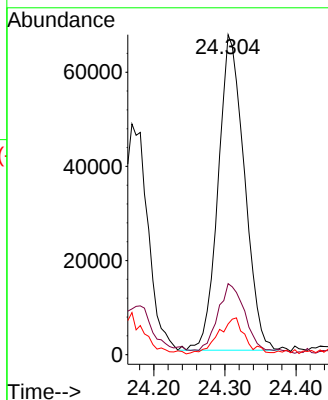
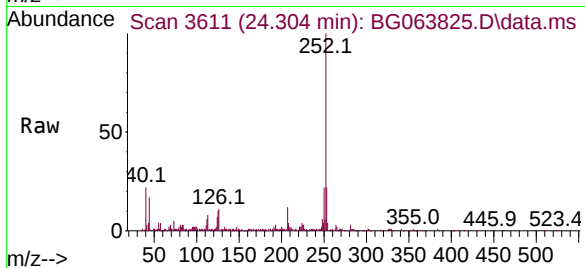
E2918

Tgt Ion:252 Resp: 17125
 Ion Ratio Lower Upper
 252 100
 253 22.2 16.6 24.8
 125 9.6 8.0 12.0

Manual Integrations
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#94

Indeno(1,2,3-cd)pyrene

Concen: 2.170 ng/ul m

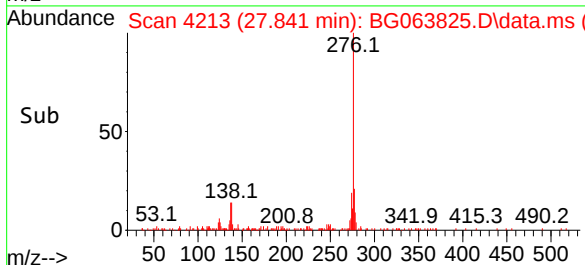
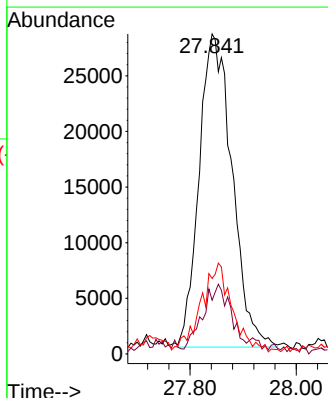
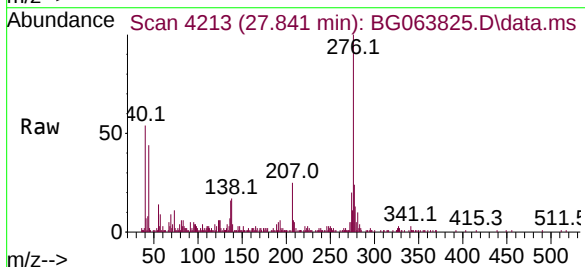
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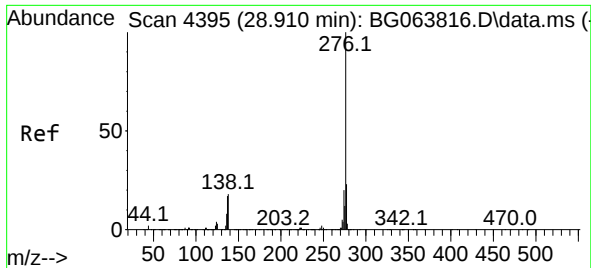
Delta R.T. -0.005 min

Lab File: BG063825.D

Acq: 24 Dec 2024 18:36

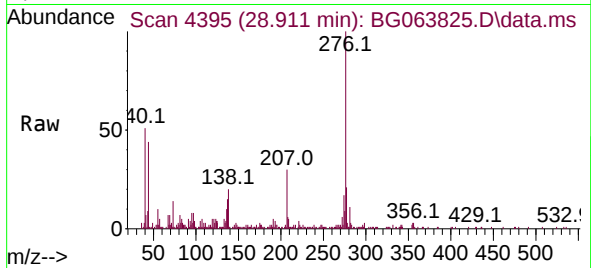
Tgt Ion:276 Resp: 121209
 Ion Ratio Lower Upper
 276 100
 138 16.8 13.7 20.5
 277 23.6 18.4 27.6





#96
 Benzo(g,h,i)perylene
 Concen: 2.970 ng/ul
 RT: 28.911 min Scan# 41
 Delta R.T. 0.012 min
 Lab File: BG063825.D
 Acq: 24 Dec 2024 18:36

Instrument :
 BNA_G
 ClientSampleId :
 E2918



Tgt Ion:	276	Resp:	131670
Ion	Ratio	Lower	Upper
276	100		
138	19.8	13.8	20.8
277	21.2	17.8	26.8

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