

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121824\
 Data File : BG063744.D
 Acq On : 19 Dec 2024 2:55
 Operator : RC/JU
 Sample : P5226-07
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E2AP5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/21/2024
 Supervised By :mohammad ahmed 12/21/2024

Quant Time: Dec 19 03:40:07 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 11 23:59:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.800	152	136939	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.591	136	560054	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.445	164	442032	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.195	188	1157728	20.000	ng/ul	-0.01
79) Chrysene-d12	21.437	240	1163164	20.000	ng/ul	-0.02
88) Perylene-d12	24.451	264	1209565	20.000	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	12752	3.649	ng/uL	-0.01
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	6.989	99	228342	18.105	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.136	67	153864	17.664	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.336	132	153643	18.817	ng/ul	-0.01
15) 4-Methylphenol-d8	8.517	113	124256	12.690	ng/ul	-0.01
21) Nitrobenzene-d5	8.958	128	81788	20.453	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.680	143	99877	22.282	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.227	165	176475	20.335	ng/ul	0.00
31) 4-Chloroaniline-d4	10.732	131	144942	13.153	ng/ul	-0.01
46) Dimethylphthalate-d6	13.846	166	670252	22.284	ng/ul	-0.01
49) Acenaphthylene-d8	14.134	160	759777	22.159	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.674	143	76663m	17.989	ng/ul	0.00
60) Fluorene-d10	15.438	176	633233	23.811	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.573	200	69080	11.492	ng/ul	0.00
73) Anthracene-d10	17.289	188	1131510	22.733	ng/ul	-0.02
81) Pyrene-d10	19.592	212	1236522	20.429	ng/ul	-0.01
92) Benzo(a)pyrene-d12	24.246	264	853712	15.030	ng/ul	-0.03
Target Compounds						Qvalue
8) Phenol	7.013	94	22079m	1.643	ng/ul	
16) Acetophenone	8.623	105	83494	5.027	ng/ul#	91
50) Acenaphthylene	14.163	152	43527m	1.184	ng/ul	
80) Fluoranthene	19.251	202	126252	1.835	ng/ul#	95
82) Pyrene	19.616	202	121654	1.662	ng/ul#	91
85) Benzo(a)anthracene	21.419	228	154920	2.125	ng/ul	94
87) Chrysene	21.484	228	147987	2.130	ng/ul	97
90) Benzo(b)fluoranthene	23.499	252	399080	5.805	ng/ul	98
91) Benzo(k)fluoranthene	23.558	252	167462m	2.442	ng/ul	
93) Benzo(a)pyrene	24.310	252	173095	2.683	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	27.847	276	182046	2.310	ng/ul#	93

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

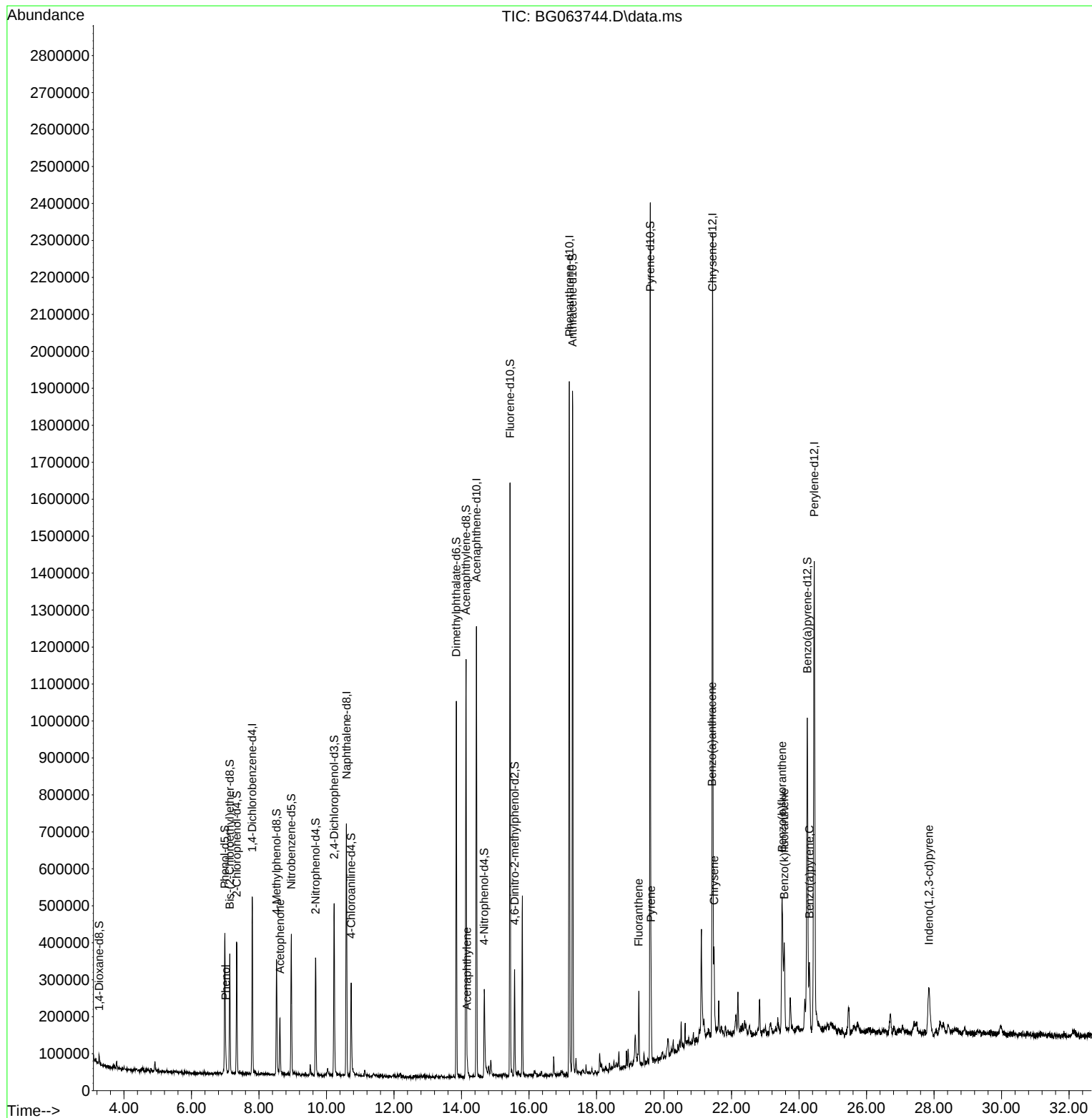
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121824\
Data File : BG063744.D
Acq On : 19 Dec 2024 2:55
Operator : RC/JU
Sample : P5226-07
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ALS Vial : 26 Sample Multiplier: 1

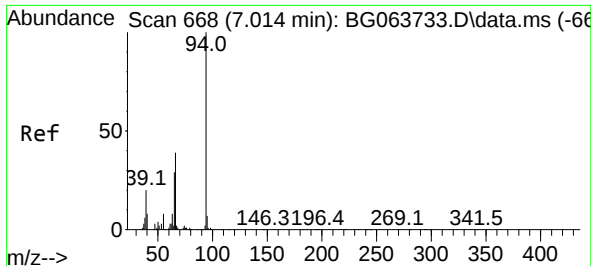
Instrument :
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Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 11 23:59:23 2024
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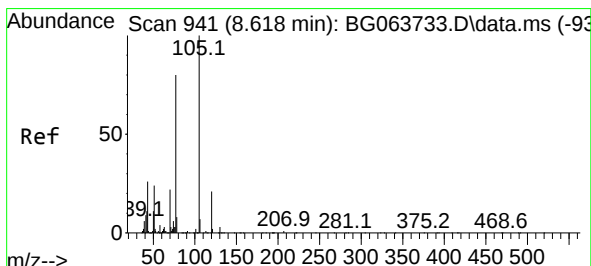
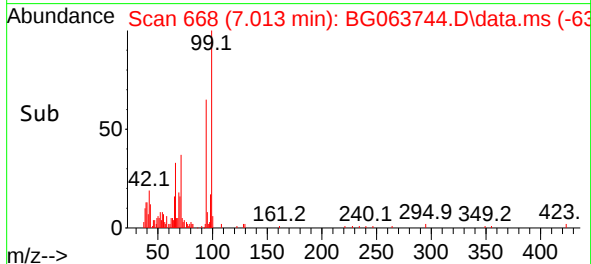
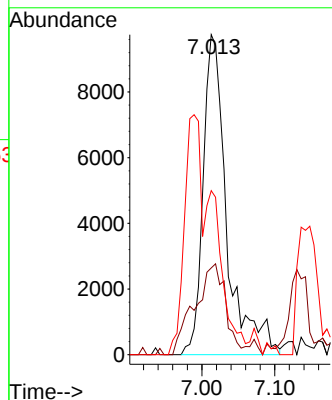
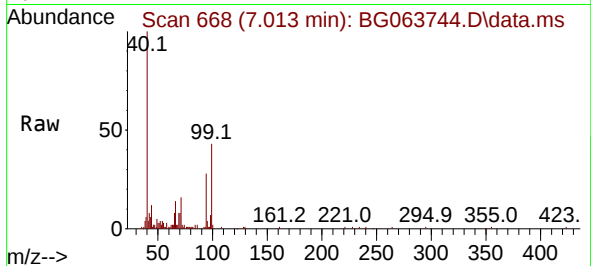
#8
Phenol
Concen: 1.643 ng/ul m
RT: 7.013 min Scan# 60
Delta R.T. -0.006 min
Lab File: BG063744.D
Acq: 19 Dec 2024 2:55

Instrument :
BNA_G
ClientSampleId :
E2AP5

Tgt Ion: 94 Resp: 22079
Ion Ratio Lower Upper
94 100
65 27.1 25.6 38.4
66 51.3 34.2 51.2

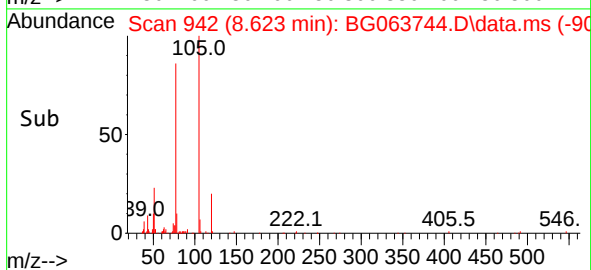
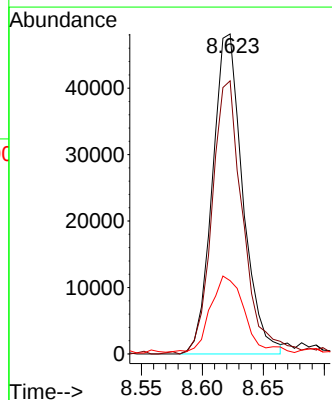
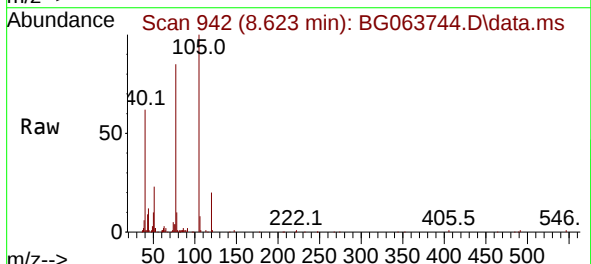
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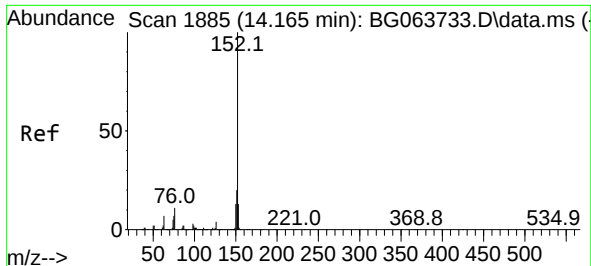
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/21/2024



#16
Acetophenone
Concen: 5.027 ng/ul
RT: 8.623 min Scan# 942
Delta R.T. -0.006 min
Lab File: BG063744.D
Acq: 19 Dec 2024 2:55

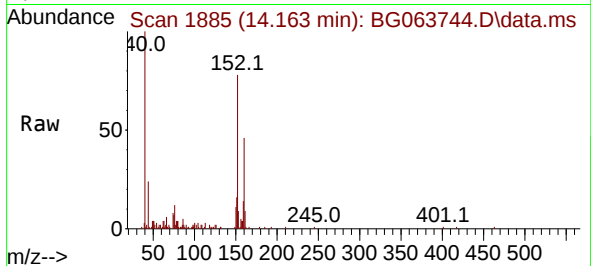
Tgt Ion:105 Resp: 83494
Ion Ratio Lower Upper
105 100
77 85.3 73.6 110.4
51 22.9 25.4 38.2#





#50
Acenaphthylene
Concen: 1.184 ng/ul m
RT: 14.163 min Scan# 1885
Delta R.T. -0.012 min
Lab File: BG063744.D
Acq: 19 Dec 2024 2:55

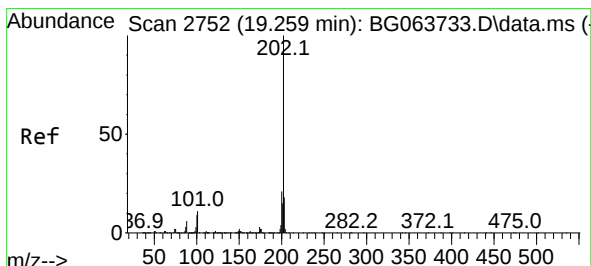
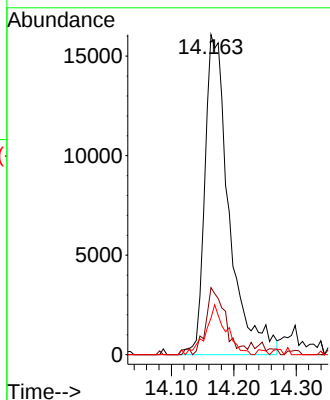
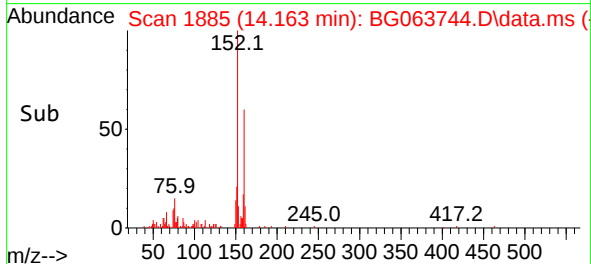
Instrument :
BNA_G
ClientSampleId :
E2AP5



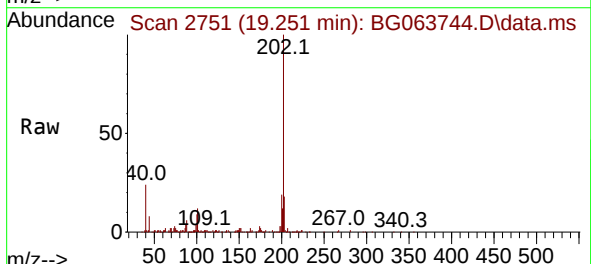
Tgt Ion:152 Resp: 4352
Ion Ratio Lower Upper
152 100
151 21.0 14.6 22.0
153 11.5 10.0 15.0

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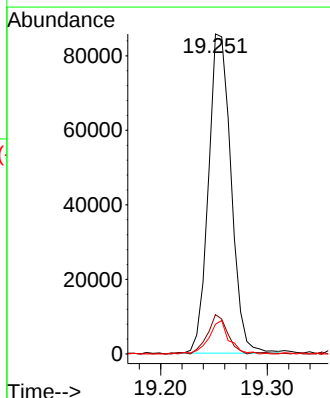
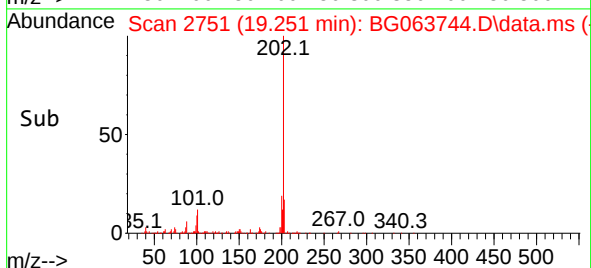
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/21/2024

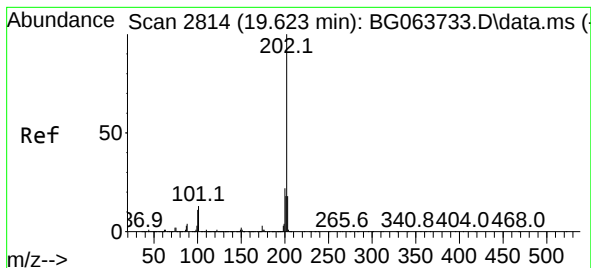


#80
Fluoranthene
Concen: 1.835 ng/ul
RT: 19.251 min Scan# 2751
Delta R.T. -0.018 min
Lab File: BG063744.D
Acq: 19 Dec 2024 2:55



Tgt Ion:202 Resp: 126252
Ion Ratio Lower Upper
202 100
101 12.3 8.1 12.1#
100 9.3 6.5 9.7





#82

Pyrene

Concen: 1.662 ng/ul

RT: 19.616 min Scan# 21

Delta R.T. -0.018 min

Lab File: BG063744.D

Acq: 19 Dec 2024 2:55

Instrument :

BNA_G

ClientSampleId :

E2AP5

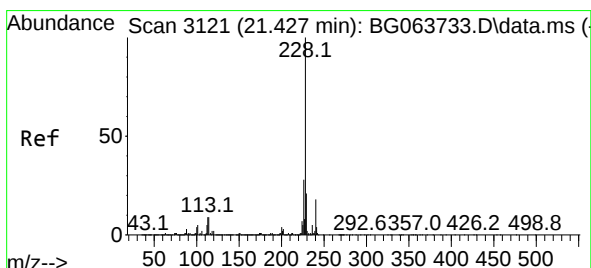
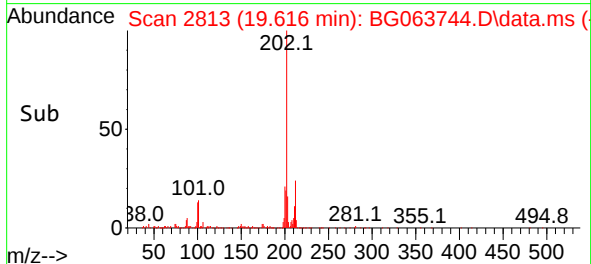
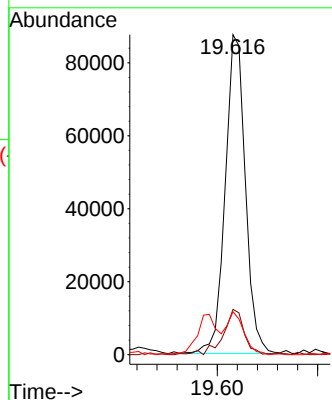
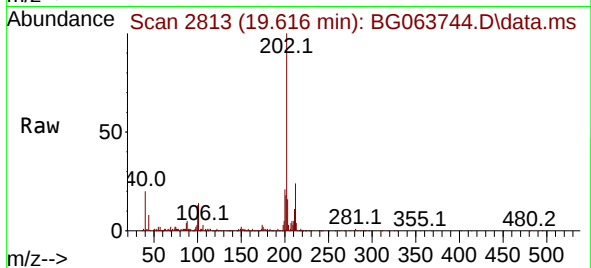
Tgt Ion:	202	Resp:	121654
Ion Ratio	Lower	Upper	
202	100		
101	14.1	8.7	13.1
100	13.4	7.8	11.6

Manual Integrations

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#85

Benzo(a)anthracene

Concen: 2.125 ng/ul

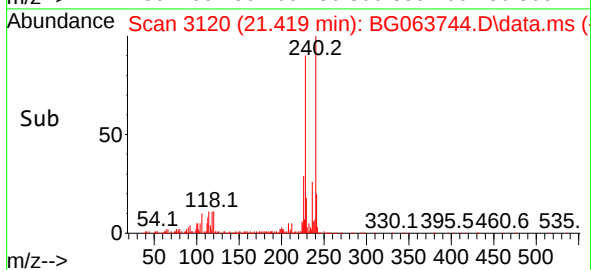
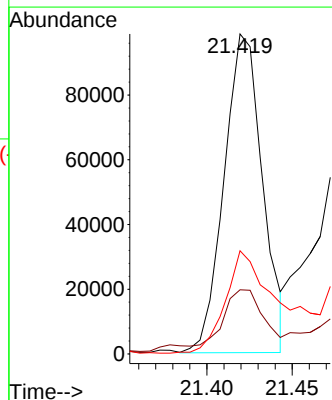
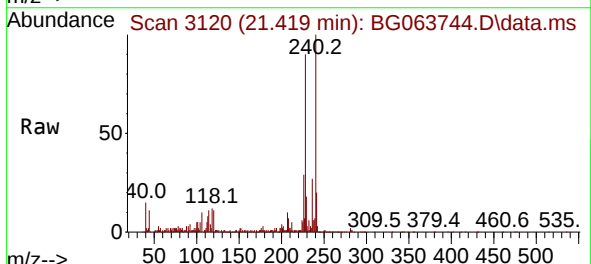
RT: 21.419 min Scan# 3120

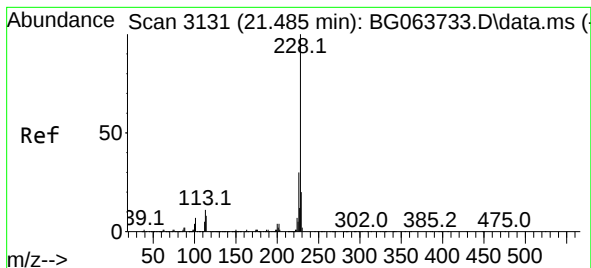
Delta R.T. -0.023 min

Lab File: BG063744.D

Acq: 19 Dec 2024 2:55

Tgt Ion:	228	Resp:	154920
Ion Ratio	Lower	Upper	
228	100		
229	20.1	15.7	23.5
226	32.3	22.0	33.0





#87

Chrysene

Concen: 2.130 ng/ul

RT: 21.484 min Scan# 31

Delta R.T. -0.018 min

Lab File: BG063744.D

Acq: 19 Dec 2024 2:55

Instrument :

BNA_G

ClientSampleId :

E2AP5

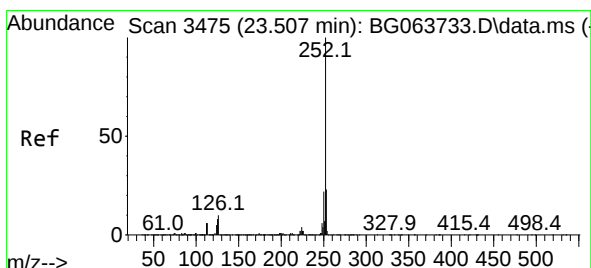
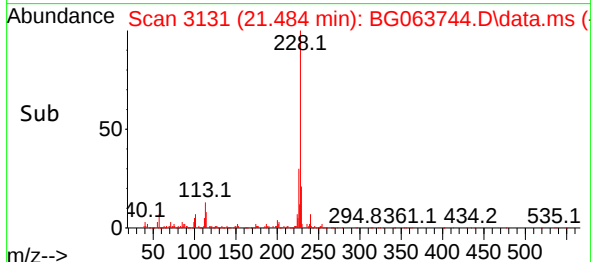
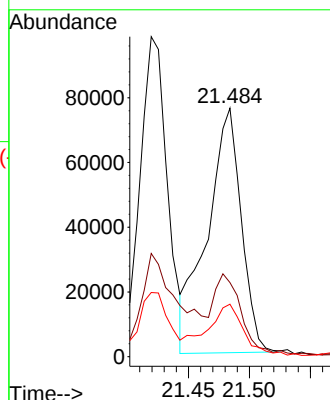
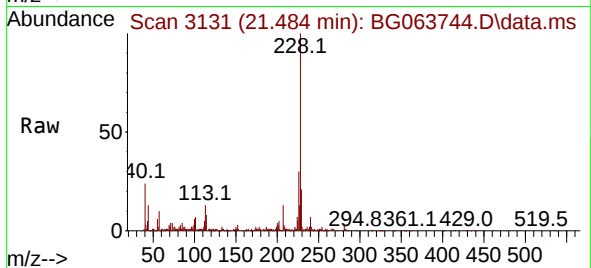
Tgt Ion:	228	Resp:	14798
Ion Ratio	Lower	Upper	
228	100		
226	29.8	23.4	35.0
229	21.1	14.8	22.2

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Supervised By :mohammad ahmed 12/21/2024



#90

Benzo(b)fluoranthene

Concen: 5.805 ng/ul

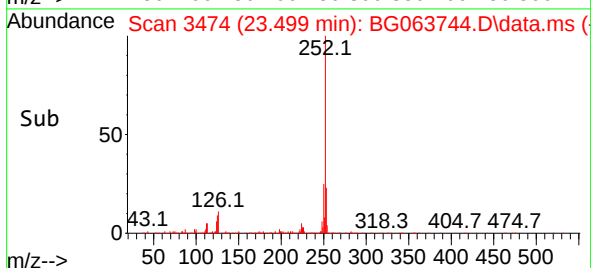
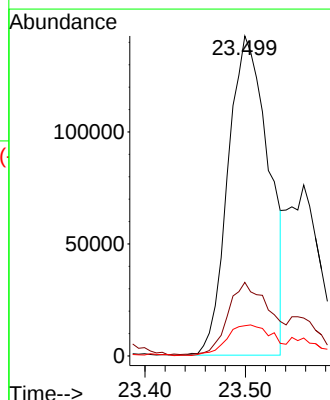
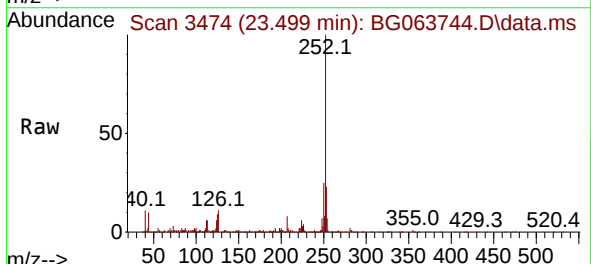
RT: 23.499 min Scan# 3474

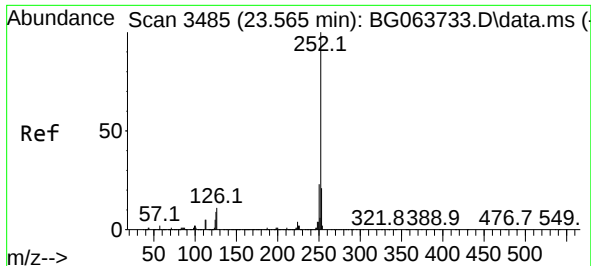
Delta R.T. -0.023 min

Lab File: BG063744.D

Acq: 19 Dec 2024 2:55

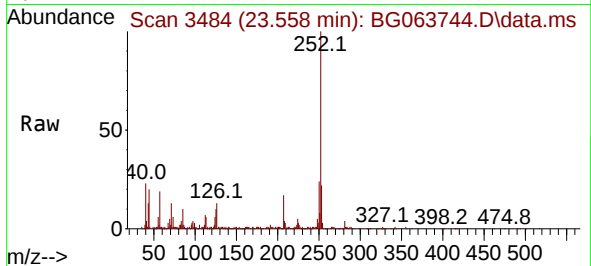
Tgt Ion:	252	Resp:	399080
Ion Ratio	Lower	Upper	
252	100		
253	23.0	17.7	26.5
125	9.5	7.0	10.4





#91
Benzo(k)fluoranthene
Concen: 2.442 ng/ul m
RT: 23.558 min Scan# 3485
Delta R.T. -0.029 min
Lab File: BG063744.D
Acq: 19 Dec 2024 2:55

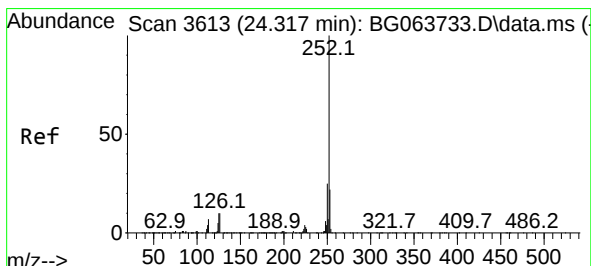
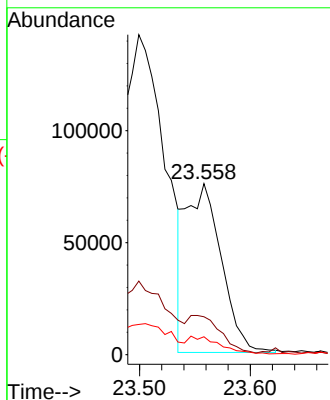
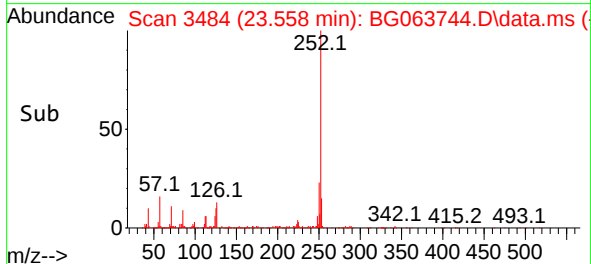
Instrument :
BNA_G
ClientSampleId :
E2AP5



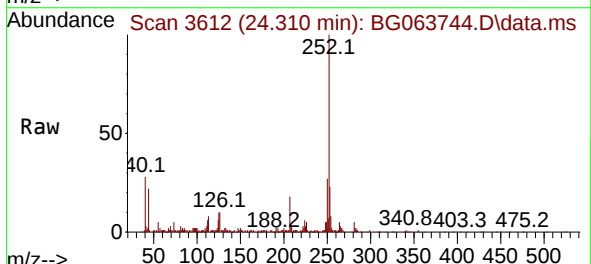
Tgt Ion:252 Resp: 167462
Ion Ratio Lower Upper
252 100
253 22.2 17.7 26.5
125 10.5 6.5 9.7

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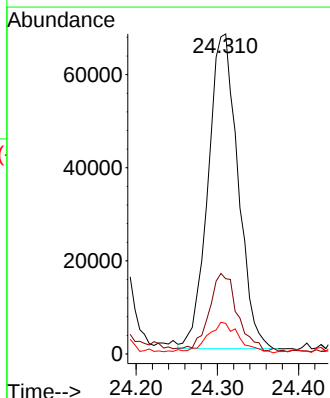
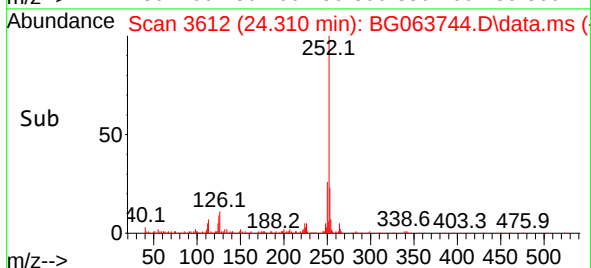
Reviewed By :Yogesh Patel 12/21/2024
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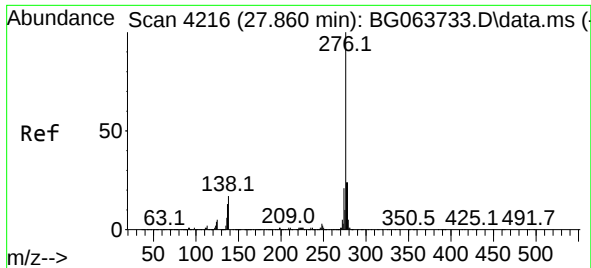


#93
Benzo(a)pyrene
Concen: 2.683 ng/ul
RT: 24.310 min Scan# 3612
Delta R.T. -0.029 min
Lab File: BG063744.D
Acq: 19 Dec 2024 2:55



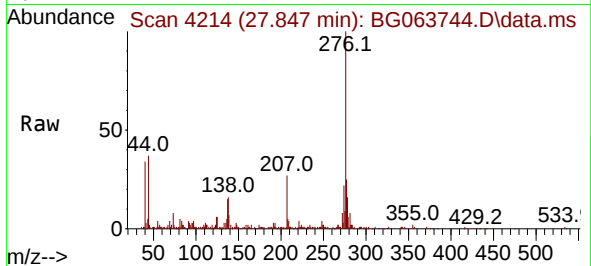
Tgt Ion:252 Resp: 173095
Ion Ratio Lower Upper
252 100
253 23.5 16.6 24.8
125 9.5 8.0 12.0





#94
 Indeno(1,2,3-cd)pyrene
 Concen: 2.310 ng/ul
 RT: 27.847 min Scan# 41
 Delta R.T. -0.041 min
 Lab File: BG063744.D
 Acq: 19 Dec 2024 2:55

Instrument :
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Tgt Ion:276 Resp: 182040
 Ion Ratio Lower Upper
 276 100
 138 22.7 13.7 20.5
 277 24.6 18.4 27.6

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