

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012924\
 Data File : BG060459.D
 Acq On : 29 Jan 2024 12:56
 Operator : MA/JU
 Sample : P1231-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BH6R9

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 01/30/2024
 Supervised By :mohammad ahmed 01/31/2024

Quant Time: Jan 29 13:34:37 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG012624.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jan 26 06:06:34 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.926	152	190272	20.000	ng/u1	0.00
20) Naphthalene-d8	10.728	136	827767	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.565	164	650577	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.309	188	1608656	20.000	ng/u1	0.00
79) Chrysene-d12	21.574	240	1460262	20.000	ng/u1	0.00
88) Perylene-d12	24.741	264	1635372	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.360	96	11973	3.153	ng/uL	0.00
4) Pyridine-d5	3.778	84	89970	7.490	ng/u1	0.00
7) Phenol-d5	7.085	99	269314	14.903	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.250	67	168903	14.874	ng/u1	0.00
11) 2-Chlorophenol-d4	7.456	132	179019	14.835	ng/u1	0.00
15) 4-Methylphenol-d8	8.631	113	188617	12.672	ng/u1	0.00
21) Nitrobenzene-d5	9.083	128	83027	13.597	ng/u1	0.00
24) 2-Nitrophenol-d4	9.806	143	99692	13.974	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.346	165	215469	14.523	ng/u1	0.00
31) 4-Chloroaniline-d4	10.869	131	51598m	2.651	ng/u1	0.00
46) Dimethylphthalate-d6	13.966	166	802173	15.068	ng/u1	0.00
49) Acenaphthylene-d8	14.253	160	923049	15.458	ng/u1	0.00
54) 4-Nitrophenol-d4	14.765	143	80051	10.499	ng/u1	0.00
60) Fluorene-d10	15.552	176	745287	15.978	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.669	200	97537	9.792	ng/u1	0.00
73) Anthracene-d10	17.409	188	1238487	16.241	ng/u1	0.00
81) Pyrene-d10	19.700	212	1265808	14.463	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.518	264	821215	9.573	ng/u1	0.00
Target Compounds					Qvalue	
6) Benzaldehyde	7.068	77	82575	12.022	ng/u1	98
8) Phenol	7.115	94	29663	1.570	ng/u1	97
16) Acetophenone	8.748	105	119302	5.029	ng/u1	96
50) Acenaphthylene	14.289	152	82287	1.249	ng/u1	96
72) Phenanthrene	17.356	178	101846	1.204	ng/u1	98
80) Fluoranthene	19.371	202	2141898	21.931	ng/u1	99
82) Pyrene	19.729	202	1472501	14.487	ng/u1	99
85) Benzo(a)anthracene	21.557	228	1406732	13.971	ng/u1	98
87) Chrysene	21.621	228	1168596	12.355	ng/u1	99
90) Benzo(b)fluoranthene	23.736	252	1596942	15.736	ng/u1#	98
91) Benzo(k)fluoranthene	23.795	252	733232m	7.075	ng/u1	
93) Benzo(a)pyrene	24.588	252	588886	6.032	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	28.331	276	513831	4.294	ng/u1	99
95) Dibenzo(a,h)anthracene	28.384	278	208042	2.131	ng/u1#	86

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

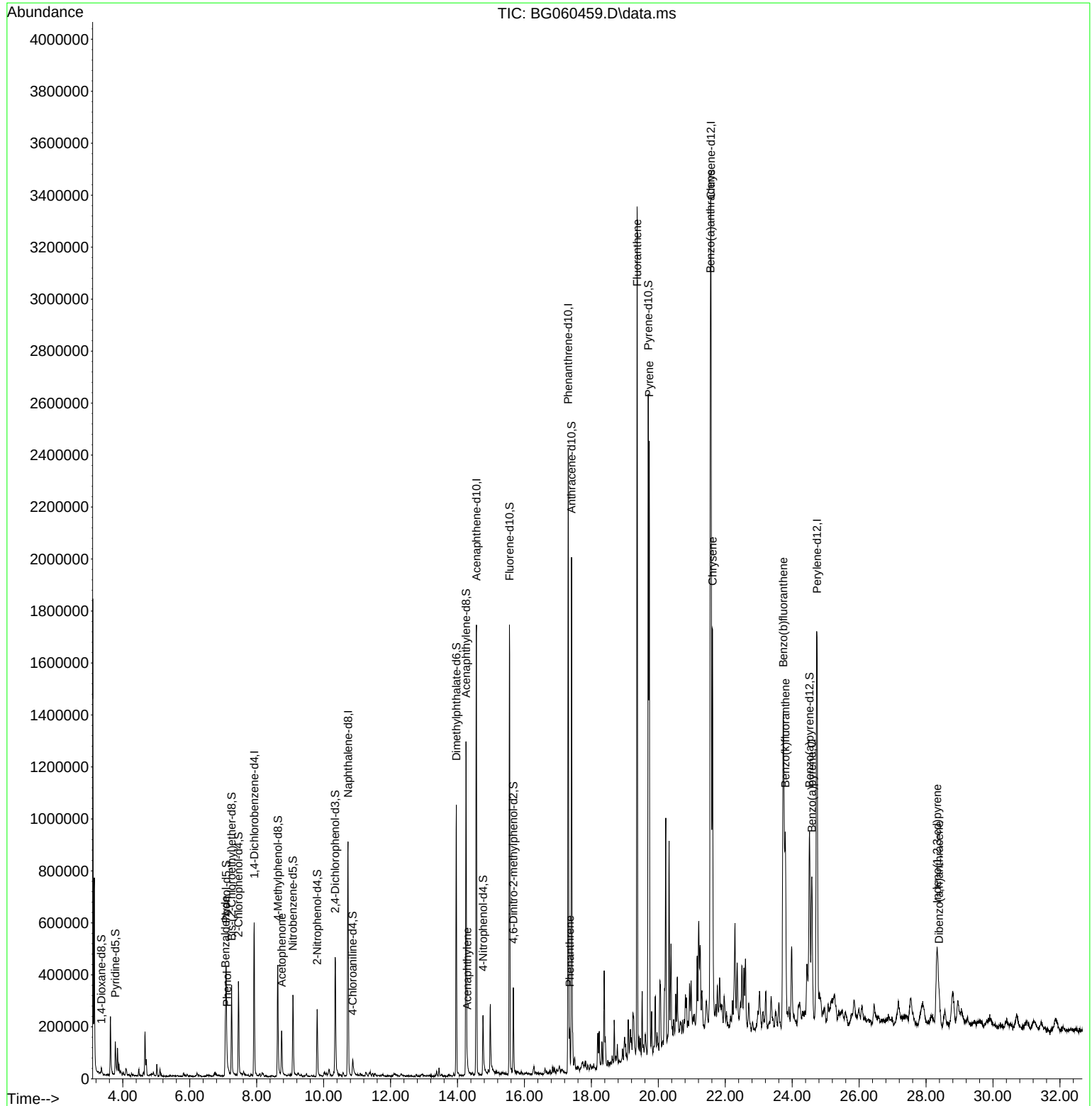
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012924\
Data File : BG060459.D
Acq On : 29 Jan 2024 12:56
Operator : MA/JU
Sample : P1231-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

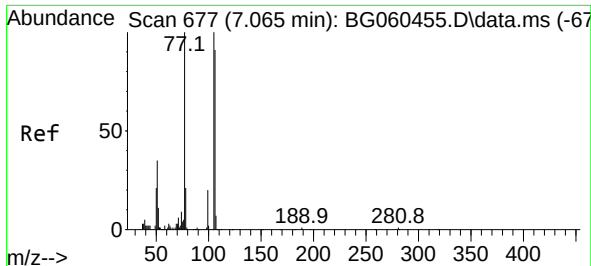
Instrument :
BNA_G
ClientSampleId :
BH6R9

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Supervised By :mohammad ahmed 01/31/2024

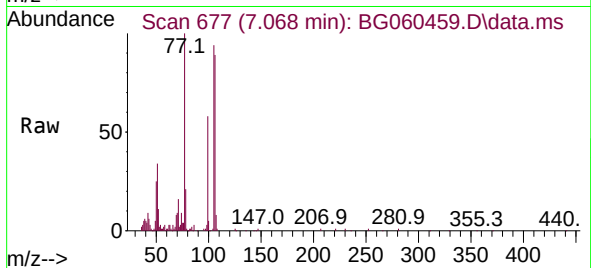
Quant Time: Jan 29 13:34:37 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG012624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 26 06:06:34 2024
Response via : Initial Calibration





#6
Benzaldehyde
Concen: 12.022 ng/ul
RT: 7.068 min Scan# 61
Delta R.T. 0.006 min
Lab File: BG060459.D
Acq: 29 Jan 2024 12:56

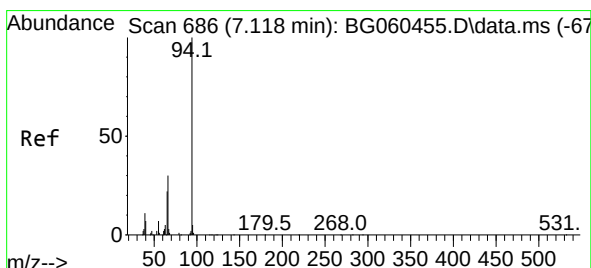
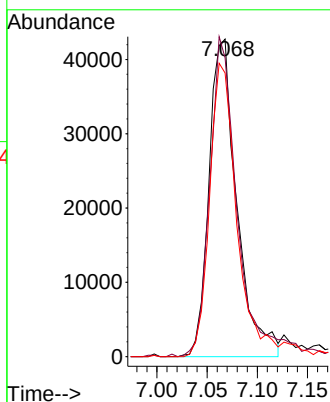
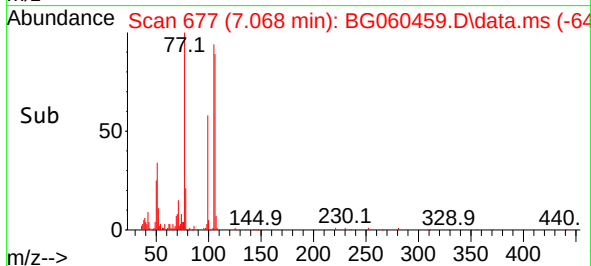
Instrument :
BNA_G
ClientSampleId :
BH6R9



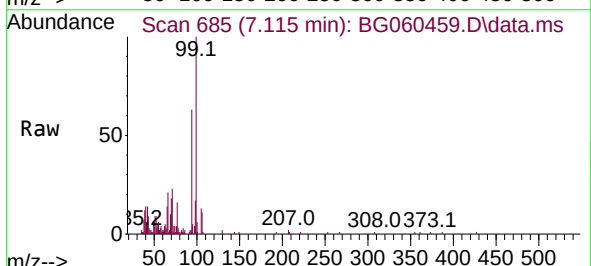
Tgt Ion: 77 Resp: 82575
Ion Ratio Lower Upper
77 100
105 94.1 73.1 109.7
106 89.3 71.1 106.7

Manual Integrations
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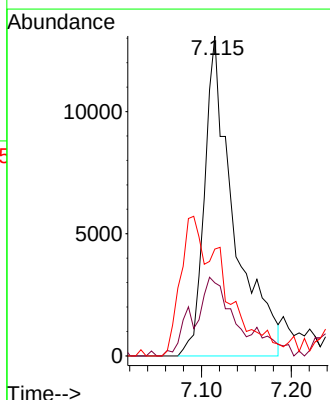
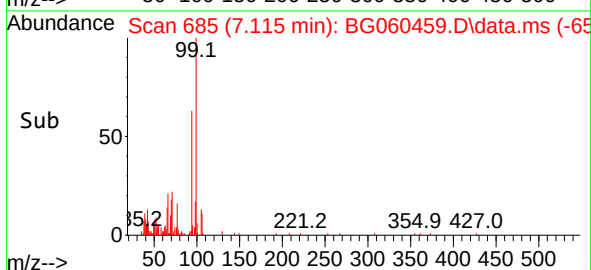
Reviewed By :Jagrut Upadhyay 01/30/2024
Supervised By :mohammad ahmed 01/31/2024

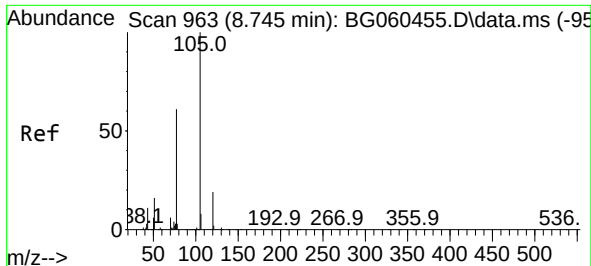


#8
Phenol
Concen: 1.570 ng/ul
RT: 7.115 min Scan# 685
Delta R.T. -0.000 min
Lab File: BG060459.D
Acq: 29 Jan 2024 12:56



Tgt Ion: 94 Resp: 29663
Ion Ratio Lower Upper
94 100
65 22.8 20.8 31.2
66 33.4 26.3 39.5





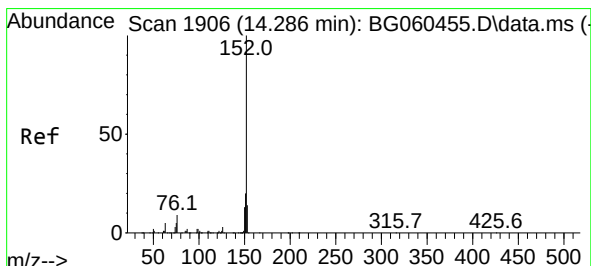
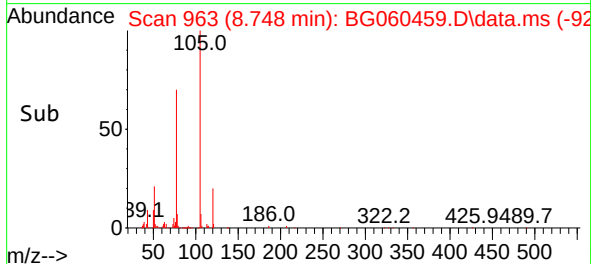
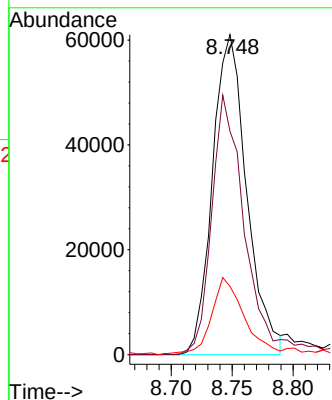
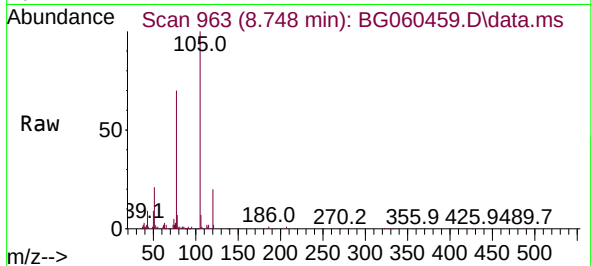
#16
Acetophenone
Concen: 5.029 ng/ul
RT: 8.748 min Scan# 963
Delta R.T. -0.000 min
Lab File: BG060459.D
Acq: 29 Jan 2024 12:56

Instrument :
BNA_G
ClientSampleId :
BH6R9

Tgt Ion:105 Resp: 119302
Ion Ratio Lower Upper
105 100
77 69.8 59.1 88.7
51 21.3 18.2 27.2

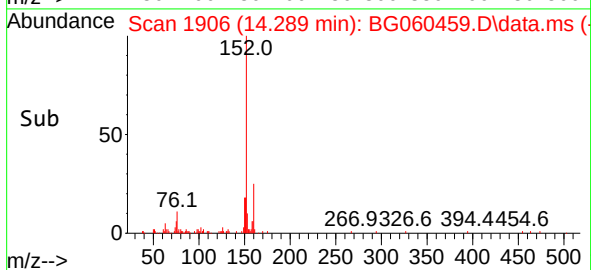
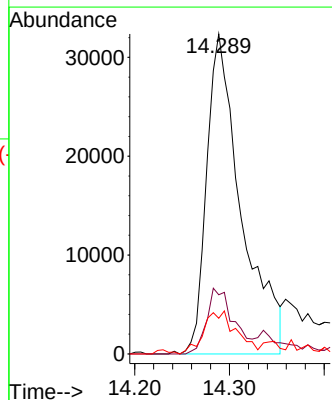
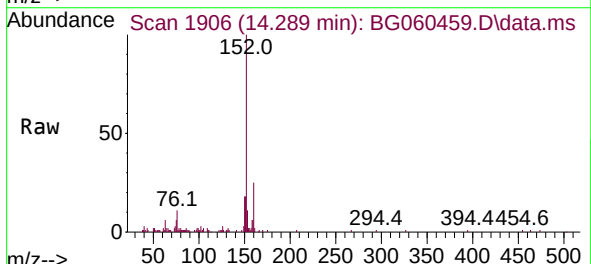
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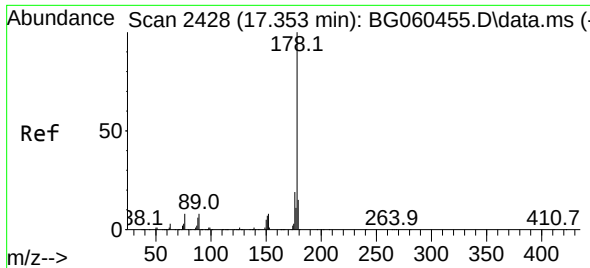
Reviewed By :Jagrut Upadhyay 01/30/2024
Supervised By :mohammad ahmed 01/31/2024



#50
Acenaphthylene
Concen: 1.249 ng/ul
RT: 14.289 min Scan# 1906
Delta R.T. 0.006 min
Lab File: BG060459.D
Acq: 29 Jan 2024 12:56

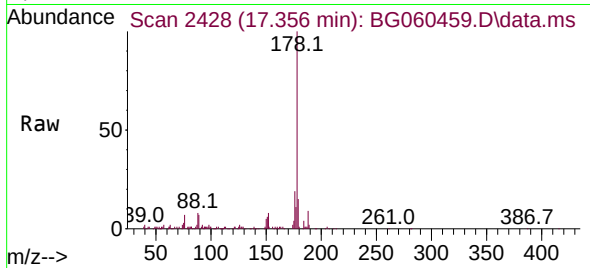
Tgt Ion:152 Resp: 82287
Ion Ratio Lower Upper
152 100
151 18.5 16.3 24.5
153 11.1 10.4 15.6





#72
Phenanthrene
Concen: 1.204 ng/ul
RT: 17.356 min Scan# 2428
Delta R.T. 0.006 min
Lab File: BG060459.D
Acq: 29 Jan 2024 12:56

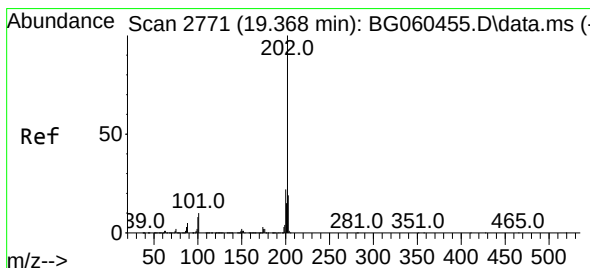
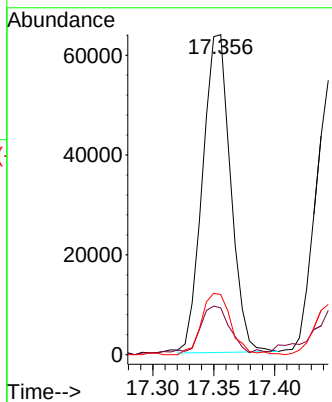
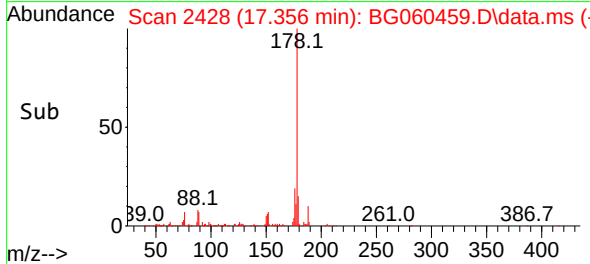
Instrument :
BNA_G
ClientSampleId :
BH6R9



Tgt Ion:178 Resp: 101846
Ion Ratio Lower Upper
178 100
179 14.6 12.7 19.1
176 18.8 15.7 23.5

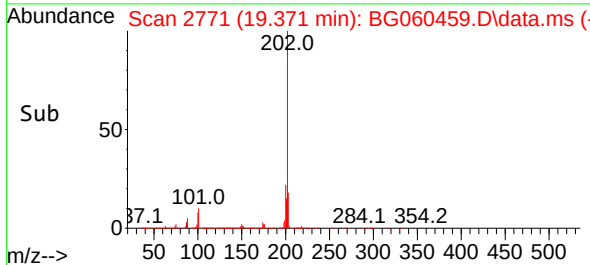
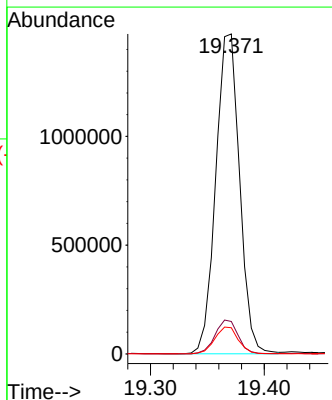
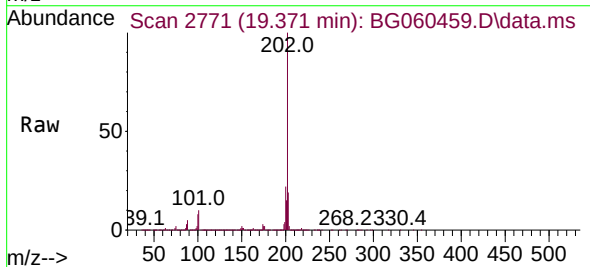
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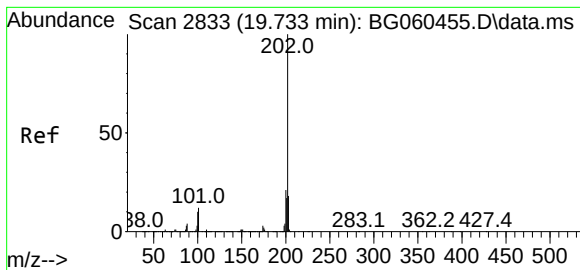
Reviewed By :Jagrut Upadhyay 01/30/2024
Supervised By :mohammad ahmed 01/31/2024



#80
Fluoranthene
Concen: 21.931 ng/ul
RT: 19.371 min Scan# 2771
Delta R.T. 0.006 min
Lab File: BG060459.D
Acq: 29 Jan 2024 12:56

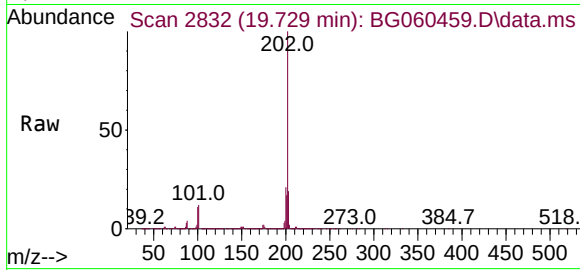
Tgt Ion:202 Resp: 2141898
Ion Ratio Lower Upper
202 100
101 10.1 7.9 11.9
100 8.2 6.4 9.6





#82
 Pyrene
 Concen: 14.487 ng/ul
 RT: 19.729 min Scan# 2832
 Delta R.T. -0.000 min
 Lab File: BG060459.D
 Acq: 29 Jan 2024 12:56

Instrument :
 BNA_G
 ClientSampleId :
 BH6R9

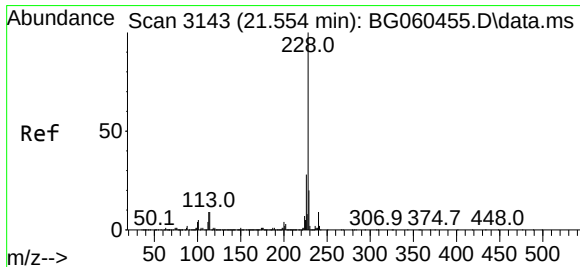
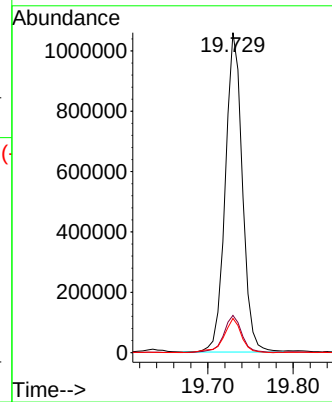
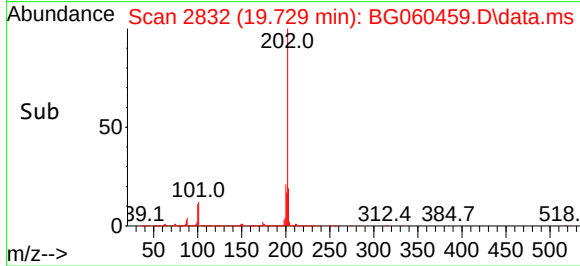


Tgt Ion:202 Resp: 1472501

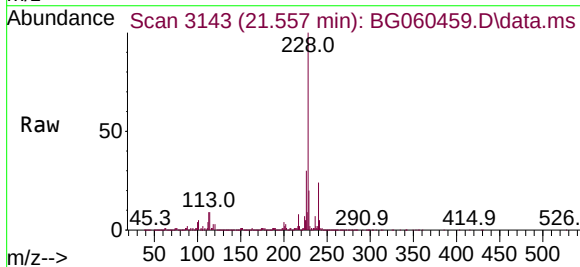
Ion	Ratio	Lower	Upper
202	100		
101	11.6	10.0	15.0
100	10.7	8.4	12.6

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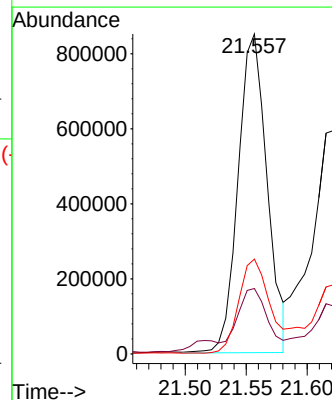
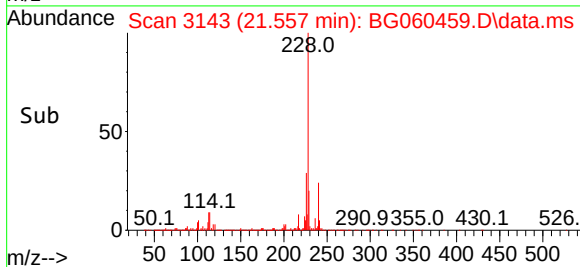


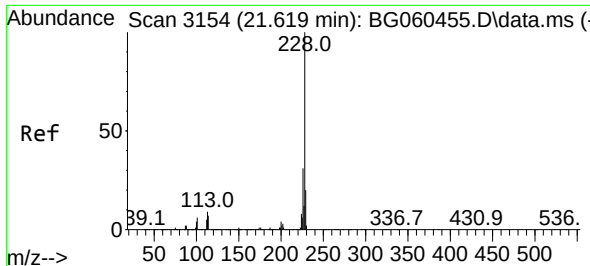
#85
 Benzo(a)anthracene
 Concen: 13.971 ng/ul
 RT: 21.557 min Scan# 3143
 Delta R.T. 0.006 min
 Lab File: BG060459.D
 Acq: 29 Jan 2024 12:56



Tgt Ion:228 Resp: 1406732

Ion	Ratio	Lower	Upper
228	100		
229	20.4	16.2	24.2
226	29.6	22.1	33.1





#87

Chrysene

Concen: 12.355 ng/ul

RT: 21.621 min Scan# 3154

Delta R.T. 0.006 min

Lab File: BG060459.D

Acq: 29 Jan 2024 12:56

Instrument :

BNA_G

ClientSampleId :

BH6R9

Tgt Ion:228 Resp: 1168596

Ion Ratio Lower Upper

228 100

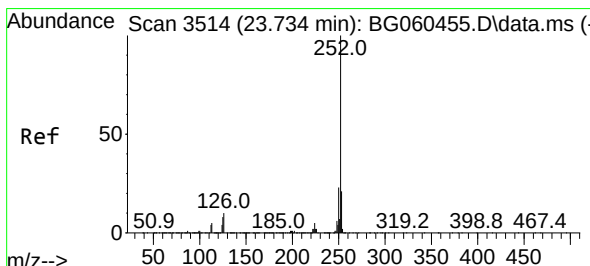
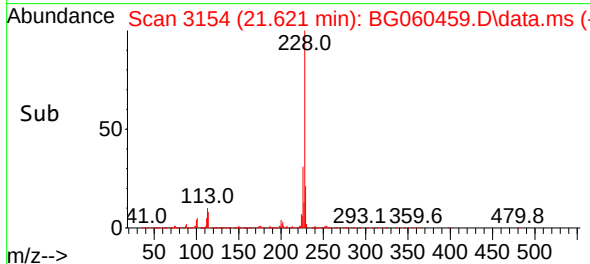
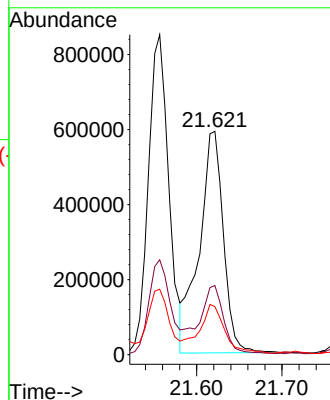
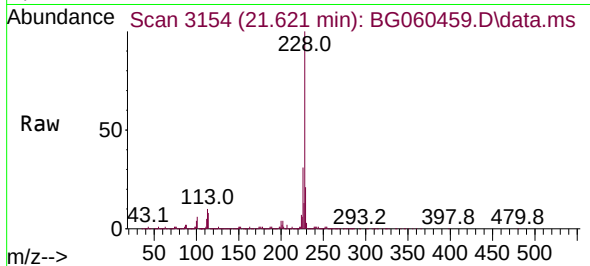
226 30.9 25.0 37.6

229 21.5 16.2 24.4

Manual Integrations

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Supervised By :mohammad ahmed 01/31/2024



#90

Benzo(b)fluoranthene

Concen: 15.736 ng/ul

RT: 23.736 min Scan# 3514

Delta R.T. 0.012 min

Lab File: BG060459.D

Acq: 29 Jan 2024 12:56

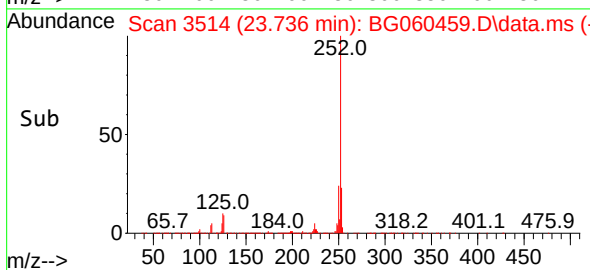
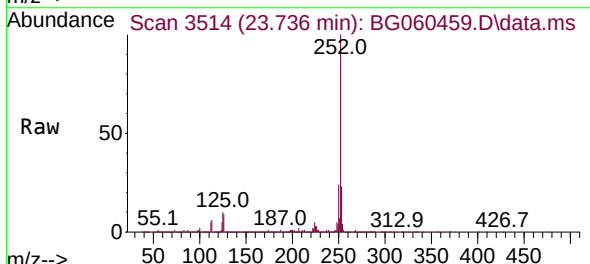
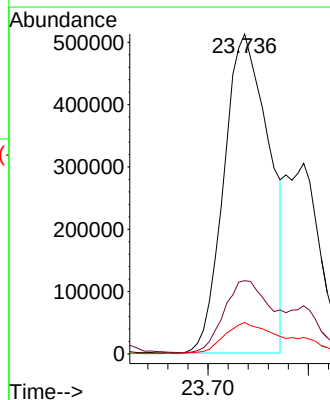
Tgt Ion:252 Resp: 1596942

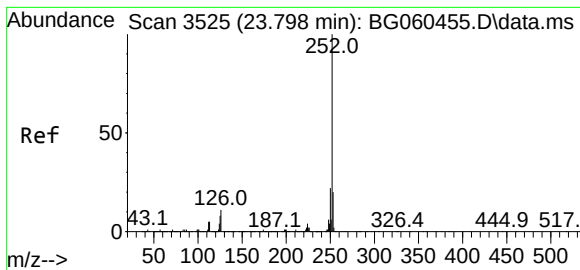
Ion Ratio Lower Upper

252 100

253 22.9 18.0 27.0

125 9.8 6.2 9.4#





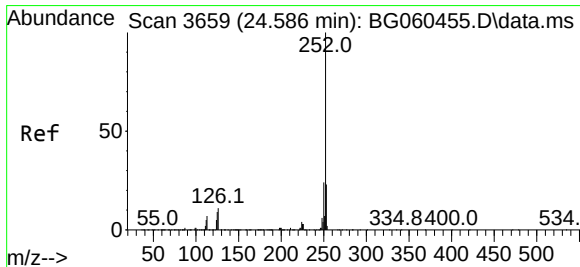
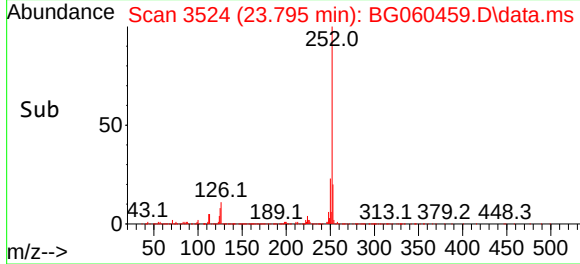
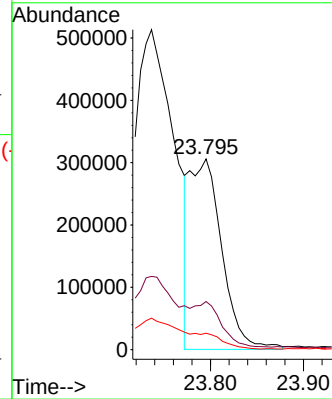
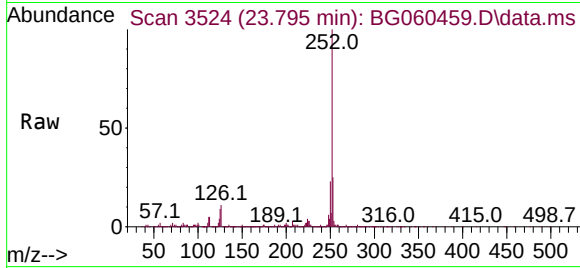
#91
Benzo(k)fluoranthene
Concen: 7.075 ng/ul m
RT: 23.795 min Scan# 3525
Delta R.T. 0.006 min
Lab File: BG060459.D
Acq: 29 Jan 2024 12:56

Instrument :
BNA_G
ClientSampleId :
BH6R9

Tgt Ion:252 Resp: 733232
Ion Ratio Lower Upper
252 100
253 25.2 17.8 26.8
125 8.6 6.8 10.2

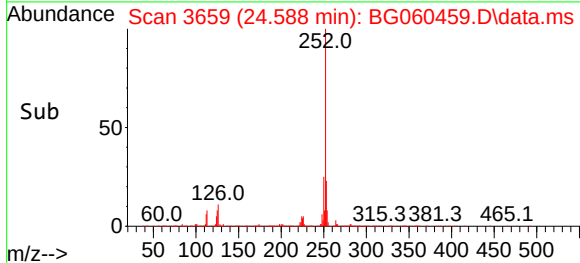
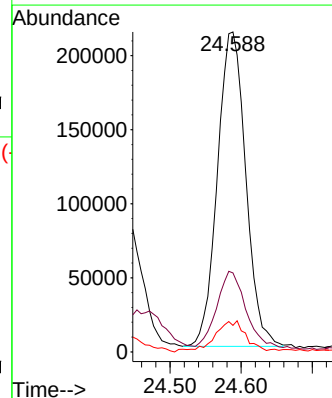
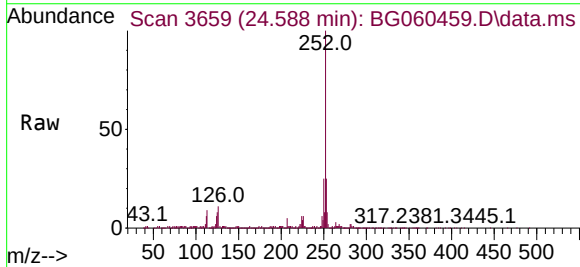
Manual Integrations
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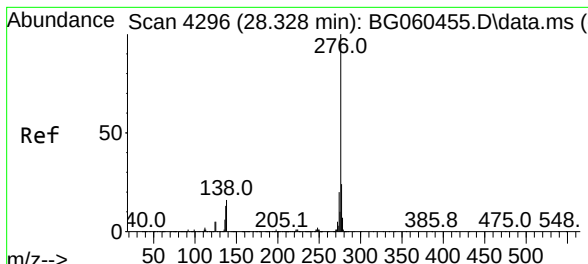
Reviewed By :Jagrut Upadhyay 01/30/2024
Supervised By :mohammad ahmed 01/31/2024



#93
Benzo(a)pyrene
Concen: 6.032 ng/ul
RT: 24.588 min Scan# 3659
Delta R.T. 0.006 min
Lab File: BG060459.D
Acq: 29 Jan 2024 12:56

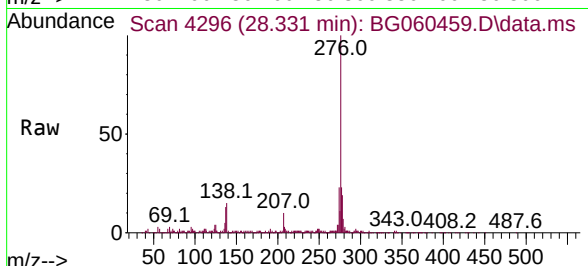
Tgt Ion:252 Resp: 588886
Ion Ratio Lower Upper
252 100
253 24.7 18.3 27.5
125 8.3 7.4 11.0





#94
 Indeno(1,2,3-cd)pyrene
 Concen: 4.294 ng/ul
 RT: 28.331 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: BG060459.D
 Acq: 29 Jan 2024 12:56

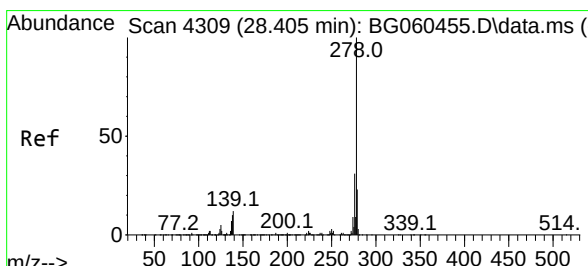
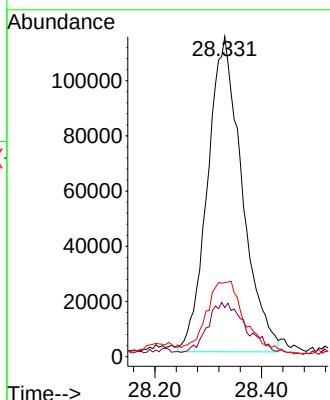
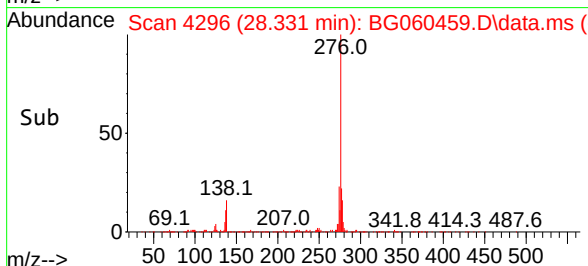
Instrument :
 BNA_G
 ClientSampleId :
 BH6R9



Tgt Ion:	276	Resp:	51383
Ion Ratio	Lower	Upper	
276	100		
138	15.3	13.0	19.4
277	23.1	18.9	28.3

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 01/30/2024
 Supervised By :mohammad ahmed 01/31/2024



#95
 Dibenzo(a,h)anthracene
 Concen: 2.131 ng/ul
 RT: 28.384 min Scan# 4305
 Delta R.T. -0.006 min
 Lab File: BG060459.D
 Acq: 29 Jan 2024 12:56

Tgt Ion:	278	Resp:	208042
Ion Ratio	Lower	Upper	
278	100		
139	14.7	9.9	14.9
279	32.8	18.9	28.3

