

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122324\
 Data File : BG063823.D
 Acq On : 24 Dec 2024 17:21
 Operator : RC/JU
 Sample : P5333-03
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E2906

Manual Integrations
 APPROVED

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

Quant Time: Dec 25 01:41:53 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	7.799	152	113265	20.000	ng/u1	0.00
20) Naphthalene-d8	10.590	136	480106	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.438	164	386020	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.194	188	898188	20.000	ng/u1	0.00
79) Chrysene-d12	21.442	240	855369	20.000	ng/u1	0.00
88) Perylene-d12	24.450	264	913551	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.257	96	8093	2.800	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	6.988	99	175620	16.835	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.129	67	114745	15.926	ng/u1	0.00
11) 2-Chlorophenol-d4	7.341	132	111109	16.452	ng/u1	0.00
15) 4-Methylphenol-d8	8.522	113	96308	11.891	ng/u1	0.00
21) Nitrobenzene-d5	8.951	128	61503	17.941	ng/u1	0.00
24) 2-Nitrophenol-d4	9.673	143	70830	18.433	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.226	165	133568	17.954	ng/u1	0.00
31) 4-Chloroaniline-d4	10.725	131	52585m	5.567	ng/u1	0.00
46) Dimethylphthalate-d6	13.845	166	505362	19.239	ng/u1	0.00
49) Acenaphthylene-d8	14.133	160	487816	16.292	ng/u1	0.00
54) 4-Nitrophenol-d4	14.679	143	67715	18.195	ng/u1	0.01
60) Fluorene-d10	15.437	176	359372	15.474	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.572	200	51358	11.013	ng/u1	0.00
73) Anthracene-d10	17.288	188	597846	15.482	ng/u1	0.00
81) Pyrene-d10	19.591	212	507322	11.398	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.245	264	261318	6.091	ng/u1	0.00
Target Compounds						
					Qvalue	
8) Phenol	7.018	94	28559	2.569	ng/u1#	85
16) Acetophenone	8.616	105	124345	9.052	ng/u1	88
30) Naphthalene	10.637	128	69579	2.899	ng/u1#	94
36) 2-Methylnaphthalene	12.253	142	38199	2.214	ng/u1	95
37) 1-Methylnaphthalene	12.470	142	25999m	1.480	ng/u1	
47) Dimethylphthalate	13.892	163	36586	1.390	ng/u1	97
52) Acenaphthene	14.503	153	133612	5.871	ng/u1	97
56) Dibenzofuran	14.838	168	178765	5.572	ng/u1	96
61) Fluorene	15.490	166	94928	3.706	ng/u1	94
72) Phenanthrene	17.235	178	2728967	63.049	ng/u1	98
74) Anthracene	17.323	178	239282	5.462	ng/u1	99
77) Carbazole	17.599	167	229638	6.476	ng/u1	98
80) Fluoranthene	19.256	202	2905558	57.432	ng/u1	95
82) Pyrene	19.621	202	1851735	34.403	ng/u1#	94
85) Benzo(a)anthracene	21.424	228	1000812	18.670	ng/u1	97
87) Chrysene	21.483	228	1142051	22.353	ng/u1	97
90) Benzo(b)fluoranthene	23.504	252	1297242	24.984	ng/u1	98
91) Benzo(k)fluoranthene	23.563	252	488491m	9.432	ng/u1	
93) Benzo(a)pyrene	24.315	252	393165	8.067	ng/u1	96
94) Indeno(1,2,3-cd)pyrene	27.852	276	370918m	6.232	ng/u1	
95) Dibenzo(a,h)anthracene	27.870	278	145860m	3.063	ng/u1	

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

Instrument :

BNA_G

ClientSampleId :

E2906

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/26/2024

Supervised By :mohammad ahmed 12/26/2024

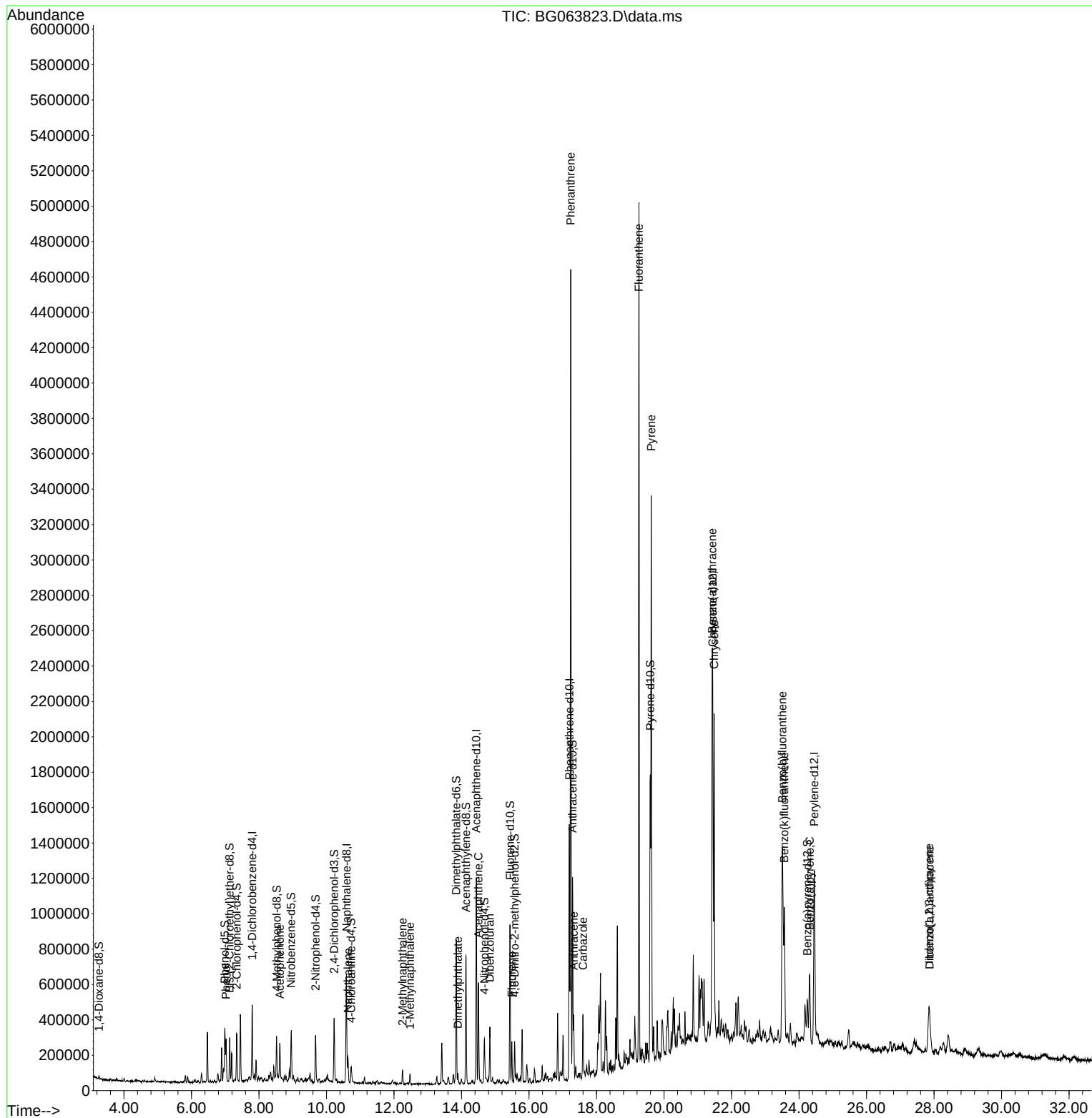
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122324\
Data File : BG063823.D
Acq On : 24 Dec 2024 17:21
Operator : RC/JU
Sample : P5333-03
Misc :
ALS Vial : 49 Sample Multiplier: 1

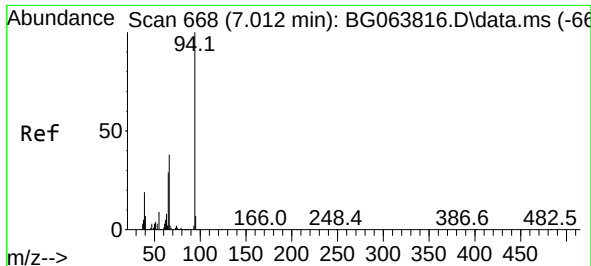
Instrument :
BNA_G
ClientSampleId :
E2906

Quant Time: Dec 25 01:41:53 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

Manual Integrations
APPROVED

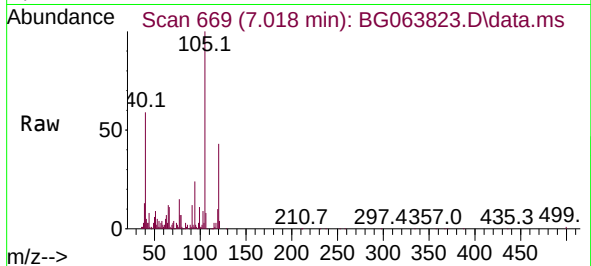
Reviewed By :Yogesh Patel 12/26/2024
Supervised By :mohammad ahmed 12/26/2024





#8
Phenol
Concen: 2.569 ng/ul
RT: 7.018 min Scan# 60
Delta R.T. 0.005 min
Lab File: BG063823.D
Acq: 24 Dec 2024 17:21

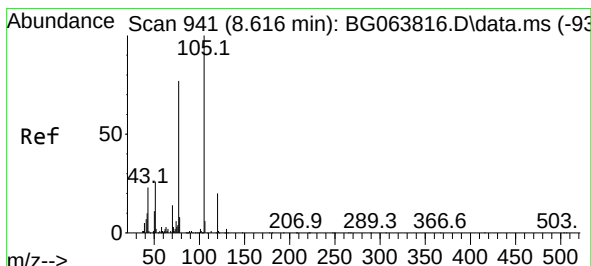
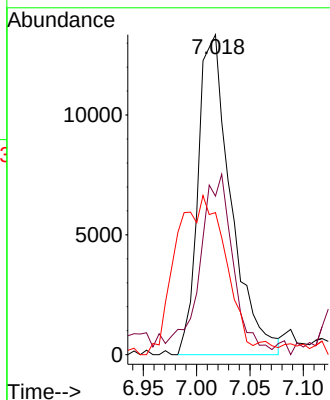
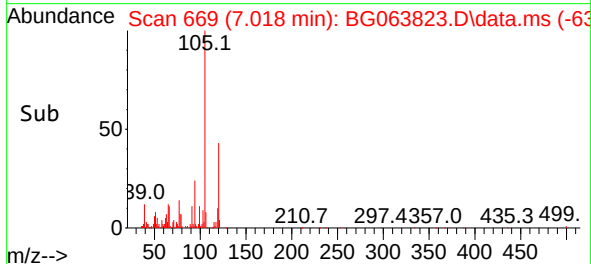
Instrument :
BNA_G
ClientSampleId :
E2906



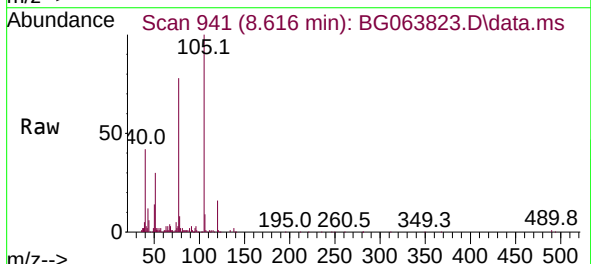
Tgt Ion: 94 Resp: 2855
Ion Ratio Lower Upper
94 100
65 49.5 25.6 38.4
66 44.4 34.2 51.2

Manual Integrations
APPROVED

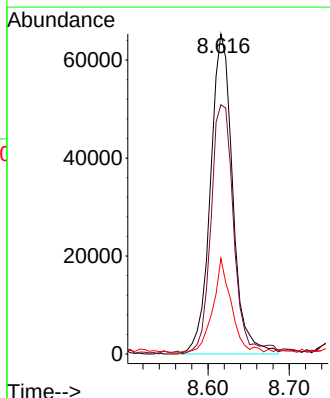
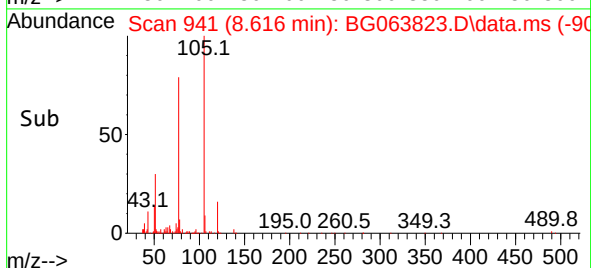
Reviewed By :Yogesh Patel 12/26/2024
Supervised By :mohammad ahmed 12/26/2024

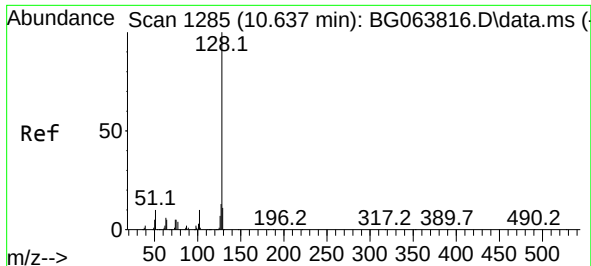


#16
Acetophenone
Concen: 9.052 ng/ul
RT: 8.616 min Scan# 941
Delta R.T. -0.001 min
Lab File: BG063823.D
Acq: 24 Dec 2024 17:21



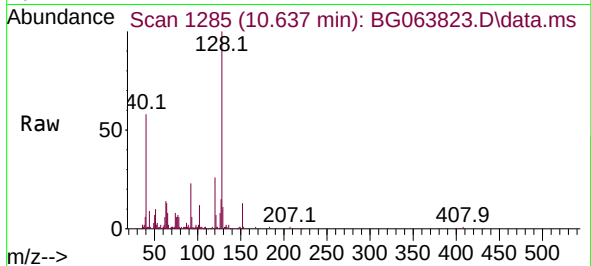
Tgt Ion:105 Resp: 124345
Ion Ratio Lower Upper
105 100
77 77.9 73.6 110.4
51 29.8 25.4 38.2





#30
Naphthalene
Concen: 2.899 ng/ul
RT: 10.637 min Scan# 1285
Delta R.T. -0.001 min
Lab File: BG063823.D
Acq: 24 Dec 2024 17:21

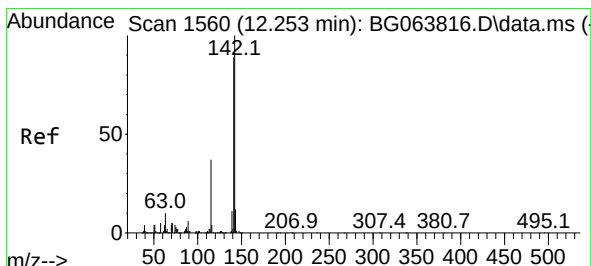
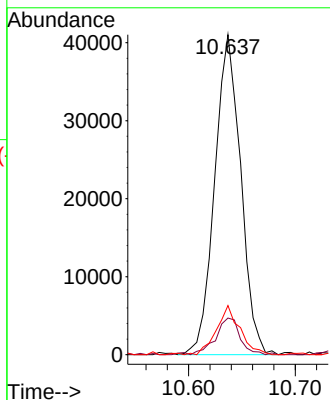
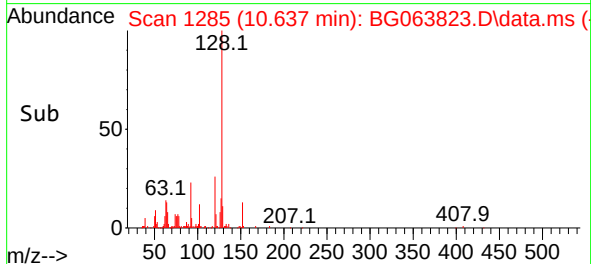
Instrument :
BNA_G
ClientSampleId :
E2906



Tgt Ion:128 Resp: 69579
Ion Ratio Lower Upper
128 100
129 11.4 8.2 12.2
127 15.4 9.8 14.8

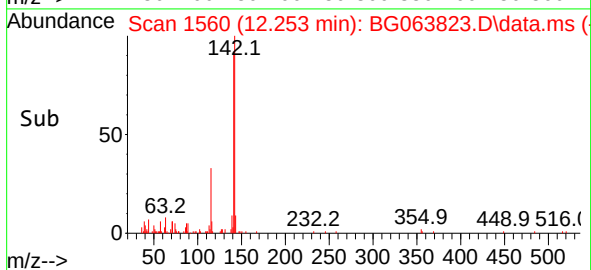
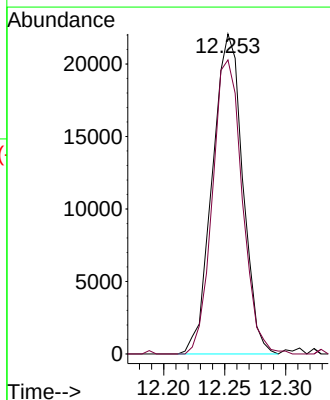
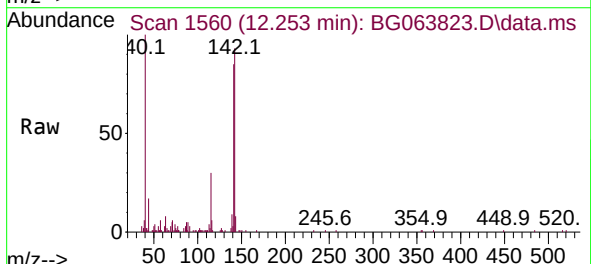
Manual Integrations
APPROVED

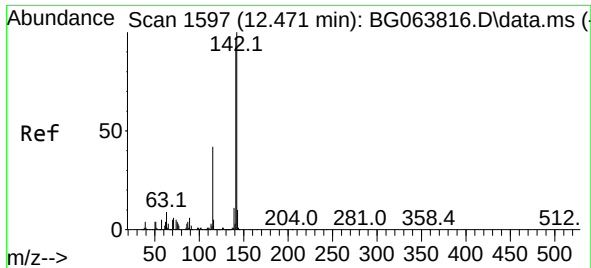
Reviewed By :Yogesh Patel 12/26/2024
Supervised By :mohammad ahmed 12/26/2024



#36
2-Methylnaphthalene
Concen: 2.214 ng/ul
RT: 12.253 min Scan# 1560
Delta R.T. -0.001 min
Lab File: BG063823.D
Acq: 24 Dec 2024 17:21

Tgt Ion:142 Resp: 38199
Ion Ratio Lower Upper
142 100
141 91.9 69.5 104.3





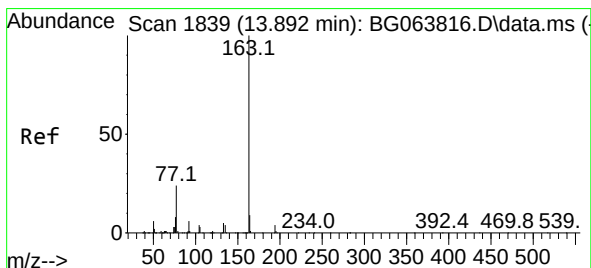
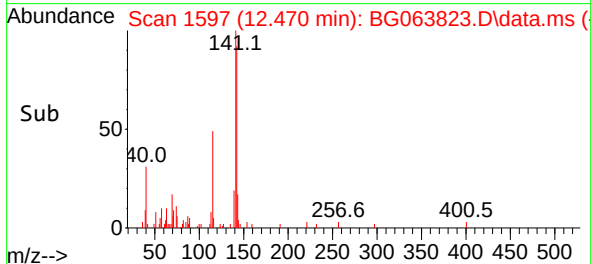
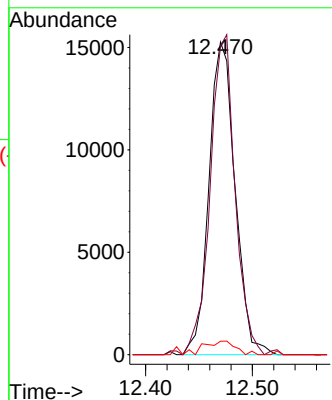
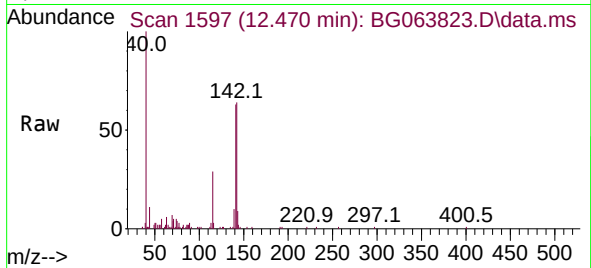
#37
1-Methylnaphthalene
Concen: 1.480 ng/ul m
RT: 12.470 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG063823.D
Acq: 24 Dec 2024 17:21

Instrument :
BNA_G
ClientSampleId :
E2906

Tgt Ion:142 Resp: 25998
Ion Ratio Lower Upper
142 100
141 98.7 73.8 110.6
116 4.3 3.5 5.3

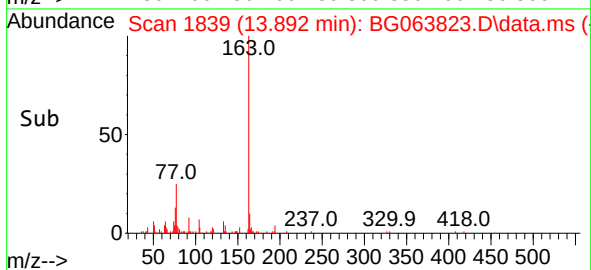
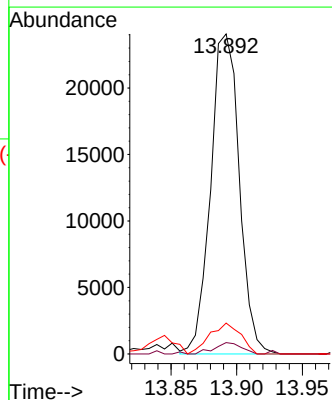
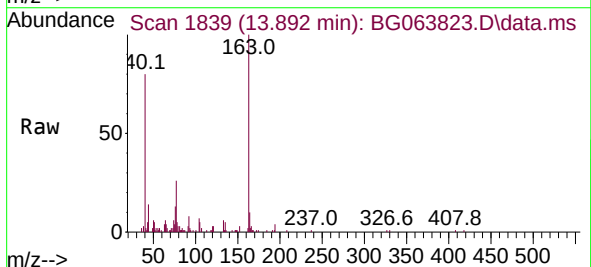
Manual Integrations
APPROVED

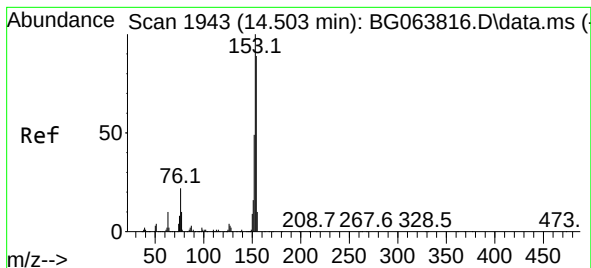
Reviewed By :Yogesh Patel 12/26/2024
Supervised By :mohammad ahmed 12/26/2024



#47
Dimethylphthalate
Concen: 1.390 ng/ul
RT: 13.892 min Scan# 1839
Delta R.T. -0.001 min
Lab File: BG063823.D
Acq: 24 Dec 2024 17:21

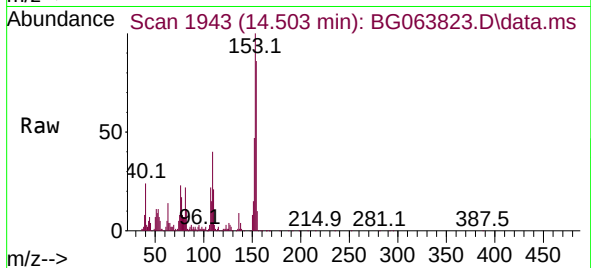
Tgt Ion:163 Resp: 36586
Ion Ratio Lower Upper
163 100
194 3.6 3.0 4.4
164 9.7 8.8 13.2





#52
Acenaphthene
Concen: 5.871 ng/ul
RT: 14.503 min Scan# 1943
Delta R.T. -0.001 min
Lab File: BG063823.D
Acq: 24 Dec 2024 17:21

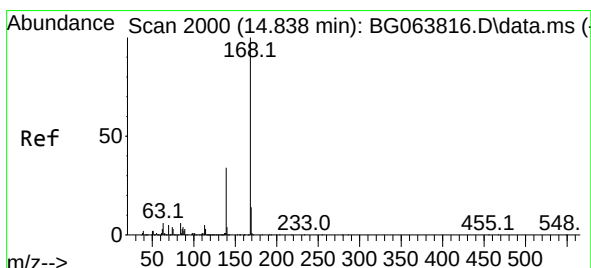
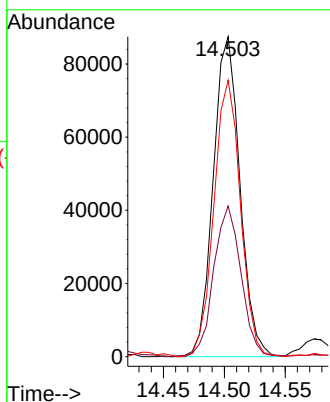
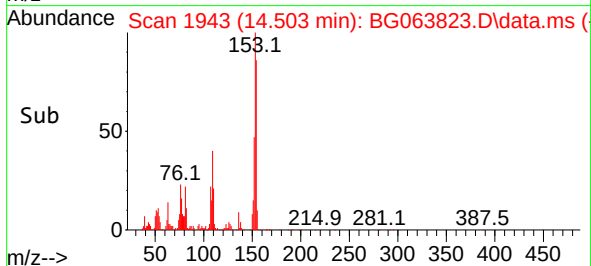
Instrument :
BNA_G
ClientSampleId :
E2906



Tgt Ion:153 Resp: 133612
Ion Ratio Lower Upper
153 100
152 47.1 40.2 60.4
154 86.4 70.8 106.2

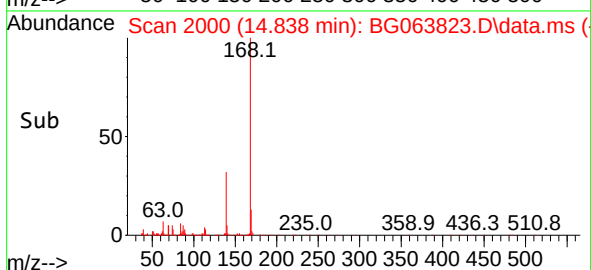
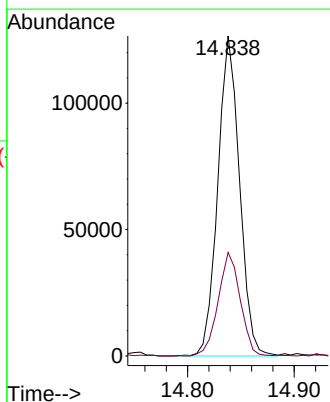
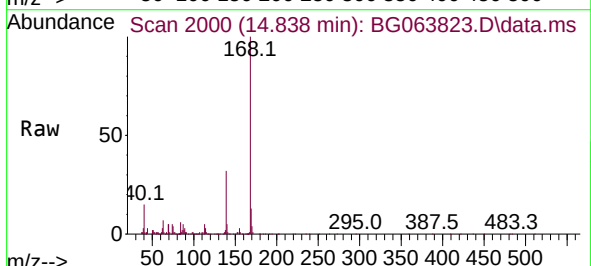
Manual Integrations
APPROVED

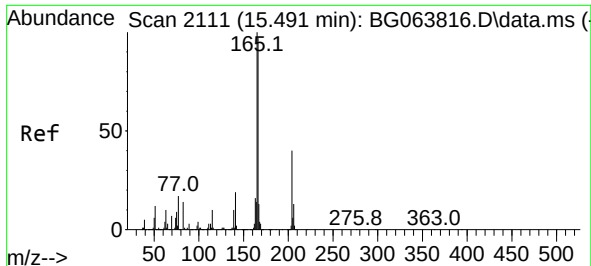
Reviewed By :Yogesh Patel 12/26/2024
Supervised By :mohammad ahmed 12/26/2024



#56
Dibenzofuran
Concen: 5.572 ng/ul
RT: 14.838 min Scan# 2000
Delta R.T. -0.001 min
Lab File: BG063823.D
Acq: 24 Dec 2024 17:21

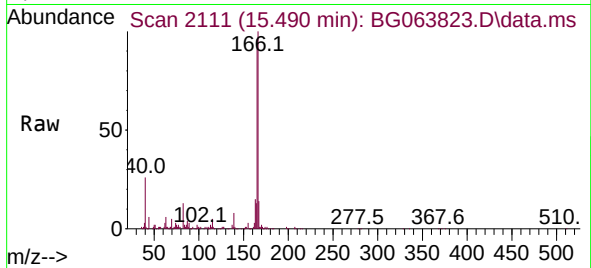
Tgt Ion:168 Resp: 178765
Ion Ratio Lower Upper
168 100
139 32.3 27.8 41.8





#61
Fluorene
Concen: 3.706 ng/u1
RT: 15.490 min Scan# 2111
Delta R.T. -0.001 min
Lab File: BG063823.D
Acq: 24 Dec 2024 17:21

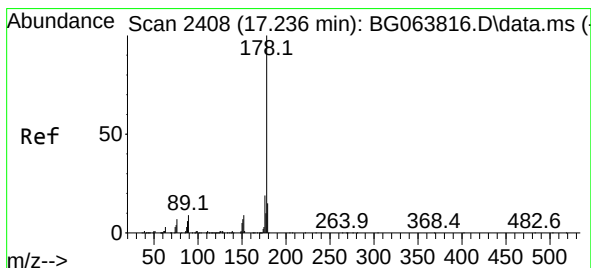
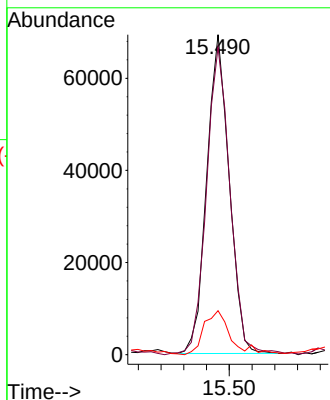
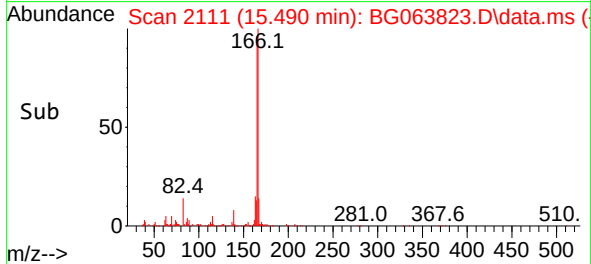
Instrument :
BNA_G
ClientSampleId :
E2906



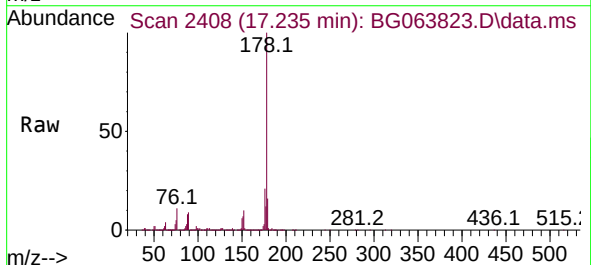
Tgt Ion:166 Resp: 94928
Ion Ratio Lower Upper
166 100
165 96.0 81.9 122.9
167 13.8 11.4 17.0

Manual Integrations
APPROVED

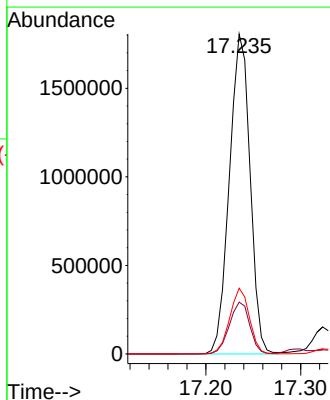
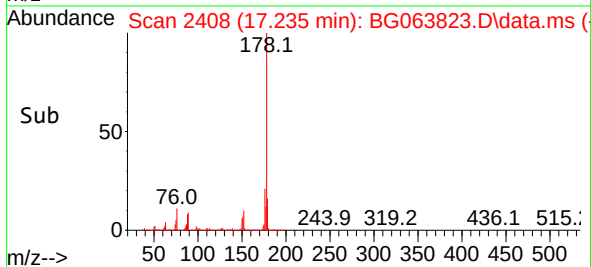
Reviewed By :Yogesh Patel 12/26/2024
Supervised By :mohammad ahmed 12/26/2024

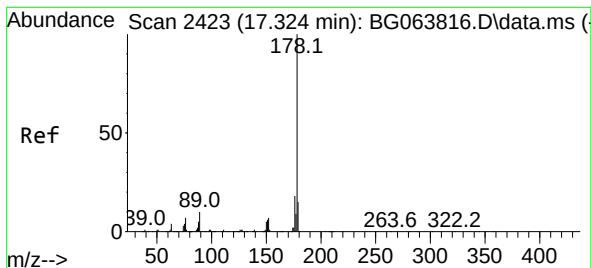


#72
Phenanthrene
Concen: 63.049 ng/u1
RT: 17.235 min Scan# 2408
Delta R.T. 0.005 min
Lab File: BG063823.D
Acq: 24 Dec 2024 17:21



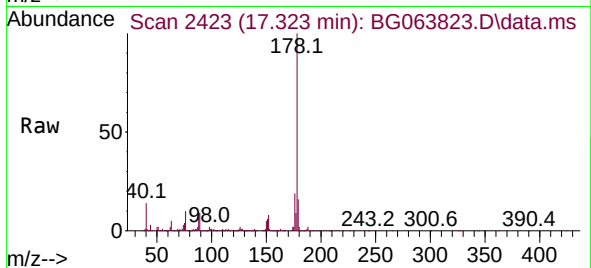
Tgt Ion:178 Resp: 2728967
Ion Ratio Lower Upper
178 100
179 16.2 12.2 18.2
176 20.6 15.8 23.6





#74
 Anthracene
 Concen: 5.462 ng/ul
 RT: 17.323 min Scan# 2423
 Delta R.T. -0.001 min
 Lab File: BG063823.D
 Acq: 24 Dec 2024 17:21

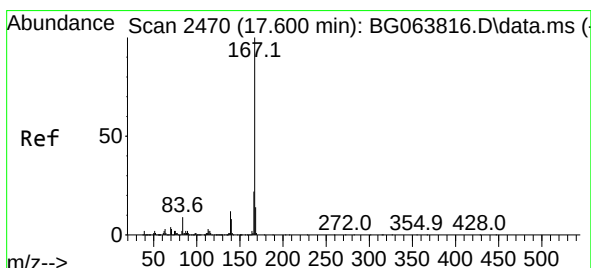
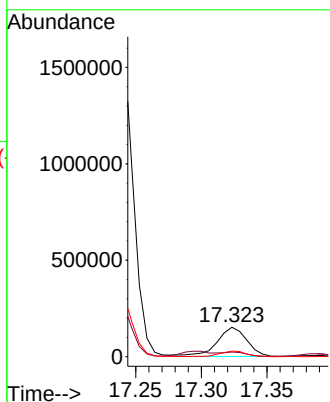
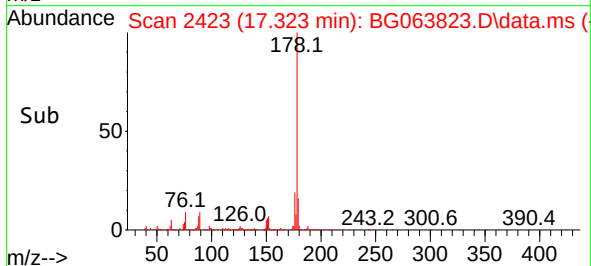
Instrument :
 BNA_G
 ClientSampleId :
 E2906



Tgt Ion:178 Resp: 23928
 Ion Ratio Lower Upper
 178 100
 179 15.5 12.4 18.6
 176 19.2 14.4 21.6

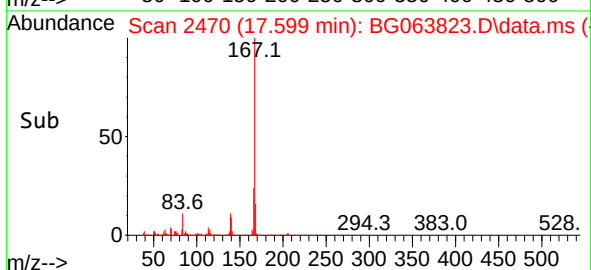
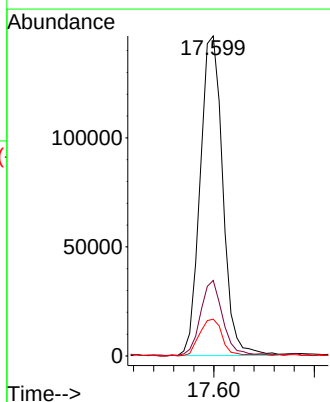
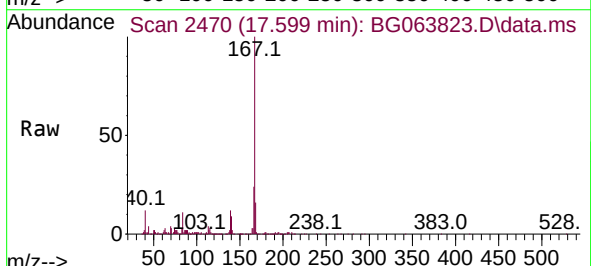
Manual Integrations
 APPROVED

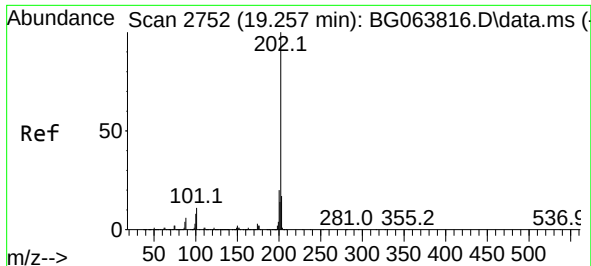
Reviewed By :Yogesh Patel 12/26/2024
 Supervised By :mohammad ahmed 12/26/2024



#77
 Carbazole
 Concen: 6.476 ng/ul
 RT: 17.599 min Scan# 2470
 Delta R.T. 0.005 min
 Lab File: BG063823.D
 Acq: 24 Dec 2024 17:21

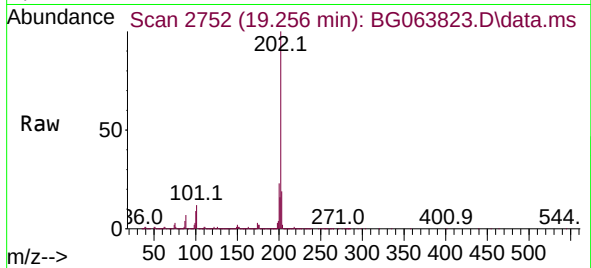
Tgt Ion:167 Resp: 229638
 Ion Ratio Lower Upper
 167 100
 166 23.6 18.2 27.4
 139 11.5 10.1 15.1





#80
Fluoranthene
Concen: 57.432 ng/u1
RT: 19.256 min Scan# 21
Delta R.T. 0.005 min
Lab File: BG063823.D
Acq: 24 Dec 2024 17:21

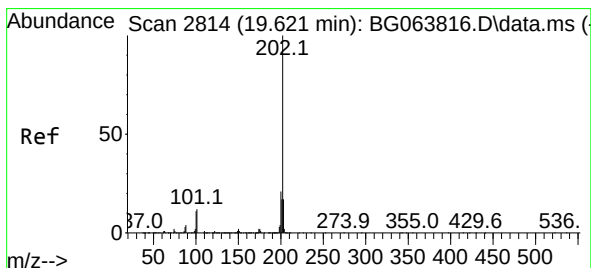
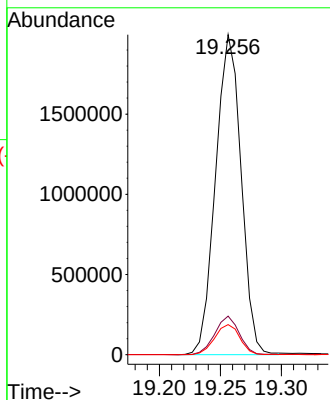
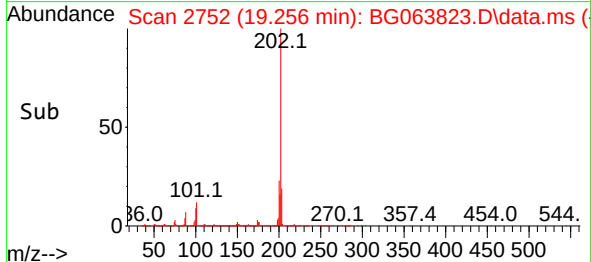
Instrument :
BNA_G
ClientSampleId :
E2906



Tgt Ion:202 Resp: 2905558
Ion Ratio Lower Upper
202 100
101 12.0 8.1 12.1
100 9.4 6.5 9.7

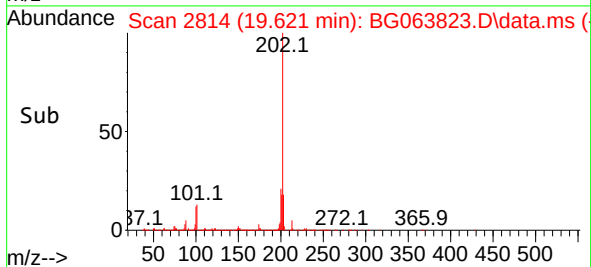
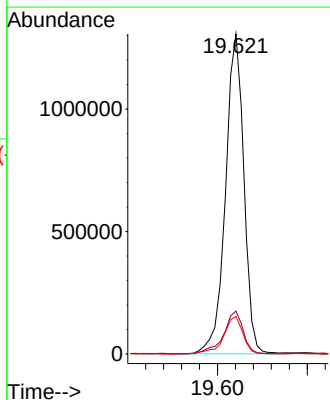
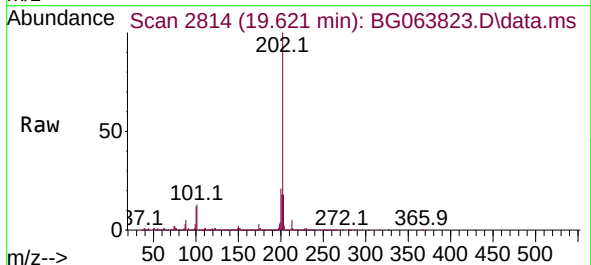
Manual Integrations
APPROVED

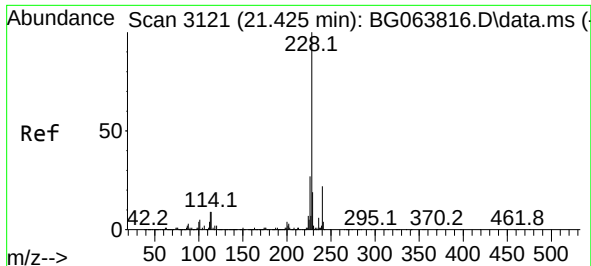
Reviewed By :Yogesh Patel 12/26/2024
Supervised By :mohammad ahmed 12/26/2024



#82
Pyrene
Concen: 34.403 ng/u1
RT: 19.621 min Scan# 2814
Delta R.T. 0.005 min
Lab File: BG063823.D
Acq: 24 Dec 2024 17:21

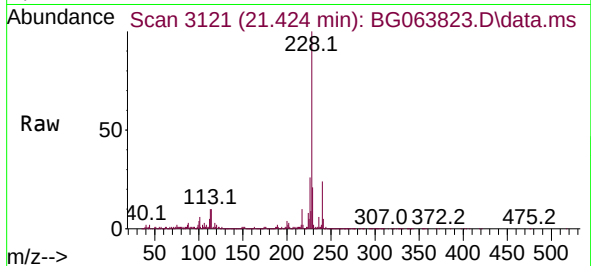
Tgt Ion:202 Resp: 1851735
Ion Ratio Lower Upper
202 100
101 13.4 8.7 13.1#
100 11.7 7.8 11.6#





#85
Benzo(a)anthracene
Concen: 18.670 ng/u1
RT: 21.424 min Scan# 3121
Delta R.T. 0.005 min
Lab File: BG063823.D
Acq: 24 Dec 2024 17:21

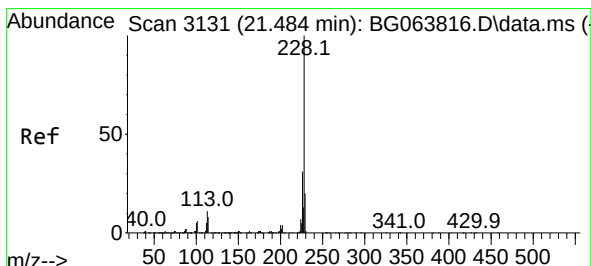
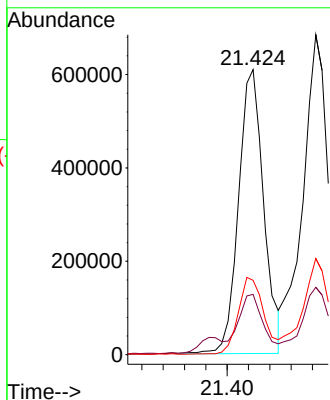
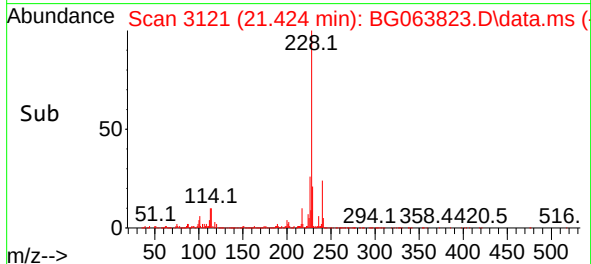
Instrument :
BNA_G
ClientSampleId :
E2906



Tgt Ion:228 Resp: 100081
Ion Ratio Lower Upper
228 100
229 21.2 15.7 23.5
226 26.1 22.0 33.0

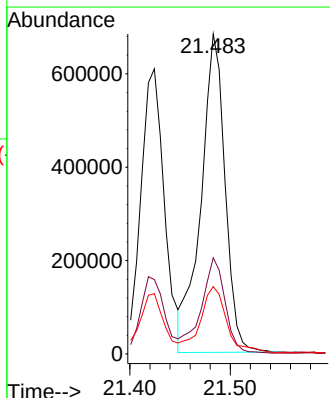
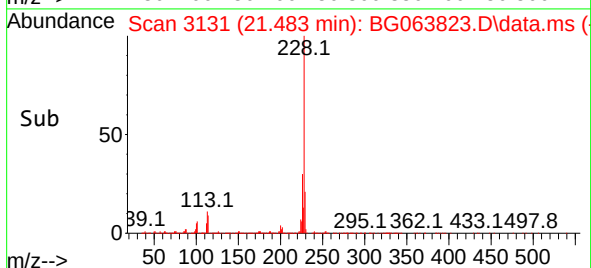
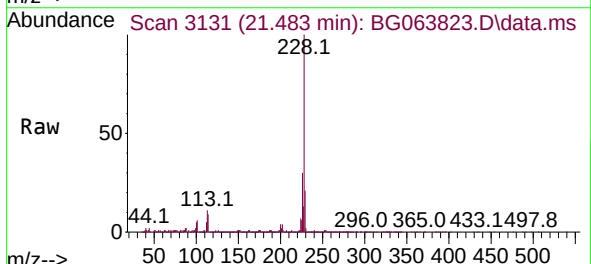
Manual Integrations
APPROVED

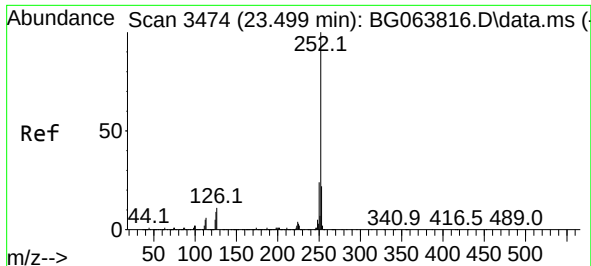
Reviewed By :Yogesh Patel 12/26/2024
Supervised By :mohammad ahmed 12/26/2024



#87
Chrysene
Concen: 22.353 ng/u1
RT: 21.483 min Scan# 3131
Delta R.T. -0.001 min
Lab File: BG063823.D
Acq: 24 Dec 2024 17:21

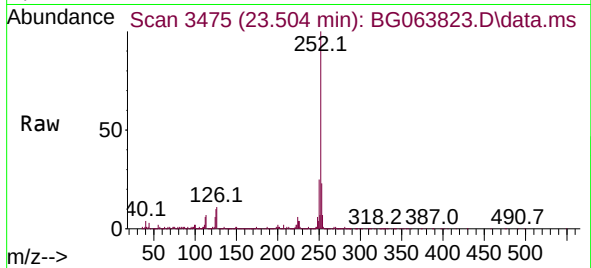
Tgt Ion:228 Resp: 1142051
Ion Ratio Lower Upper
228 100
226 30.1 23.4 35.0
229 21.0 14.8 22.2





#90
Benzo(b)fluoranthene
Concen: 24.984 ng/ul
RT: 23.504 min Scan# 3475
Delta R.T. 0.005 min
Lab File: BG063823.D
Acq: 24 Dec 2024 17:21

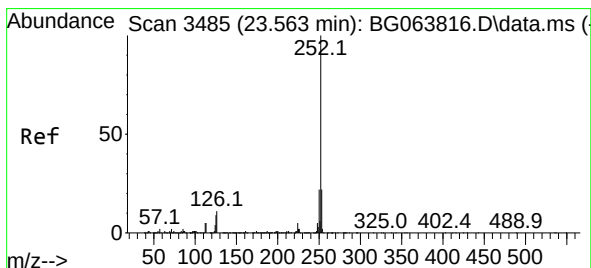
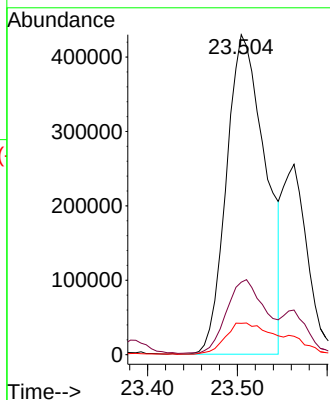
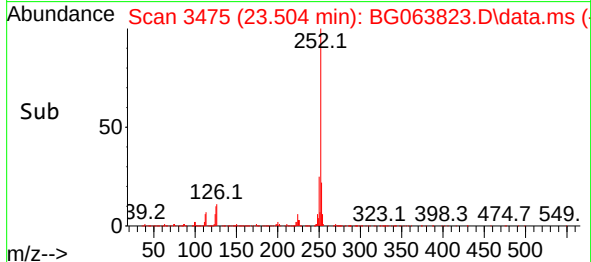
Instrument :
BNA_G
ClientSampleId :
E2906



Tgt Ion:252 Resp: 129724
Ion Ratio Lower Upper
252 100
253 22.7 17.7 26.5
125 9.8 7.0 10.4

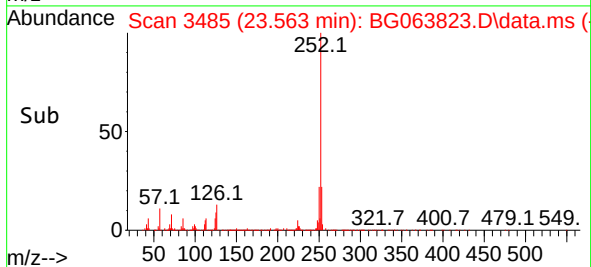
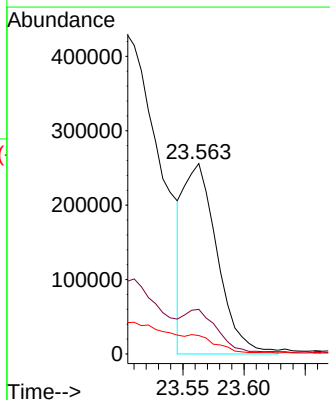
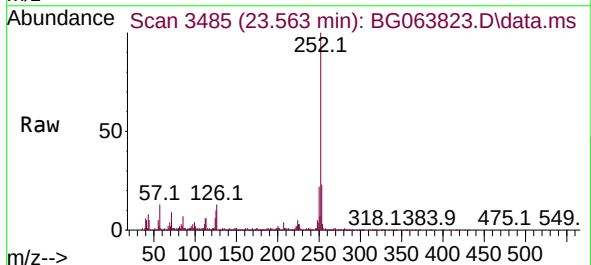
Manual Integrations
APPROVED

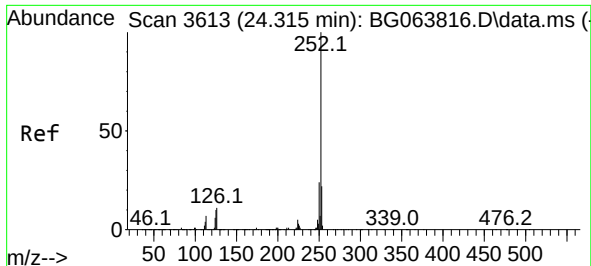
Reviewed By :Yogesh Patel 12/26/2024
Supervised By :mohammad ahmed 12/26/2024



#91
Benzo(k)fluoranthene
Concen: 9.432 ng/ul m
RT: 23.563 min Scan# 3485
Delta R.T. 0.005 min
Lab File: BG063823.D
Acq: 24 Dec 2024 17:21

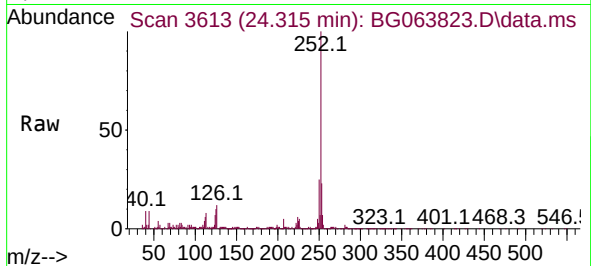
Tgt Ion:252 Resp: 488491
Ion Ratio Lower Upper
252 100
253 23.4 17.7 26.5
125 9.7 6.5 9.7





#93
Benzo(a)pyrene
Concen: 8.067 ng/ul
RT: 24.315 min Scan# 3613
Delta R.T. 0.011 min
Lab File: BG063823.D
Acq: 24 Dec 2024 17:21

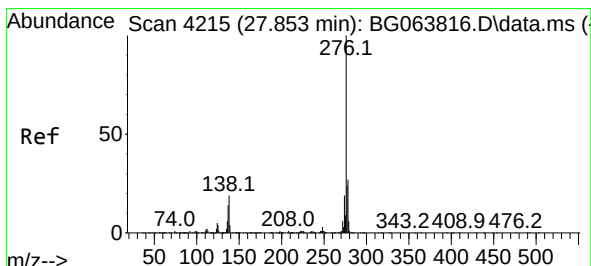
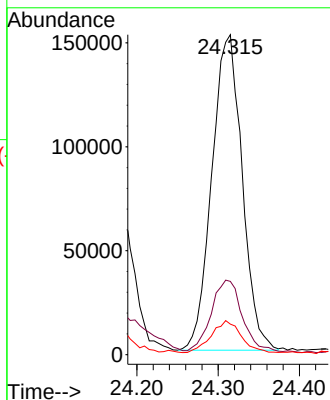
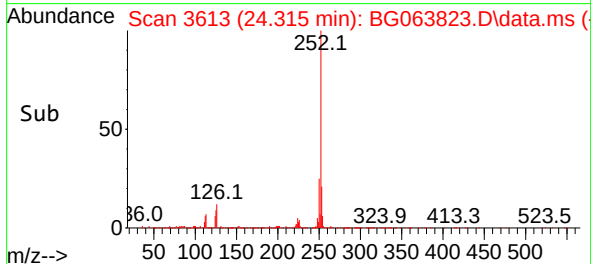
Instrument :
BNA_G
ClientSampleId :
E2906



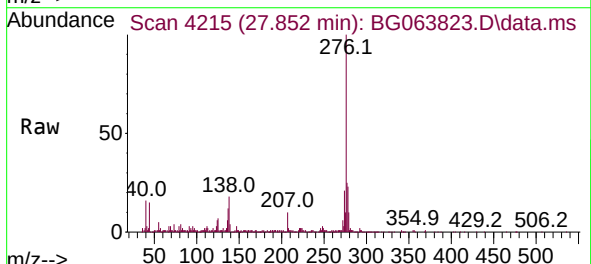
Tgt Ion:252 Resp: 39316
Ion Ratio Lower Upper
252 100
253 22.9 16.6 24.8
125 9.5 8.0 12.0

Manual Integrations
APPROVED

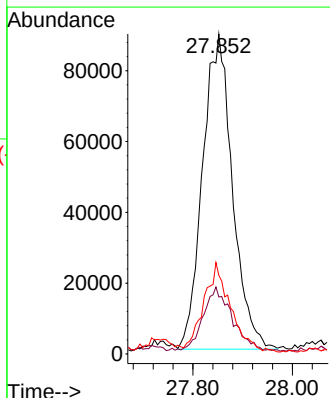
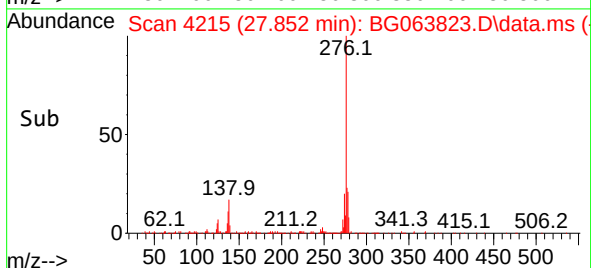
Reviewed By :Yogesh Patel 12/26/2024
Supervised By :mohammad ahmed 12/26/2024

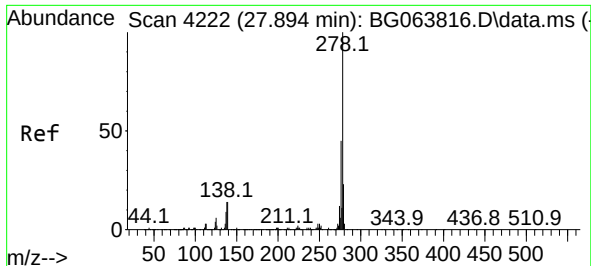


#94
Indeno(1,2,3-cd)pyrene
Concen: 6.232 ng/ul m
RT: 27.852 min Scan# 4215
Delta R.T. 0.005 min
Lab File: BG063823.D
Acq: 24 Dec 2024 17:21



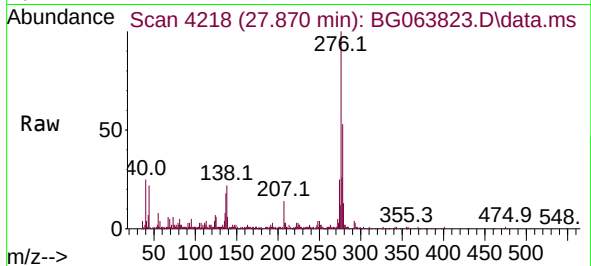
Tgt Ion:276 Resp: 370918
Ion Ratio Lower Upper
276 100
138 17.8 13.7 20.5
277 24.5 18.4 27.6





#95
 Dibenzo(a,h)anthracene
 Concen: 3.063 ng/ul m
 RT: 27.870 min Scan# 4218
 Delta R.T. -0.018 min
 Lab File: BG063823.D
 Acq: 24 Dec 2024 17:21

Instrument :
 BNA_G
 ClientSampleId :
 E2906



Tgt Ion:278 Resp: 145860
 Ion Ratio Lower Upper
 278 100
 139 10.7 9.7 14.5
 279 24.8 17.3 25.9

Manual Integrations
 APPROVED

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

