

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072523\
 Data File : BG058463.D
 Acq On : 26 Jul 2023 2:34
 Operator : CG/JU
 Sample : 03540-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4728

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/26/2023
 Supervised By :mohammad ahmed 07/26/2023

Quant Time: Jul 26 04:04:18 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 24 22:10:54 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.817	152	59995	20.000	ng/u1	0.00
20) Naphthalene-d8	10.614	136	253624	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.463	164	173668	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.206	188	384632	20.000	ng/u1	0.00
79) Chrysene-d12	21.449	240	333794	20.000	ng/u1	0.00
88) Perylene-d12	24.516	264	327051	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.235	96	5009m	3.073	ng/uL	0.00
4) Pyridine-d5	3.652	84	60451	12.495	ng/u1	0.00
7) Phenol-d5	6.983	99	52533	9.230	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.142	67	62845	17.667	ng/u1	0.00
11) 2-Chlorophenol-d4	7.347	132	49462	12.415	ng/u1	0.00
15) 4-Methylphenol-d8	8.540	113	1978m	0.456	ng/u1	0.01
21) Nitrobenzene-d5	8.981	128	33732	17.744	ng/u1	0.00
24) 2-Nitrophenol-d4	9.698	143	37859	18.242	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.244	165	29755	7.479	ng/u1	0.00
31) 4-Chloroaniline-d4	10.767	131	1587	0.275	ng/u1	0.01
46) Dimethylphthalate-d6	13.869	166	237170	17.710	ng/u1	0.00
49) Acenaphthylene-d8	14.151	160	235260	16.763	ng/u1	0.00
54) 4-Nitrophenol-d4	14.686	143	19642	9.712	ng/u1	0.00
60) Fluorene-d10	15.456	176	216772	19.551	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.579	200	20640	10.533	ng/u1	0.00
73) Anthracene-d10	17.306	188	181695	10.933	ng/u1	0.00
81) Pyrene-d10	19.598	212	189489	9.611	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.304	264	56418	3.569	ng/u1	0.00
Target Compounds						Qvalue
16) Acetophenone	8.640	105	15762	2.132	ng/u1	93
52) Acenaphthene	14.527	153	10605	1.008	ng/u1	94
61) Fluorene	15.509	166	14628	1.191	ng/u1	97
72) Phenanthrene	17.248	178	202502	11.079	ng/u1	99
74) Anthracene	17.336	178	28966	1.579	ng/u1	98
80) Fluoranthene	19.263	202	272999	12.087	ng/u1	98
82) Pyrene	19.627	202	130238	5.691	ng/u1	100
85) Benzo(a)anthracene	21.425	228	117869	5.254	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.337	149	31386	2.449	ng/u1#	98
87) Chrysene	21.490	228	115099	5.409	ng/u1	97
90) Benzo(b)fluoranthene	23.540	252	122817	6.490	ng/u1#	98
91) Benzo(k)fluoranthene	23.599	252	51099m	2.708	ng/u1	
94) Indeno(1,2,3-cd)pyrene	28.006	276	29204m	1.317	ng/u1	

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

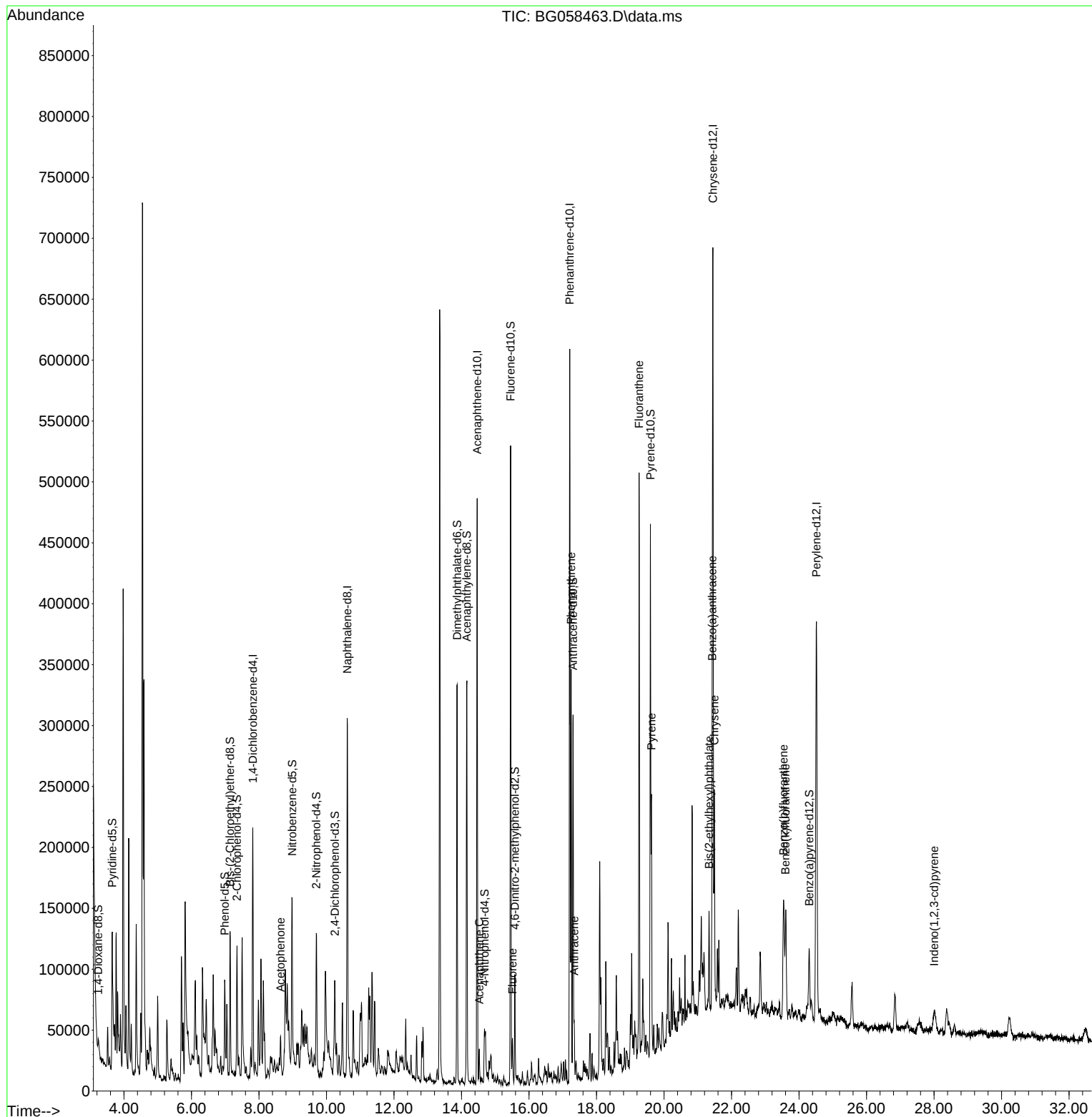
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072523\
Data File : BG058463.D
Acq On : 26 Jul 2023 2:34
Operator : CG/JU
Sample : 03540-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

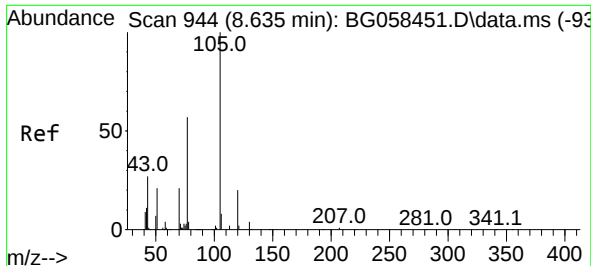
Instrument :
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A4728

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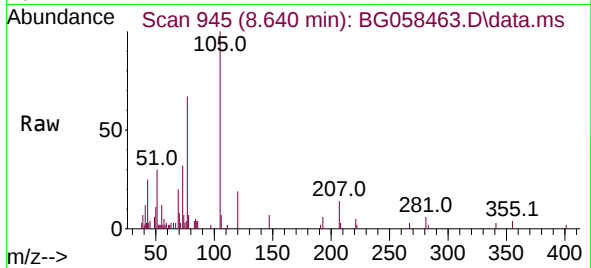
Quant Time: Jul 26 04:04:18 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 24 22:10:54 2023
Response via : Initial Calibration





#16
Acetophenone
Concen: 2.132 ng/ul
RT: 8.640 min Scan# 944
Delta R.T. -0.001 min
Lab File: BG058463.D
Acq: 26 Jul 2023 2:34

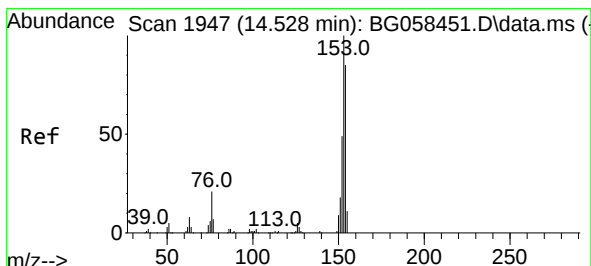
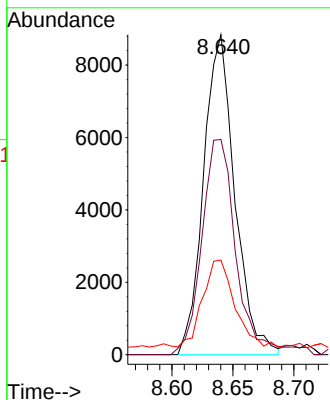
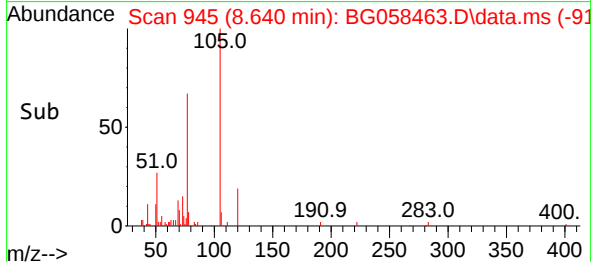
Instrument :
BNA_G
ClientSampleId :
A4728



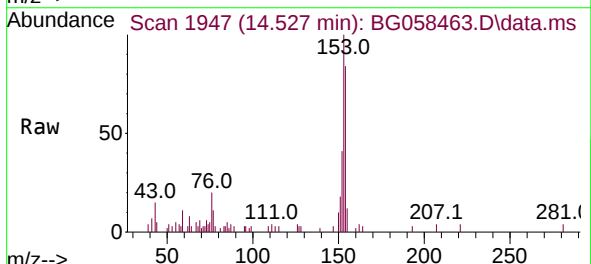
Tgt Ion:105 Resp: 15762
Ion Ratio Lower Upper
105 100
77 67.2 60.7 91.1
51 29.6 23.5 35.3

Manual Integrations
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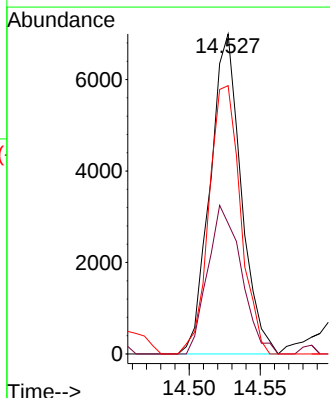
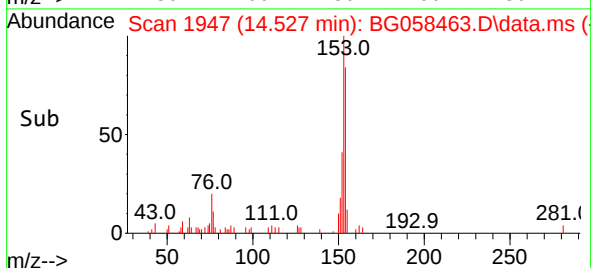
Reviewed By :Yogesh Patel 07/26/2023
Supervised By :mohammad ahmed 07/26/2023

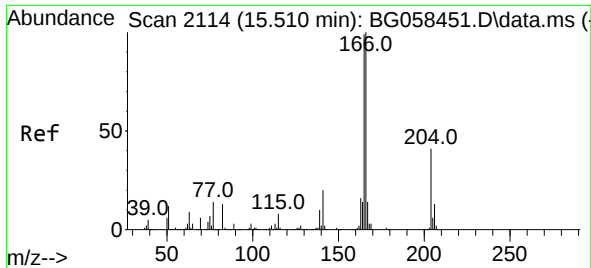


#52
Acenaphthene
Concen: 1.008 ng/ul
RT: 14.527 min Scan# 1947
Delta R.T. -0.001 min
Lab File: BG058463.D
Acq: 26 Jul 2023 2:34



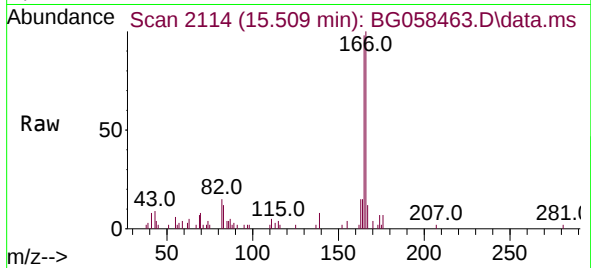
Tgt Ion:153 Resp: 10605
Ion Ratio Lower Upper
153 100
152 40.8 39.1 58.7
154 83.9 68.7 103.1





#61
Fluorene
Concen: 1.191 ng/ul
RT: 15.509 min Scan# 2114
Delta R.T. -0.006 min
Lab File: BG058463.D
Acq: 26 Jul 2023 2:34

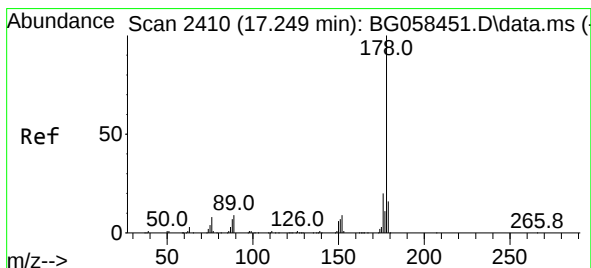
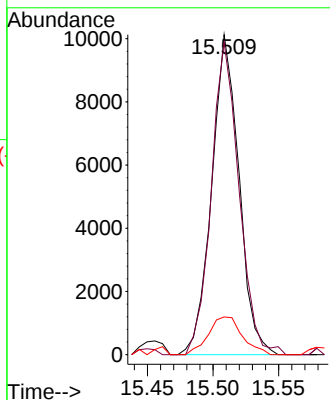
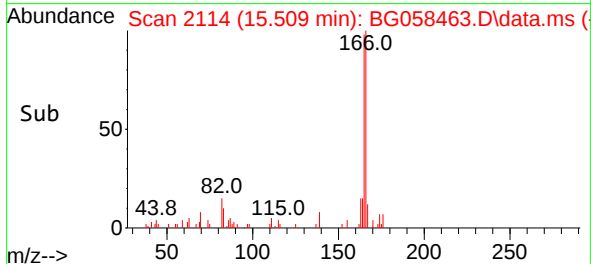
Instrument :
BNA_G
ClientSampleId :
A4728



Tgt Ion:166 Resp: 14628
Ion Ratio Lower Upper
166 100
165 97.6 80.2 120.2
167 11.8 10.5 15.7

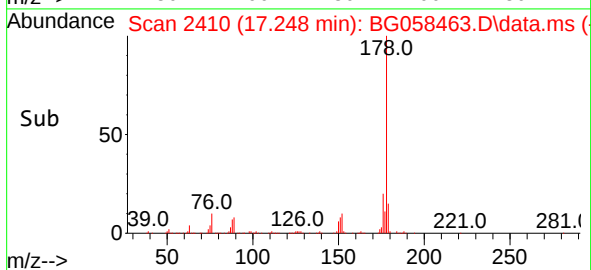
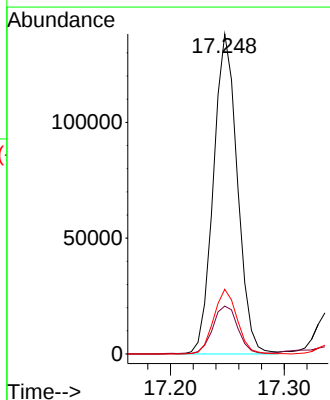
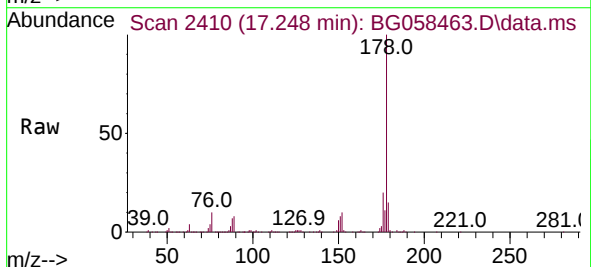
Manual Integrations
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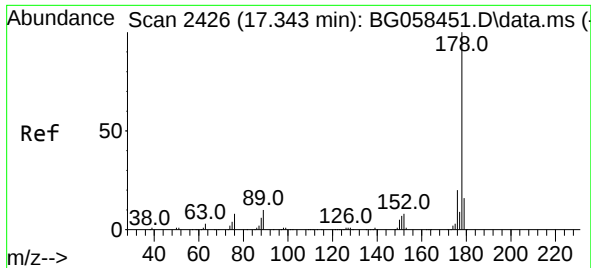
Reviewed By :Yogesh Patel 07/26/2023
Supervised By :mohammad ahmed 07/26/2023



#72
Phenanthrene
Concen: 11.079 ng/ul
RT: 17.248 min Scan# 2410
Delta R.T. -0.006 min
Lab File: BG058463.D
Acq: 26 Jul 2023 2:34

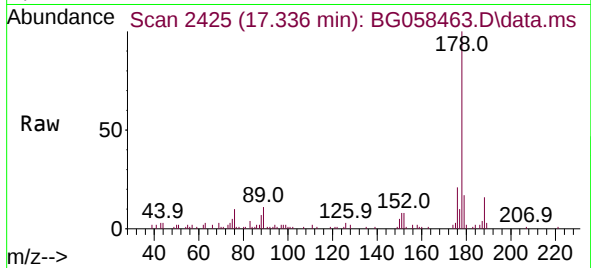
Tgt Ion:178 Resp: 202502
Ion Ratio Lower Upper
178 100
179 15.0 11.9 17.9
176 20.2 15.8 23.8





#74
 Anthracene
 Concen: 1.579 ng/ul
 RT: 17.336 min Scan# 2426
 Delta R.T. -0.006 min
 Lab File: BG058463.D
 Acq: 26 Jul 2023 2:34

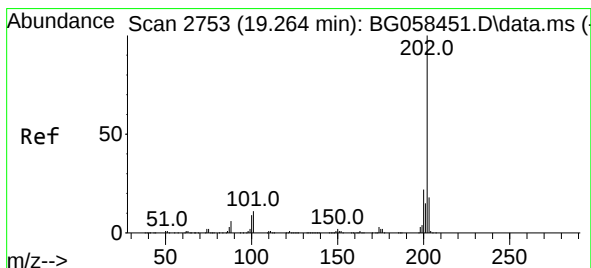
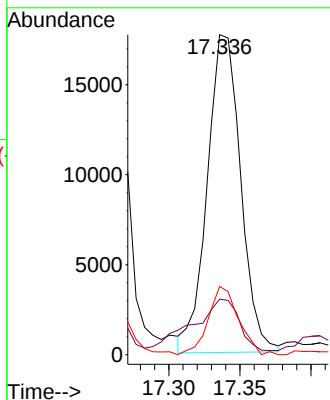
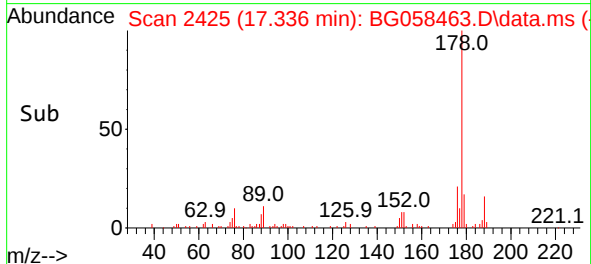
Instrument :
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 ClientSampleId :
 A4728



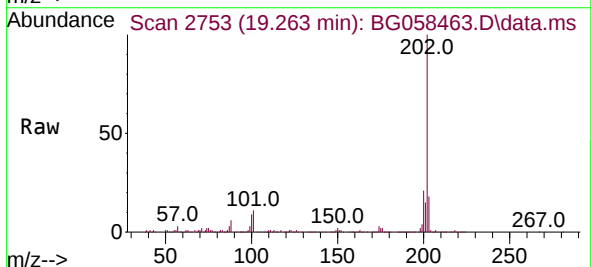
Tgt Ion:178 Resp: 28960
 Ion Ratio Lower Upper
 178 100
 179 17.4 13.4 20.2
 176 21.3 16.2 24.2

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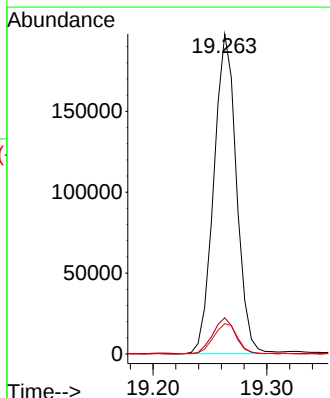
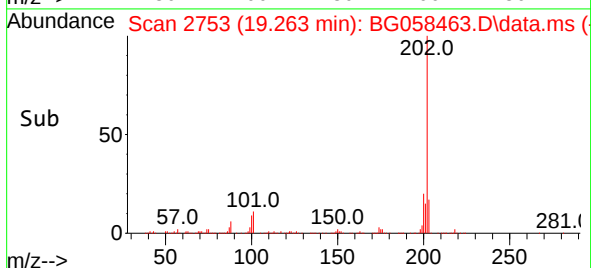
Reviewed By :Yogesh Patel 07/26/2023
 Supervised By :mohammad ahmed 07/26/2023

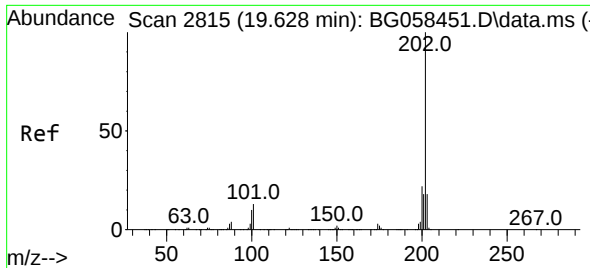


#80
 Fluoranthene
 Concen: 12.087 ng/ul
 RT: 19.263 min Scan# 2753
 Delta R.T. -0.006 min
 Lab File: BG058463.D
 Acq: 26 Jul 2023 2:34



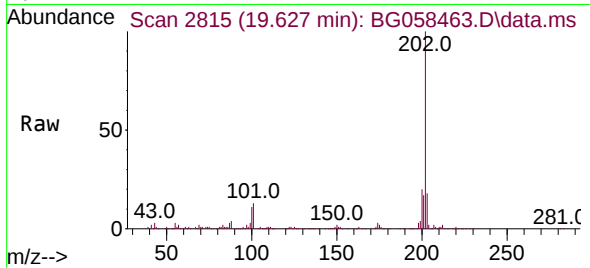
Tgt Ion:202 Resp: 272999
 Ion Ratio Lower Upper
 202 100
 101 11.3 8.6 12.8
 100 9.5 7.2 10.8





#82
Pyrene
Concen: 5.691 ng/ul
RT: 19.627 min Scan# 2815
Delta R.T. -0.001 min
Lab File: BG058463.D
Acq: 26 Jul 2023 2:34

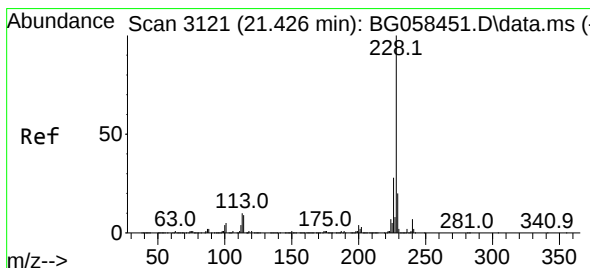
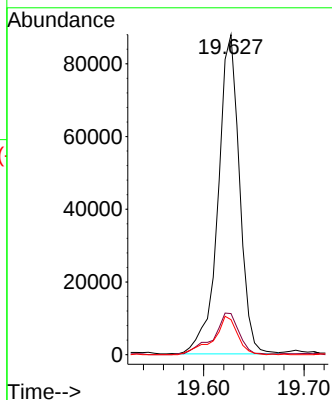
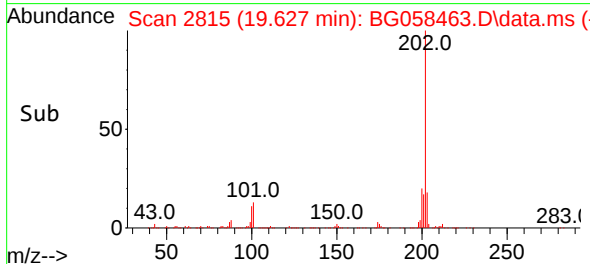
Instrument :
BNA_G
ClientSampleId :
A4728



Tgt Ion:202 Resp: 130238
Ion Ratio Lower Upper
202 100
101 12.9 10.2 15.2
100 11.0 8.9 13.3

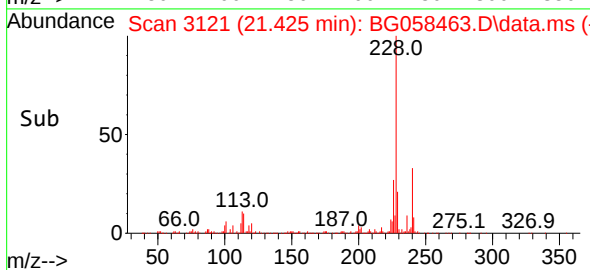
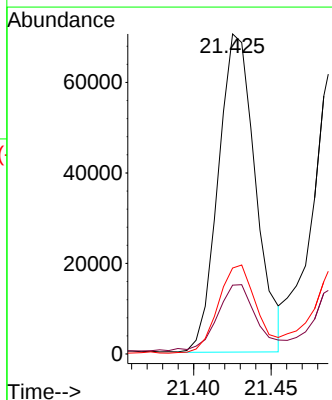
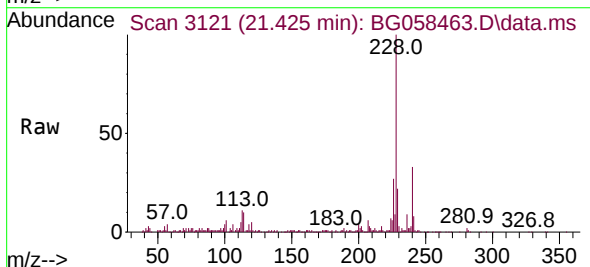
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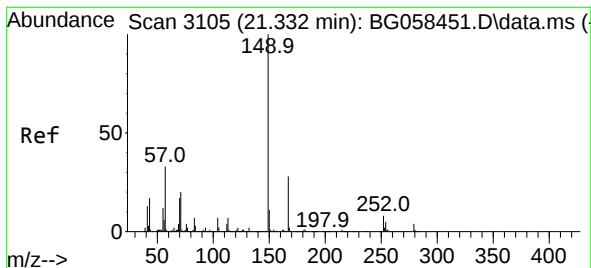
Reviewed By :Yogesh Patel 07/26/2023
Supervised By :mohammad ahmed 07/26/2023



#85
Benzo(a)anthracene
Concen: 5.254 ng/ul
RT: 21.425 min Scan# 3121
Delta R.T. -0.006 min
Lab File: BG058463.D
Acq: 26 Jul 2023 2:34

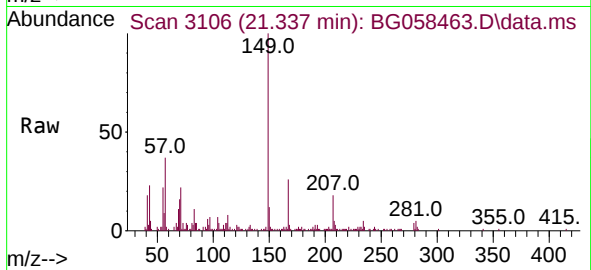
Tgt Ion:228 Resp: 117869
Ion Ratio Lower Upper
228 100
229 21.5 15.7 23.5
226 26.8 21.8 32.8





#86
Bis(2-ethylhexyl)phthalate
Concen: 2.449 ng/ul
RT: 21.337 min Scan# 3106
Delta R.T. -0.001 min
Lab File: BG058463.D
Acq: 26 Jul 2023 2:34

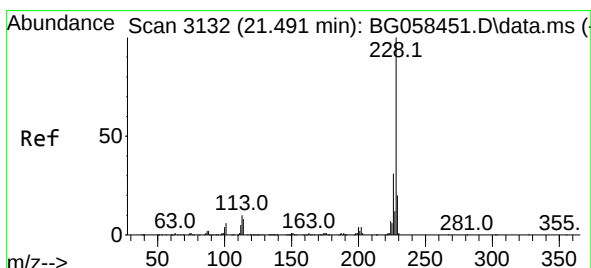
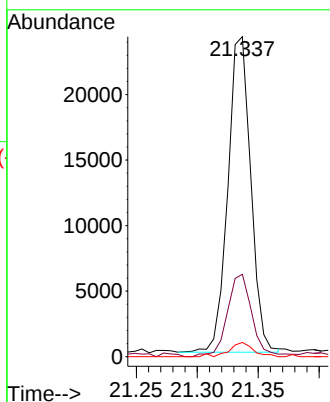
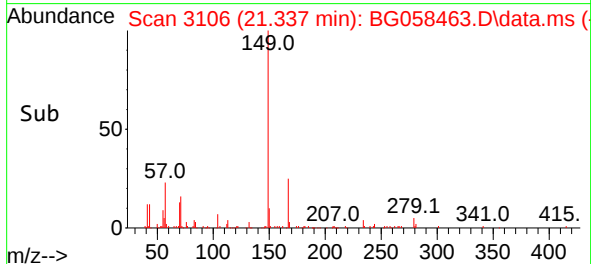
Instrument :
BNA_G
ClientSampleId :
A4728



Tgt Ion:149 Resp: 31380
Ion Ratio Lower Upper
149 100
167 25.8 21.6 32.4
279 4.5 3.0 4.4

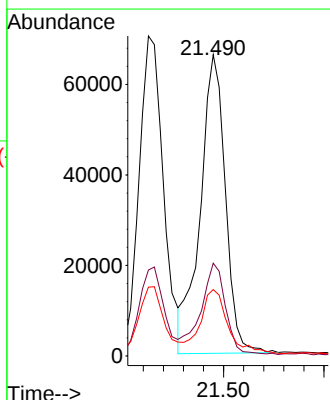
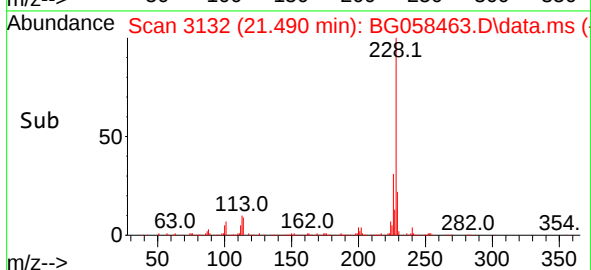
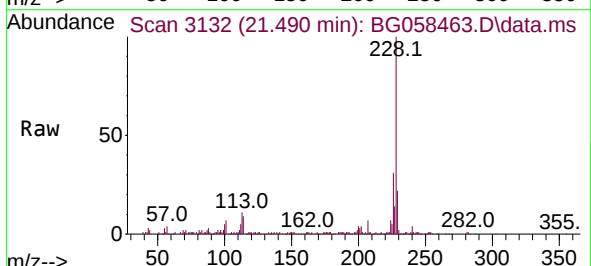
Manual Integrations
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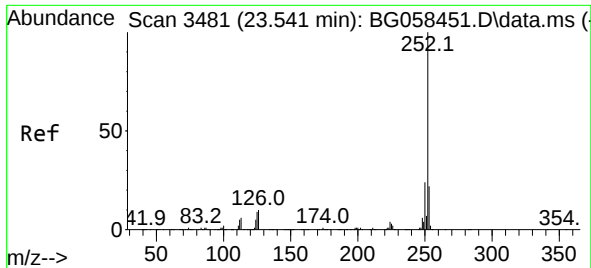
Reviewed By :Yogesh Patel 07/26/2023
Supervised By :mohammad ahmed 07/26/2023



#87
Chrysene
Concen: 5.409 ng/ul
RT: 21.490 min Scan# 3132
Delta R.T. -0.006 min
Lab File: BG058463.D
Acq: 26 Jul 2023 2:34

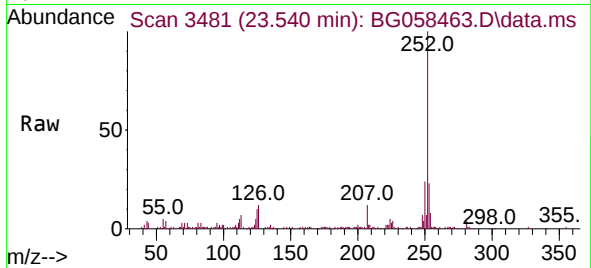
Tgt Ion:228 Resp: 115099
Ion Ratio Lower Upper
228 100
226 30.8 24.0 36.0
229 22.0 15.8 23.8





#90
Benzo(b)fluoranthene
Concen: 6.490 ng/ul
RT: 23.540 min Scan# 3481
Delta R.T. -0.006 min
Lab File: BG058463.D
Acq: 26 Jul 2023 2:34

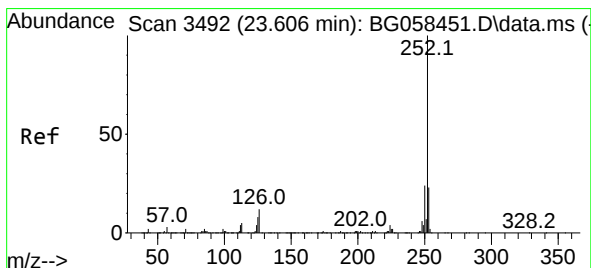
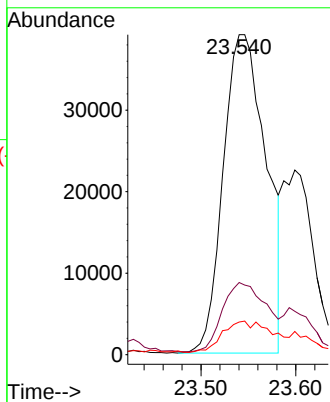
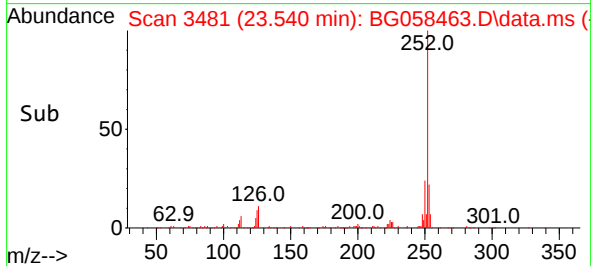
Instrument :
BNA_G
ClientSampleId :
A4728



Tgt Ion:252 Resp: 12281
Ion Ratio Lower Upper
252 100
253 22.5 17.9 26.9
125 10.2 6.7 10.1

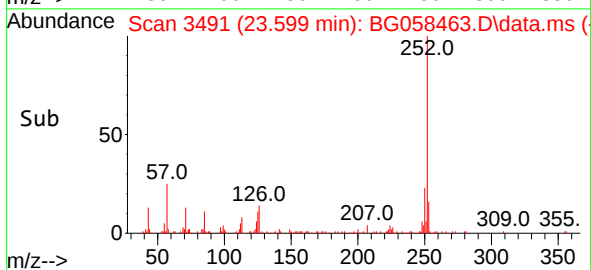
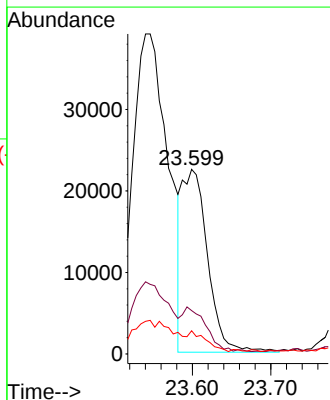
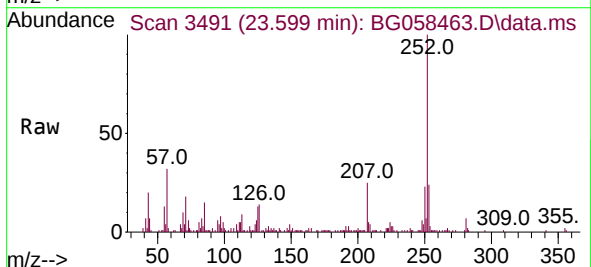
Manual Integrations
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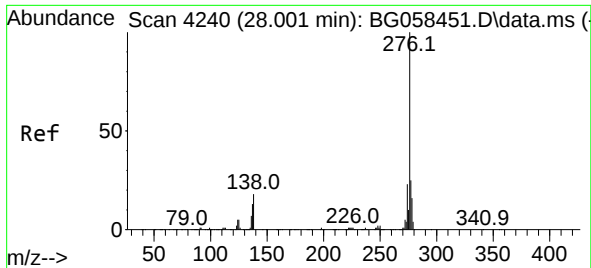
Reviewed By :Yogesh Patel 07/26/2023
Supervised By :mohammad ahmed 07/26/2023



#91
Benzo(k)fluoranthene
Concen: 2.708 ng/ul m
RT: 23.599 min Scan# 3491
Delta R.T. -0.012 min
Lab File: BG058463.D
Acq: 26 Jul 2023 2:34

Tgt Ion:252 Resp: 51099
Ion Ratio Lower Upper
252 100
253 23.5 18.3 27.5
125 12.6 7.4 11.0#





#94
Indeno(1,2,3-cd)pyrene
Concen: 1.317 ng/ul m
RT: 28.006 min Scan# 41
Delta R.T. -0.006 min
Lab File: BG058463.D
Acq: 26 Jul 2023 2:34

Instrument :
BNA_G
ClientSampleId :
A4728

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.9	13.8	20.6
277	27.1	19.2	28.8

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