

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
 Data File : BG057266.D
 Acq On : 2 May 2023 2:03
 Operator : CG/JU
 Sample : 02374-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CB9D5

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/02/2023
 Supervised By : Jagrut Upadhyay 05/02/2023

Quant Time: May 02 03:52:13 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 01 12:45:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.380	152	15551	20.000	ng/u1	0.00
20) Naphthalene-d8	11.217	136	66454	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.994	164	47329	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.732	188	105239	20.000	ng/u1	0.00
79) Chrysene-d12	22.049	240	87627	20.000	ng/u1	# 0.00
88) Perylene-d12	25.574	264	94275	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.663	96	579	1.638	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.516	99	19522	13.274	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.687	67	11447	13.233	ng/u1	0.00
11) 2-Chlorophenol-d4	7.910	132	14128	14.578	ng/u1	0.00
15) 4-Methylphenol-d8	9.085	113	14414	12.895	ng/u1	0.00
21) Nitrobenzene-d5	9.560	128	7133	13.479	ng/u1	0.00
24) 2-Nitrophenol-d4	10.289	143	8847	14.324	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.835	165	18129	15.214	ng/u1	0.00
31) 4-Chloroaniline-d4	11.352	131	6895	4.366	ng/u1	0.00
46) Dimethylphthalate-d6	14.378	166	60467	16.124	ng/u1	0.00
49) Acenaphthylene-d8	14.695	160	68023	16.138	ng/u1	0.00
54) 4-Nitrophenol-d4	15.182	143	6276	11.497	ng/u1	0.00
60) Fluorene-d10	15.981	176	55403	15.858	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	16.099	200	4500	7.217	ng/u1	0.00
73) Anthracene-d10	17.832	188	86824	18.075	ng/u1	0.00
81) Pyrene-d10	20.099	212	102127	19.635	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.327	264	90461	18.834	ng/u1	0.00
Target Compounds					Qvalue	
16) Acetophenone	9.208	105	4583	2.383	ng/u1	88
72) Phenanthrene	17.779	178	50084	9.139	ng/u1	99
74) Anthracene	17.867	178	9911	1.800	ng/u1	99
80) Fluoranthene	19.764	202	111667	18.073	ng/u1#	96
82) Pyrene	20.129	202	99621	15.927	ng/u1	98
85) Benzo(a)anthracene	22.026	228	56012	9.038	ng/u1	97
86) Bis(2-ethylhexyl)phtha...	21.873	149	12602	4.326	ng/u1	97
87) Chrysene	22.096	228	58672	10.034	ng/u1	94
90) Benzo(b)fluoranthene	24.440	252	83751	12.829	ng/u1	94
91) Benzo(k)fluoranthene	24.517	252	26614m	4.190	ng/u1	
93) Benzo(a)pyrene	25.410	252	53311	9.459	ng/u1#	95
94) Indeno(1,2,3-cd)pyrene	29.633	276	33616m	4.771	ng/u1	
95) Dibenzo(a,h)anthracene	29.686	278	10813m	1.851	ng/u1	
96) Benzo(g,h,i)perylene	30.920	276	28046m	4.919	ng/u1	

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

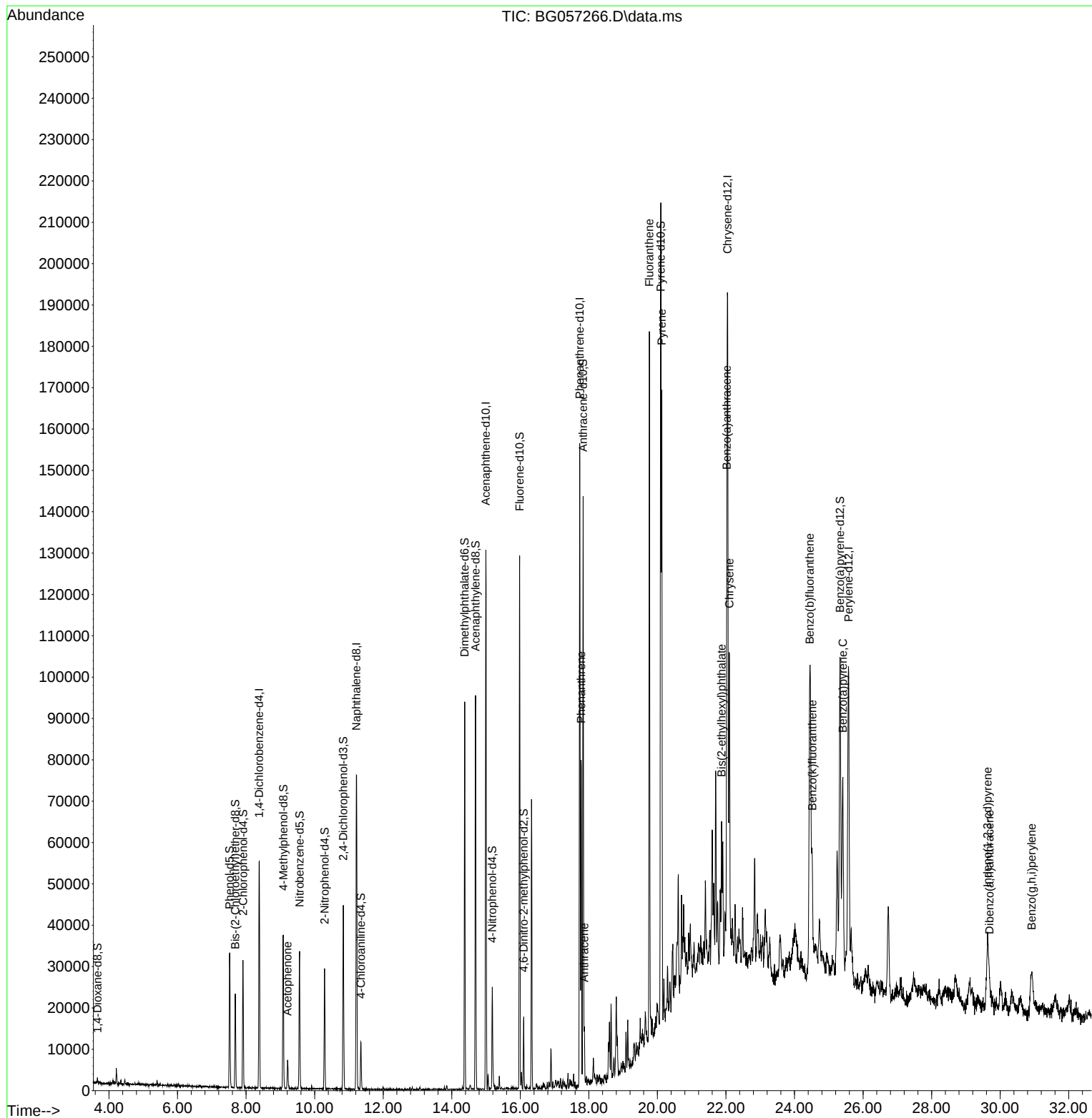
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
Data File : BG057266.D
Acq On : 2 May 2023 2:03
Operator : CG/JU
Sample : 02374-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

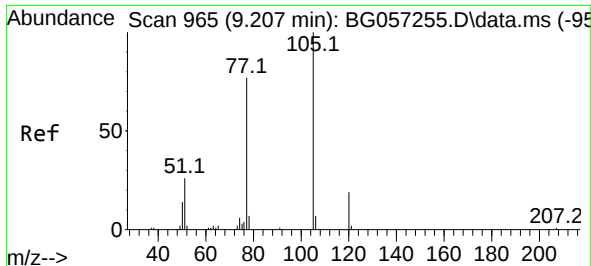
Instrument :
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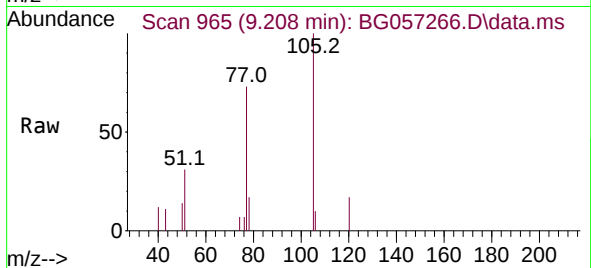
Quant Time: May 02 03:52:13 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 01 12:45:38 2023
Response via : Initial Calibration





#16
Acetophenone
Concen: 2.383 ng/ul
RT: 9.208 min Scan# 90
Delta R.T. -0.001 min
Lab File: BG057266.D
Acq: 2 May 2023 2:03

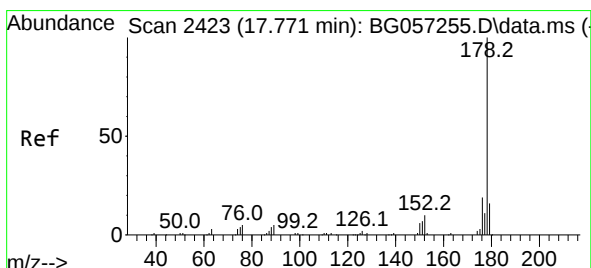
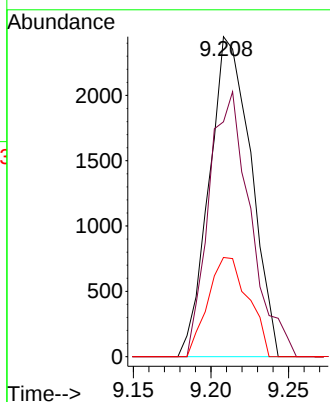
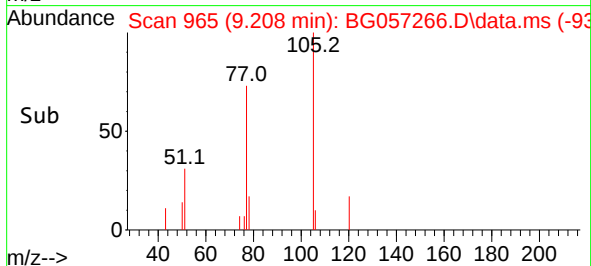
Instrument :
BNA_G
ClientSampleId :
CB9D5



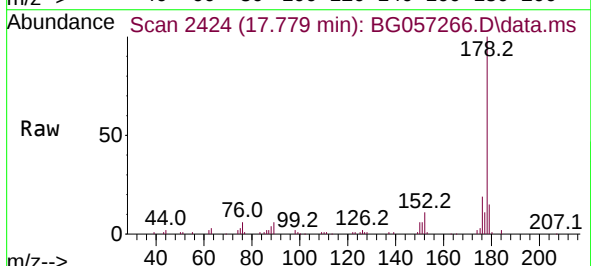
Tgt Ion:105 Resp: 458
Ion Ratio Lower Upper
105 100
77 73.4 70.6 105.8
51 31.0 24.5 36.7

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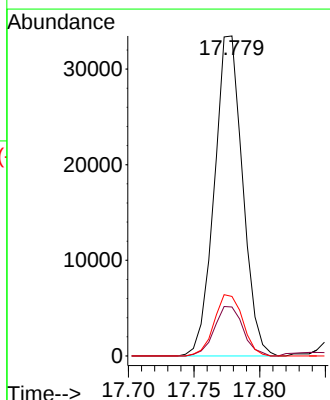
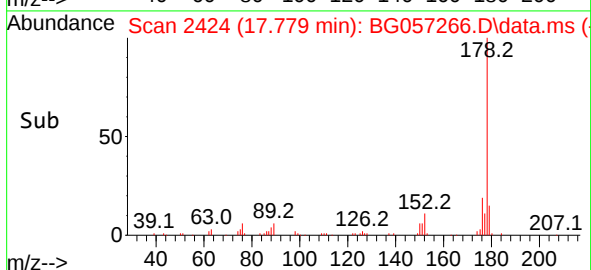
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023

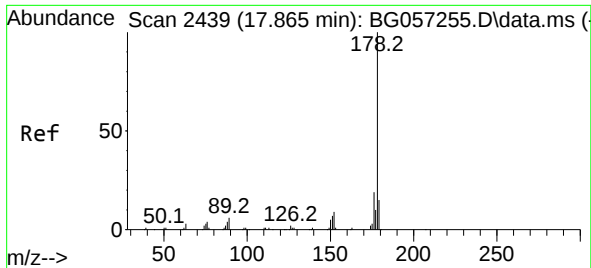


#72
Phenanthrene
Concen: 9.139 ng/ul
RT: 17.779 min Scan# 2424
Delta R.T. 0.004 min
Lab File: BG057266.D
Acq: 2 May 2023 2:03



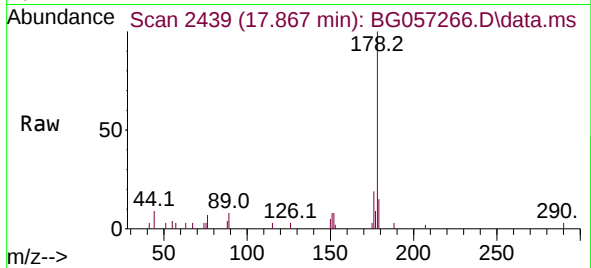
Tgt Ion:178 Resp: 50084
Ion Ratio Lower Upper
178 100
179 15.3 11.8 17.8
176 18.6 15.4 23.0





#74
 Anthracene
 Concen: 1.800 ng/ul
 RT: 17.867 min Scan# 2439
 Delta R.T. -0.001 min
 Lab File: BG057266.D
 Acq: 2 May 2023 2:03

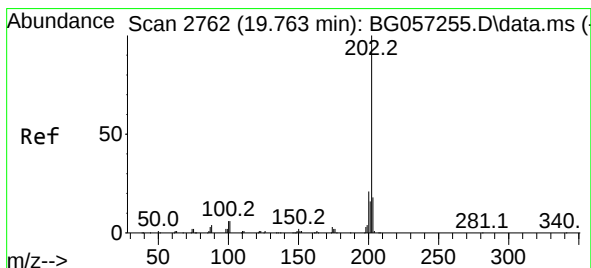
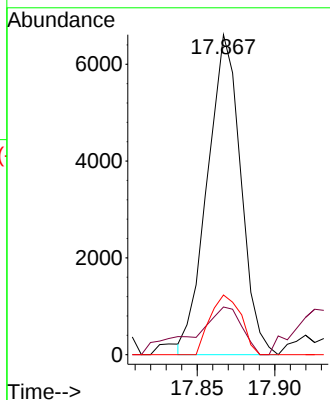
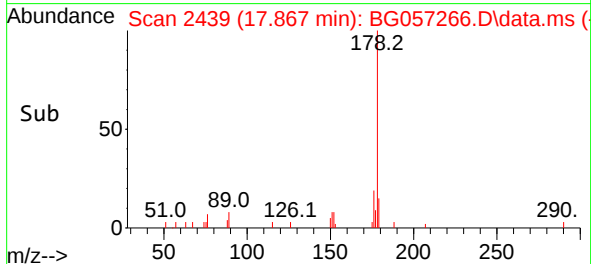
Instrument :
 BNA_G
 ClientSampleId :
 CB9D5



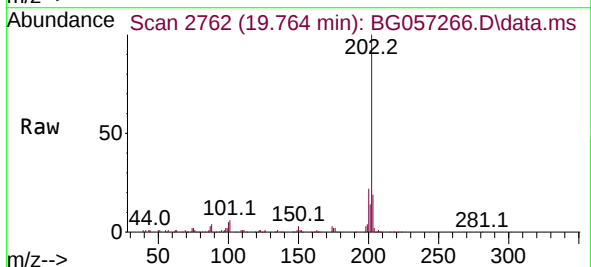
Tgt Ion:178 Resp: 991
 Ion Ratio Lower Upper
 178 100
 179 14.9 12.5 18.7
 176 18.7 14.7 22.1

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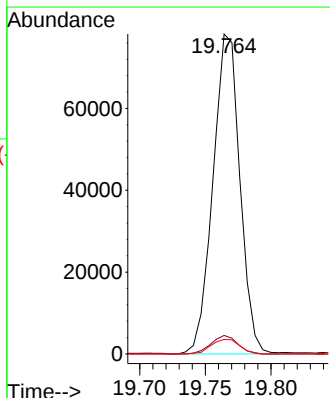
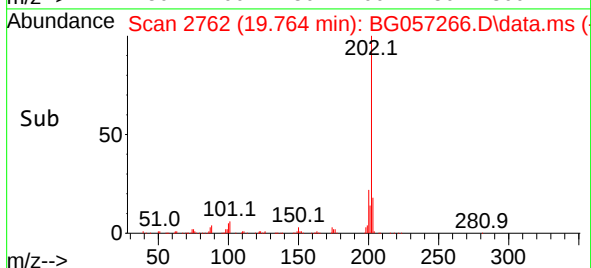
Reviewed By :Christian Giraldo 05/02/2023
 Supervised By :Jagrut Upadhyay 05/02/2023

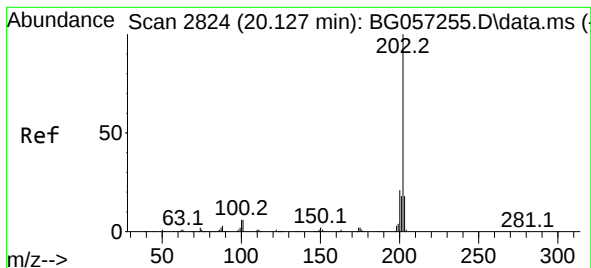


#80
 Fluoranthene
 Concen: 18.073 ng/ul
 RT: 19.764 min Scan# 2762
 Delta R.T. -0.001 min
 Lab File: BG057266.D
 Acq: 2 May 2023 2:03



Tgt Ion:202 Resp: 111667
 Ion Ratio Lower Upper
 202 100
 101 5.8 5.8 8.6
 100 4.5 4.6 7.0#





#82

Pyrene

Concen: 15.927 ng/ul

RT: 20.129 min Scan# 21

Delta R.T. 0.004 min

Lab File: BG057266.D

Acq: 2 May 2023 2:03

Instrument :

BNA_G

ClientSampleId :

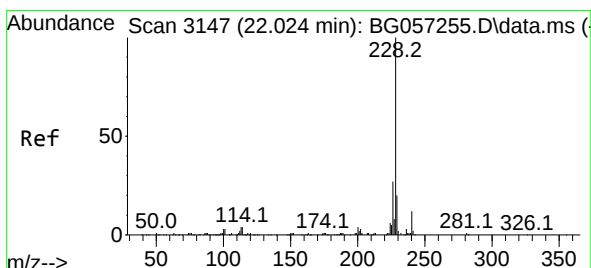
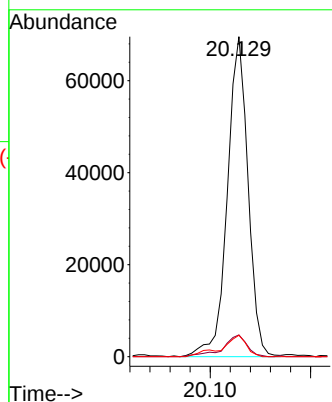
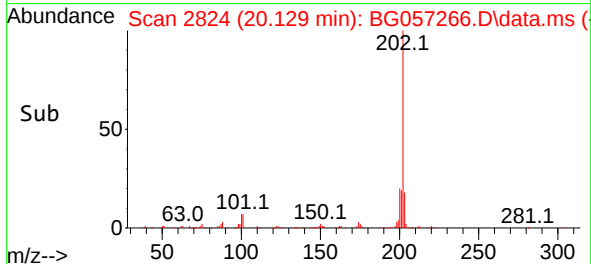
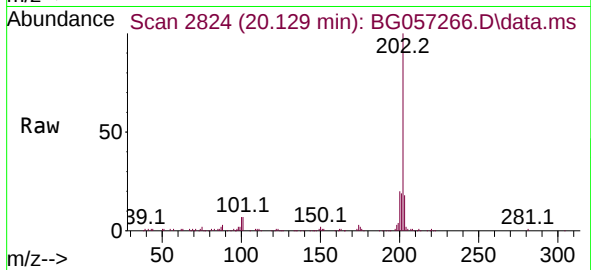
CB9D5

Tgt Ion:202 Resp: 9962
 Ion Ratio Lower Upper
 202 100
 101 6.8 5.7 8.5
 100 6.7 6.0 9.0

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 Supervised By :Jagrut Upadhyay 05/02/2023



#85

Benzo(a)anthracene

Concen: 9.038 ng/ul

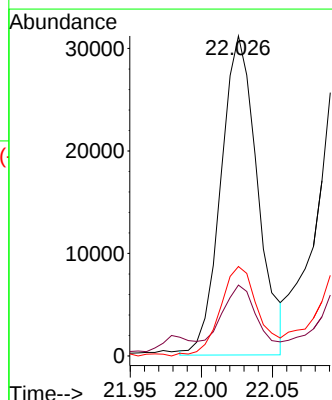
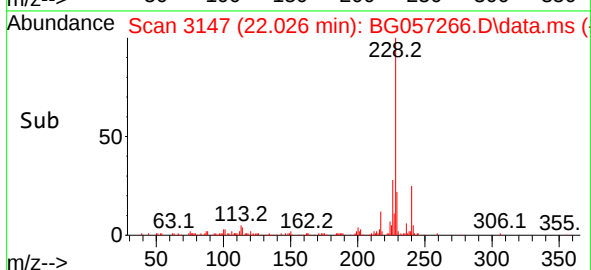
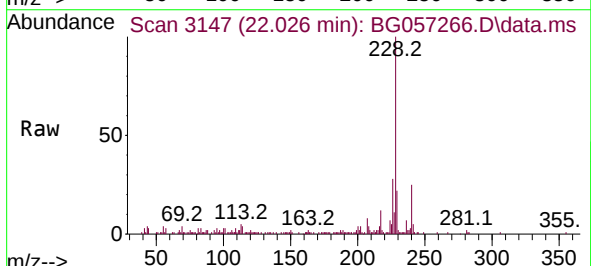
RT: 22.026 min Scan# 3147

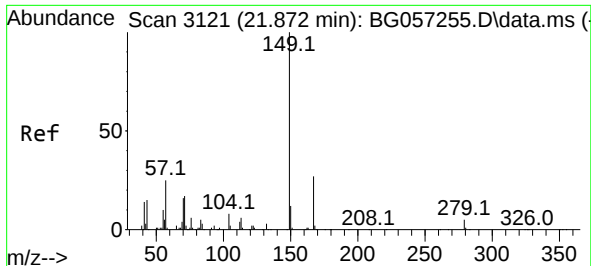
Delta R.T. -0.001 min

Lab File: BG057266.D

Acq: 2 May 2023 2:03

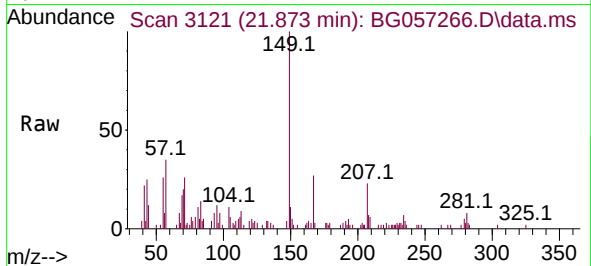
Tgt Ion:228 Resp: 56012
 Ion Ratio Lower Upper
 228 100
 229 22.1 15.8 23.6
 226 28.0 21.7 32.5





#86
Bis(2-ethylhexyl)phthalate
Concen: 4.326 ng/ul
RT: 21.873 min Scan# 3121
Delta R.T. -0.001 min
Lab File: BG057266.D
Acq: 2 May 2023 2:03

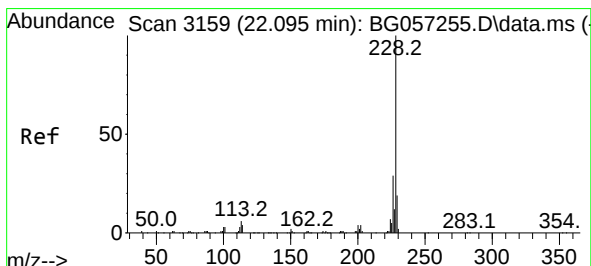
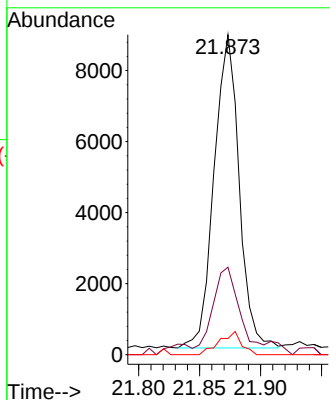
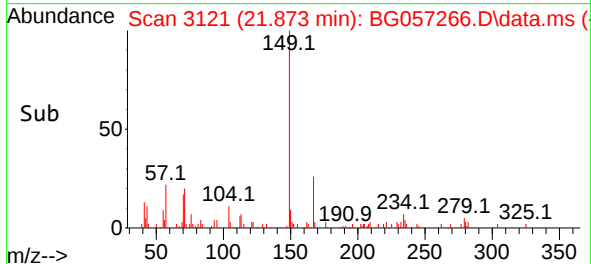
Instrument :
BNA_G
ClientSampleId :
CB9D5



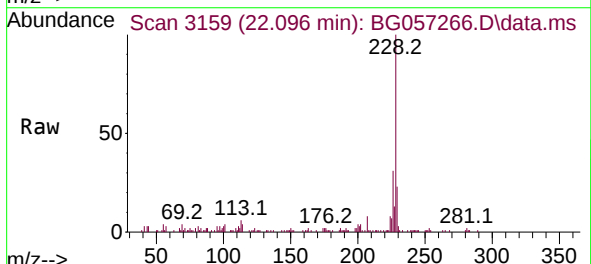
Tgt Ion:149 Resp: 1260
Ion Ratio Lower Upper
149 100
167 27.3 23.0 34.6
279 5.1 3.6 5.4

Manual Integrations
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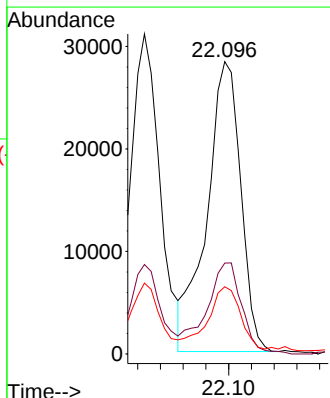
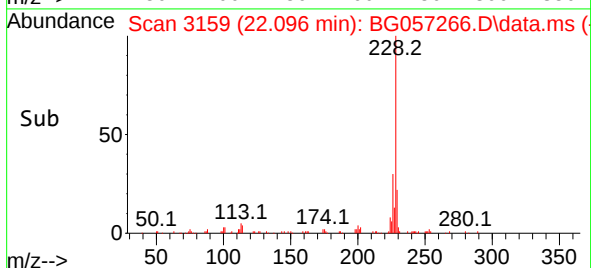
Reviewed By :Christian Giraldo 05/02/2023
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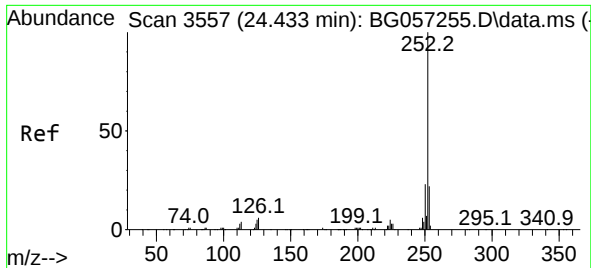


#87
Chrysene
Concen: 10.034 ng/ul
RT: 22.096 min Scan# 3159
Delta R.T. -0.001 min
Lab File: BG057266.D
Acq: 2 May 2023 2:03



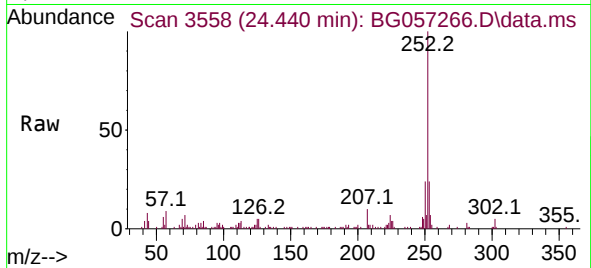
Tgt Ion:228 Resp: 58672
Ion Ratio Lower Upper
228 100
226 31.1 22.8 34.2
229 23.0 15.5 23.3





#90
Benzo(b)fluoranthene
Concen: 12.829 ng/ul
RT: 24.440 min Scan# 3557
Delta R.T. 0.004 min
Lab File: BG057266.D
Acq: 2 May 2023 2:03

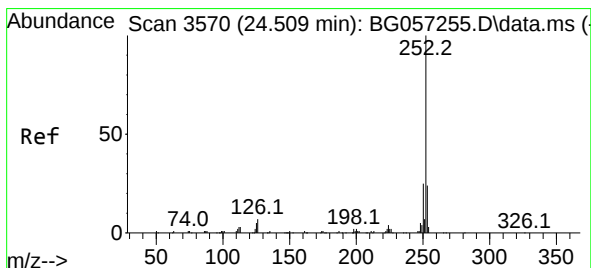
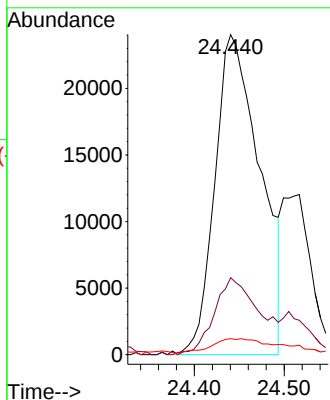
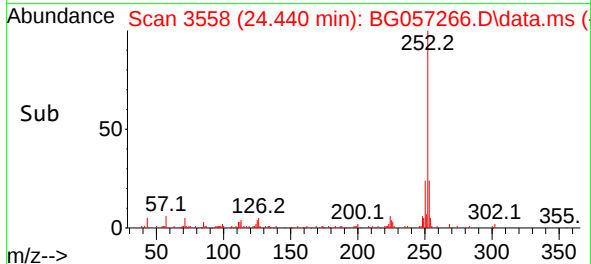
Instrument :
BNA_G
ClientSampleId :
CB9D5



Tgt Ion:252 Resp: 8375
Ion Ratio Lower Upper
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253 24.1 16.7 25.1
125 5.0 4.8 7.2

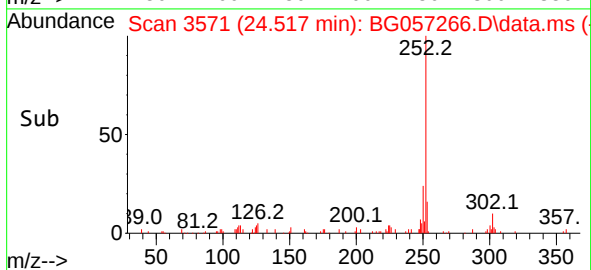
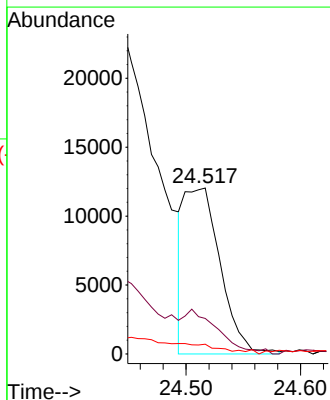
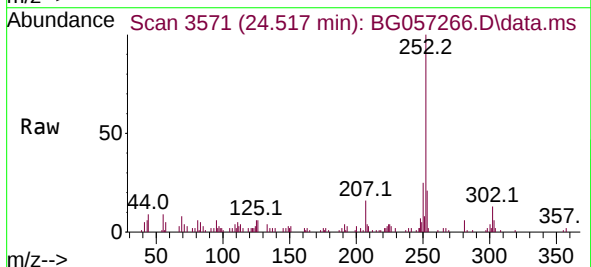
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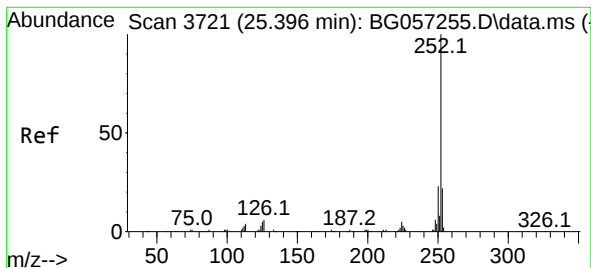
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023



#91
Benzo(k)fluoranthene
Concen: 4.190 ng/ul m
RT: 24.517 min Scan# 3571
Delta R.T. 0.004 min
Lab File: BG057266.D
Acq: 2 May 2023 2:03

Tgt Ion:252 Resp: 26614
Ion Ratio Lower Upper
252 100
253 21.5 17.7 26.5
125 5.9 4.5 6.7





#93

Benzo(a)pyrene

Concen: 9.459 ng/ul

RT: 25.410 min Scan# 3721

Delta R.T. 0.010 min

Lab File: BG057266.D

Acq: 2 May 2023 2:03

Instrument :

BNA_G

ClientSampleId :

CB9D5

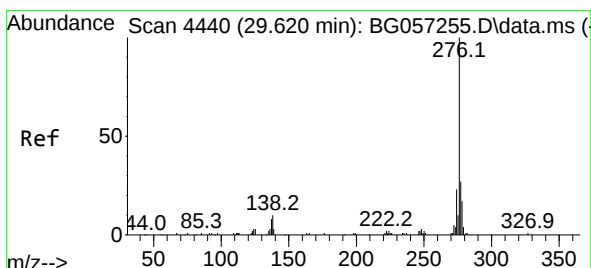
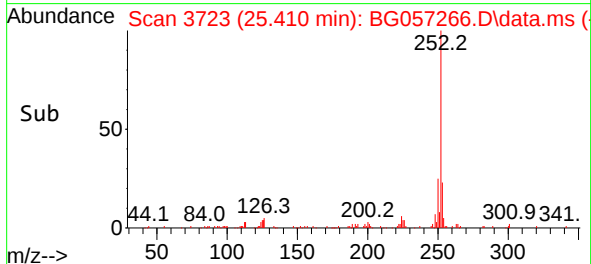
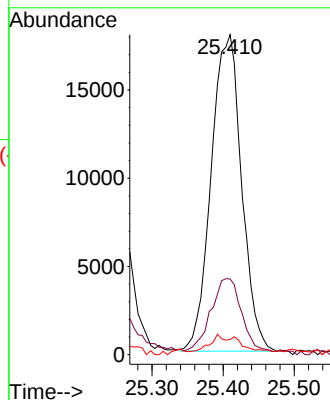
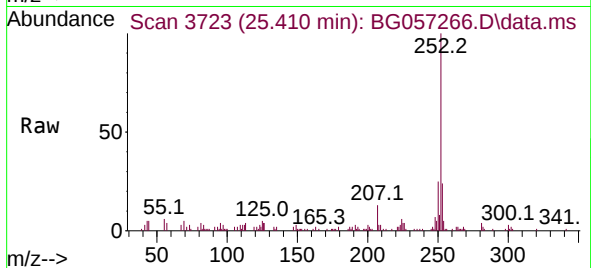
Tgt Ion:252 Resp: 5331
 Ion Ratio Lower Upper
 252 100
 253 23.6 17.2 25.8
 125 4.8 5.1 7.7

Manual Integrations

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#94

Indeno(1,2,3-cd)pyrene

Concen: 4.771 ng/ul m

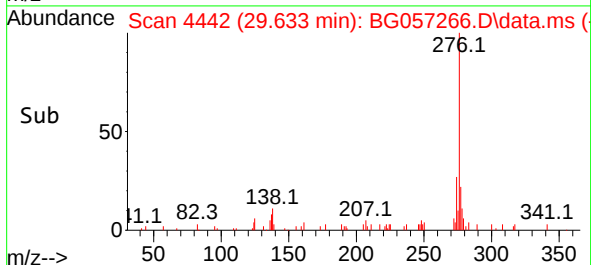
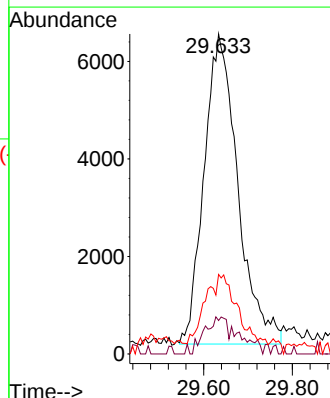
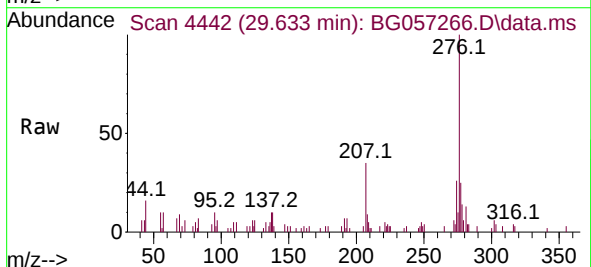
RT: 29.633 min Scan# 4442

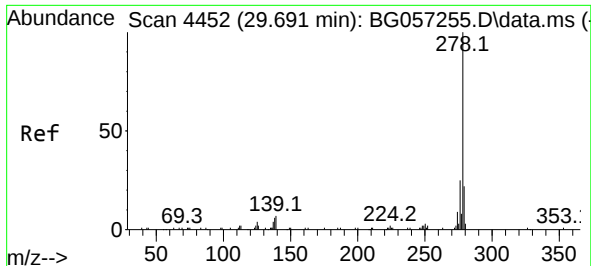
Delta R.T. 0.010 min

Lab File: BG057266.D

Acq: 2 May 2023 2:03

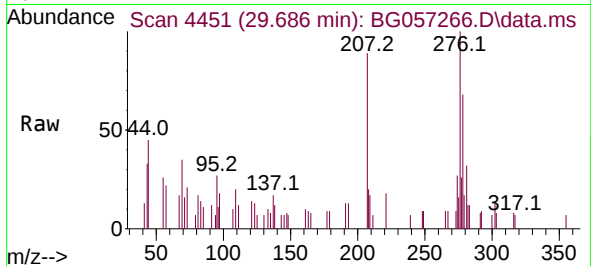
Tgt Ion:276 Resp: 33616
 Ion Ratio Lower Upper
 276 100
 138 10.5 9.4 14.2
 277 24.8 18.6 28.0





#95
Dibenzo(a,h)anthracene
Concen: 1.851 ng/ul m
RT: 29.686 min Scan# 4452
Delta R.T. -0.007 min
Lab File: BG057266.D
Acq: 2 May 2023 2:03

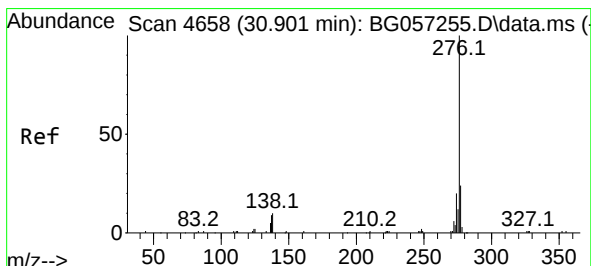
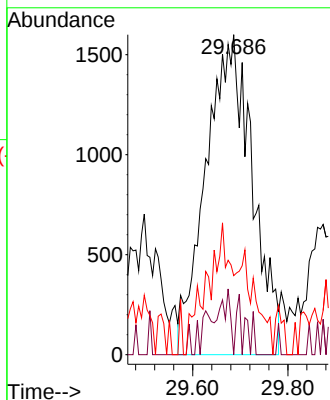
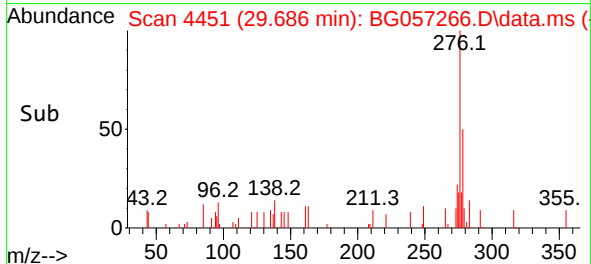
Instrument :
BNA_G
ClientSampleId :
CB9D5



Tgt Ion: 278 Resp: 1081
Ion Ratio Lower Upper
278 100
139 0.0 5.8 8.6
279 24.7 18.3 27.5

Manual Integrations
APPROVED

Reviewed By : Christian Giraldo 05/02/2023
Supervised By : Jagrut Upadhyay 05/02/2023



#96
Benzo(g,h,i)perylene
Concen: 4.919 ng/ul m
RT: 30.920 min Scan# 4661
Delta R.T. 0.010 min
Lab File: BG057266.D
Acq: 2 May 2023 2:03

Tgt Ion: 276 Resp: 28046
Ion Ratio Lower Upper
276 100
138 8.6 8.7 13.1#
277 24.9 18.4 27.6

