

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
 Data File : BG057265.D
 Acq On : 2 May 2023 1:22
 Operator : CG/JU
 Sample : 02418-02DL 2X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW8Y8DL

Manual Integrations
 APPROVED

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

Quant Time: May 02 05:41:36 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	8.382	152	19223	20.000	ng/u1	0.00
20) Naphthalene-d8	11.219	136	80451	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.996	164	56996	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.734	188	127543	20.000	ng/u1	0.00
79) Chrysene-d12	22.051	240	106646	20.000	ng/u1	0.00
88) Perylene-d12	25.576	264	115454	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.664	96	480	1.099	ng/uL	0.00
4) Pyridine-d5	4.117	84	3301	2.397	ng/u1	0.02
7) Phenol-d5	7.524	99	16029	8.817	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	7.688	67	9519	8.902	ng/u1	0.00
11) 2-Chlorophenol-d4	7.912	132	11785	9.837	ng/u1	0.00
15) 4-Methylphenol-d8	9.081	113	9539	6.904	ng/u1	0.00
21) Nitrobenzene-d5	9.562	128	6589	10.284	ng/u1	0.00
24) 2-Nitrophenol-d4	10.291	143	7689	10.283	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.837	165	14334	9.937	ng/u1	0.00
31) 4-Chloroaniline-d4	11.342	131	7640	3.996	ng/u1	0.00
46) Dimethylphthalate-d6	14.379	166	49186	10.891	ng/u1	0.00
49) Acenaphthylene-d8	14.691	160	56373	11.106	ng/u1	0.00
54) 4-Nitrophenol-d4	15.184	143	4156m	6.322	ng/u1	0.00
60) Fluorene-d10	15.977	176	43870	10.427	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1	
73) Anthracene-d10	17.833	188	67883	11.660	ng/u1	0.00
81) Pyrene-d10	20.101	212	76394	12.068	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.329	264	67388	11.456	ng/u1	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	9.216	105	3694	1.554	ng/u1	100
52) Acenaphthene	15.061	153	6168	1.678	ng/u1	90
61) Fluorene	16.036	166	7538	1.680	ng/u1#	97
72) Phenanthrene	17.781	178	152453	22.953	ng/u1	100
74) Anthracene	17.869	178	34349	5.148	ng/u1	97
77) Carbazole	18.133	167	10946	1.963	ng/u1	99
80) Fluoranthene	19.766	202	386480	51.397	ng/u1	97
82) Pyrene	20.130	202	341458	44.856	ng/u1#	96
85) Benzo(a)anthracene	22.028	228	200946	26.642	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.869	149	21046	5.936	ng/u1	94
87) Chrysene	22.098	228	187522	26.352	ng/u1	97
90) Benzo(b)fluoranthene	24.448	252	242357	30.313	ng/u1#	97
91) Benzo(k)fluoranthene	24.513	252	96917m	12.460	ng/u1	
93) Benzo(a)pyrene	25.400	252	179947	26.070	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	29.641	276	116833	13.541	ng/u1#	96
95) Dibenzo(a,h)anthracene	29.682	278	29975m	4.190	ng/u1	
96) Benzo(g,h,i)perylene	30.916	276	99163m	14.201	ng/u1	

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

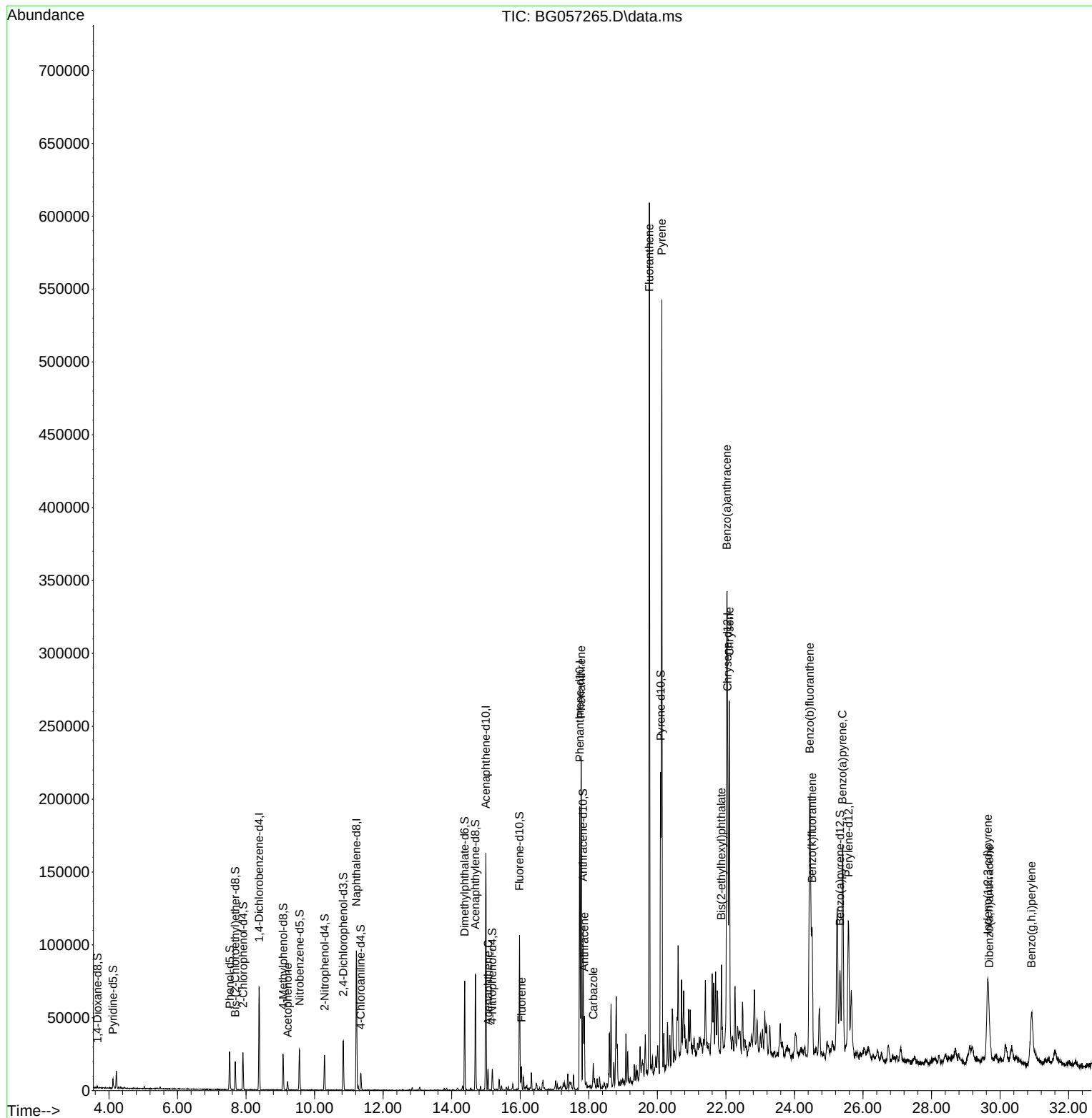
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
Data File : BG057265.D
Acq On : 2 May 2023 1:22
Operator : CG/JU
Sample : 02418-02DL 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

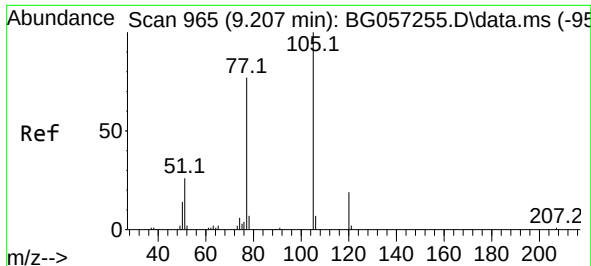
Instrument :
BNA_G
ClientSampleId :
EW8Y8DL

Manual Integrations
APPROVED

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

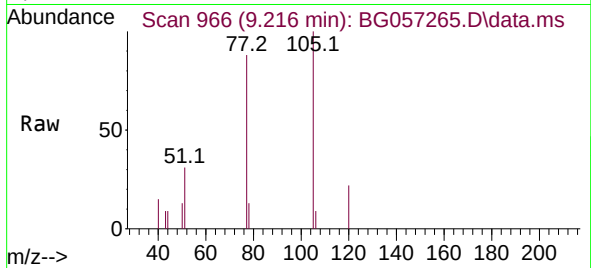
Quant Time: May 02 05:41:36 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 01 12:45:38 2023
Response via : Initial Calibration





#16
Acetophenone
Concen: 1.554 ng/ul
RT: 9.216 min Scan# 965
Delta R.T. 0.006 min
Lab File: BG057265.D
Acq: 2 May 2023 1:22

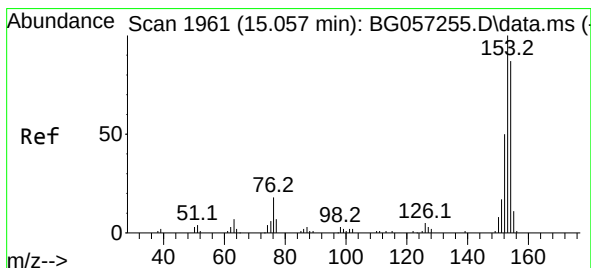
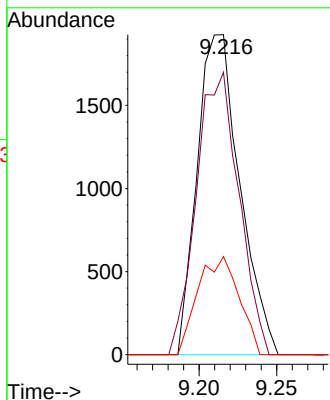
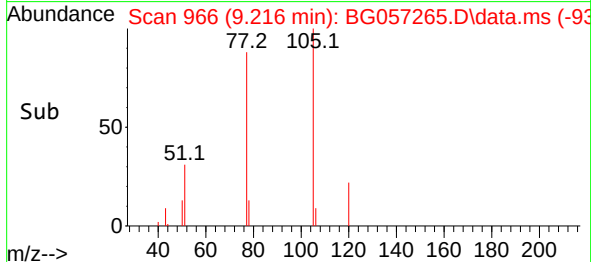
Instrument :
BNA_G
ClientSampleId :
EW8Y8DL



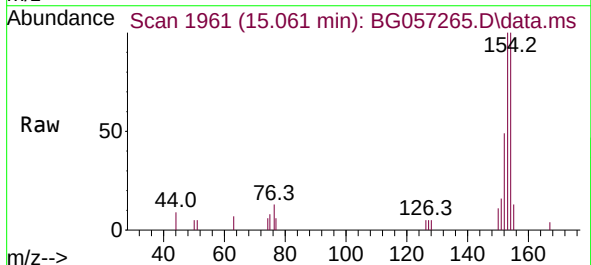
Tgt Ion:105 Resp: 3694
Ion Ratio Lower Upper
105 100
77 88.3 70.6 105.8
51 30.6 24.5 36.7

Manual Integrations
APPROVED

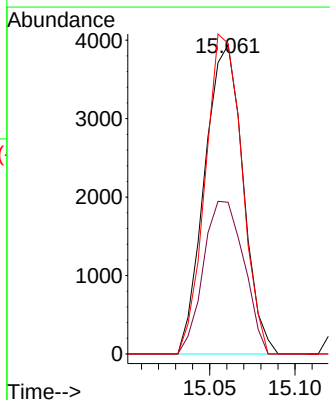
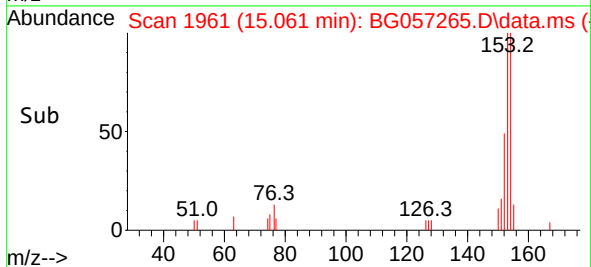
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023

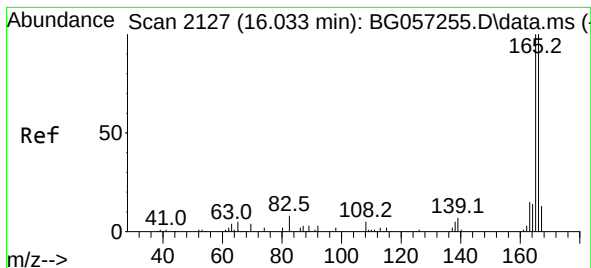


#52
Acenaphthene
Concen: 1.678 ng/ul
RT: 15.061 min Scan# 1961
Delta R.T. 0.000 min
Lab File: BG057265.D
Acq: 2 May 2023 1:22



Tgt Ion:153 Resp: 6168
Ion Ratio Lower Upper
153 100
152 49.1 36.5 54.7
154 100.5 70.6 106.0





#61

Fluorene

Concen: 1.680 ng/ul

RT: 16.036 min Scan# 2127

Delta R.T. 0.000 min

Lab File: BG057265.D

Acq: 2 May 2023 1:22

Instrument :

BNA_G

ClientSampleId :

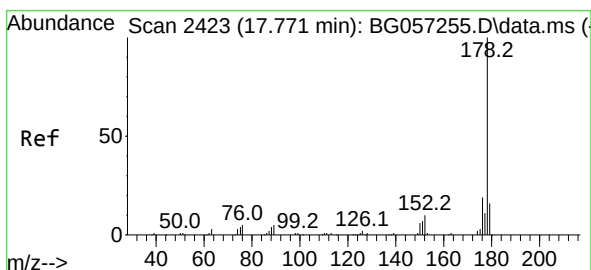
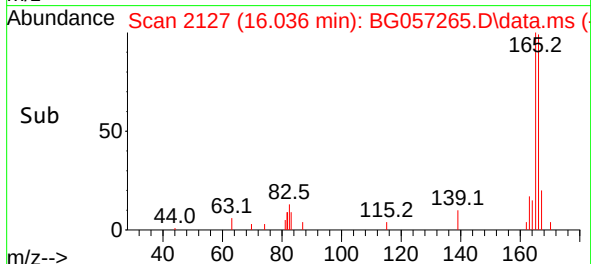
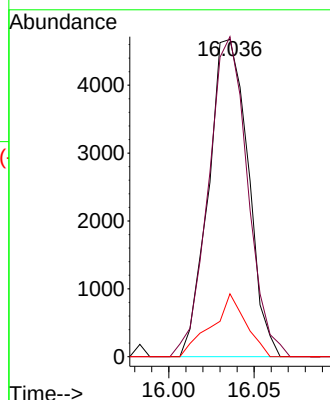
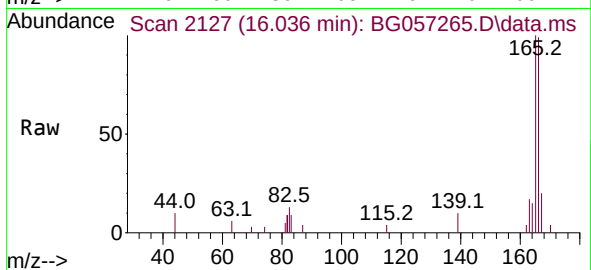
EW8Y8DL

Tgt Ion:166 Resp: 7538
 Ion Ratio Lower Upper
 166 100
 165 100.8 80.1 120.1
 167 19.8 10.2 15.4

Manual Integrations

APPROVED

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



#72

Phenanthrene

Concen: 22.953 ng/ul

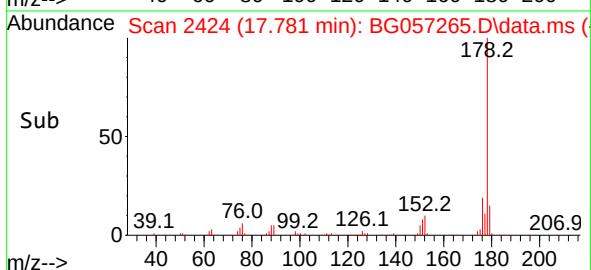
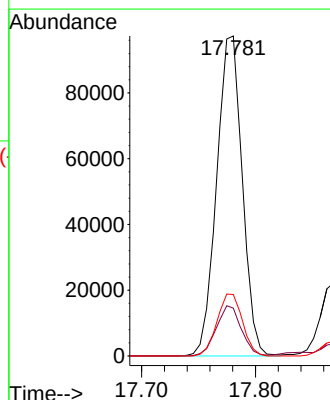
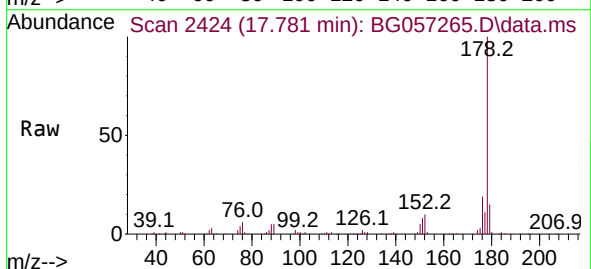
RT: 17.781 min Scan# 2424

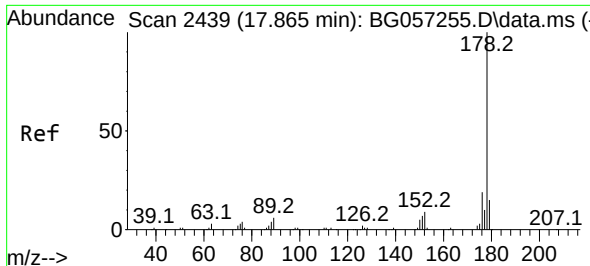
Delta R.T. 0.006 min

Lab File: BG057265.D

Acq: 2 May 2023 1:22

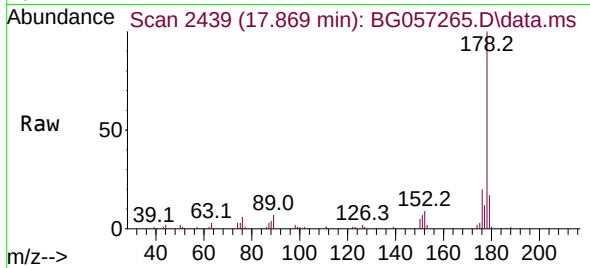
Tgt Ion:178 Resp: 152453
 Ion Ratio Lower Upper
 178 100
 179 15.0 11.8 17.8
 176 19.2 15.4 23.0





#74
 Anthracene
 Concen: 5.148 ng/ul
 RT: 17.869 min Scan# 2439
 Delta R.T. 0.000 min
 Lab File: BG057265.D
 Acq: 2 May 2023 1:22

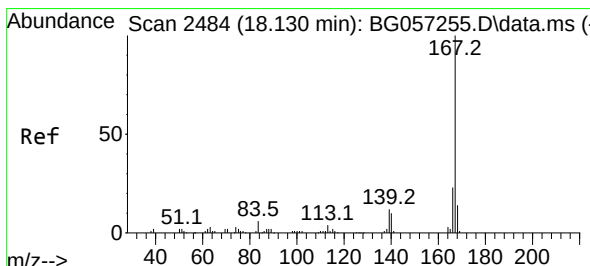
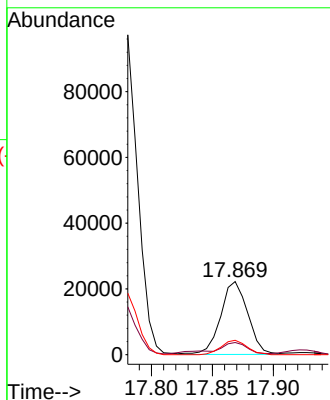
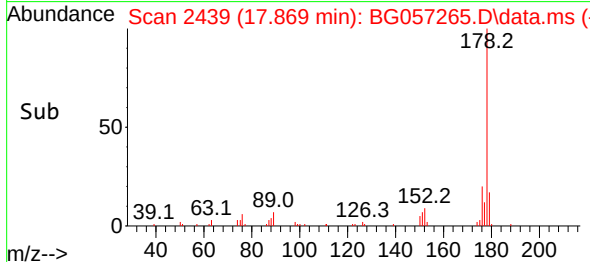
Instrument :
 BNA_G
 ClientSampleId :
 EW8Y8DL



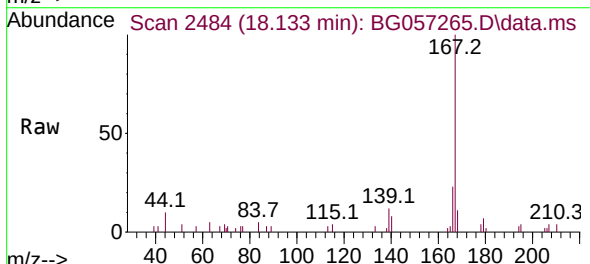
Tgt Ion:178 Resp: 34349
 Ion Ratio Lower Upper
 178 100
 179 16.6 12.5 18.7
 176 19.7 14.7 22.1

Manual Integrations
 APPROVED

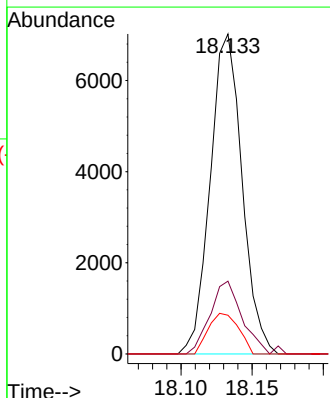
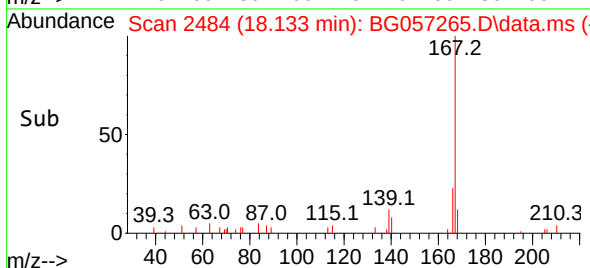
Reviewed By :Christian Giraldo 05/02/2023
 Supervised By :Jagrut Upadhyay 05/02/2023

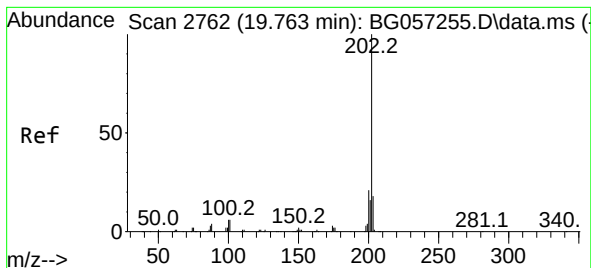


#77
 Carbazole
 Concen: 1.963 ng/ul
 RT: 18.133 min Scan# 2484
 Delta R.T. 0.000 min
 Lab File: BG057265.D
 Acq: 2 May 2023 1:22



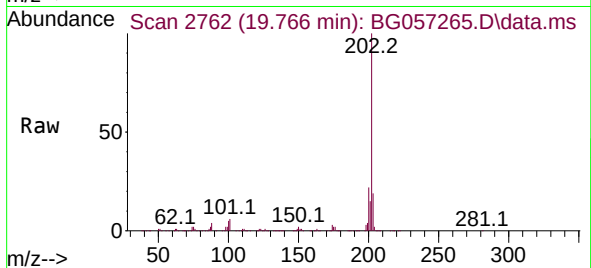
Tgt Ion:167 Resp: 10946
 Ion Ratio Lower Upper
 167 100
 166 22.7 18.0 27.0
 139 12.1 10.3 15.5





#80
Fluoranthene
Concen: 51.397 ng/ul
RT: 19.766 min Scan# 2762
Delta R.T. 0.000 min
Lab File: BG057265.D
Acq: 2 May 2023 1:22

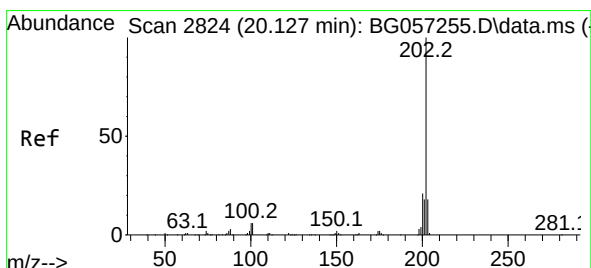
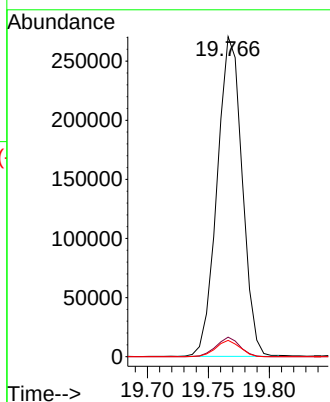
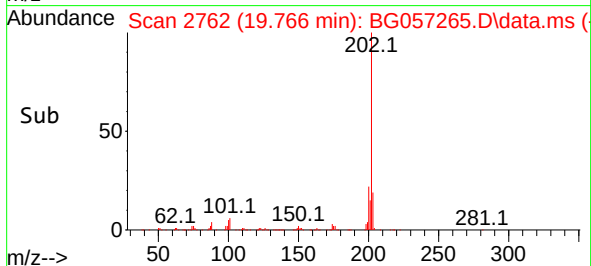
Instrument :
BNA_G
ClientSampleId :
EW8Y8DL



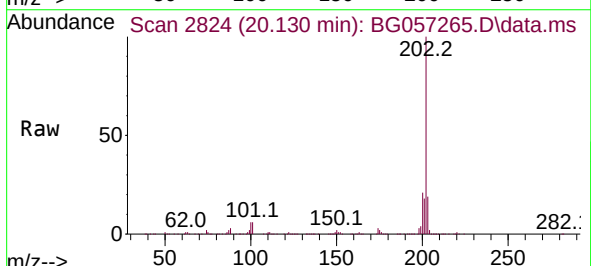
Tgt Ion:202 Resp: 386480
Ion Ratio Lower Upper
202 100
101 6.1 5.8 8.6
100 5.1 4.6 7.0

Manual Integrations
APPROVED

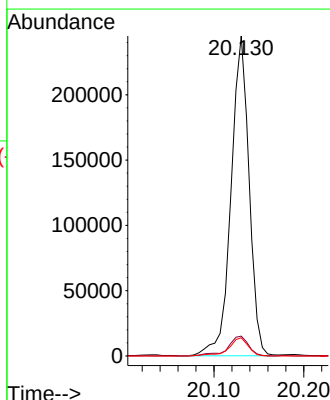
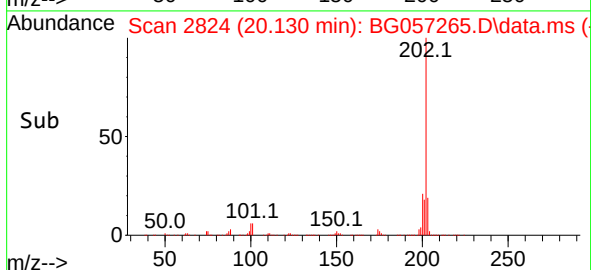
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023

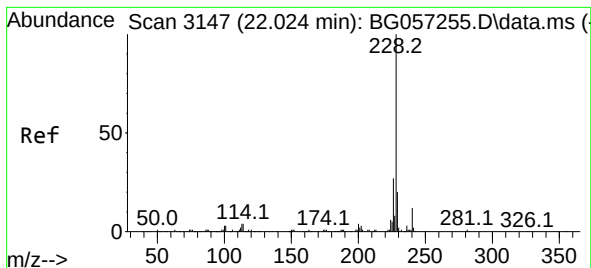


#82
Pyrene
Concen: 44.856 ng/ul
RT: 20.130 min Scan# 2824
Delta R.T. 0.006 min
Lab File: BG057265.D
Acq: 2 May 2023 1:22



Tgt Ion:202 Resp: 341458
Ion Ratio Lower Upper
202 100
101 6.2 5.7 8.5
100 5.7 6.0 9.0#





#85

Benzo(a)anthracene

Concen: 26.642 ng/ul

RT: 22.028 min Scan# 3147

Delta R.T. 0.000 min

Lab File: BG057265.D

Acq: 2 May 2023 1:22

Instrument :

BNA_G

ClientSampleId :

EW8Y8DL

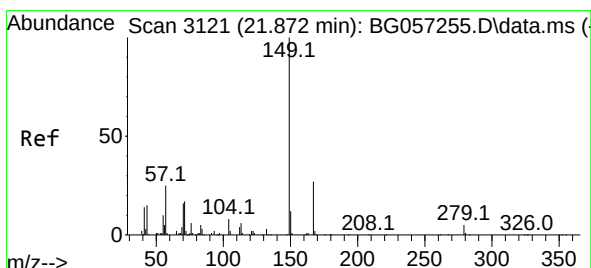
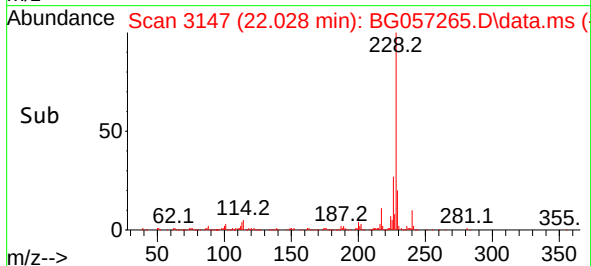
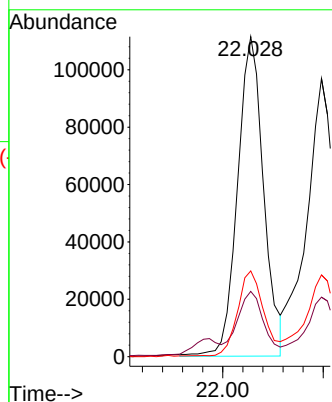
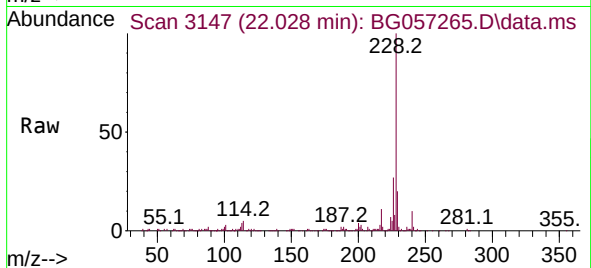
Tgt Ion:228 Resp: 200940

Ion	Ratio	Lower	Upper
228	100		
229	20.4	15.8	23.6
226	26.8	21.7	32.5

Manual Integrations

APPROVED

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



#86

Bis(2-ethylhexyl)phthalate

Concen: 5.936 ng/ul

RT: 21.869 min Scan# 3120

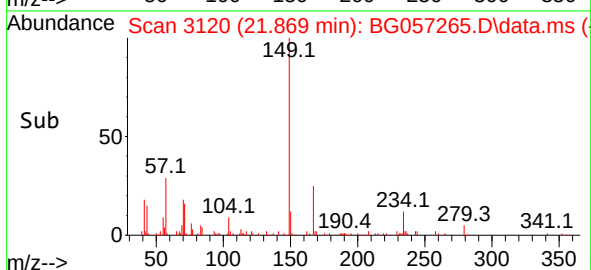
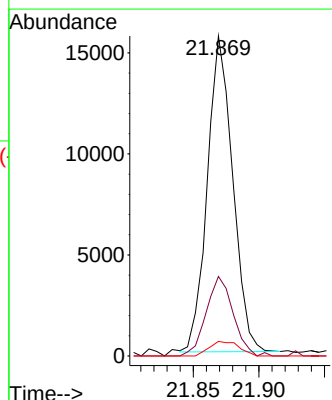
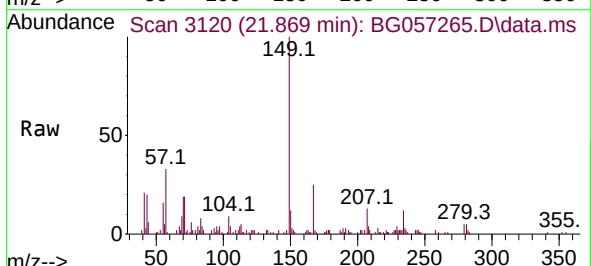
Delta R.T. -0.005 min

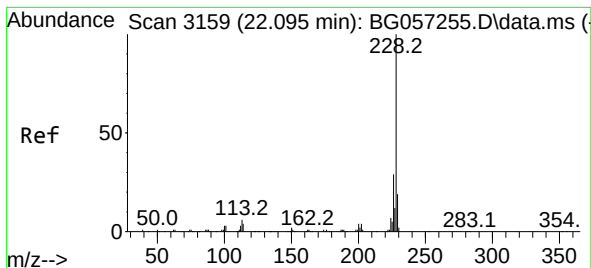
Lab File: BG057265.D

Acq: 2 May 2023 1:22

Tgt Ion:149 Resp: 21046

Ion	Ratio	Lower	Upper
149	100		
167	24.9	23.0	34.6
279	4.6	3.6	5.4





#87

Chrysene

Concen: 26.352 ng/u1

RT: 22.098 min Scan# 3159

Delta R.T. 0.000 min

Lab File: BG057265.D

Acq: 2 May 2023 1:22

Instrument :

BNA_G

ClientSampleId :

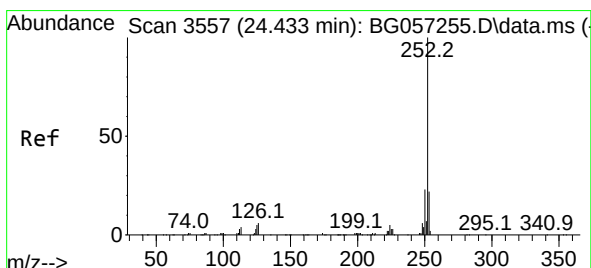
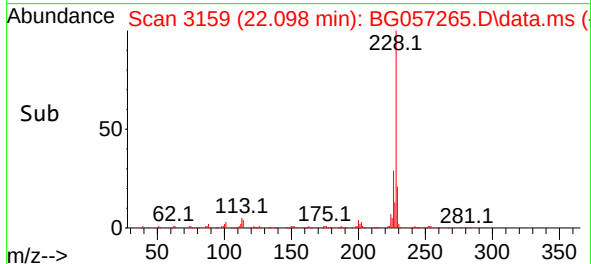
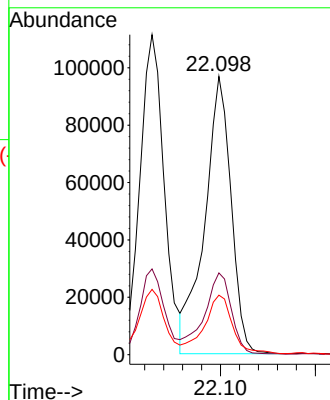
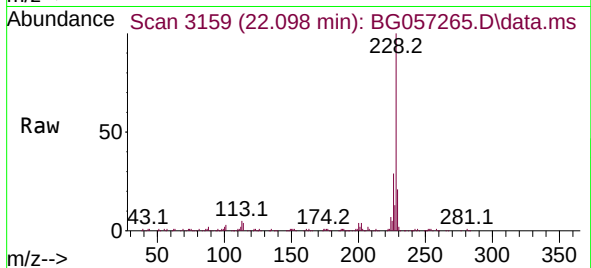
EW8Y8DL

Tgt Ion:	228	Resp:	18752
Ion Ratio	Lower	Upper	
228	100		
226	29.4	22.8	34.2
229	21.4	15.5	23.3

Manual Integrations

APPROVED

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



#90

Benzo(b)fluoranthene

Concen: 30.313 ng/u1

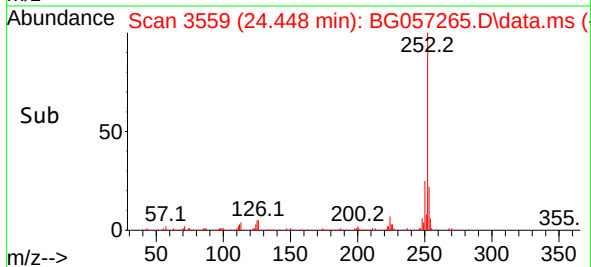
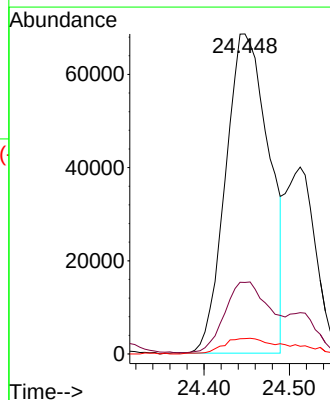
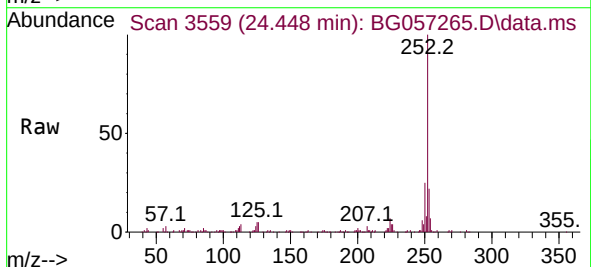
RT: 24.448 min Scan# 3559

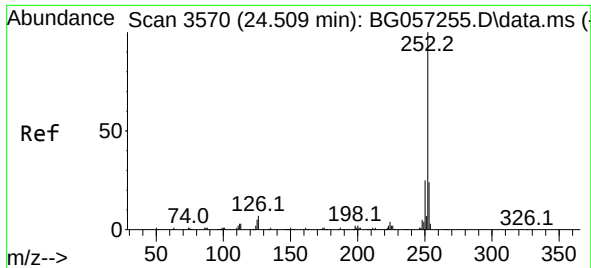
Delta R.T. 0.012 min

Lab File: BG057265.D

Acq: 2 May 2023 1:22

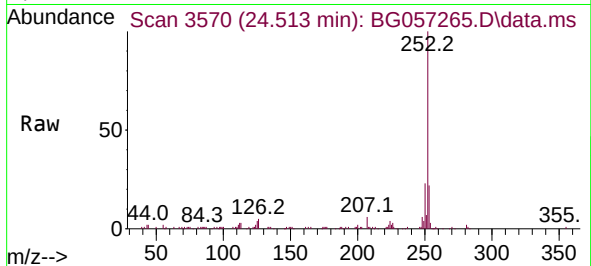
Tgt Ion:	252	Resp:	242357
Ion Ratio	Lower	Upper	
252	100		
253	22.3	16.7	25.1
125	4.8	4.8	7.2#





#91
Benzo(k)fluoranthene
Concen: 12.460 ng/ul m
RT: 24.513 min Scan# 3570
Delta R.T. 0.000 min
Lab File: BG057265.D
Acq: 2 May 2023 1:22

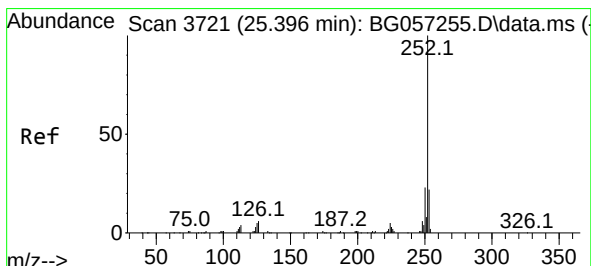
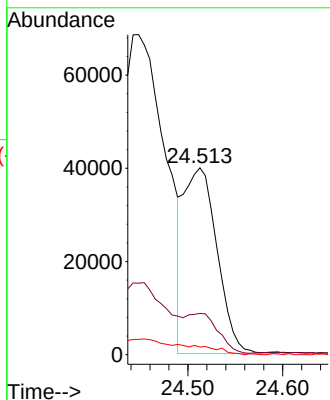
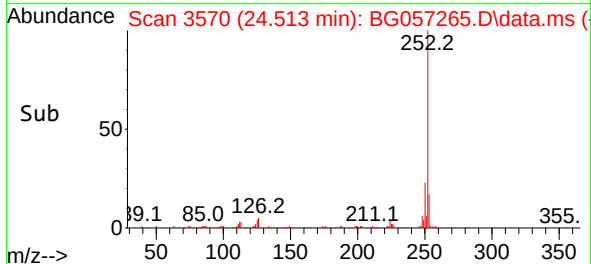
Instrument :
BNA_G
ClientSampleId :
EW8Y8DL



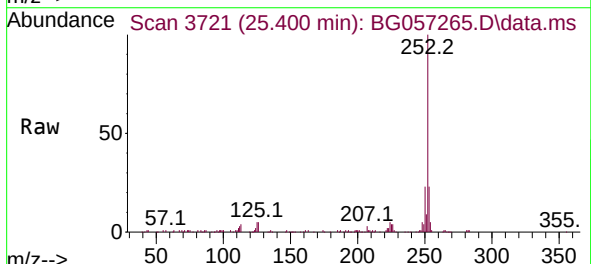
Tgt Ion:252 Resp: 9691
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 4.1 4.5 6.7

Manual Integrations
APPROVED

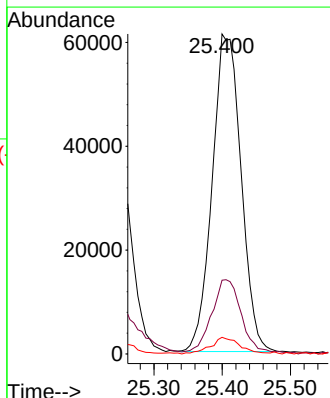
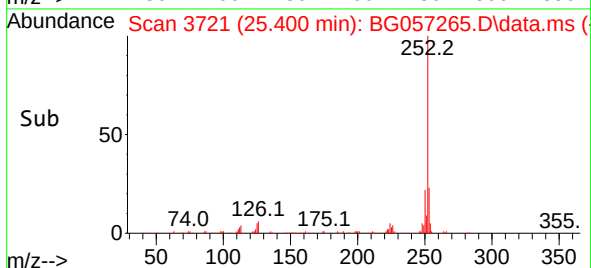
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023

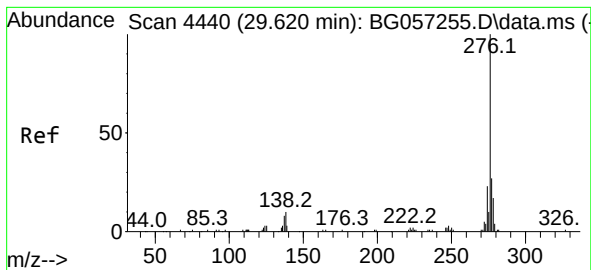


#93
Benzo(a)pyrene
Concen: 26.070 ng/ul
RT: 25.400 min Scan# 3721
Delta R.T. 0.000 min
Lab File: BG057265.D
Acq: 2 May 2023 1:22



Tgt Ion:252 Resp: 179947
Ion Ratio Lower Upper
252 100
253 23.0 17.2 25.8
125 5.2 5.1 7.7





#94

Indeno(1,2,3-cd)pyrene

Concen: 13.541 ng/ul

RT: 29.641 min Scan# 44

Delta R.T. 0.018 min

Lab File: BG057265.D

Acq: 2 May 2023 1:22

Instrument :

BNA_G

ClientSampleId :

EW8Y8DL

Tgt Ion:276 Resp: 11683

Ion Ratio Lower Upper

276 100

138 9.4 9.4 14.2

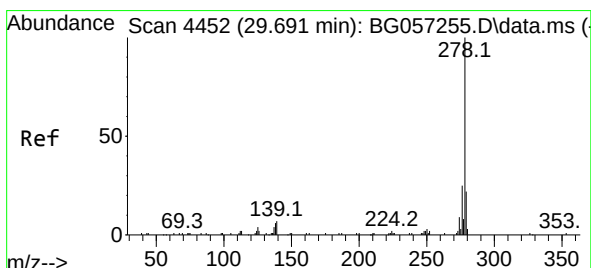
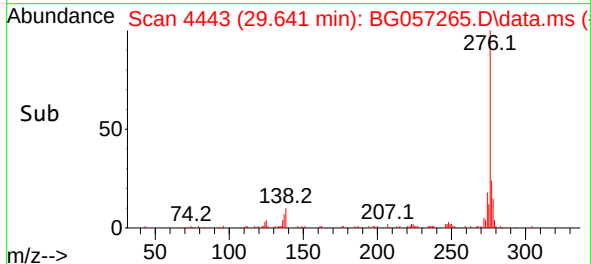
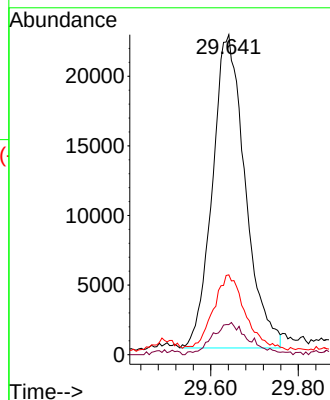
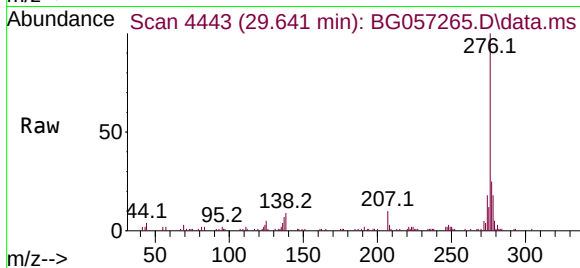
277 25.0 18.6 28.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/02/2023

Supervised By :Jagrut Upadhyay 05/02/2023



#95

Dibenzo(a,h)anthracene

Concen: 4.190 ng/ul m

RT: 29.682 min Scan# 4450

Delta R.T. -0.011 min

Lab File: BG057265.D

Acq: 2 May 2023 1:22

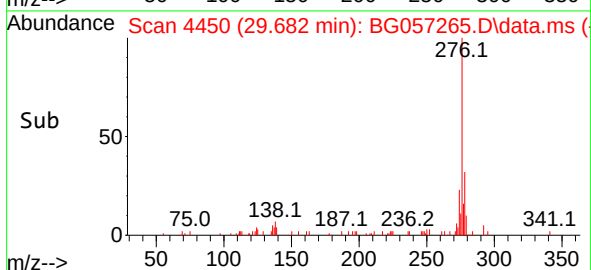
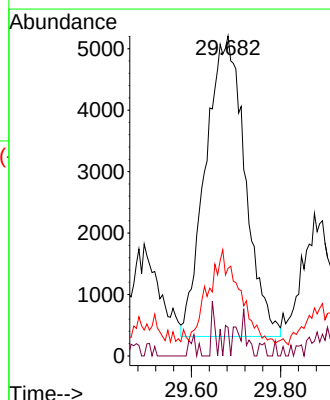
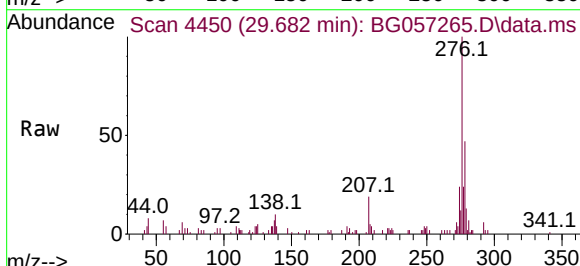
Tgt Ion:278 Resp: 29975

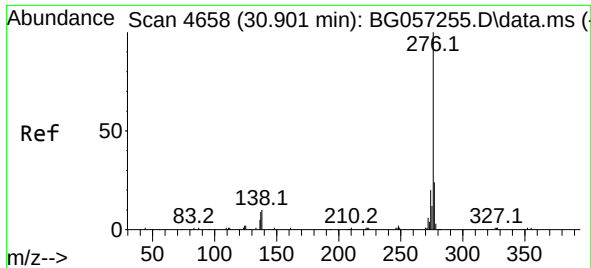
Ion Ratio Lower Upper

278 100

139 8.9 5.8 8.6

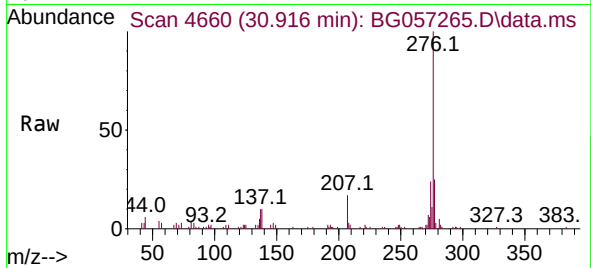
279 27.4 18.3 27.5





#96
 Benzo(g,h,i)perylene
 Concen: 14.201 ng/ul m
 RT: 30.916 min Scan# 4
 Delta R.T. 0.006 min
 Lab File: BG057265.D
 Acq: 2 May 2023 1:22

Instrument :
 BNA_G
 ClientSampleId :
 EW8Y8DL



Tgt Ion:276 Resp: 9916
 Ion Ratio Lower Upper
 276 100
 138 9.8 8.7 13.1
 277 24.6 18.4 27.6

Manual Integrations
 APPROVED

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

