

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
 Data File : BG057274.D
 Acq On : 2 May 2023 11:40
 Operator : CG/JU
 Sample : 02419-31
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW926

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/03/2023
 Supervised By : Jagrut Upadhyay 05/03/2023

Quant Time: May 03 01:36:24 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	8.385	152	15713	20.000	ng/u1	0.00
20) Naphthalene-d8	11.222	136	67447	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.994	164	45825	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.731	188	92860	20.000	ng/u1	0.00
79) Chrysene-d12	22.049	240	80959	20.000	ng/u1	0.00
88) Perylene-d12	25.579	264	88451	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.656	96	447	1.252	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.521	99	14414	9.700	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.686	67	10103	11.559	ng/u1	0.00
11) 2-Chlorophenol-d4	7.909	132	10813	11.042	ng/u1	0.00
15) 4-Methylphenol-d8	9.084	113	3331	2.949	ng/u1	0.00
21) Nitrobenzene-d5	9.560	128	6742	12.552	ng/u1	0.00
24) 2-Nitrophenol-d4	10.288	143	6248	9.967	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.835	165	11242	9.296	ng/u1	0.00
31) 4-Chloroaniline-d4	11.346	131	10910	6.807	ng/u1	0.00
46) Dimethylphthalate-d6	14.377	166	48448	13.343	ng/u1	0.00
49) Acenaphthylene-d8	14.694	160	57178	14.011	ng/u1	0.00
54) 4-Nitrophenol-d4	15.199	143	66	0.125	ng/u1	0.02
60) Fluorene-d10	15.980	176	43132	12.751	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0	0.000	ng/u1	
73) Anthracene-d10	17.831	188	60184	14.199	ng/u1	0.00
81) Pyrene-d10	20.098	212	70267	14.622	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.333	264	64305	14.270	ng/u1	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	9.213	105	4425	2.277	ng/u1	93
72) Phenanthrene	17.778	178	11519	2.382	ng/u1#	96
80) Fluoranthene	19.769	202	26269	4.602	ng/u1	97
82) Pyrene	20.128	202	21687	3.753	ng/u1	99
85) Benzo(a)anthracene	22.031	228	13675	2.388	ng/u1#	87
87) Chrysene	22.096	228	13228	2.449	ng/u1#	83
90) Benzo(b)fluoranthene	24.445	252	17281	2.821	ng/u1#	68
91) Benzo(k)fluoranthene	24.516	252	7368m	1.236	ng/u1	
93) Benzo(a)pyrene	25.409	252	12058	2.280	ng/u1#	75
94) Indeno(1,2,3-cd)pyrene	29.644	276	9717m	1.470	ng/u1	
96) Benzo(g,h,i)perylene	30.919	276	9350m	1.748	ng/u1	

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

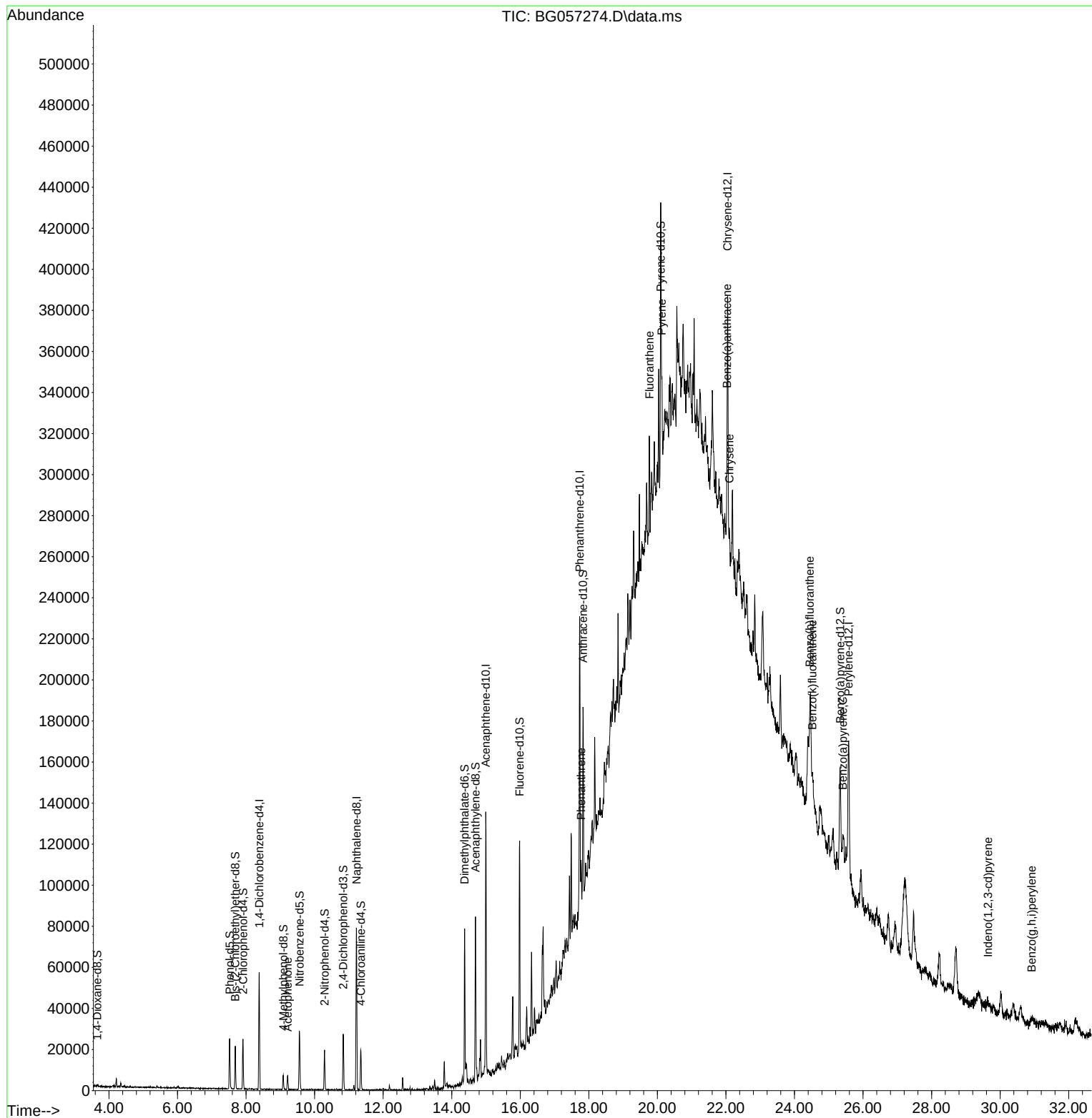
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
 Data File : BG057274.D
 Acq On : 2 May 2023 11:40
 Operator : CG/JU
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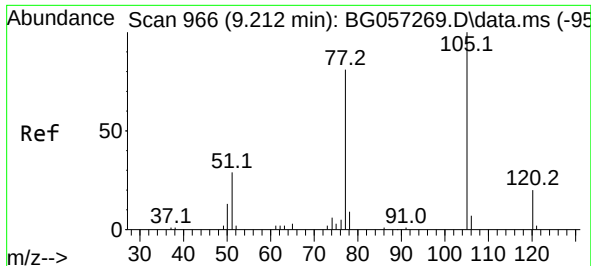
Instrument :
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Quant Time: May 03 01:36:24 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
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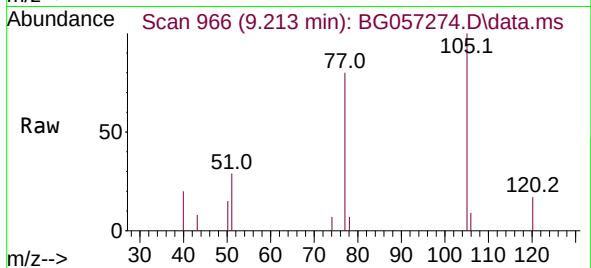
Reviewed By : Christian Giraldo 05/03/2023
 Supervised By : Jagrut Upadhyay 05/03/2023





#16
Acetophenone
Concen: 2.277 ng/ul
RT: 9.213 min Scan# 90
Delta R.T. 0.004 min
Lab File: BG057274.D
Acq: 2 May 2023 11:40

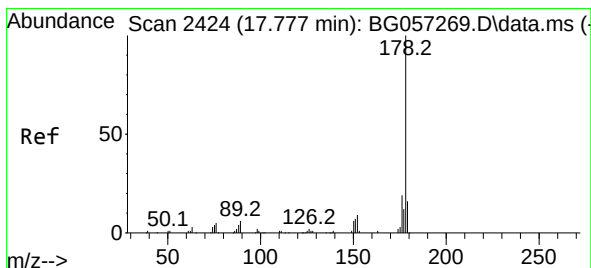
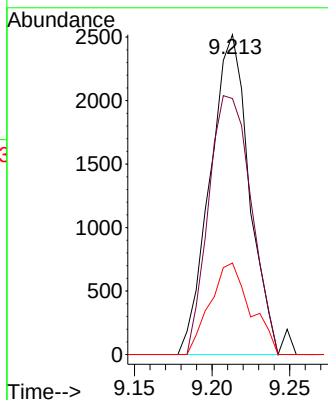
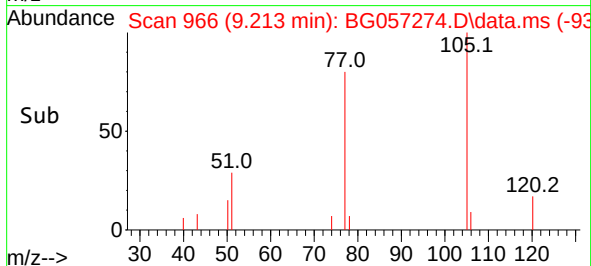
Instrument :
BNA_G
ClientSampleId :
EW926



Tgt Ion:	105	Resp:	4425
Ion Ratio	Lower	Upper	
105	100		
77	80.0	70.6	105.8
51	28.6	24.5	36.7

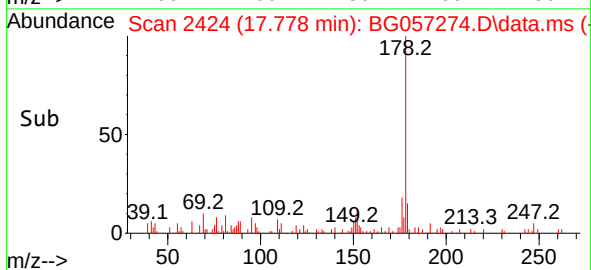
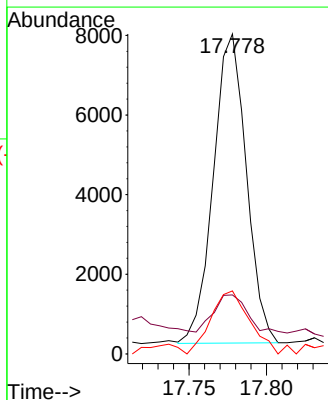
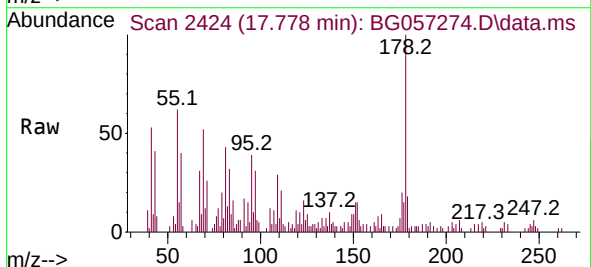
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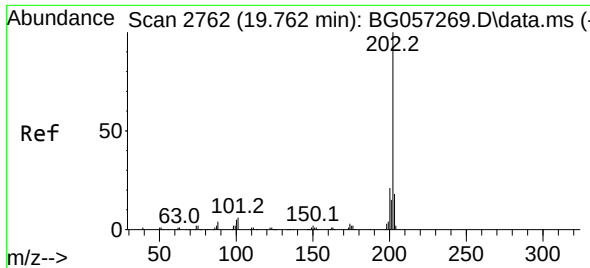
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023



#72
Phenanthrene
Concen: 2.382 ng/ul
RT: 17.778 min Scan# 2424
Delta R.T. 0.004 min
Lab File: BG057274.D
Acq: 2 May 2023 11:40

Tgt Ion:	178	Resp:	11519
Ion Ratio	Lower	Upper	
178	100		
179	18.4	11.8	17.8#
176	19.7	15.4	23.0





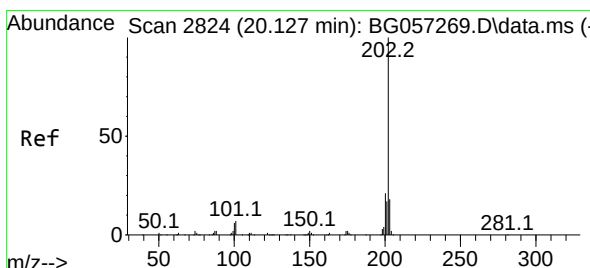
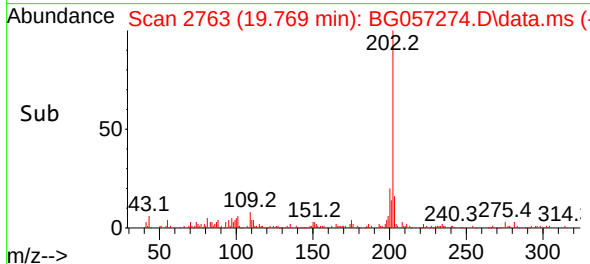
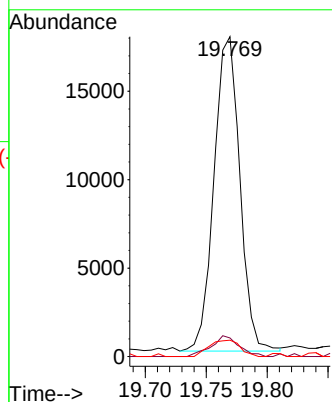
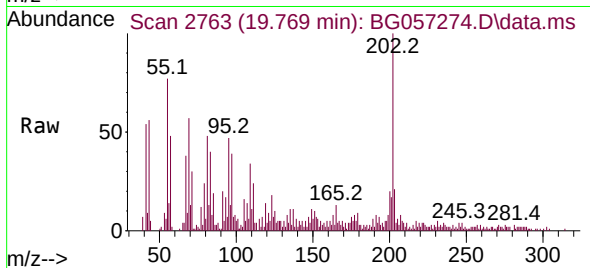
#80
Fluoranthene
Concen: 4.602 ng/u1
RT: 19.769 min Scan# 21
Delta R.T. 0.004 min
Lab File: BG057274.D
Acq: 2 May 2023 11:40

Instrument :
BNA_G
ClientSampleId :
EW926

Tgt Ion:202 Resp: 26269
Ion Ratio Lower Upper
202 100
101 5.8 5.8 8.6
100 5.1 4.6 7.0

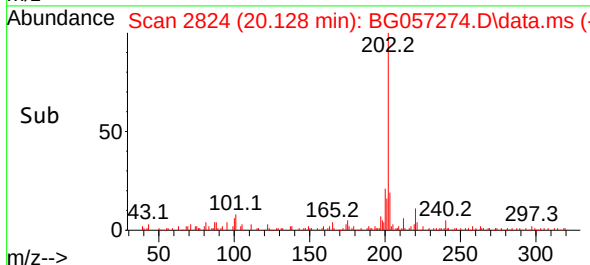
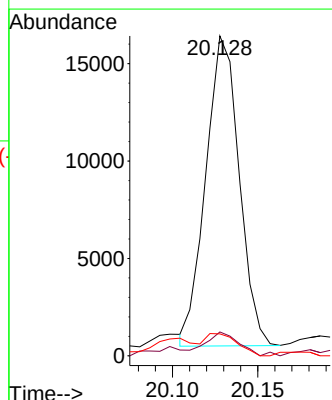
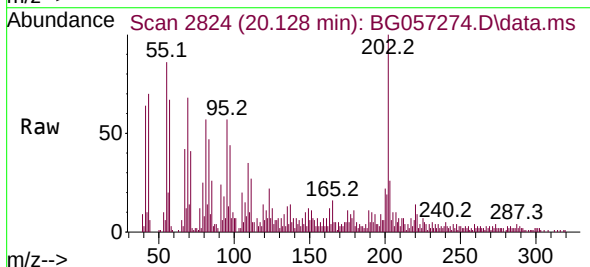
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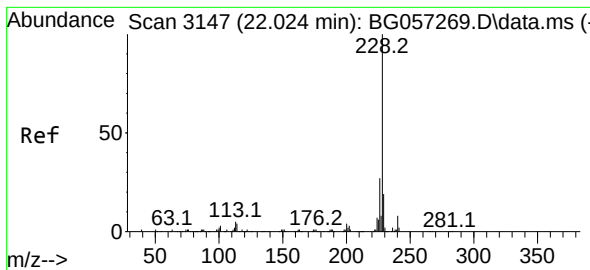
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023



#82
Pyrene
Concen: 3.753 ng/u1
RT: 20.128 min Scan# 2824
Delta R.T. 0.004 min
Lab File: BG057274.D
Acq: 2 May 2023 11:40

Tgt Ion:202 Resp: 21687
Ion Ratio Lower Upper
202 100
101 7.5 5.7 8.5
100 6.9 6.0 9.0





#85

Benzo(a)anthracene

Concen: 2.388 ng/u1

RT: 22.031 min Scan# 3147

Delta R.T. 0.004 min

Lab File: BG057274.D

Acq: 2 May 2023 11:40

Instrument :

BNA_G

ClientSampleId :

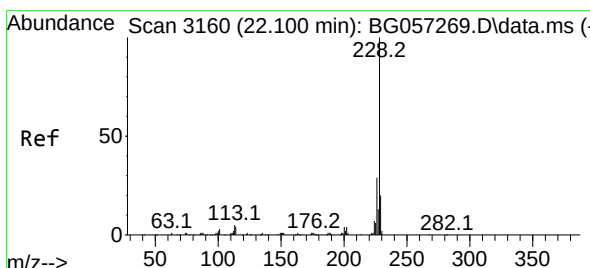
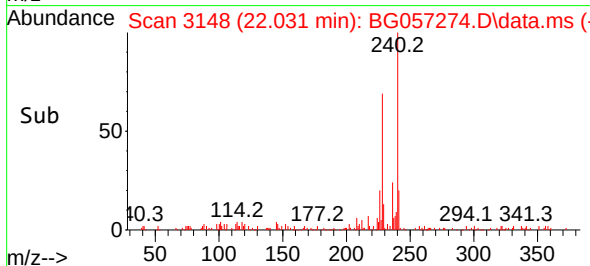
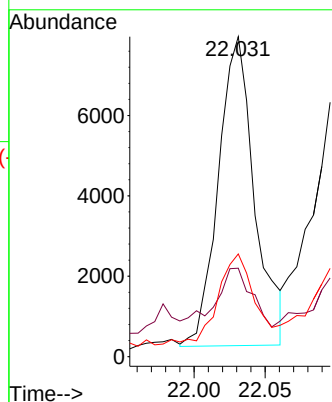
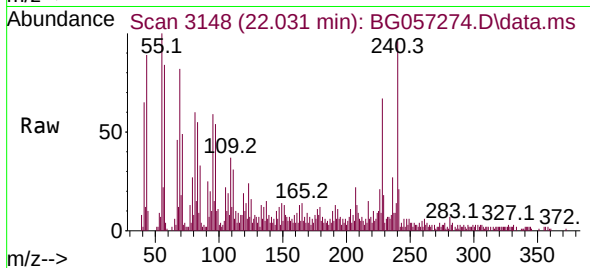
EW926

Tgt Ion:	228	Resp:	13675
Ion Ratio	Lower	Upper	
228	100		
229	27.6	15.8	23.6
226	32.1	21.7	32.5

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Supervised By :Jagrut Upadhyay 05/03/2023



#87

Chrysene

Concen: 2.449 ng/u1

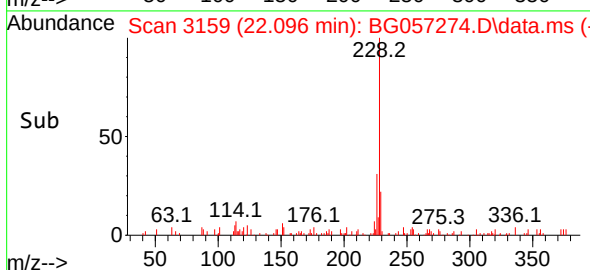
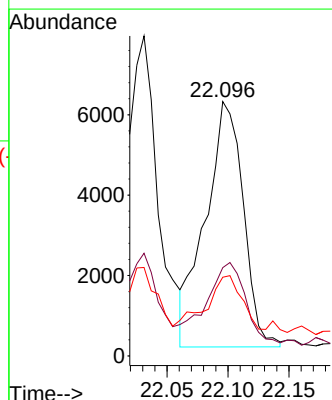
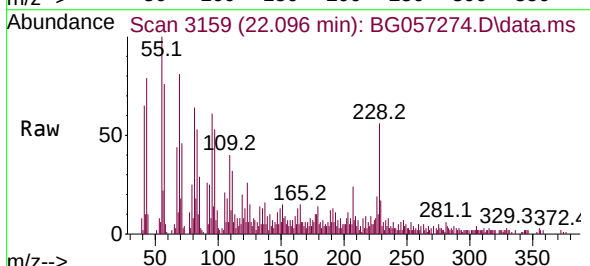
RT: 22.096 min Scan# 3159

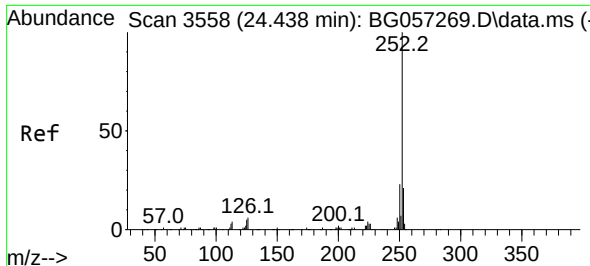
Delta R.T. -0.002 min

Lab File: BG057274.D

Acq: 2 May 2023 11:40

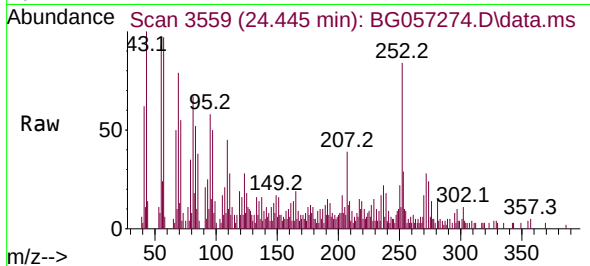
Tgt Ion:	228	Resp:	13228
Ion Ratio	Lower	Upper	
228	100		
226	34.7	22.8	34.2
229	30.9	15.5	23.3





#90
Benzo(b)fluoranthene
Concen: 2.821 ng/ul
RT: 24.445 min Scan# 3558
Delta R.T. 0.010 min
Lab File: BG057274.D
Acq: 2 May 2023 11:40

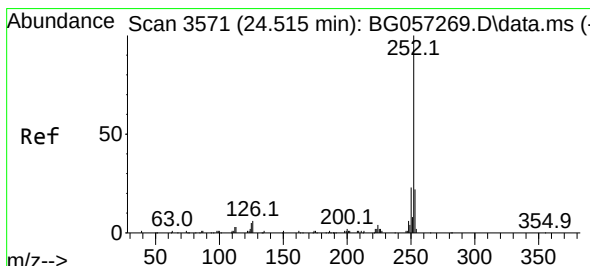
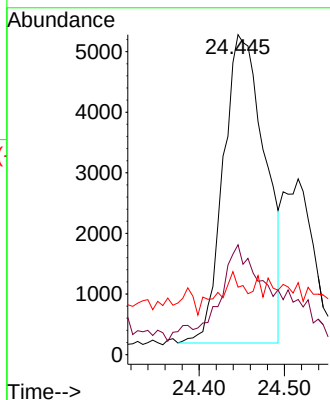
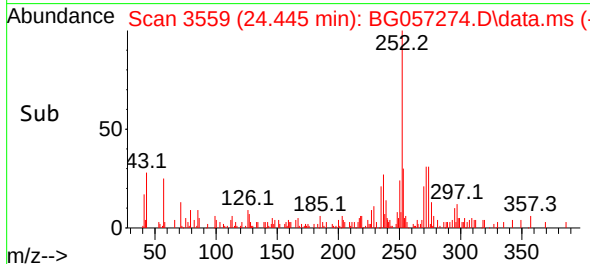
Instrument :
BNA_G
ClientSampleId :
EW926



Tgt Ion:252 Resp: 1728
Ion Ratio Lower Upper
252 100
253 34.3 16.7 25.1#
125 21.1 4.8 7.2#

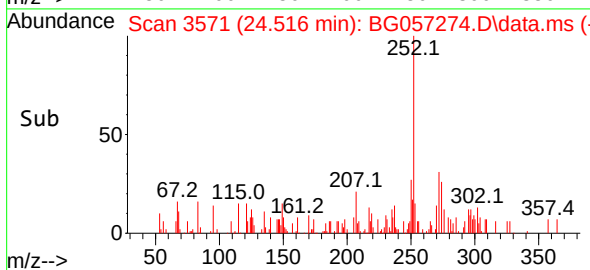
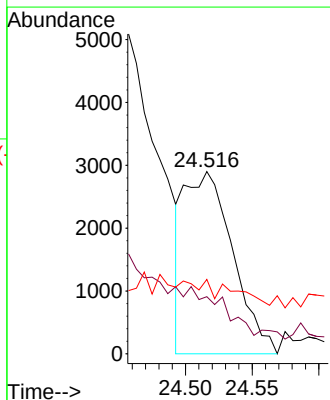
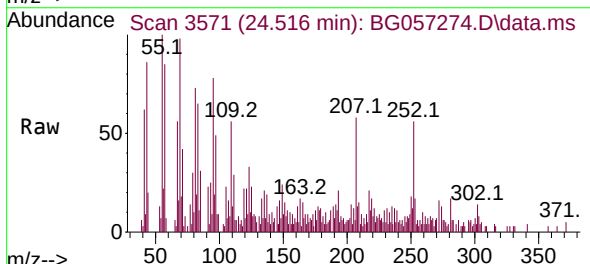
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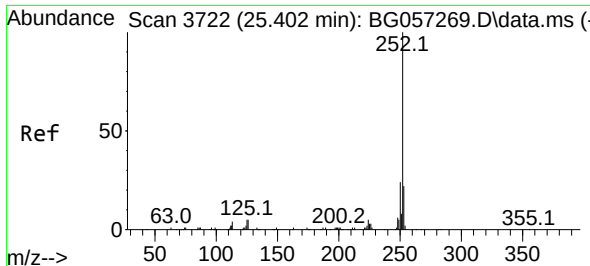
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023



#91
Benzo(k)fluoranthene
Concen: 1.236 ng/ul m
RT: 24.516 min Scan# 3571
Delta R.T. 0.004 min
Lab File: BG057274.D
Acq: 2 May 2023 11:40

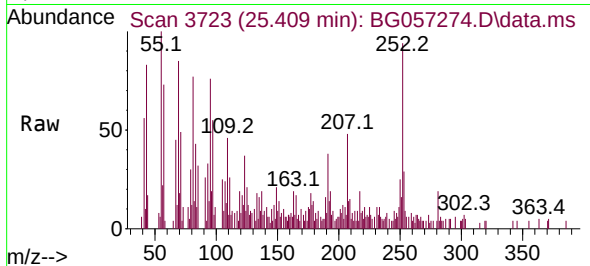
Tgt Ion:252 Resp: 7368
Ion Ratio Lower Upper
252 100
253 31.3 17.7 26.5#
125 40.9 4.5 6.7#





#93
Benzo(a)pyrene
Concen: 2.280 ng/ul
RT: 25.409 min Scan# 3722
Delta R.T. 0.010 min
Lab File: BG057274.D
Acq: 2 May 2023 11:40

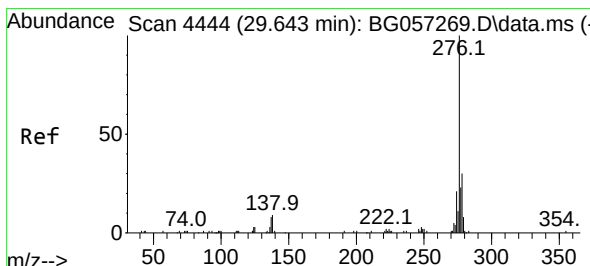
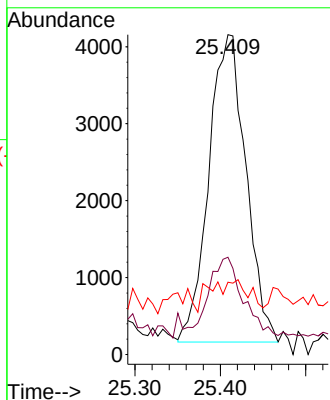
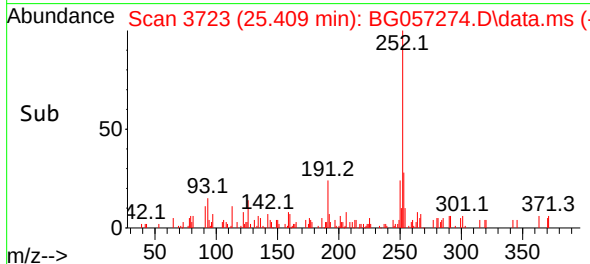
Instrument :
BNA_G
ClientSampleId :
EW926



Tgt Ion:252 Resp: 12058
Ion Ratio Lower Upper
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253 30.4 17.2 25.8
125 22.6 5.1 7.7

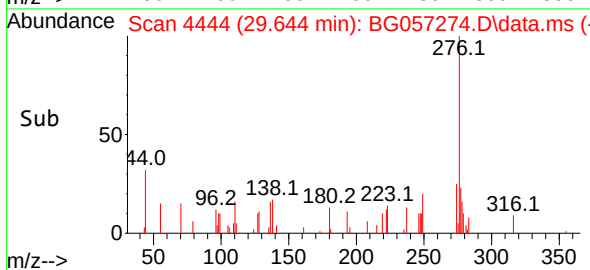
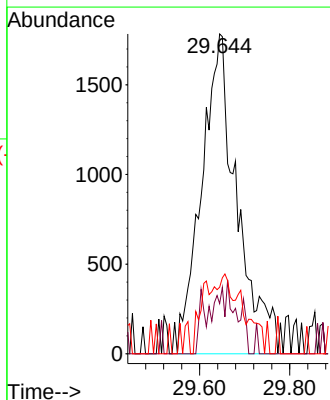
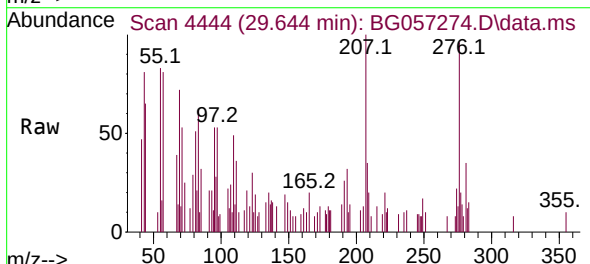
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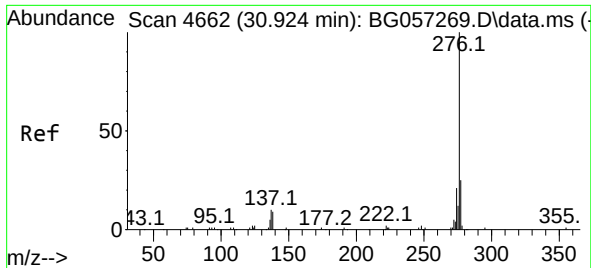
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023



#94
Indeno(1,2,3-cd)pyrene
Concen: 1.470 ng/ul m
RT: 29.644 min Scan# 4444
Delta R.T. 0.021 min
Lab File: BG057274.D
Acq: 2 May 2023 11:40

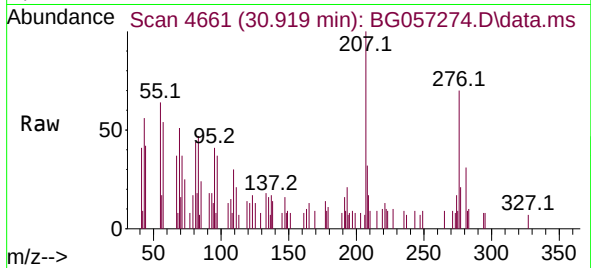
Tgt Ion:276 Resp: 9717
Ion Ratio Lower Upper
276 100
138 15.7 9.4 14.2
277 20.8 18.6 28.0





#96
 Benzo(g,h,i)perylene
 Concen: 1.748 ng/ul m
 RT: 30.919 min Scan# 4661
 Delta R.T. 0.010 min
 Lab File: BG057274.D
 Acq: 2 May 2023 11:40

Instrument :
 BNA_G
 ClientSampleId :
 EW926



Tgt Ion:276 Resp: 9350
 Ion Ratio Lower Upper
 276 100
 138 19.8 8.7 13.1
 277 29.9 18.4 27.6

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