

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
 Data File : BG057272.D
 Acq On : 2 May 2023 10:17
 Operator : CG/JU
 Sample : 02419-23
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW920

Manual Integrations
 APPROVED

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

Quant Time: May 03 01:24:41 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	8.379	152	17999	20.000	ng/u1	0.00
20) Naphthalene-d8	11.216	136	73853	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.993	164	47983	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.737	188	97143	20.000	ng/u1	# 0.00
79) Chrysene-d12	22.054	240	85912	20.000	ng/u1	0.00
88) Perylene-d12	25.585	264	94065	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.668	96	811	1.983	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.521	99	21861	12.843	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.686	67	14590	14.573	ng/u1	0.00
11) 2-Chlorophenol-d4	7.909	132	17126	15.268	ng/u1	0.00
15) 4-Methylphenol-d8	9.084	113	3565	2.756	ng/u1	0.00
21) Nitrobenzene-d5	9.560	128	10030	17.054	ng/u1	0.00
24) 2-Nitrophenol-d4	10.288	143	11116	16.195	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.834	165	17449	13.177	ng/u1	0.00
31) 4-Chloroaniline-d4	11.351	131	13919	7.931	ng/u1	0.00
46) Dimethylphthalate-d6	14.377	166	68216	17.942	ng/u1	0.00
49) Acenaphthylene-d8	14.694	160	77782	18.202	ng/u1	0.00
54) 4-Nitrophenol-d4	15.193	143	1326m	2.396	ng/u1	0.02
60) Fluorene-d10	15.980	176	59786	16.880	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0	0.000	ng/u1	
73) Anthracene-d10	17.831	188	80565	18.169	ng/u1	0.00
81) Pyrene-d10	20.104	212	97756	19.170	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.338	264	86469	18.043	ng/u1	0.02
Target Compounds						
					Qvalue	
72) Phenanthrene	17.778	178	11228	2.220	ng/u1#	86
80) Fluoranthene	19.769	202	24178	3.991	ng/u1#	97
82) Pyrene	20.134	202	24789	4.042	ng/u1#	97
85) Benzo(a)anthracene	22.037	228	13591	2.237	ng/u1#	85
87) Chrysene	22.107	228	14701	2.564	ng/u1#	77
90) Benzo(b)fluoranthene	24.451	252	15630m	2.399	ng/u1	
91) Benzo(k)fluoranthene	24.528	252	6671m	1.053	ng/u1	
93) Benzo(a)pyrene	25.420	252	11055m	1.966	ng/u1	
94) Indeno(1,2,3-cd)pyrene	29.650	276	8860m	1.260	ng/u1	
96) Benzo(g,h,i)perylene	30.937	276	7341m	1.290	ng/u1	

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

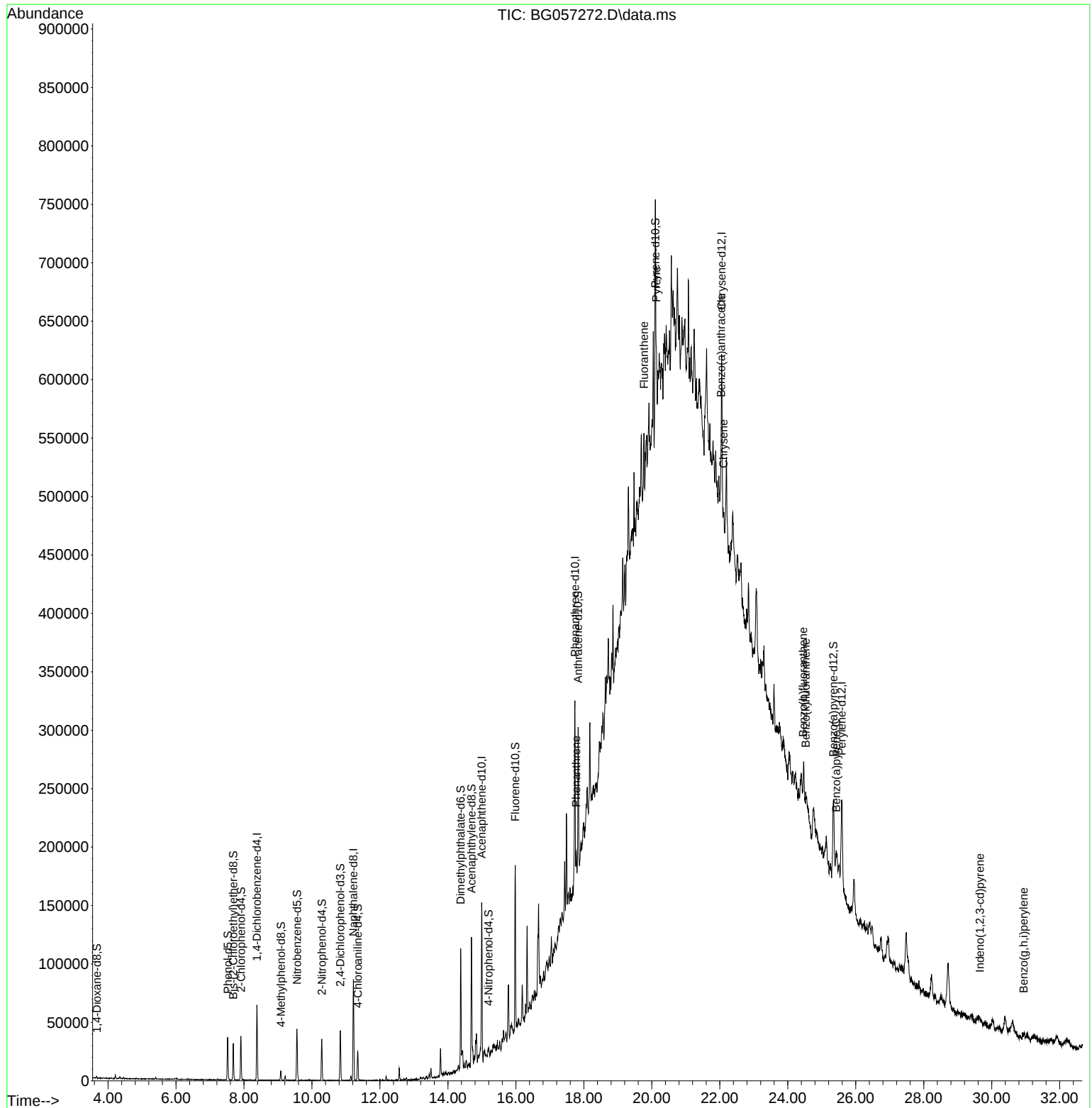
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
Data File : BG057272.D
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Operator : CG/JU
Sample : 02419-23
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ALS Vial : 29 Sample Multiplier: 1

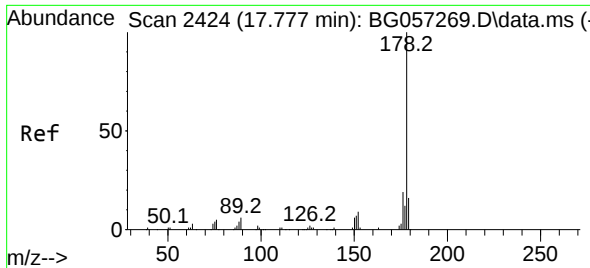
Instrument :
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Quant Title : SVOA CALIBRATION
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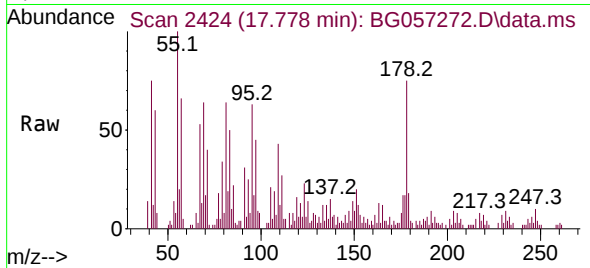
Reviewed By : Christian Giraldo 05/03/2023
Supervised By : Jagrut Upadhyay 05/03/2023





#72
Phenanthrene
Concen: 2.220 ng/ul
RT: 17.778 min Scan# 2424
Delta R.T. 0.004 min
Lab File: BG057272.D
Acq: 2 May 2023 10:17

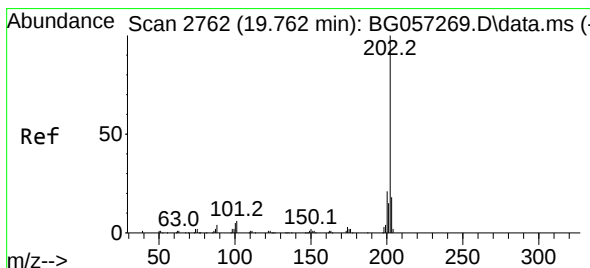
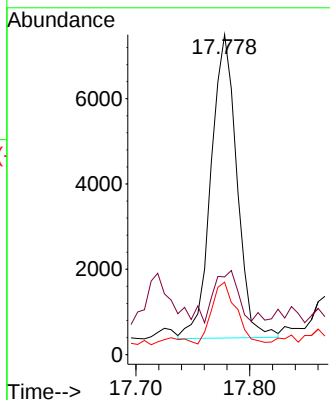
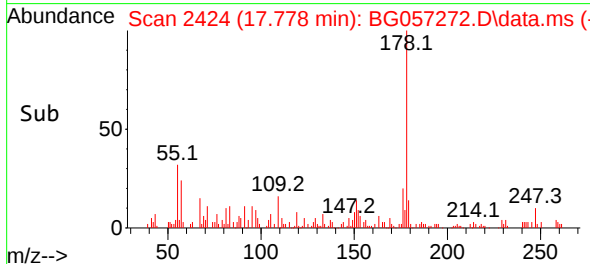
Instrument :
BNA_G
ClientSampleId :
EW920



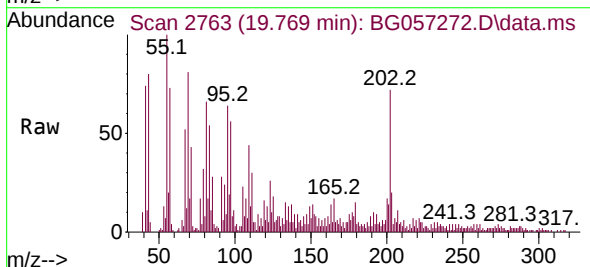
Tgt Ion:178 Resp: 11228
Ion Ratio Lower Upper
178 100
179 24.3 11.8 17.8
176 22.6 15.4 23.0

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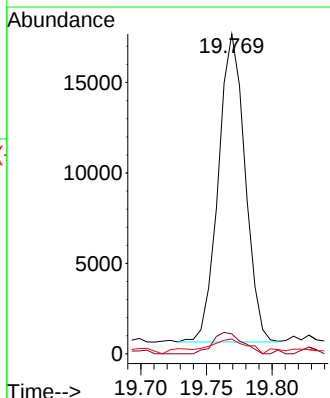
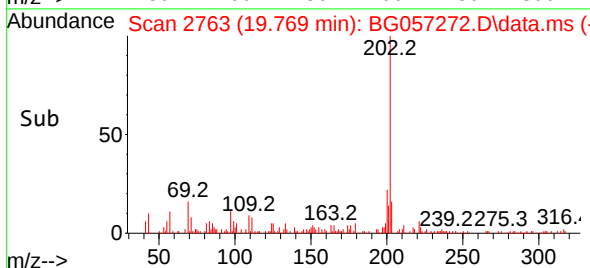
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023

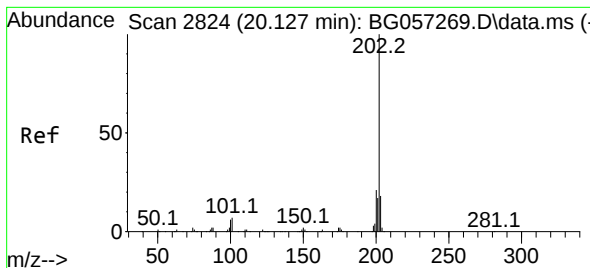


#80
Fluoranthene
Concen: 3.991 ng/ul
RT: 19.769 min Scan# 2763
Delta R.T. 0.004 min
Lab File: BG057272.D
Acq: 2 May 2023 10:17



Tgt Ion:202 Resp: 24178
Ion Ratio Lower Upper
202 100
101 6.2 5.8 8.6
100 4.6 4.6 7.0





#82

Pyrene

Concen: 4.042 ng/ul

RT: 20.134 min Scan# 2824

Delta R.T. 0.009 min

Lab File: BG057272.D

Acq: 2 May 2023 10:17

Instrument :

BNA_G

ClientSampleId :

EW920

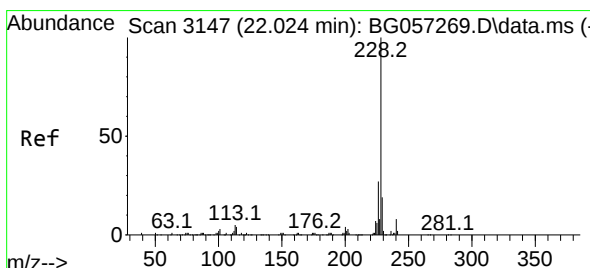
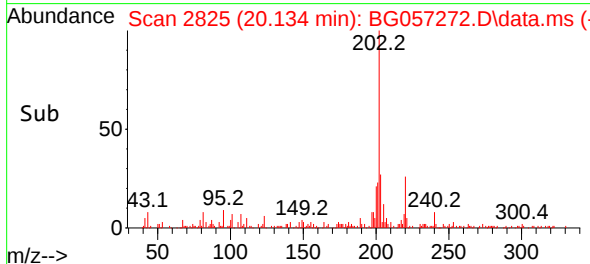
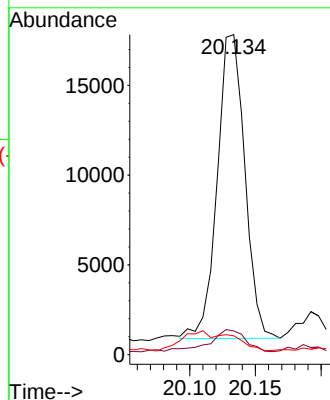
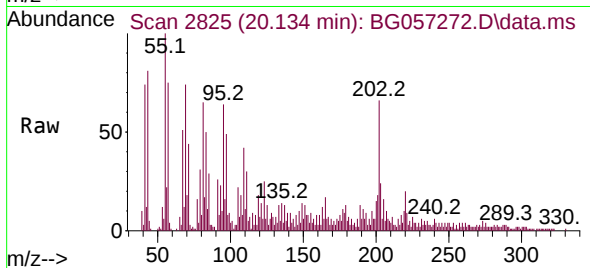
Tgt Ion:202	Resp:	24789
Ion Ratio	Lower	Upper
202	100	
101	7.4	5.7 8.5
100	5.9	6.0 9.0

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#85

Benzo(a)anthracene

Concen: 2.237 ng/ul

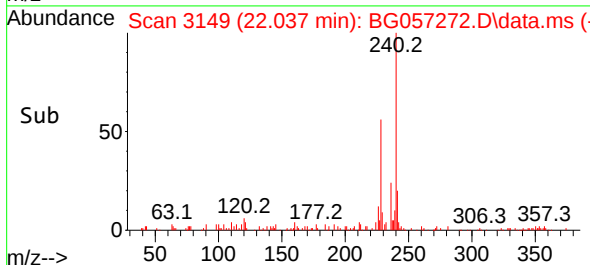
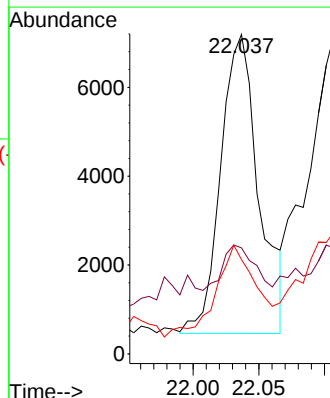
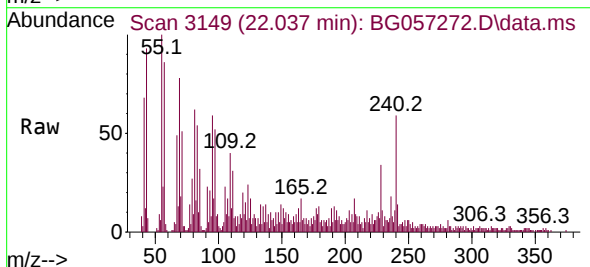
RT: 22.037 min Scan# 3149

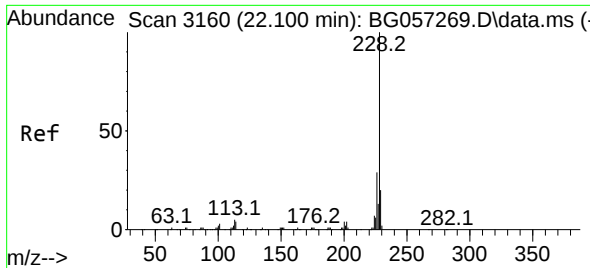
Delta R.T. 0.009 min

Lab File: BG057272.D

Acq: 2 May 2023 10:17

Tgt Ion:228	Resp:	13591
Ion Ratio	Lower	Upper
228	100	
229	33.2	15.8 23.6
226	29.5	21.7 32.5





#87

Chrysene

Concen: 2.564 ng/ul

RT: 22.107 min Scan# 3161

Delta R.T. 0.009 min

Lab File: BG057272.D

Acq: 2 May 2023 10:17

Instrument :

BNA_G

ClientSampleId :

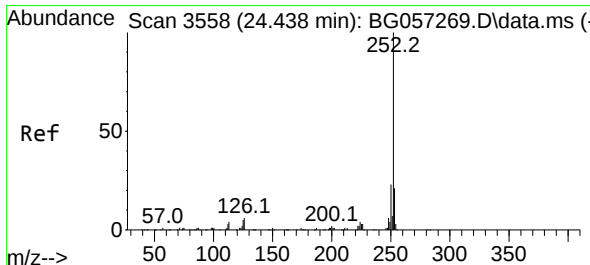
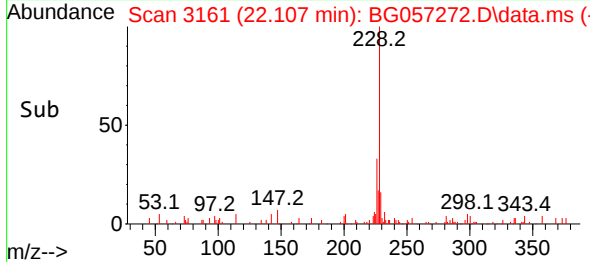
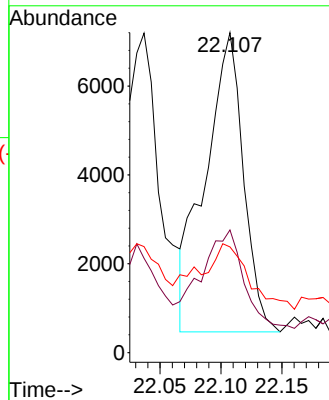
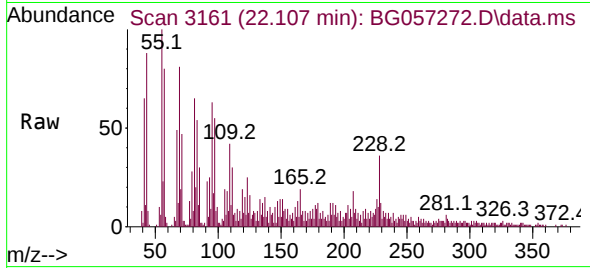
EW920

Tgt Ion:	228	Resp:	1470
Ion Ratio	Lower	Upper	
228	100		
226	38.3	22.8	34.2
229	33.0	15.5	23.3

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#90

Benzo(b)fluoranthene

Concen: 2.399 ng/ul m

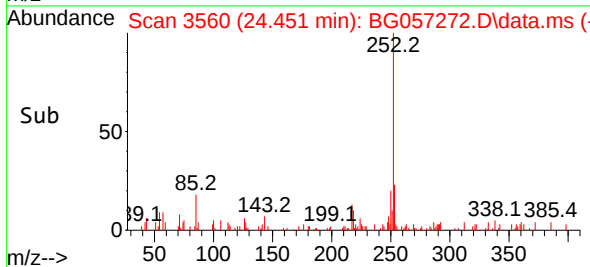
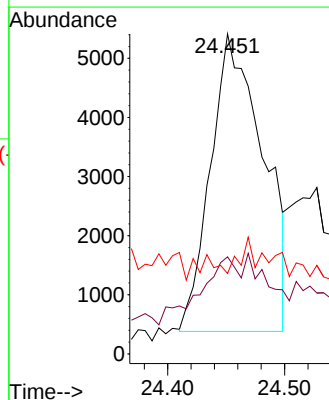
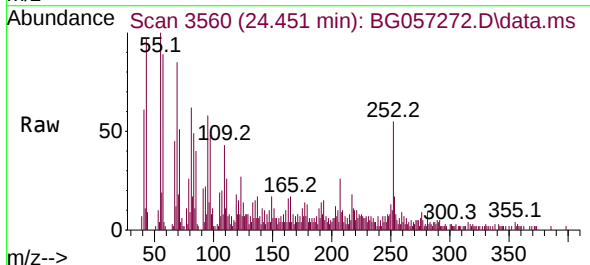
RT: 24.451 min Scan# 3560

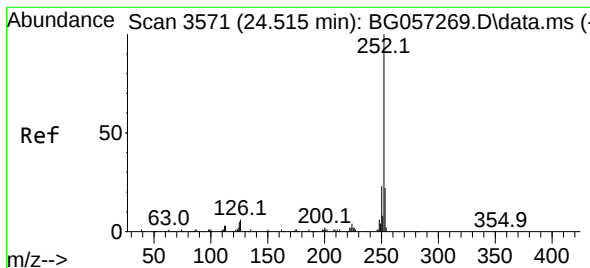
Delta R.T. 0.015 min

Lab File: BG057272.D

Acq: 2 May 2023 10:17

Tgt Ion:	252	Resp:	15630
Ion Ratio	Lower	Upper	
252	100		
253	30.3	16.7	25.1
125	25.1	4.8	7.2





#91

Benzo(k)fluoranthene

Concen: 1.053 ng/ul m

RT: 24.528 min Scan# 3573

Delta R.T. 0.015 min

Lab File: BG057272.D

Acq: 2 May 2023 10:17

Instrument :

BNA_G

ClientSampleId :

EW920

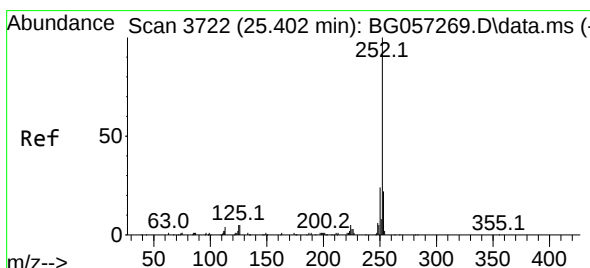
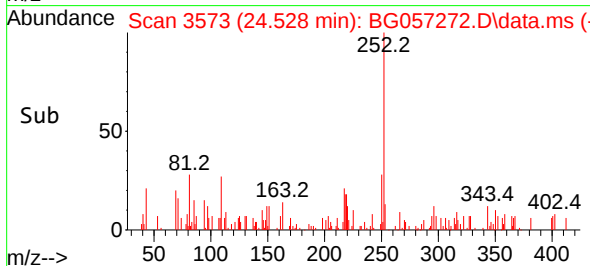
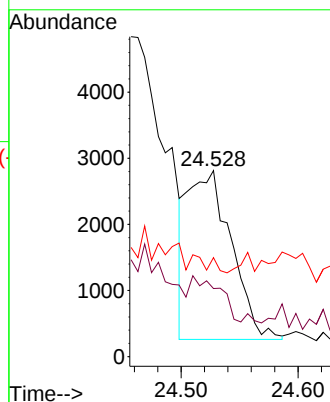
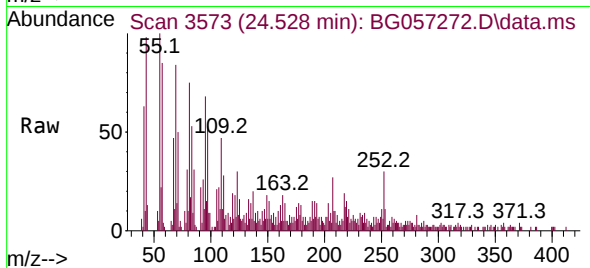
Tgt Ion:	252	Resp:	667
Ion Ratio	Lower	Upper	
252	100		
253	36.7	17.7	26.5
125	53.3	4.5	6.7

Manual Integrations

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#93

Benzo(a)pyrene

Concen: 1.966 ng/ul m

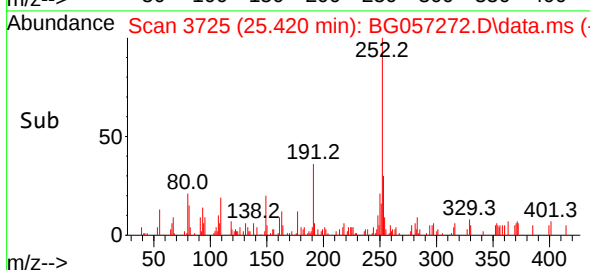
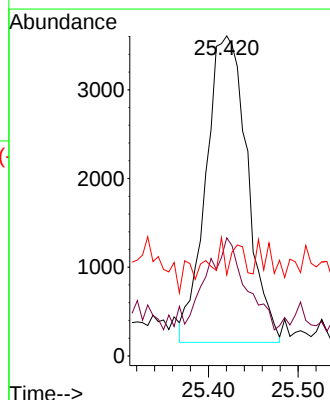
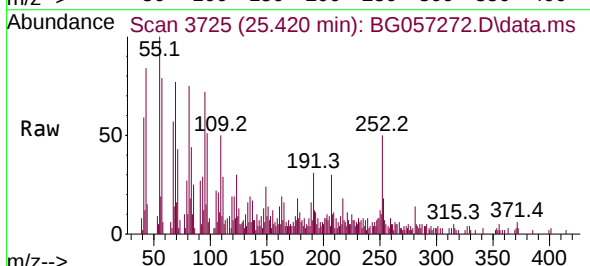
RT: 25.420 min Scan# 3725

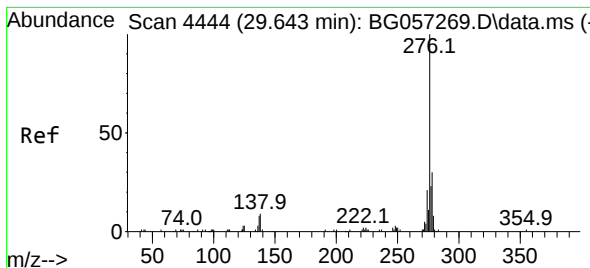
Delta R.T. 0.021 min

Lab File: BG057272.D

Acq: 2 May 2023 10:17

Tgt Ion:	252	Resp:	11055
Ion Ratio	Lower	Upper	
252	100		
253	36.9	17.2	25.8
125	25.4	5.1	7.7





#94

Indeno(1,2,3-cd)pyrene

Concen: 1.260 ng/ul m

RT: 29.650 min Scan# 4445

Delta R.T. 0.027 min

Lab File: BG057272.D

Acq: 2 May 2023 10:17

Instrument :

BNA_G

ClientSampleId :

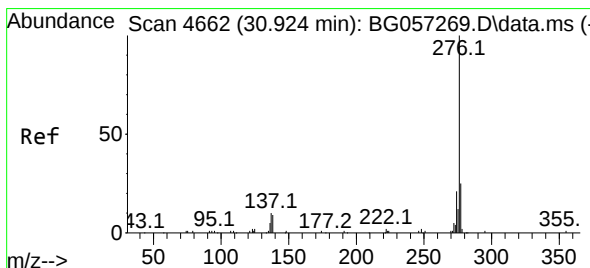
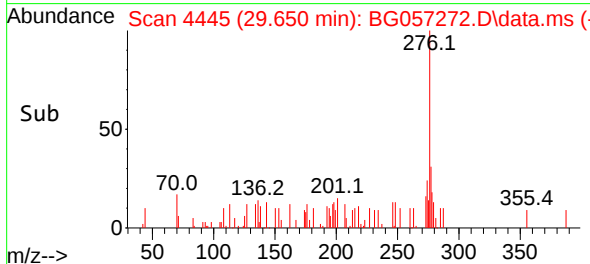
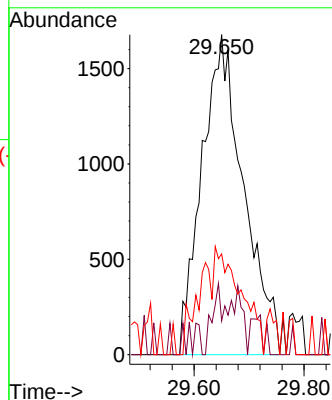
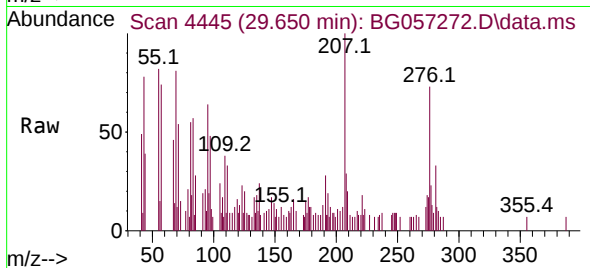
EW920

Tgt Ion:	276	Resp:	8860
Ion Ratio	Lower	Upper	
276	100		
138	10.5	9.4	14.2
277	31.5	18.6	28.0

Manual Integrations

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Supervised By :Jagrut Upadhyay 05/03/2023



#96

Benzo(g,h,i)perylene

Concen: 1.290 ng/ul m

RT: 30.937 min Scan# 4664

Delta R.T. 0.027 min

Lab File: BG057272.D

Acq: 2 May 2023 10:17

Tgt Ion:	276	Resp:	7341
Ion Ratio	Lower	Upper	
276	100		
138	16.9	8.7	13.1#
277	27.6	18.4	27.6#

