

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091223\
 Data File : BG059017.D
 Acq On : 12 Sep 2023 19:20
 Operator : MA/JU
 Sample : 04175-22
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EZYW5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/13/2023
 Supervised By :mohammad ahmed 09/14/2023

Quant Time: Sep 13 00:22:46 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091023.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 12 23:54:19 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.315	152	74651	20.000	ng/ul	0.00
20) Naphthalene-d8	11.153	136	370645	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.937	164	295832	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.686	188	842319	20.000	ng/ul	# 0.00
79) Chrysene-d12	22.005	240	768228	20.000	ng/ul	0.00
88) Perylene-d12	25.565	264	862098	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.626	96	1848m	1.052	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.422	99	42860	5.694	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.633	67	24939	5.650	ng/ul	0.00
11) 2-Chlorophenol-d4	7.827	132	27187	5.631	ng/ul	0.00
15) 4-Methylphenol-d8	8.991	113	20486	3.522	ng/ul	0.00
21) Nitrobenzene-d5	9.502	128	14884	5.536	ng/ul	0.00
24) 2-Nitrophenol-d4	10.225	143	15341	5.200	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.747	165	29410	4.691	ng/ul	0.00
31) 4-Chloroaniline-d4	11.288	131	31054	3.683	ng/ul	0.00
46) Dimethylphthalate-d6	14.331	166	142013	6.189	ng/ul	0.00
49) Acenaphthylene-d8	14.637	160	147529	5.773	ng/ul	0.00
54) 4-Nitrophenol-d4	15.095	143	12126	3.181	ng/ul	-0.01
60) Fluorene-d10	15.924	176	135167	6.637	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.024	200	12777	3.090	ng/ul	0.00
73) Anthracene-d10	17.780	188	229262m	6.131	ng/ul	0.00
81) Pyrene-d10	20.054	212	283234	6.960	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.307	264	266404	6.304	ng/ul	-0.01
Target Compounds						
					Qvalue	
16) Acetophenone	9.149	105	16344	1.695	ng/ul#	89
72) Phenanthrene	17.727	178	56317	1.317	ng/ul	94
80) Fluoranthene	19.719	202	122097	2.584	ng/ul#	89
82) Pyrene	20.089	202	104826	2.134	ng/ul	99
85) Benzo(a)anthracene	21.981	228	72464m	1.407	ng/ul	
86) Bis(2-ethylhexyl)phtha...	21.829	149	34170	1.470	ng/ul#	98
87) Chrysene	22.058	228	73468	1.534	ng/ul	94
90) Benzo(b)fluoranthene	24.408	252	103033	2.006	ng/ul#	89
93) Benzo(a)pyrene	25.389	252	76823	1.603	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	29.672	276	65263m	1.078	ng/ul	
96) Benzo(g,h,i)perylene	30.953	276	63706m	1.329	ng/ul	

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

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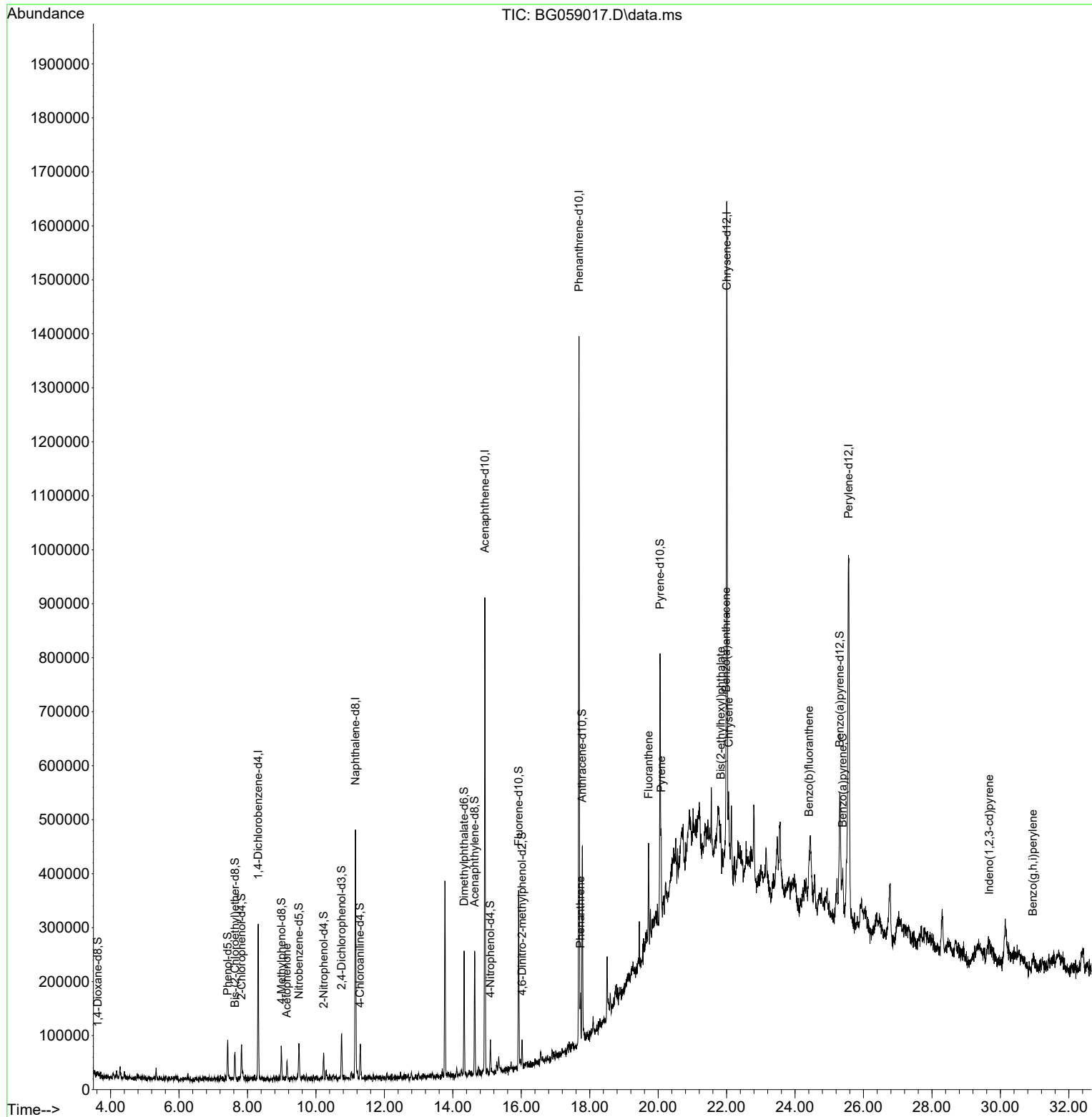
Quant Time: Sep 13 00:22:46 2023

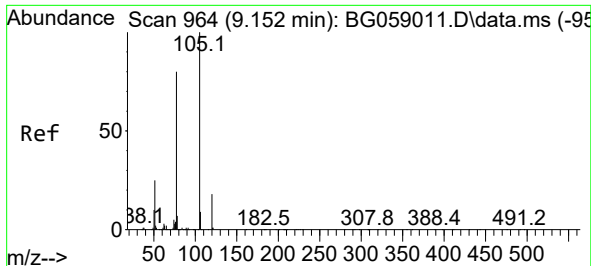
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091023.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Tue Sep 12 23:54:19 2023

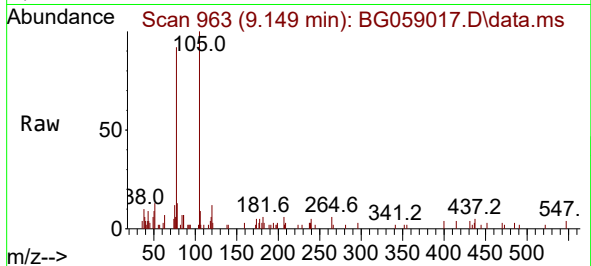
Response via : Initial Calibration





#16
Acetophenone
Concen: 1.695 ng/ul
RT: 9.149 min Scan# 90
Delta R.T. -0.002 min
Lab File: BG059017.D
Acq: 12 Sep 2023 19:20

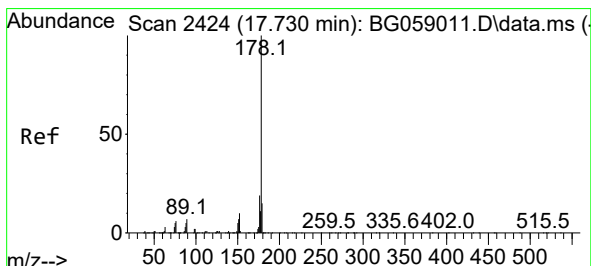
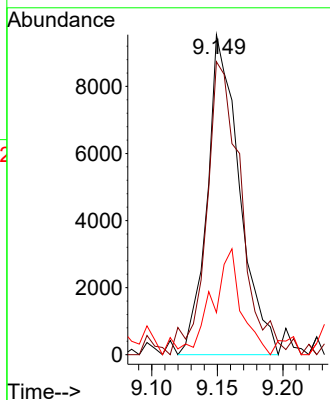
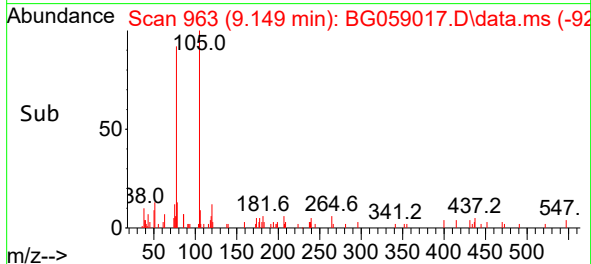
Instrument :
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ClientSampleId :
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Tgt Ion:105 Resp: 16344
Ion Ratio Lower Upper
105 100
77 91.6 67.3 100.9
51 13.1 19.3 28.9

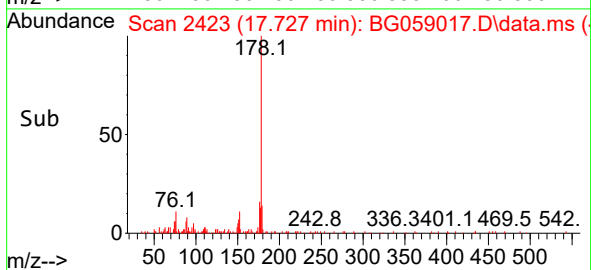
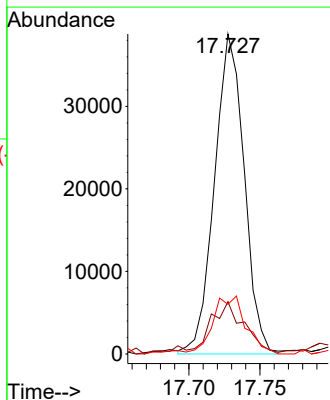
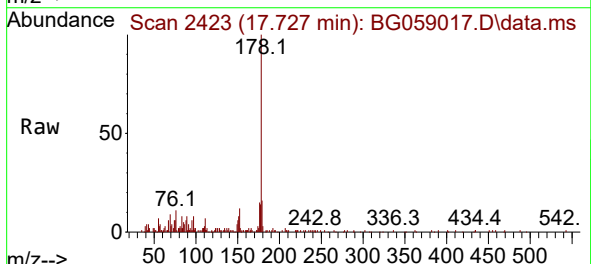
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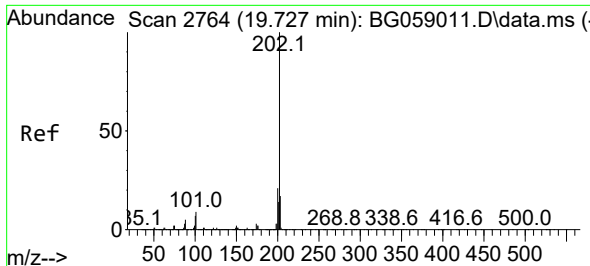
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/14/2023



#72
Phenanthrene
Concen: 1.317 ng/ul
RT: 17.727 min Scan# 2423
Delta R.T. -0.002 min
Lab File: BG059017.D
Acq: 12 Sep 2023 19:20

Tgt Ion:178 Resp: 56317
Ion Ratio Lower Upper
178 100
179 16.3 11.8 17.8
176 15.5 15.1 22.7





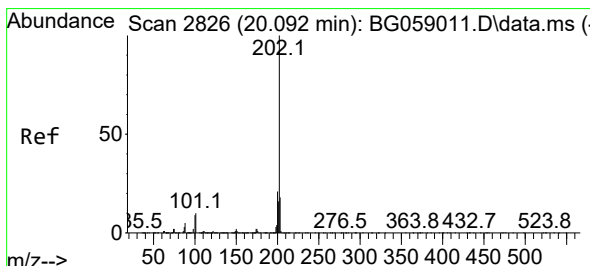
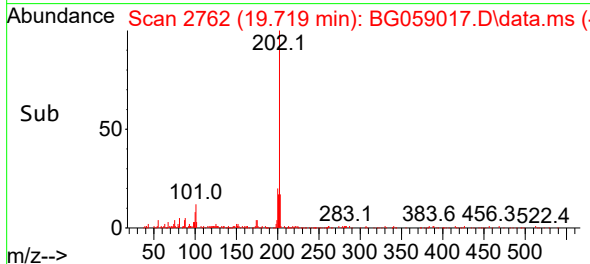
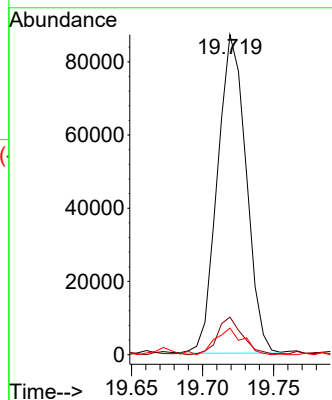
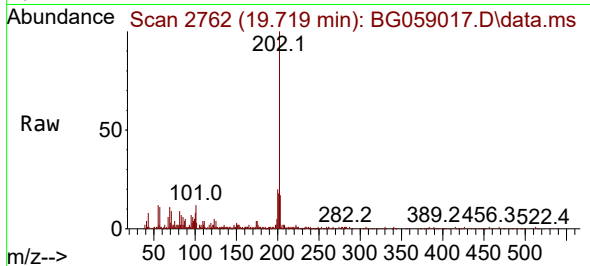
#80
Fluoranthene
Concen: 2.584 ng/ul
RT: 19.719 min Scan# 21
Delta R.T. -0.008 min
Lab File: BG059017.D
Acq: 12 Sep 2023 19:20

Instrument :
BNA_G
ClientSampleId :
EZYW5

Tgt Ion:202 Resp: 12209
Ion Ratio Lower Upper
202 100
101 14.5 6.1 9.1
100 8.3 5.9 8.9

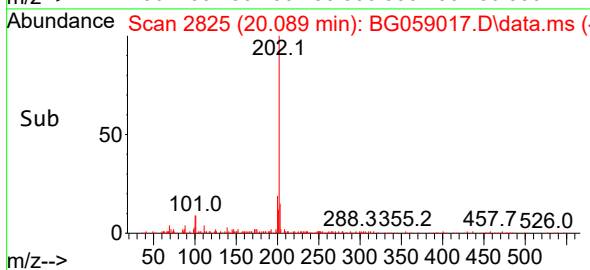
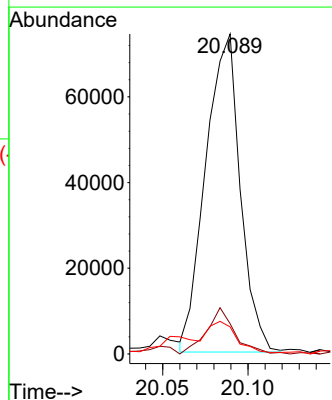
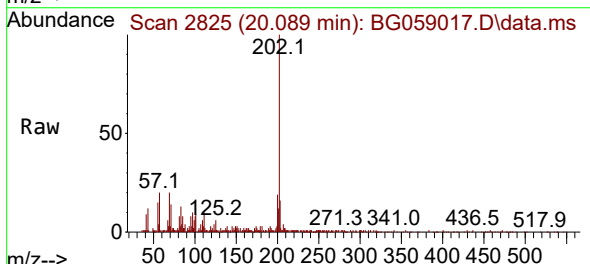
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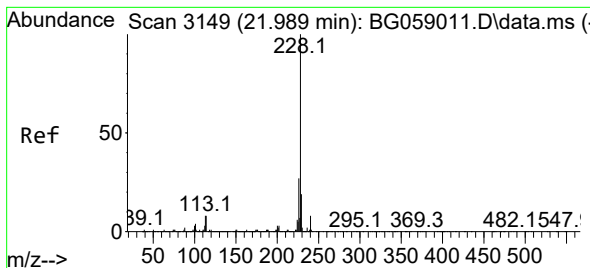
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/14/2023



#82
Pyrene
Concen: 2.134 ng/ul
RT: 20.089 min Scan# 2825
Delta R.T. -0.002 min
Lab File: BG059017.D
Acq: 12 Sep 2023 19:20

Tgt Ion:202 Resp: 104826
Ion Ratio Lower Upper
202 100
101 9.5 7.5 11.3
100 8.5 6.3 9.5





#85

Benzo(a)anthracene

Concen: 1.407 ng/ul m

RT: 21.981 min Scan# 3149

Delta R.T. -0.008 min

Lab File: BG059017.D

Acq: 12 Sep 2023 19:20

Instrument :

BNA_G

ClientSampleId :

EZYW5

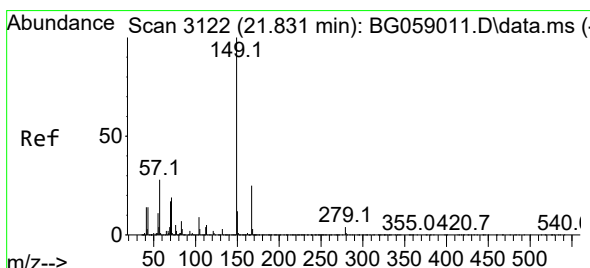
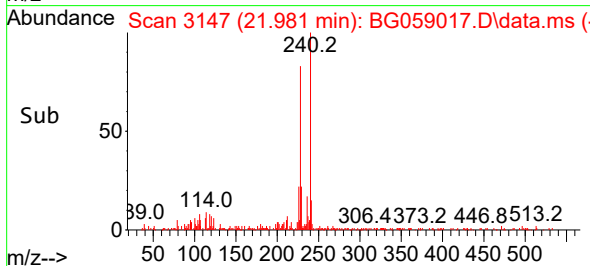
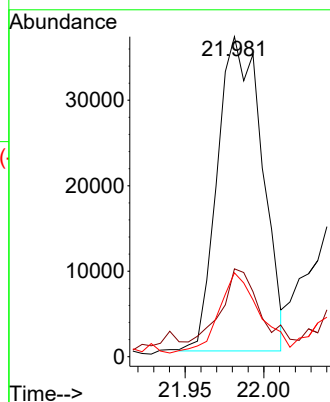
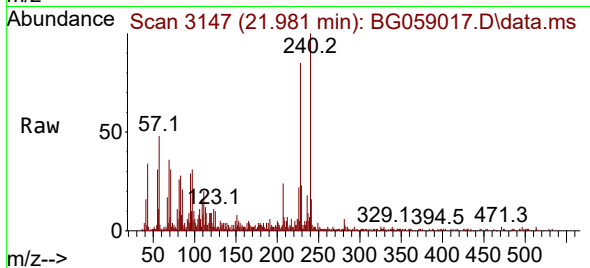
Tgt Ion:	228	Resp:	7246
Ion Ratio	Lower	Upper	
228	100		
229	27.5	16.0	24.0
226	26.2	20.8	31.2

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#86

Bis(2-ethylhexyl)phthalate

Concen: 1.470 ng/ul

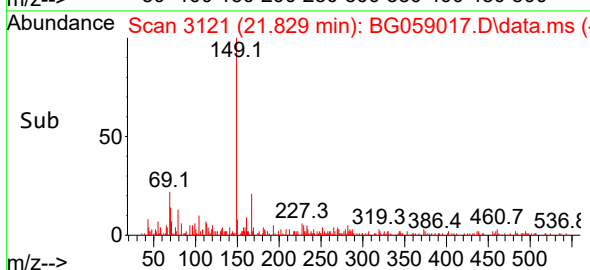
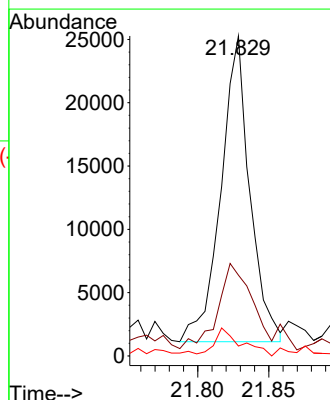
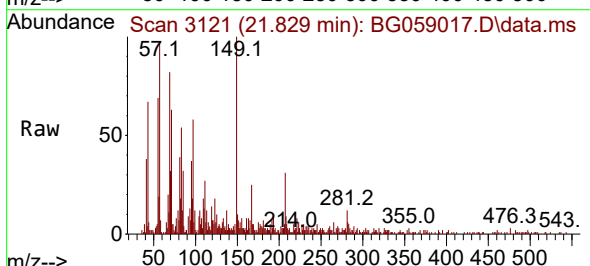
RT: 21.829 min Scan# 3121

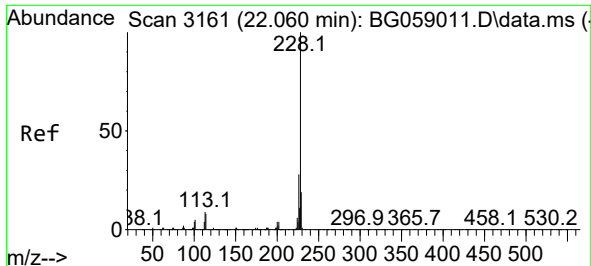
Delta R.T. -0.002 min

Lab File: BG059017.D

Acq: 12 Sep 2023 19:20

Tgt Ion:	149	Resp:	34170
Ion Ratio	Lower	Upper	
149	100		
167	25.3	21.0	31.6
279	3.1	3.8	5.8





#87

Chrysene

Concen: 1.534 ng/ul

RT: 22.058 min Scan# 3161

Delta R.T. -0.002 min

Lab File: BG059017.D

Acq: 12 Sep 2023 19:20

Instrument :

BNA_G

ClientSampleId :

EZYW5

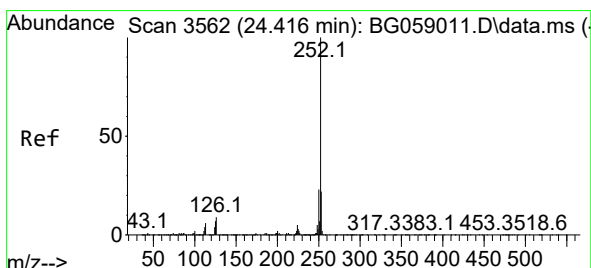
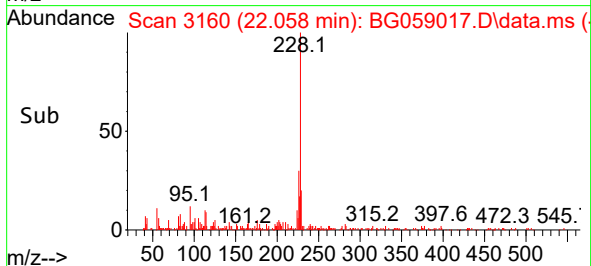
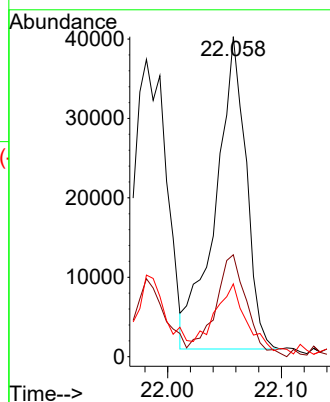
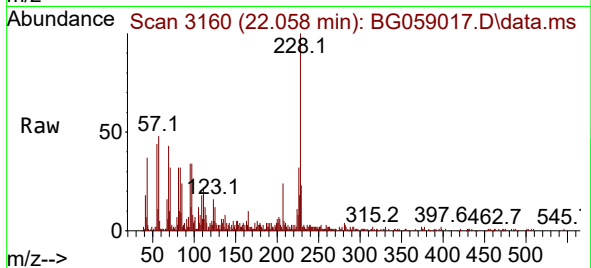
Tgt Ion:	228	Resp:	7346
Ion Ratio	Lower	Upper	
228	100		
226	31.8	23.2	34.8
229	22.8	15.3	22.9

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#90

Benzo(b)fluoranthene

Concen: 2.006 ng/ul

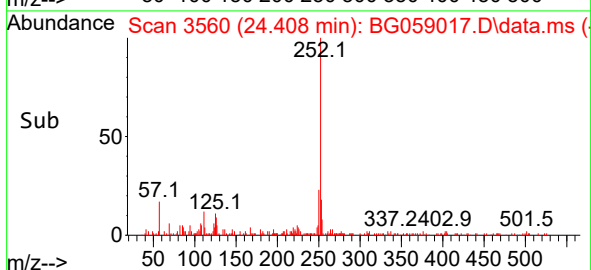
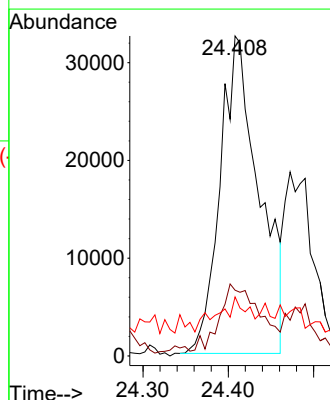
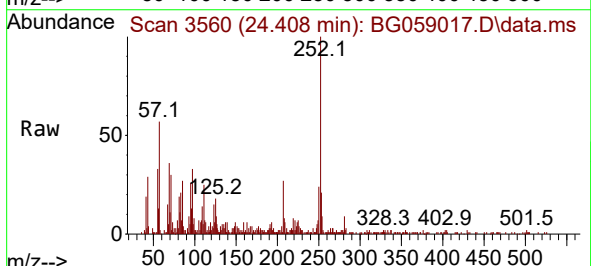
RT: 24.408 min Scan# 3560

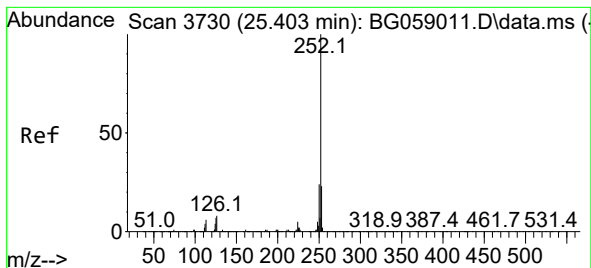
Delta R.T. -0.008 min

Lab File: BG059017.D

Acq: 12 Sep 2023 19:20

Tgt Ion:	252	Resp:	103033
Ion Ratio	Lower	Upper	
252	100		
253	20.6	17.8	26.8
125	18.5	6.2	9.2





#93

Benzo(a)pyrene

Concen: 1.603 ng/ul

RT: 25.389 min Scan# 31

Delta R.T. -0.014 min

Lab File: BG059017.D

Acq: 12 Sep 2023 19:20

Instrument :

BNA_G

ClientSampleId :

EZYW5

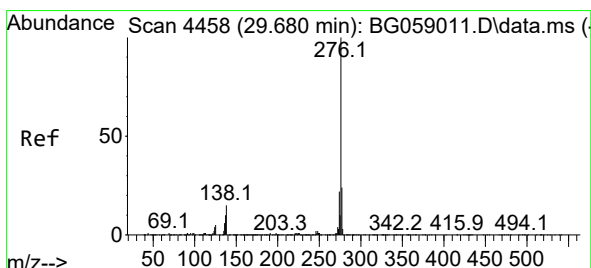
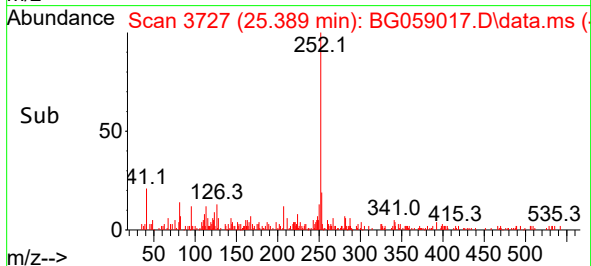
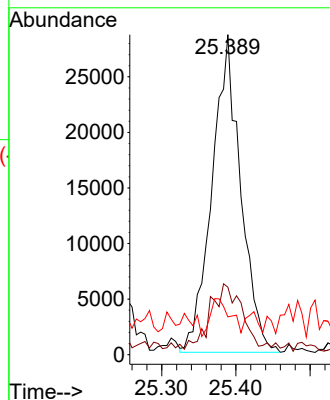
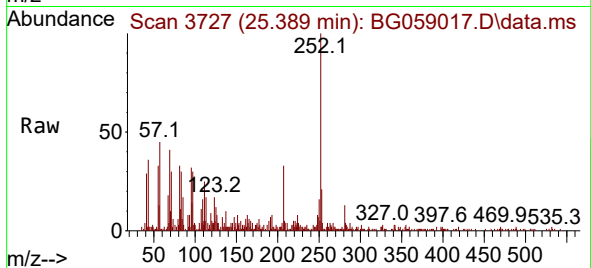
Tgt Ion:	252	Resp:	7682
Ion Ratio	Lower	Upper	
252	100		
253	21.1	17.1	25.7
125	11.8	5.3	7.9

Manual Integrations

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#94

Indeno(1,2,3-cd)pyrene

Concen: 1.078 ng/ul m

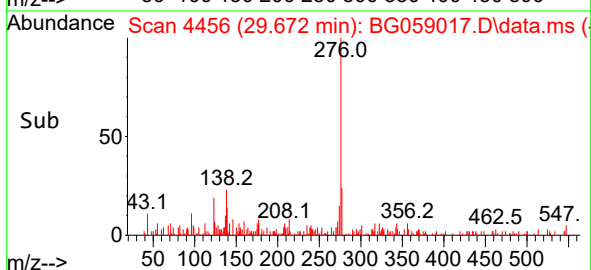
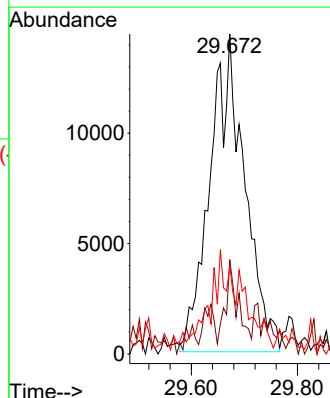
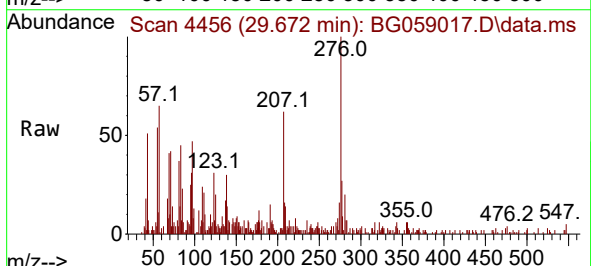
RT: 29.672 min Scan# 4456

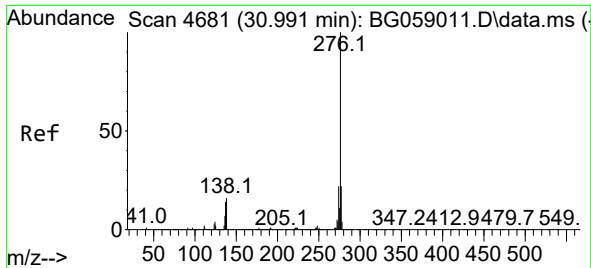
Delta R.T. -0.008 min

Lab File: BG059017.D

Acq: 12 Sep 2023 19:20

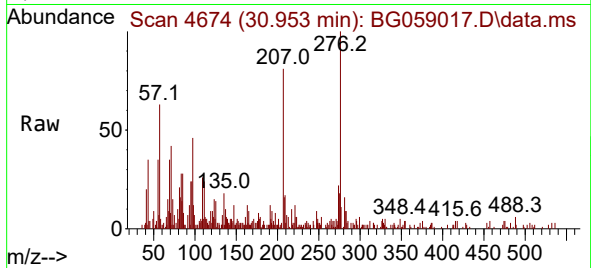
Tgt Ion:	276	Resp:	65263
Ion Ratio	Lower	Upper	
276	100		
138	29.5	11.8	17.8
277	27.4	20.7	31.1





#96
Benzo(g,h,i)perylene
Concen: 1.329 ng/ul m
RT: 30.953 min Scan# 4
Delta R.T. -0.037 min
Lab File: BG059017.D
Acq: 12 Sep 2023 19:20

Instrument :
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Tgt Ion:276 Resp: 63700
Ion Ratio Lower Upper
276 100
138 6.0 11.4 17.2
277 11.1 17.4 26.2

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