

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091323\
 Data File : BG059048.D
 Acq On : 13 Sep 2023 20:06
 Operator : MA/JU
 Sample : 04175-21
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EZYD4

Manual Integrations
 APPROVED

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

Quant Time: Sep 14 01:52:11 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	8.308	152	100463	20.000	ng/ul	0.00
20) Naphthalene-d8	11.146	136	474547	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.929	164	336121	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.685	188	801983	20.000	ng/ul	# 0.00
79) Chrysene-d12	22.009	240	700741	20.000	ng/ul	0.00
88) Perylene-d12	25.576	264	801049	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.613	96	14713	6.225	ng/uL	-0.02
4) Pyridine-d5	4.042	84	192330	25.702	ng/ul	-0.02
7) Phenol-d5	7.415	99	363842	35.915	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.620	67	226951	38.204	ng/ul	0.00
11) 2-Chlorophenol-d4	7.814	132	251492	38.706	ng/ul	0.00
15) 4-Methylphenol-d8	8.983	113	184794	23.610	ng/ul	0.00
21) Nitrobenzene-d5	9.500	128	140563	40.836	ng/ul	0.00
24) 2-Nitrophenol-d4	10.217	143	179550	47.538	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.740	165	291666	36.335	ng/ul	0.00
31) 4-Chloroaniline-d4	11.287	131	180969	16.764	ng/ul	0.00
46) Dimethylphthalate-d6	14.324	166	1049594	40.257	ng/ul	0.00
49) Acenaphthylene-d8	14.636	160	1185070	40.817	ng/ul	0.00
54) 4-Nitrophenol-d4	15.106	143	108327	25.013	ng/ul	0.00
60) Fluorene-d10	15.922	176	993195	42.925	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.022	200	134914	34.271	ng/ul	0.00
73) Anthracene-d10	17.785	188	1467060	41.207	ng/ul	0.00
81) Pyrene-d10	20.059	212	1657236	44.645	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.329	264	1634218	41.617	ng/ul	0.00
Target Compounds					Qvalue	
30) Naphthalene	11.198	128	171194	6.844	ng/ul#	93
36) 2-Methylnaphthalene	12.779	142	66561	3.566	ng/ul	90
37) 1-Methylnaphthalene	12.996	142	46190	2.509	ng/ul#	96
72) Phenanthrene	17.720	178	128781	3.164	ng/ul	97
78) Di-n-butylphthalate	18.602	149	172455	4.491	ng/ul#	96
80) Fluoranthene	19.718	202	186862	4.335	ng/ul	98
82) Pyrene	20.088	202	187501	4.184	ng/ul	97
85) Benzo(a)anthracene	21.986	228	101275	2.155	ng/ul#	75
87) Chrysene	22.056	228	119759m	2.741	ng/ul	
90) Benzo(b)fluoranthene	24.424	252	149614m	3.135	ng/ul	
91) Benzo(k)fluoranthene	24.500	252	58298m	1.195	ng/ul	
93) Benzo(a)pyrene	25.405	252	111720	2.509	ng/ul#	75
94) Indeno(1,2,3-cd)pyrene	29.700	276	89674m	1.594	ng/ul	
96) Benzo(g,h,i)perylene	30.999	276	116272m	2.611	ng/ul	

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

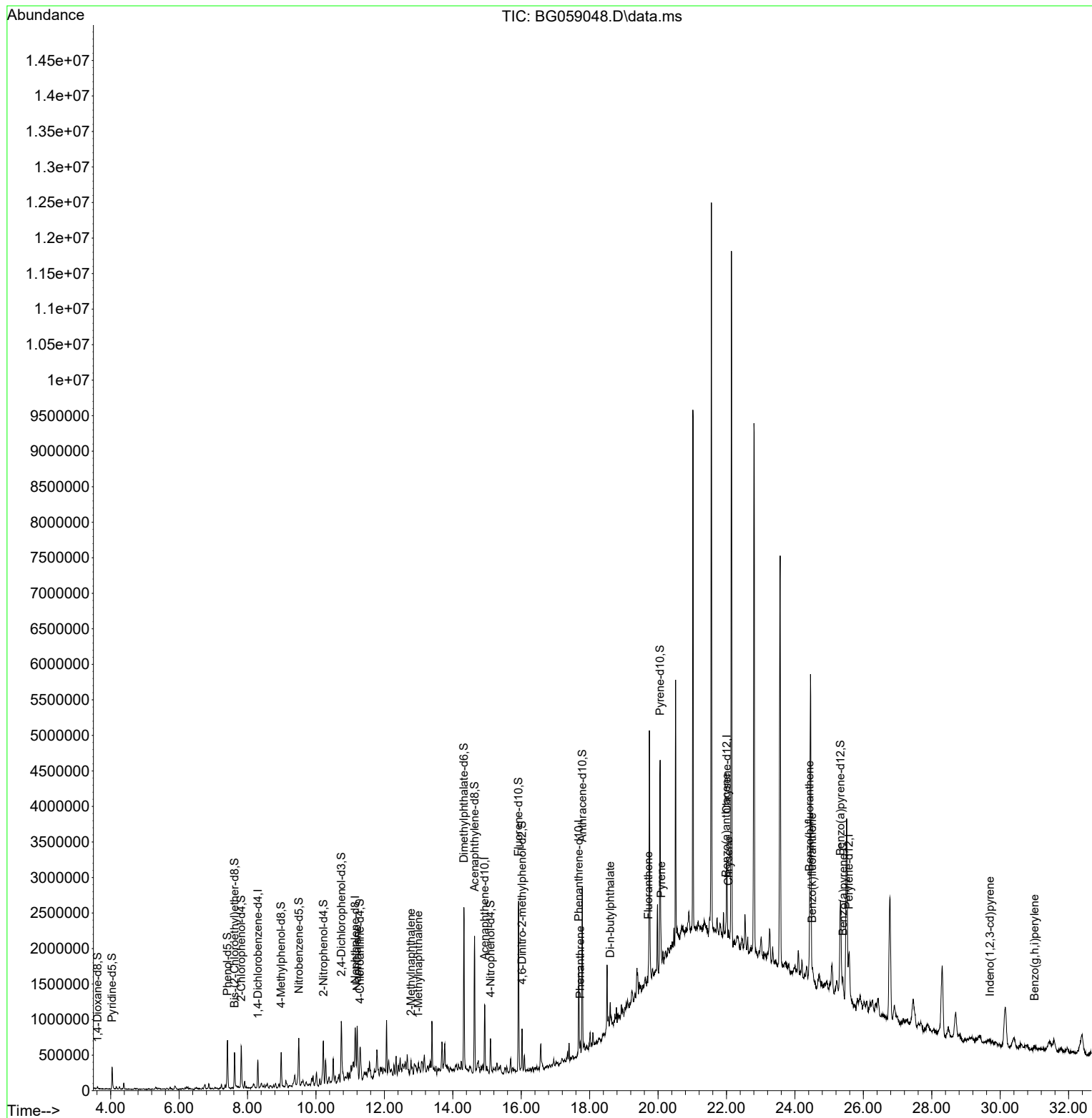
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091323\
Data File : BG059048.D
Acq On : 13 Sep 2023 20:06
Operator : MA/JU
Sample : 04175-21
Misc :
ALS Vial : 13 Sample Multiplier: 1

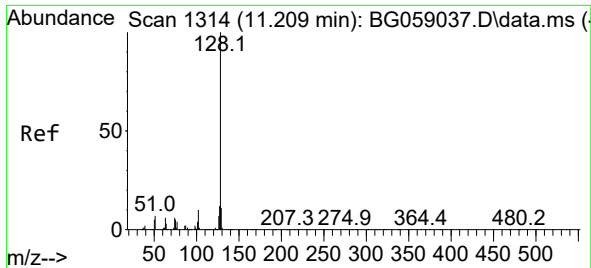
Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION
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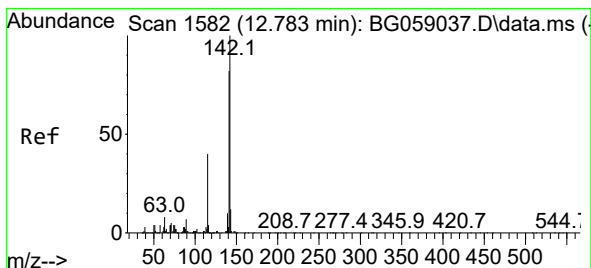
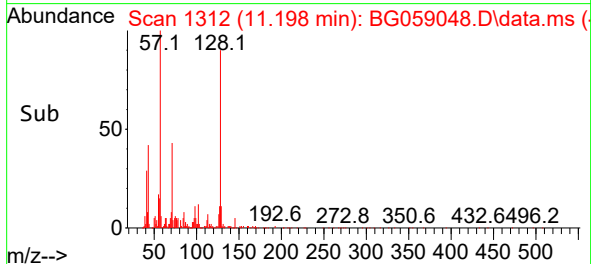
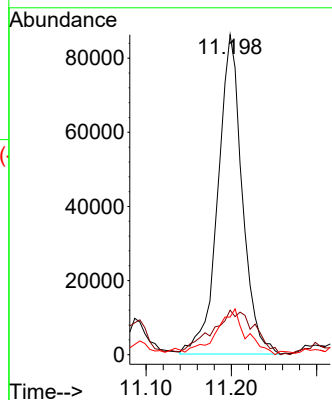
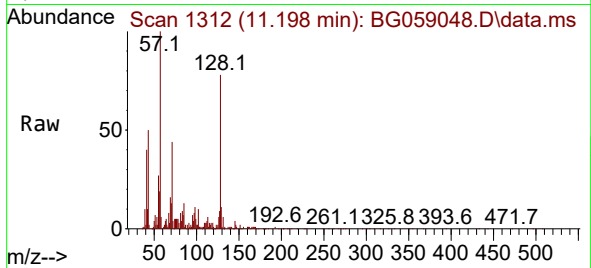
#30
Naphthalene
Concen: 6.844 ng/ul
RT: 11.198 min Scan# 11194
Delta R.T. -0.010 min
Lab File: BG059048.D
Acq: 13 Sep 2023 20:06

Instrument :
BNA_G
ClientSampleId :
EZYD4

Tgt Ion:128 Resp: 171194
Ion Ratio Lower Upper
128 100
129 13.9 8.2 12.2
127 11.8 10.9 16.3

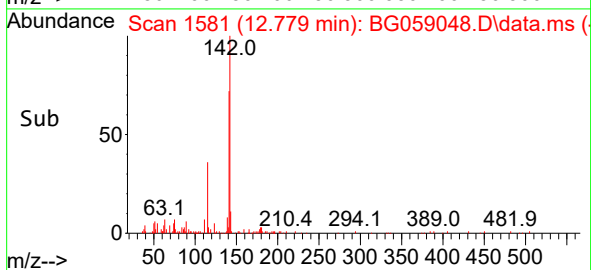
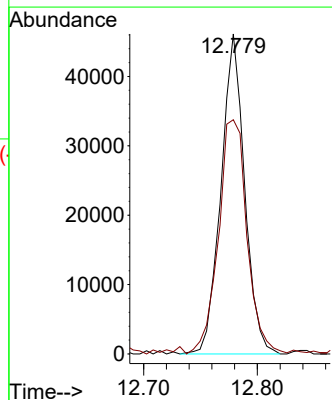
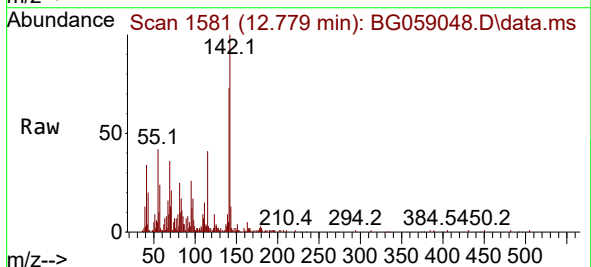
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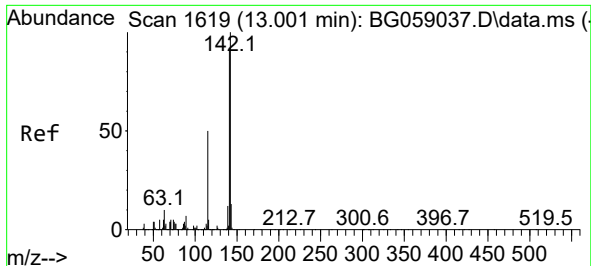
Reviewed By :Yogesh Patel 09/14/2023
Supervised By :mohammad ahmed 09/14/2023



#36
2-Methylnaphthalene
Concen: 3.566 ng/ul
RT: 12.779 min Scan# 1581
Delta R.T. -0.010 min
Lab File: BG059048.D
Acq: 13 Sep 2023 20:06

Tgt Ion:142 Resp: 66561
Ion Ratio Lower Upper
142 100
141 73.2 65.7 98.5





#37

1-Methylnaphthalene

Concen: 2.509 ng/ul

RT: 12.996 min Scan# 1

Delta R.T. -0.010 min

Lab File: BG059048.D

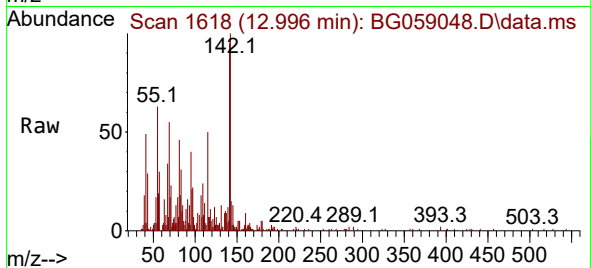
Acq: 13 Sep 2023 20:06

Instrument :

BNA_G

ClientSampleId :

EZYD4



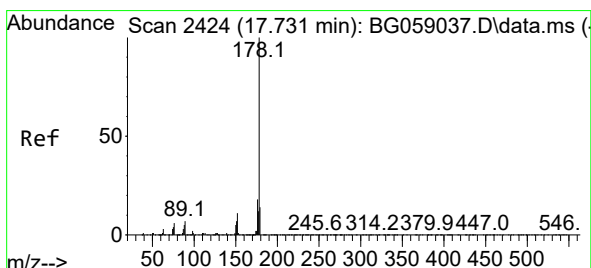
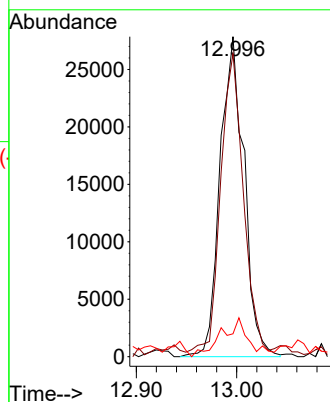
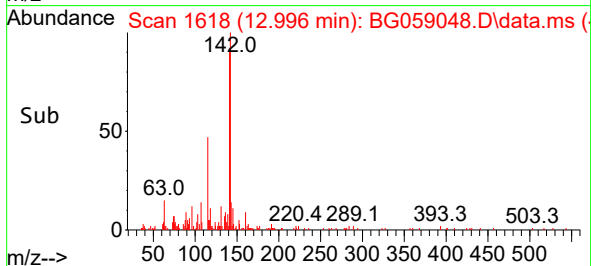
Tgt Ion:	142	Resp:	46190
Ion Ratio	Lower	Upper	
142	100		
141	94.7	73.1	109.7
116	7.1	3.4	5.0

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#72

Phenanthrene

Concen: 3.164 ng/ul

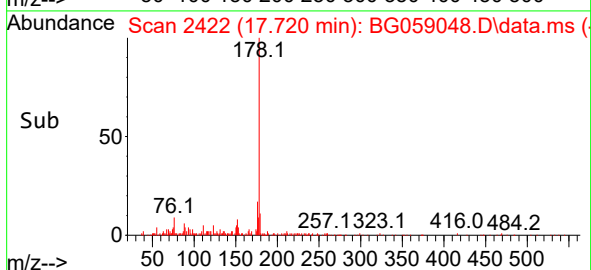
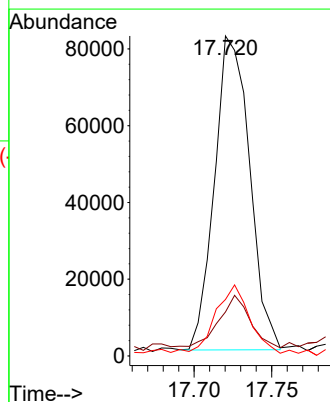
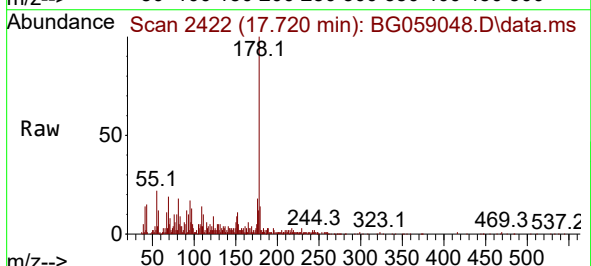
RT: 17.720 min Scan# 2422

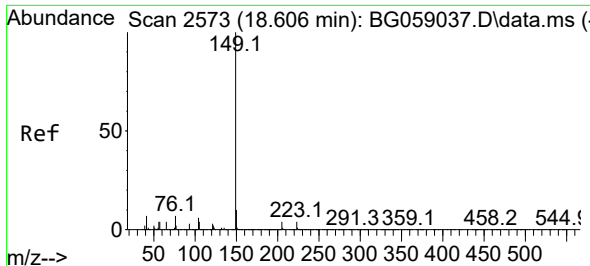
Delta R.T. -0.009 min

Lab File: BG059048.D

Acq: 13 Sep 2023 20:06

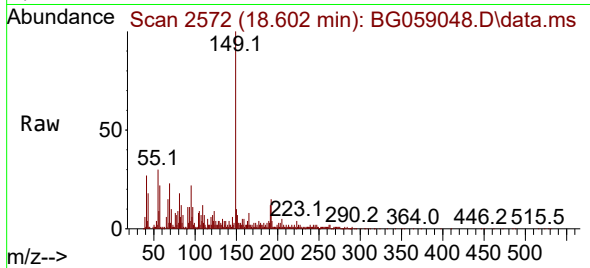
Tgt Ion:	178	Resp:	128781
Ion Ratio	Lower	Upper	
178	100		
179	13.7	11.8	17.8
176	17.7	15.1	22.7





#78
Di-n-butylphthalate
Concen: 4.491 ng/ul
RT: 18.602 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG059048.D
Acq: 13 Sep 2023 20:06

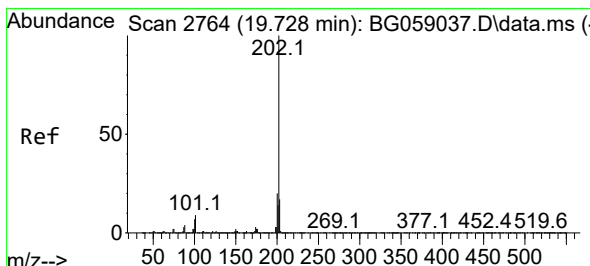
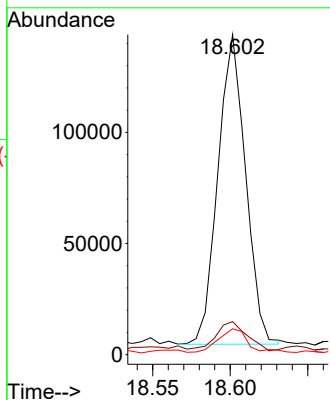
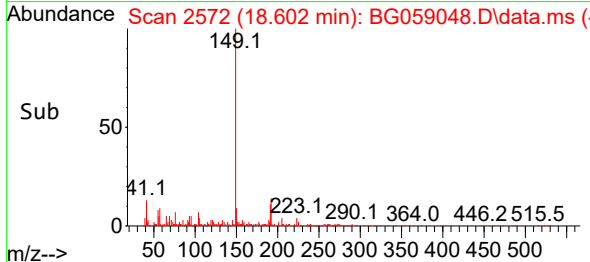
Instrument :
BNA_G
ClientSampleId :
EZYD4



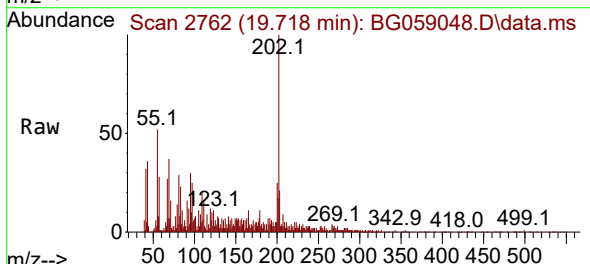
Tgt Ion:149 Resp: 17245
Ion Ratio Lower Upper
149 100
150 10.4 7.7 11.5
104 8.1 4.6 6.8

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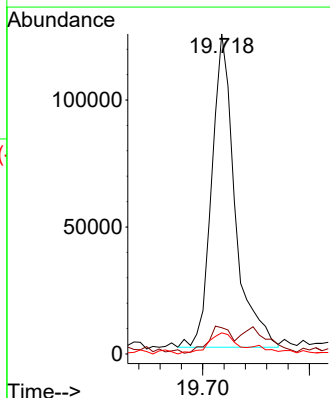
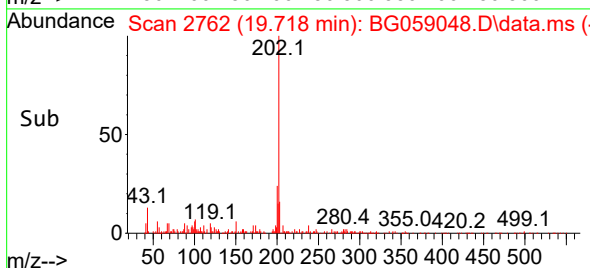
Reviewed By :Yogesh Patel 09/14/2023
Supervised By :mohammad ahmed 09/14/2023

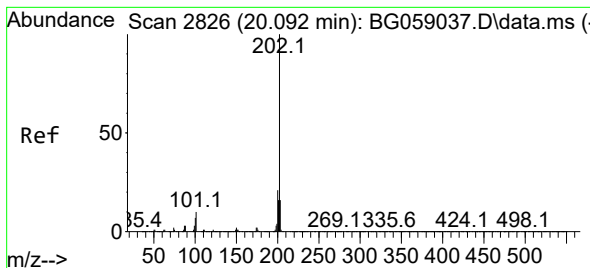


#80
Fluoranthene
Concen: 4.335 ng/ul
RT: 19.718 min Scan# 2762
Delta R.T. -0.010 min
Lab File: BG059048.D
Acq: 13 Sep 2023 20:06



Tgt Ion:202 Resp: 186862
Ion Ratio Lower Upper
202 100
101 8.2 6.1 9.1
100 6.6 5.9 8.9





#82

Pyrene

Concen: 4.184 ng/ul

RT: 20.088 min Scan# 21

Delta R.T. -0.004 min

Lab File: BG059048.D

Acq: 13 Sep 2023 20:06

Instrument :

BNA_G

ClientSampleId :

EZYD4

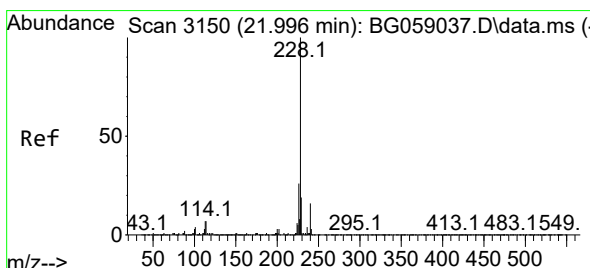
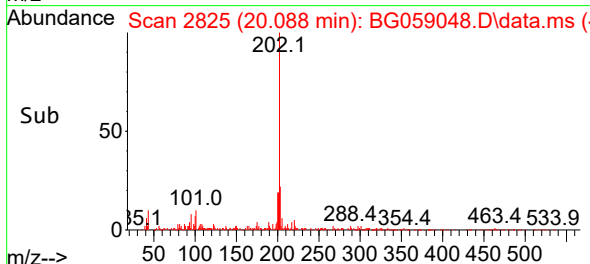
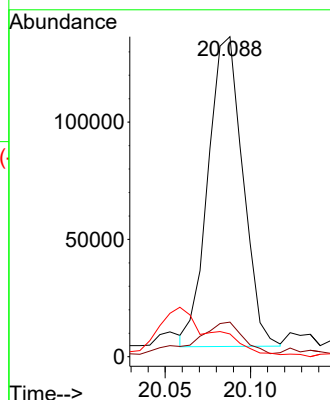
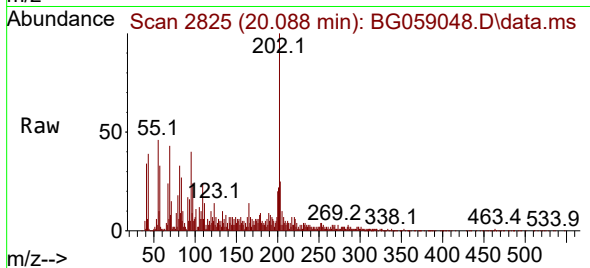
Tgt Ion:	202	Resp:	18750
Ion Ratio	Lower	Upper	
202	100		
101	10.8	7.5	11.3
100	7.1	6.3	9.5

Manual Integrations

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Supervised By :mohammad ahmed 09/14/2023



#85

Benzo(a)anthracene

Concen: 2.155 ng/ul

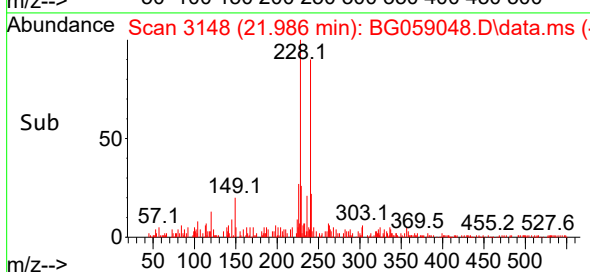
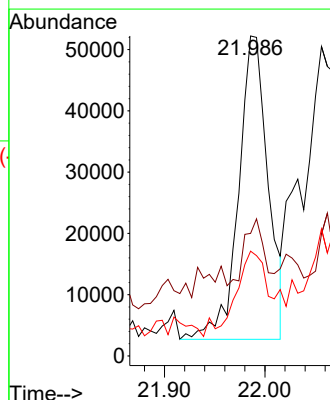
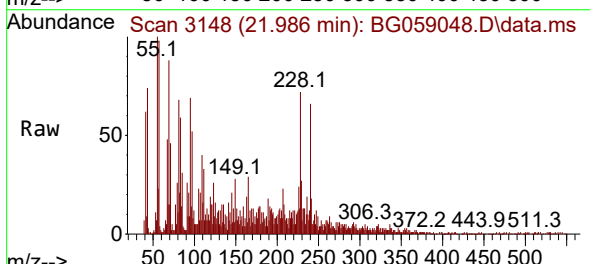
RT: 21.986 min Scan# 3148

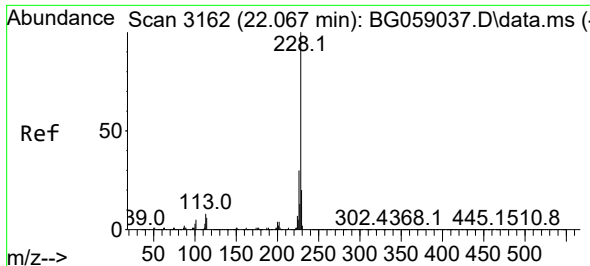
Delta R.T. -0.004 min

Lab File: BG059048.D

Acq: 13 Sep 2023 20:06

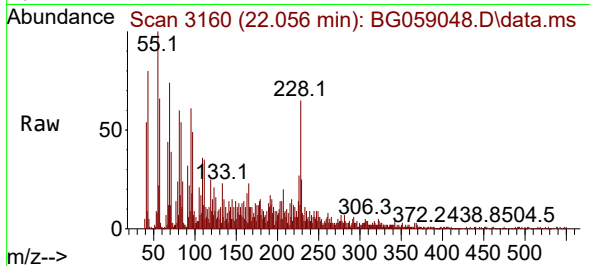
Tgt Ion:	228	Resp:	101275
Ion Ratio	Lower	Upper	
228	100		
229	38.3	16.0	24.0#
226	32.8	20.8	31.2#





#87
Chrysene
Concen: 2.741 ng/ul m
RT: 22.056 min Scan# 3160
Delta R.T. -0.004 min
Lab File: BG059048.D
Acq: 13 Sep 2023 20:06

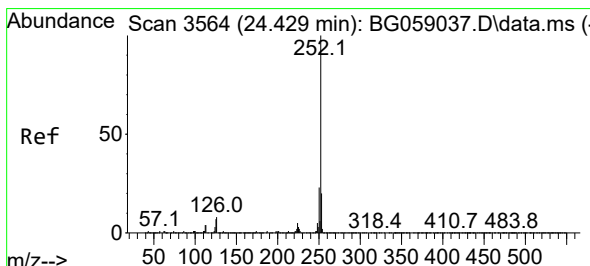
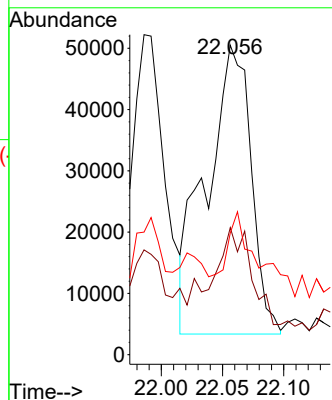
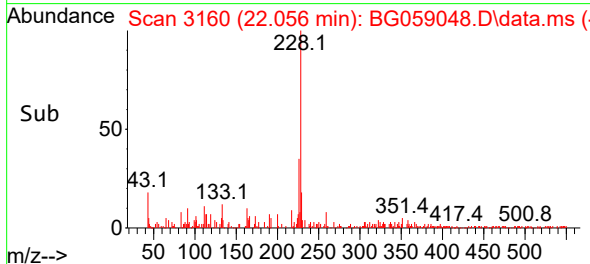
Instrument :
BNA_G
ClientSampleId :
EZYD4



Tgt Ion:228 Resp: 119759
Ion Ratio Lower Upper
228 100
226 41.0 23.2 34.8#
229 39.4 15.3 22.9#

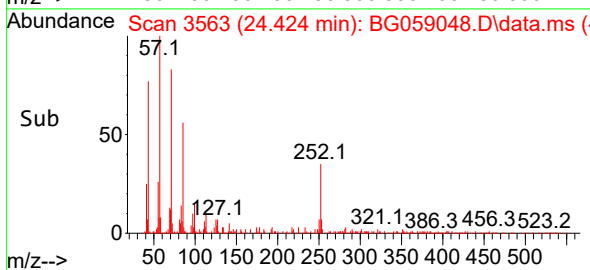
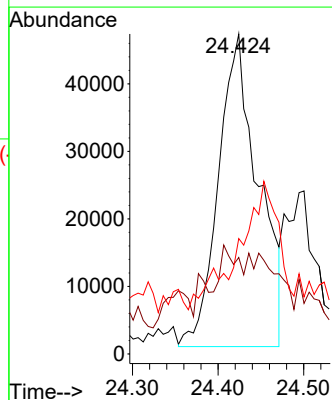
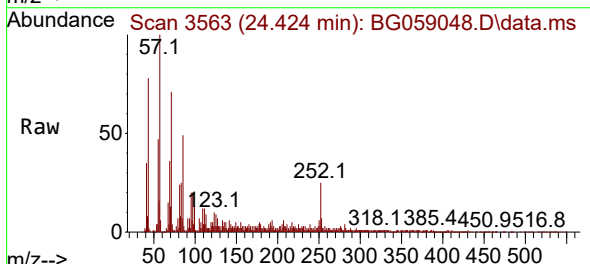
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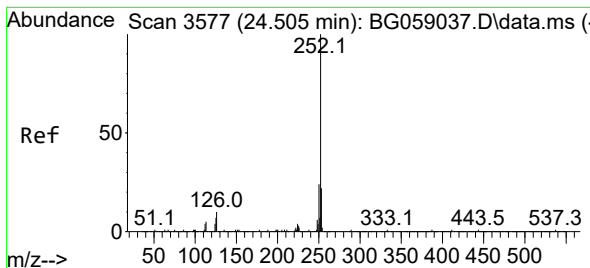
Reviewed By :Yogesh Patel 09/14/2023
Supervised By :mohammad ahmed 09/14/2023



#90
Benzo(b)fluoranthene
Concen: 3.135 ng/ul m
RT: 24.424 min Scan# 3563
Delta R.T. 0.008 min
Lab File: BG059048.D
Acq: 13 Sep 2023 20:06

Tgt Ion:252 Resp: 149614
Ion Ratio Lower Upper
252 100
253 30.2 17.8 26.8#
125 36.1 6.2 9.2#





#91

Benzo(k)fluoranthene

Concen: 1.195 ng/ul m

RT: 24.500 min Scan# 3

Delta R.T. 0.002 min

Lab File: BG059048.D

Acq: 13 Sep 2023 20:06

Instrument :

BNA_G

ClientSampleId :

EZYD4

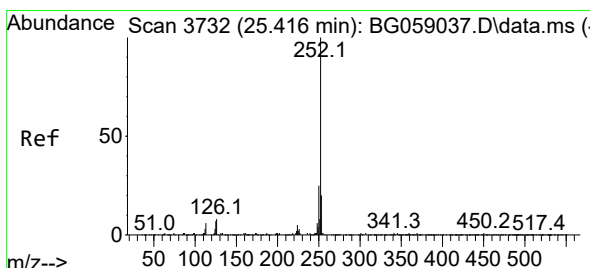
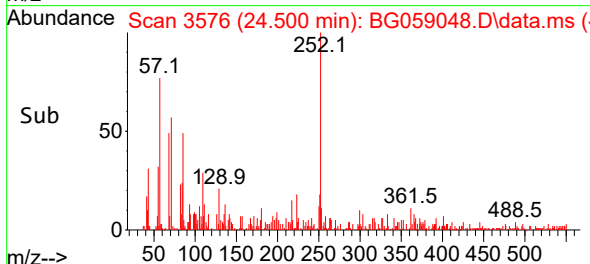
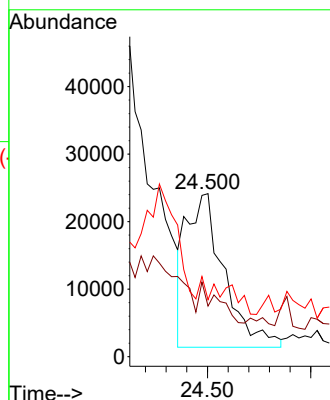
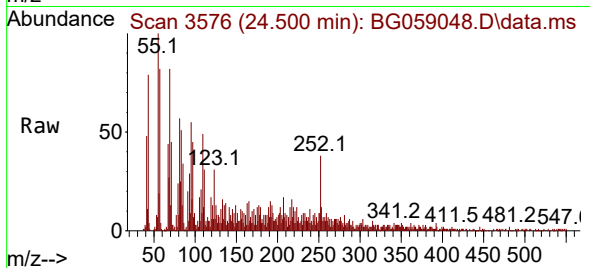
Tgt Ion:252	Resp:	58298
Ion Ratio	Lower	Upper
252	100	
253	31.0	19.1 28.7
125	34.9	5.0 7.4

Manual Integrations

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#93

Benzo(a)pyrene

Concen: 2.509 ng/ul

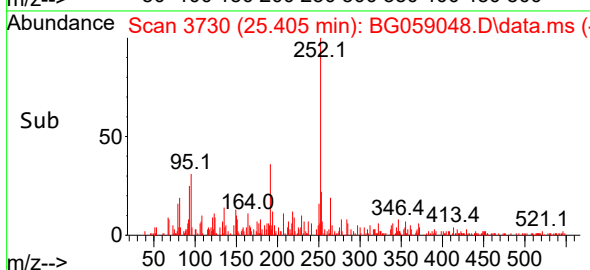
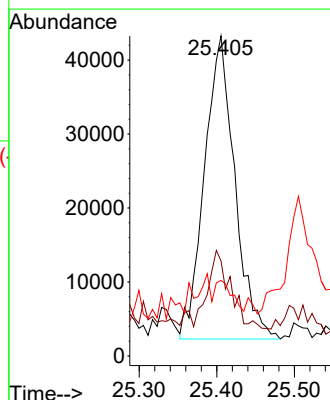
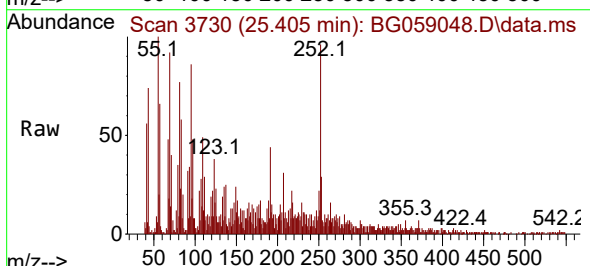
RT: 25.405 min Scan# 3730

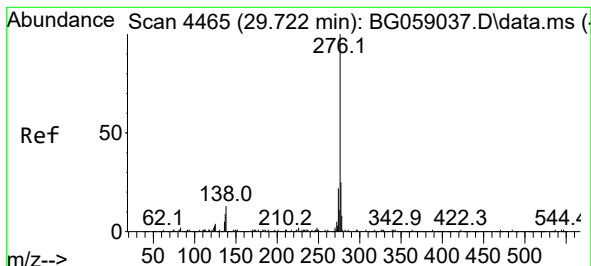
Delta R.T. 0.002 min

Lab File: BG059048.D

Acq: 13 Sep 2023 20:06

Tgt Ion:252	Resp:	111720
Ion Ratio	Lower	Upper
252	100	
253	29.7	17.1 25.7
125	23.6	5.3 7.9





#94

Indeno(1,2,3-cd)pyrene

Concen: 1.594 ng/ul m

RT: 29.700 min Scan# 4461

Delta R.T. 0.020 min

Lab File: BG059048.D

Acq: 13 Sep 2023 20:06

Instrument :

BNA_G

ClientSampleId :

EZYD4

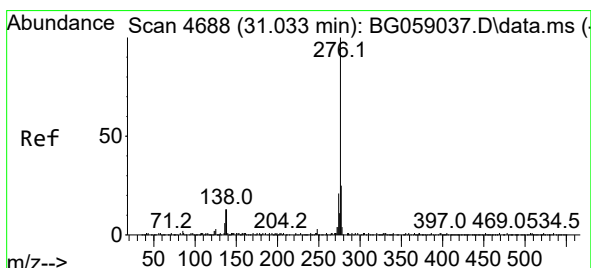
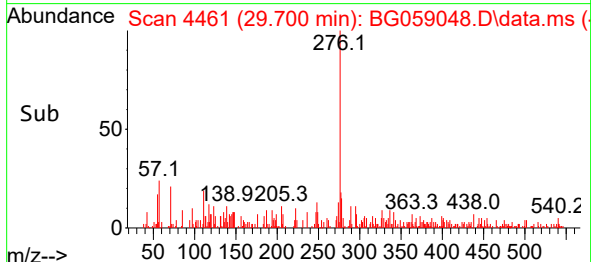
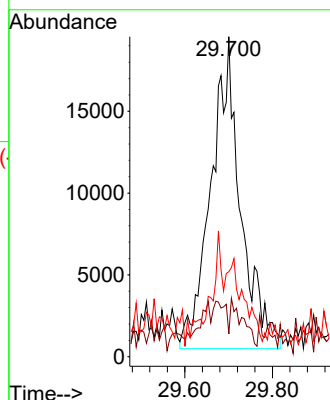
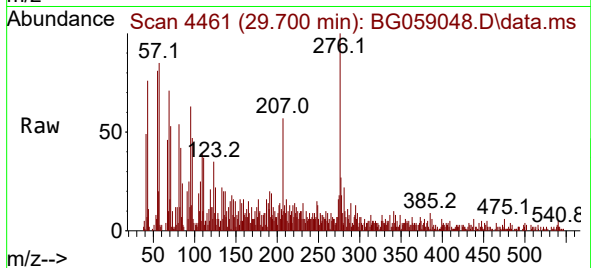
Tgt Ion:	276	Resp:	89674
Ion Ratio	Lower	Upper	
276	100		
138	7.1	11.8	17.8
277	26.5	20.7	31.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/14/2023

Supervised By :mohammad ahmed 09/14/2023



#96

Benzo(g,h,i)perylene

Concen: 2.611 ng/ul m

RT: 30.999 min Scan# 4682

Delta R.T. 0.008 min

Lab File: BG059048.D

Acq: 13 Sep 2023 20:06

Tgt Ion:	276	Resp:	116272
Ion Ratio	Lower	Upper	
276	100		
138	15.2	11.4	17.2
277	27.7	17.4	26.2

