

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091223\
 Data File : BG059028.D
 Acq On : 13 Sep 2023 3:33
 Operator : MA/JU
 Sample : 04175-21
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EZYD4

Manual Integrations
 APPROVED

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

Quant Time: Sep 13 04:40:06 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	65043	20.000	ng/ul	0.00
20) Naphthalene-d8	11.158	136	315240	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.936	164	229215	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.686	188	537244	20.000	ng/ul	# 0.00
79) Chrysene-d12	22.016	240	478740	20.000	ng/ul	0.00
88) Perylene-d12	25.576	264	556397	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.631	96	9519	6.221	ng/uL	0.00
4) Pyridine-d5	4.054	84	123320	25.454	ng/ul	0.00
7) Phenol-d5	7.421	99	245873	37.486	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.633	67	143323	37.265	ng/ul	0.00
11) 2-Chlorophenol-d4	7.827	132	168157	39.974	ng/ul	0.00
15) 4-Methylphenol-d8	8.990	113	142236	28.069	ng/ul	0.00
21) Nitrobenzene-d5	9.507	128	93269	40.789	ng/ul	0.00
24) 2-Nitrophenol-d4	10.224	143	118093	47.067	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.747	165	213473	40.033	ng/ul	0.00
31) 4-Chloroaniline-d4	11.299	131	142613	19.888	ng/ul	0.00
46) Dimethylphthalate-d6	14.331	166	726325	40.851	ng/ul	0.00
49) Acenaphthylene-d8	14.642	160	848093	42.835	ng/ul	0.00
54) 4-Nitrophenol-d4	15.106	143	80602	27.291	ng/ul	0.00
60) Fluorene-d10	15.923	176	679239	43.047	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.029	200	85105	32.272	ng/ul	0.00
73) Anthracene-d10	17.785	188	1005101	42.143	ng/ul	0.00
81) Pyrene-d10	20.059	212	1088135	42.907	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.324	264	1126116	41.288	ng/ul	0.00
Target Compounds					Qvalue	
30) Naphthalene	11.205	128	114931	6.916	ng/ul#	93
36) 2-Methylnaphthalene	12.785	142	49022	3.954	ng/ul	98
37) 1-Methylnaphthalene	13.003	142	31144	2.546	ng/ul#	97
72) Phenanthrene	17.733	178	89050	3.266	ng/ul#	95
78) Di-n-butylphthalate	18.608	149	114944	4.468	ng/ul#	94
80) Fluoranthene	19.724	202	127970	4.345	ng/ul#	95
82) Pyrene	20.089	202	133273	4.353	ng/ul	98
85) Benzo(a)anthracene	21.986	228	69297	2.158	ng/ul#	85
86) Bis(2-ethylhexyl)phtha...	21.828	149	23402	1.615	ng/ul#	60
87) Chrysene	22.063	228	85531m	2.866	ng/ul	
90) Benzo(b)fluoranthene	24.419	252	121091m	3.653	ng/ul	
93) Benzo(a)pyrene	25.400	252	88848m	2.873	ng/ul	
94) Indeno(1,2,3-cd)pyrene	29.695	276	66949m	1.713	ng/ul	
96) Benzo(g,h,i)perylene	31.005	276	82056m	2.653	ng/ul	

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

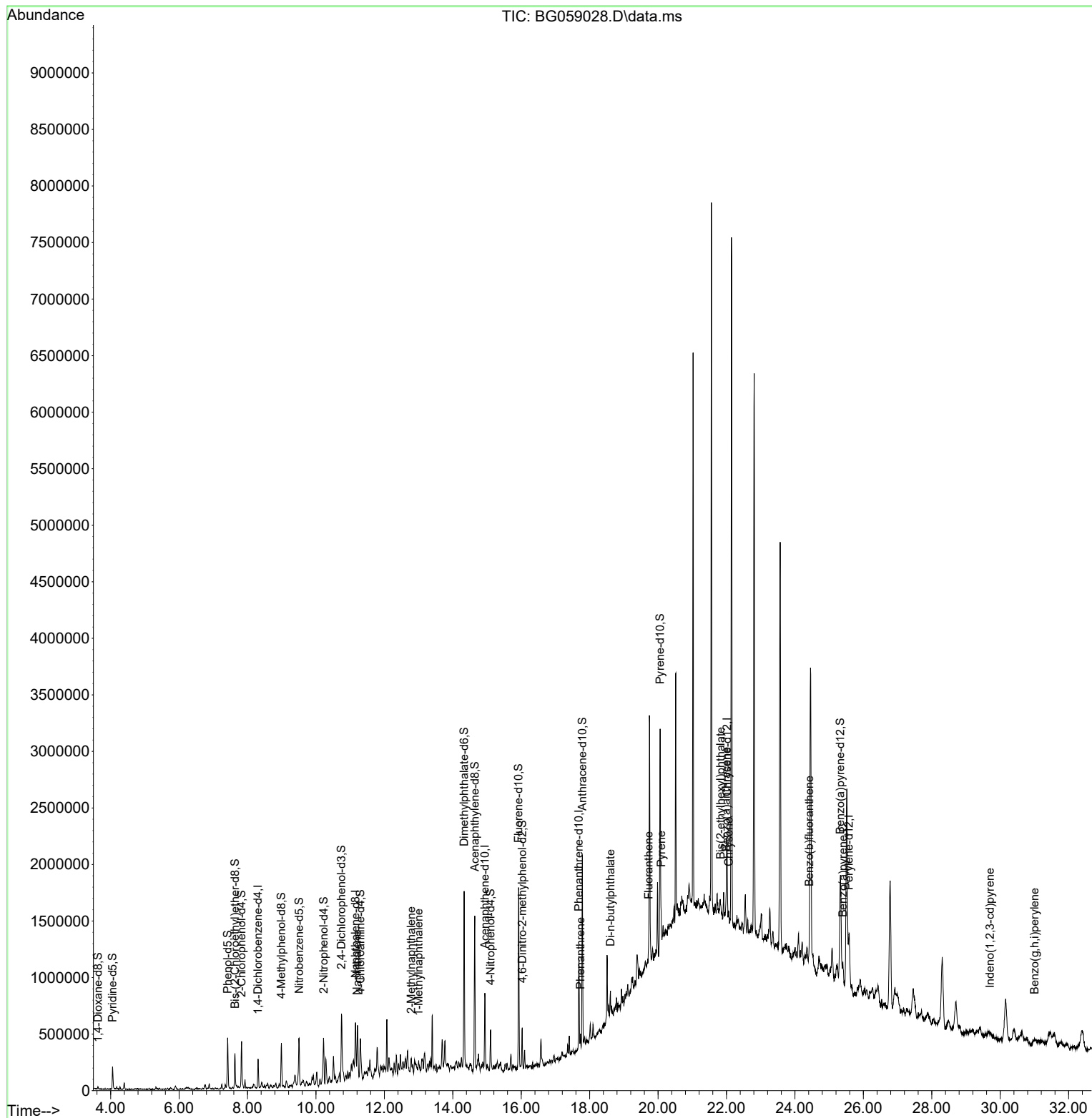
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091223\
Data File : BG059028.D
Acq On : 13 Sep 2023 3:33
Operator : MA/JU
Sample : 04175-21
Misc :
ALS Vial : 19 Sample Multiplier: 1

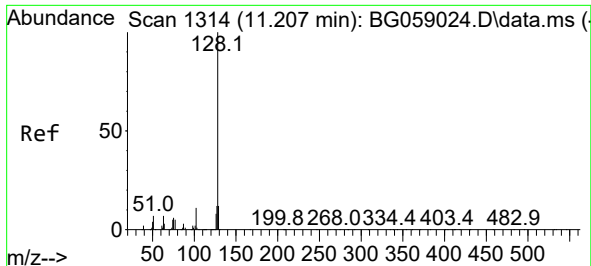
Instrument :
BNA_G
ClientSampleId :
EZYD4

Quant Time: Sep 13 04:40:06 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
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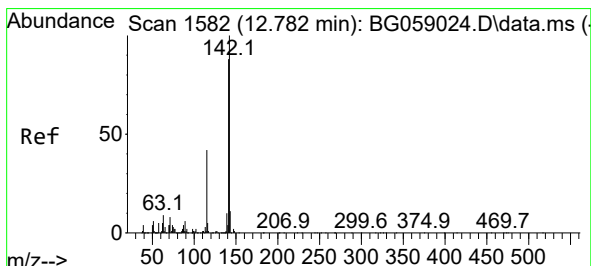
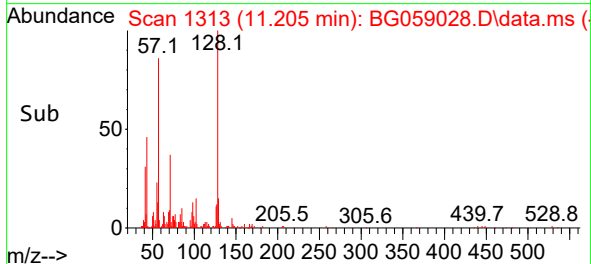
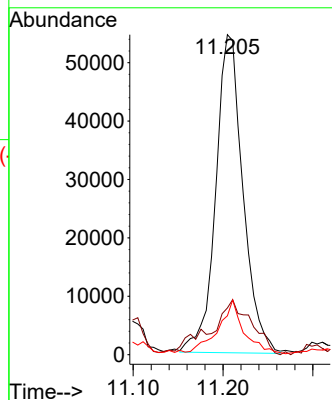
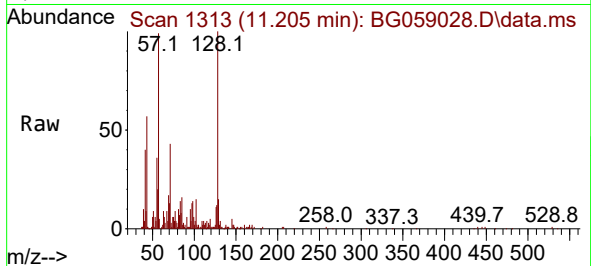
#30
Naphthalene
Concen: 6.916 ng/ul
RT: 11.205 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG059028.D
Acq: 13 Sep 2023 3:33

Instrument :
BNA_G
ClientSampleId :
EZYD4

Tgt Ion:128 Resp: 11493
Ion Ratio Lower Upper
128 100
129 14.6 8.2 12.2
127 12.1 10.9 16.3

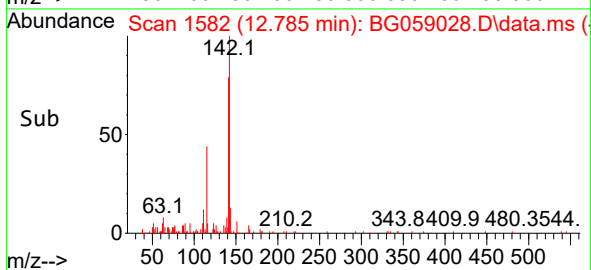
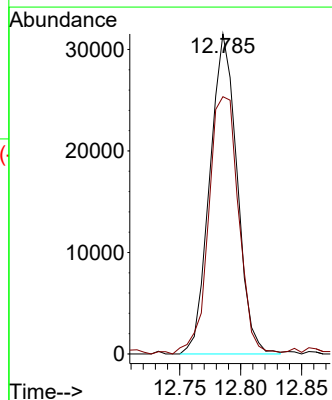
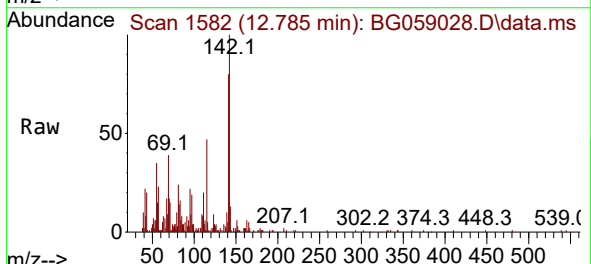
Manual Integrations
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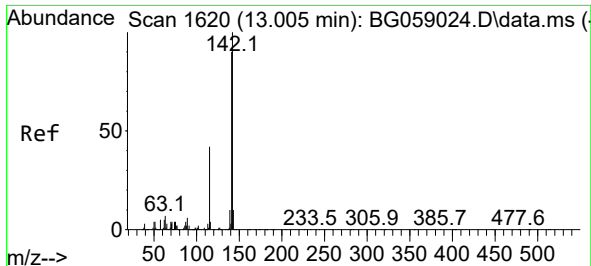
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/14/2023



#36
2-Methylnaphthalene
Concen: 3.954 ng/ul
RT: 12.785 min Scan# 1582
Delta R.T. -0.003 min
Lab File: BG059028.D
Acq: 13 Sep 2023 3:33

Tgt Ion:142 Resp: 49022
Ion Ratio Lower Upper
142 100
141 80.4 65.7 98.5





#37

1-Methylnaphthalene

Concen: 2.546 ng/ul

RT: 13.003 min Scan# 1619

Delta R.T. -0.003 min

Lab File: BG059028.D

Acq: 13 Sep 2023 3:33

Instrument :

BNA_G

ClientSampleId :

EZYD4

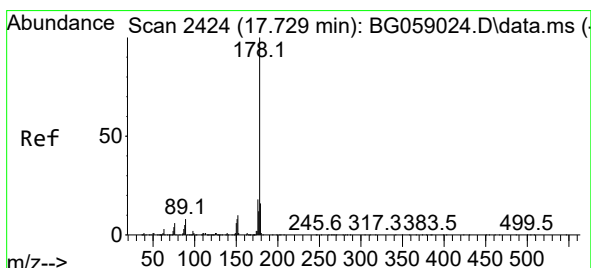
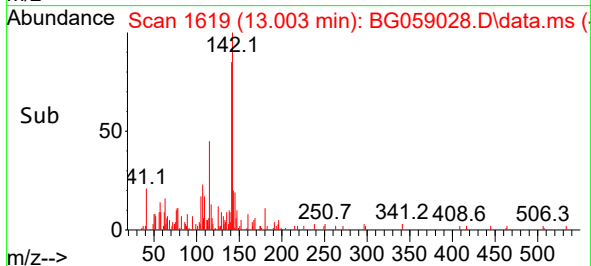
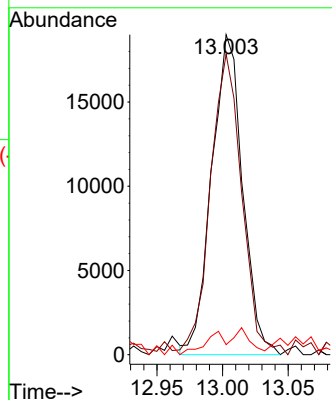
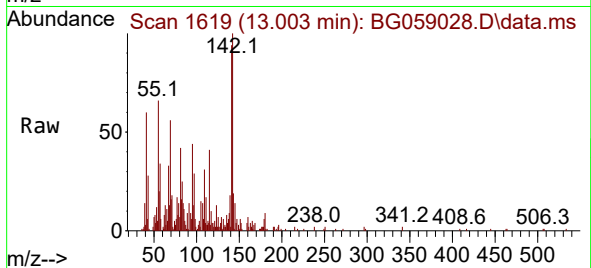
Tgt Ion:	142	Resp:	3114
Ion Ratio	Lower	Upper	
142	100		
141	93.9	73.1	109.7
116	3.1	3.4	5.0

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#72

Phenanthrene

Concen: 3.266 ng/ul

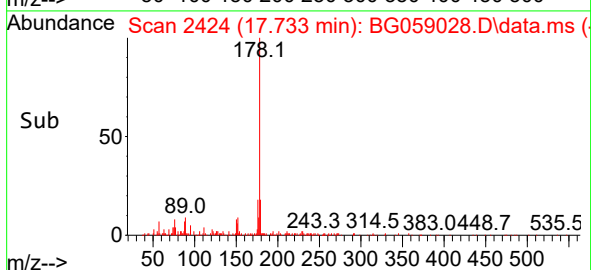
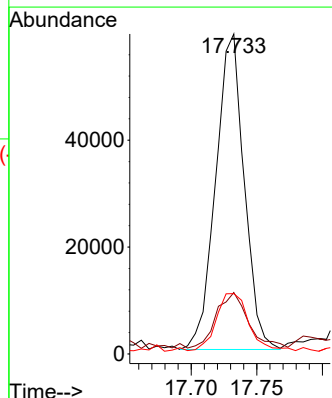
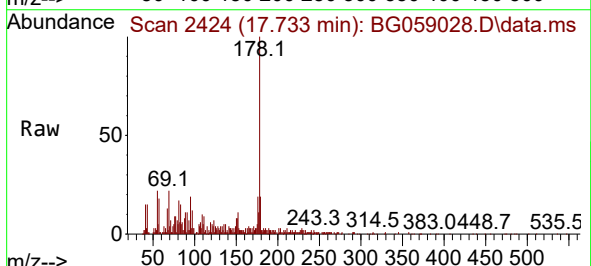
RT: 17.733 min Scan# 2424

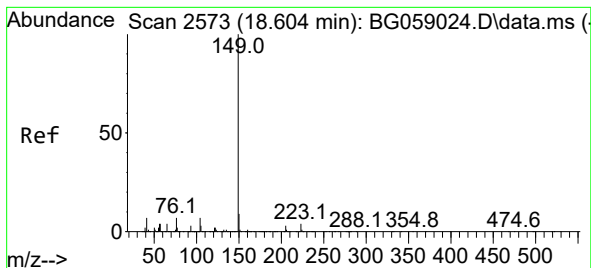
Delta R.T. 0.003 min

Lab File: BG059028.D

Acq: 13 Sep 2023 3:33

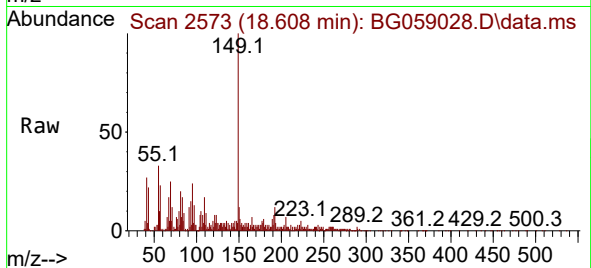
Tgt Ion:	178	Resp:	89050
Ion Ratio	Lower	Upper	
178	100		
179	19.2	11.8	17.8
176	18.9	15.1	22.7





#78
Di-n-butylphthalate
Concen: 4.468 ng/ul
RT: 18.608 min Scan# 2573
Delta R.T. 0.003 min
Lab File: BG059028.D
Acq: 13 Sep 2023 3:33

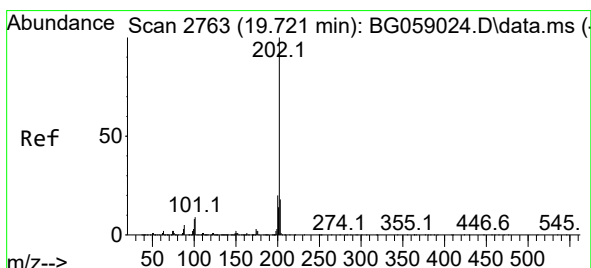
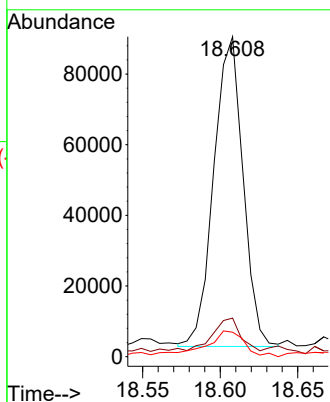
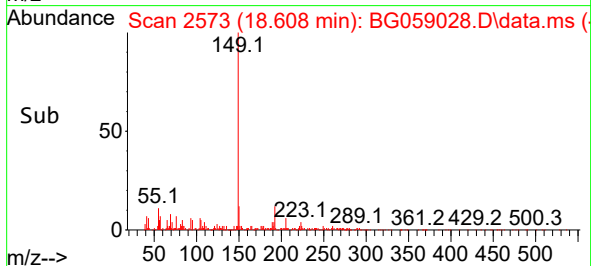
Instrument :
BNA_G
ClientSampleId :
EZYD4



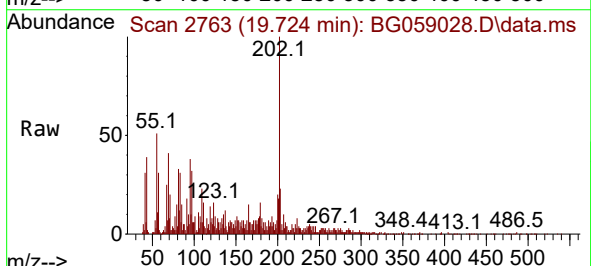
Tgt Ion:149 Resp: 114944
Ion Ratio Lower Upper
149 100
150 12.0 7.7 11.5
104 7.7 4.6 6.8

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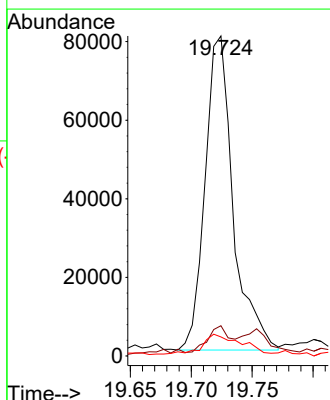
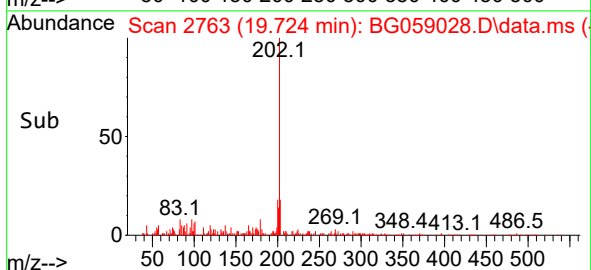
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/14/2023

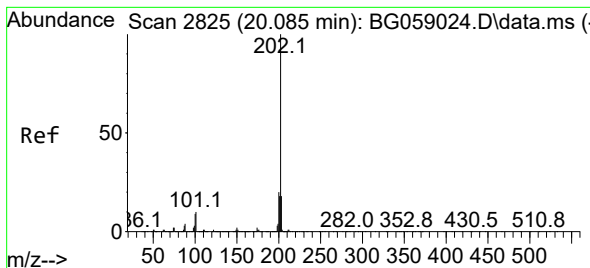


#80
Fluoranthene
Concen: 4.345 ng/ul
RT: 19.724 min Scan# 2763
Delta R.T. -0.003 min
Lab File: BG059028.D
Acq: 13 Sep 2023 3:33



Tgt Ion:202 Resp: 127970
Ion Ratio Lower Upper
202 100
101 9.4 6.1 9.1#
100 5.9 5.9 8.9





#82

Pyrene

Concen: 4.353 ng/ul

RT: 20.089 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG059028.D

Acq: 13 Sep 2023 3:33

Instrument :

BNA_G

ClientSampleId :

EZYD4

Tgt Ion:202 Resp: 13327

Ion Ratio Lower Upper

202 100

101 10.5 7.5 11.3

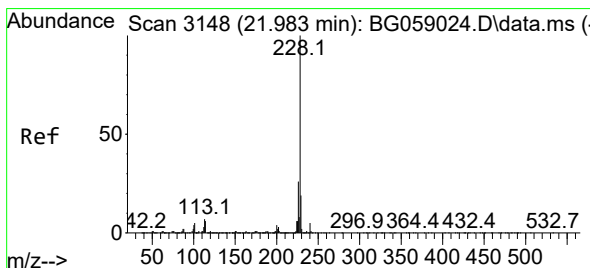
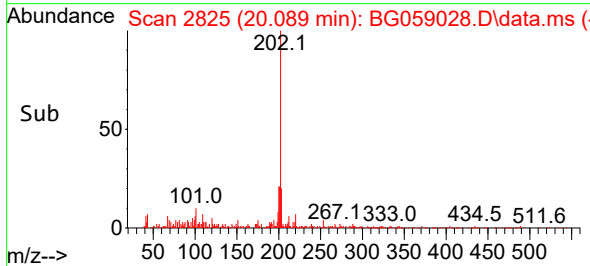
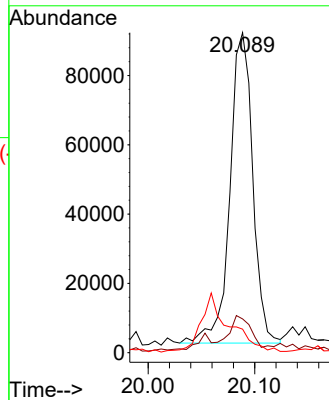
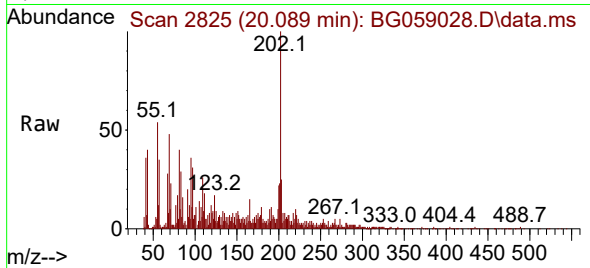
100 7.4 6.3 9.5

Manual Integrations

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Reviewed By :Yogesh Patel 09/13/2023

Supervised By :mohammad ahmed 09/14/2023



#85

Benzo(a)anthracene

Concen: 2.158 ng/ul

RT: 21.986 min Scan# 3148

Delta R.T. -0.003 min

Lab File: BG059028.D

Acq: 13 Sep 2023 3:33

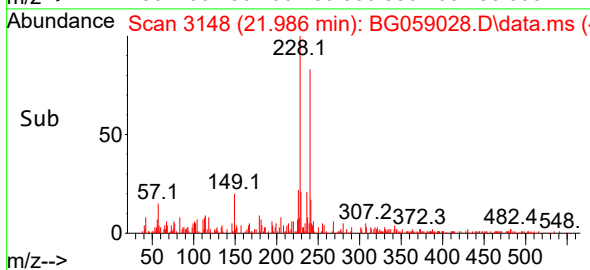
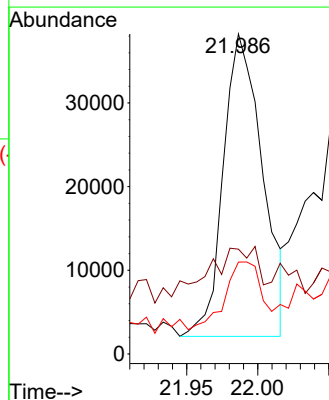
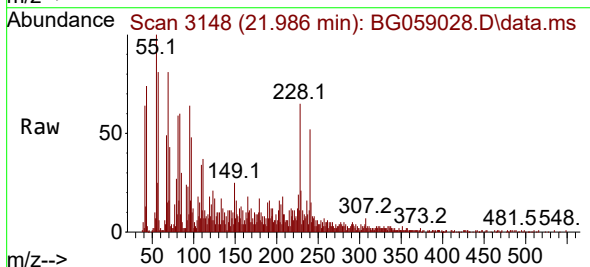
Tgt Ion:228 Resp: 69297

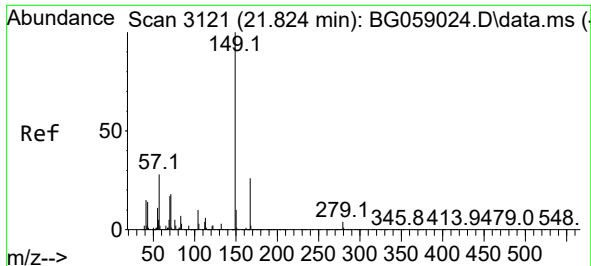
Ion Ratio Lower Upper

228 100

229 32.7 16.0 24.0#

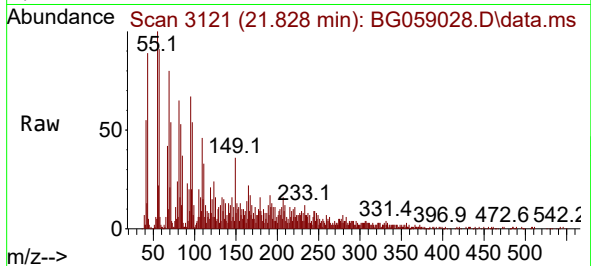
226 28.7 20.8 31.2





#86
Bis(2-ethylhexyl)phthalate
Concen: 1.615 ng/ul
RT: 21.828 min Scan# 3121
Delta R.T. -0.003 min
Lab File: BG059028.D
Acq: 13 Sep 2023 3:33

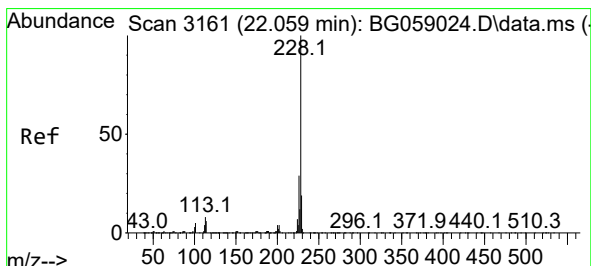
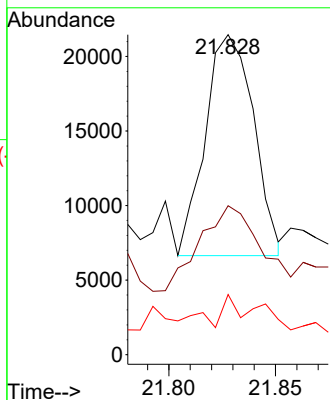
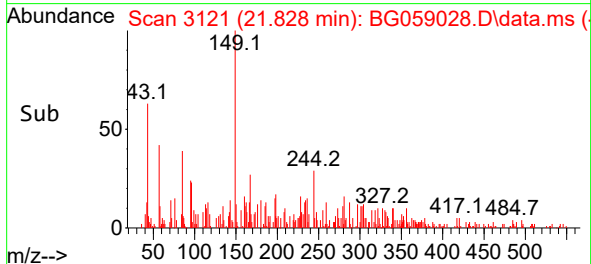
Instrument :
BNA_G
ClientSampleId :
EZYD4



Tgt Ion:149 Resp: 23402
Ion Ratio Lower Upper
149 100
167 46.6 21.0 31.6
279 18.8 3.8 5.8

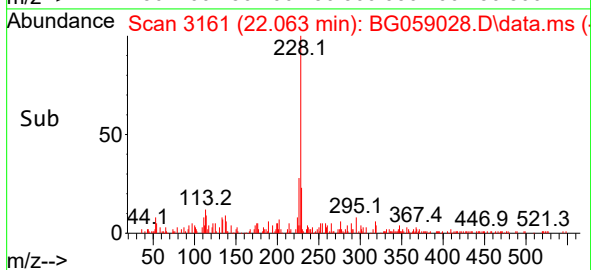
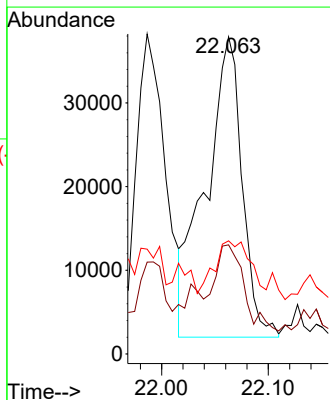
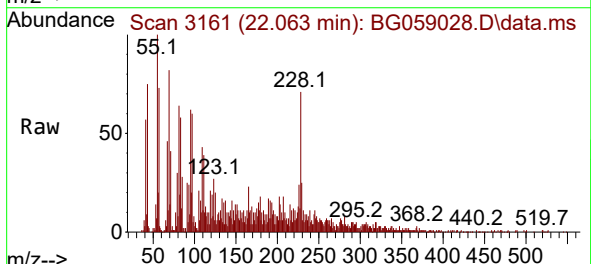
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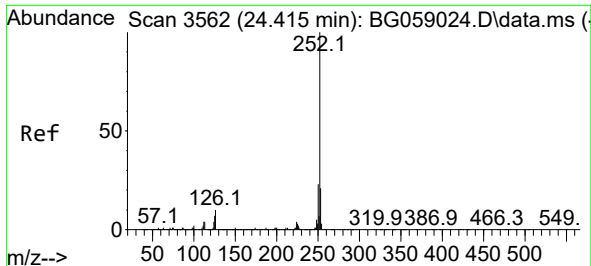
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/14/2023



#87
Chrysene
Concen: 2.866 ng/ul m
RT: 22.063 min Scan# 3161
Delta R.T. 0.003 min
Lab File: BG059028.D
Acq: 13 Sep 2023 3:33

Tgt Ion:228 Resp: 85531
Ion Ratio Lower Upper
228 100
226 34.4 23.2 34.8
229 35.6 15.3 22.9





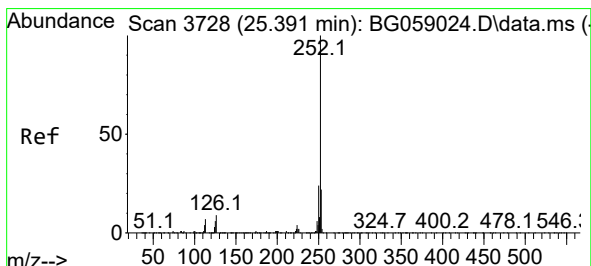
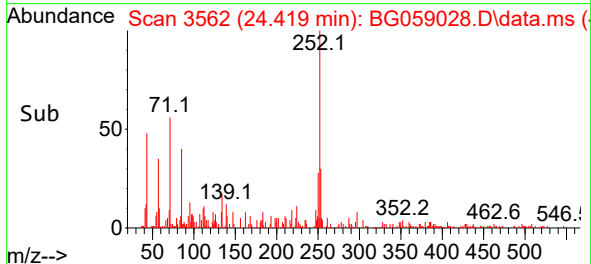
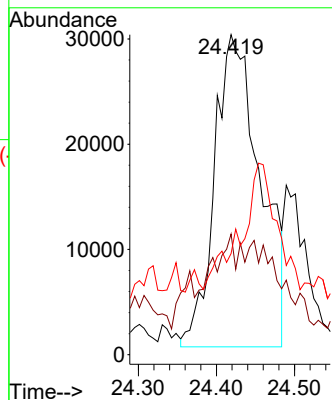
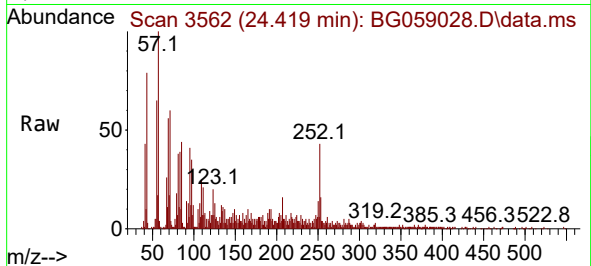
#90
Benzo(b)fluoranthene
Concen: 3.653 ng/ul m
RT: 24.419 min Scan# 3562
Delta R.T. 0.003 min
Lab File: BG059028.D
Acq: 13 Sep 2023 3:33

Instrument :
BNA_G
ClientSampleId :
EZYD4

Tgt Ion:252 Resp: 12109
Ion Ratio Lower Upper
252 100
253 37.7 17.8 26.8
125 31.6 6.2 9.2

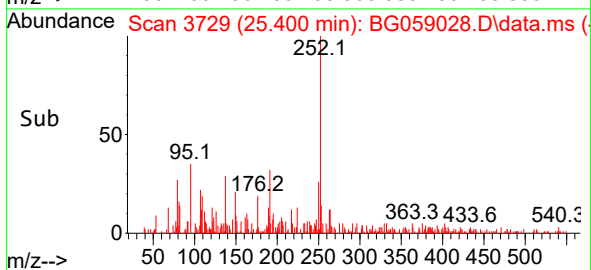
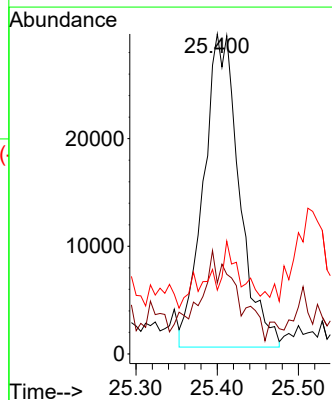
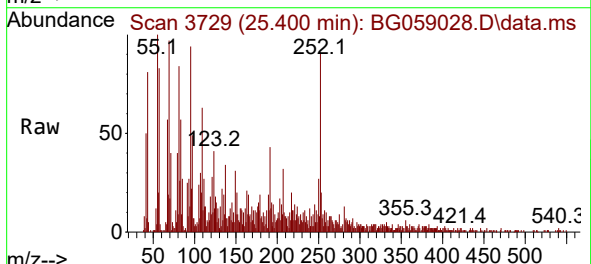
Manual Integrations
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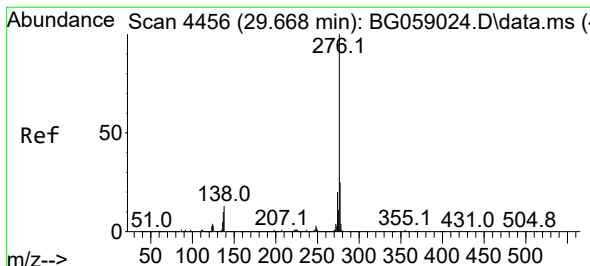
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/14/2023



#93
Benzo(a)pyrene
Concen: 2.873 ng/ul m
RT: 25.400 min Scan# 3729
Delta R.T. -0.003 min
Lab File: BG059028.D
Acq: 13 Sep 2023 3:33

Tgt Ion:252 Resp: 88848
Ion Ratio Lower Upper
252 100
253 22.2 17.1 25.7
125 19.9 5.3 7.9





#94

Indeno(1,2,3-cd)pyrene

Concen: 1.713 ng/ul m

RT: 29.695 min Scan# 44

Delta R.T. 0.015 min

Lab File: BG059028.D

Acq: 13 Sep 2023 3:33

Instrument :

BNA_G

ClientSampleId :

EZYD4

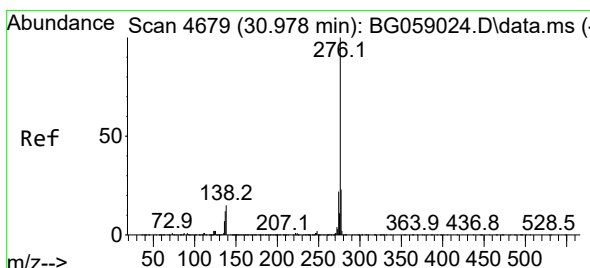
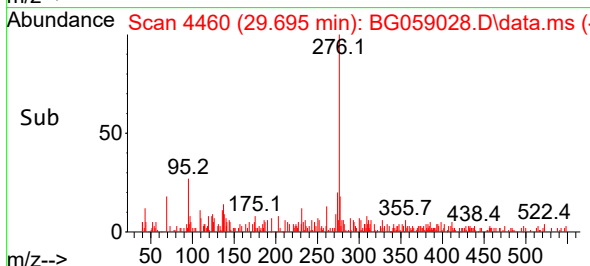
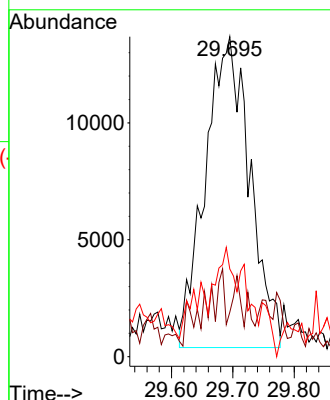
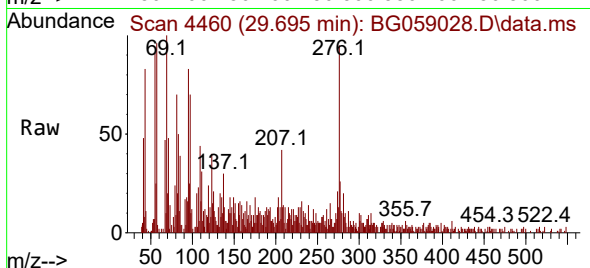
Tgt Ion:	276	Resp:	66949
Ion Ratio	Lower	Upper	
276	100		
138	13.9	11.8	17.8
277	27.4	20.7	31.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/13/2023

Supervised By :mohammad ahmed 09/14/2023



#96

Benzo(g,h,i)perylene

Concen: 2.653 ng/ul m

RT: 31.005 min Scan# 4683

Delta R.T. 0.015 min

Lab File: BG059028.D

Acq: 13 Sep 2023 3:33

Tgt Ion:	276	Resp:	82056
Ion Ratio	Lower	Upper	
276	100		
138	16.7	11.4	17.2
277	28.4	17.4	26.2#

