

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100523\
 Data File : BG059296.D
 Acq On : 5 Oct 2023 14:41
 Operator : MA/JU
 Sample : 04527-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EZYK6

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/06/2023
 Supervised By :mohammad ahmed 10/06/2023

Quant Time: Oct 06 00:11:44 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 28 04:33:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.237	152	33604	20.000	ng/u1	0.00
20) Naphthalene-d8	11.075	136	158453	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.864	164	98221	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.614	188	210708	20.000	ng/u1	0.00
79) Chrysene-d12	21.921	240	172058	20.000	ng/u1	0.00
88) Perylene-d12	25.411	264	210662	20.000	ng/u1	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.531	96	3914	4.396	ng/uL	0.00
4) Pyridine-d5	3.965	84	5050	1.944	ng/u1	0.00
7) Phenol-d5	7.361	99	49580	14.740	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.550	67	36774	17.114	ng/u1	0.00
11) 2-Chlorophenol-d4	7.749	132	11731	5.188	ng/u1	0.00
15) 4-Methylphenol-d8	8.924	113	11239	4.322	ng/u1	0.00
21) Nitrobenzene-d5	9.430	128	23947	21.417	ng/u1	0.00
24) 2-Nitrophenol-d4	10.141	143	6156	5.608	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.675	165	1630	0.723	ng/u1	0.00
31) 4-Chloroaniline-d4	11.222	131	50786	13.921	ng/u1	0.00
46) Dimethylphthalate-d6	14.259	166	166610	23.462	ng/u1	0.00
49) Acenaphthylene-d8	14.571	160	213862	23.993	ng/u1	0.00
54) 4-Nitrophenol-d4	0.000	143	0	0.000	ng/u1	
60) Fluorene-d10	15.852	176	161989	23.967	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.904	200	163	0.150	ng/u1	-0.06
73) Anthracene-d10	17.714	188	209187	21.788	ng/u1	0.00
81) Pyrene-d10	19.988	212	255317	26.498	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.170	264	237843	23.495	ng/u1	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	9.077	105	19013	4.721	ng/u1	91
36) 2-Methylnaphthalene	12.714	142	7411	1.332	ng/u1	83
72) Phenanthrene	17.655	178	20572	1.779	ng/u1#	90
80) Fluoranthene	19.653	202	46503	3.918	ng/u1#	94
82) Pyrene	20.017	202	51124	4.066	ng/u1#	95
85) Benzo(a)anthracene	21.903	228	17619m	1.455	ng/u1	
87) Chrysene	21.968	228	69835m	6.105	ng/u1	
90) Benzo(b)fluoranthene	24.283	252	71916	5.574	ng/u1#	74
91) Benzo(k)fluoranthene	24.342	252	23460m	1.794	ng/u1	
93) Benzo(a)pyrene	25.235	252	22790	1.862	ng/u1#	45
94) Indeno(1,2,3-cd)pyrene	29.441	276	31254m	2.256	ng/u1	
96) Benzo(g,h,i)perylene	30.716	276	34948m	3.102	ng/u1	

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

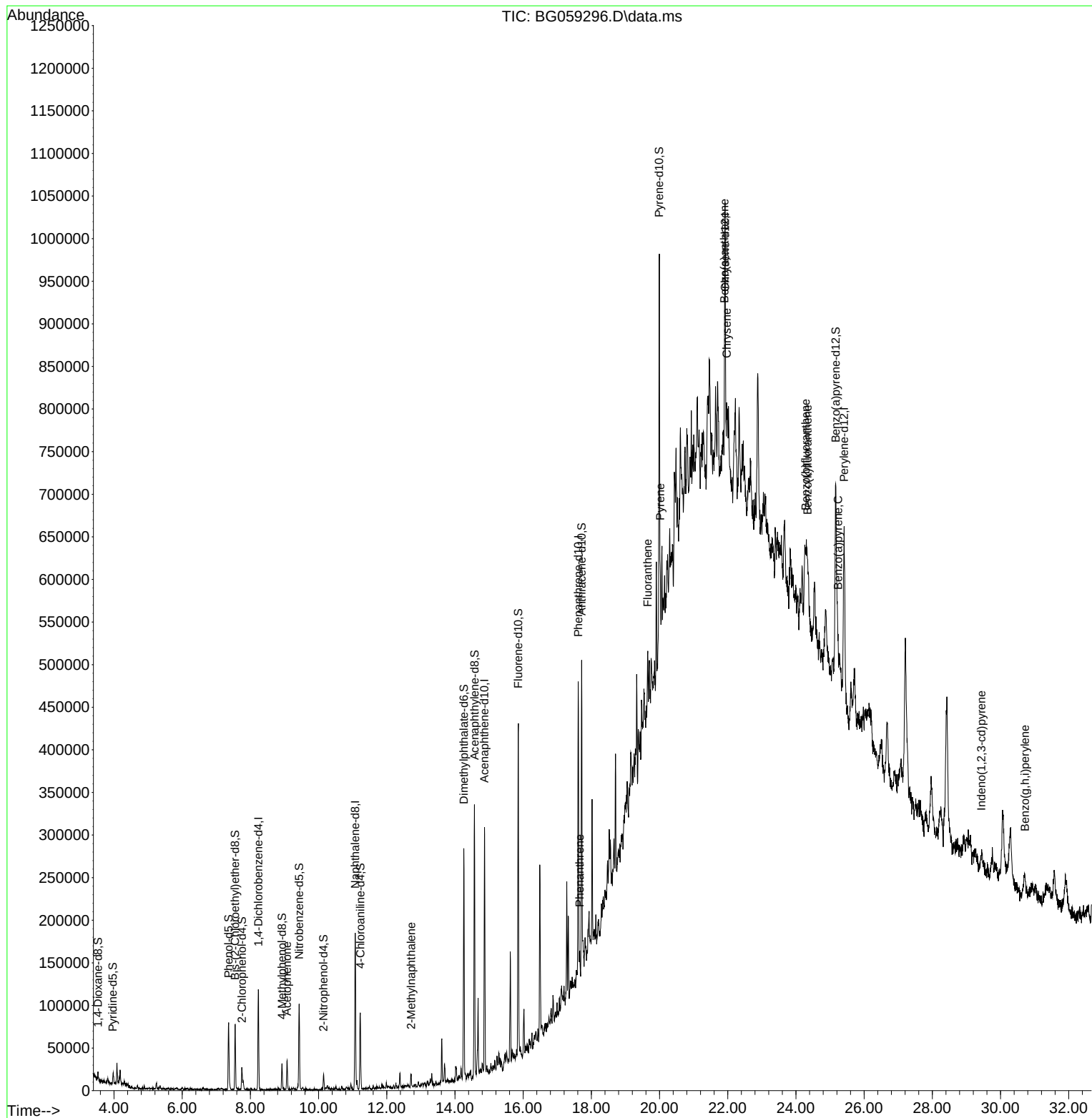
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100523\
 Data File : BG059296.D
 Acq On : 5 Oct 2023 14:41
 Operator : MA/JU
 Sample : 04527-07
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 ALS Vial : 10 Sample Multiplier: 1

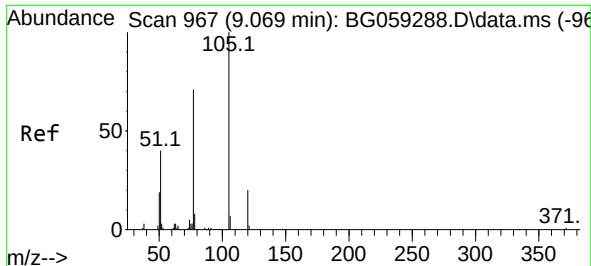
Instrument :
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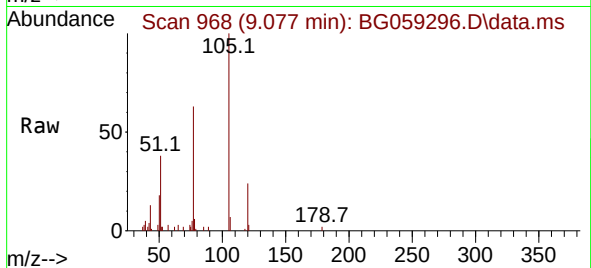
Quant Time: Oct 06 00:11:44 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
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#16
Acetophenone
Concen: 4.721 ng/ul
RT: 9.077 min Scan# 901
Delta R.T. -0.000 min
Lab File: BG059296.D
Acq: 5 Oct 2023 14:41

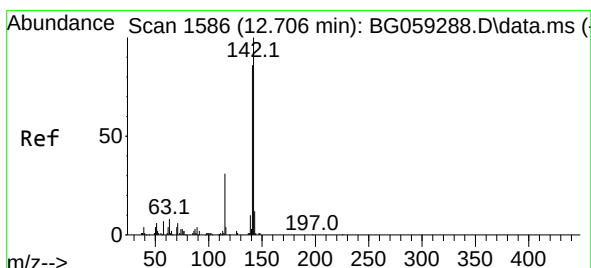
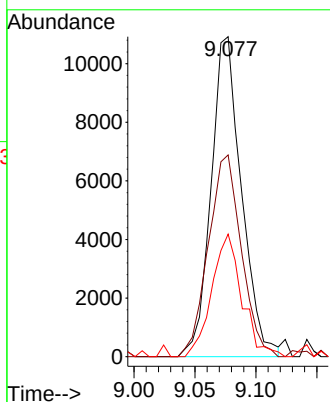
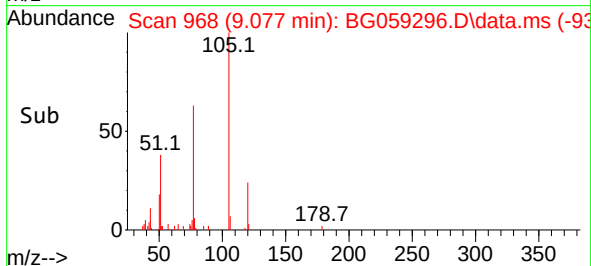
Instrument :
BNA_G
ClientSampleId :
EZYK6



Tgt Ion:105 Resp: 1901
Ion Ratio Lower Upper
105 100
77 63.0 58.8 88.2
51 38.3 32.6 48.8

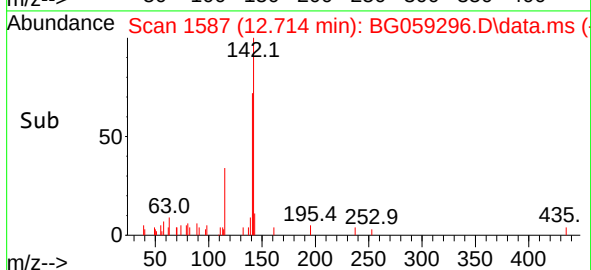
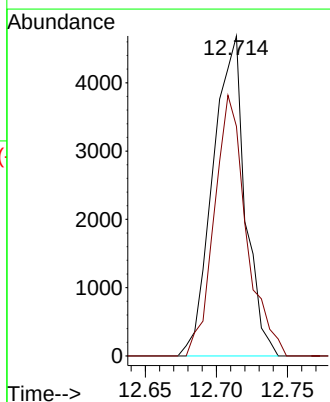
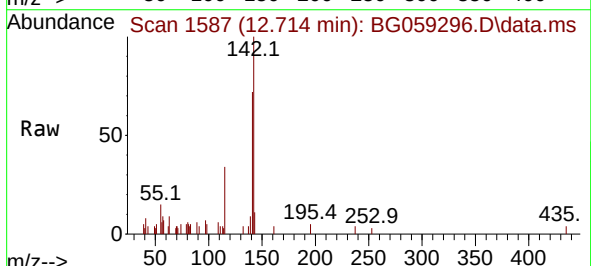
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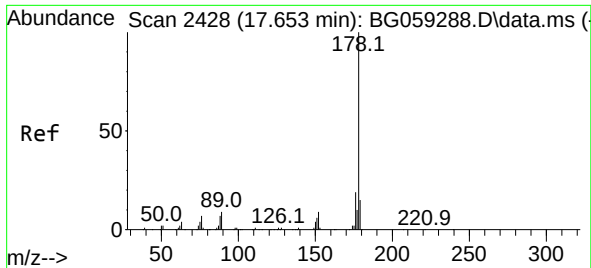
Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/06/2023



#36
2-Methylnaphthalene
Concen: 1.332 ng/ul
RT: 12.714 min Scan# 1587
Delta R.T. -0.000 min
Lab File: BG059296.D
Acq: 5 Oct 2023 14:41

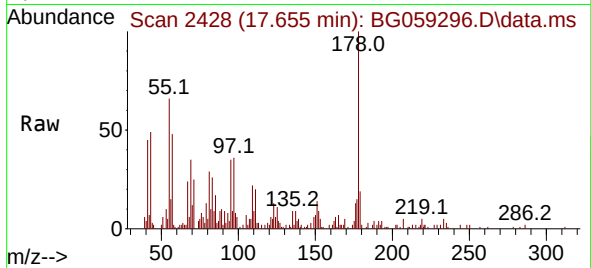
Tgt Ion:142 Resp: 7411
Ion Ratio Lower Upper
142 100
141 71.7 70.2 105.2





#72
Phenanthrene
Concen: 1.779 ng/ul
RT: 17.655 min Scan# 2428
Delta R.T. -0.006 min
Lab File: BG059296.D
Acq: 5 Oct 2023 14:41

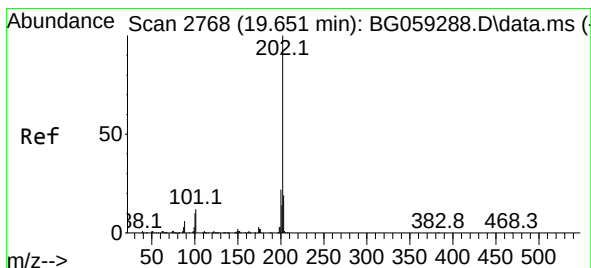
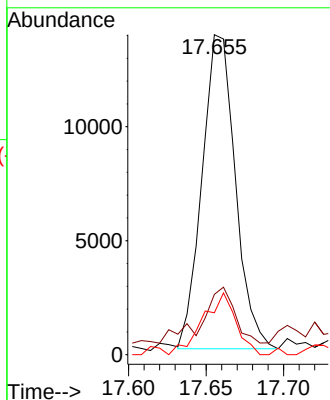
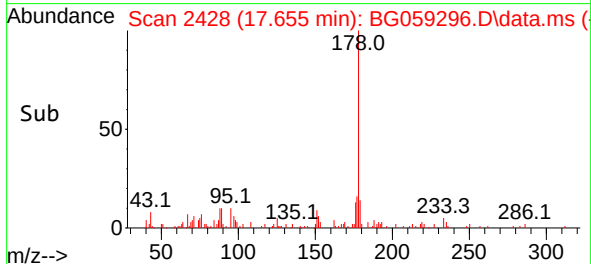
Instrument :
BNA_G
ClientSampleId :
EZYK6



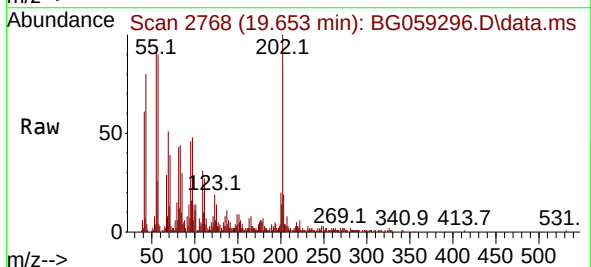
Tgt Ion:178 Resp: 20572
Ion Ratio Lower Upper
178 100
179 18.8 12.3 18.5
176 13.1 14.6 21.8

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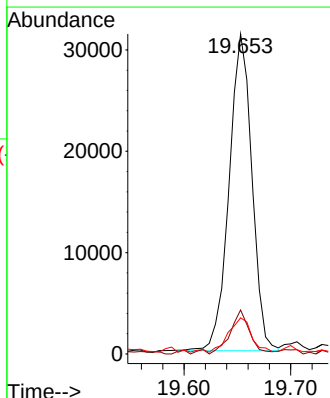
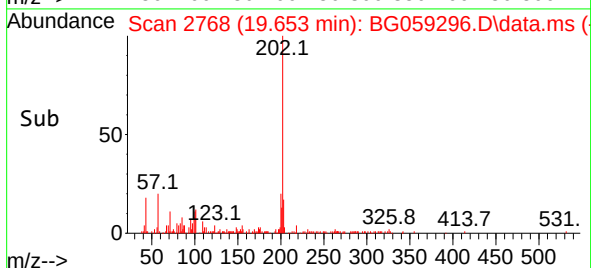
Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/06/2023

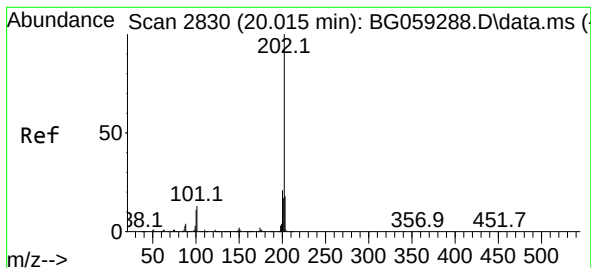


#80
Fluoranthene
Concen: 3.918 ng/ul
RT: 19.653 min Scan# 2768
Delta R.T. -0.006 min
Lab File: BG059296.D
Acq: 5 Oct 2023 14:41



Tgt Ion:202 Resp: 46503
Ion Ratio Lower Upper
202 100
101 13.7 8.2 12.4
100 11.3 8.2 12.2





#82

Pyrene

Concen: 4.066 ng/ul

RT: 20.017 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG059296.D

Acq: 5 Oct 2023 14:41

Instrument :

BNA_G

ClientSampleId :

EZYK6

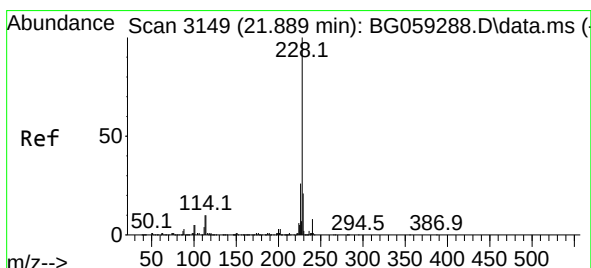
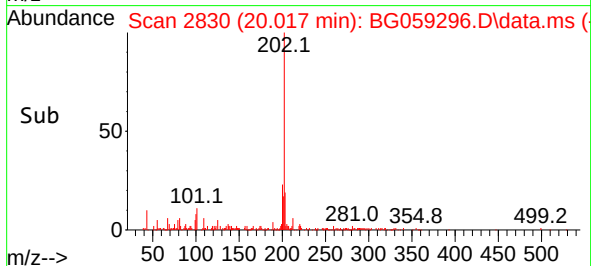
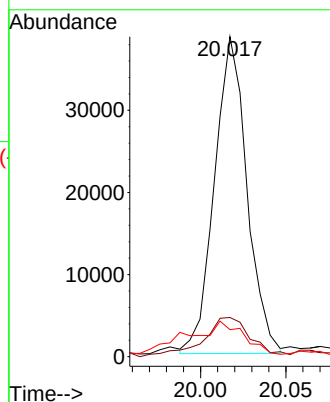
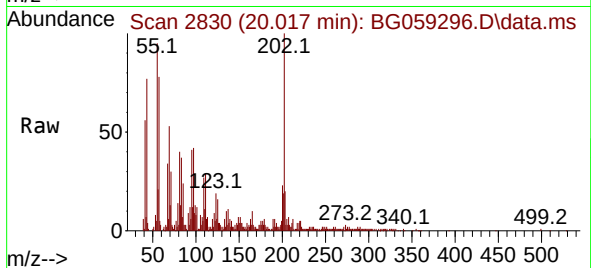
Tgt Ion:	202	Resp:	51124
Ion Ratio	Lower	Upper	
202	100		
101	12.2	10.2	15.4
100	8.5	9.6	14.4

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#85

Benzo(a)anthracene

Concen: 1.455 ng/ul m

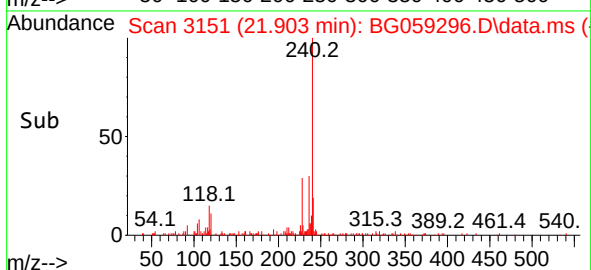
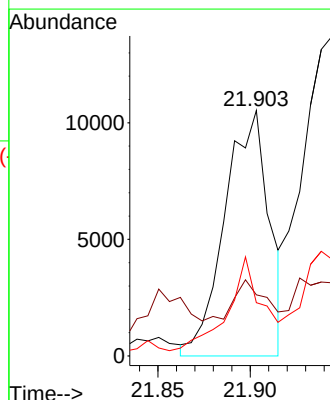
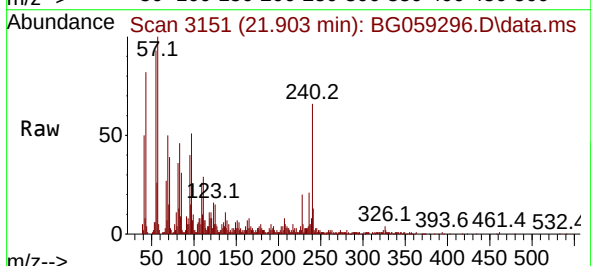
RT: 21.903 min Scan# 3151

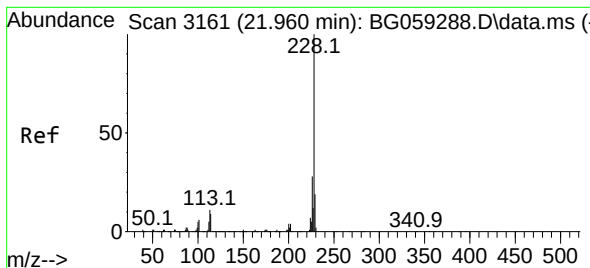
Delta R.T. -0.000 min

Lab File: BG059296.D

Acq: 5 Oct 2023 14:41

Tgt Ion:	228	Resp:	17619
Ion Ratio	Lower	Upper	
228	100		
229	24.9	15.5	23.3#
226	21.7	21.4	32.2





#87

Chrysene

Concen: 6.105 ng/ul m

RT: 21.968 min Scan# 3161

Delta R.T. -0.006 min

Lab File: BG059296.D

Acq: 5 Oct 2023 14:41

Instrument :

BNA_G

ClientSampleId :

EZYK6

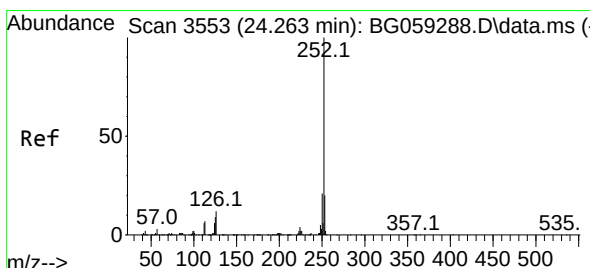
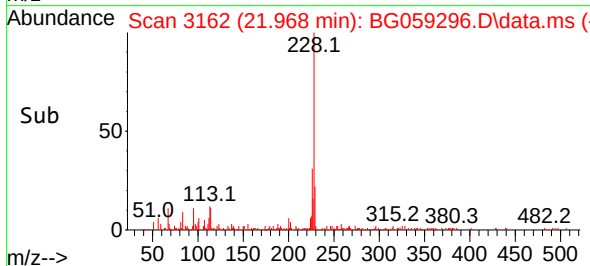
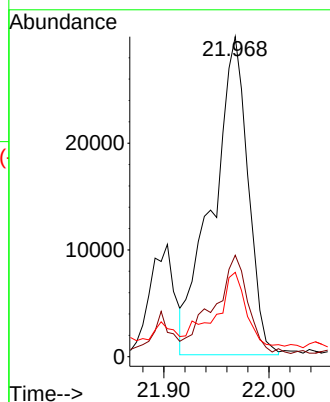
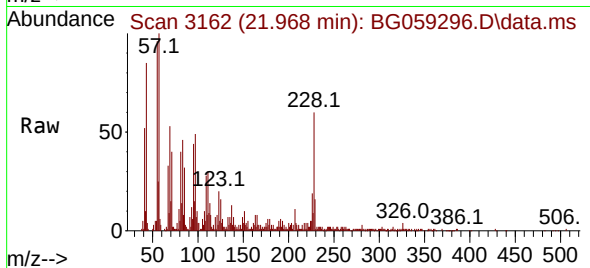
Tgt Ion:228	Resp: 6983
Ion Ratio	Lower Upper
228	100
226	31.7 24.2 36.4
229	26.3 16.2 24.2

Manual Integrations

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#90

Benzo(b)fluoranthene

Concen: 5.574 ng/ul

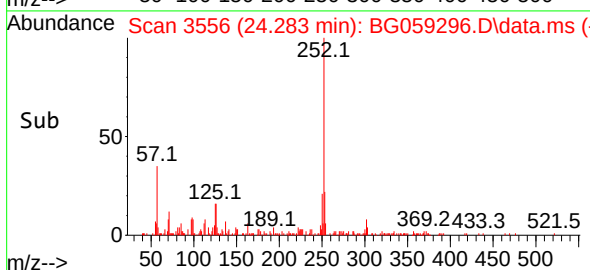
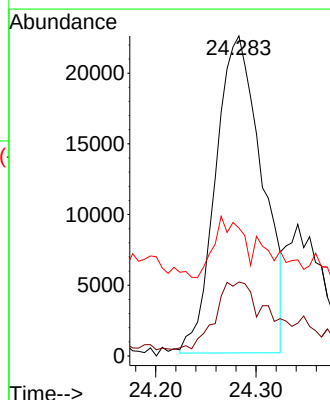
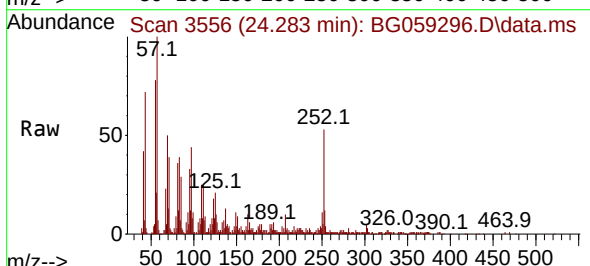
RT: 24.283 min Scan# 3556

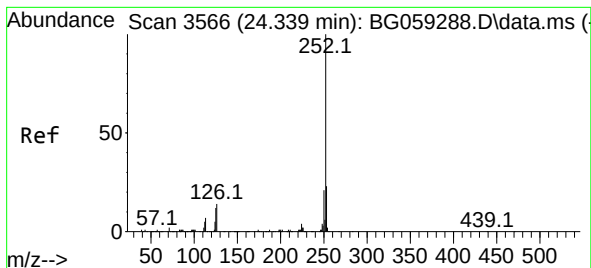
Delta R.T. -0.000 min

Lab File: BG059296.D

Acq: 5 Oct 2023 14:41

Tgt Ion:252	Resp: 71916
Ion Ratio	Lower Upper
252	100
253	23.1 18.0 27.0
125	40.0 8.1 12.1





#91

Benzo(k)fluoranthene

Concen: 1.794 ng/ul m

RT: 24.342 min Scan# 3

Delta R.T. -0.018 min

Lab File: BG059296.D

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Instrument :

BNA_G

ClientSampleId :

EZYK6

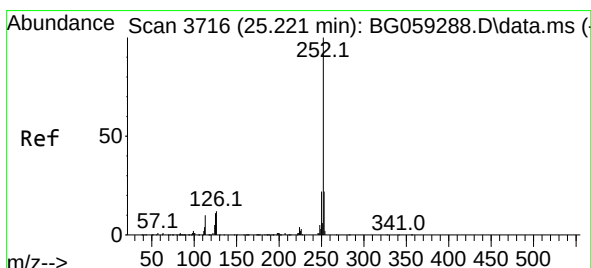
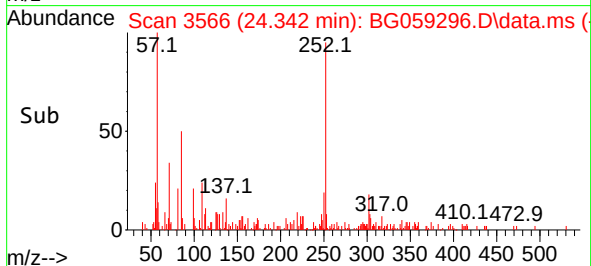
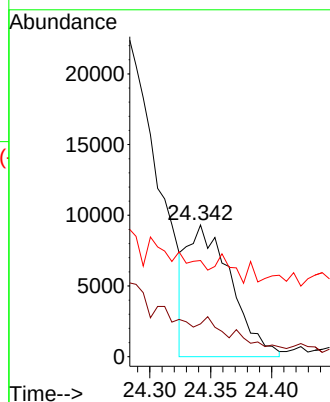
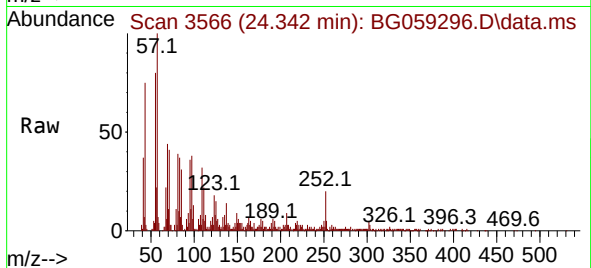
Tgt Ion:	252	Resp:	23460
Ion Ratio	Lower	Upper	
252	100		
253	24.9	17.6	26.4
125	73.0	8.1	12.1

Manual Integrations

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#93

Benzo(a)pyrene

Concen: 1.862 ng/ul

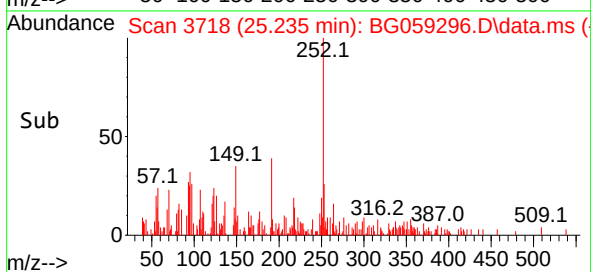
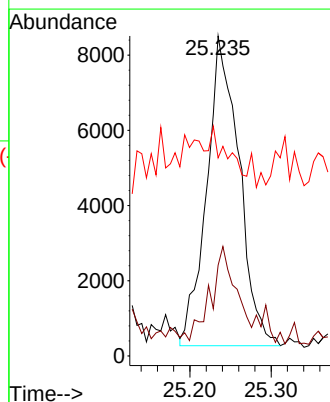
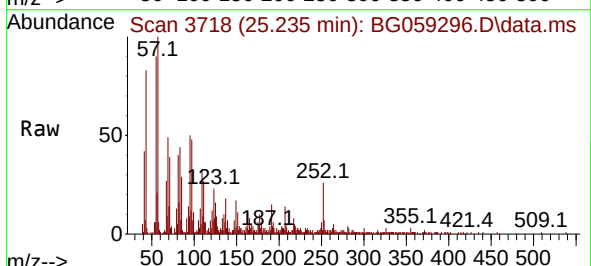
RT: 25.235 min Scan# 3718

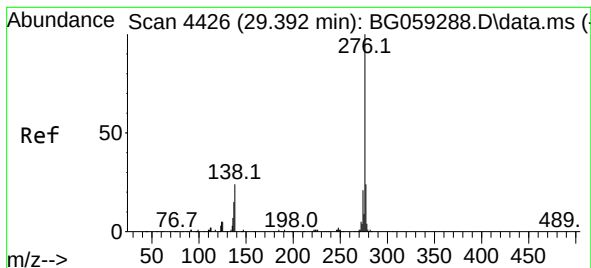
Delta R.T. -0.006 min

Lab File: BG059296.D

Acq: 5 Oct 2023 14:41

Tgt Ion:	252	Resp:	22790
Ion Ratio	Lower	Upper	
252	100		
253	28.4	17.2	25.8#
125	61.9	9.4	14.0#





#94

Indeno(1,2,3-cd)pyrene

Concen: 2.256 ng/ul m

RT: 29.441 min Scan# 4426

Delta R.T. 0.006 min

Lab File: BG059296.D

Acq: 5 Oct 2023 14:41

Instrument :

BNA_G

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EZYK6

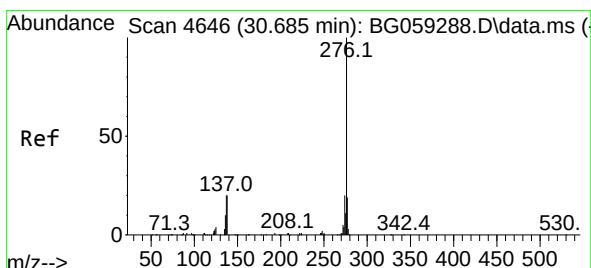
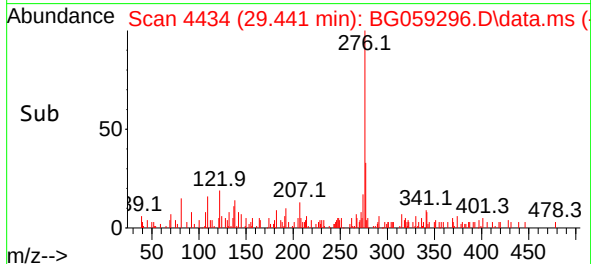
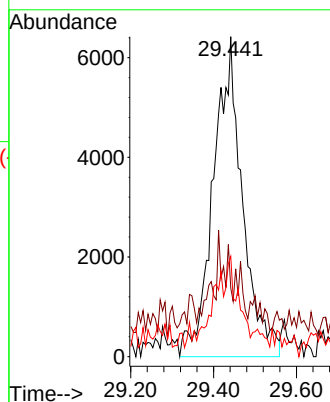
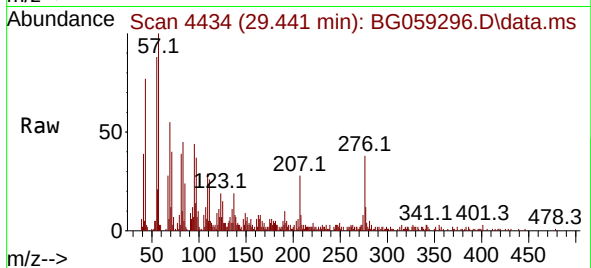
Tgt Ion:	276	Resp:	31254
Ion Ratio	Lower	Upper	
276	100		
138	21.4	17.0	25.6
277	31.4	18.6	28.0

Manual Integrations

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Supervised By :mohammad ahmed 10/06/2023



#96

Benzo(g,h,i)perylene

Concen: 3.102 ng/ul m

RT: 30.716 min Scan# 4651

Delta R.T. 0.006 min

Lab File: BG059296.D

Acq: 5 Oct 2023 14:41

Tgt Ion:	276	Resp:	34948
Ion Ratio	Lower	Upper	
276	100		
138	29.6	16.6	25.0
277	23.2	20.0	30.0

