

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092821\
 Data File : BG050299.D
 Acq On : 29 Sep 2021 00:25
 Operator : CG/JU
 Sample : M3755-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AA6

Manual Integrations
 APPROVED

mohammad
 9/29/2021 12:53:38 PM

Quant Time: Sep 29 02:13:57 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG092521.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Sep 27 03:10:48 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.282	152	52288	20.000	ng/ul	0.00
20) Naphthalene-d8	11.108	136	207609	20.000	ng/ul	#-0.01
38) Acenaphthene-d10	14.898	164	144566	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.642	188	315831	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.948	240	305661	20.000	ng/ul	# 0.00
88) Perylene-d12	25.385	264	330139	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.664	96	2783m	2.574	ng/uL	0.00
4) Pyridine-d5	4.093	84	15843	4.862	ng/ul	0.00
7) Phenol-d5	7.412	99	47430	11.425	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.595	67	31356	13.013	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.806	132	33885	11.229	ng/ul	0.00
15) 4-Methylphenol-d8	8.969	113	31893	9.752	ng/ul	-0.01
21) Nitrobenzene-d5	9.451	128	18453	14.388	ng/ul	-0.01
24) 2-Nitrophenol-d4	10.180	143	17241	12.171	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.714	165	33995	10.287	ng/ul	0.00
31) 4-Chloroaniline-d4	11.237	131	35617	8.205	ng/ul	0.00
46) Dimethylphthalate-d6	14.293	166	110946	11.292	ng/ul	-0.01
49) Acenaphthylene-d8	14.598	160	143335	11.605	ng/ul	0.00
54) 4-Nitrophenol-d4	15.056	143	13245	7.990	ng/ul	-0.01
60) Fluorene-d10	15.885	176	105921	11.775	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.985	200	13242	9.897	ng/ul	0.00
73) Anthracene-d10	17.742	188	160672	11.944	ng/ul	0.00
81) Pyrene-d10	20.009	212	201298	12.164	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.145	264	195414	11.610	ng/ul	-0.02
Target Compounds						
					Qvalue	
72) Phenanthrene	17.683	178	29362m	1.873	ng/ul	
80) Fluoranthene	19.680	202	94374	4.498	ng/ul#	94
82) Pyrene	20.045	202	89939	4.359	ng/ul#	93
85) Benzo(a)anthracene	21.925	228	75930	4.125	ng/ul	99
87) Chrysene	21.995	228	69677	3.905	ng/ul	94
90) Benzo(b)fluoranthene	24.281	252	117981	6.105	ng/ul#	94
91) Benzo(k)fluoranthene	24.351	252	41342m	2.278	ng/ul	
93) Benzo(a)pyrene	25.221	252	90172	4.913	ng/ul#	90
94) Indeno(1,2,3-cd)pyrene	29.322	276	67938m	3.167	ng/ul	
96) Benzo(g,h,i)perylene	30.562	276	58177m	3.170	ng/ul	

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

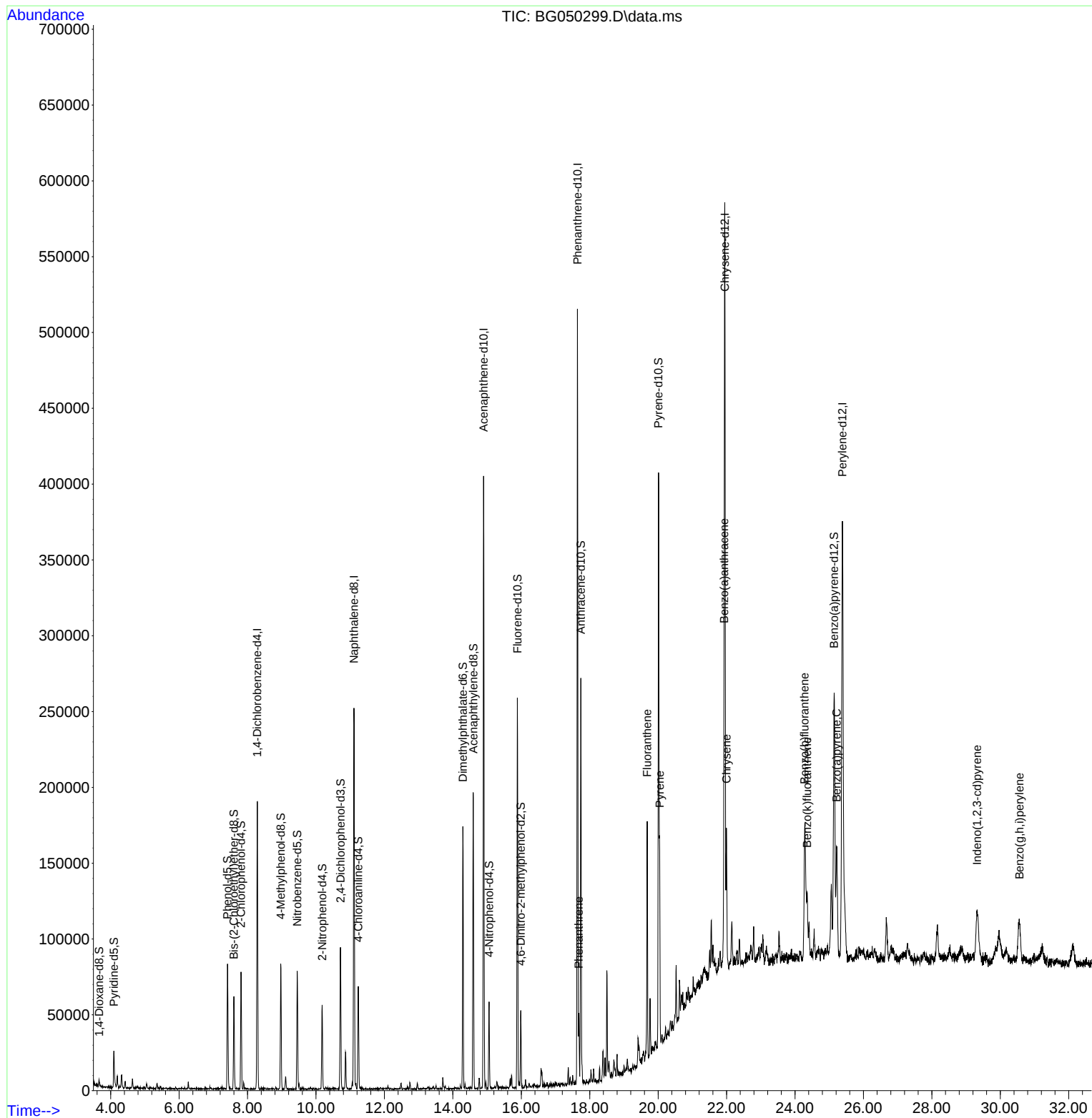
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092821\
Data File : BG050299.D
Acq On : 29 Sep 2021 00:25
Operator : CG/JU
Sample : M3755-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

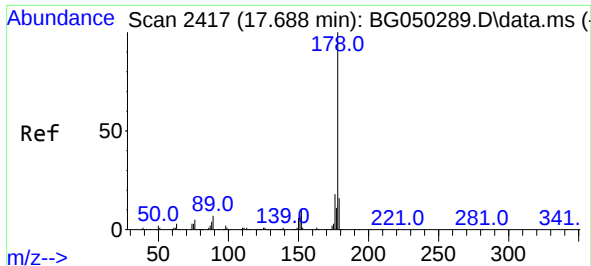
Instrument :
BNA_G
ClientSampleId :
C0AA6

Manual Integrations
APPROVED

mohammad
9/29/2021 12:53:38 PM

Quant Time: Sep 29 02:13:57 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG092521.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 27 03:10:48 2021
Response via : Initial Calibration





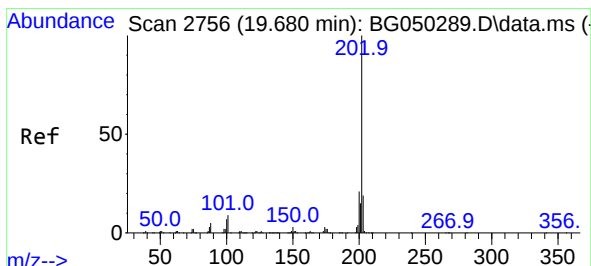
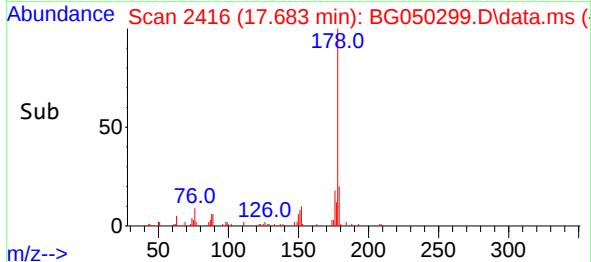
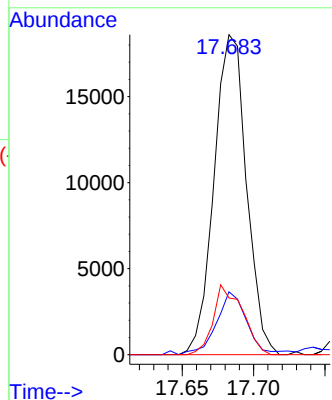
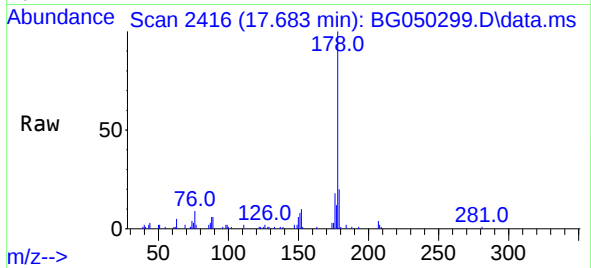
#72
Phenanthrene
Concen: 1.873 ng/ul m
RT: 17.683 min Scan# 2416
Delta R.T. -0.009 min
Lab File: BG050299.D
Acq: 29 Sep 2021 00:25

Tgt Ion:178 Resp: 29362
Ion Ratio Lower Upper
178 100
179 19.7 11.7 17.5#
176 17.7 16.2 24.2

Instrument :
BNA_G
ClientSampled :
C0AA6

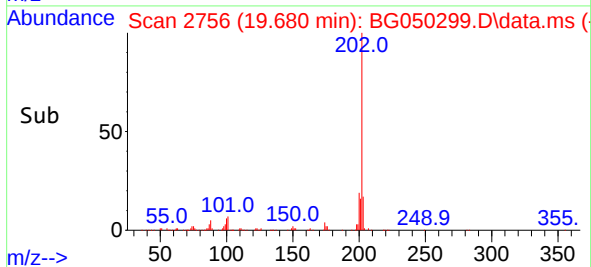
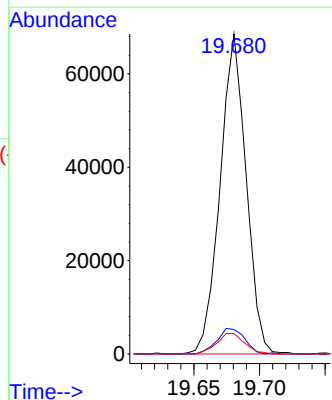
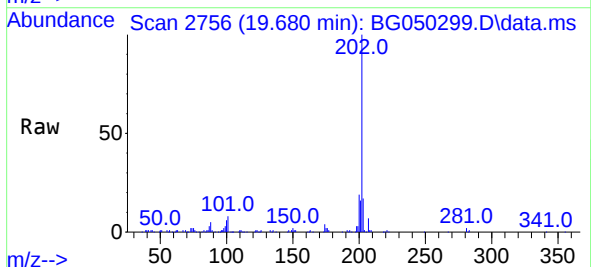
Manual Integrations
APPROVED

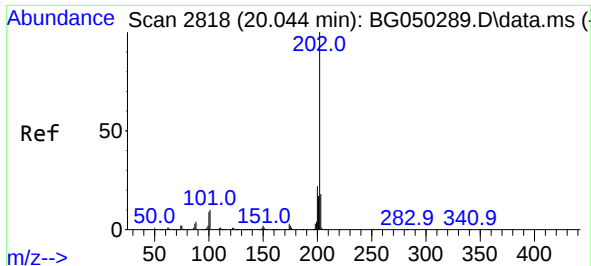
mohammad
9/29/2021 12:53:38 PM



#80
Fluoranthene
Concen: 4.498 ng/ul
RT: 19.680 min Scan# 2756
Delta R.T. -0.009 min
Lab File: BG050299.D
Acq: 29 Sep 2021 00:25

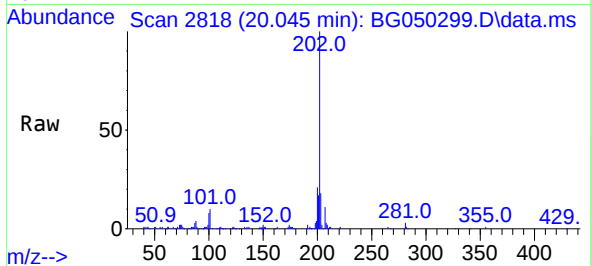
Tgt Ion:202 Resp: 94374
Ion Ratio Lower Upper
202 100
101 7.7 4.3 6.5#
100 6.4 3.5 5.3#





#82
Pyrene
Concen: 4.359 ng/ul
RT: 20.045 min Scan# 2818
Delta R.T. -0.003 min
Lab File: BG050299.D
Acq: 29 Sep 2021 00:25

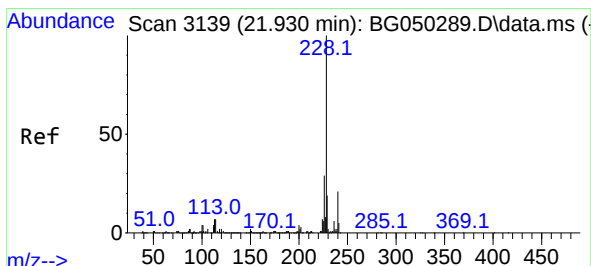
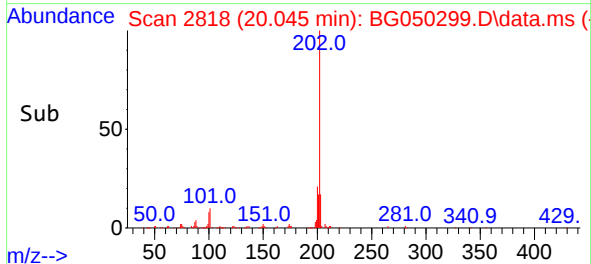
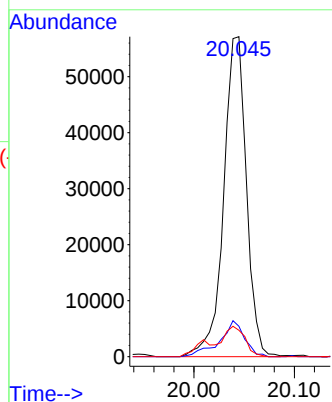
Instrument :
BNA_G
ClientSampled :
C0AA6



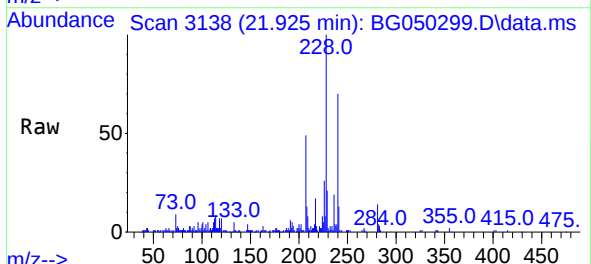
Tgt Ion:202 Resp: 89939
Ion Ratio Lower Upper
202 100
101 9.5 5.4 8.0#
100 8.3 5.0 7.6#

Manual Integrations
APPROVED

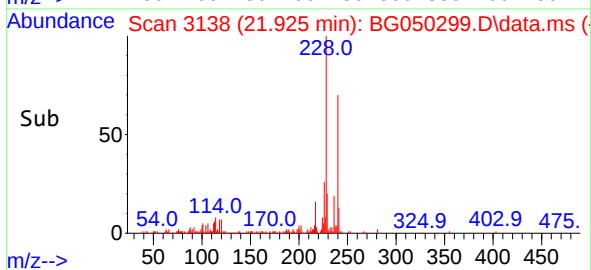
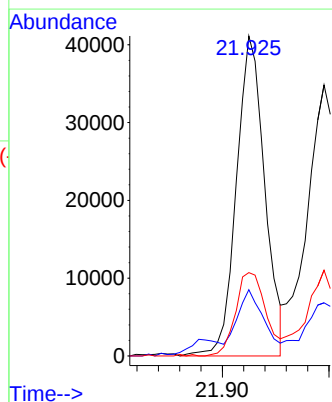
mohammad
9/29/2021 12:53:38 PM

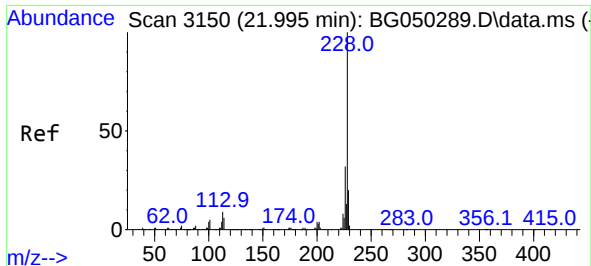


#85
Benzo(a)anthracene
Concen: 4.125 ng/ul
RT: 21.925 min Scan# 3138
Delta R.T. -0.015 min
Lab File: BG050299.D
Acq: 29 Sep 2021 00:25



Tgt Ion:228 Resp: 75930
Ion Ratio Lower Upper
228 100
229 20.7 16.2 24.4
226 26.0 21.0 31.4





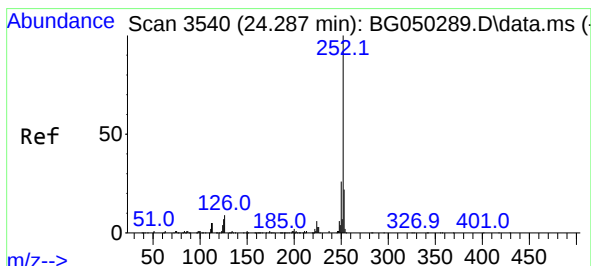
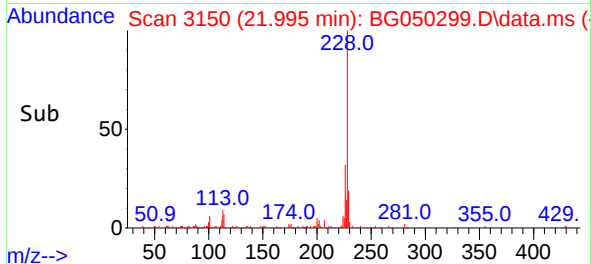
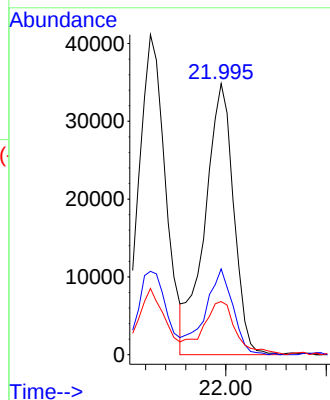
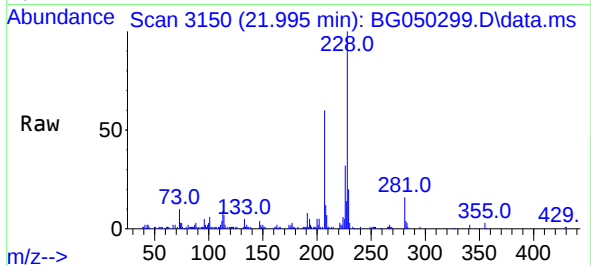
#87
Chrysene
Concen: 3.905 ng/ul
RT: 21.995 min Scan# 3150
Delta R.T. -0.015 min
Lab File: BG050299.D
Acq: 29 Sep 2021 00:25

Tgt Ion:228 Resp: 69677
Ion Ratio Lower Upper
228 100
226 31.7 23.0 34.4
229 19.6 17.8 26.6

Instrument :
BNA_G
ClientSampleId :
C0AA6

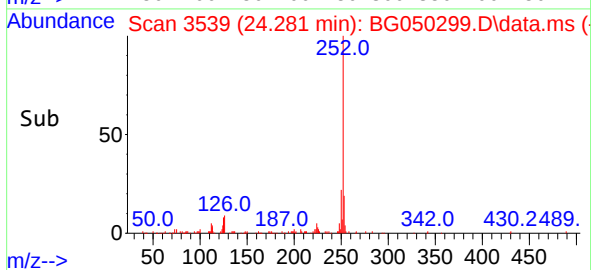
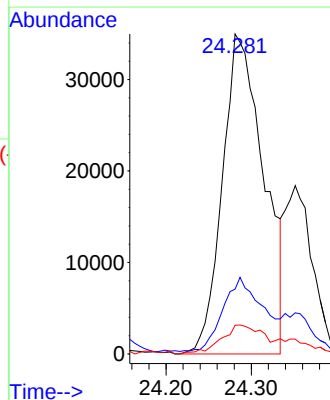
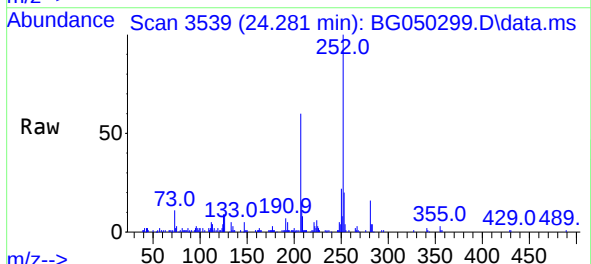
Manual Integrations
APPROVED

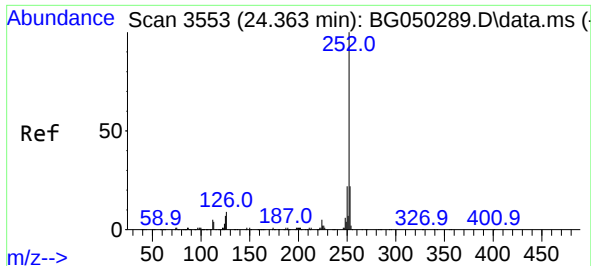
mohammad
9/29/2021 12:53:38 PM



#90
Benzo(b)fluoranthene
Concen: 6.105 ng/ul
RT: 24.281 min Scan# 3539
Delta R.T. -0.021 min
Lab File: BG050299.D
Acq: 29 Sep 2021 00:25

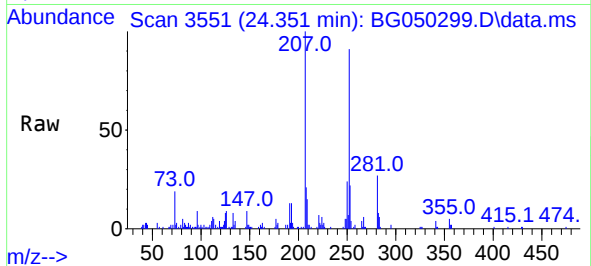
Tgt Ion:252 Resp: 117981
Ion Ratio Lower Upper
252 100
253 20.2 18.1 27.1
125 9.0 3.4 5.0#





#91
Benzo(k)fluoranthene
Concen: 2.278 ng/ul m
RT: 24.351 min Scan# 3551
Delta R.T. -0.021 min
Lab File: BG050299.D
Acq: 29 Sep 2021 00:25

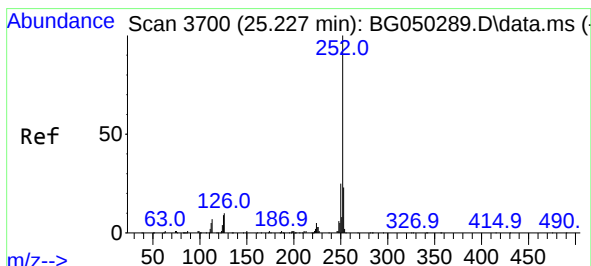
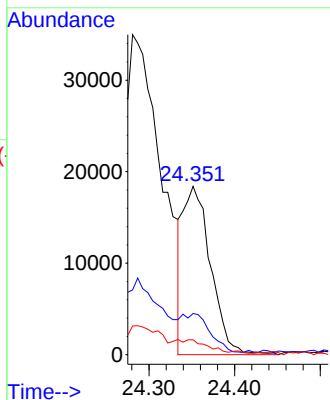
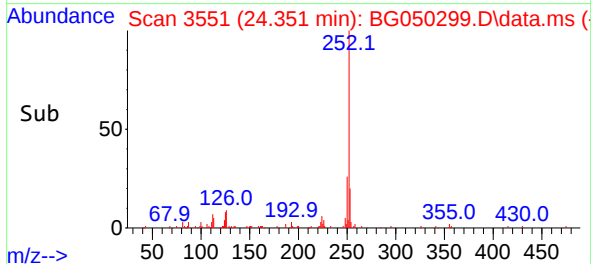
Instrument :
BNA_G
ClientSampled :
C0AA6



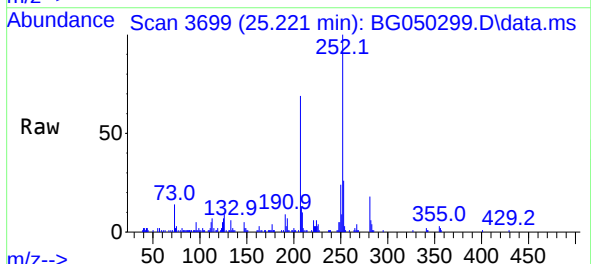
Tgt Ion:252 Resp: 41342
Ion Ratio Lower Upper
252 100
253 24.4 17.7 26.5
125 8.9 4.1 6.1#

Manual Integrations
APPROVED

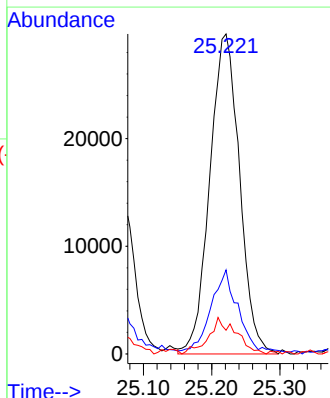
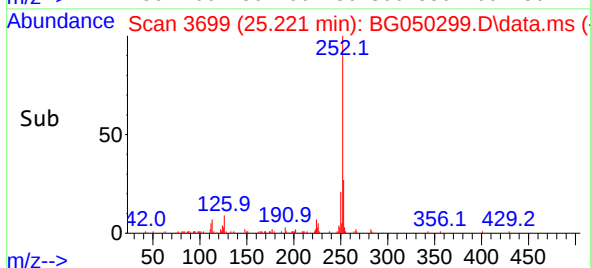
mohammad
9/29/2021 12:53:38 PM

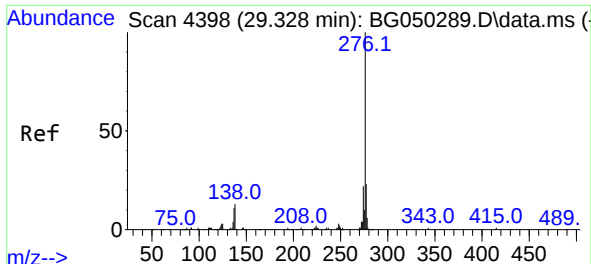


#93
Benzo(a)pyrene
Concen: 4.913 ng/ul
RT: 25.221 min Scan# 3699
Delta R.T. -0.021 min
Lab File: BG050299.D
Acq: 29 Sep 2021 00:25



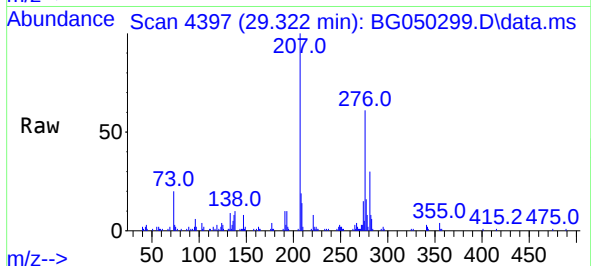
Tgt Ion:252 Resp: 90172
Ion Ratio Lower Upper
252 100
253 26.2 17.0 25.4#
125 7.4 4.4 6.6#





#94
Indeno(1,2,3-cd)pyrene
Concen: 3.167 ng/ul m
RT: 29.322 min Scan# 4397
Delta R.T. -0.032 min
Lab File: BG050299.D
Acq: 29 Sep 2021 00:25

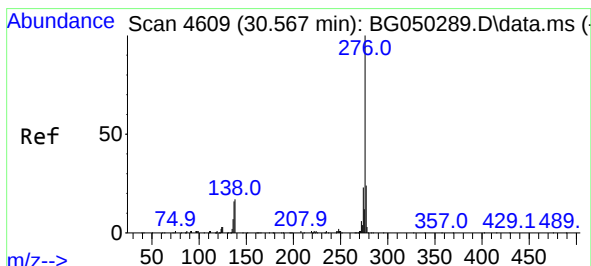
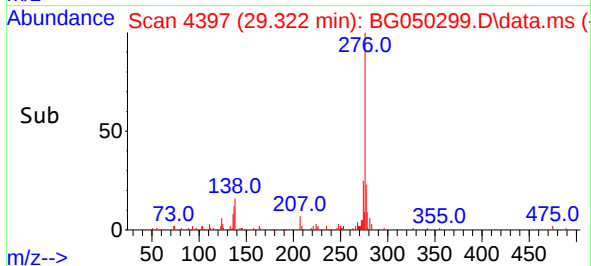
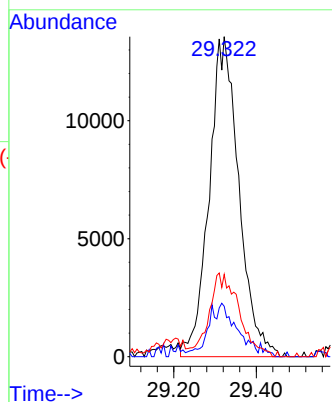
Instrument :
BNA_G
ClientSampled :
C0AA6



Tgt Ion:276 Resp: 67938
Ion Ratio Lower Upper
276 100
138 15.8 5.5 8.3#
277 25.7 18.6 27.8

Manual Integrations
APPROVED

mohammad
9/29/2021 12:53:38 PM



#96
Benzo(g,h,i)perylene
Concen: 3.170 ng/ul m
RT: 30.562 min Scan# 4608
Delta R.T. -0.044 min
Lab File: BG050299.D
Acq: 29 Sep 2021 00:25

Tgt Ion:276 Resp: 58177
Ion Ratio Lower Upper
276 100
138 13.3 8.6 13.0#
277 20.7 17.4 26.0

