

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081021\
 Data File : BG049763.D
 Acq On : 10 Aug 2021 19:10
 Operator : CG/JU
 Sample : M3182-19
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C00D7

Manual Integrations
 APPROVED

mohammad
 8/11/2021 9:32:44 PM

Quant Time: Aug 11 03:05:19 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 10 16:55:58 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.032	152	27035	20.000	ng/ul	0.00
20) Naphthalene-d8	10.857	136	117654	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.688	164	83406	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.437	188	170524	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.719	240	144971	20.000	ng/ul	0.00
88) Perylene-d12	24.997	264	151041	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.415	96	1645m	2.845	ng/uL	0.00
4) Pyridine-d5	3.849	84	12624m	7.275	ng/ul	0.00
7) Phenol-d5	7.198	99	33270	13.560	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.356	67	19364	13.740	ng/ul	0.00
11) 2-Chlorophenol-d4	7.568	132	25388	14.457	ng/ul	0.00
15) 4-Methylphenol-d8	8.749	113	25790	13.786	ng/ul	0.00
21) Nitrobenzene-d5	9.201	128	13380	14.437	ng/ul	0.00
24) 2-Nitrophenol-d4	9.935	143	15967	15.086	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.476	165	29425	14.744	ng/ul	0.00
31) 4-Chloroaniline-d4	10.993	131	25374	9.287	ng/ul	0.00
46) Dimethylphthalate-d6	14.082	166	100072	15.289	ng/ul	0.00
49) Acenaphthylene-d8	14.382	160	117289	15.062	ng/ul	0.00
54) 4-Nitrophenol-d4	14.899	143	11136	10.523	ng/ul	0.00
60) Fluorene-d10	15.680	176	87001	15.463	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.804	200	14346	12.500	ng/ul	0.00
73) Anthracene-d10	17.537	188	119513	14.847	ng/ul	0.00
81) Pyrene-d10	19.822	212	133876	16.760	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.768	264	123373	14.907	ng/ul	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.484	178	81318	9.010	ng/ul	97
80) Fluoranthene	19.493	202	172171	17.466	ng/ul#	96
82) Pyrene	19.857	202	126306	12.846	ng/ul	98
85) Benzo(a)anthracene	21.696	228	58080	6.102	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.596	149	5745	1.047	ng/ul#	89
87) Chrysene	21.766	228	69654	7.836	ng/ul	97
90) Benzo(b)fluoranthene	23.957	252	96559	9.781	ng/ul#	94
91) Benzo(k)fluoranthene	24.010	252	37614m	3.837	ng/ul	
93) Benzo(a)pyrene	24.839	252	59226	6.815	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.727	276	50733m	4.448	ng/ul	
95) Dibenzo(a,h)anthracene	28.786	278	16019m	1.684	ng/ul	
96) Benzo(g,h,i)perylene	29.896	276	17912m	1.889	ng/ul	

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

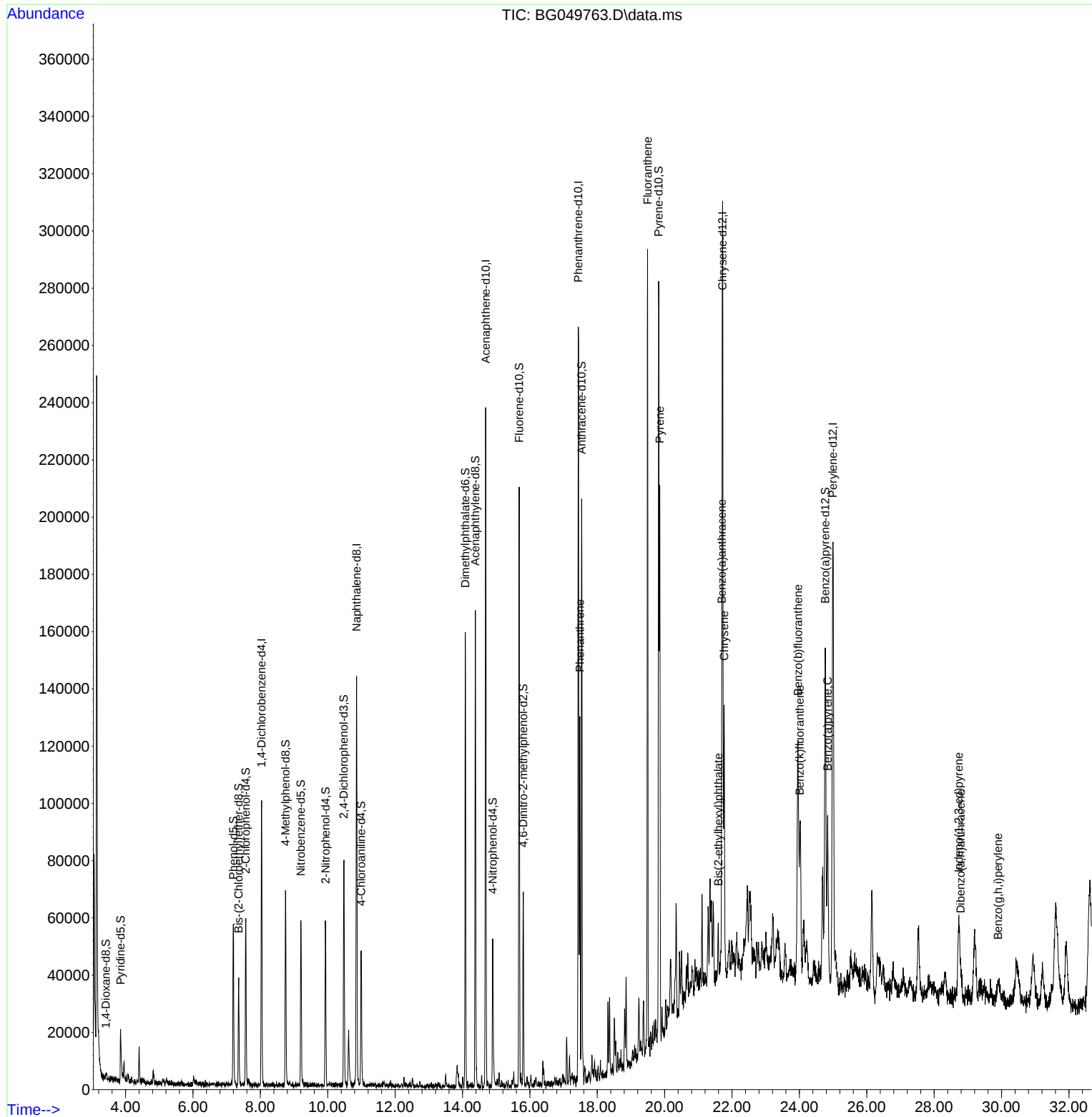
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081021\
Data File : BG049763.D
Acq On : 10 Aug 2021 19:10
Operator : CG/JU
Sample : M3182-19
Misc :
ALS Vial : 9 Sample Multiplier: 1

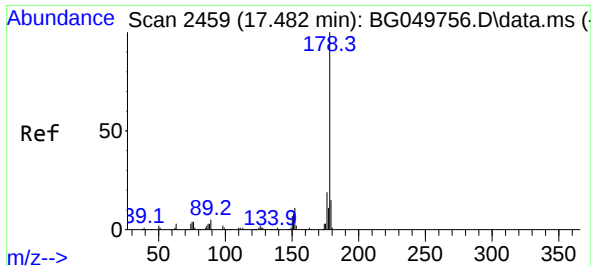
Instrument :
BNA_G
ClientSampleId :
C00D7

Manual Integrations
APPROVED

mohammad
8/11/2021 9:32:44 PM

Quant Time: Aug 11 03:05:19 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 10 16:55:58 2021
Response via : Initial Calibration





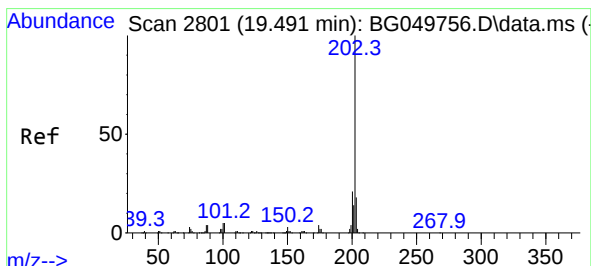
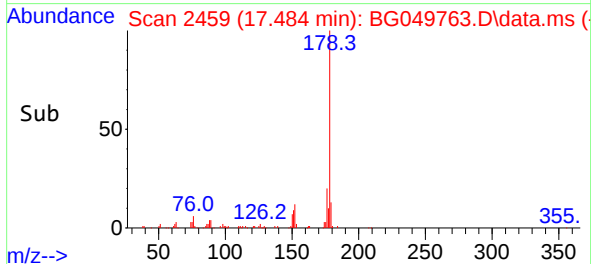
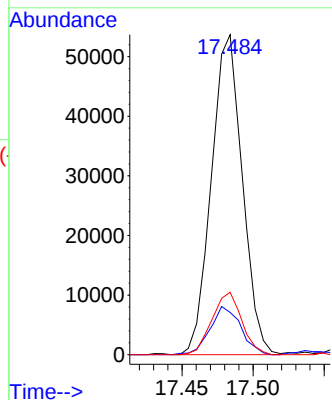
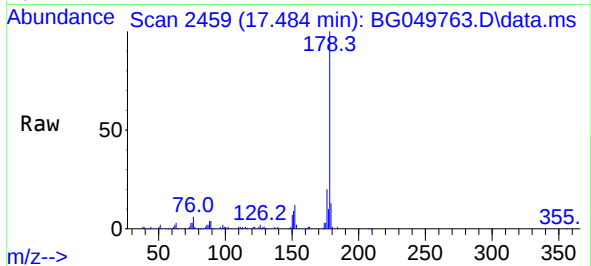
#72
Phenanthrene
Concen: 9.010 ng/ul
RT: 17.484 min Scan# 2459
Delta R.T. 0.002 min
Lab File: BG049763.D
Acq: 10 Aug 2021 19:10

Tgt Ion:178 Resp: 81318
Ion Ratio Lower Upper
178 100
179 13.2 12.4 18.6
176 19.5 15.4 23.2

Instrument :
BNA_G
ClientSampled :
C00D7

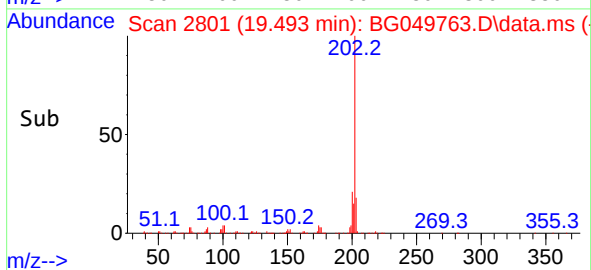
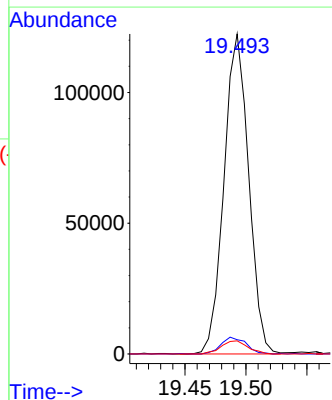
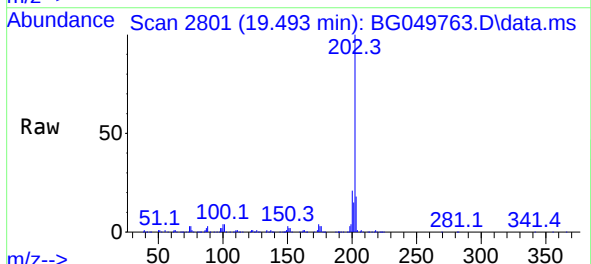
Manual Integrations
APPROVED

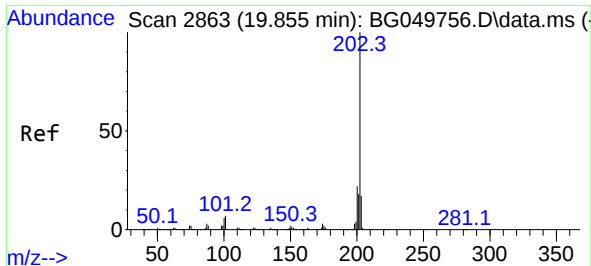
mohammad
8/11/2021 9:32:44 PM



#80
Fluoranthene
Concen: 17.466 ng/ul
RT: 19.493 min Scan# 2801
Delta R.T. 0.002 min
Lab File: BG049763.D
Acq: 10 Aug 2021 19:10

Tgt Ion:202 Resp: 172171
Ion Ratio Lower Upper
202 100
101 4.4 4.8 7.2#
100 4.1 3.9 5.9





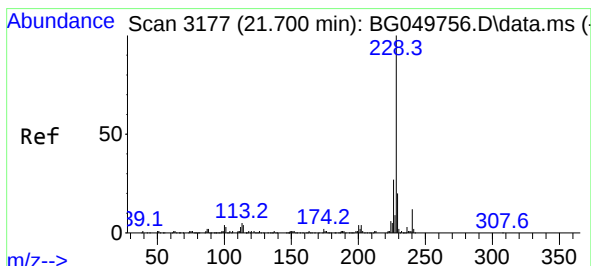
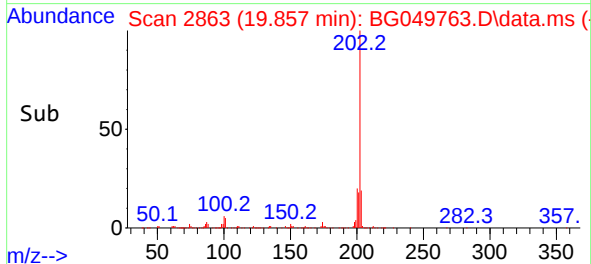
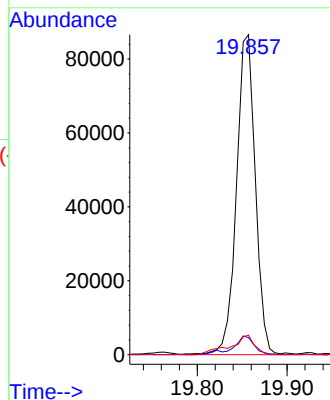
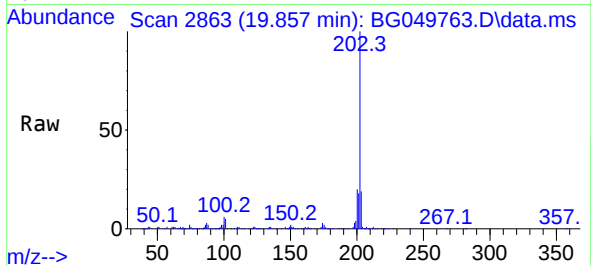
#82
Pyrene
Concen: 12.846 ng/ul
RT: 19.857 min Scan# 2863
Delta R.T. 0.002 min
Lab File: BG049763.D
Acq: 10 Aug 2021 19:10

Tgt Ion:202 Resp: 126306
Ion Ratio Lower Upper
202 100
101 5.3 5.2 7.8
100 6.1 4.8 7.2

Instrument :
BNA_G
ClientSampled :
C00D7

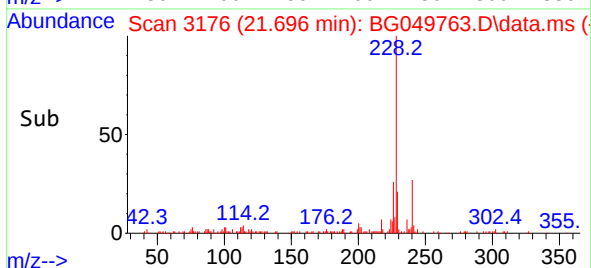
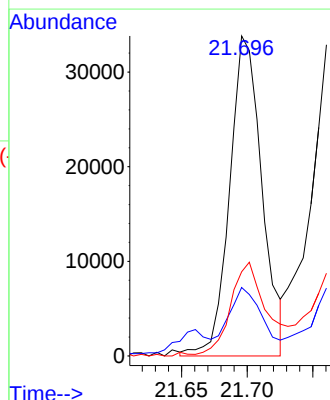
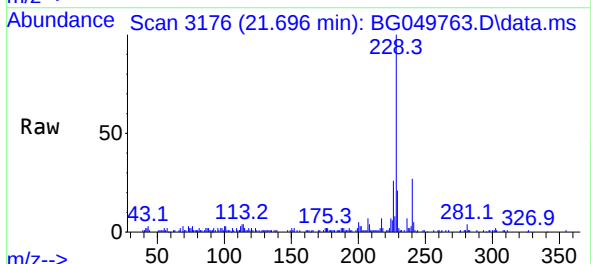
Manual Integrations
APPROVED

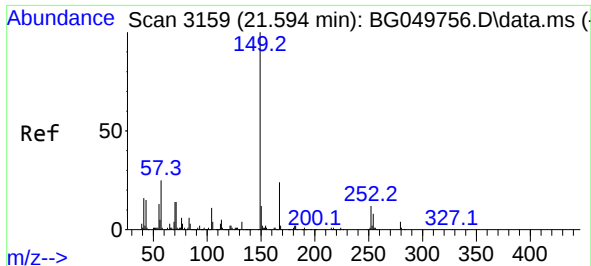
mohammad
8/11/2021 9:32:44 PM



#85
Benzo(a)anthracene
Concen: 6.102 ng/ul
RT: 21.696 min Scan# 3176
Delta R.T. -0.004 min
Lab File: BG049763.D
Acq: 10 Aug 2021 19:10

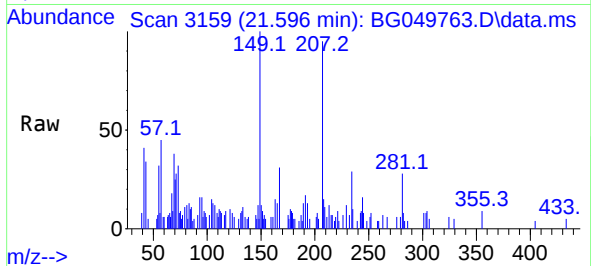
Tgt Ion:228 Resp: 58080
Ion Ratio Lower Upper
228 100
229 21.4 15.3 22.9
226 26.3 21.0 31.6





#86
Bis(2-ethylhexyl)phthalate
Concen: 1.047 ng/ul
RT: 21.596 min Scan# 3159
Delta R.T. 0.002 min
Lab File: BG049763.D
Acq: 10 Aug 2021 19:10

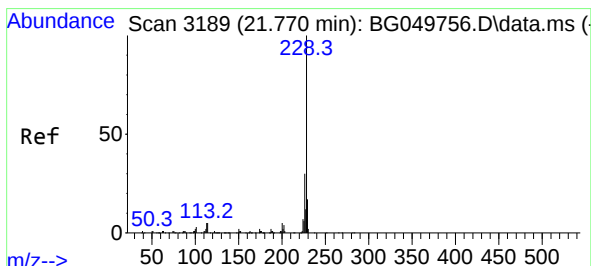
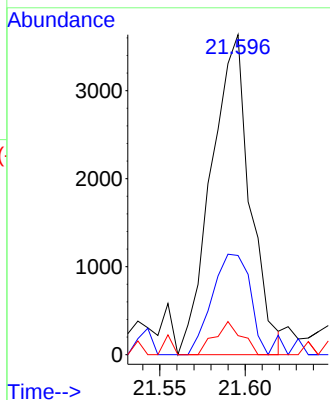
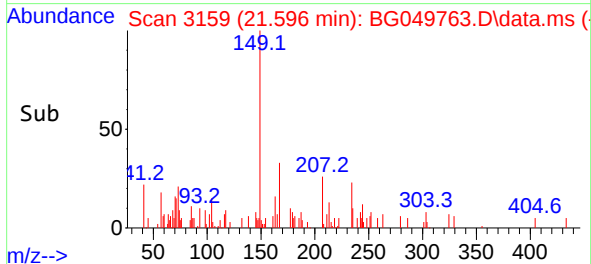
Instrument :
BNA_G
ClientSampled :
C00D7



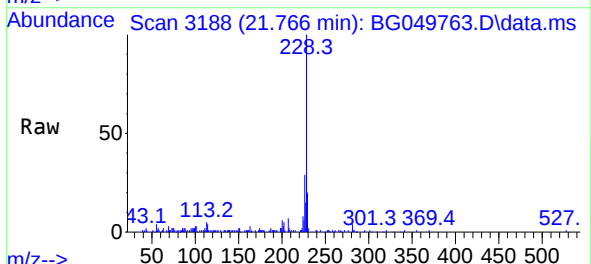
Tgt Ion:149 Resp: 5745
Ion Ratio Lower Upper
149 100
167 31.0 19.9 29.9#
279 5.9 3.6 5.4#

Manual Integrations
APPROVED

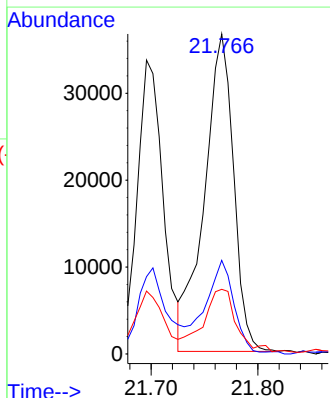
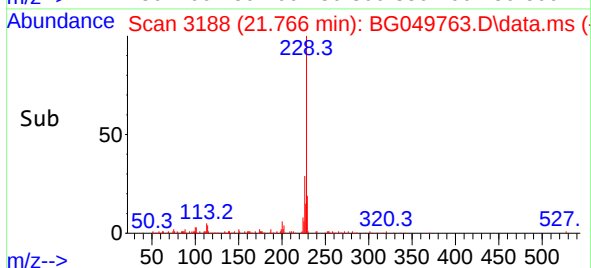
mohammad
8/11/2021 9:32:44 PM

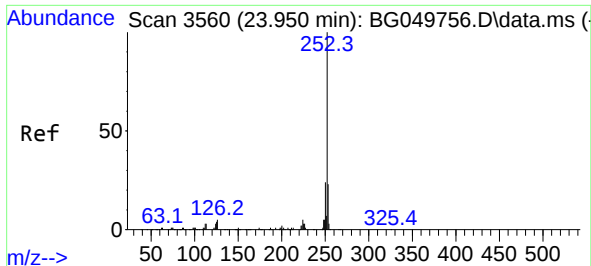


#87
Chrysene
Concen: 7.836 ng/ul
RT: 21.766 min Scan# 3188
Delta R.T. -0.004 min
Lab File: BG049763.D
Acq: 10 Aug 2021 19:10



Tgt Ion:228 Resp: 69654
Ion Ratio Lower Upper
228 100
226 29.3 24.7 37.1
229 20.2 15.4 23.2





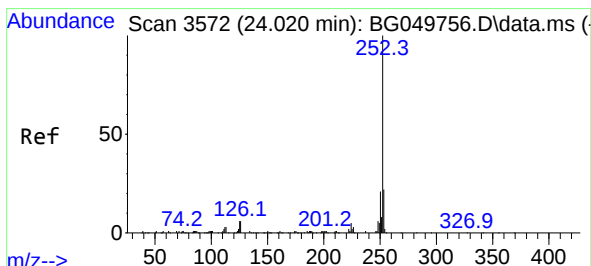
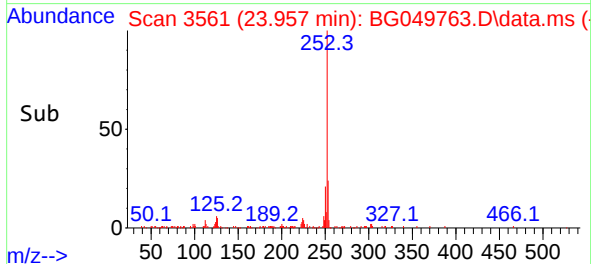
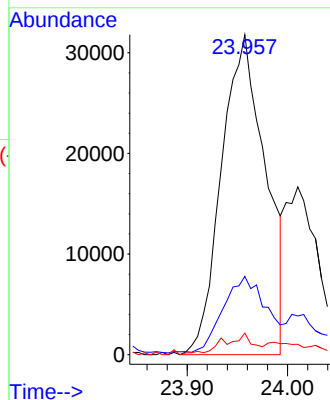
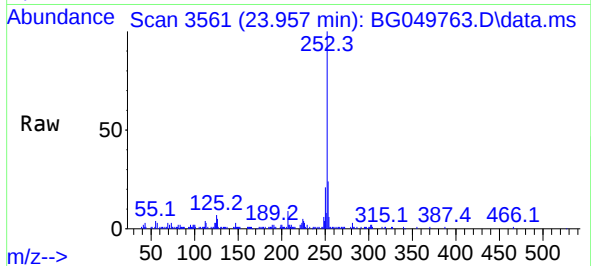
#90
Benzo(b)fluoranthene
Concen: 9.781 ng/ul
RT: 23.957 min Scan# 3561
Delta R.T. 0.008 min
Lab File: BG049763.D
Acq: 10 Aug 2021 19:10

Tgt Ion:252 Resp: 96559
Ion Ratio Lower Upper
252 100
253 24.4 17.4 26.2
125 6.7 3.7 5.5#

Instrument :
BNA_G
ClientSampled :
C00D7

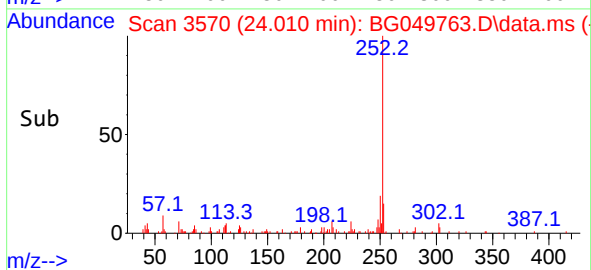
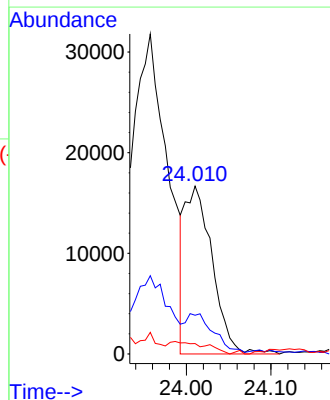
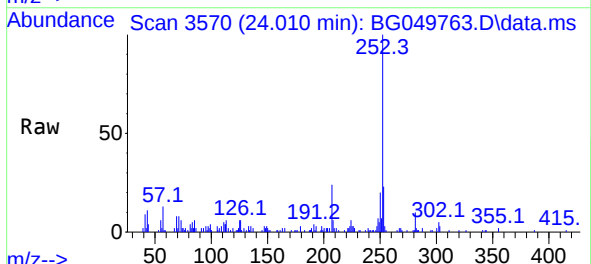
Manual Integrations
APPROVED

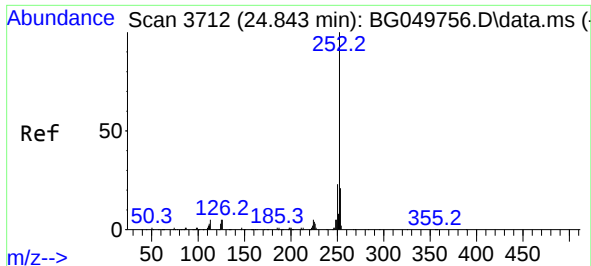
mohammad
8/11/2021 9:32:44 PM



#91
Benzo(k)fluoranthene
Concen: 3.837 ng/ul m
RT: 24.010 min Scan# 3570
Delta R.T. -0.010 min
Lab File: BG049763.D
Acq: 10 Aug 2021 19:10

Tgt Ion:252 Resp: 37614
Ion Ratio Lower Upper
252 100
253 23.1 17.8 26.8
125 6.2 3.8 5.8#





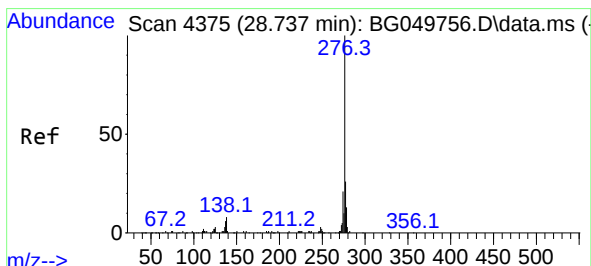
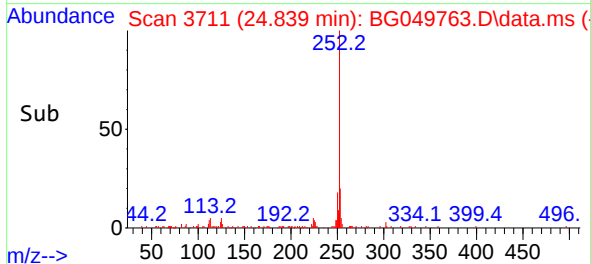
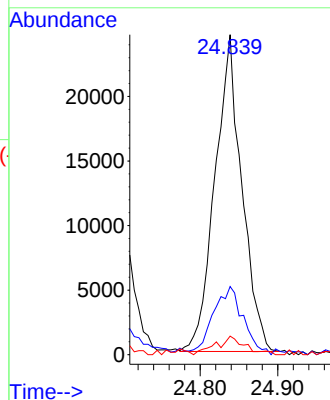
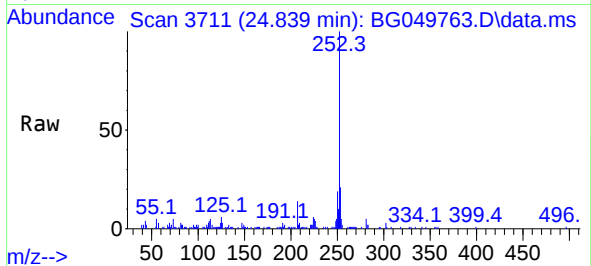
#93
Benzo(a)pyrene
Concen: 6.815 ng/ul
RT: 24.839 min Scan# 3711
Delta R.T. -0.004 min
Lab File: BG049763.D
Acq: 10 Aug 2021 19:10

Tgt Ion:	252	Resp:	59226
Ion Ratio	Lower	Upper	
252	100		
253	21.3	17.7	26.5
125	5.8	4.6	7.0

Instrument :
BNA_G
ClientSampled :
C00D7

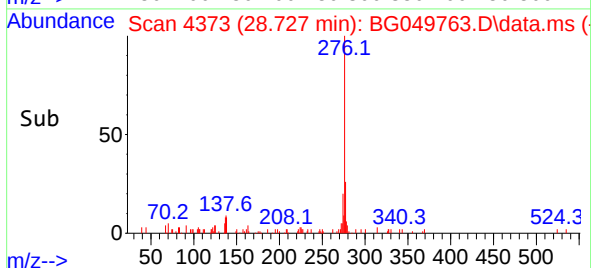
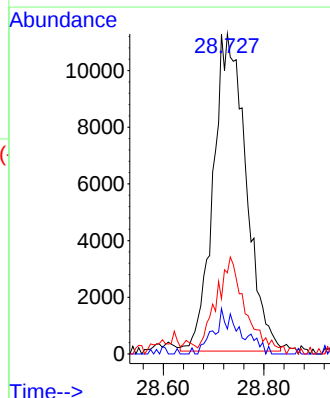
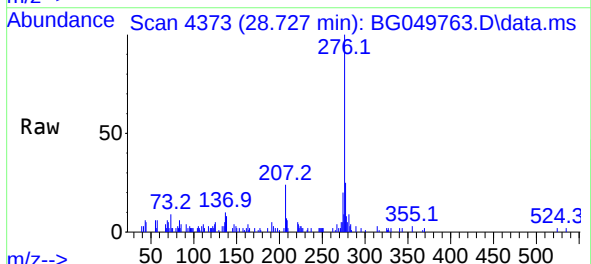
Manual Integrations
APPROVED

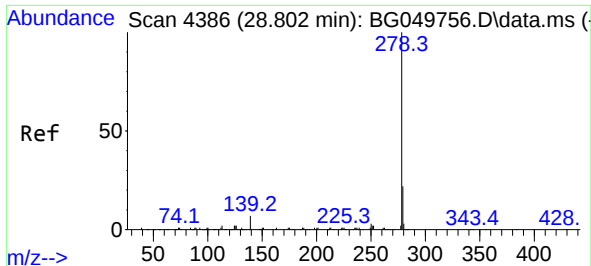
mohammad
8/11/2021 9:32:44 PM



#94
Indeno(1,2,3-cd)pyrene
Concen: 4.448 ng/ul m
RT: 28.727 min Scan# 4373
Delta R.T. -0.010 min
Lab File: BG049763.D
Acq: 10 Aug 2021 19:10

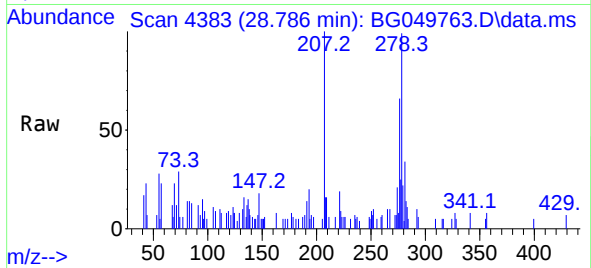
Tgt Ion:	276	Resp:	50733
Ion Ratio	Lower	Upper	
276	100		
138	7.8	6.6	10.0
277	25.4	19.4	29.2





#95
Dibenzo(a,h)anthracene
Concen: 1.684 ng/ul m
RT: 28.786 min Scan# 4383
Delta R.T. -0.016 min
Lab File: BG049763.D
Acq: 10 Aug 2021 19:10

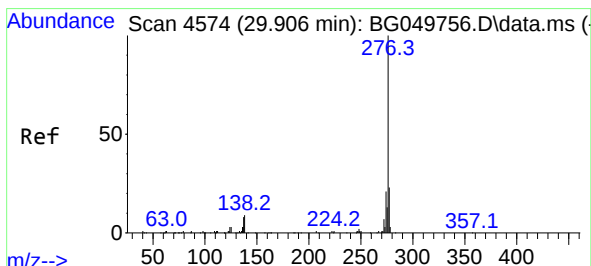
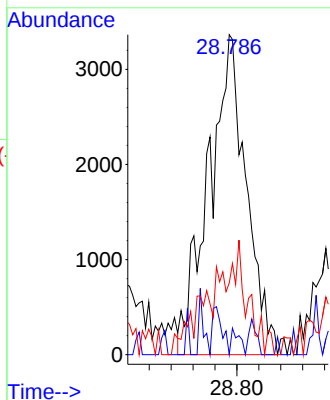
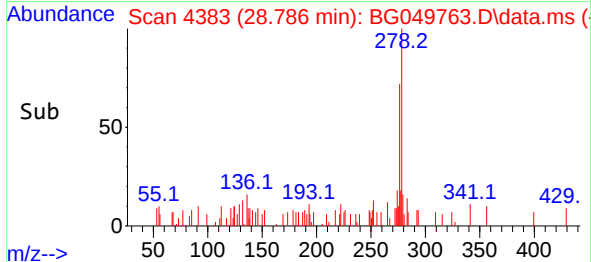
Instrument :
BNA_G
ClientSampled :
C00D7



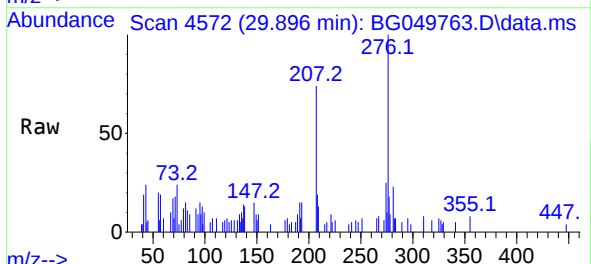
Tgt Ion:278 Resp: 16019
Ion Ratio Lower Upper
278 100
139 0.0 6.3 9.5#
279 22.4 18.9 28.3

Manual Integrations
APPROVED

mohammad
8/11/2021 9:32:44 PM



#96
Benzo(g,h,i)perylene
Concen: 1.889 ng/ul m
RT: 29.896 min Scan# 4572
Delta R.T. -0.010 min
Lab File: BG049763.D
Acq: 10 Aug 2021 19:10



Tgt Ion:276 Resp: 17912
Ion Ratio Lower Upper
276 100
138 13.3 7.2 10.8#
277 17.7 19.5 29.3#

