

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071621\
 Data File : BG049376.D
 Acq On : 16 Jul 2021 13:22
 Operator : CG/JU
 Sample : M2970-06
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BGEA1

Manual Integrations
 APPROVED

mohammad
 7/19/2021 11:53:14 AM

Quant Time: Jul 16 13:57:22 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 16 12:41:10 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.062	152	26742	20.000	ng/ul	#-0.02
20) Naphthalene-d8	10.882	136	113263	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.713	164	82009	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.462	188	187842	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.746	240	190915	20.000	ng/ul	0.00
88) Perylene-d12	25.036	264	203130	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.455	96	1046m	1.840	ng/uL	-0.01
4) Pyridine-d5	3.884	84	8088	4.838	ng/ul	0.00
7) Phenol-d5	7.222	99	33426	14.370	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.386	67	20927	15.511	ng/ul	0.00
11) 2-Chlorophenol-d4	7.592	132	25400	14.774	ng/ul	-0.01
15) 4-Methylphenol-d8	8.773	113	30563	16.398	ng/ul	0.00
21) Nitrobenzene-d5	9.231	128	15988	18.395	ng/ul	0.00
24) 2-Nitrophenol-d4	9.960	143	17152	17.191	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.506	165	32485	16.686	ng/ul	0.00
31) 4-Chloroaniline-d4	11.017	131	42017	16.562	ng/ul	0.00
46) Dimethylphthalate-d6	14.113	166	129837	20.586	ng/ul	0.00
49) Acenaphthylene-d8	14.407	160	138749	18.750	ng/ul	0.00
54) 4-Nitrophenol-d4	14.907	143	14308m	13.706	ng/ul	0.00
60) Fluorene-d10	15.700	176	104386	19.548	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.817	200	14888	12.469	ng/ul	0.00
73) Anthracene-d10	17.562	188	177650	20.772	ng/ul	0.00
81) Pyrene-d10	19.848	212	191496	19.570	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.807	264	169536	16.056	ng/ul	-0.01
Target Compounds						
					Qvalue	
72) Phenanthrene	17.504	178	72571	7.921	ng/ul	97
74) Anthracene	17.598	178	32383m	3.460	ng/ul	
80) Fluoranthene	19.513	202	226360	19.891	ng/ul	100
82) Pyrene	19.877	202	145550	12.836	ng/ul#	98
85) Benzo(a)anthracene	21.722	228	147677	12.587	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.622	149	11953	1.841	ng/ul#	90
87) Chrysene	21.793	228	103688	9.343	ng/ul	96
90) Benzo(b)fluoranthene	23.984	252	140288	11.195	ng/ul	97
91) Benzo(k)fluoranthene	24.043	252	44397m	3.634	ng/ul	
93) Benzo(a)pyrene	24.877	252	64701	5.867	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.785	276	44949m	3.159	ng/ul	
95) Dibenzo(a,h)anthracene	28.843	278	19280m	1.636	ng/ul	

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

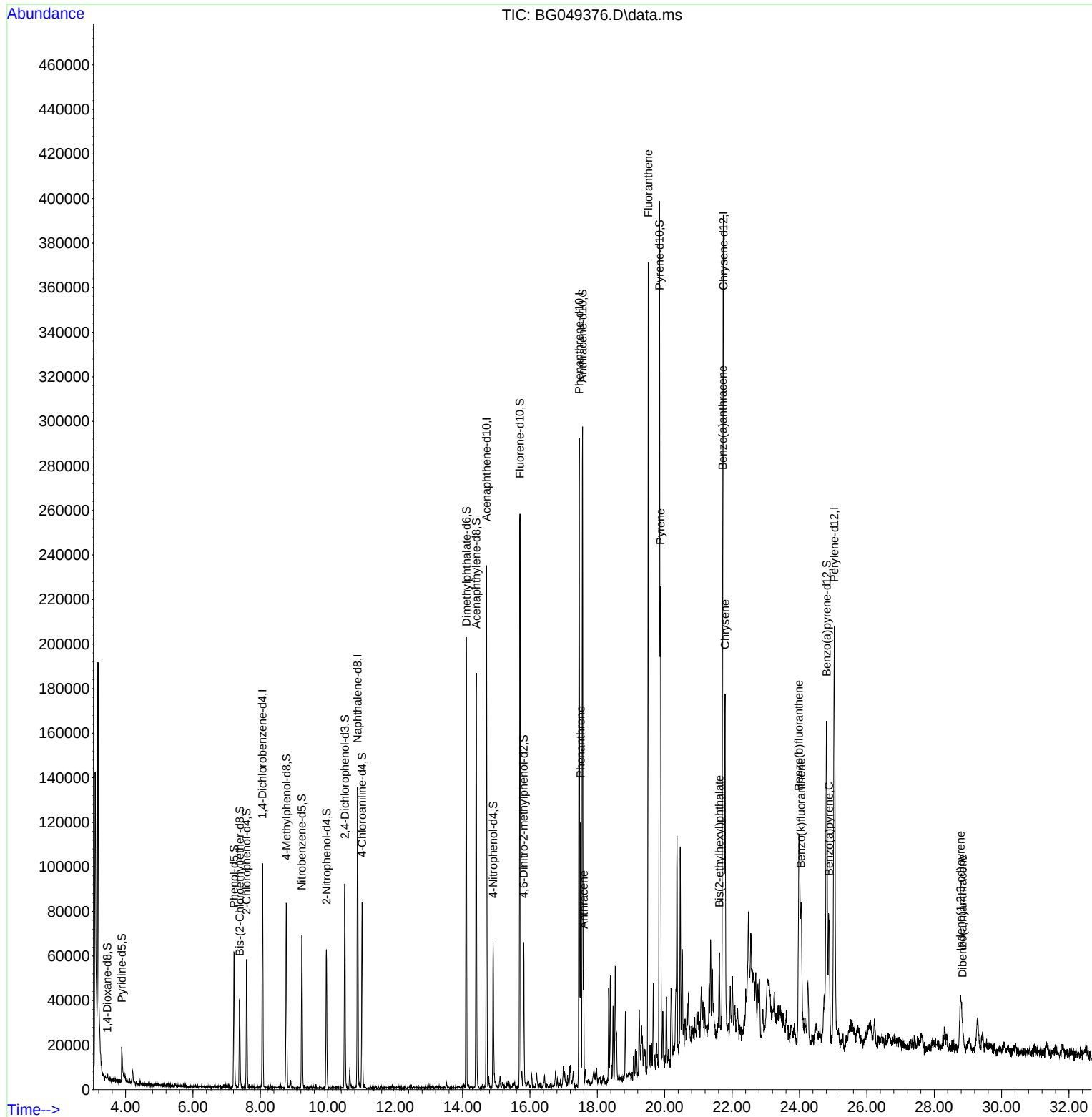
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071621\
Data File : BG049376.D
Acq On : 16 Jul 2021 13:22
Operator : CG/JU
Sample : M2970-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

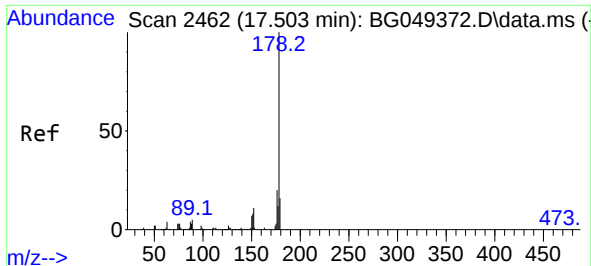
Instrument :
BNA_G
ClientSampleId :
BGEA1

Manual Integrations
APPROVED

mohammad
7/19/2021 11:53:14 AM

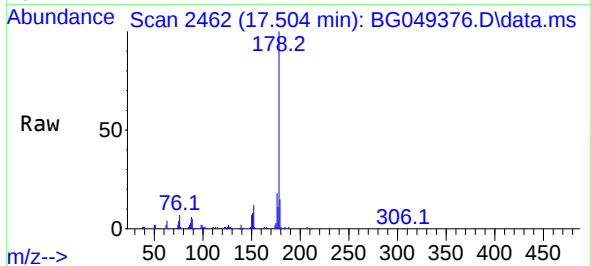
Quant Time: Jul 16 13:57:22 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 16 12:41:10 2021
Response via : Initial Calibration





#72
Phenanthrene
Concen: 7.921 ng/ul
RT: 17.504 min Scan# 2462
Delta R.T. -0.008 min
Lab File: BG049376.D
Acq: 16 Jul 2021 13:22

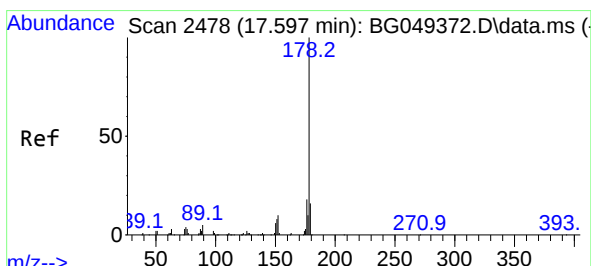
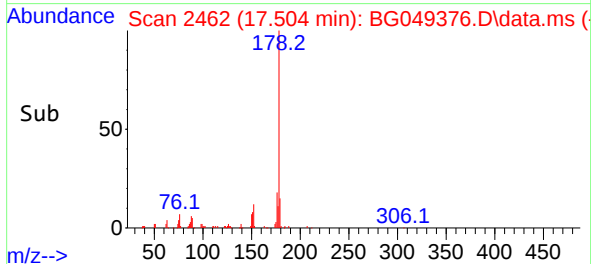
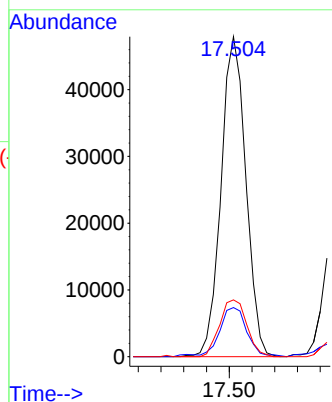
Instrument :
BNA_G
ClientSampled :
BGEA1



Tgt Ion:178 Resp: 72571
Ion Ratio Lower Upper
178 100
179 15.3 11.7 17.5
176 17.8 15.6 23.4

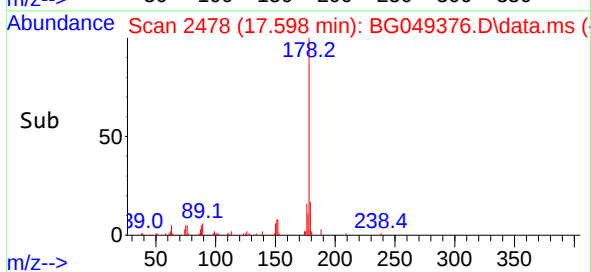
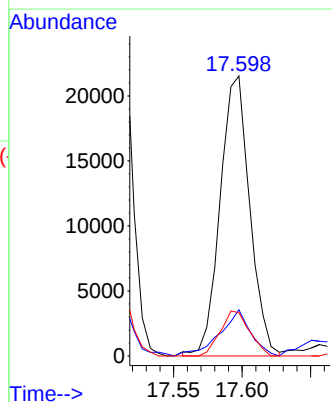
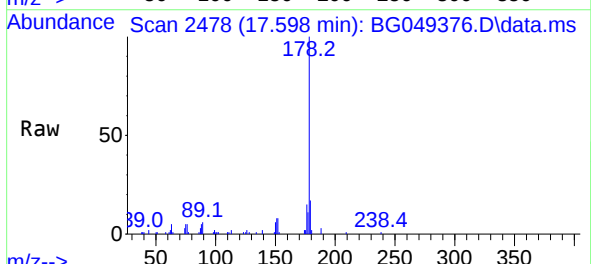
Manual Integrations
APPROVED

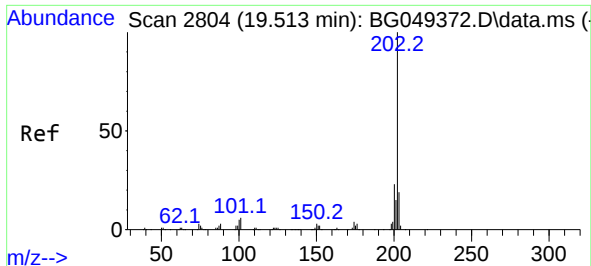
mohammad
7/19/2021 11:53:14 AM



#74
Anthracene
Concen: 3.460 ng/ul m
RT: 17.598 min Scan# 2478
Delta R.T. -0.008 min
Lab File: BG049376.D
Acq: 16 Jul 2021 13:22

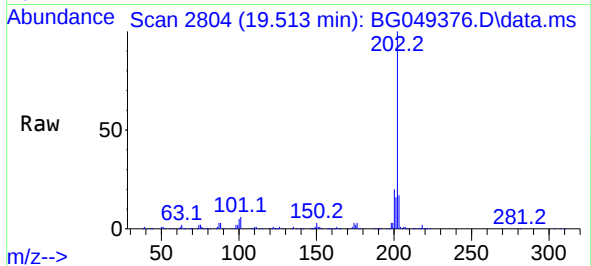
Tgt Ion:178 Resp: 32383
Ion Ratio Lower Upper
178 100
179 16.5 12.7 19.1
176 15.5 15.6 23.4#





#80
Fluoranthene
Concen: 19.891 ng/u1
RT: 19.513 min Scan# 2804
Delta R.T. -0.008 min
Lab File: BG049376.D
Acq: 16 Jul 2021 13:22

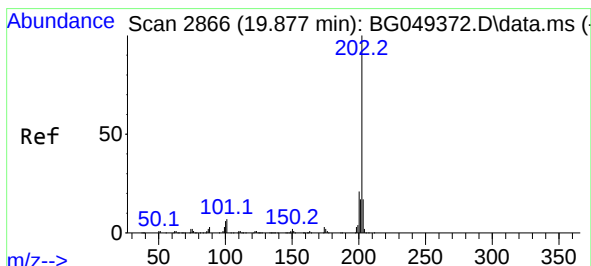
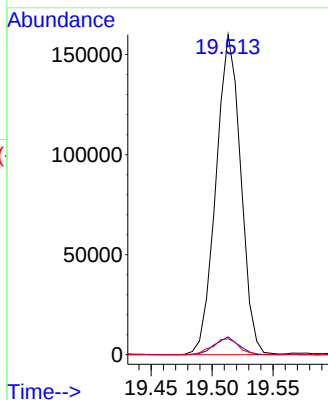
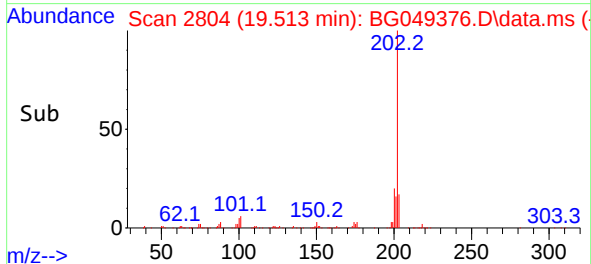
Instrument :
BNA_G
ClientSampled :
BGEA1



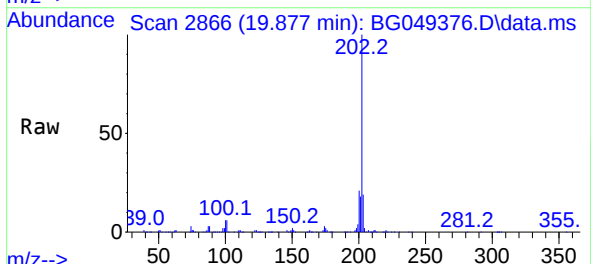
Tgt Ion:202 Resp: 226360
Ion Ratio Lower Upper
202 100
101 5.5 4.6 6.8
100 5.0 4.0 6.0

Manual Integrations
APPROVED

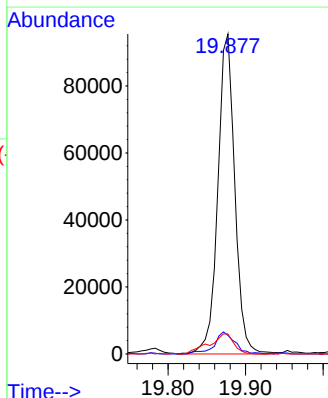
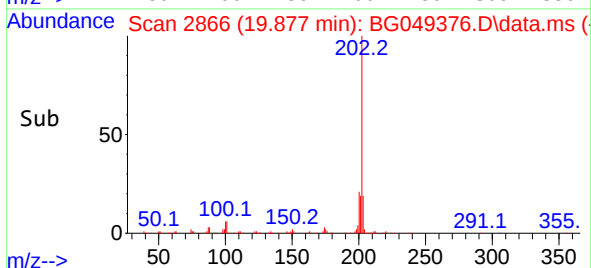
mohammad
7/19/2021 11:53:14 AM

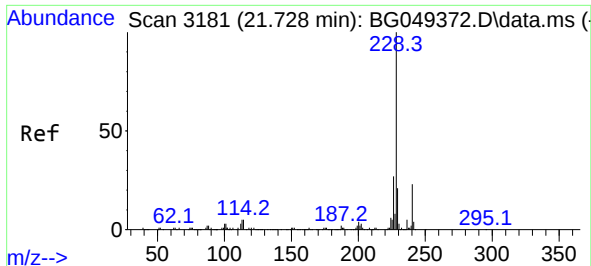


#82
Pyrene
Concen: 12.836 ng/u1
RT: 19.877 min Scan# 2866
Delta R.T. -0.008 min
Lab File: BG049376.D
Acq: 16 Jul 2021 13:22



Tgt Ion:202 Resp: 145550
Ion Ratio Lower Upper
202 100
101 5.8 5.8 8.8#
100 6.2 5.0 7.6





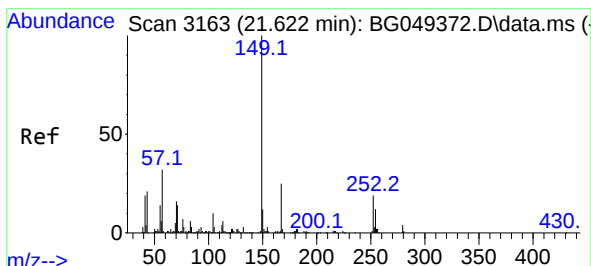
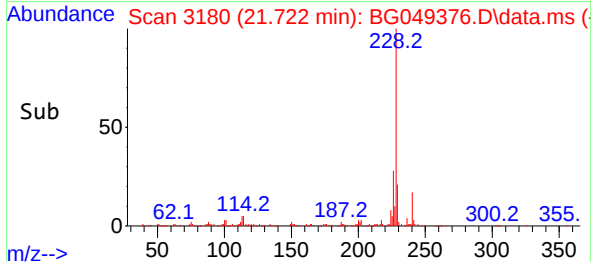
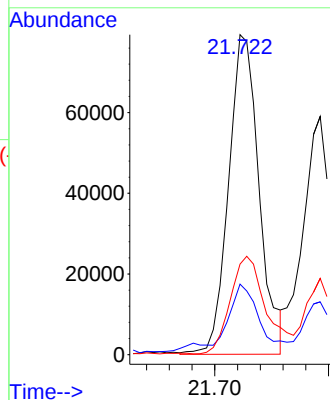
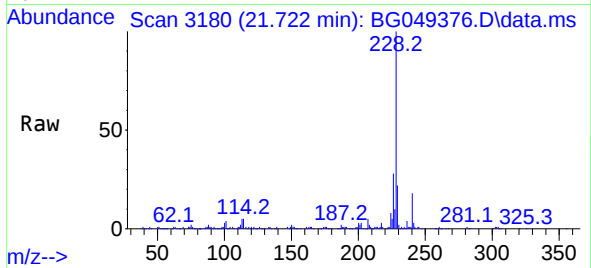
#85
Benzo(a)anthracene
Concen: 12.587 ng/ul
RT: 21.722 min Scan# 3180
Delta R.T. -0.014 min
Lab File: BG049376.D
Acq: 16 Jul 2021 13:22

Tgt Ion:228 Resp: 147677
Ion Ratio Lower Upper
228 100
229 22.0 16.4 24.6
226 28.3 21.3 31.9

Instrument :
BNA_G
ClientSampled :
BGEA1

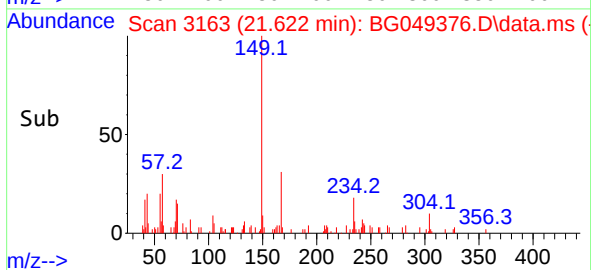
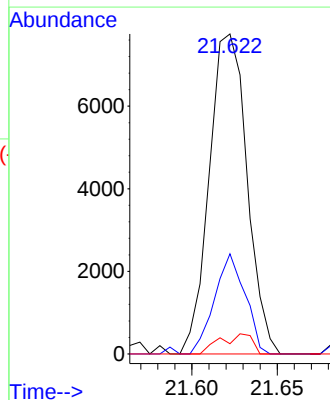
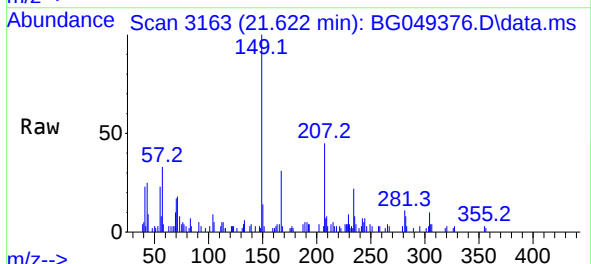
Manual Integrations
APPROVED

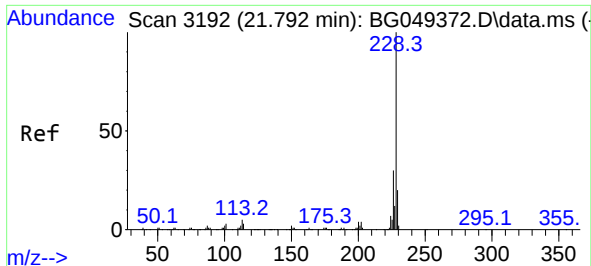
mohammad
7/19/2021 11:53:14 AM



#86
Bis(2-ethylhexyl)phthalate
Concen: 1.841 ng/ul
RT: 21.622 min Scan# 3163
Delta R.T. -0.008 min
Lab File: BG049376.D
Acq: 16 Jul 2021 13:22

Tgt Ion:149 Resp: 11953
Ion Ratio Lower Upper
149 100
167 31.3 20.4 30.6#
279 3.2 3.4 5.2#





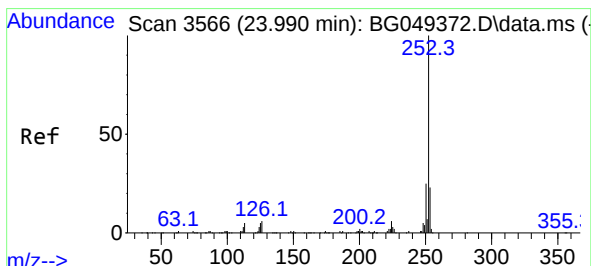
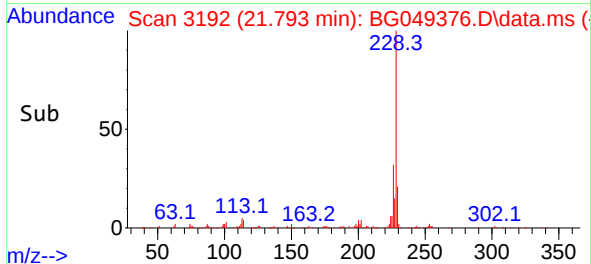
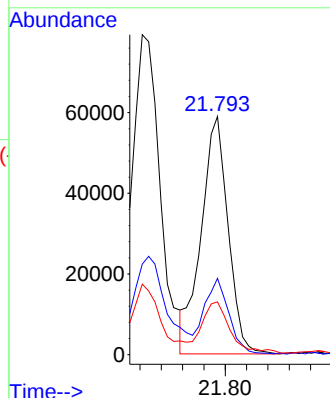
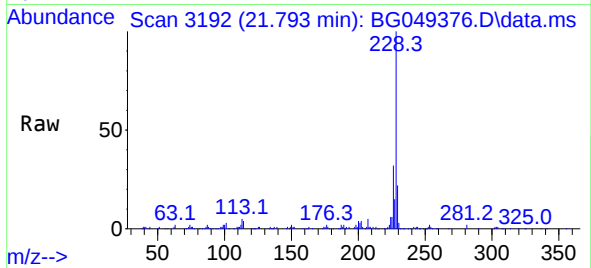
#87
Chrysene
Concen: 9.343 ng/u1
RT: 21.793 min Scan# 3192
Delta R.T. -0.008 min
Lab File: BG049376.D
Acq: 16 Jul 2021 13:22

Tgt Ion:228 Resp: 103688
Ion Ratio Lower Upper
228 100
226 32.0 24.0 36.0
229 22.2 16.4 24.6

Instrument :
BNA_G
ClientSampled :
BGEA1

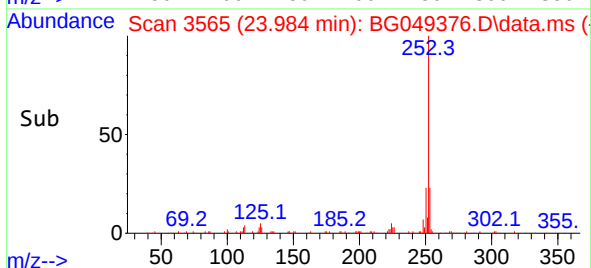
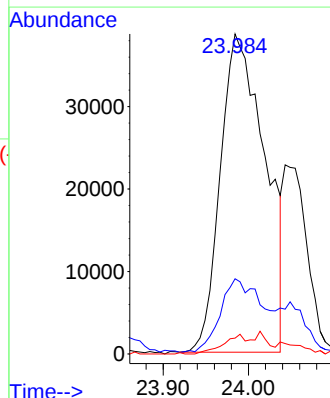
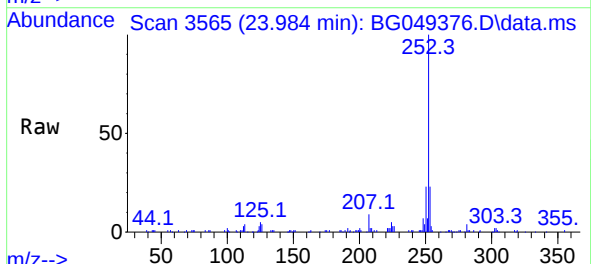
Manual Integrations
APPROVED

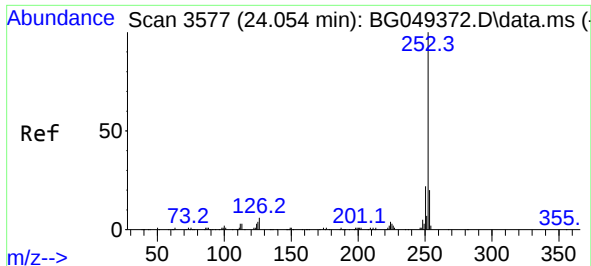
mohammad
7/19/2021 11:53:14 AM



#90
Benzo(b)fluoranthene
Concen: 11.195 ng/u1
RT: 23.984 min Scan# 3565
Delta R.T. -0.020 min
Lab File: BG049376.D
Acq: 16 Jul 2021 13:22

Tgt Ion:252 Resp: 140288
Ion Ratio Lower Upper
252 100
253 23.5 17.6 26.4
125 4.9 4.8 7.2





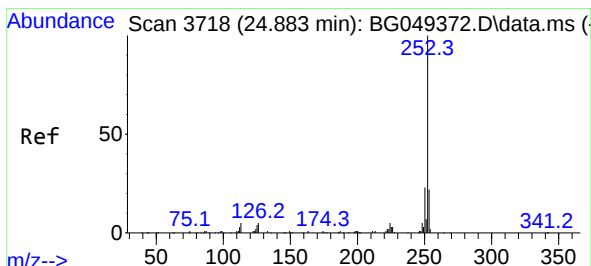
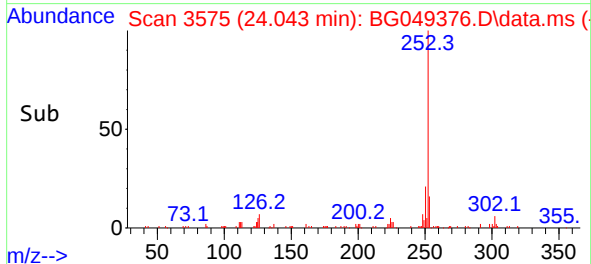
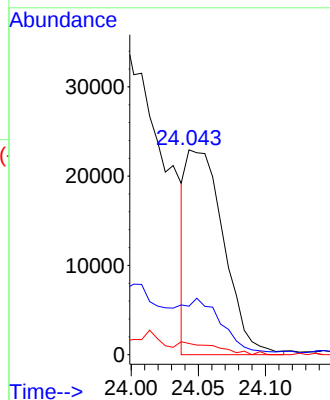
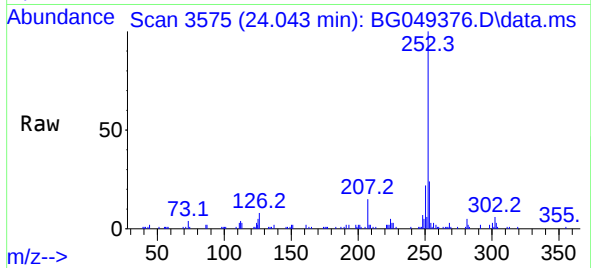
#91
Benzo(k)fluoranthene
Concen: 3.634 ng/ul m
RT: 24.043 min Scan# 3575
Delta R.T. -0.026 min
Lab File: BG049376.D
Acq: 16 Jul 2021 13:22

Instrument :
BNA_G
ClientSampleId :
BGEA1

Tgt Ion:252 Resp: 44397
Ion Ratio Lower Upper
252 100
253 23.7 16.2 24.2
125 5.5 3.7 5.5

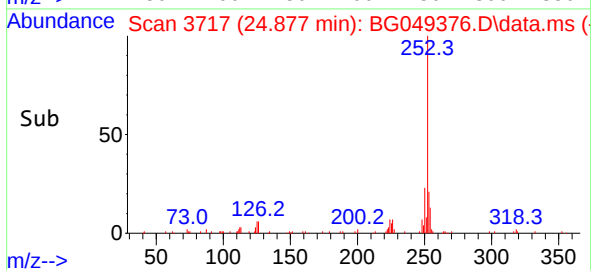
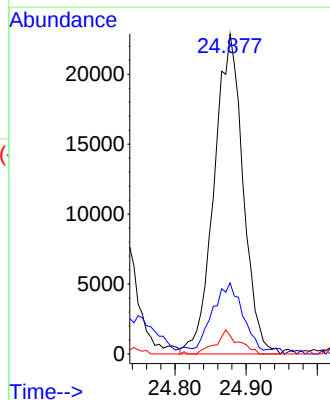
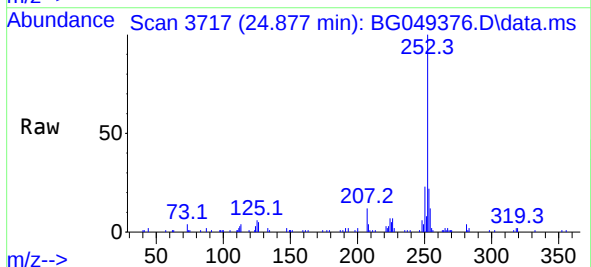
Manual Integrations
APPROVED

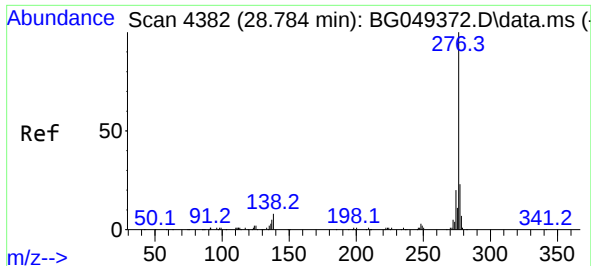
mohammad
7/19/2021 11:53:14 AM



#93
Benzo(a)pyrene
Concen: 5.867 ng/ul
RT: 24.877 min Scan# 3717
Delta R.T. -0.014 min
Lab File: BG049376.D
Acq: 16 Jul 2021 13:22

Tgt Ion:252 Resp: 64701
Ion Ratio Lower Upper
252 100
253 22.2 19.1 28.7
125 5.7 4.6 7.0





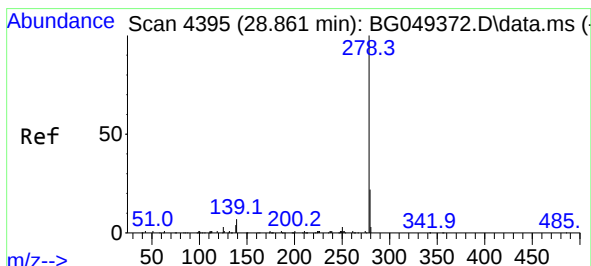
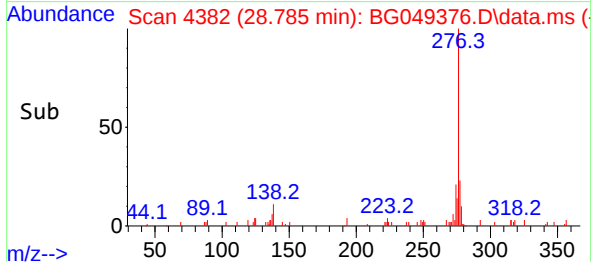
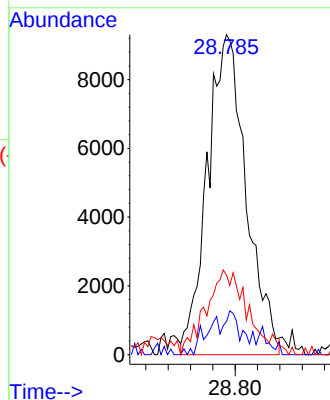
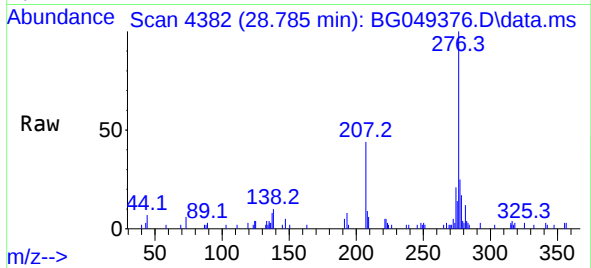
#94
Indeno(1,2,3-cd)pyrene
Concen: 3.159 ng/ul m
RT: 28.785 min Scan# 4382
Delta R.T. -0.032 min
Lab File: BG049376.D
Acq: 16 Jul 2021 13:22

Tgt Ion: 276 Resp: 44949
Ion Ratio Lower Upper
276 100
138 10.4 8.0 12.0
277 24.8 17.7 26.5

Instrument :
BNA_G
ClientSampled :
BGEA1

Manual Integrations
APPROVED

mohammad
7/19/2021 11:53:14 AM



#95
Dibenzo(a,h)anthracene
Concen: 1.636 ng/ul m
RT: 28.843 min Scan# 4392
Delta R.T. -0.044 min
Lab File: BG049376.D
Acq: 16 Jul 2021 13:22

Tgt Ion: 278 Resp: 19280
Ion Ratio Lower Upper
278 100
139 0.0 5.4 8.2#
279 26.1 21.1 31.7

