

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090221\
 Data File : BG050121.D
 Acq On : 3 Sep 2021 8:06
 Operator : CG/JU
 Sample : M3526-08
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW7C0

Manual Integrations
 APPROVED

mohammad
 9/3/2021 3:32:42 PM

Quant Time: Sep 03 10:47:02 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 30 14:59:55 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.948	152	24341	20.000	ng/ul	0.00
20) Naphthalene-d8	10.768	136	100072	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.616	164	70037	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.371	188	153909	20.000	ng/ul	0.00
79) Chrysene-d12	21.641	240	161769	20.000	ng/ul	0.00
88) Perylene-d12	24.861	264	158381	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.307	96	1213	2.570	ng/uL	0.00
4) Pyridine-d5	3.760	84	7207m	5.069	ng/ul	0.02
7) Phenol-d5	7.120	99	22718	10.991	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.267	67	15057	13.112	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.478	132	18271	11.814	ng/ul	-0.01
15) 4-Methylphenol-d8	8.677	113	8392	5.155	ng/ul	0.00
21) Nitrobenzene-d5	9.129	128	9454	12.186	ng/ul	0.00
24) 2-Nitrophenol-d4	9.851	143	10465	11.328	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.404	165	16426	9.969	ng/ul	0.00
31) 4-Chloroaniline-d4	10.909	131	25342	11.300	ng/ul	-0.01
46) Dimethylphthalate-d6	14.016	166	67293	12.555	ng/ul	0.00
49) Acenaphthylene-d8	14.310	160	79799	12.697	ng/ul	0.00
54) 4-Nitrophenol-d4	14.856	143	6455	8.324	ng/ul	0.01
60) Fluorene-d10	15.608	176	56977	12.538	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.749	200	6125	6.186	ng/ul	0.00
73) Anthracene-d10	17.465	188	90786	13.136	ng/ul	-0.01
81) Pyrene-d10	19.762	212	119407	13.659	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.637	264	105743	12.585	ng/ul	-0.01
Target Compounds						
					Qvalue	
30) Naphthalene	10.821	128	7462	1.492	ng/ul#	96
52) Acenaphthene	14.680	153	5100	1.224	ng/ul#	88
61) Fluorene	15.667	166	7126	1.464	ng/ul#	95
72) Phenanthrene	17.412	178	49159	6.407	ng/ul	96
74) Anthracene	17.500	178	9782m	1.258	ng/ul	
80) Fluoranthene	19.427	202	33542	3.109	ng/ul#	94
82) Pyrene	19.791	202	25345	2.371	ng/ul#	96
85) Benzo(a)anthracene	21.624	228	10417	1.033	ng/ul	96

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

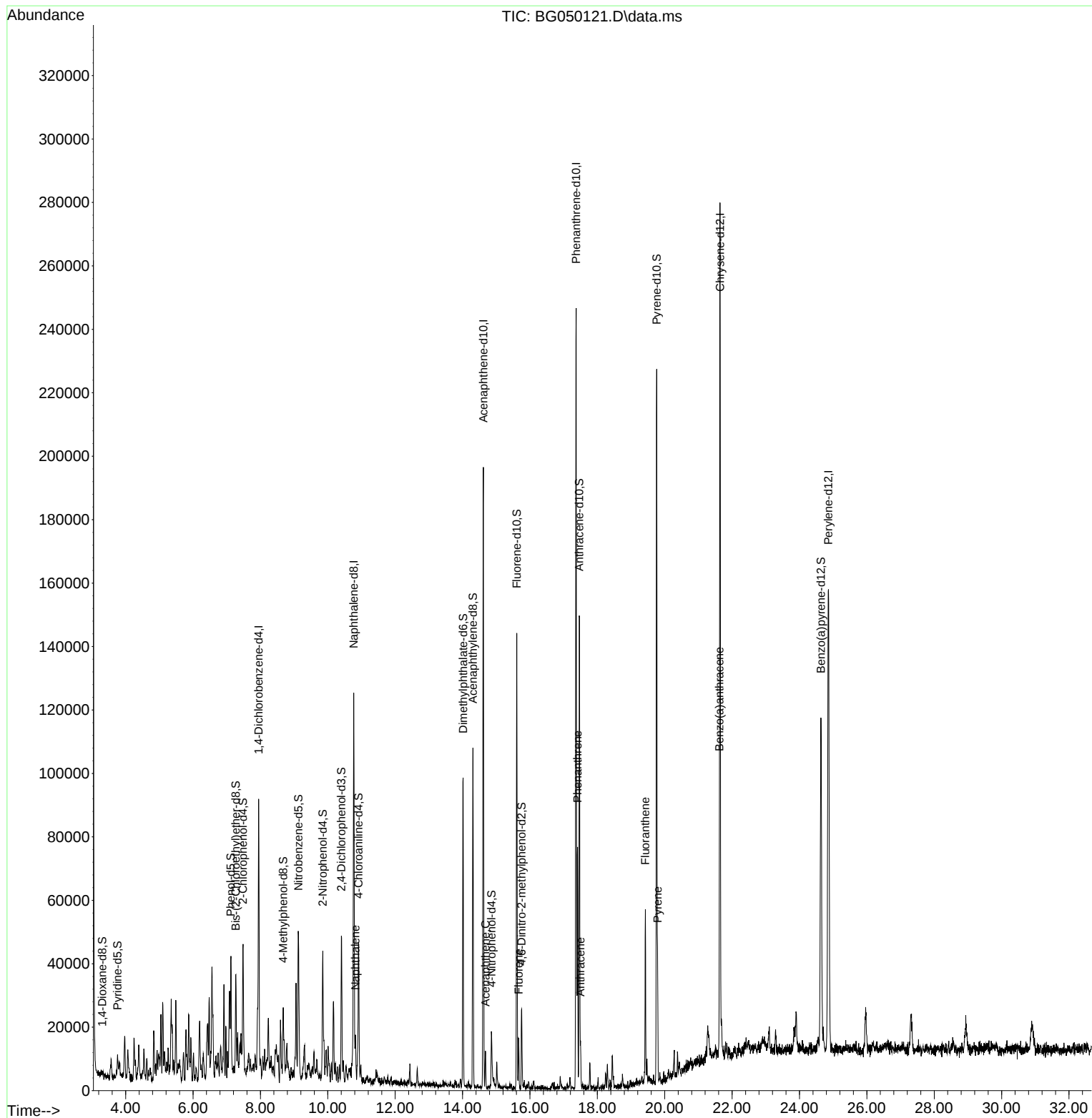
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090221\
Data File : BG050121.D
Acq On : 3 Sep 2021 8:06
Operator : CG/JU
Sample : M3526-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

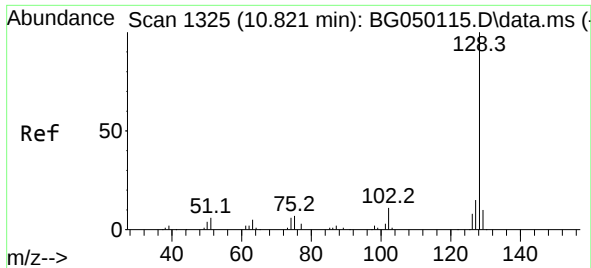
Instrument :
BNA_G
ClientSampleId :
EW7C0

Manual Integrations
APPROVED

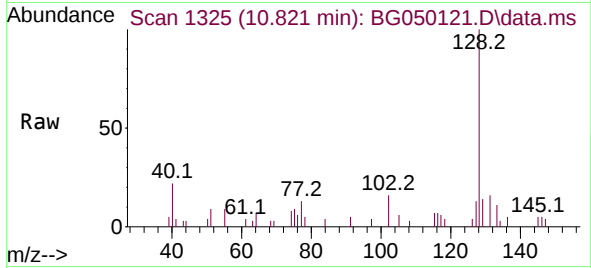
mohammad
9/3/2021 3:32:42 PM

Quant Time: Sep 03 10:47:02 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 30 14:59:55 2021
Response via : Initial Calibration

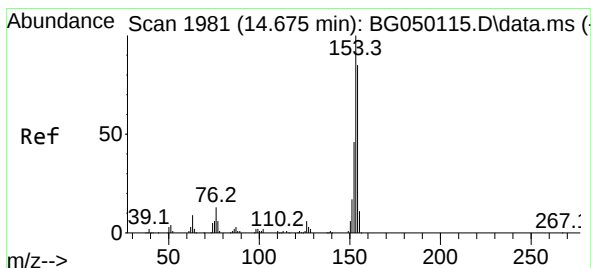
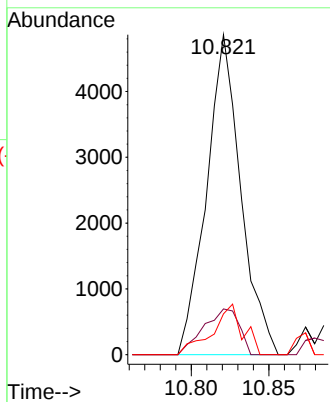
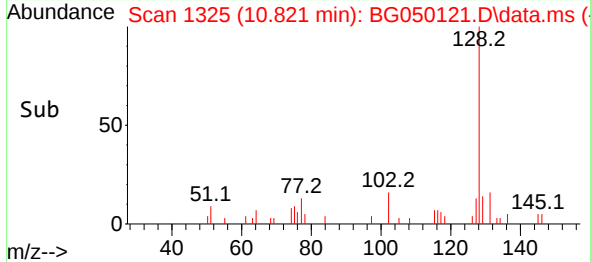




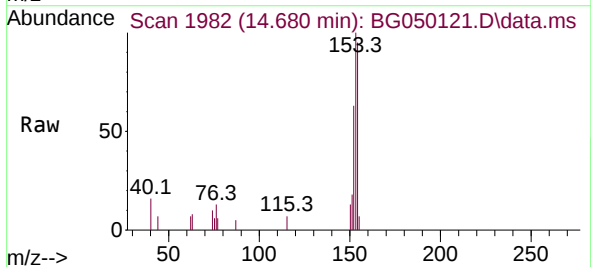
#30
Naphthalene
Concen: 1.492 ng/ul
RT: 10.821 min Scan# 1325
Delta R.T. -0.006 min
Lab File: BG050121.D
Acq: 3 Sep 2021 8:06



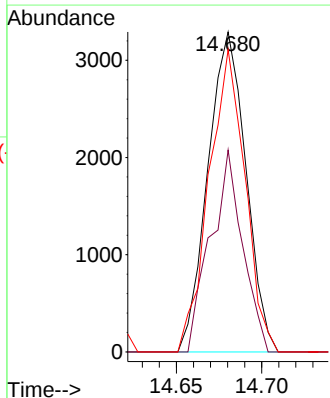
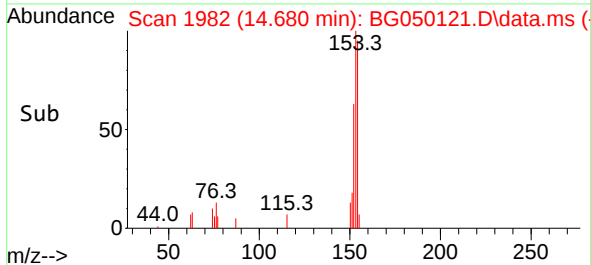
Tgt Ion	Ratio	Lower	Upper
128	100		
129	14.3	9.3	13.9#
127	12.8	9.8	14.6



#52
Acenaphthene
Concen: 1.224 ng/ul
RT: 14.680 min Scan# 1982
Delta R.T. -0.006 min
Lab File: BG050121.D
Acq: 3 Sep 2021 8:06



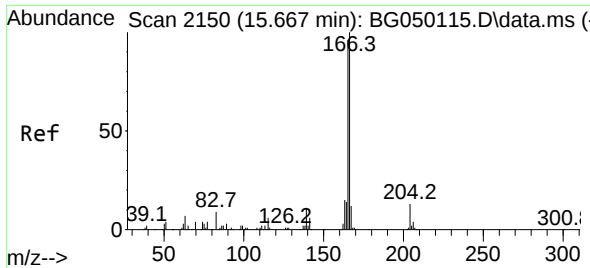
Tgt Ion	Ratio	Lower	Upper
153	100		
152	63.1	37.4	56.2#
154	94.5	71.5	107.3



Instrument :
BNA_G
ClientSampled :
EW7C0

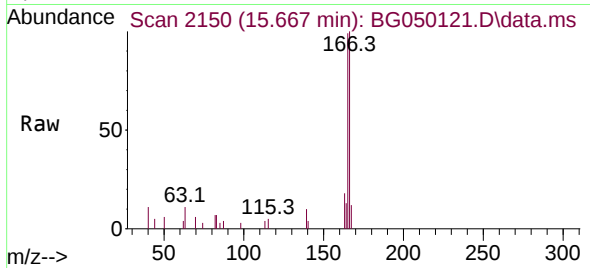
Manual Integrations
APPROVED

mohammad
9/3/2021 3:32:42 PM



#61
Fluorene
Concen: 1.464 ng/ul
RT: 15.667 min Scan# 2150
Delta R.T. -0.000 min
Lab File: BG050121.D
Acq: 3 Sep 2021 8:06

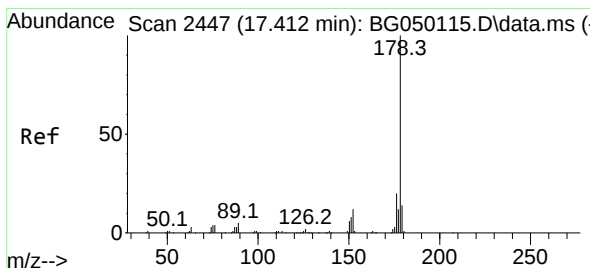
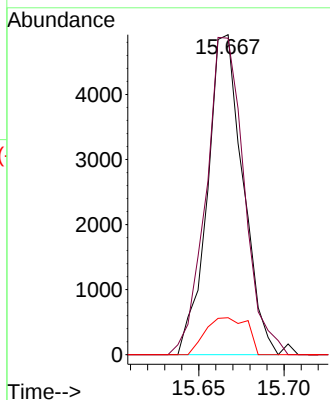
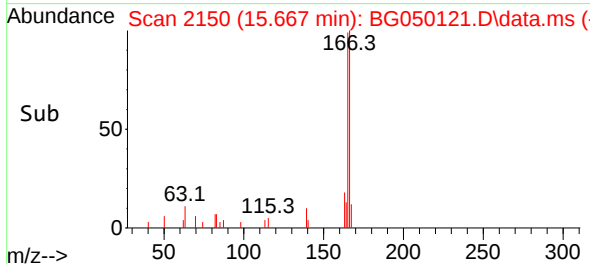
Instrument :
BNA_G
ClientSampleId :
EW7C0



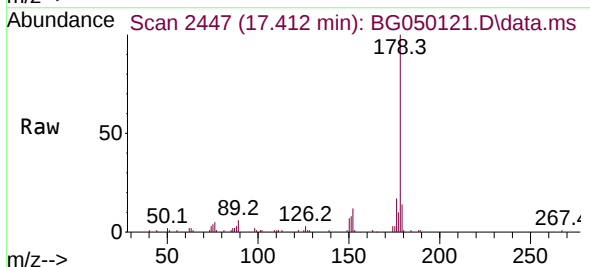
Tgt Ion:166 Resp: 7126
Ion Ratio Lower Upper
166 100
165 98.9 83.3 124.9
167 11.5 11.8 17.6#

Manual Integrations
APPROVED

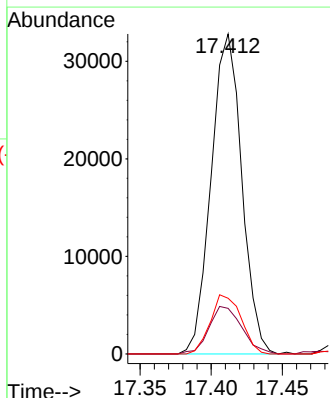
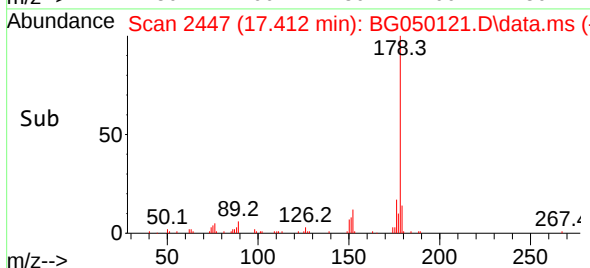
mohammad
9/3/2021 3:32:42 PM

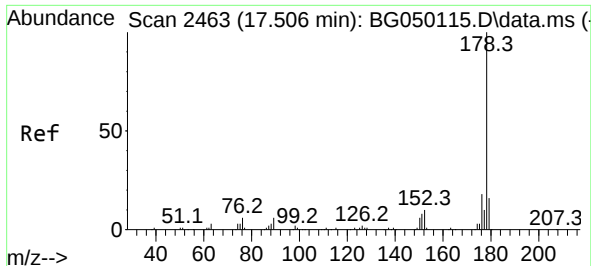


#72
Phenanthrene
Concen: 6.407 ng/ul
RT: 17.412 min Scan# 2447
Delta R.T. -0.006 min
Lab File: BG050121.D
Acq: 3 Sep 2021 8:06



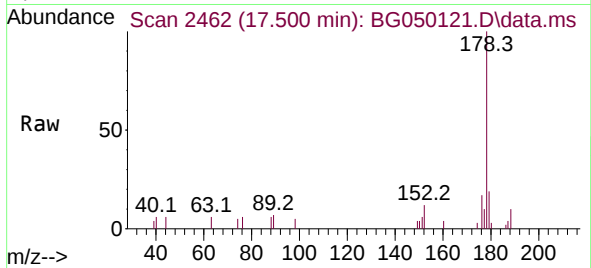
Tgt Ion:178 Resp: 49159
Ion Ratio Lower Upper
178 100
179 14.2 11.7 17.5
176 17.4 16.2 24.2





#74
 Anthracene
 Concen: 1.258 ng/ul m
 RT: 17.500 min Scan# 2462
 Delta R.T. -0.006 min
 Lab File: BG050121.D
 Acq: 3 Sep 2021 8:06

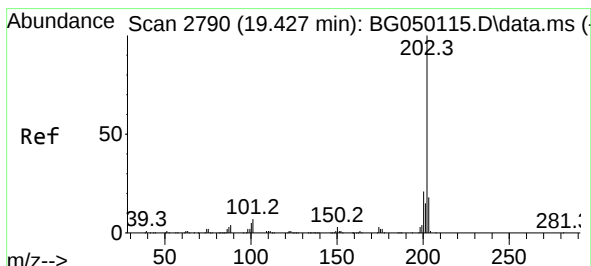
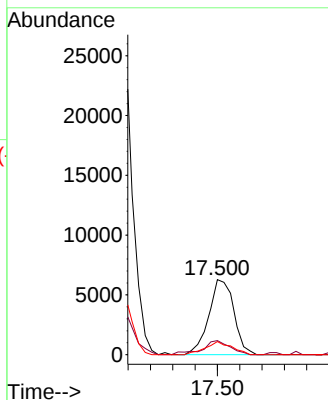
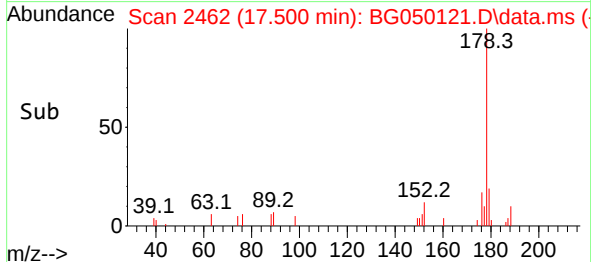
Instrument :
 BNA_G
 ClientSampled :
 EW7C0



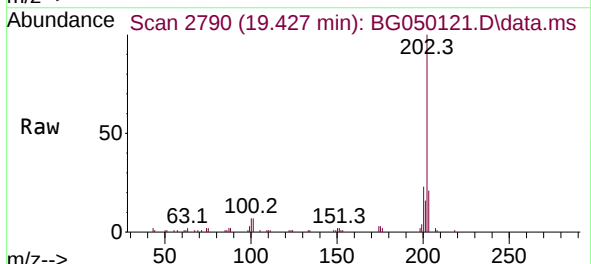
Tgt Ion:178 Resp: 9782
 Ion Ratio Lower Upper
 178 100
 179 18.8 11.4 17.0#
 176 17.4 12.8 19.2

Manual Integrations
 APPROVED

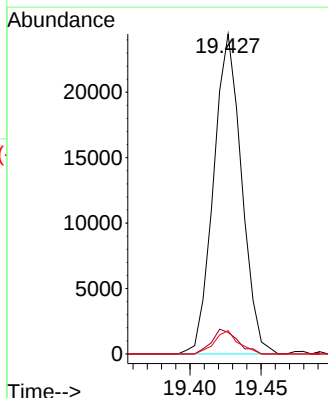
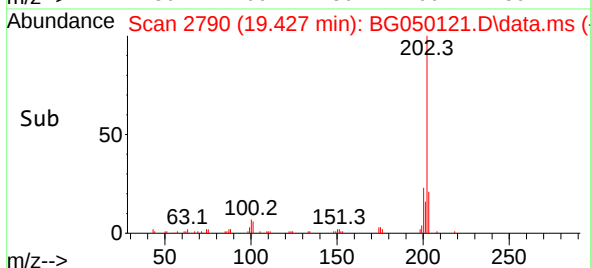
mohammad
 9/3/2021 3:32:42 PM

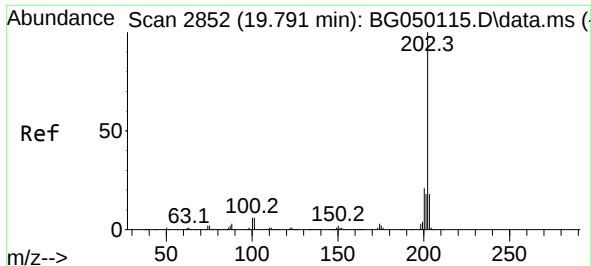


#80
 Fluoranthene
 Concen: 3.109 ng/ul
 RT: 19.427 min Scan# 2790
 Delta R.T. -0.006 min
 Lab File: BG050121.D
 Acq: 3 Sep 2021 8:06

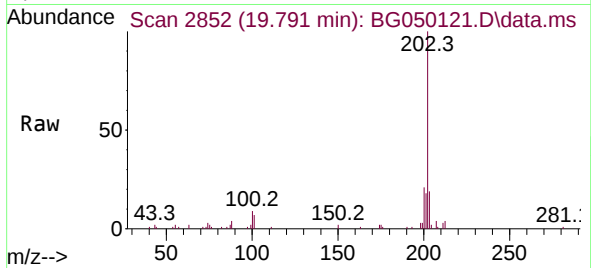


Tgt Ion:202 Resp: 33542
 Ion Ratio Lower Upper
 202 100
 101 6.7 4.3 6.5#
 100 7.3 3.5 5.3#

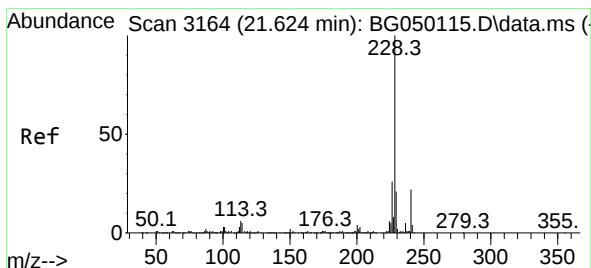
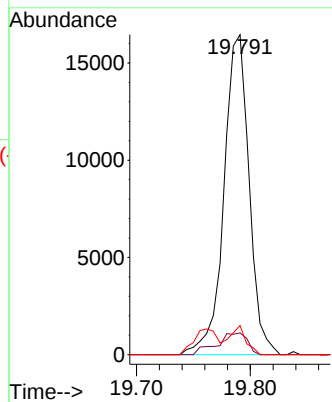
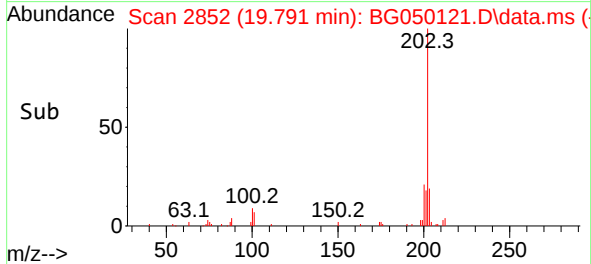




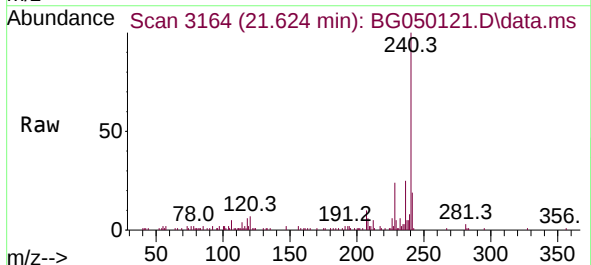
#82
Pyrene
Concen: 2.371 ng/ul
RT: 19.791 min Scan# 2852
Delta R.T. -0.006 min
Lab File: BG050121.D
Acq: 3 Sep 2021 8:06



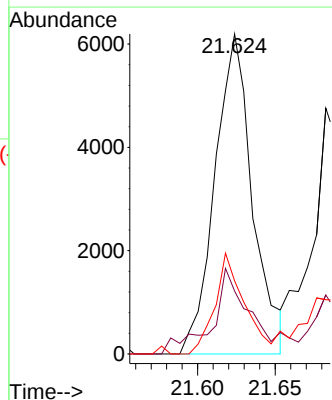
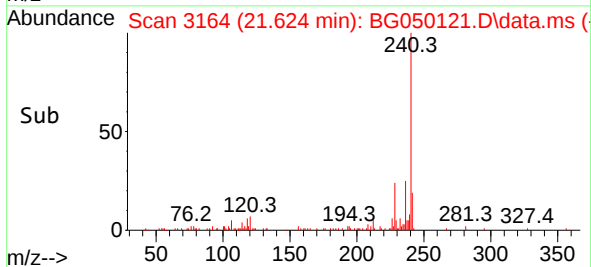
Tgt Ion:202 Resp: 25345
Ion Ratio Lower Upper
202 100
101 6.8 5.4 8.0
100 9.1 5.0 7.6#



#85
Benzo(a)anthracene
Concen: 1.033 ng/ul
RT: 21.624 min Scan# 3164
Delta R.T. -0.006 min
Lab File: BG050121.D
Acq: 3 Sep 2021 8:06



Tgt Ion:228 Resp: 10417
Ion Ratio Lower Upper
228 100
229 19.7 16.2 24.4
226 22.9 21.0 31.4



Instrument :
BNA_G
ClientSampleId :
EW7C0

Manual Integrations
APPROVED

mohammad
9/3/2021 3:32:42 PM