

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081721\
 Data File : BG049885.D
 Acq On : 17 Aug 2021 19:54
 Operator : CG/JU
 Sample : M3431-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 1

Manual Integrations
 APPROVED

mohammad
 8/18/2021 4:29:09 PM

Quant Time: Aug 18 05:43:48 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 16 18:23:02 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.027	152	34575	20.000	ng	# 0.00
21) Naphthalene-d8	10.847	136	139938	20.000	ng	# 0.00
39) Acenaphthene-d10	14.677	164	90834	20.000	ng	0.00
64) Phenanthrene-d10	17.432	188	173495	20.000	ng	# 0.00
76) Chrysene-d12	21.715	240	147958	20.000	ng	0.00
86) Perylene-d12	24.987	264	149345	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.590	112	175333	90.905	ng	0.01
7) Phenol-d6	7.199	99	249211	85.357	ng	0.00
23) Nitrobenzene-d5	9.202	82	184458	58.329	ng	0.00
42) 2,4,6-Tribromophenol	16.175	330	119385	89.418	ng	0.00
45) 2-Fluorobiphenyl	13.297	172	397021	63.599	ng	0.00
79) Terphenyl-d14	20.041	244	521279	63.988	ng	0.00
Target Compounds						
75) Fluoranthene	19.488	202	39387	3.507	ng	Qvalue 97
78) Pyrene	19.847	202	34345m	3.405	ng	
83) Chrysene	21.756	228	27179	2.951	ng	99
88) Benzo(b)fluoranthene	23.953	252	42081	4.296	ng	# 89
90) Benzo(a)pyrene	24.834	252	24276	2.739	ng	# 92

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

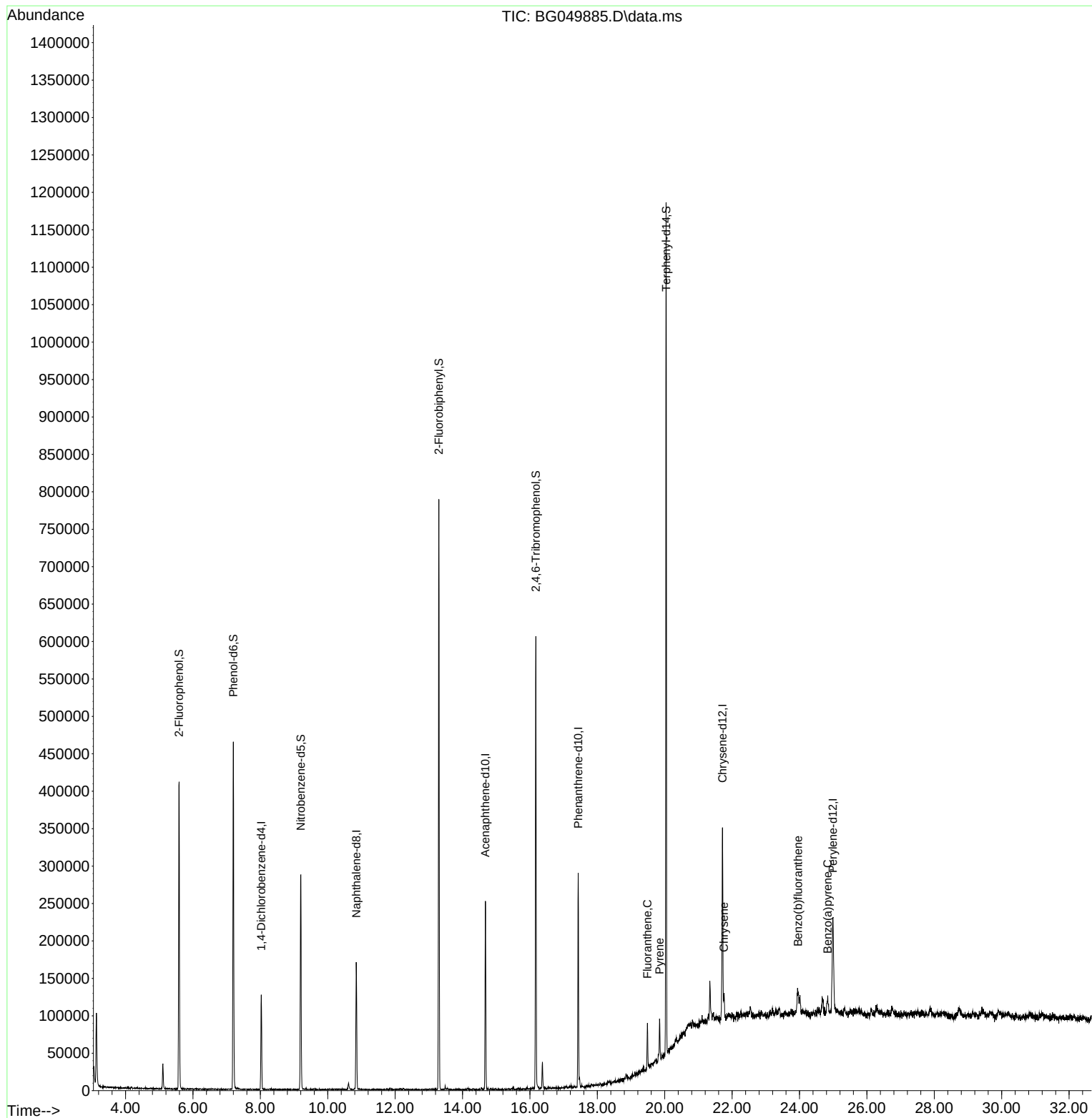
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081721\
Data File : BG049885.D
Acq On : 17 Aug 2021 19:54
Operator : CG/JU
Sample : M3431-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

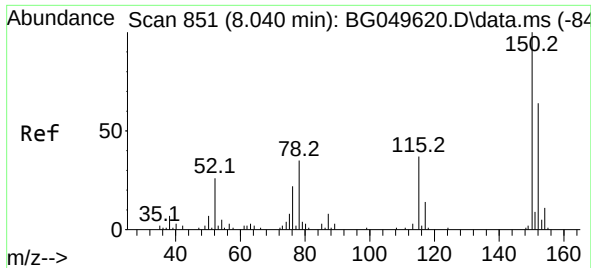
Instrument :
BNA_G
ClientSampleId :
1

Manual Integrations
APPROVED

mohammad
8/18/2021 4:29:09 PM

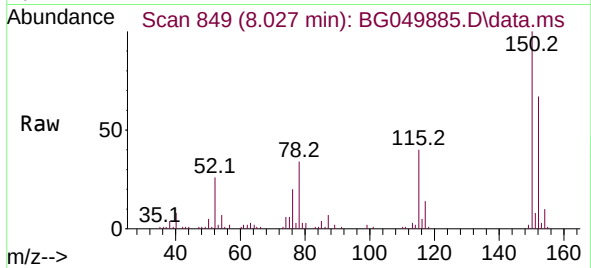
Quant Time: Aug 18 05:43:48 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 16 18:23:02 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.027 min Scan# 849
Delta R.T. -0.001 min
Lab File: BG049885.D
Acq: 17 Aug 2021 19:54

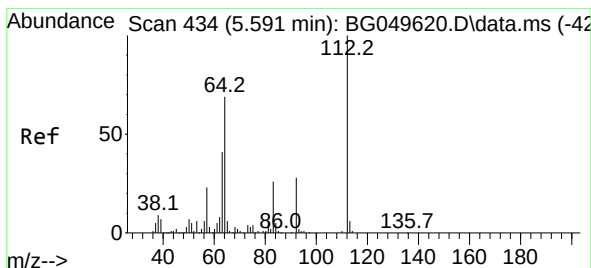
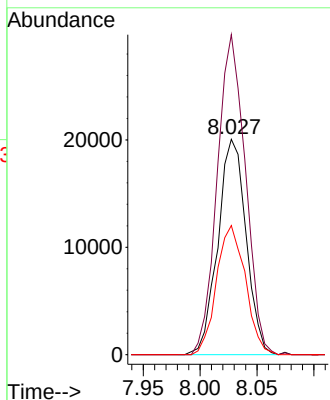
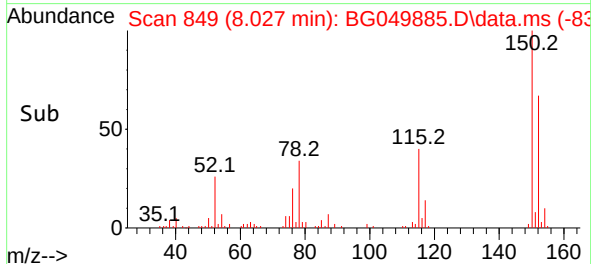
Instrument :
BNA_G
ClientSampled :
1



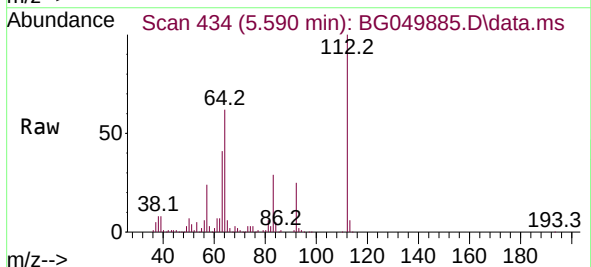
Tgt Ion:152 Resp: 34575
Ion Ratio Lower Upper
152 100
150 148.6 119.4 179.0
115 60.0 60.2 90.4#

Manual Integrations
APPROVED

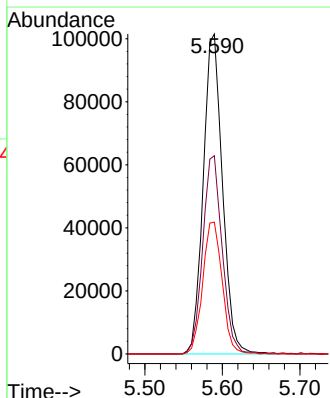
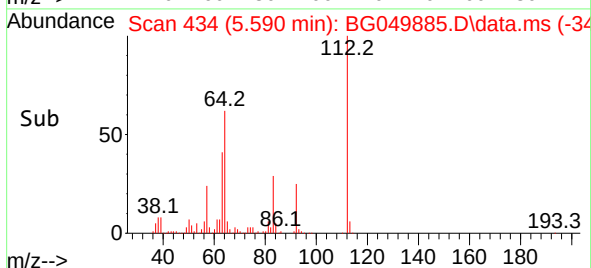
mohammad
8/18/2021 4:29:09 PM

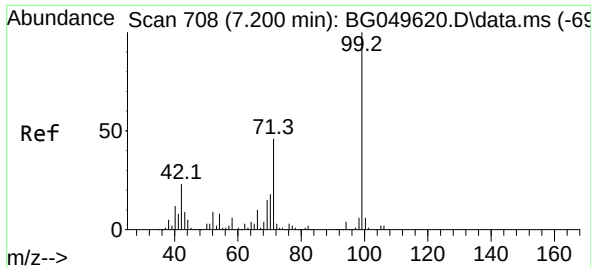


#5
2-Fluorophenol
Concen: 90.905 ng
RT: 5.590 min Scan# 434
Delta R.T. 0.011 min
Lab File: BG049885.D
Acq: 17 Aug 2021 19:54



Tgt Ion:112 Resp: 175333
Ion Ratio Lower Upper
112 100
64 62.0 46.7 70.1
63 41.2 35.3 52.9





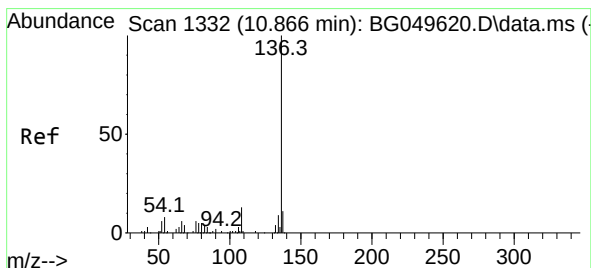
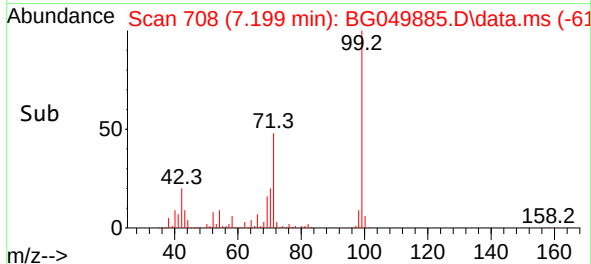
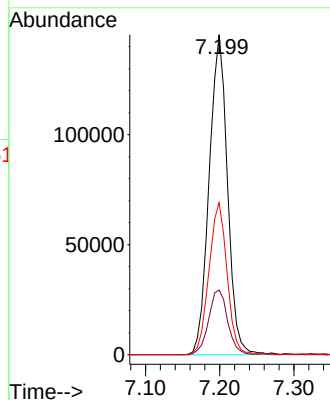
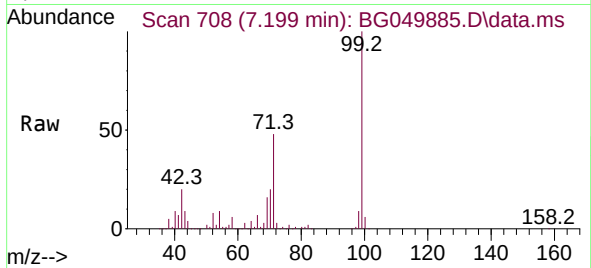
#7
Phenol-d6
Concen: 85.357 ng
RT: 7.199 min Scan# 708
Delta R.T. 0.005 min
Lab File: BG049885.D
Acq: 17 Aug 2021 19:54

Tgt Ion: 99 Resp: 249211
Ion Ratio Lower Upper
99 100
42 20.2 20.5 30.7#
71 47.5 41.5 62.3

Instrument :
BNA_G
ClientSampled :
1

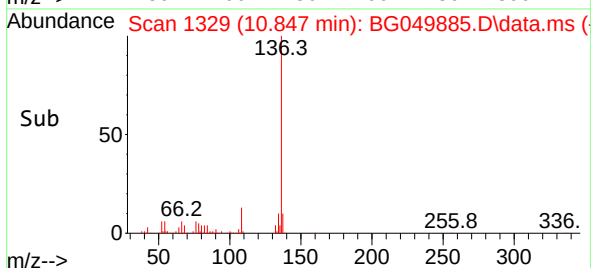
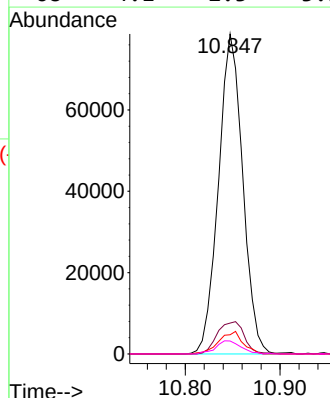
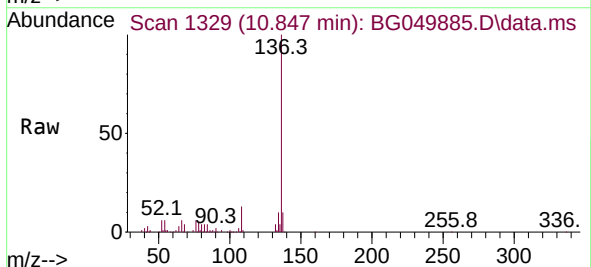
Manual Integrations
APPROVED

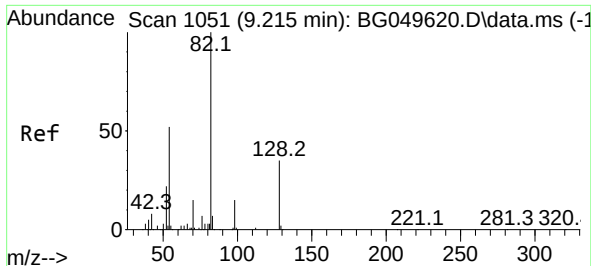
mohammad
8/18/2021 4:29:09 PM



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.847 min Scan# 1329
Delta R.T. -0.000 min
Lab File: BG049885.D
Acq: 17 Aug 2021 19:54

Tgt Ion:136 Resp: 139938
Ion Ratio Lower Upper
136 100
137 9.7 8.2 12.2
54 6.0 5.5 8.3
68 4.1 2.3 3.5#





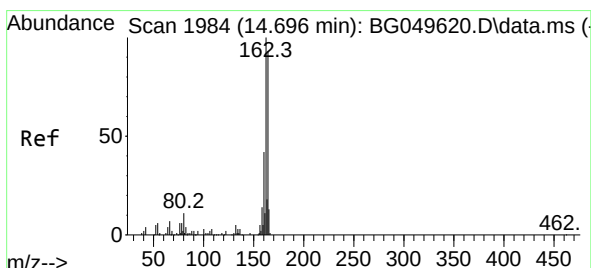
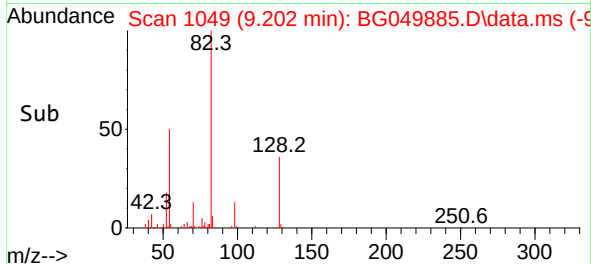
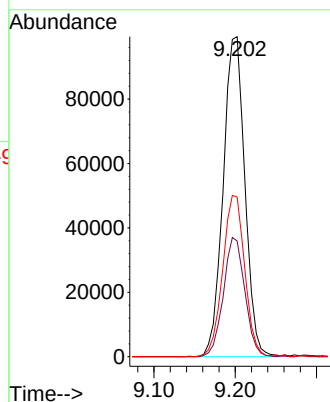
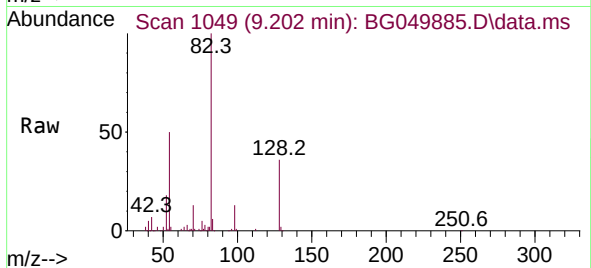
#23
Nitrobenzene-d5
Concen: 58.329 ng
RT: 9.202 min Scan# 1049
Delta R.T. 0.005 min
Lab File: BG049885.D
Acq: 17 Aug 2021 19:54

Tgt Ion: 82 Resp: 184458
Ion Ratio Lower Upper
82 100
128 36.2 29.8 44.6
54 49.9 45.8 68.8

Instrument :
BNA_G
ClientSampled :
1

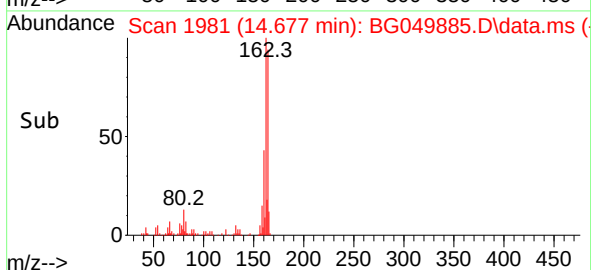
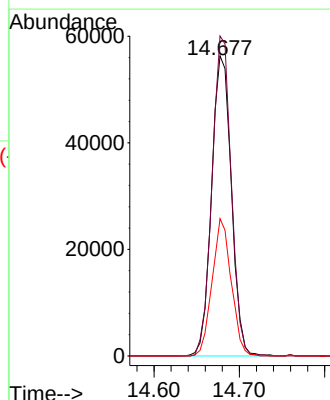
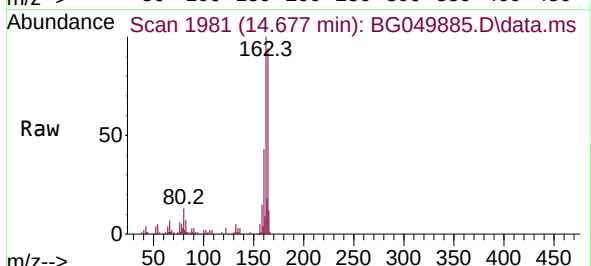
Manual Integrations
APPROVED

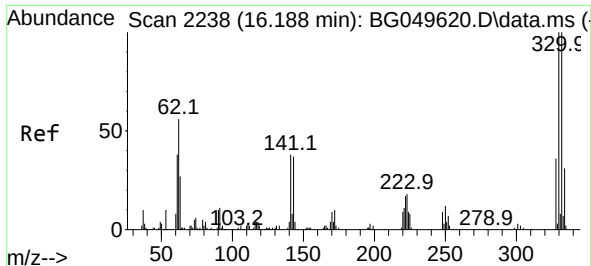
mohammad
8/18/2021 4:29:09 PM



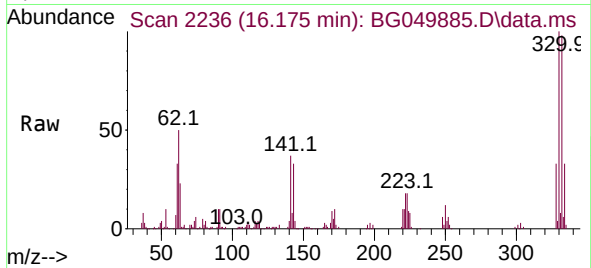
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.677 min Scan# 1981
Delta R.T. -0.006 min
Lab File: BG049885.D
Acq: 17 Aug 2021 19:54

Tgt Ion: 164 Resp: 90834
Ion Ratio Lower Upper
164 100
162 106.6 81.4 122.0
160 45.7 34.9 52.3

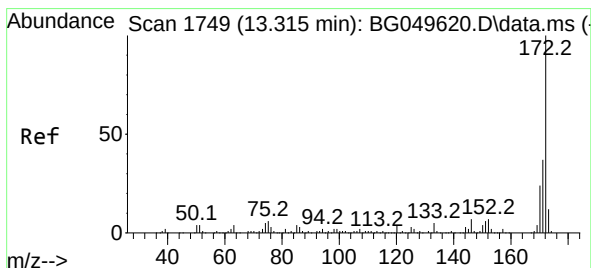
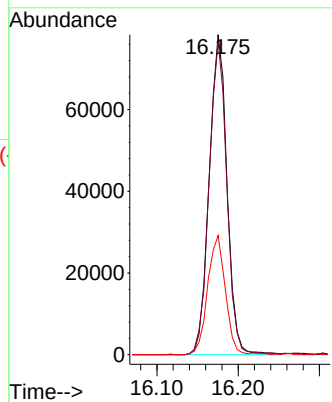
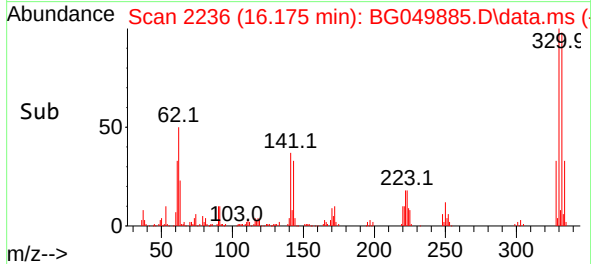




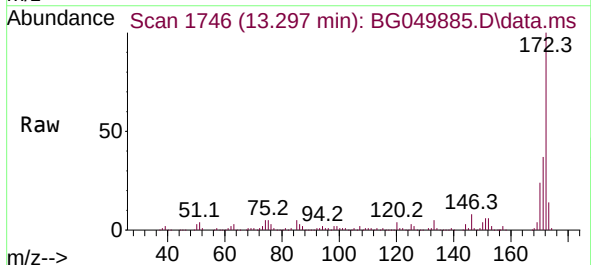
#42
2,4,6-Tribromophenol
Concen: 89.418 ng
RT: 16.175 min Scan# 2236
Delta R.T. -0.000 min
Lab File: BG049885.D
Acq: 17 Aug 2021 19:54



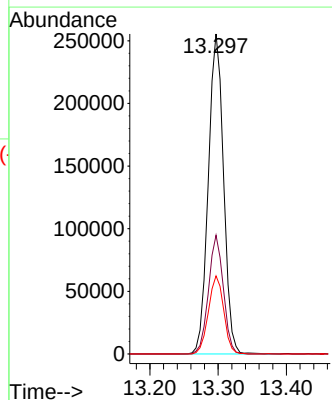
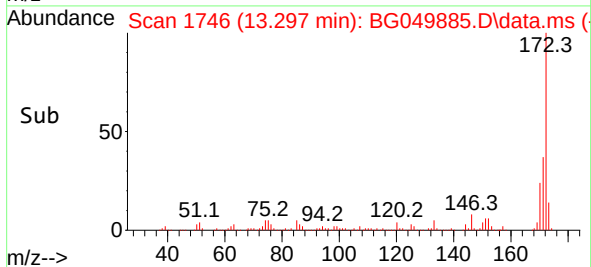
Tgt Ion:330 Resp: 119385
Ion Ratio Lower Upper
330 100
332 97.5 77.3 115.9
141 37.2 35.6 53.4



#45
2-Fluorobiphenyl
Concen: 63.599 ng
RT: 13.297 min Scan# 1746
Delta R.T. -0.006 min
Lab File: BG049885.D
Acq: 17 Aug 2021 19:54



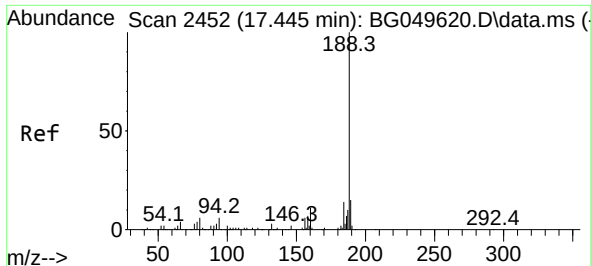
Tgt Ion:172 Resp: 397021
Ion Ratio Lower Upper
172 100
171 37.1 28.6 43.0
170 24.4 18.6 27.8



Instrument :
BNA_G
ClientSampled :
1

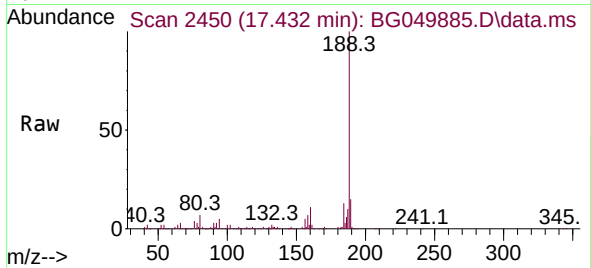
Manual Integrations
APPROVED

mohammad
8/18/2021 4:29:09 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.432 min Scan# 2450
Delta R.T. -0.006 min
Lab File: BG049885.D
Acq: 17 Aug 2021 19:54

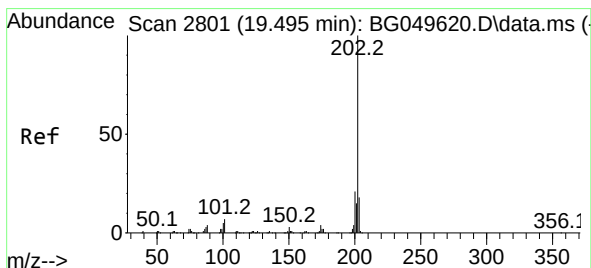
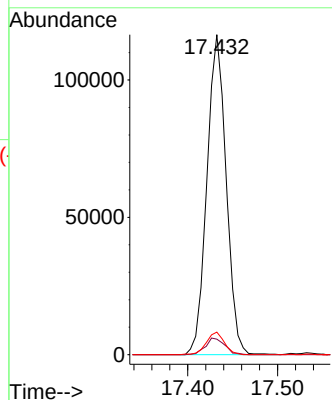
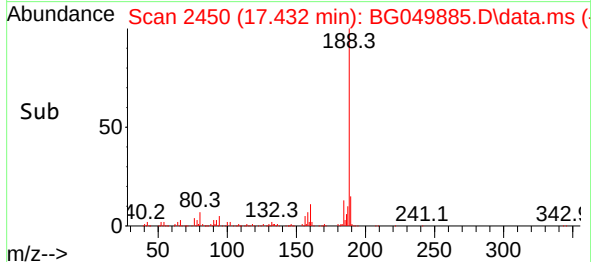
Instrument :
BNA_G
ClientSampled :
1



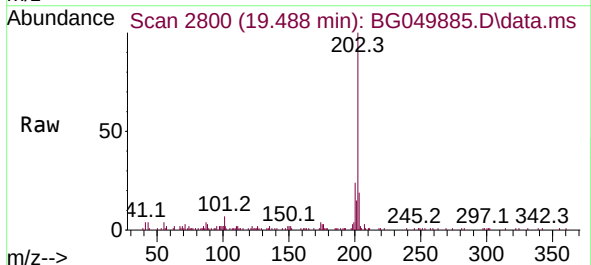
Tgt Ion:188 Resp: 173495
Ion Ratio Lower Upper
188 100
94 4.8 5.4 8.0#
80 7.1 3.7 5.5#

Manual Integrations
APPROVED

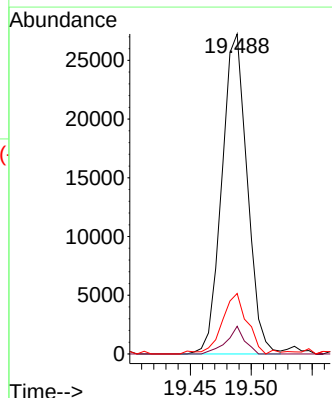
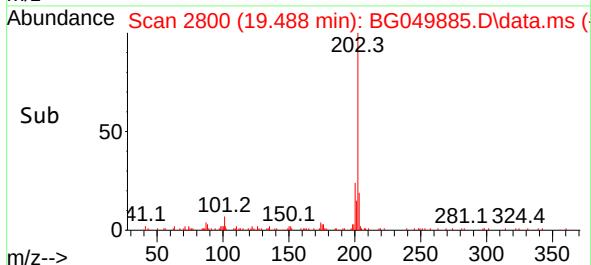
mohammad
8/18/2021 4:29:09 PM

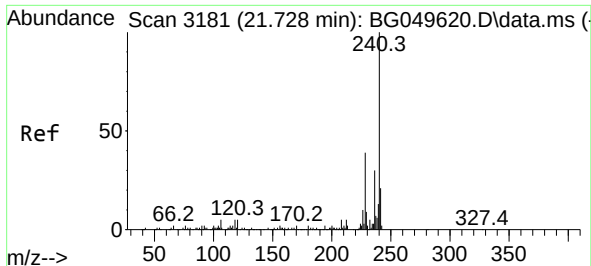


#75
Fluoranthene
Concen: 3.507 ng
RT: 19.488 min Scan# 2800
Delta R.T. -0.000 min
Lab File: BG049885.D
Acq: 17 Aug 2021 19:54



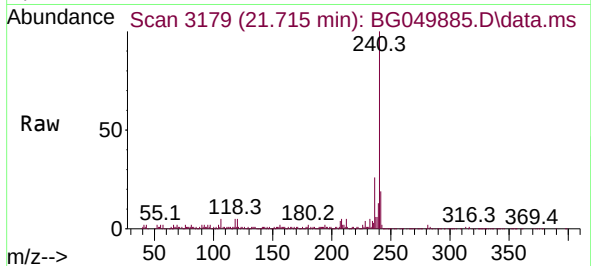
Tgt Ion:202 Resp: 39387
Ion Ratio Lower Upper
202 100
101 8.7 0.0 24.7
203 18.9 0.0 38.5





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.715 min Scan# 3179
Delta R.T. -0.006 min
Lab File: BG049885.D
Acq: 17 Aug 2021 19:54

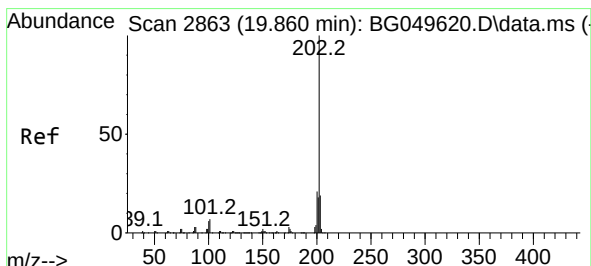
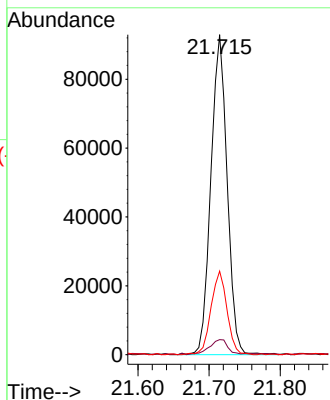
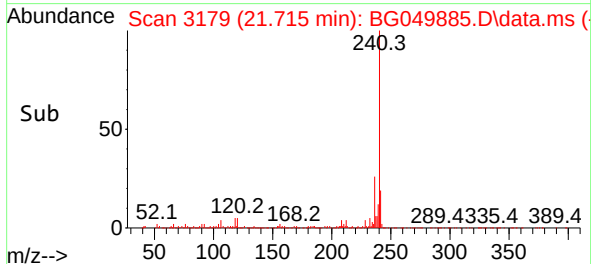
Instrument :
BNA_G
ClientSampled :
1



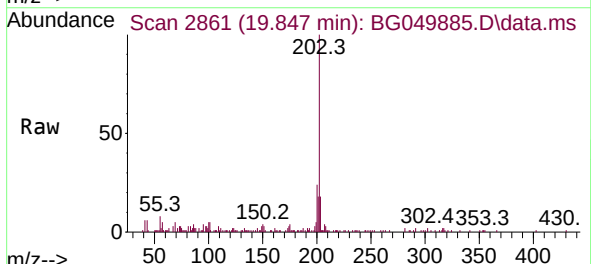
Tgt Ion:240 Resp: 147958
Ion Ratio Lower Upper
240 100
120 4.7 4.2 6.2
236 26.1 21.8 32.6

Manual Integrations
APPROVED

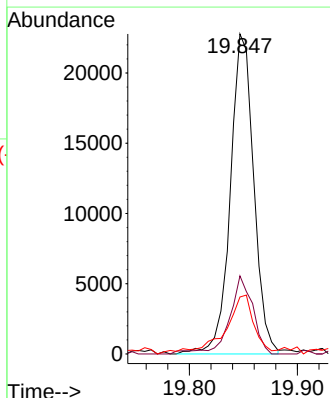
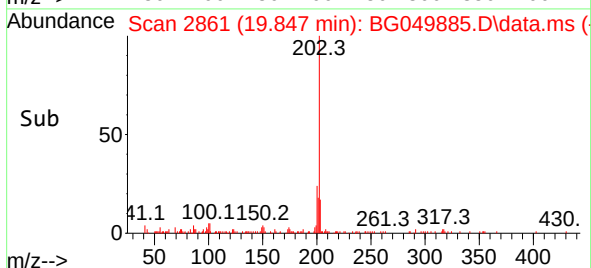
mohammad
8/18/2021 4:29:09 PM

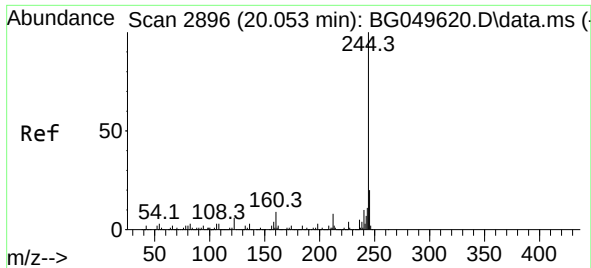


#78
Pyrene
Concen: 3.405 ng m
RT: 19.847 min Scan# 2861
Delta R.T. -0.006 min
Lab File: BG049885.D
Acq: 17 Aug 2021 19:54



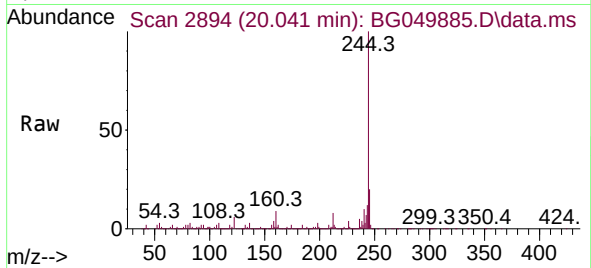
Tgt Ion:202 Resp: 34345
Ion Ratio Lower Upper
202 100
200 24.4 15.8 23.8#
203 17.8 14.6 21.8





#79
 Terphenyl-d14
 Concen: 63.988 ng
 RT: 20.041 min Scan# 2894
 Delta R.T. -0.006 min
 Lab File: BG049885.D
 Acq: 17 Aug 2021 19:54

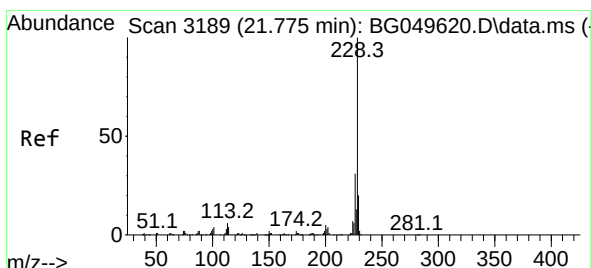
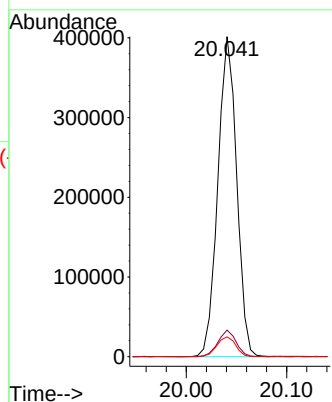
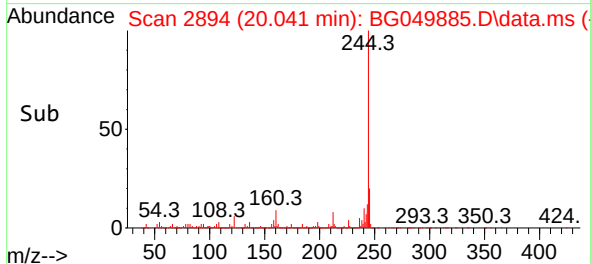
Instrument :
 BNA_G
 ClientSampled :
 1



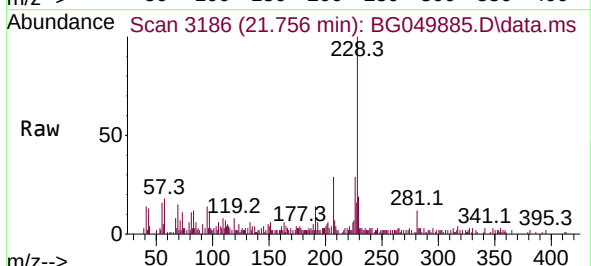
Tgt Ion:244 Resp: 521279
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.9 10.3
 122 6.2 5.0 7.6

Manual Integrations
 APPROVED

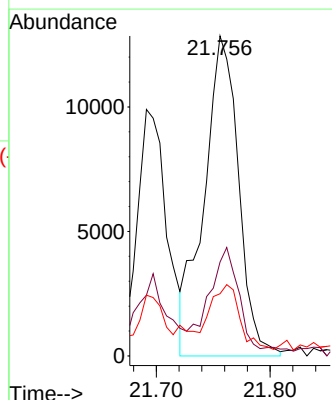
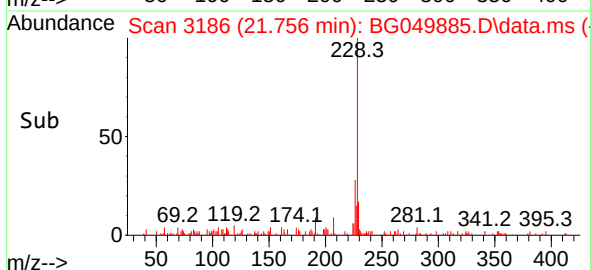
mohammad
 8/18/2021 4:29:09 PM

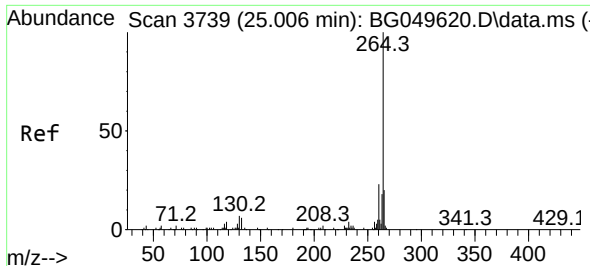


#83
 Chrysene
 Concen: 2.951 ng
 RT: 21.756 min Scan# 3186
 Delta R.T. -0.012 min
 Lab File: BG049885.D
 Acq: 17 Aug 2021 19:54



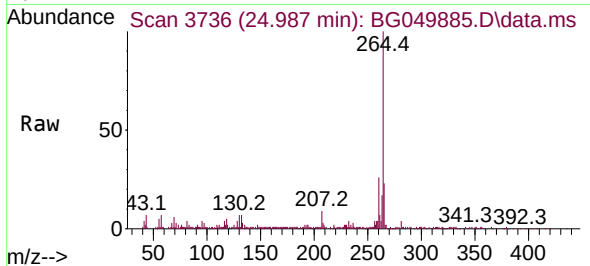
Tgt Ion:228 Resp: 27179
 Ion Ratio Lower Upper
 228 100
 226 29.4 23.1 34.7
 229 19.4 15.3 22.9





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.987 min Scan# 3736
 Delta R.T. -0.000 min
 Lab File: BG049885.D
 Acq: 17 Aug 2021 19:54

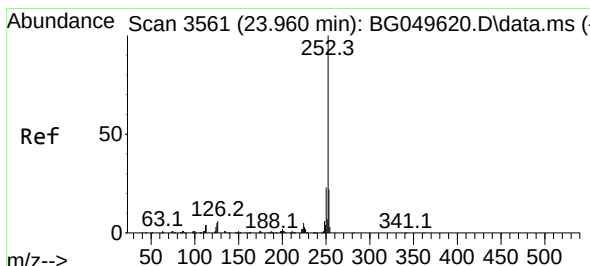
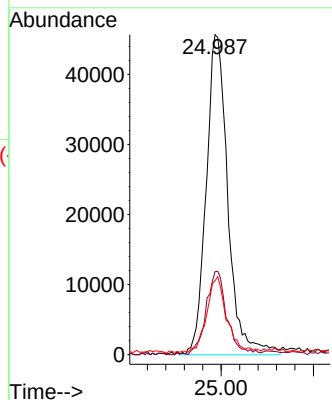
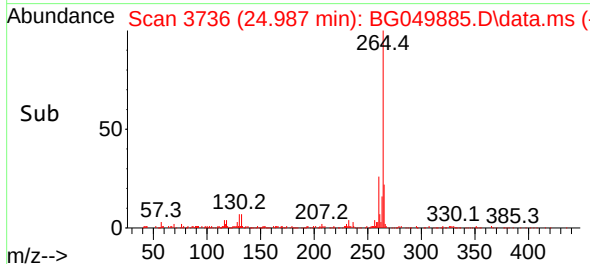
Instrument :
 BNA_G
 ClientSampled :
 1



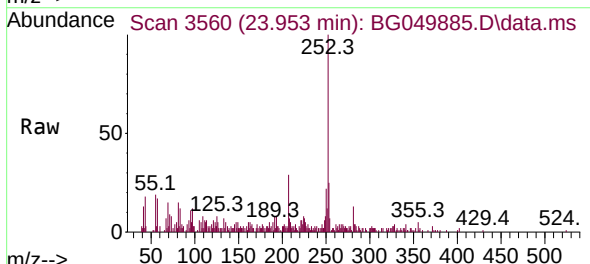
Tgt Ion:264 Resp: 149345
 Ion Ratio Lower Upper
 264 100
 260 26.0 19.4 29.2
 265 23.2 16.9 25.3

Manual Integrations
 APPROVED

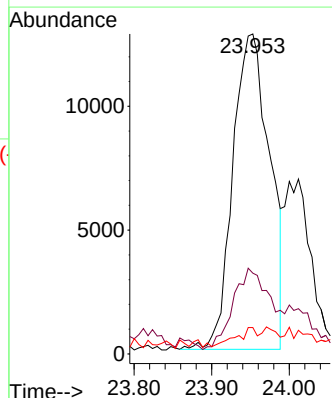
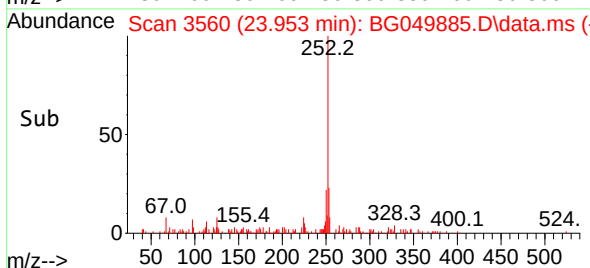
mohammad
 8/18/2021 4:29:09 PM

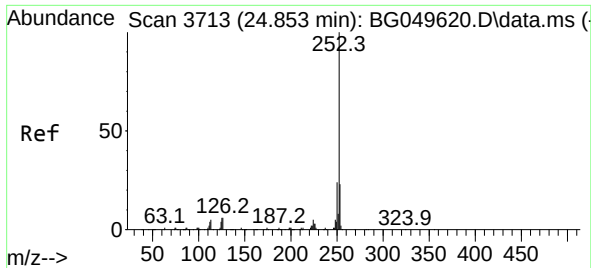


#88
 Benzo(b)fluoranthene
 Concen: 4.296 ng
 RT: 23.953 min Scan# 3560
 Delta R.T. -0.000 min
 Lab File: BG049885.D
 Acq: 17 Aug 2021 19:54

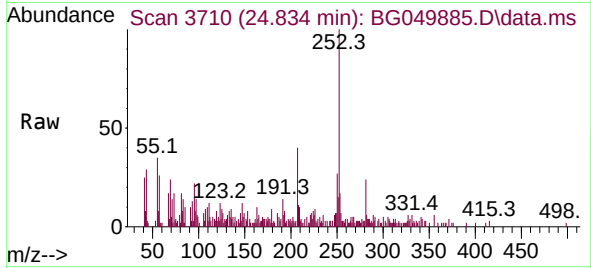


Tgt Ion:252 Resp: 42081
 Ion Ratio Lower Upper
 252 100
 253 25.3 16.2 24.4#
 125 8.3 3.0 4.4#

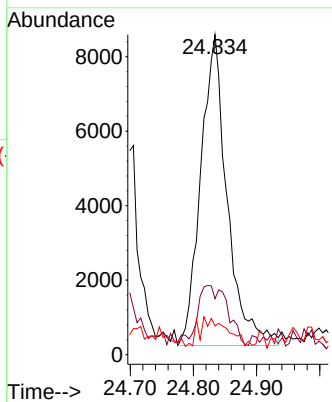
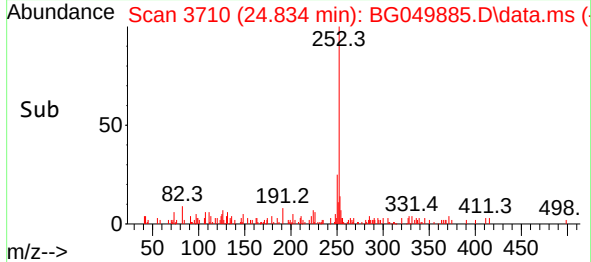




#90
 Benzo(a)pyrene
 Concen: 2.739 ng
 RT: 24.834 min Scan# 3710
 Delta R.T. -0.006 min
 Lab File: BG049885.D
 Acq: 17 Aug 2021 19:54



Tgt Ion:	252	Resp:	24276
Ion Ratio	Lower	Upper	
252	100		
253	17.5	16.6	25.0
125	9.0	3.5	5.3#



Instrument :
 BNA_G
 ClientSampleId :
 1

Manual Integrations
 APPROVED

mohammad
 8/18/2021 4:29:09 PM