

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082621\
 Data File : BG049989.D
 Acq On : 27 Aug 2021 00:22
 Operator : CG/JU
 Sample : M3458-19
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0B64

Manual Integrations
 APPROVED

mohammad
 8/27/2021 5:08:45 PM

Quant Time: Aug 27 02:02:22 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 26 15:41:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.966	152	30619	20.000	ng/ul	-0.02
20) Naphthalene-d8	10.792	136	126143	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.628	164	84313	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.383	188	179797	20.000	ng/ul	-0.01
79) Chrysene-d12	21.653	240	166779	20.000	ng/ul	-0.01
88) Perylene-d12	24.884	264	166108	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.325	96	1440	2.425	ng/uL	-0.02
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.138	99	33465	12.871	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.285	67	22125	15.317	ng/ul	-0.02
11) 2-Chlorophenol-d4	7.502	132	27768	14.273	ng/ul	-0.01
15) 4-Methylphenol-d8	8.689	113	21885	10.688	ng/ul	-0.01
21) Nitrobenzene-d5	9.141	128	15357	15.703	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.863	143	18375	15.779	ng/ul	-0.02
28) 2,4-Dichlorophenol-d3	10.421	165	30051	14.468	ng/ul	0.00
31) 4-Chloroaniline-d4	10.933	131	11017	3.897	ng/ul	0.00
46) Dimethylphthalate-d6	14.028	166	103926	16.106	ng/ul	-0.01
49) Acenaphthylene-d8	14.322	160	127954	16.912	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.863	143	7598	8.139	ng/ul	0.00
60) Fluorene-d10	15.620	176	87814	16.051	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.755	200	11219	9.699	ng/ul	-0.01
73) Anthracene-d10	17.483	188	134433	16.651	ng/ul	-0.01
81) Pyrene-d10	19.768	212	155806	17.288	ng/ul	-0.01
92) Benzo(a)pyrene-d12	24.655	264	124504	14.128	ng/ul	-0.02
Target Compounds						
					Qvalue	
72) Phenanthrene	17.424	178	18228	2.034	ng/ul#	94
80) Fluoranthene	19.439	202	36939	3.321	ng/ul	98
82) Pyrene	19.797	202	26637	2.417	ng/ul	97
85) Benzo(a)anthracene	21.636	228	10476	1.008	ng/ul	97
87) Chrysene	21.694	228	13090m	1.333	ng/ul	
90) Benzo(b)fluoranthene	23.862	252	19565m	1.841	ng/ul	
93) Benzo(a)pyrene	24.720	252	9708	1.052	ng/ul#	89

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

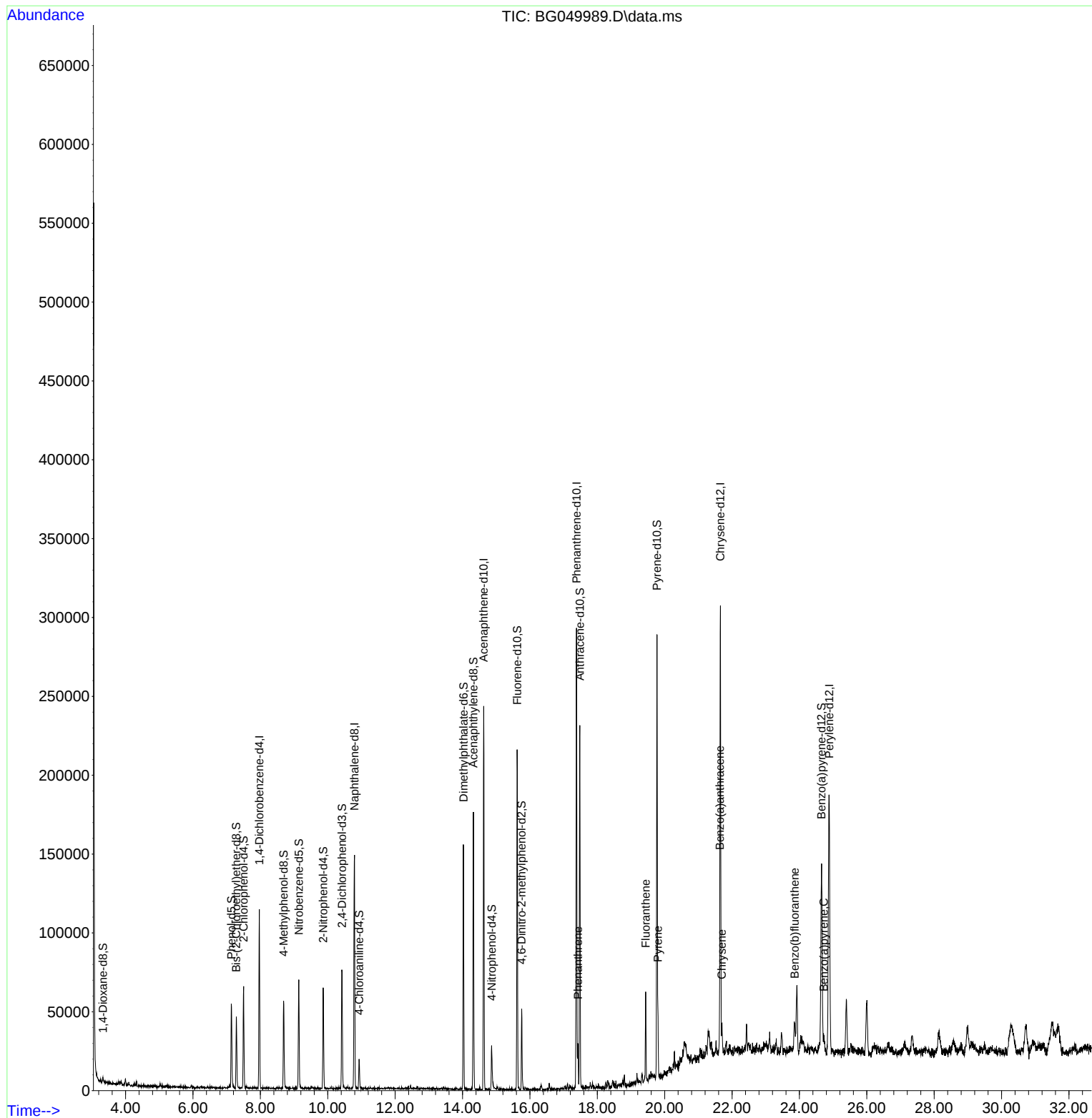
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082621\
Data File : BG049989.D
Acq On : 27 Aug 2021 00:22
Operator : CG/JU
Sample : M3458-19
Misc :
ALS Vial : 14 Sample Multiplier: 1

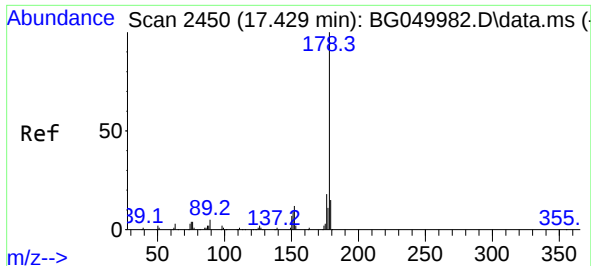
Instrument :
BNA_G
ClientSampleId :
C0B64

Manual Integrations
APPROVED

mohammad
8/27/2021 5:08:45 PM

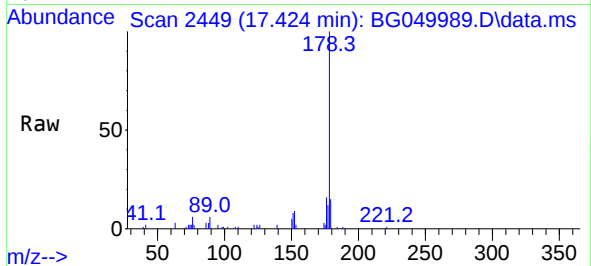
Quant Time: Aug 27 02:02:22 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 26 15:41:36 2021
Response via : Initial Calibration





#72
Phenanthrene
Concen: 2.034 ng/ul
RT: 17.424 min Scan# 2449
Delta R.T. -0.011 min
Lab File: BG049989.D
Acq: 27 Aug 2021 00:22

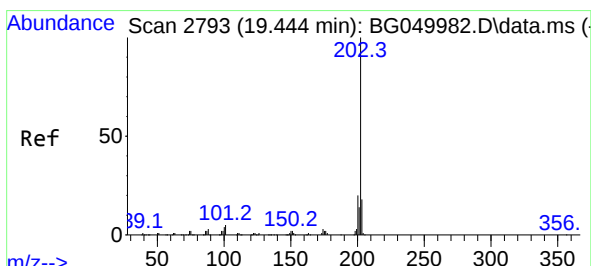
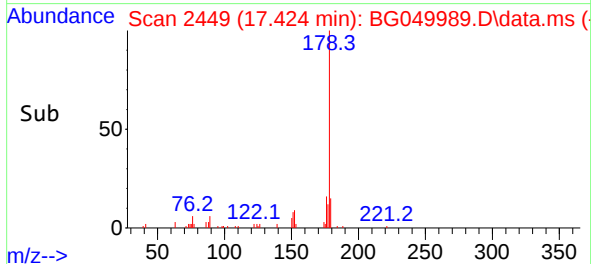
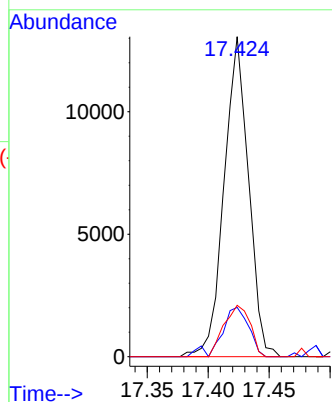
Instrument :
BNA_G
ClientSampled :
C0B64



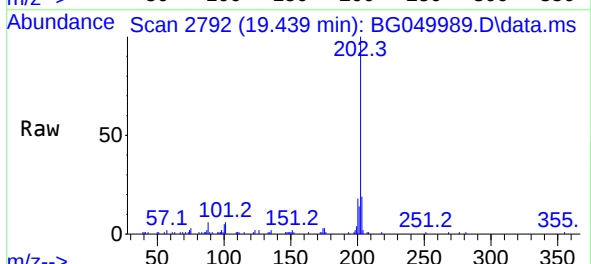
Tgt Ion:178 Resp: 18228
Ion Ratio Lower Upper
178 100
179 15.4 11.7 17.5
176 16.1 16.2 24.2#

Manual Integrations
APPROVED

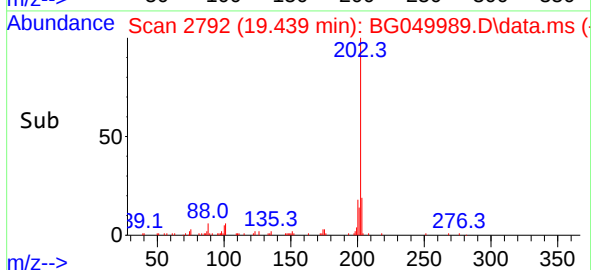
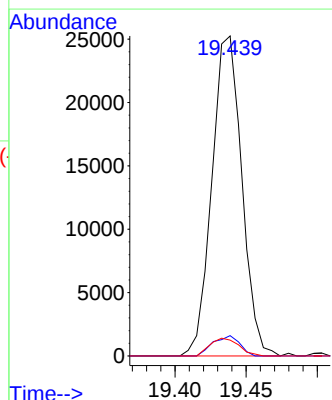
mohammad
8/27/2021 5:08:45 PM

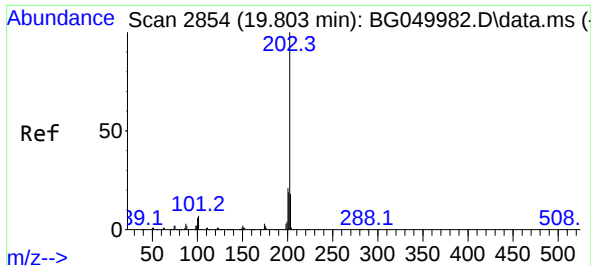


#80
Fluoranthene
Concen: 3.321 ng/ul
RT: 19.439 min Scan# 2792
Delta R.T. -0.006 min
Lab File: BG049989.D
Acq: 27 Aug 2021 00:22



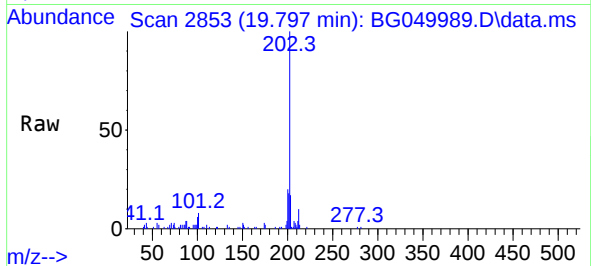
Tgt Ion:202 Resp: 36939
Ion Ratio Lower Upper
202 100
101 6.3 4.3 6.5
100 5.0 3.5 5.3





#82
Pyrene
Concen: 2.417 ng/u1
RT: 19.797 min Scan# 2853
Delta R.T. -0.011 min
Lab File: BG049989.D
Acq: 27 Aug 2021 00:22

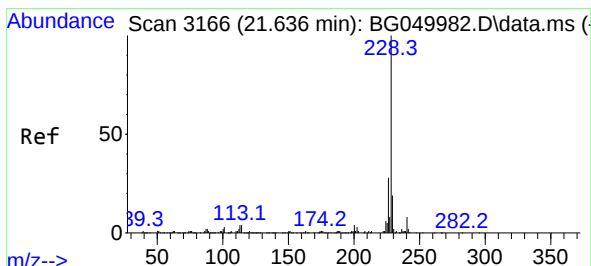
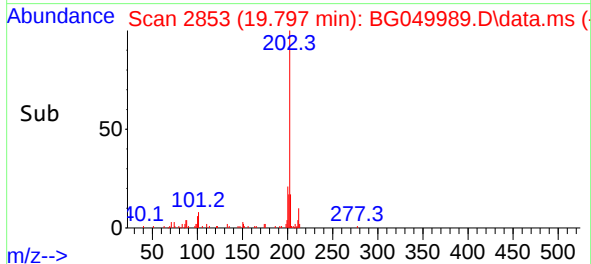
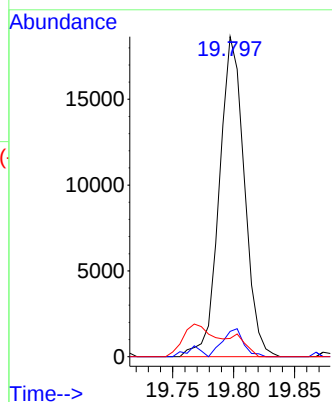
Instrument :
BNA_G
ClientSampled :
C0B64



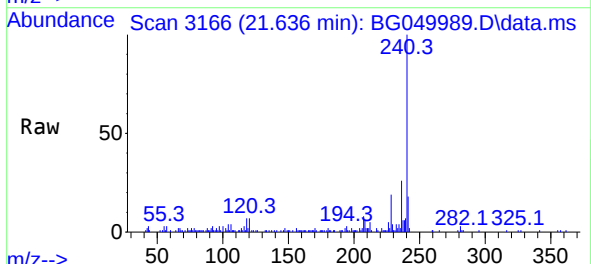
Tgt Ion:202 Resp: 26637
Ion Ratio Lower Upper
202 100
101 7.9 5.4 8.0
100 5.7 5.0 7.6

Manual Integrations
APPROVED

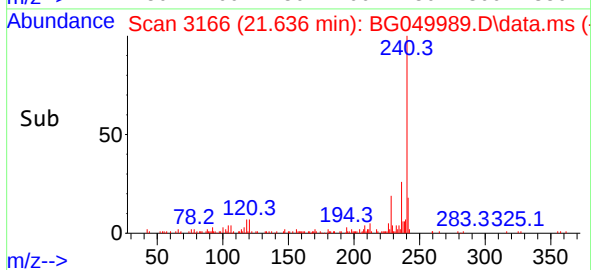
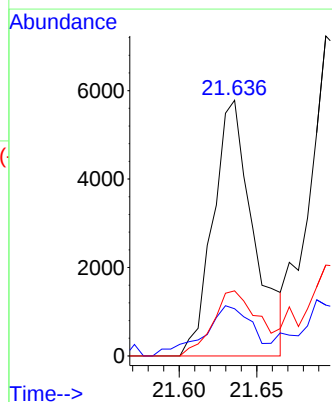
mohammad
8/27/2021 5:08:45 PM

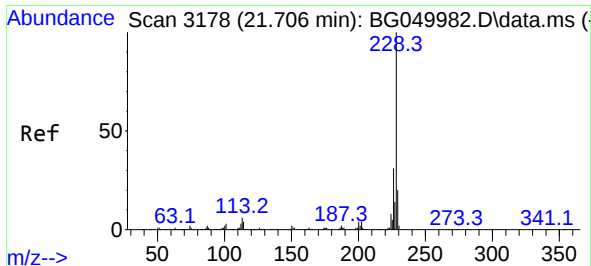


#85
Benzo(a)anthracene
Concen: 1.008 ng/u1
RT: 21.636 min Scan# 3166
Delta R.T. -0.011 min
Lab File: BG049989.D
Acq: 27 Aug 2021 00:22



Tgt Ion:228 Resp: 10476
Ion Ratio Lower Upper
228 100
229 18.5 16.2 24.4
226 25.5 21.0 31.4





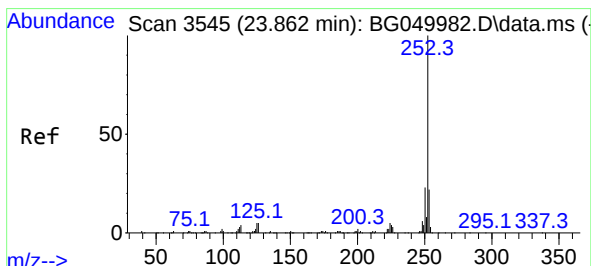
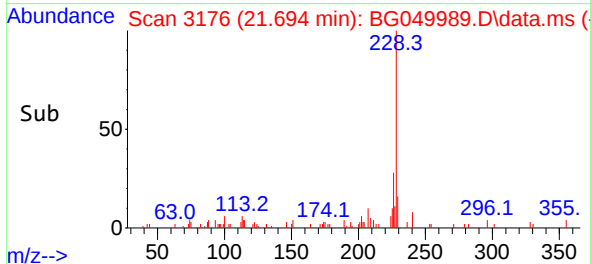
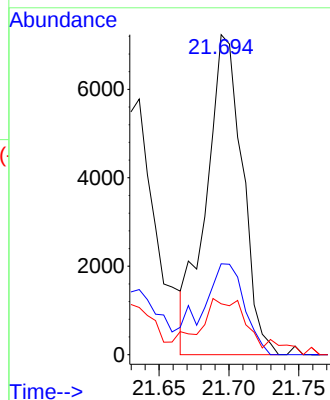
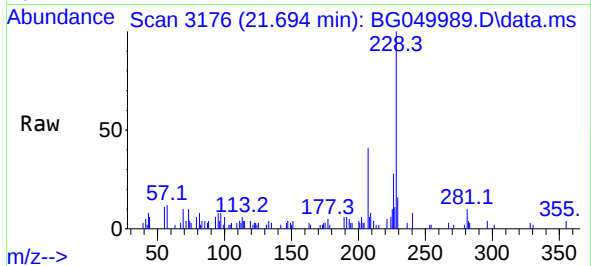
#87
Chrysene
Concen: 1.333 ng/ul m
RT: 21.694 min Scan# 3176
Delta R.T. -0.017 min
Lab File: BG049989.D
Acq: 27 Aug 2021 00:22

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.4	23.0	34.4
229	15.9	17.8	26.6

Instrument :
BNA_G
ClientSampled :
C0B64

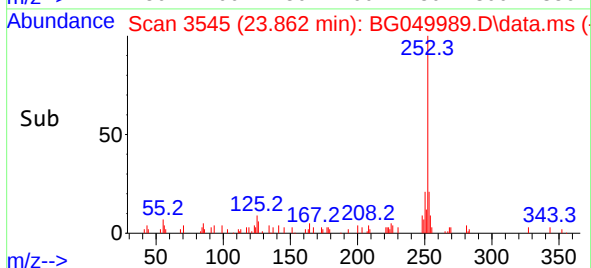
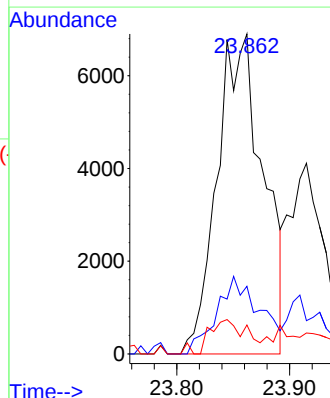
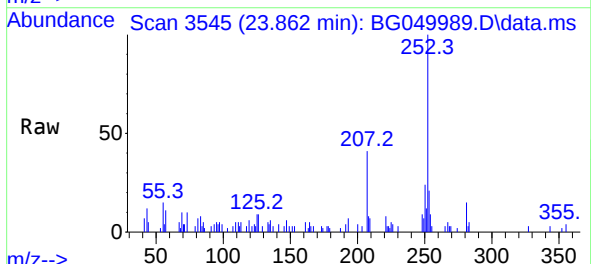
Manual Integrations
APPROVED

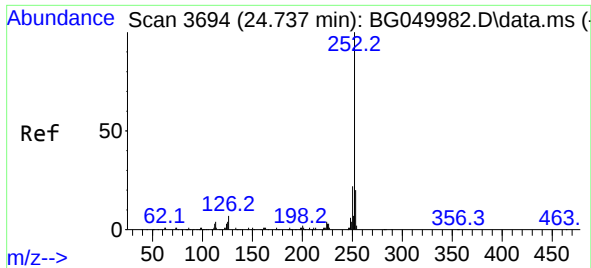
mohammad
8/27/2021 5:08:45 PM



#90
Benzo(b)fluoranthene
Concen: 1.841 ng/ul m
RT: 23.862 min Scan# 3545
Delta R.T. 0.000 min
Lab File: BG049989.D
Acq: 27 Aug 2021 00:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.2	18.1	27.1
125	9.1	3.4	5.0





#93
Benzo(a)pyrene
Concen: 1.052 ng/ul
RT: 24.720 min Scan# 3691
Delta R.T. -0.023 min
Lab File: BG049989.D
Acq: 27 Aug 2021 00:22

Tgt Ion:	252	Resp:	9708
Ion Ratio	Lower	Upper	
252	100		
253	24.0	17.0	25.4
125	16.3	4.4	6.6#

Instrument :
BNA_G
ClientSampleId :
C0B64

Manual Integrations
APPROVED

mohammad
8/27/2021 5:08:45 PM

