

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092821\
 Data File : BG050300.D
 Acq On : 29 Sep 2021 1:07
 Operator : CG/JU
 Sample : M3755-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AJ3

Manual Integrations
 APPROVED

mohammad
 9/29/2021 12:53:41 PM

Quant Time: Sep 29 02:14:20 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG092521.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Sep 27 03:10:48 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.288	152	32040	20.000	ng/ul	0.00
20) Naphthalene-d8	11.108	136	128483	20.000	ng/ul	#-0.01
38) Acenaphthene-d10	14.898	164	87178	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.642	188	193891	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.949	240	183388	20.000	ng/ul	# 0.00
88) Perylene-d12	25.380	264	191936	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.658	96	4238m	6.396	ng/uL	0.00
4) Pyridine-d5	4.087	84	46615	23.344	ng/ul	0.00
7) Phenol-d5	7.413	99	75769	29.784	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.595	67	48031	32.529	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.812	132	55199	29.853	ng/ul	0.00
15) 4-Methylphenol-d8	8.970	113	56484	28.185	ng/ul	-0.01
21) Nitrobenzene-d5	9.451	128	27654	34.841	ng/ul	-0.01
24) 2-Nitrophenol-d4	10.180	143	27869	31.789	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.715	165	55514	27.145	ng/ul	0.00
31) 4-Chloroaniline-d4	11.238	131	71189	26.498	ng/ul	0.00
46) Dimethylphthalate-d6	14.293	166	185819	31.362	ng/ul	-0.01
49) Acenaphthylene-d8	14.598	160	228553	30.687	ng/ul	0.00
54) 4-Nitrophenol-d4	15.057	143	26613	26.622	ng/ul	-0.01
60) Fluorene-d10	15.885	176	169066	31.166	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.991	200	21844	26.592	ng/ul	0.00
73) Anthracene-d10	17.742	188	259975	31.480	ng/ul	0.00
81) Pyrene-d10	20.016	212	329032	33.138	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.145	264	315549	32.246	ng/ul	-0.02
Target Compounds						
					Qvalue	
18) 4-Methylphenol	9.028	108	4531	2.212	ng/ul	97
72) Phenanthrene	17.683	178	39392	4.094	ng/ul	98
80) Fluoranthene	19.681	202	77527	6.159	ng/ul#	89
82) Pyrene	20.045	202	62234	5.028	ng/ul#	94
85) Benzo(a)anthracene	21.925	228	35092	3.178	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.813	149	28686	4.819	ng/ul#	97
87) Chrysene	21.996	228	31922m	2.982	ng/ul	
90) Benzo(b)fluoranthene	24.287	252	39144	3.484	ng/ul#	92
91) Benzo(k)fluoranthene	24.340	252	15995	1.516	ng/ul#	95
93) Benzo(a)pyrene	25.215	252	27343	2.562	ng/ul#	89
94) Indeno(1,2,3-cd)pyrene	29.322	276	19666m	1.577	ng/ul	
96) Benzo(g,h,i)perylene	30.544	276	15493m	1.452	ng/ul	

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

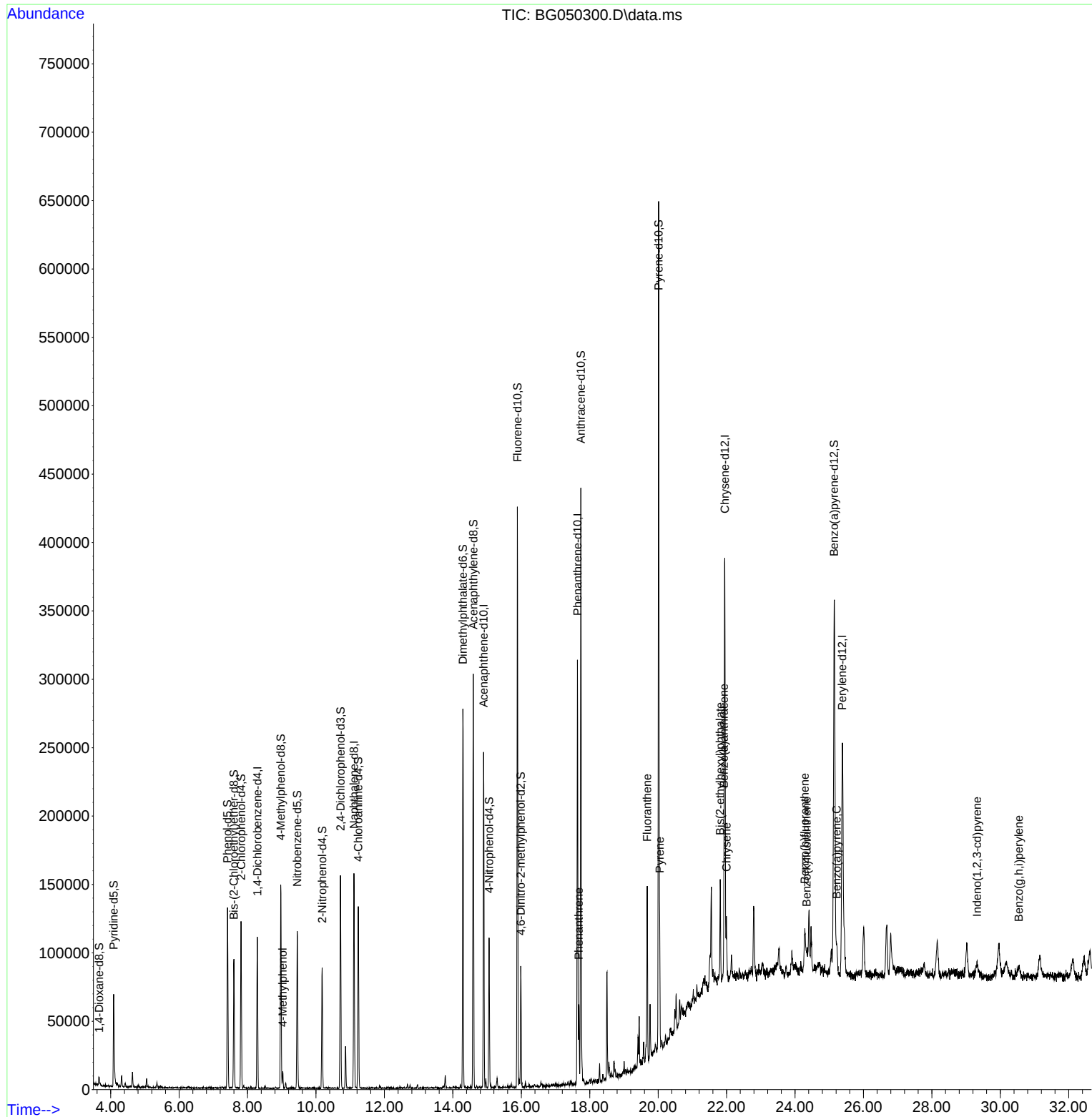
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092821\
Data File : BG050300.D
Acq On : 29 Sep 2021 1:07
Operator : CG/JU
Sample : M3755-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

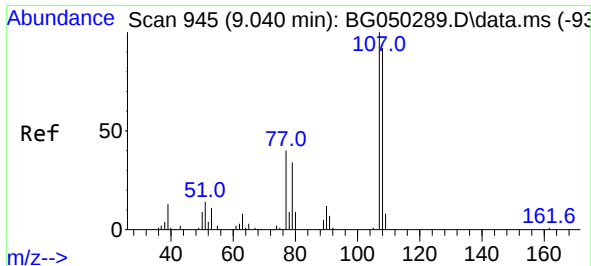
Instrument :
BNA_G
ClientSampleId :
C0AJ3

Manual Integrations
APPROVED

mohammad
9/29/2021 12:53:41 PM

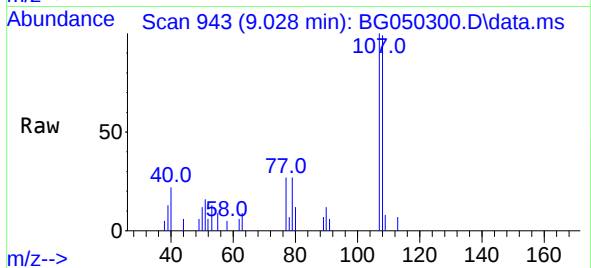
Quant Time: Sep 29 02:14:20 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG092521.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 27 03:10:48 2021
Response via : Initial Calibration





#18
4-Methylphenol
Concen: 2.212 ng/ul
RT: 9.028 min Scan# 943
Delta R.T. -0.020 min
Lab File: BG050300.D
Acq: 29 Sep 2021 1:07

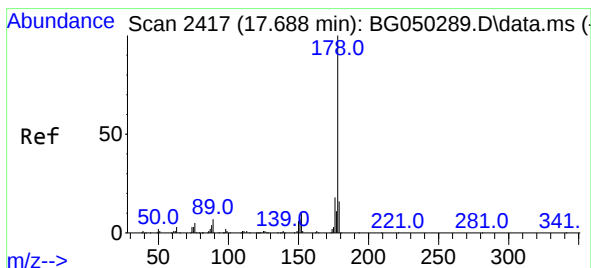
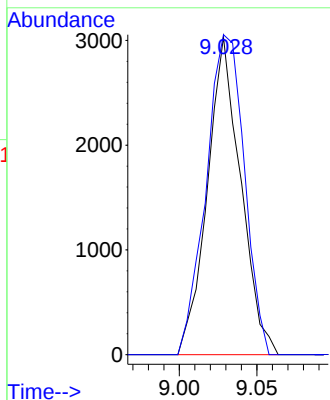
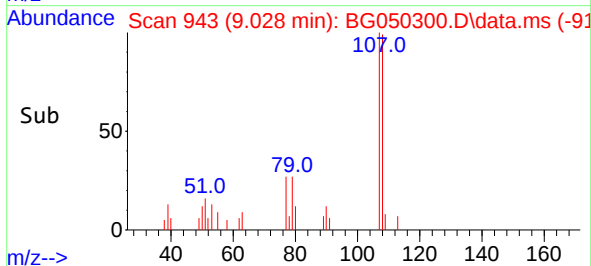
Instrument :
BNA_G
ClientSampled :
C0AJ3



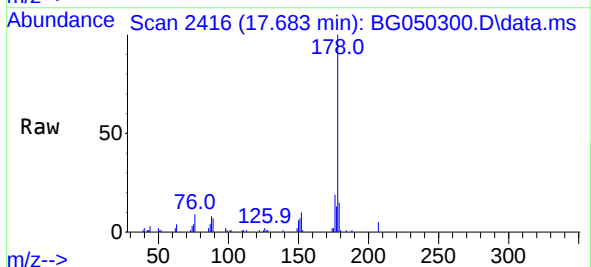
Tgt Ion:108 Resp: 4531
Ion Ratio Lower Upper
108 100
107 100.7 78.3 117.5

Manual Integrations
APPROVED

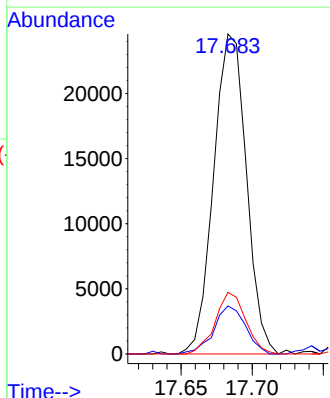
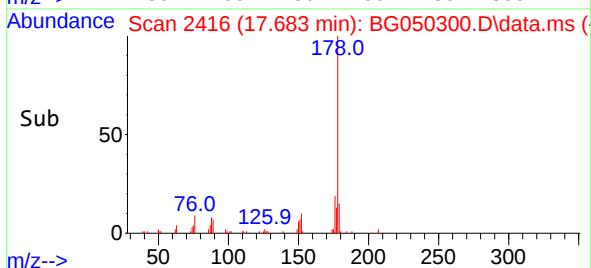
mohammad
9/29/2021 12:53:41 PM

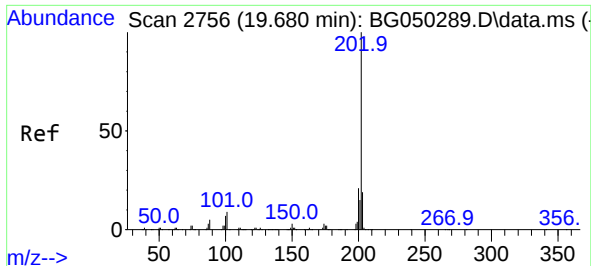


#72
Phenanthrene
Concen: 4.094 ng/ul
RT: 17.683 min Scan# 2416
Delta R.T. -0.009 min
Lab File: BG050300.D
Acq: 29 Sep 2021 1:07



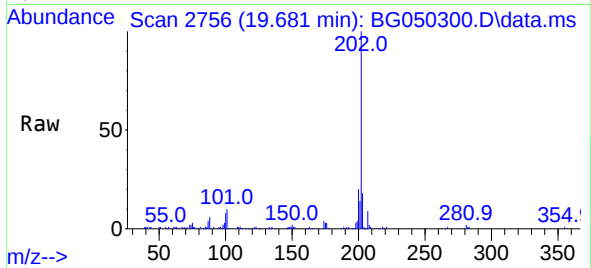
Tgt Ion:178 Resp: 39392
Ion Ratio Lower Upper
178 100
179 15.0 11.7 17.5
176 19.3 16.2 24.2





#80
Fluoranthene
Concen: 6.159 ng/u1
RT: 19.681 min Scan# 2756
Delta R.T. -0.009 min
Lab File: BG050300.D
Acq: 29 Sep 2021 1:07

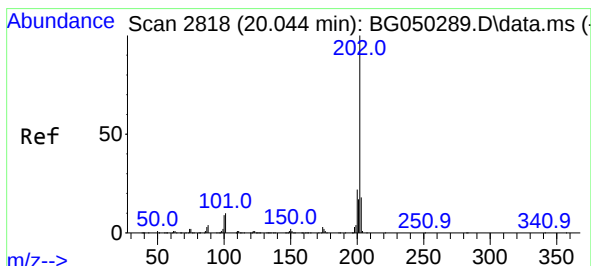
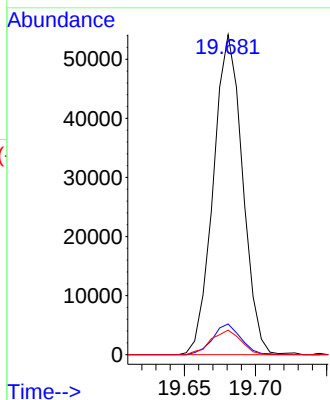
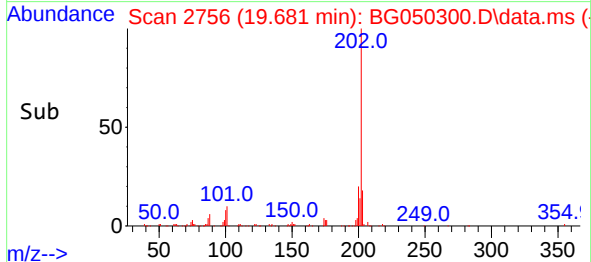
Instrument :
BNA_G
ClientSampled :
C0AJ3



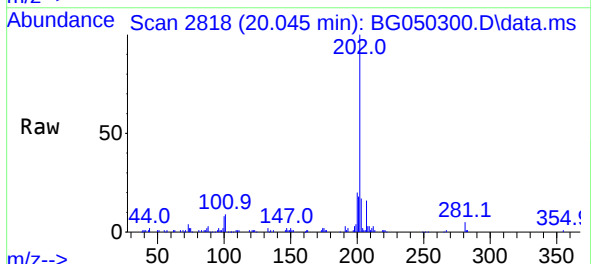
Tgt Ion:202 Resp: 77527
Ion Ratio Lower Upper
202 100
101 9.6 4.3 6.5#
100 7.6 3.5 5.3#

Manual Integrations
APPROVED

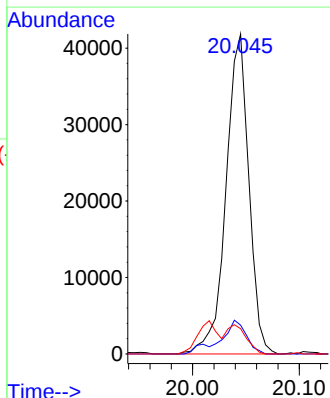
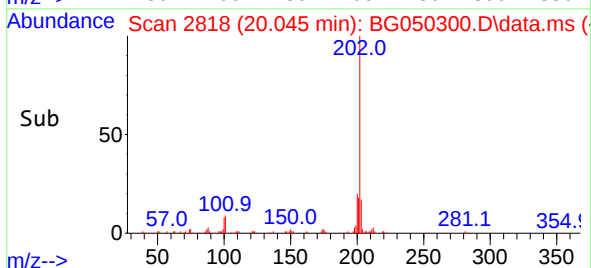
mohammad
9/29/2021 12:53:41 PM

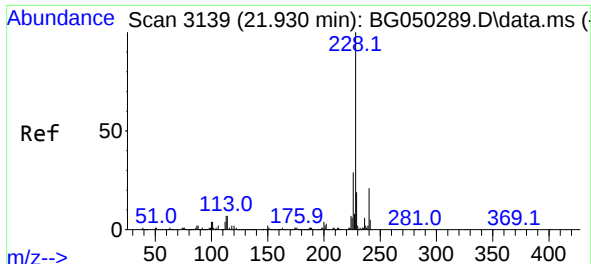


#82
Pyrene
Concen: 5.028 ng/u1
RT: 20.045 min Scan# 2818
Delta R.T. -0.003 min
Lab File: BG050300.D
Acq: 29 Sep 2021 1:07



Tgt Ion:202 Resp: 62234
Ion Ratio Lower Upper
202 100
101 9.0 5.4 8.0#
100 7.9 5.0 7.6#





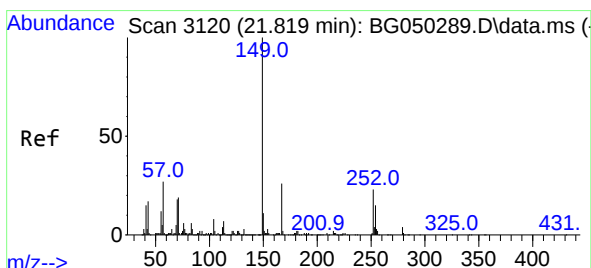
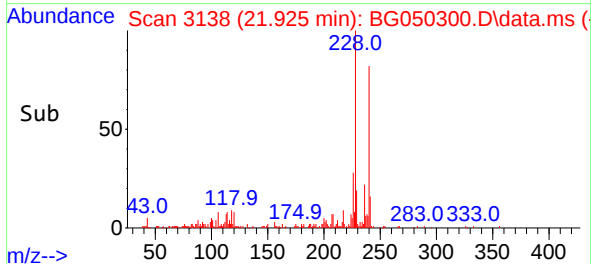
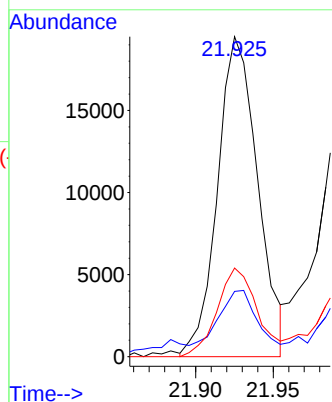
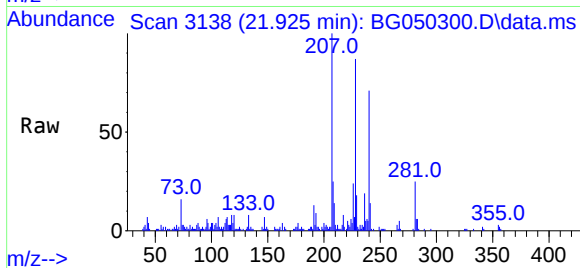
#85
Benzo(a)anthracene
Concen: 3.178 ng/ul
RT: 21.925 min Scan# 3138
Delta R.T. -0.015 min
Lab File: BG050300.D
Acq: 29 Sep 2021 1:07

Tgt Ion:	228	Resp:	35092
Ion Ratio	Lower	Upper	
228	100		
229	20.4	16.2	24.4
226	27.7	21.0	31.4

Instrument :
BNA_G
ClientSampled :
C0AJ3

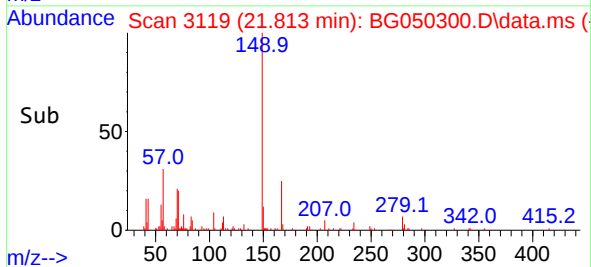
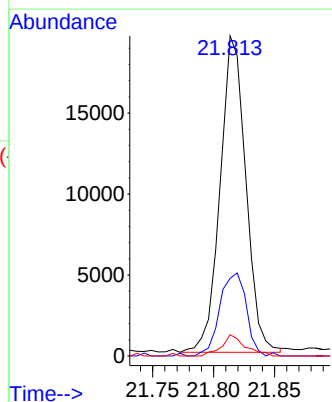
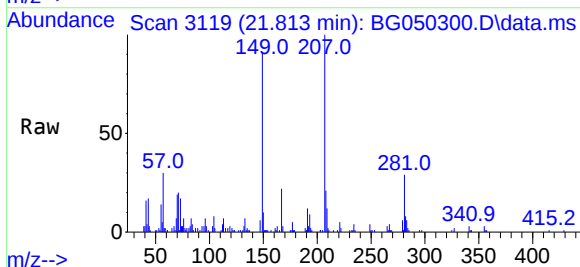
Manual Integrations
APPROVED

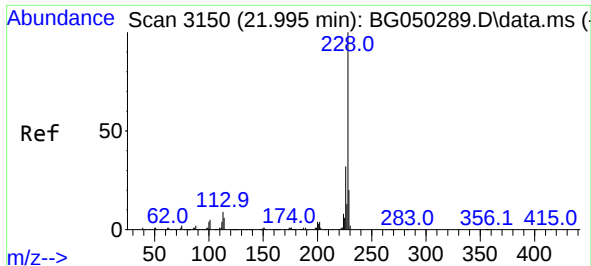
mohammad
9/29/2021 12:53:41 PM



#86
Bis(2-ethylhexyl)phthalate
Concen: 4.819 ng/ul
RT: 21.813 min Scan# 3119
Delta R.T. -0.015 min
Lab File: BG050300.D
Acq: 29 Sep 2021 1:07

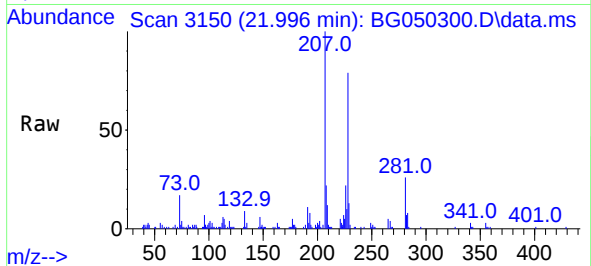
Tgt Ion:	149	Resp:	28686
Ion Ratio	Lower	Upper	
149	100		
167	24.3	20.4	30.6
279	6.6	3.7	5.5#





#87
Chrysene
Concen: 2.982 ng/ul m
RT: 21.996 min Scan# 3150
Delta R.T. -0.015 min
Lab File: BG050300.D
Acq: 29 Sep 2021 1:07

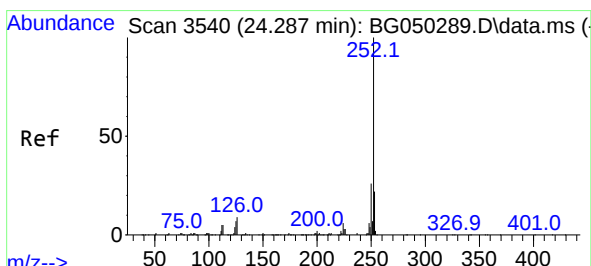
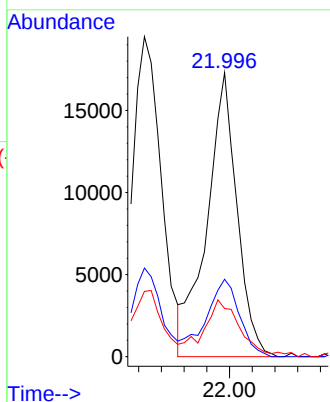
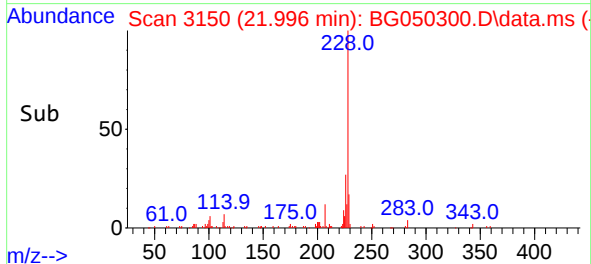
Instrument :
BNA_G
ClientSampled :
C0AJ3



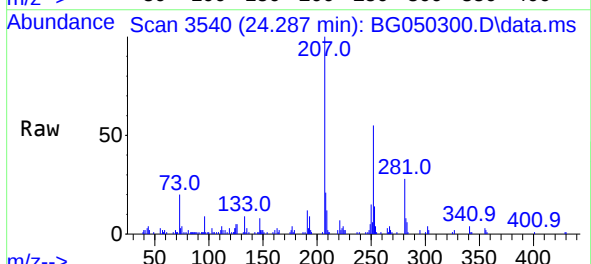
Tgt Ion:228 Resp: 31922
Ion Ratio Lower Upper
228 100
226 27.3 23.0 34.4
229 16.9 17.8 26.6#

Manual Integrations
APPROVED

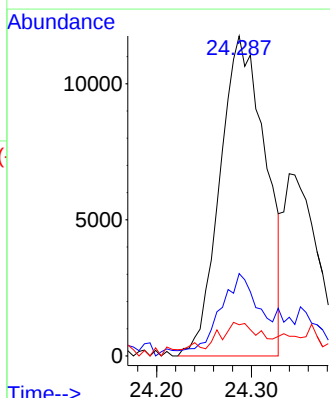
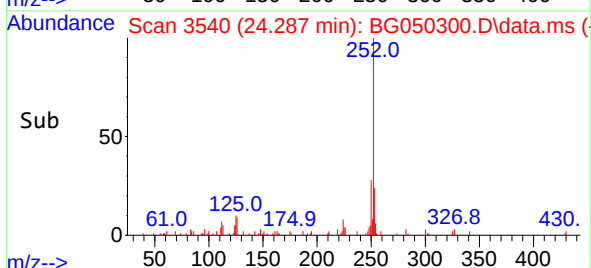
mohammad
9/29/2021 12:53:41 PM

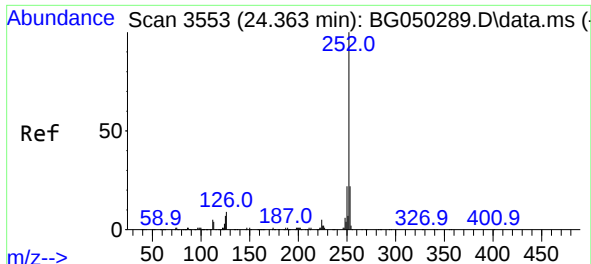


#90
Benzo(b)fluoranthene
Concen: 3.484 ng/ul
RT: 24.287 min Scan# 3540
Delta R.T. -0.015 min
Lab File: BG050300.D
Acq: 29 Sep 2021 1:07



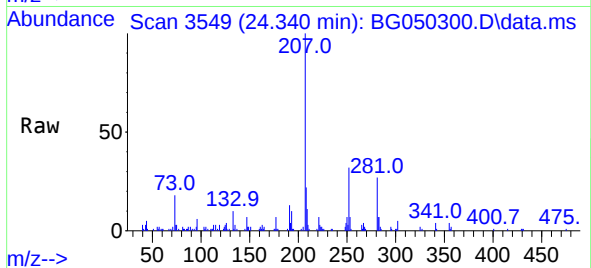
Tgt Ion:252 Resp: 39144
Ion Ratio Lower Upper
252 100
253 25.8 18.1 27.1
125 9.7 3.4 5.0#





#91
Benzo(k)fluoranthene
Concen: 1.516 ng/ul
RT: 24.340 min Scan# 3549
Delta R.T. -0.032 min
Lab File: BG050300.D
Acq: 29 Sep 2021 1:07

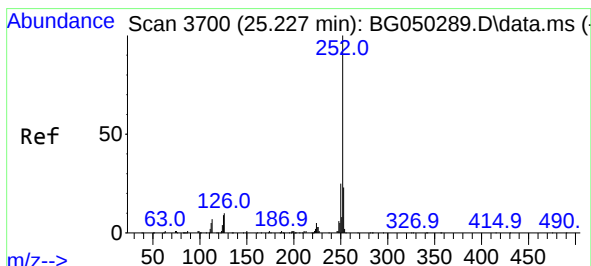
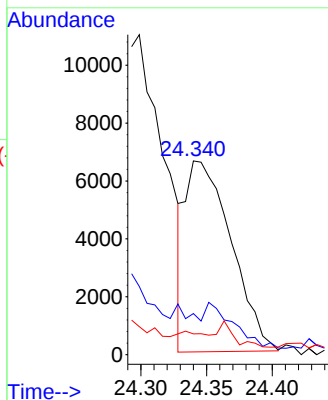
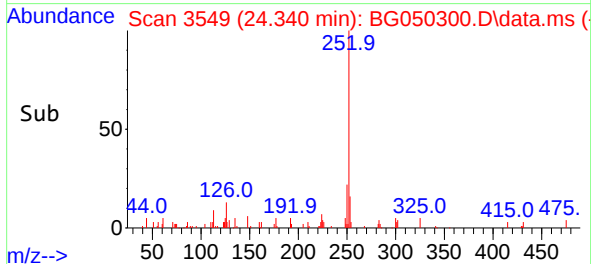
Instrument :
BNA_G
ClientSampled :
C0AJ3



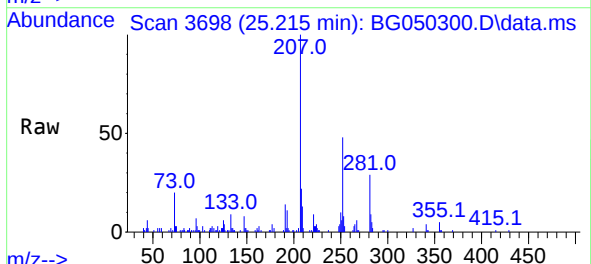
Tgt Ion:252 Resp: 15995
Ion Ratio Lower Upper
252 100
253 21.3 17.7 26.5
125 10.8 4.1 6.1#

Manual Integrations
APPROVED

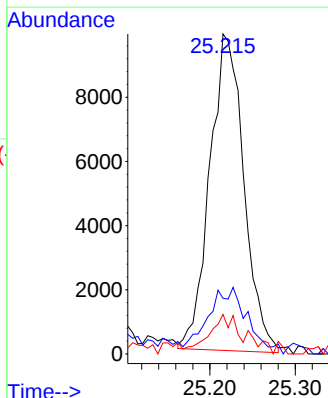
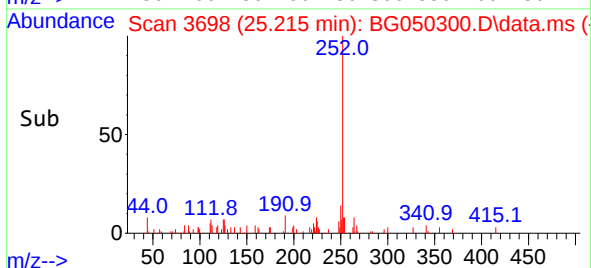
mohammad
9/29/2021 12:53:41 PM

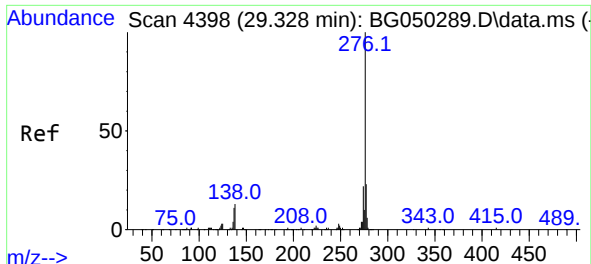


#93
Benzo(a)pyrene
Concen: 2.562 ng/ul
RT: 25.215 min Scan# 3698
Delta R.T. -0.026 min
Lab File: BG050300.D
Acq: 29 Sep 2021 1:07



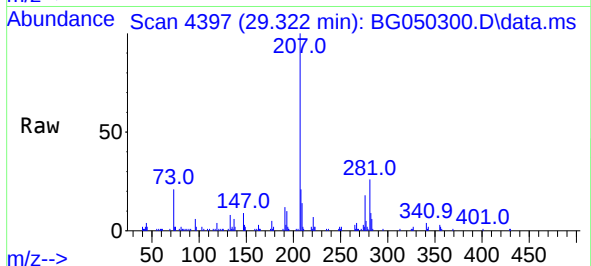
Tgt Ion:252 Resp: 27343
Ion Ratio Lower Upper
252 100
253 17.4 17.0 25.4
125 12.4 4.4 6.6#





#94
Indeno(1,2,3-cd)pyrene
Concen: 1.577 ng/ul m
RT: 29.322 min Scan# 4397
Delta R.T. -0.032 min
Lab File: BG050300.D
Acq: 29 Sep 2021 1:07

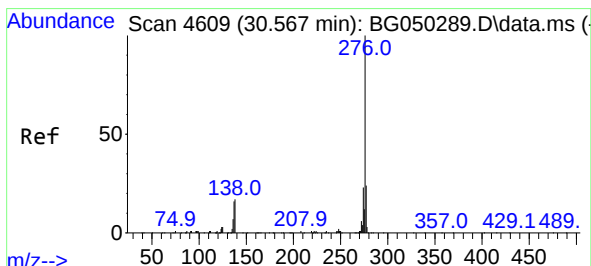
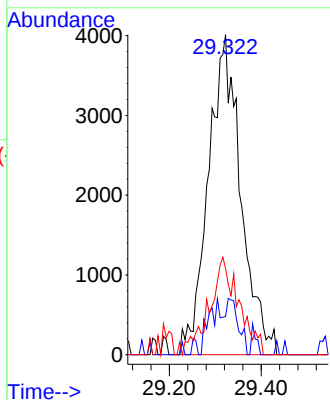
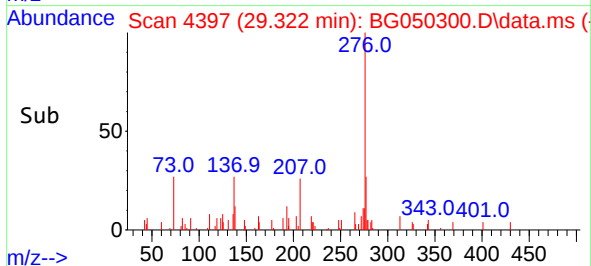
Instrument :
BNA_G
ClientSampled :
C0AJ3



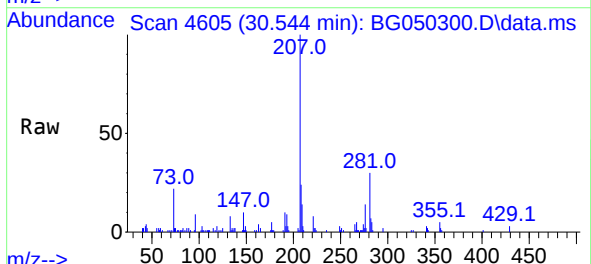
Tgt Ion: 276 Resp: 19666
Ion Ratio Lower Upper
276 100
138 11.9 5.5 8.3#
277 26.9 18.6 27.8

Manual Integrations
APPROVED

mohammad
9/29/2021 12:53:41 PM



#96
Benzo(g,h,i)perylene
Concen: 1.452 ng/ul m
RT: 30.544 min Scan# 4605
Delta R.T. -0.062 min
Lab File: BG050300.D
Acq: 29 Sep 2021 1:07



Tgt Ion: 276 Resp: 15493
Ion Ratio Lower Upper
276 100
138 12.5 8.6 13.0
277 13.2 17.4 26.0#

