

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053024\
 Data File : BG061387.D
 Acq On : 31 May 2024 10:11
 Operator : MA/JU
 Sample : P2570-22
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BH654

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/31/2024
 Supervised By :mohammad ahmed 06/01/2024

Quant Time: May 31 10:50:08 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 30 22:54:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.877	152	32813	20.000	ng/u1	0.00
20) Naphthalene-d8	10.668	136	123883	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.510	164	89206	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.260	188	196774	20.000	ng/u1	0.00
79) Chrysene-d12	21.514	240	207443	20.000	ng/u1	0.00
88) Perylene-d12	24.598	264	238580	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.341	96	2881	4.914	ng/uL	0.00
4) Pyridine-d5	3.746	84	33185	15.909	ng/u1	0.00
7) Phenol-d5	7.060	99	66703	24.754	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.201	67	41894	24.735	ng/u1	0.00
11) 2-Chlorophenol-d4	7.413	132	54888	27.523	ng/u1	0.00
15) 4-Methylphenol-d8	8.594	113	54652	23.786	ng/u1	0.00
21) Nitrobenzene-d5	9.028	128	26833	28.132	ng/u1	0.00
24) 2-Nitrophenol-d4	9.751	143	31988	28.656	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.303	165	61268	28.153	ng/u1	0.00
31) 4-Chloroaniline-d4	10.803	131	62822	22.065	ng/u1	0.00
46) Dimethylphthalate-d6	13.917	166	192142	27.772	ng/u1	0.00
49) Acenaphthylene-d8	14.205	160	215600	29.974	ng/u1	0.00
54) 4-Nitrophenol-d4	14.745	143	19864	23.223	ng/u1	0.00
60) Fluorene-d10	15.503	176	170953	28.620	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.638	200	20345	17.095	ng/u1	0.00
73) Anthracene-d10	17.360	188	269189	31.030	ng/u1	0.00
81) Pyrene-d10	19.651	212	322611	30.289	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.387	264	353033	30.779	ng/u1	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.301	178	27459	2.875	ng/u1	99
80) Fluoranthene	19.316	202	91054	7.126	ng/u1	99
82) Pyrene	19.681	202	84819	6.395	ng/u1	99
83) Butylbenzylphthalate	20.568	149	5668	1.244	ng/u1	99
85) Benzo(a)anthracene	21.490	228	47382	3.310	ng/u1	96
86) Bis(2-ethylhexyl)phtha...	21.408	149	16673	2.472	ng/u1#	95
87) Chrysene	21.555	228	52903	4.014	ng/u1	97
90) Benzo(b)fluoranthene	23.623	252	74262	5.228	ng/u1	99
91) Benzo(k)fluoranthene	23.682	252	23955m	1.661	ng/u1	
93) Benzo(a)pyrene	24.452	252	48990	3.632	ng/u1#	96
94) Indeno(1,2,3-cd)pyrene	28.089	276	37214m	2.281	ng/u1	
96) Benzo(g,h,i)perylene	29.181	276	34762m	2.679	ng/u1	

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

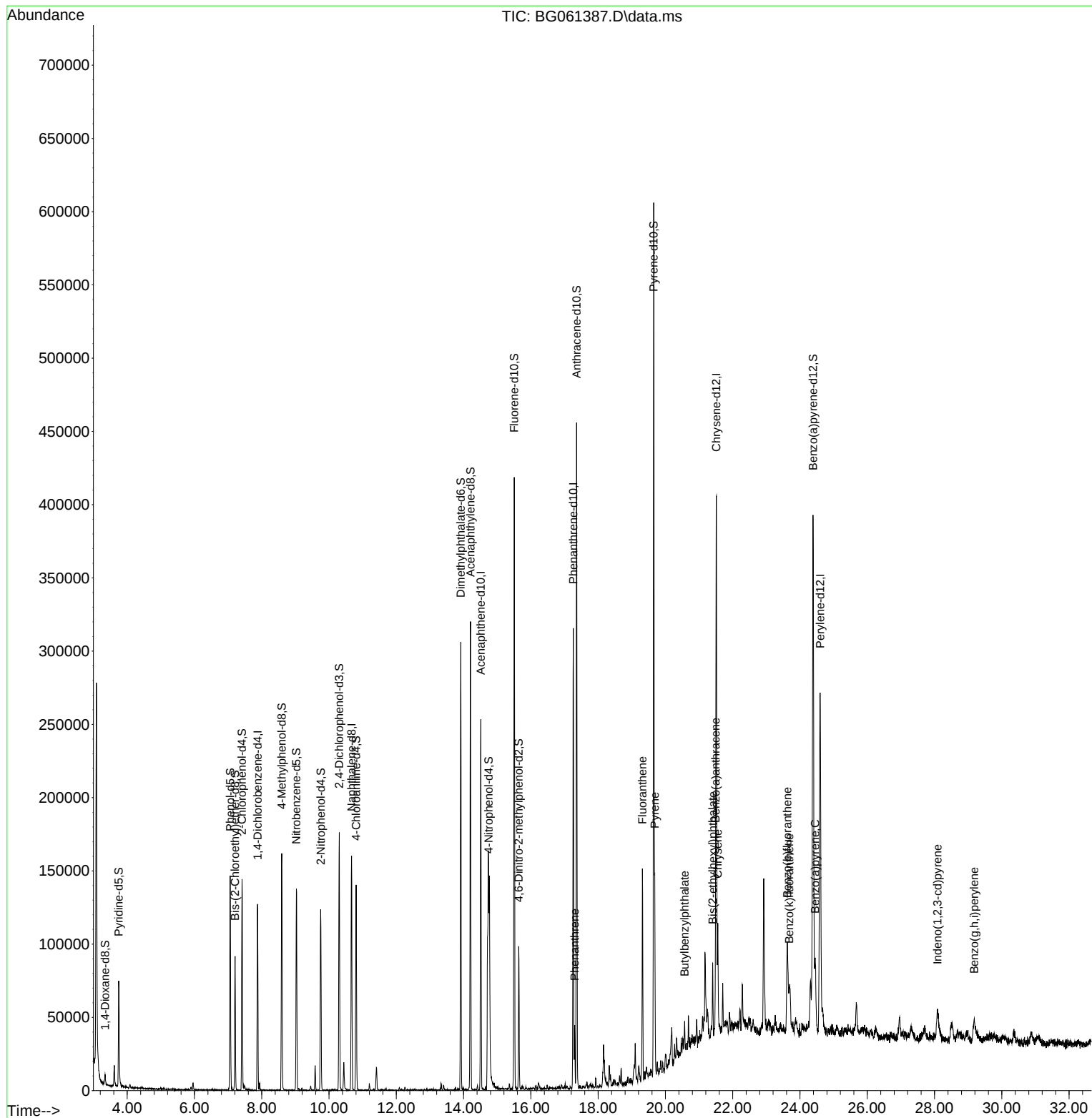
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053024\
 Data File : BG061387.D
 Acq On : 31 May 2024 10:11
 Operator : MA/JU
 Sample : P2570-22
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

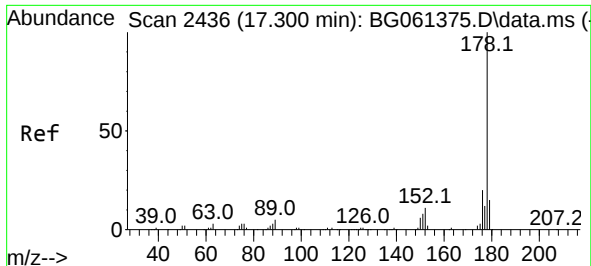
Instrument :
 BNA_G
 ClientSampleId :
 BH654

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/31/2024
 Supervised By :mohammad ahmed 06/01/2024

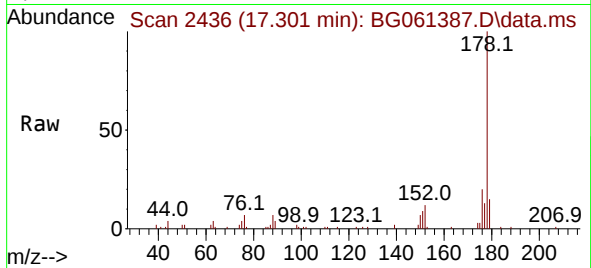
Quant Time: May 31 10:50:08 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 30 22:54:48 2024
 Response via : Initial Calibration





#72
Phenanthrene
Concen: 2.875 ng/ul
RT: 17.301 min Scan# 2436
Delta R.T. 0.002 min
Lab File: BG061387.D
Acq: 31 May 2024 10:11

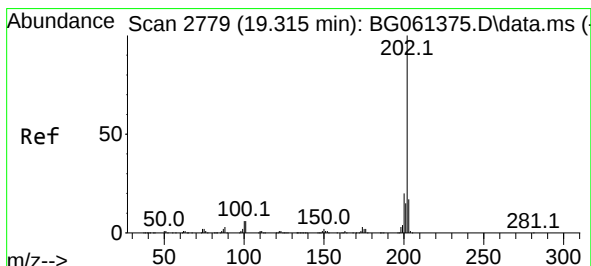
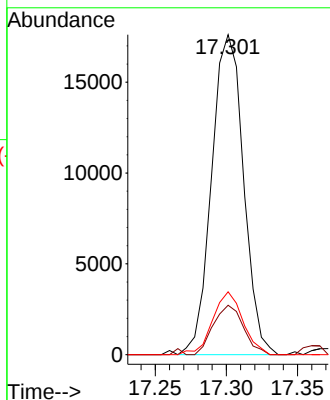
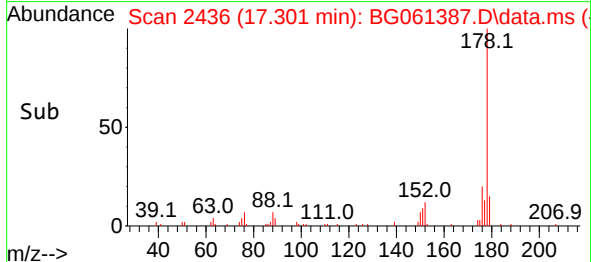
Instrument :
BNA_G
ClientSampleId :
BH654



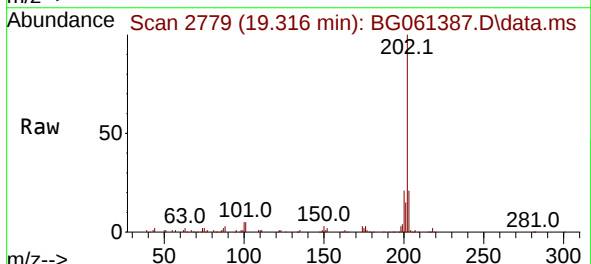
Tgt Ion:178 Resp: 27459
Ion Ratio Lower Upper
178 100
179 15.5 12.7 19.1
176 19.6 15.5 23.3

Manual Integrations
APPROVED

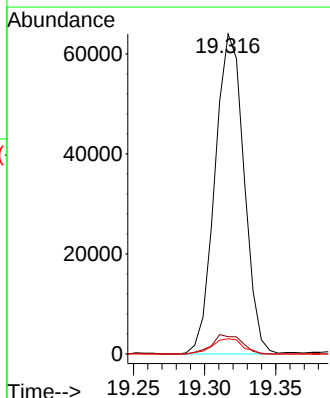
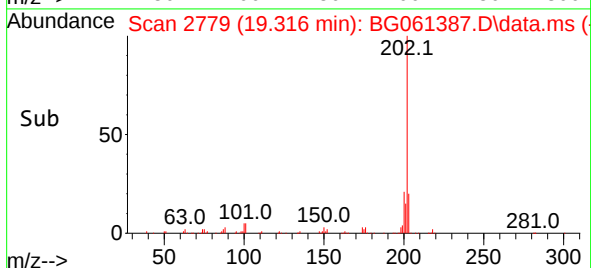
Reviewed By :Jagrut Upadhyay 05/31/2024
Supervised By :mohammad ahmed 06/01/2024

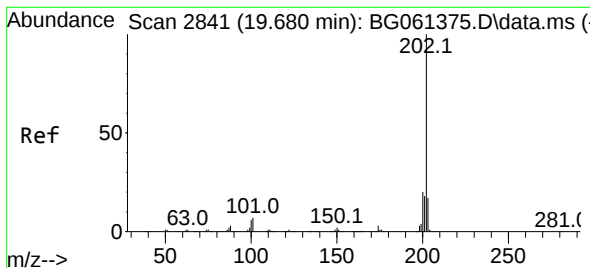


#80
Fluoranthene
Concen: 7.126 ng/ul
RT: 19.316 min Scan# 2779
Delta R.T. 0.002 min
Lab File: BG061387.D
Acq: 31 May 2024 10:11



Tgt Ion:202 Resp: 91054
Ion Ratio Lower Upper
202 100
101 5.4 4.8 7.2
100 4.8 4.1 6.1





#82

Pyrene

Concen: 6.395 ng/ul

RT: 19.681 min Scan# 2841

Delta R.T. 0.002 min

Lab File: BG061387.D

Acq: 31 May 2024 10:11

Instrument :

BNA_G

ClientSampleId :

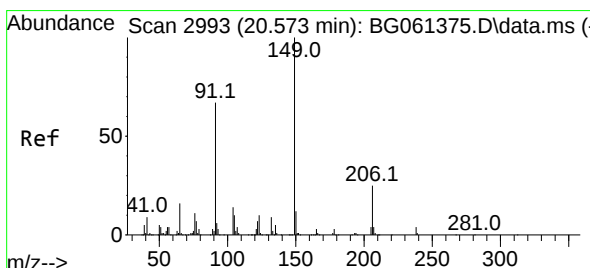
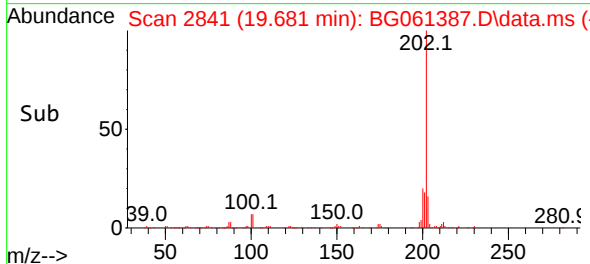
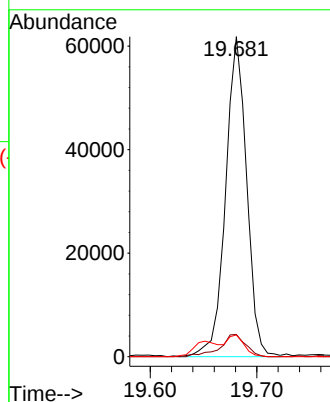
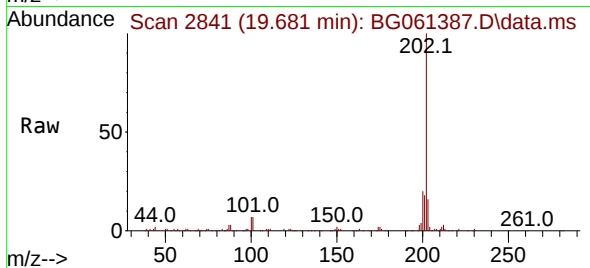
BH654

Tgt Ion:	202	Resp:	84819
Ion Ratio	Lower	Upper	
202	100		
101	7.0	5.7	8.5
100	6.8	5.1	7.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/31/2024
Supervised By :mohammad ahmed 06/01/2024



#83

Butylbenzylphthalate

Concen: 1.244 ng/ul

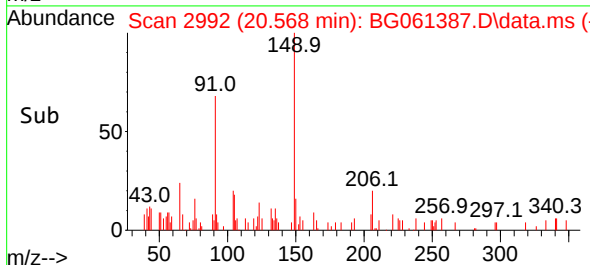
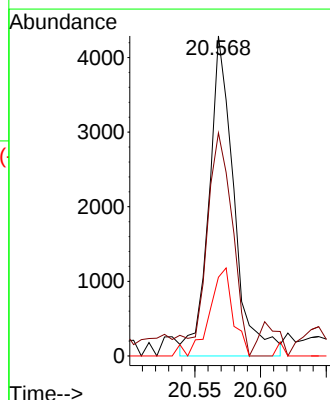
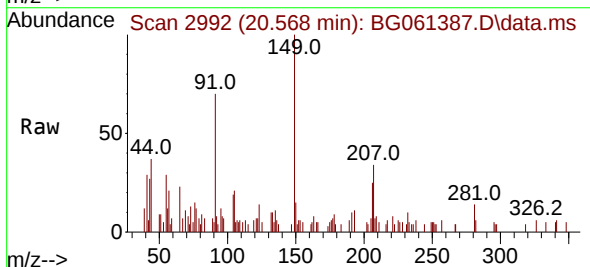
RT: 20.568 min Scan# 2992

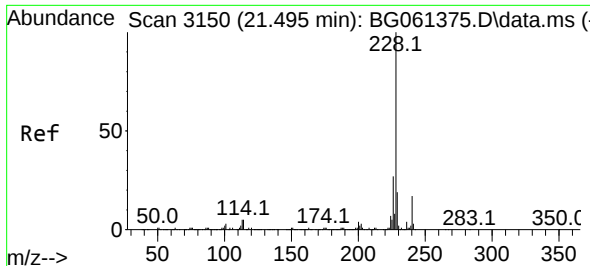
Delta R.T. -0.004 min

Lab File: BG061387.D

Acq: 31 May 2024 10:11

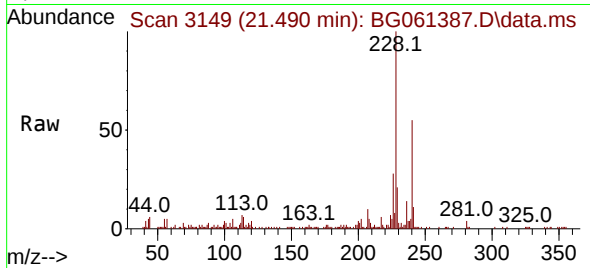
Tgt Ion:	149	Resp:	5668
Ion Ratio	Lower	Upper	
149	100		
91	69.7	54.8	82.2
206	24.6	19.4	29.0





#85
Benzo(a)anthracene
Concen: 3.310 ng/ul
RT: 21.490 min Scan# 3150
Delta R.T. -0.004 min
Lab File: BG061387.D
Acq: 31 May 2024 10:11

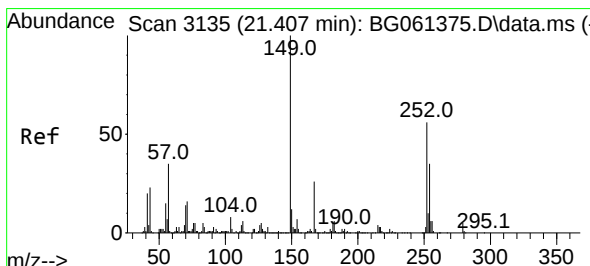
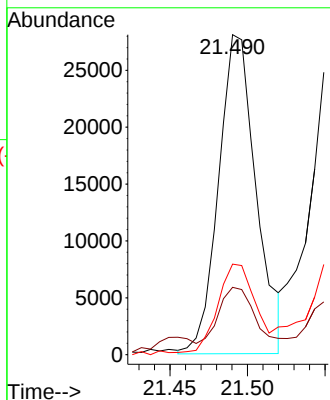
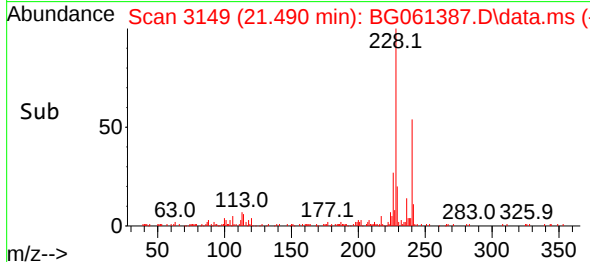
Instrument :
BNA_G
ClientSampleId :
BH654



Tgt Ion:228 Resp: 47382
Ion Ratio Lower Upper
228 100
229 21.1 15.2 22.8
226 28.3 21.4 32.2

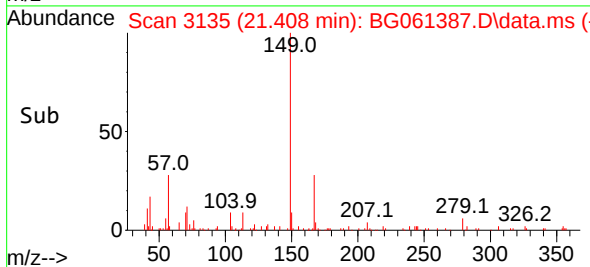
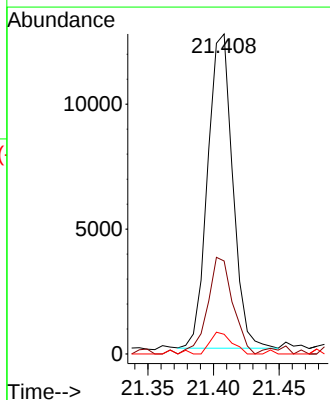
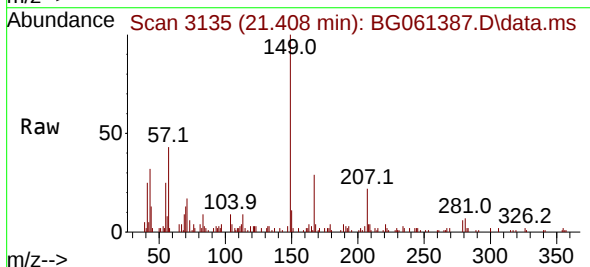
Manual Integrations
APPROVED

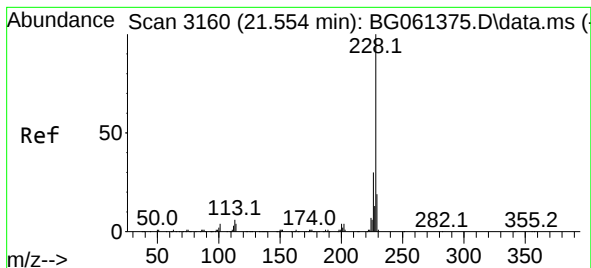
Reviewed By :Jagrut Upadhyay 05/31/2024
Supervised By :mohammad ahmed 06/01/2024



#86
Bis(2-ethylhexyl)phthalate
Concen: 2.472 ng/ul
RT: 21.408 min Scan# 3135
Delta R.T. 0.002 min
Lab File: BG061387.D
Acq: 31 May 2024 10:11

Tgt Ion:149 Resp: 16673
Ion Ratio Lower Upper
149 100
167 29.1 21.1 31.7
279 6.1 3.3 4.9#





#87

Chrysene

Concen: 4.014 ng/ul

RT: 21.555 min Scan# 3160

Delta R.T. 0.002 min

Lab File: BG061387.D

Acq: 31 May 2024 10:11

Instrument :

BNA_G

ClientSampleId :

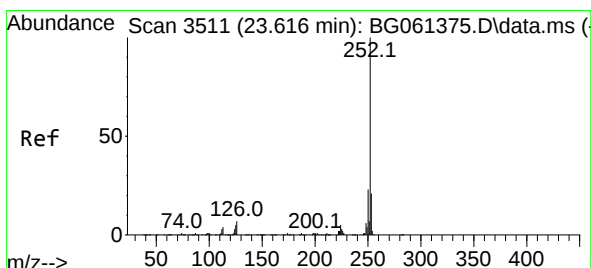
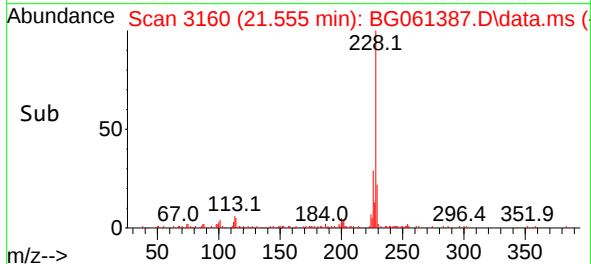
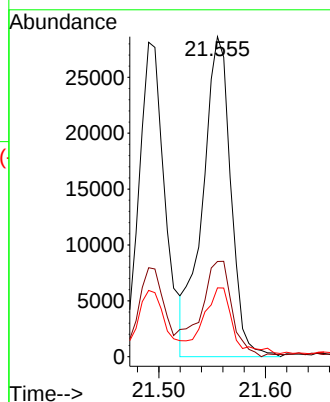
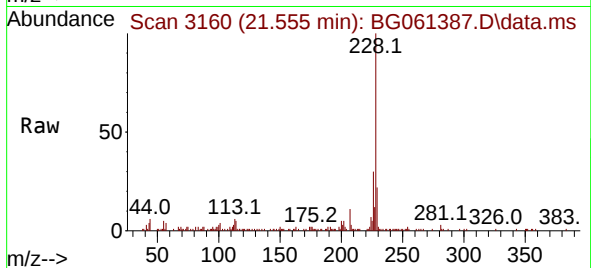
BH654

Tgt Ion:	228	Resp:	5290
Ion Ratio	Lower	Upper	
228	100		
226	29.7	23.4	35.0
229	21.5	15.4	23.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/31/2024
Supervised By :mohammad ahmed 06/01/2024



#90

Benzo(b)fluoranthene

Concen: 5.228 ng/ul

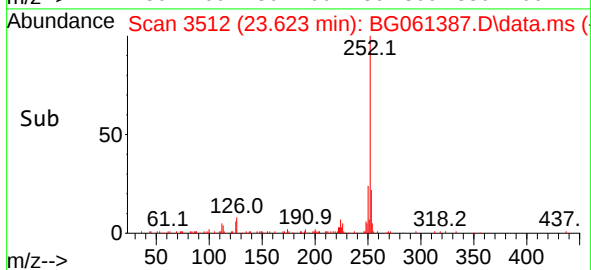
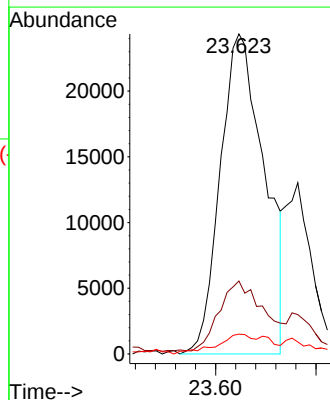
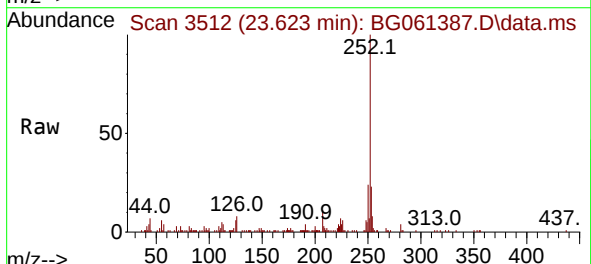
RT: 23.623 min Scan# 3512

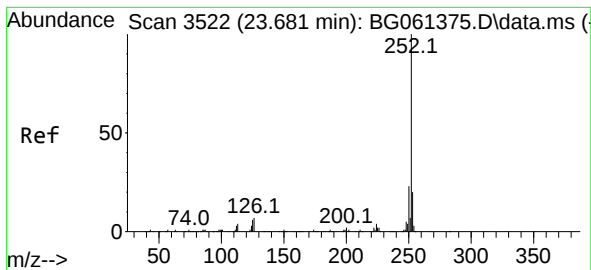
Delta R.T. 0.008 min

Lab File: BG061387.D

Acq: 31 May 2024 10:11

Tgt Ion:	252	Resp:	74262
Ion Ratio	Lower	Upper	
252	100		
253	22.8	17.8	26.8
125	6.2	4.6	6.8





#91

Benzo(k)fluoranthene

Concen: 1.661 ng/ul m

RT: 23.682 min Scan# 3

Delta R.T. 0.002 min

Lab File: BG061387.D

Acq: 31 May 2024 10:11

Instrument :

BNA_G

ClientSampleId :

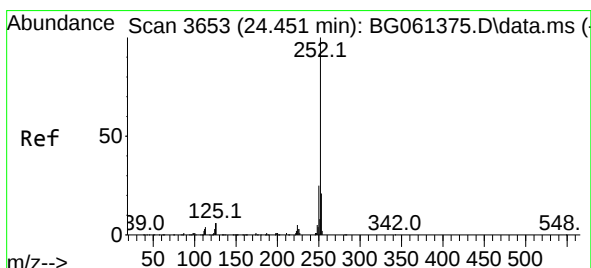
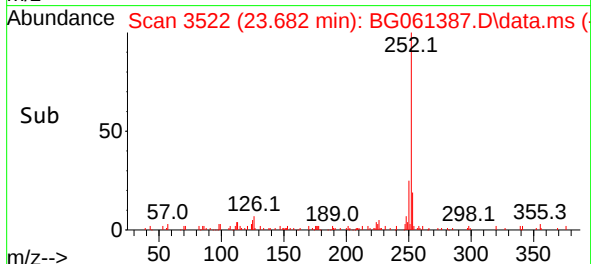
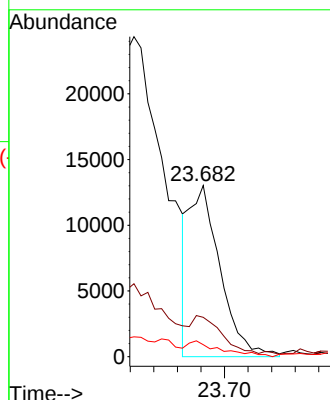
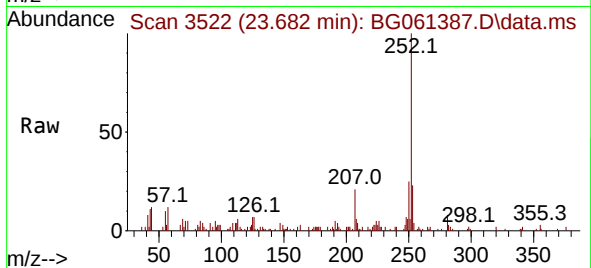
BH654

Tgt Ion:	252	Resp:	2395
Ion Ratio	Lower	Upper	
252	100		
253	23.0	16.0	24.0
125	7.0	4.3	6.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/31/2024
Supervised By :mohammad ahmed 06/01/2024



#93

Benzo(a)pyrene

Concen: 3.632 ng/ul

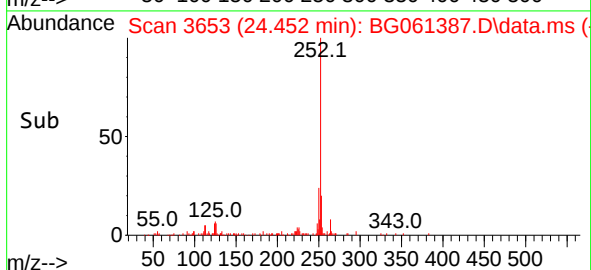
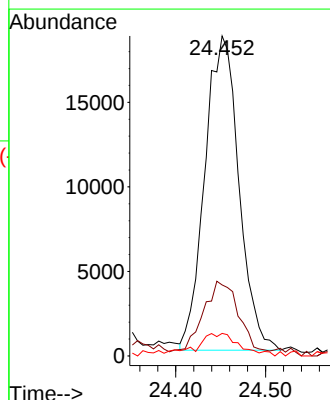
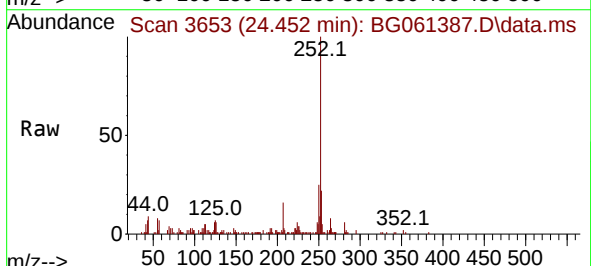
RT: 24.452 min Scan# 3653

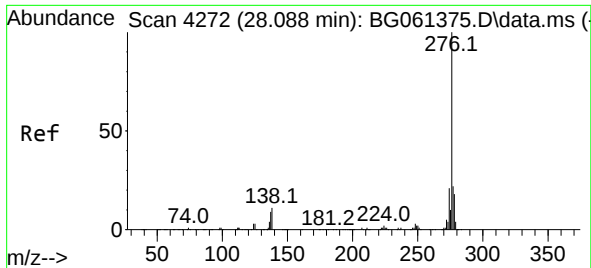
Delta R.T. 0.002 min

Lab File: BG061387.D

Acq: 31 May 2024 10:11

Tgt Ion:	252	Resp:	48990
Ion Ratio	Lower	Upper	
252	100		
253	22.2	16.4	24.6
125	7.0	4.3	6.5





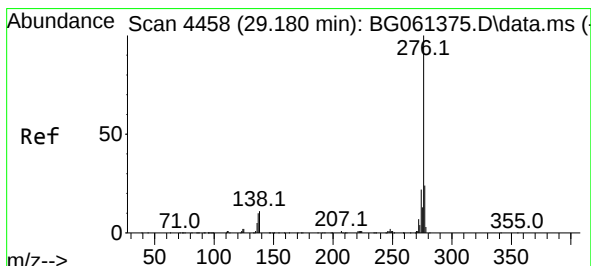
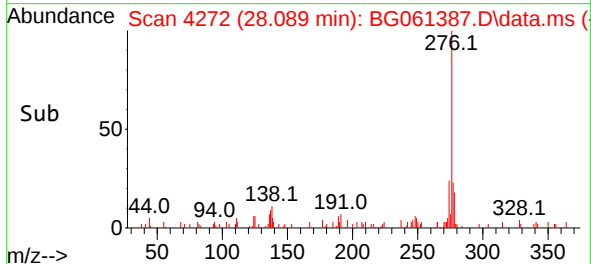
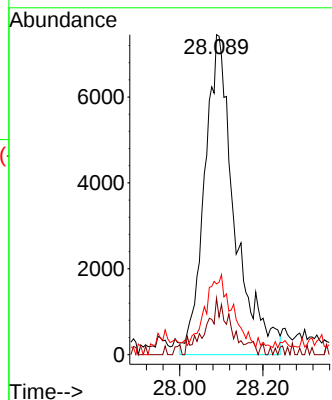
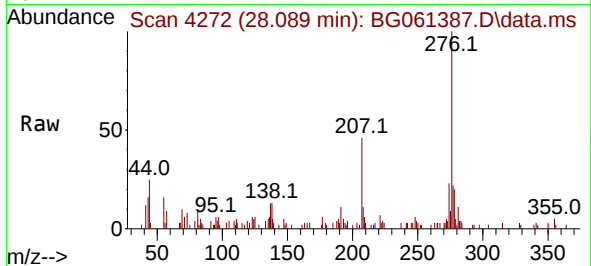
#94
Indeno(1,2,3-cd)pyrene
Concen: 2.281 ng/ul m
RT: 28.089 min Scan# 4272
Delta R.T. -0.004 min
Lab File: BG061387.D
Acq: 31 May 2024 10:11

Instrument :
BNA_G
ClientSampleId :
BH654

Tgt Ion:276 Resp: 37214
Ion Ratio Lower Upper
276 100
138 12.6 8.6 13.0
277 22.1 19.7 29.5

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 05/31/2024
Supervised By :mohammad ahmed 06/01/2024



#96
Benzo(g,h,i)perylene
Concen: 2.679 ng/ul m
RT: 29.181 min Scan# 4458
Delta R.T. 0.008 min
Lab File: BG061387.D
Acq: 31 May 2024 10:11

Tgt Ion:276 Resp: 34762
Ion Ratio Lower Upper
276 100
138 10.6 8.7 13.1
277 31.1 18.2 27.2#

