

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053024\
 Data File : BG061377.D
 Acq On : 31 May 2024 3:25
 Operator : MA/JU
 Sample : P2570-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BH6A9

Manual Integrations
 APPROVED

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

Quant Time: May 31 04:27:54 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	7.872	152	29829	20.000	ng/u1	0.00
20) Naphthalene-d8	10.663	136	117817	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.506	164	87399	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.255	188	195052	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.509	240	203410	20.000	ng/u1	0.00
88) Perylene-d12	24.594	264	227350	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.336	96	3125	5.863	ng/uL	0.00
4) Pyridine-d5	3.742	84	40201	21.200	ng/u1	0.00
7) Phenol-d5	7.056	99	72190	29.470	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.202	67	42305	27.477	ng/u1	0.00
11) 2-Chlorophenol-d4	7.414	132	55787	30.773	ng/u1	0.00
15) 4-Methylphenol-d8	8.589	113	57143	27.358	ng/u1	0.00
21) Nitrobenzene-d5	9.030	128	29042	32.016	ng/u1	0.00
24) 2-Nitrophenol-d4	9.752	143	34743	32.726	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.299	165	68421	33.059	ng/u1	0.00
31) 4-Chloroaniline-d4	10.804	131	63850	23.581	ng/u1	0.00
46) Dimethylphthalate-d6	13.912	166	219296	32.352	ng/u1	0.00
49) Acenaphthylene-d8	14.200	160	242806	34.454	ng/u1	0.00
54) 4-Nitrophenol-d4	14.741	143	21460	25.607	ng/u1	0.00
60) Fluorene-d10	15.504	176	195072	33.333	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.640	200	29742	25.211	ng/u1	0.00
73) Anthracene-d10	17.355	188	316869	36.848	ng/u1	0.00
81) Pyrene-d10	19.647	212	377649	36.159	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.382	264	407439	37.277	ng/u1	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.296	178	50561	5.341	ng/u1	99
80) Fluoranthene	19.312	202	133302	10.639	ng/u1	99
82) Pyrene	19.676	202	129051	9.923	ng/u1	99
83) Butylbenzylphthalate	20.569	149	6172	1.381	ng/u1	95
85) Benzo(a)anthracene	21.492	228	88519	6.307	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.403	149	94045	14.221	ng/u1	98
87) Chrysene	21.550	228	88873m	6.877	ng/u1	
90) Benzo(b)fluoranthene	23.613	252	131349	9.703	ng/u1	99
91) Benzo(k)fluoranthene	23.671	252	44476m	3.237	ng/u1	
93) Benzo(a)pyrene	24.447	252	90623	7.050	ng/u1#	94
94) Indeno(1,2,3-cd)pyrene	28.084	276	69346	4.461	ng/u1#	93
95) Dibenzo(a,h)anthracene	28.113	278	20711m	1.616	ng/u1	
96) Benzo(g,h,i)perylene	29.171	276	67561m	5.464	ng/u1	

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

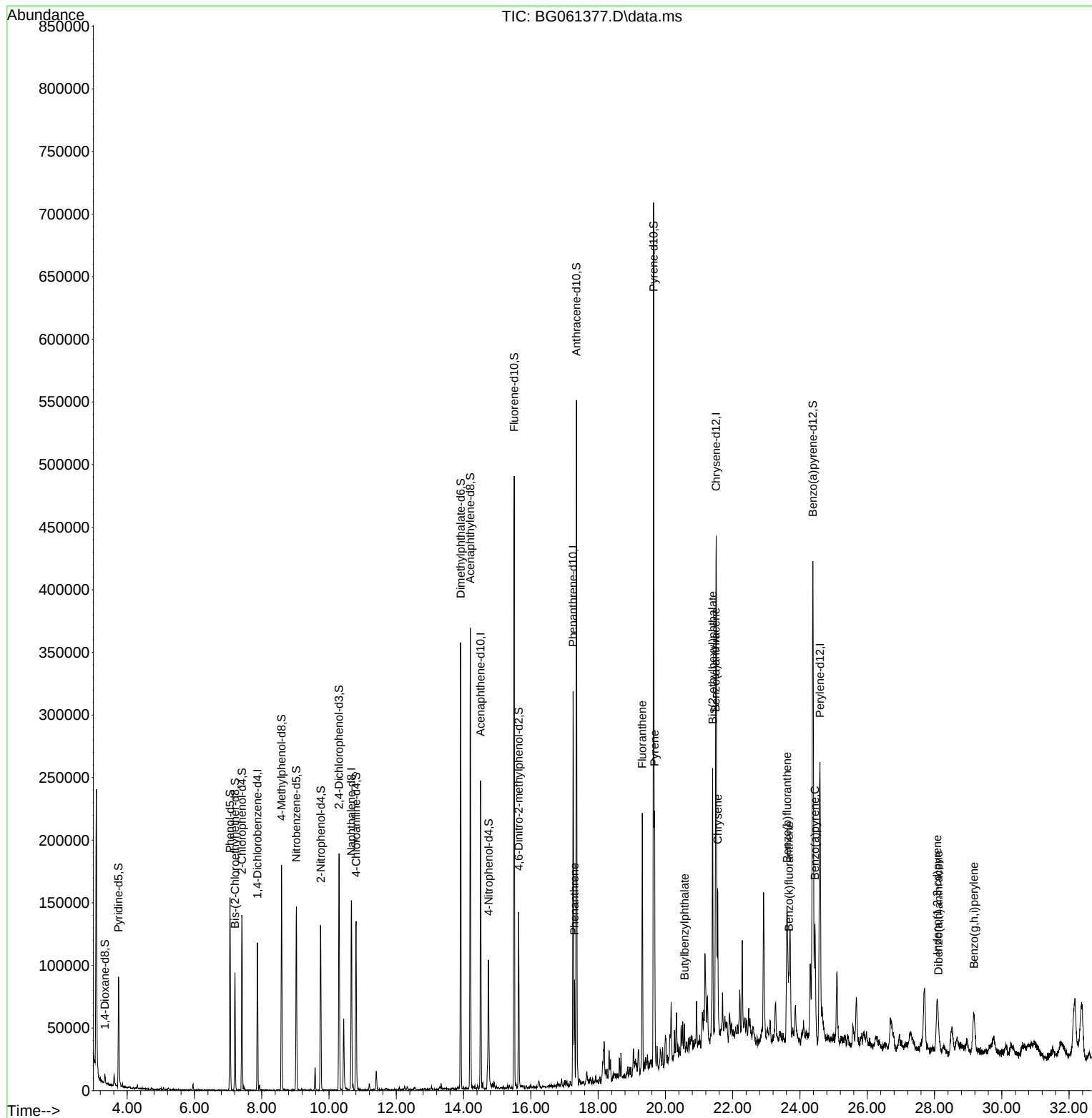
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053024\
 Data File : BG061377.D
 Acq On : 31 May 2024 3:25
 Operator : MA/JU
 Sample : P2570-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

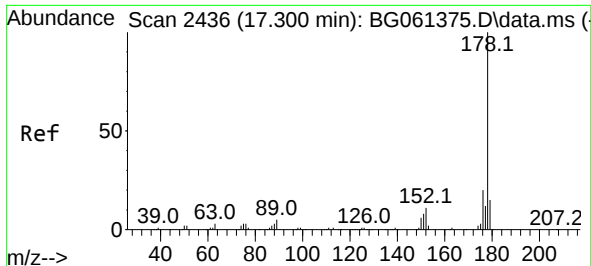
Instrument :
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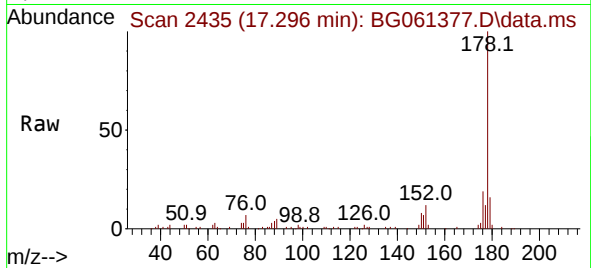
Quant Time: May 31 04:27:54 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
 Quant Title : SVOA CALIBRATION
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#72
Phenanthrene
Concen: 5.341 ng/ul
RT: 17.296 min Scan# 2436
Delta R.T. -0.003 min
Lab File: BG061377.D
Acq: 31 May 2024 3:25

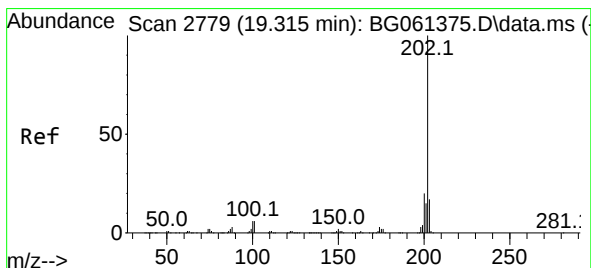
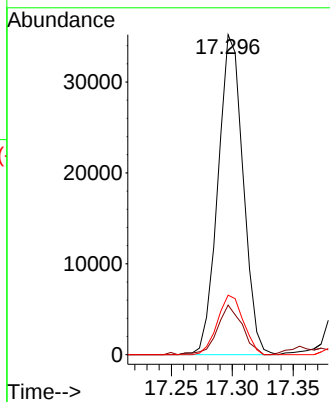
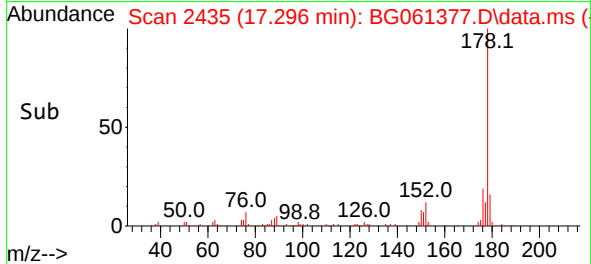
Instrument :
BNA_G
ClientSampleId :
BH6A9



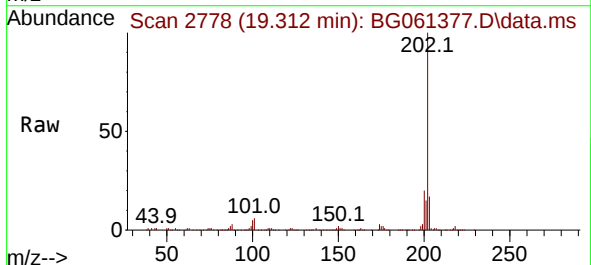
Tgt Ion:178 Resp: 5056
Ion Ratio Lower Upper
178 100
179 15.5 12.7 19.1
176 18.6 15.5 23.3

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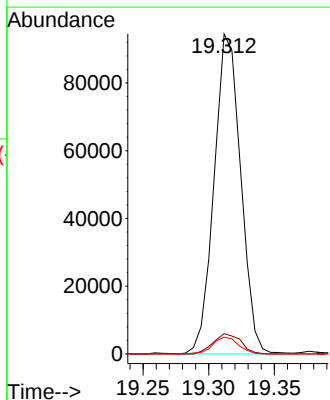
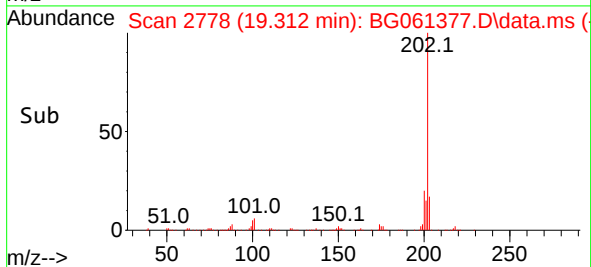
Reviewed By :Jagrut Upadhyay 05/31/2024
Supervised By :mohammad ahmed 06/01/2024

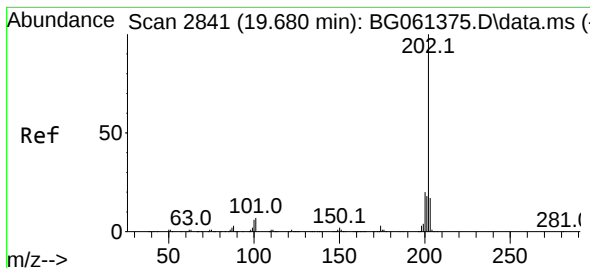


#80
Fluoranthene
Concen: 10.639 ng/ul
RT: 19.312 min Scan# 2778
Delta R.T. -0.003 min
Lab File: BG061377.D
Acq: 31 May 2024 3:25



Tgt Ion:202 Resp: 133302
Ion Ratio Lower Upper
202 100
101 6.3 4.8 7.2
100 5.2 4.1 6.1





#82

Pyrene

Concen: 9.923 ng/ul

RT: 19.676 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG061377.D

Acq: 31 May 2024 3:25

Instrument :

BNA_G

ClientSampleId :

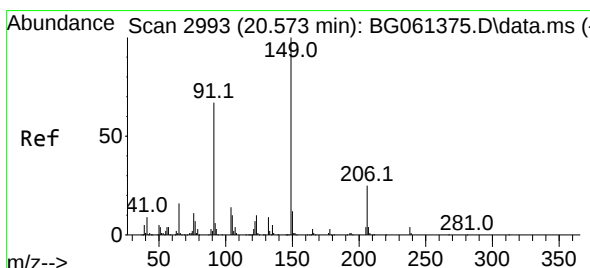
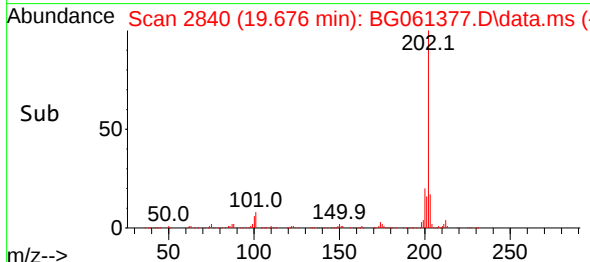
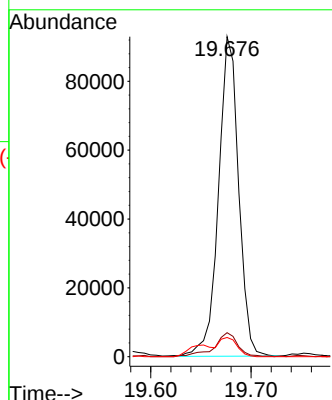
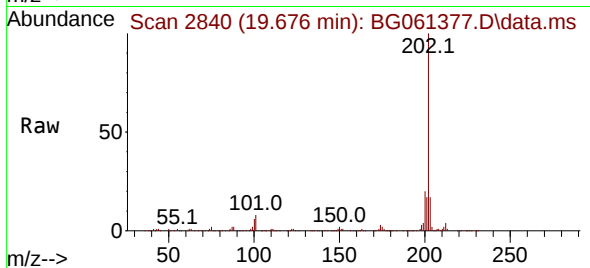
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Tgt Ion:202 Resp: 12905
 Ion Ratio Lower Upper
 202 100
 101 7.5 5.7 8.5
 100 6.0 5.1 7.7

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#83

Butylbenzylphthalate

Concen: 1.381 ng/ul

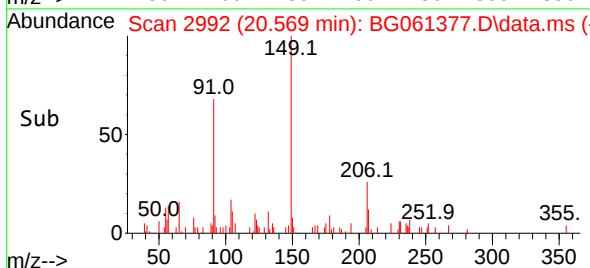
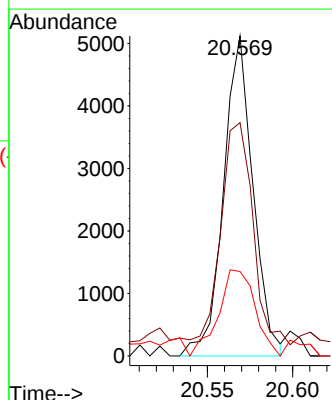
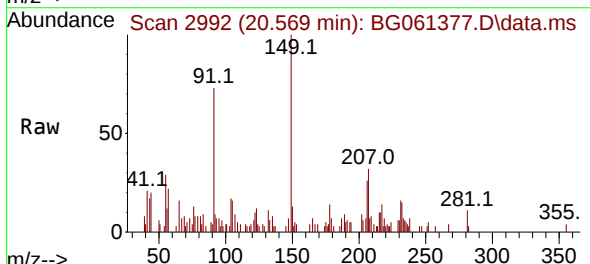
RT: 20.569 min Scan# 2992

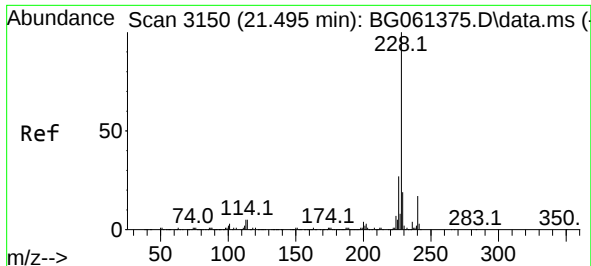
Delta R.T. -0.003 min

Lab File: BG061377.D

Acq: 31 May 2024 3:25

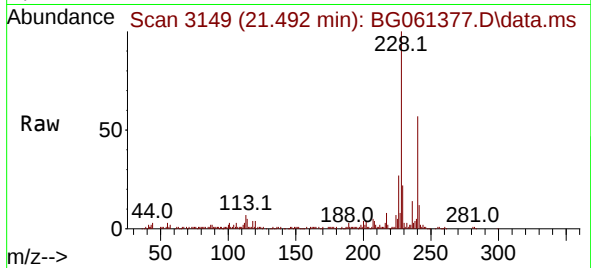
Tgt Ion:149 Resp: 6172
 Ion Ratio Lower Upper
 149 100
 91 72.9 54.8 82.2
 206 26.4 19.4 29.0





#85
Benzo(a)anthracene
Concen: 6.307 ng/ul
RT: 21.492 min Scan# 3149
Delta R.T. -0.003 min
Lab File: BG061377.D
Acq: 31 May 2024 3:25

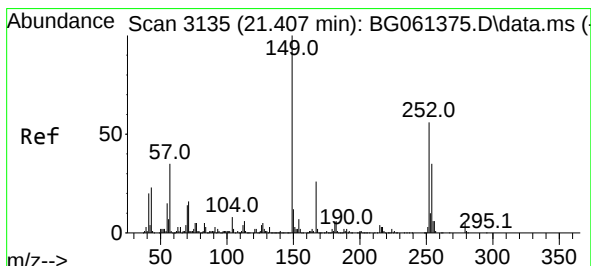
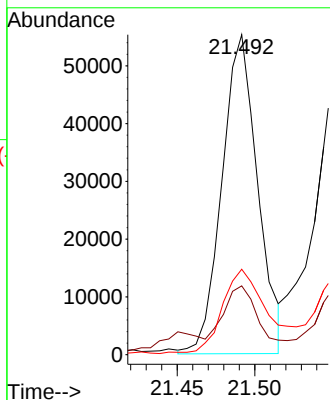
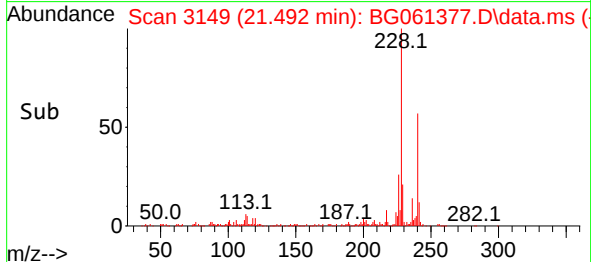
Instrument :
BNA_G
ClientSampleId :
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Tgt Ion:228 Resp: 88519
Ion Ratio Lower Upper
228 100
229 21.5 15.2 22.8
226 26.7 21.4 32.2

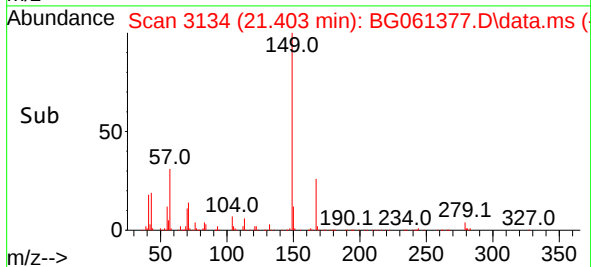
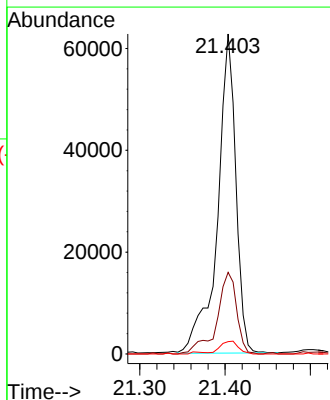
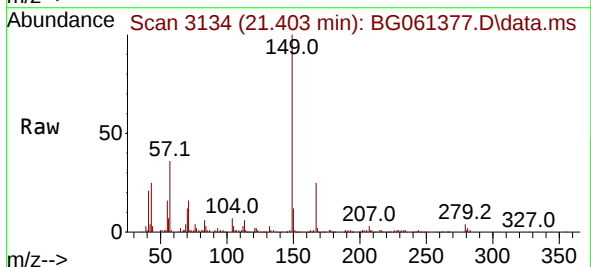
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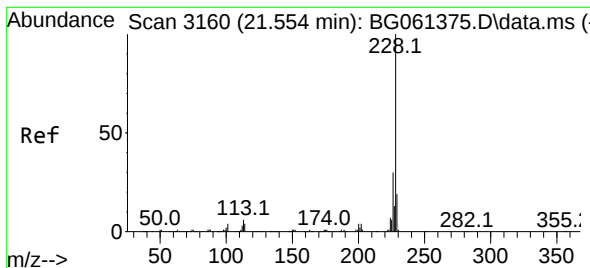
Reviewed By :Jagrut Upadhyay 05/31/2024
Supervised By :mohammad ahmed 06/01/2024



#86
Bis(2-ethylhexyl)phthalate
Concen: 14.221 ng/ul
RT: 21.403 min Scan# 3134
Delta R.T. -0.003 min
Lab File: BG061377.D
Acq: 31 May 2024 3:25

Tgt Ion:149 Resp: 94045
Ion Ratio Lower Upper
149 100
167 25.5 21.1 31.7
279 3.8 3.3 4.9





#87

Chrysene

Concen: 6.877 ng/ul m

RT: 21.550 min Scan# 3160

Delta R.T. -0.003 min

Lab File: BG061377.D

Acq: 31 May 2024 3:25

Instrument :

BNA_G

ClientSampleId :

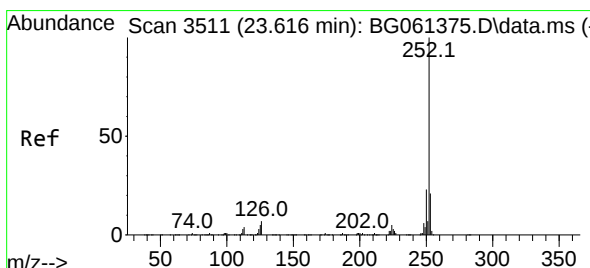
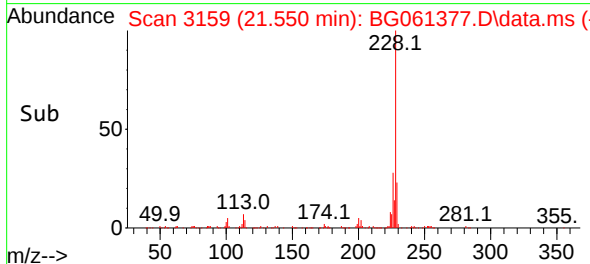
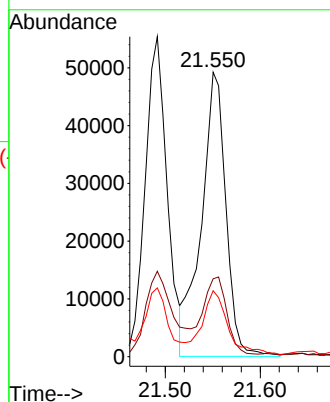
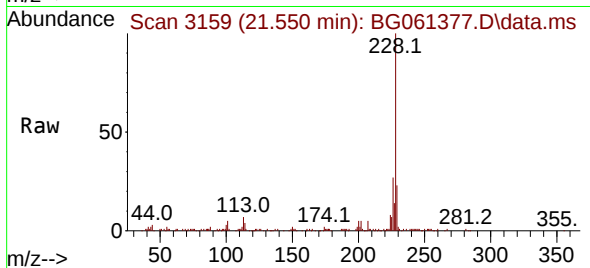
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Tgt Ion:	228	Resp:	8887
Ion Ratio	Lower	Upper	
228	100		
226	27.4	23.4	35.0
229	23.2	15.4	23.2

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#90

Benzo(b)fluoranthene

Concen: 9.703 ng/ul

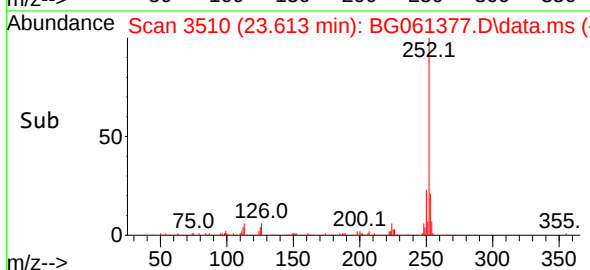
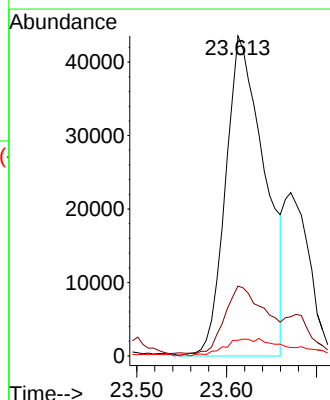
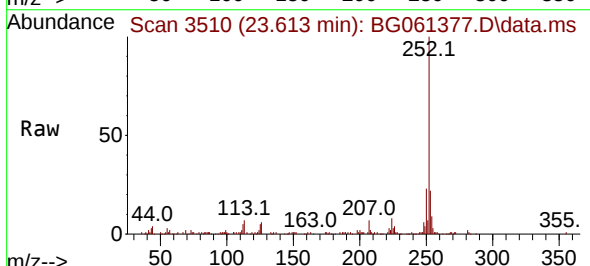
RT: 23.613 min Scan# 3510

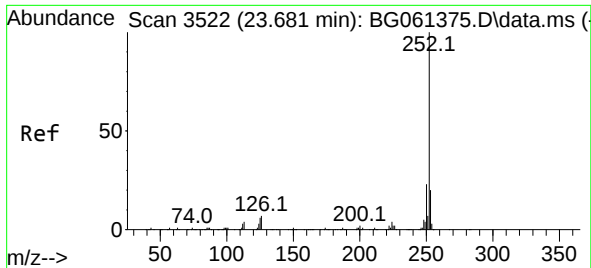
Delta R.T. -0.003 min

Lab File: BG061377.D

Acq: 31 May 2024 3:25

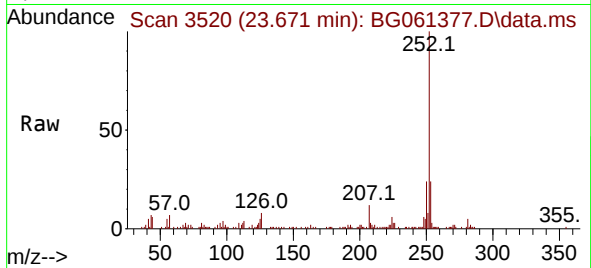
Tgt Ion:	252	Resp:	131349
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.8	26.8
125	4.9	4.6	6.8





#91
Benzo(k)fluoranthene
Concen: 3.237 ng/ul m
RT: 23.671 min Scan# 3520
Delta R.T. -0.009 min
Lab File: BG061377.D
Acq: 31 May 2024 3:25

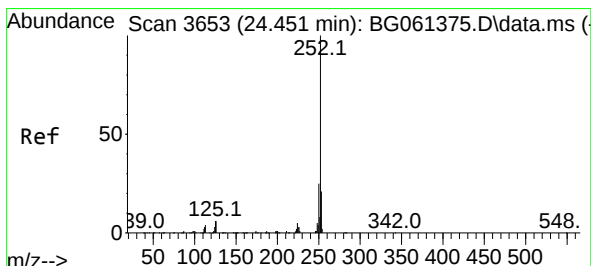
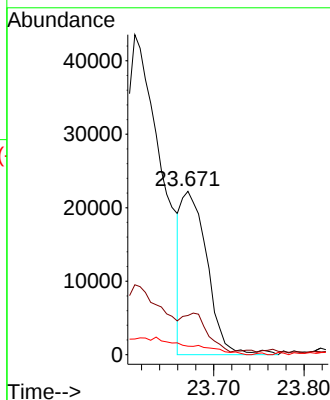
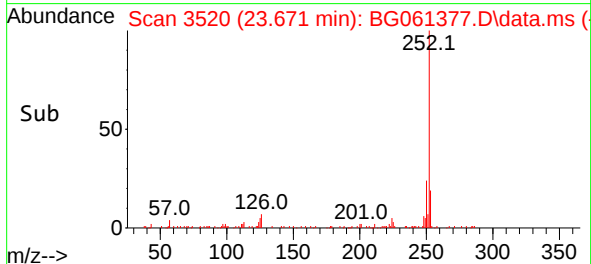
Instrument :
BNA_G
ClientSampleId :
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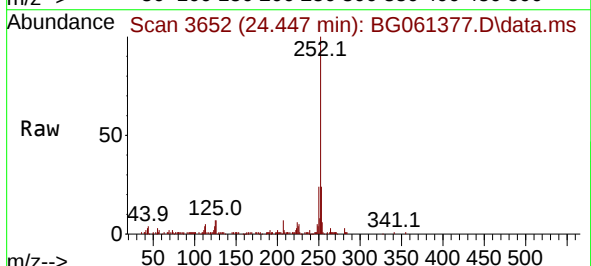
Tgt Ion:252 Resp: 44470
Ion Ratio Lower Upper
252 100
253 24.0 16.0 24.0
125 5.2 4.3 6.5

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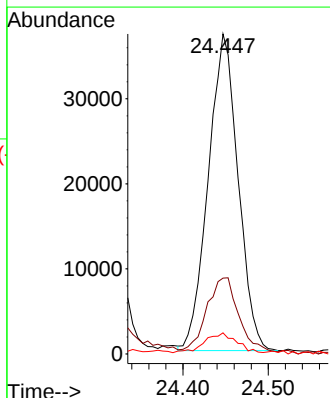
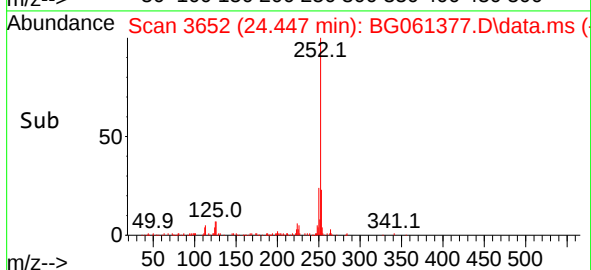
Reviewed By :Jagrut Upadhyay 05/31/2024
Supervised By :mohammad ahmed 06/01/2024

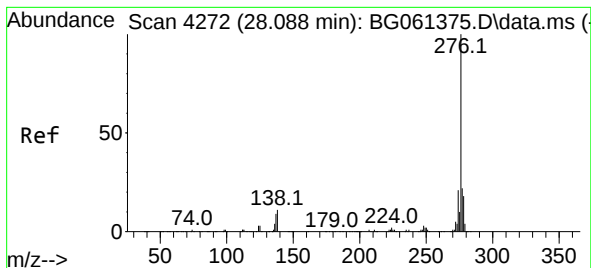


#93
Benzo(a)pyrene
Concen: 7.050 ng/ul
RT: 24.447 min Scan# 3652
Delta R.T. -0.003 min
Lab File: BG061377.D
Acq: 31 May 2024 3:25



Tgt Ion:252 Resp: 90623
Ion Ratio Lower Upper
252 100
253 23.7 16.4 24.6
125 6.6 4.3 6.5





#94

Indeno(1,2,3-cd)pyrene

Concen: 4.461 ng/ul

RT: 28.084 min Scan# 41

Delta R.T. -0.009 min

Lab File: BG061377.D

Acq: 31 May 2024 3:25

Instrument :

BNA_G

ClientSampleId :

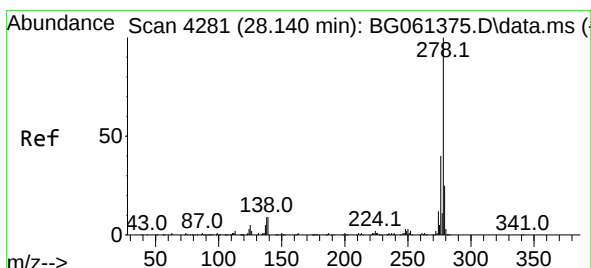
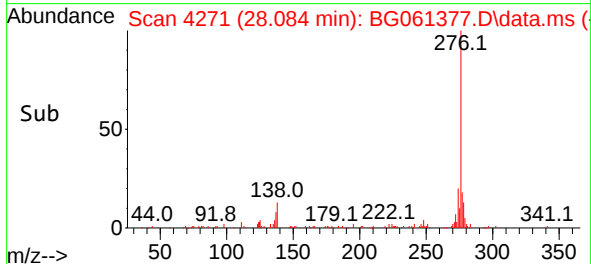
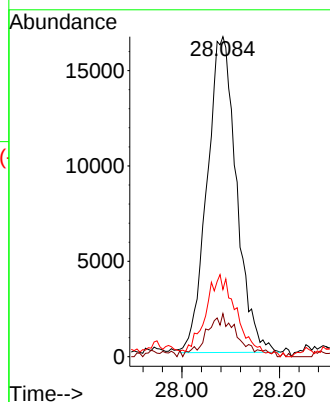
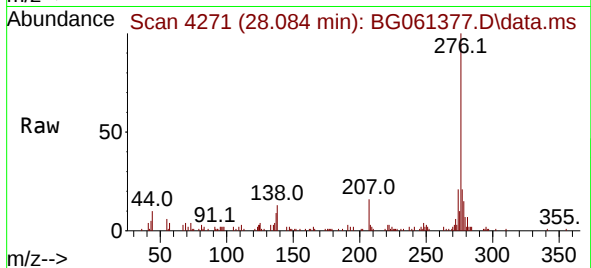
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Tgt Ion:276 Resp: 69340
 Ion Ratio Lower Upper
 276 100
 138 13.5 8.6 13.0
 277 21.0 19.7 29.5

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#95

Dibenzo(a,h)anthracene

Concen: 1.616 ng/ul m

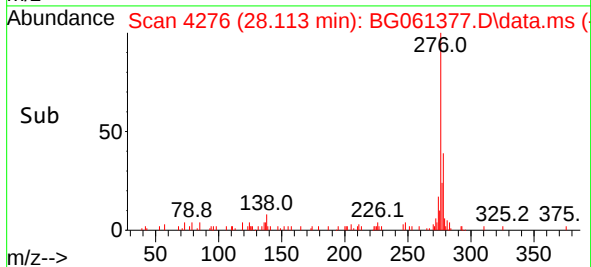
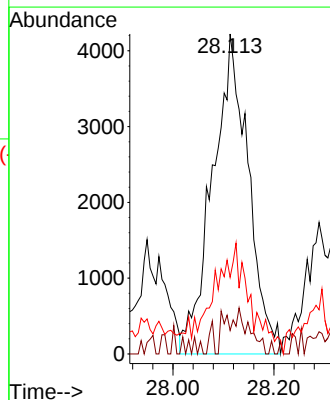
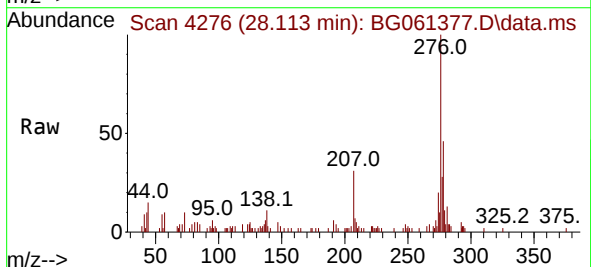
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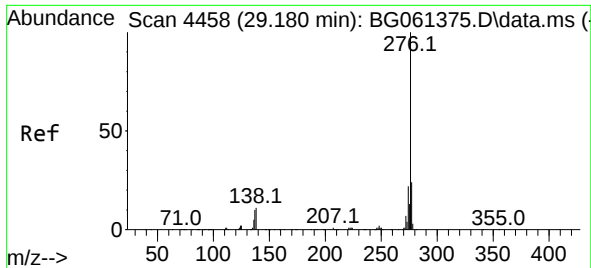
Delta R.T. -0.026 min

Lab File: BG061377.D

Acq: 31 May 2024 3:25

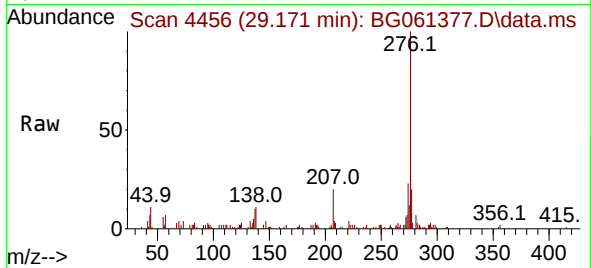
Tgt Ion:278 Resp: 20711
 Ion Ratio Lower Upper
 278 100
 139 7.3 6.4 9.6
 279 23.9 19.9 29.9





#96
Benzo(g,h,i)perylene
Concen: 5.464 ng/ul m
RT: 29.171 min Scan# 44
Delta R.T. -0.003 min
Lab File: BG061377.D
Acq: 31 May 2024 3:25

Instrument :
BNA_G
ClientSampleId :
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Tgt Ion:276 Resp: 6756
Ion Ratio Lower Upper
276 100
138 11.0 8.7 13.1
277 20.5 18.2 27.2

Manual Integrations
APPROVED

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

