

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052924\
 Data File : BG061349.D
 Acq On : 30 May 2024 5:40
 Operator : MA/JU
 Sample : P2571-05
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BH659

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/30/2024
 Supervised By :mohammad ahmed 06/01/2024

Quant Time: May 30 06:29:18 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 21 15:23:39 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.882	152	26476	20.000	ng/u1	0.00
20) Naphthalene-d8	10.672	136	111358	20.000	ng/u1	#-0.01
38) Acenaphthene-d10	14.515	164	82055	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.265	188	180288	20.000	ng/u1	0.00
79) Chrysene-d12	21.513	240	195931	20.000	ng/u1	0.00
88) Perylene-d12	24.603	264	221534	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	1852	3.915	ng/uL	0.00
4) Pyridine-d5	3.751	84	26024	15.462	ng/u1	0.00
7) Phenol-d5	7.065	99	45627	20.985	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.212	67	29047	21.255	ng/u1	0.00
11) 2-Chlorophenol-d4	7.417	132	36446	22.650	ng/u1	0.00
15) 4-Methylphenol-d8	8.598	113	36536	19.707	ng/u1	0.00
21) Nitrobenzene-d5	9.039	128	19953	23.272	ng/u1	0.00
24) 2-Nitrophenol-d4	9.762	143	22902	22.824	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.308	165	44979	22.993	ng/u1	0.00
31) 4-Chloroaniline-d4	10.813	131	37681	14.723	ng/u1	0.00
46) Dimethylphthalate-d6	13.922	166	143631	22.569	ng/u1	0.00
49) Acenaphthylene-d8	14.209	160	160044	24.189	ng/u1	0.00
54) 4-Nitrophenol-d4	14.744	143	16178m	20.562	ng/u1	0.00
60) Fluorene-d10	15.508	176	126189	22.967	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.643	200	15164	13.907	ng/u1	0.00
73) Anthracene-d10	17.365	188	193261	24.315	ng/u1	0.00
81) Pyrene-d10	19.656	212	237645	23.622	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.386	264	263293	24.721	ng/u1	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.306	178	62202	7.108	ng/u1	98
80) Fluoranthene	19.321	202	169536	14.048	ng/u1	99
82) Pyrene	19.685	202	152751	12.194	ng/u1	99
85) Benzo(a)anthracene	21.495	228	85945	6.357	ng/u1	97
86) Bis(2-ethylhexyl)phtha...	21.407	149	15902	2.496	ng/u1#	89
87) Chrysene	21.560	228	99429	7.987	ng/u1	94
90) Benzo(b)fluoranthene	23.628	252	138007	10.463	ng/u1#	98
91) Benzo(k)fluoranthene	23.687	252	46456m	3.469	ng/u1	
93) Benzo(a)pyrene	24.450	252	88777	7.088	ng/u1#	96
94) Indeno(1,2,3-cd)pyrene	28.081	276	66422m	4.385	ng/u1	
95) Dibenzo(a,h)anthracene	28.146	278	16531m	1.324	ng/u1	
96) Benzo(g,h,i)perylene	29.186	276	54884m	4.555	ng/u1	

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

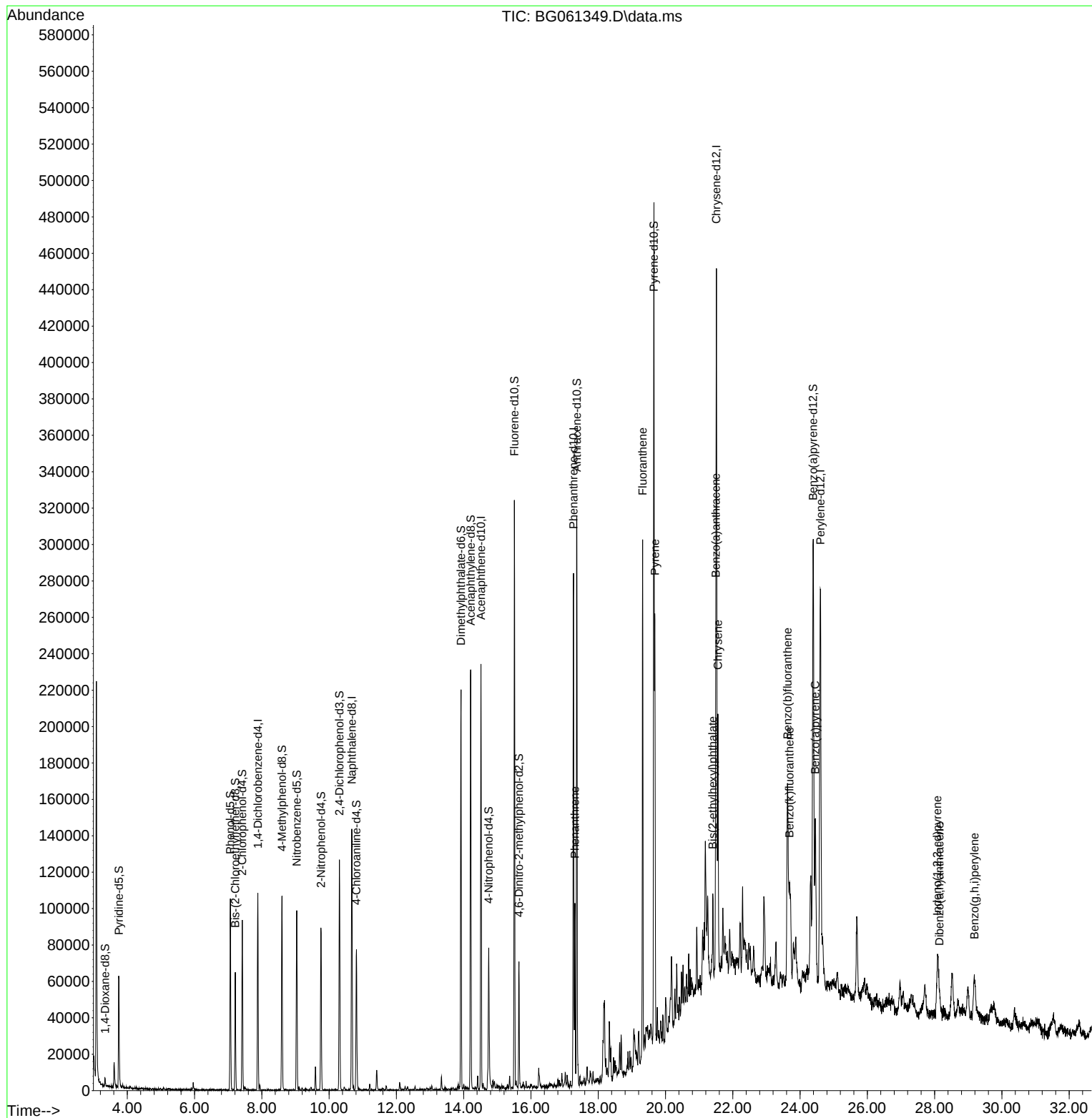
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052924\
 Data File : BG061349.D
 Acq On : 30 May 2024 5:40
 Operator : MA/JU
 Sample : P2571-05
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

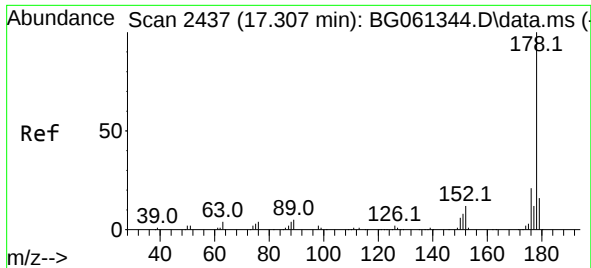
Instrument :
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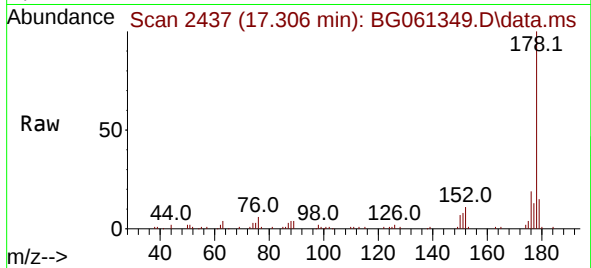
Quant Time: May 30 06:29:18 2024
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#72
Phenanthrene
Concen: 7.108 ng/ul
RT: 17.306 min Scan# 2437
Delta R.T. -0.007 min
Lab File: BG061349.D
Acq: 30 May 2024 5:40

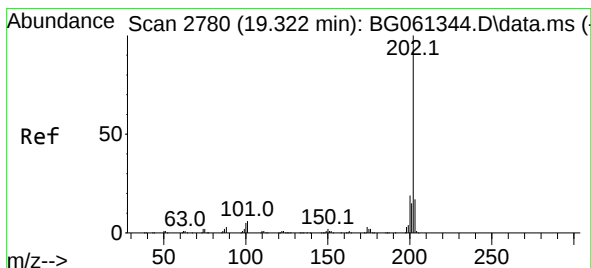
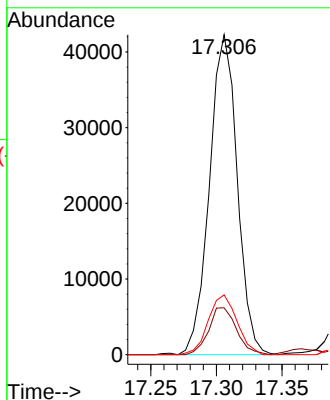
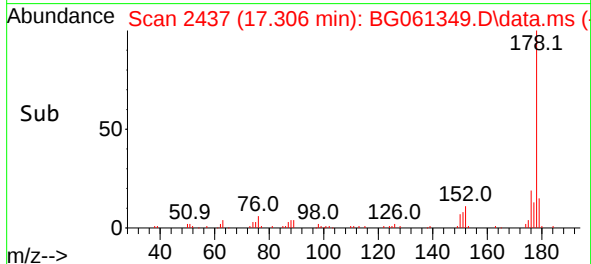
Instrument :
BNA_G
ClientSampleId :
BH659



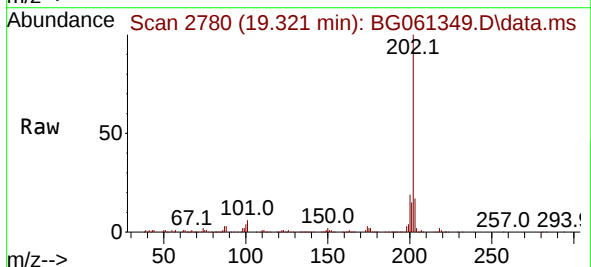
Tgt Ion:178 Resp: 62202
Ion Ratio Lower Upper
178 100
179 14.7 12.7 19.1
176 18.7 15.5 23.3

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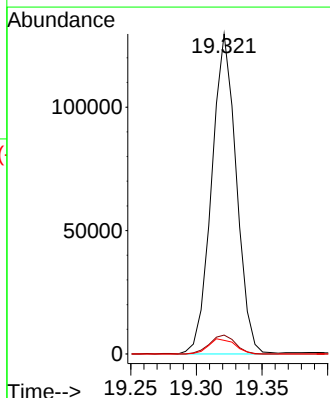
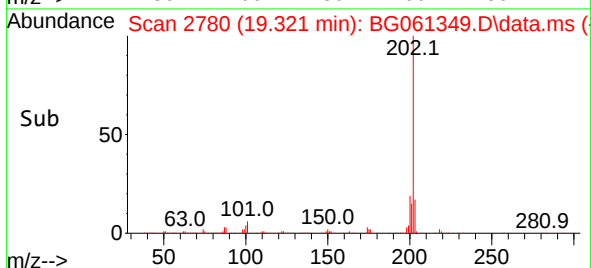
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 06/01/2024

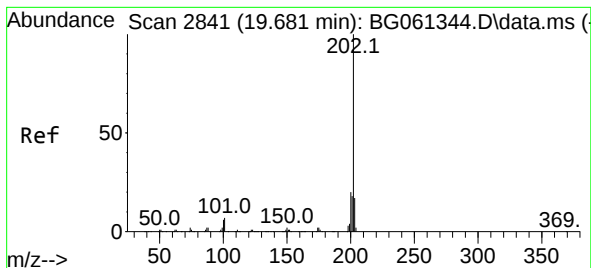


#80
Fluoranthene
Concen: 14.048 ng/ul
RT: 19.321 min Scan# 2780
Delta R.T. -0.007 min
Lab File: BG061349.D
Acq: 30 May 2024 5:40



Tgt Ion:202 Resp: 169536
Ion Ratio Lower Upper
202 100
101 5.9 4.8 7.2
100 4.3 4.1 6.1





#82

Pyrene

Concen: 12.194 ng/ul

RT: 19.685 min Scan# 21

Delta R.T. -0.001 min

Lab File: BG061349.D

Acq: 30 May 2024 5:40

Instrument :

BNA_G

ClientSampleId :

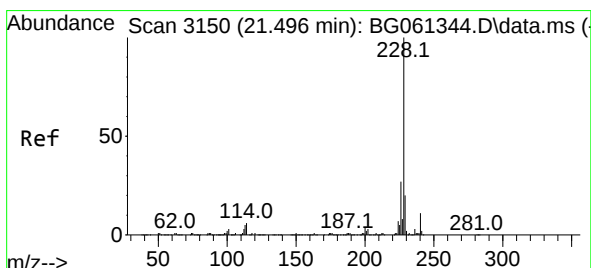
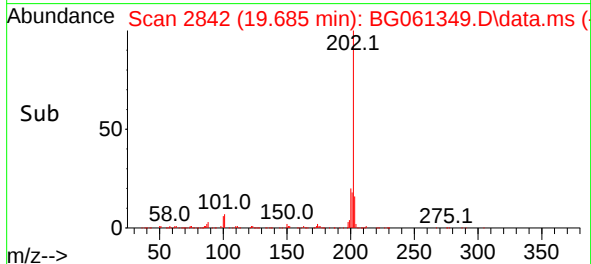
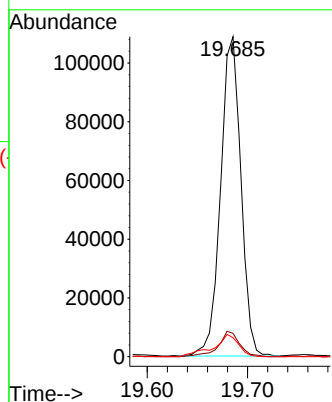
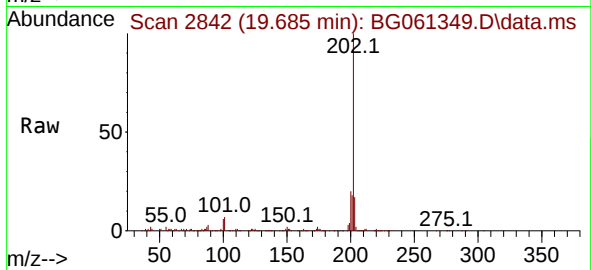
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Tgt Ion:	202	Resp:	15275
Ion Ratio	Lower	Upper	
202	100		
101	7.3	5.7	8.5
100	5.9	5.1	7.7

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#85

Benzo(a)anthracene

Concen: 6.357 ng/ul

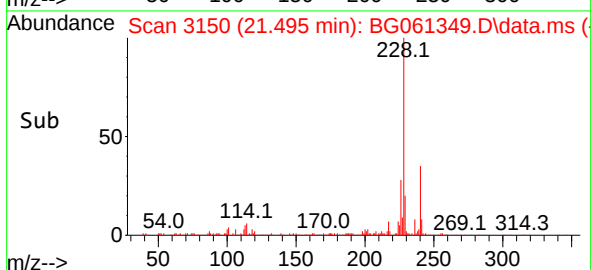
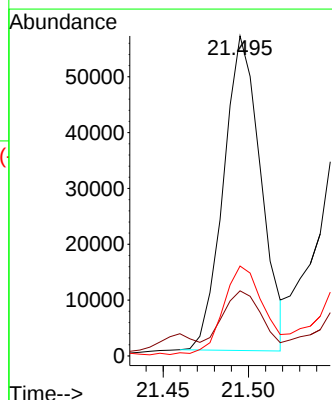
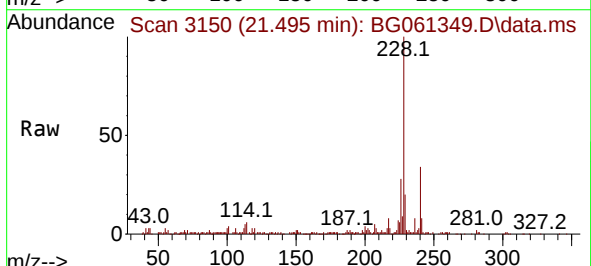
RT: 21.495 min Scan# 3150

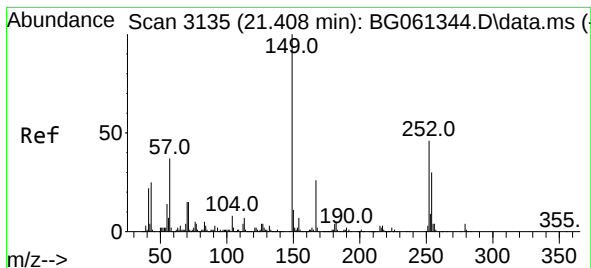
Delta R.T. -0.007 min

Lab File: BG061349.D

Acq: 30 May 2024 5:40

Tgt Ion:	228	Resp:	85945
Ion Ratio	Lower	Upper	
228	100		
229	20.3	15.2	22.8
226	28.1	21.4	32.2





#86

Bis(2-ethylhexyl)phthalate

Concen: 2.496 ng/ul

RT: 21.407 min Scan# 3135

Delta R.T. -0.007 min

Lab File: BG061349.D

Acq: 30 May 2024 5:40

Instrument :

BNA_G

ClientSampleId :

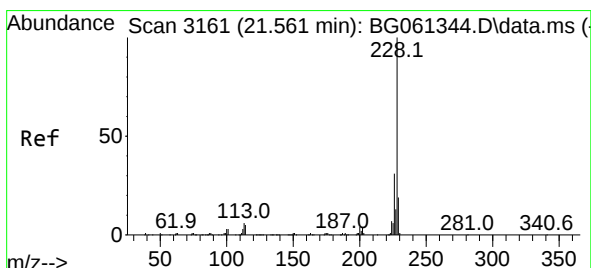
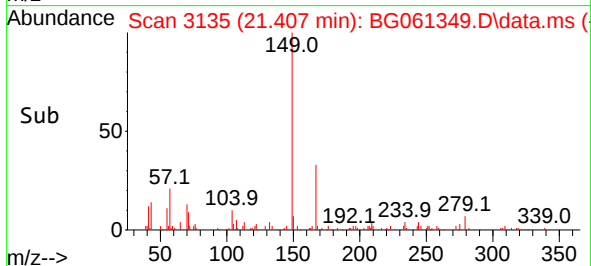
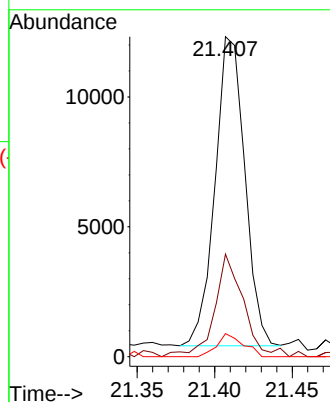
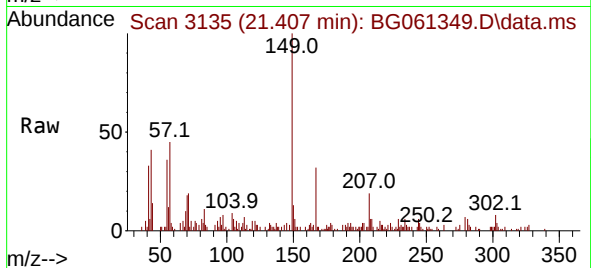
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Tgt Ion:	149	Resp:	1590
Ion Ratio	Lower	Upper	
149	100		
167	32.0	21.1	31.7
279	7.2	3.3	4.9

Manual Integrations

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#87

Chrysene

Concen: 7.987 ng/ul

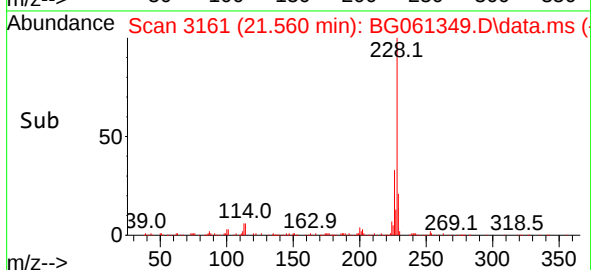
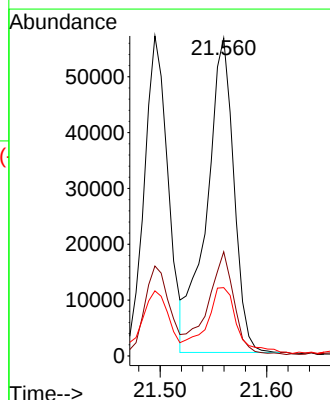
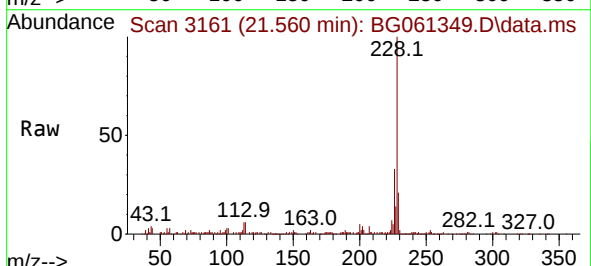
RT: 21.560 min Scan# 3161

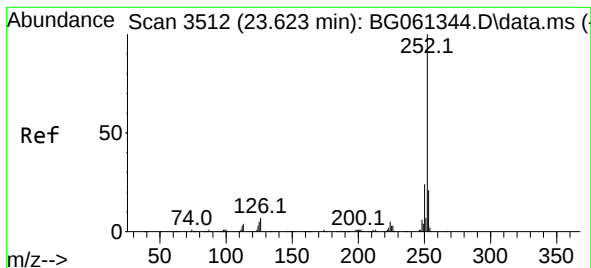
Delta R.T. -0.007 min

Lab File: BG061349.D

Acq: 30 May 2024 5:40

Tgt Ion:	228	Resp:	99429
Ion Ratio	Lower	Upper	
228	100		
226	32.8	23.4	35.0
229	21.5	15.4	23.2





#90

Benzo(b)fluoranthene

Concen: 10.463 ng/ul

RT: 23.628 min Scan# 3512

Delta R.T. -0.001 min

Lab File: BG061349.D

Acq: 30 May 2024 5:40

Instrument :

BNA_G

ClientSampleId :

BH659

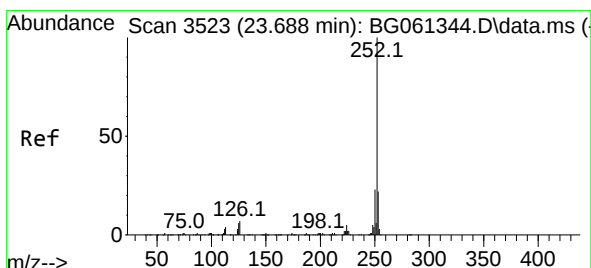
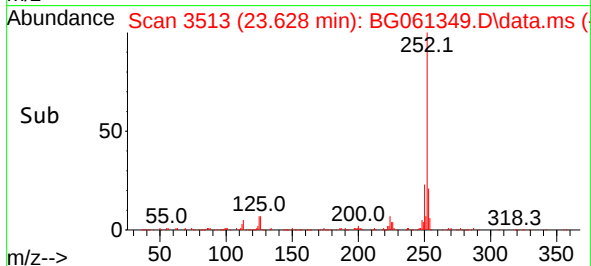
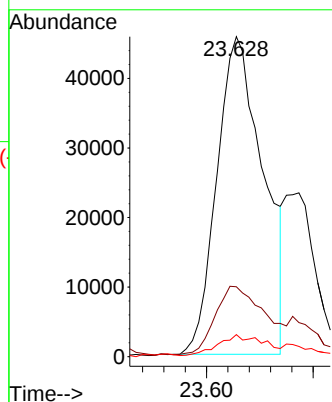
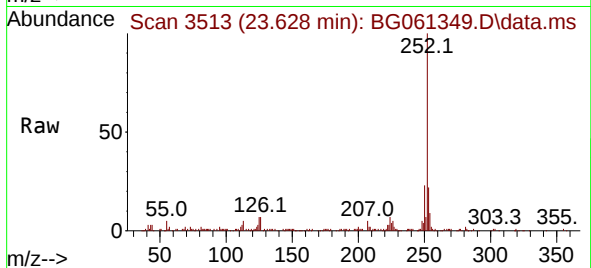
Tgt Ion:252 Resp: 13800

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.8	26.8
125	6.9	4.6	6.8

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#91

Benzo(k)fluoranthene

Concen: 3.469 ng/ul m

RT: 23.687 min Scan# 3523

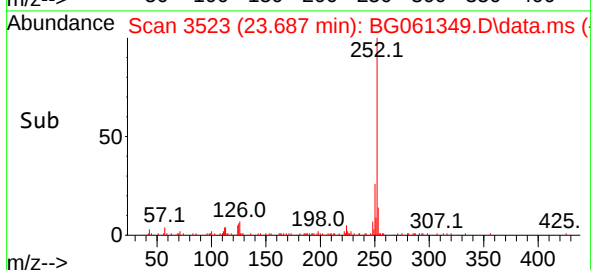
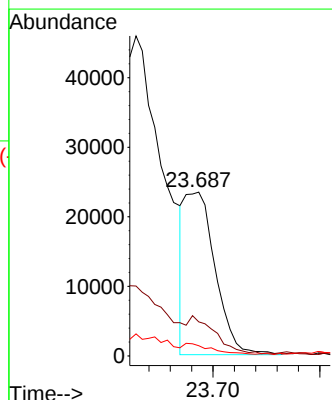
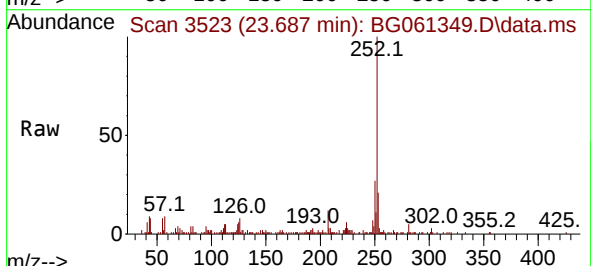
Delta R.T. -0.007 min

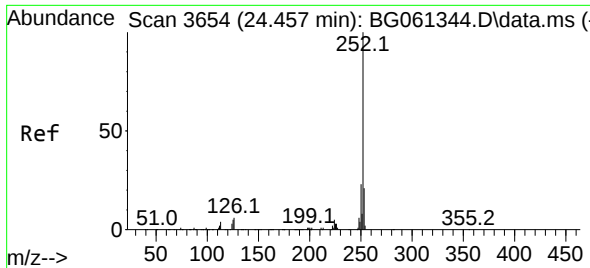
Lab File: BG061349.D

Acq: 30 May 2024 5:40

Tgt Ion:252 Resp: 46456

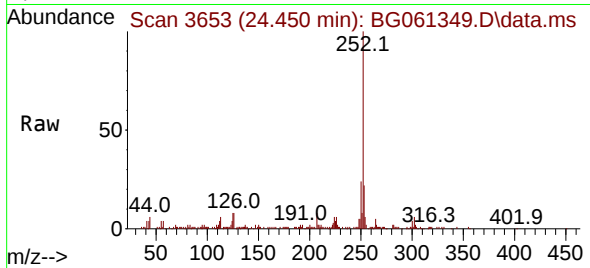
Ion	Ratio	Lower	Upper
252	100		
253	20.8	16.0	24.0
125	6.3	4.3	6.5





#93
Benzo(a)pyrene
Concen: 7.088 ng/ul
RT: 24.450 min Scan# 30
Delta R.T. -0.013 min
Lab File: BG061349.D
Acq: 30 May 2024 5:40

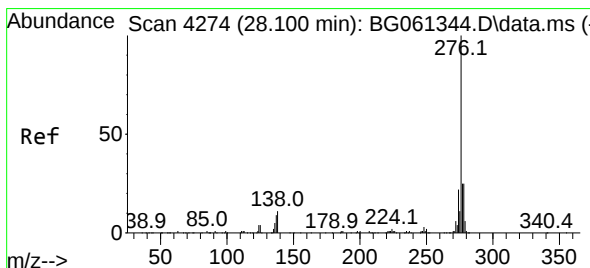
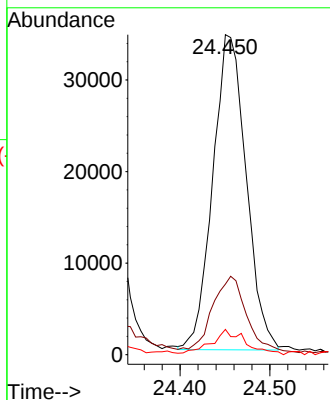
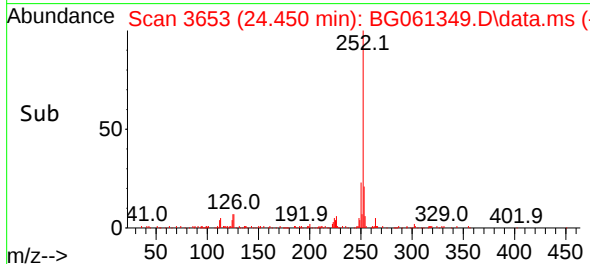
Instrument :
BNA_G
ClientSampleId :
BH659



Tgt Ion:252 Resp: 8877
Ion Ratio Lower Upper
252 100
253 22.1 16.4 24.6
125 7.9 4.3 6.5

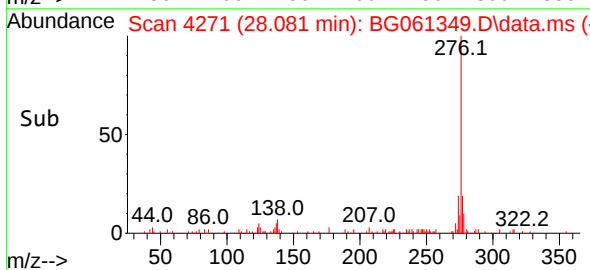
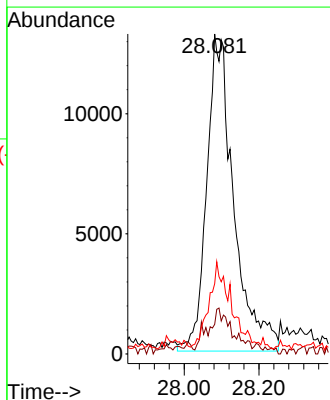
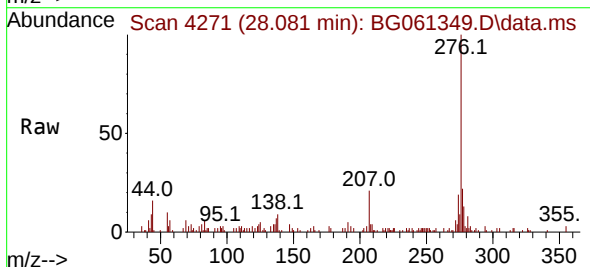
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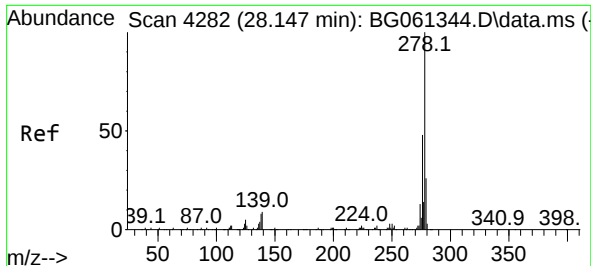
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 06/01/2024



#94
Indeno(1,2,3-cd)pyrene
Concen: 4.385 ng/ul m
RT: 28.081 min Scan# 4271
Delta R.T. -0.025 min
Lab File: BG061349.D
Acq: 30 May 2024 5:40

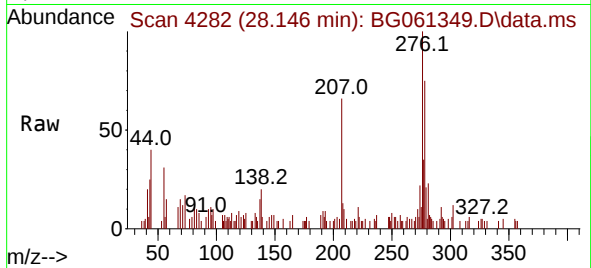
Tgt Ion:276 Resp: 66422
Ion Ratio Lower Upper
276 100
138 9.2 8.6 13.0
277 22.0 19.7 29.5





#95
Dibenzo(a,h)anthracene
Concen: 1.324 ng/ul m
RT: 28.146 min Scan# 441
Delta R.T. -0.013 min
Lab File: BG061349.D
Acq: 30 May 2024 5:40

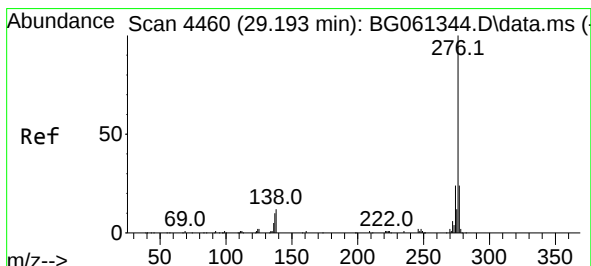
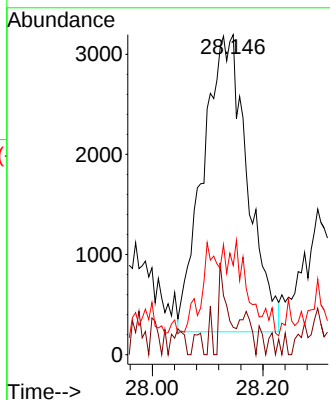
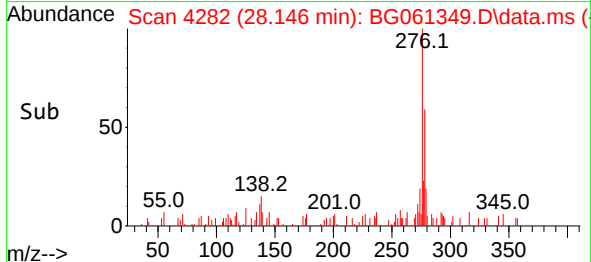
Instrument :
BNA_G
ClientSampleId :
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Tgt Ion:278 Resp: 1653
Ion Ratio Lower Upper
278 100
139 8.5 6.4 9.6
279 27.9 19.9 29.9

Manual Integrations
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#96
Benzo(g,h,i)perylene
Concen: 4.555 ng/ul m
RT: 29.186 min Scan# 4459
Delta R.T. -0.007 min
Lab File: BG061349.D
Acq: 30 May 2024 5:40

Tgt Ion:276 Resp: 54884
Ion Ratio Lower Upper
276 100
138 11.0 8.7 13.1
277 21.7 18.2 27.2

