

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052924\
 Data File : BG061342.D
 Acq On : 30 May 2024 00:13
 Operator : MA/JU
 Sample : P2571-11
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BH665

Manual Integrations
 APPROVED

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

Quant Time: May 30 01:06:40 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	7.883	152	25275	20.000	ng/u1	0.00
20) Naphthalene-d8	10.674	136	106932	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.516	164	81838	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.260	188	180887	20.000	ng/u1	-0.01
79) Chrysene-d12	21.514	240	195003	20.000	ng/u1	0.00
88) Perylene-d12	24.593	264	221975	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.341	96	1371	3.036	ng/uL	0.00
4) Pyridine-d5	3.746	84	14129	8.794	ng/u1	0.00
7) Phenol-d5	7.060	99	36279	17.479	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.207	67	26121	20.022	ng/u1	0.00
11) 2-Chlorophenol-d4	7.419	132	30546	19.885	ng/u1	0.00
15) 4-Methylphenol-d8	8.600	113	29191	16.494	ng/u1	0.00
21) Nitrobenzene-d5	9.040	128	17086	20.753	ng/u1	0.00
24) 2-Nitrophenol-d4	9.757	143	18180	18.868	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.309	165	34696	18.471	ng/u1	0.00
31) 4-Chloroaniline-d4	10.809	131	39241	15.968	ng/u1	-0.01
46) Dimethylphthalate-d6	13.923	166	119963	18.900	ng/u1	0.00
49) Acenaphthylene-d8	14.205	160	134184	20.335	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.751	143	7425	9.462	ng/u1	0.00
60) Fluorene-d10	15.509	176	107034	19.532	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.644	200	11537	10.545	ng/u1	0.00
73) Anthracene-d10	17.360	188	162896	20.426	ng/u1	0.00
81) Pyrene-d10	19.651	212	214721	21.445	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.387	264	234125	21.939	ng/u1	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.307	178	28596	3.257	ng/u1	97
80) Fluoranthene	19.322	202	82712	6.886	ng/u1	98
82) Pyrene	19.681	202	77765	6.237	ng/u1	99
85) Benzo(a)anthracene	21.496	228	43364	3.223	ng/u1	95
86) Bis(2-ethylhexyl)phtha...	21.408	149	14573	2.299	ng/u1	98
87) Chrysene	21.555	228	48019	3.876	ng/u1	95
90) Benzo(b)fluoranthene	23.623	252	67730	5.125	ng/u1	98
91) Benzo(k)fluoranthene	23.676	252	19014m	1.417	ng/u1	
93) Benzo(a)pyrene	24.452	252	42879	3.417	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	28.094	276	32280m	2.127	ng/u1	
96) Benzo(g,h,i)perylene	29.187	276	30107m	2.494	ng/u1	

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

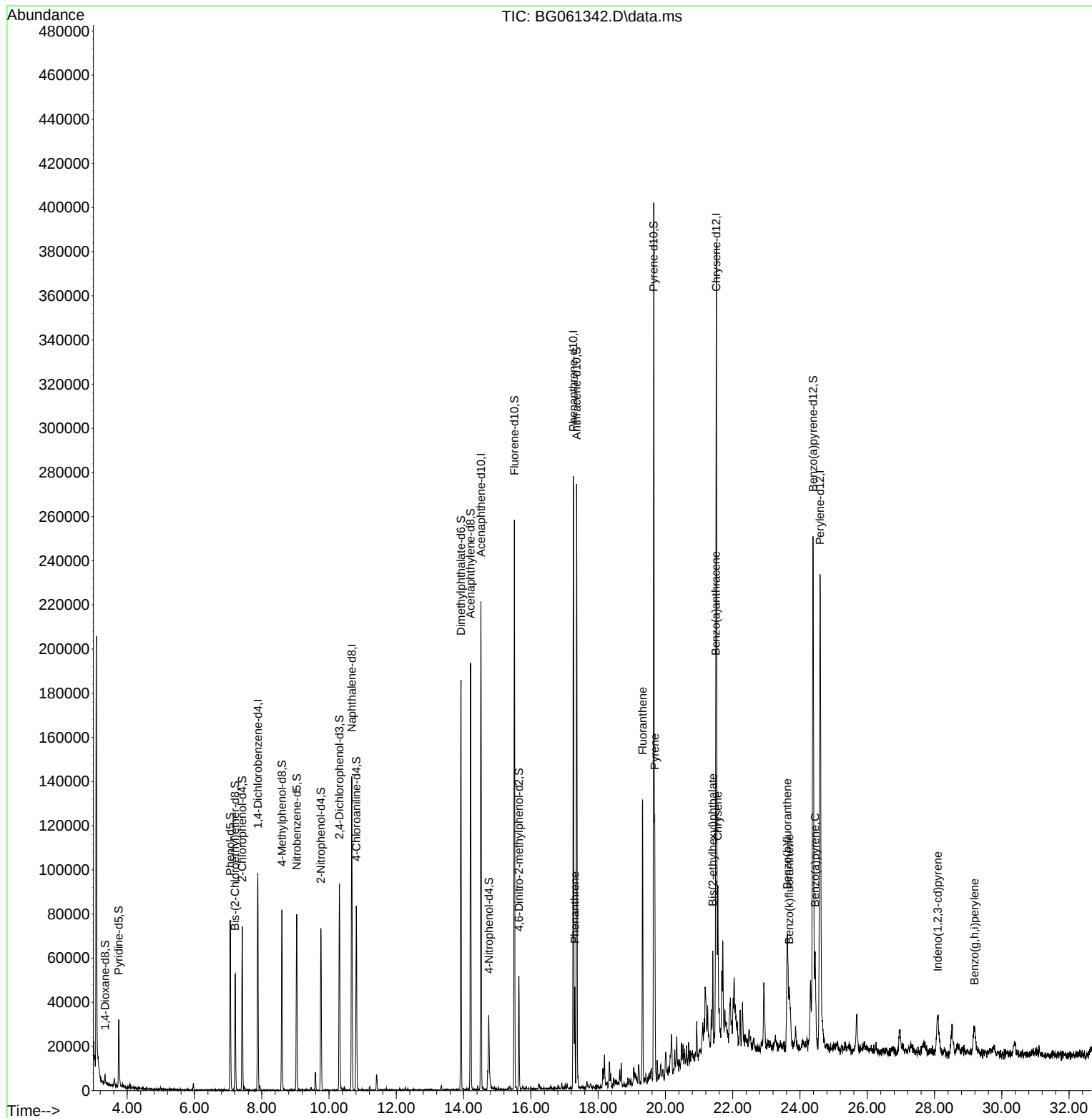
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052924\
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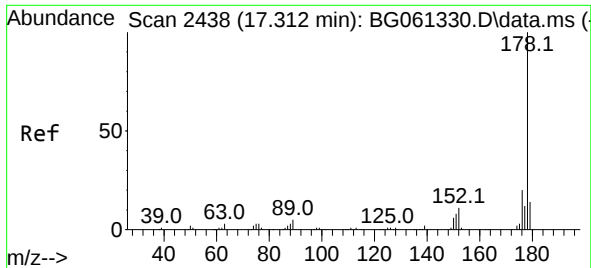
Instrument :
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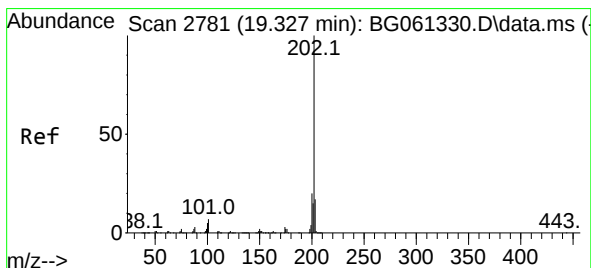
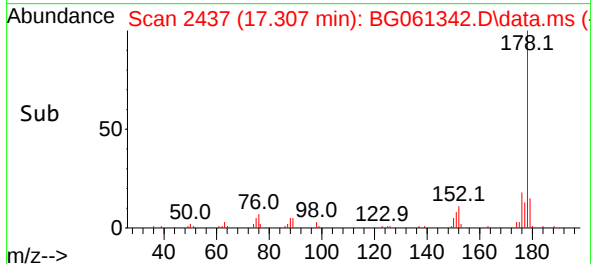
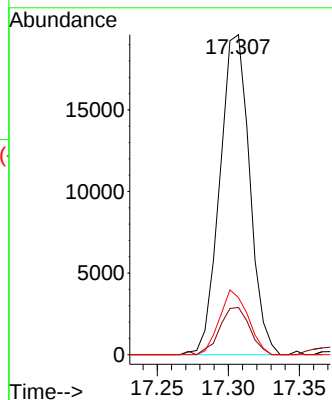
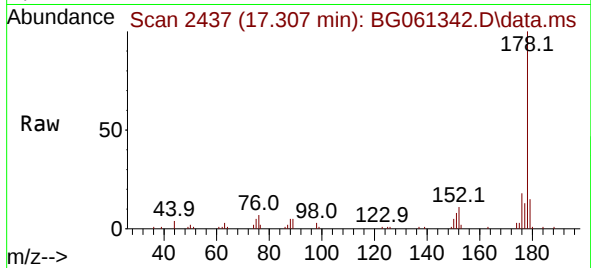
#72
Phenanthrene
Concen: 3.257 ng/ul
RT: 17.307 min Scan# 2438
Delta R.T. -0.006 min
Lab File: BG061342.D
Acq: 30 May 2024 00:13

Instrument :
BNA_G
ClientSampleId :
BH665

Tgt Ion:178 Resp: 28590
Ion Ratio Lower Upper
178 100
179 14.7 12.7 19.1
176 17.8 15.5 23.3

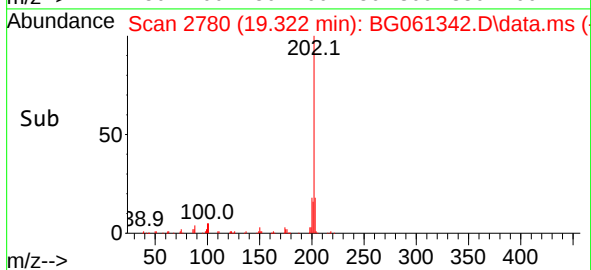
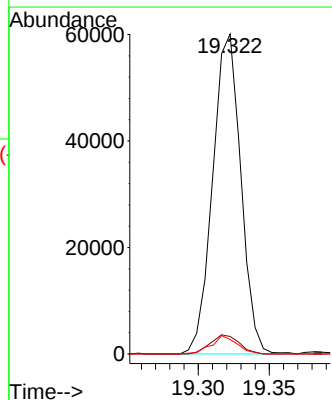
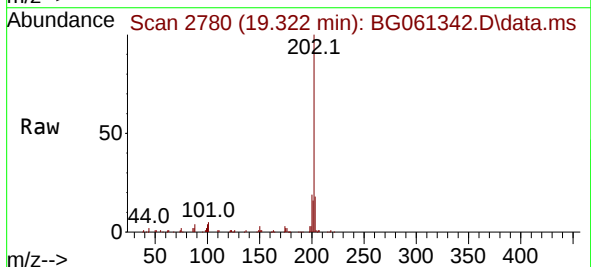
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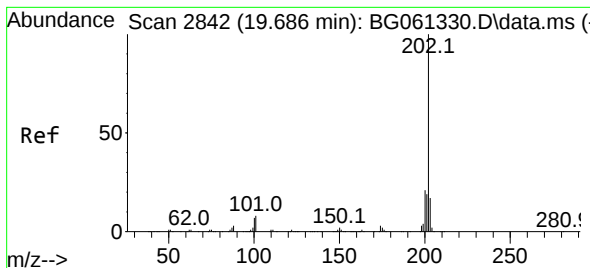
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 06/01/2024



#80
Fluoranthene
Concen: 6.886 ng/ul
RT: 19.322 min Scan# 2780
Delta R.T. -0.006 min
Lab File: BG061342.D
Acq: 30 May 2024 00:13

Tgt Ion:202 Resp: 82712
Ion Ratio Lower Upper
202 100
101 5.5 4.8 7.2
100 4.5 4.1 6.1





#82

Pyrene

Concen: 6.237 ng/ul

RT: 19.681 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG061342.D

Acq: 30 May 2024 00:13

Instrument :

BNA_G

ClientSampleId :

BH665

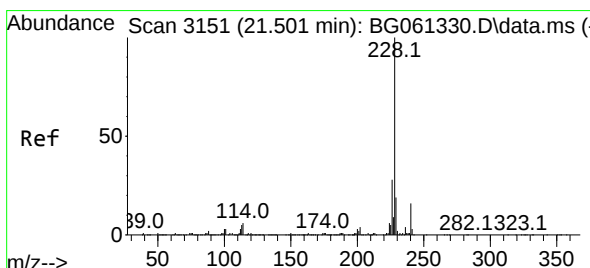
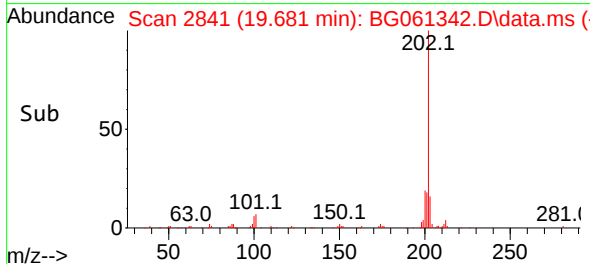
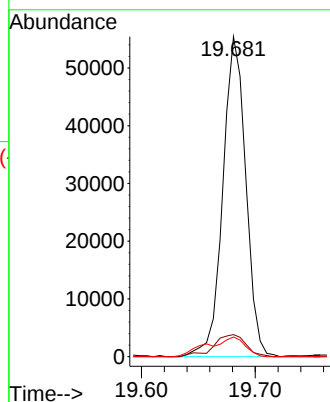
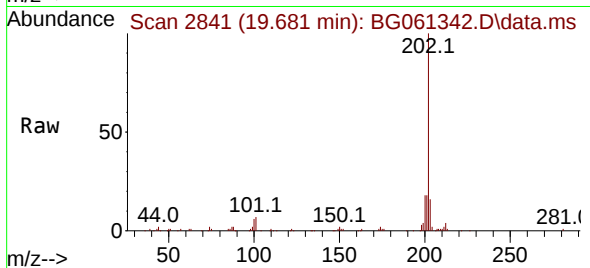
Tgt Ion:202 Resp: 7776

Ion	Ratio	Lower	Upper
202	100		
101	6.9	5.7	8.5
100	6.2	5.1	7.7

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#85

Benzo(a)anthracene

Concen: 3.223 ng/ul

RT: 21.496 min Scan# 3150

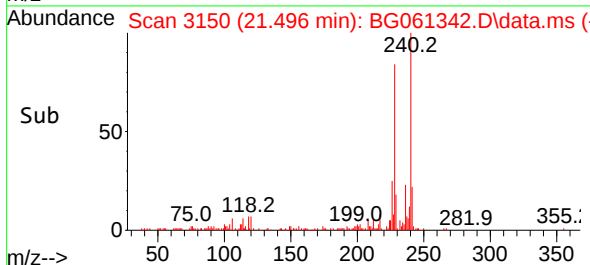
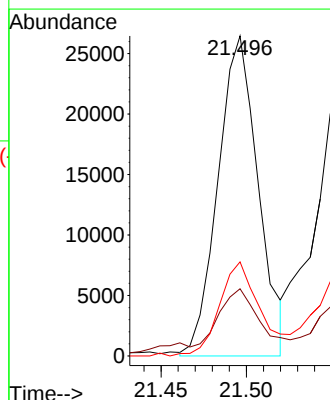
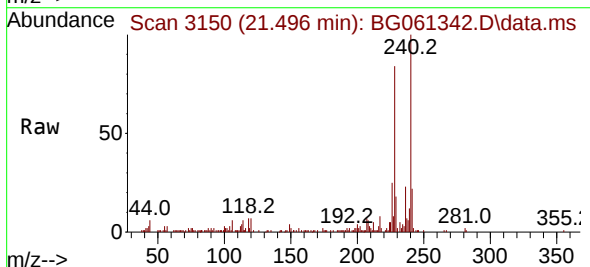
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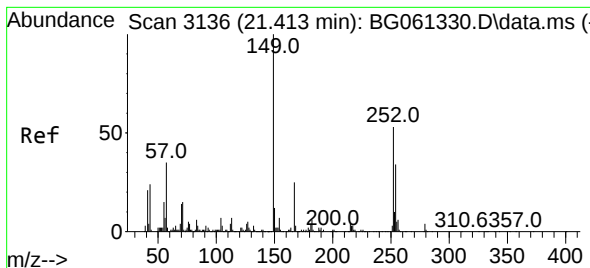
Lab File: BG061342.D

Acq: 30 May 2024 00:13

Tgt Ion:228 Resp: 43364

Ion	Ratio	Lower	Upper
228	100		
229	21.0	15.2	22.8
226	29.4	21.4	32.2





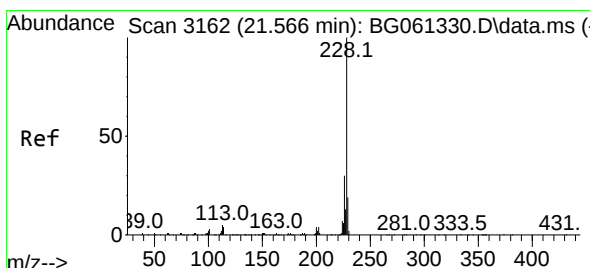
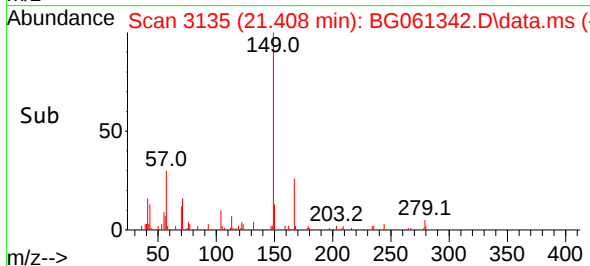
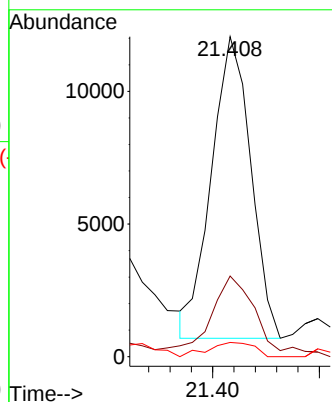
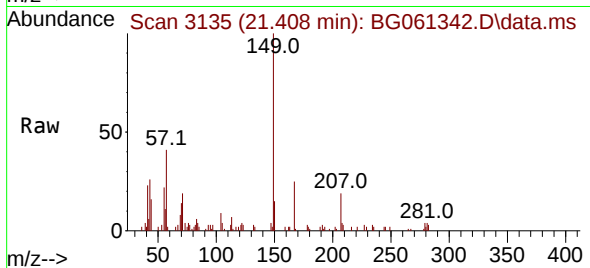
#86
Bis(2-ethylhexyl)phthalate
Concen: 2.299 ng/ul
RT: 21.408 min Scan# 3135
Delta R.T. -0.006 min
Lab File: BG061342.D
Acq: 30 May 2024 00:13

Instrument :
BNA_G
ClientSampleId :
BH665

Tgt Ion:149 Resp: 1457
Ion Ratio Lower Upper
149 100
167 25.2 21.1 31.7
279 4.4 3.3 4.9

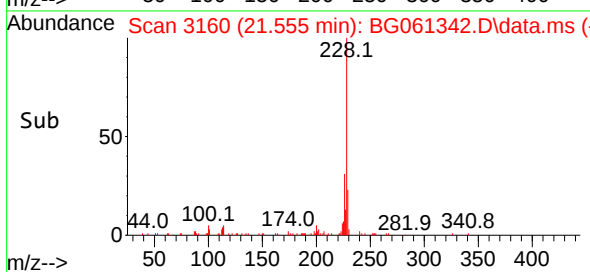
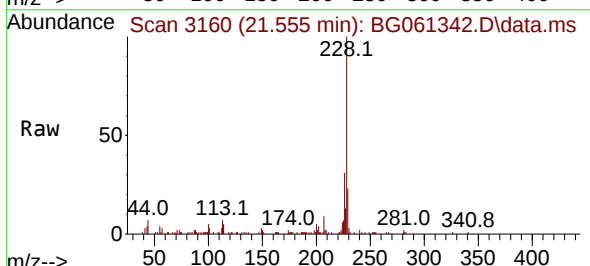
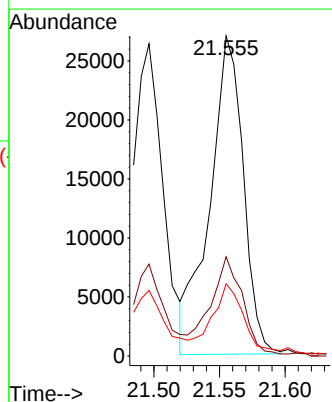
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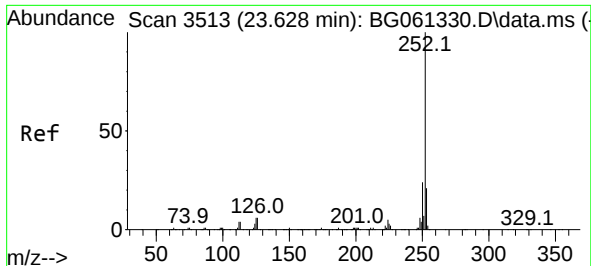
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 06/01/2024



#87
Chrysene
Concen: 3.876 ng/ul
RT: 21.555 min Scan# 3160
Delta R.T. -0.012 min
Lab File: BG061342.D
Acq: 30 May 2024 00:13

Tgt Ion:228 Resp: 48019
Ion Ratio Lower Upper
228 100
226 31.0 23.4 35.0
229 22.6 15.4 23.2





#90
Benzo(b)fluoranthene
Concen: 5.125 ng/ul
RT: 23.623 min Scan# 3512
Delta R.T. -0.006 min
Lab File: BG061342.D
Acq: 30 May 2024 00:13

Instrument :

BNA_G

ClientSampleId :

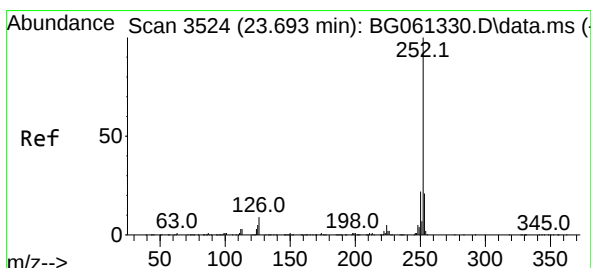
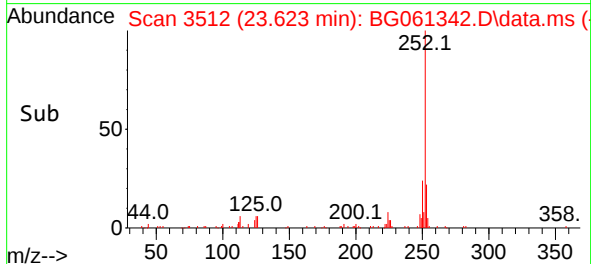
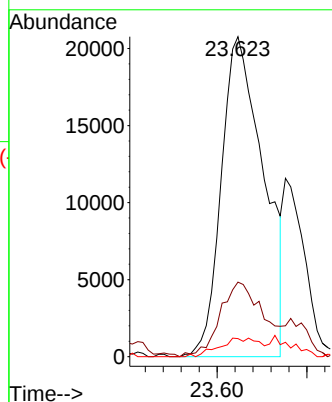
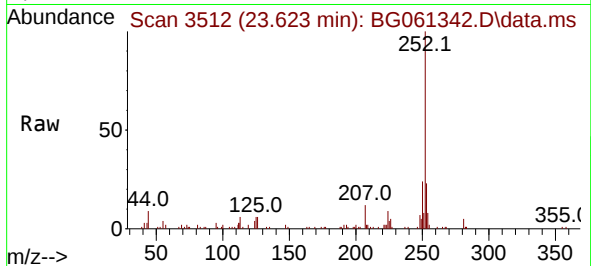
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Tgt Ion:252 Resp: 67730
Ion Ratio Lower Upper
252 100
253 23.3 17.8 26.8
125 5.7 4.6 6.8

Manual Integrations

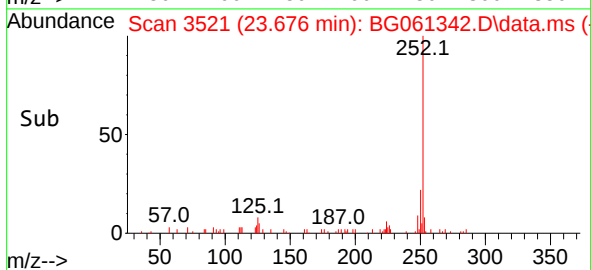
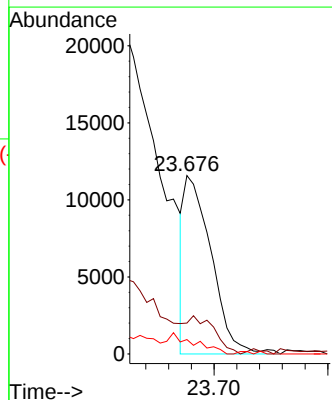
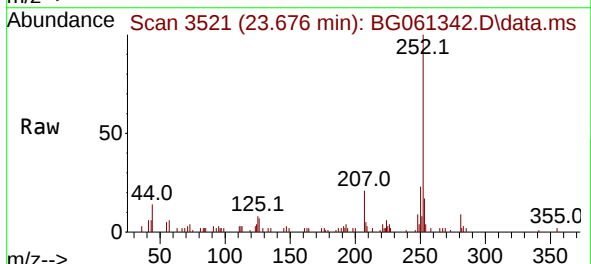
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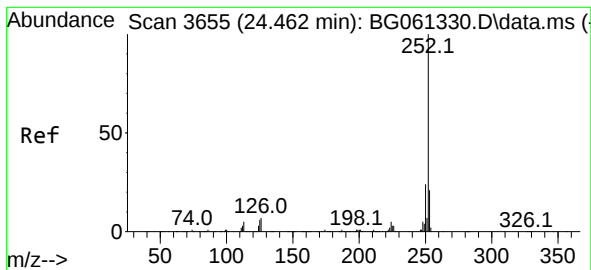
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 06/01/2024



#91
Benzo(k)fluoranthene
Concen: 1.417 ng/ul m
RT: 23.676 min Scan# 3521
Delta R.T. -0.018 min
Lab File: BG061342.D
Acq: 30 May 2024 00:13

Tgt Ion:252 Resp: 19014
Ion Ratio Lower Upper
252 100
253 17.3 16.0 24.0
125 8.1 4.3 6.5





#93

Benzo(a)pyrene

Concen: 3.417 ng/ul

RT: 24.452 min Scan# 30

Delta R.T. -0.012 min

Lab File: BG061342.D

Acq: 30 May 2024 00:13

Instrument :

BNA_G

ClientSampleId :

BH665

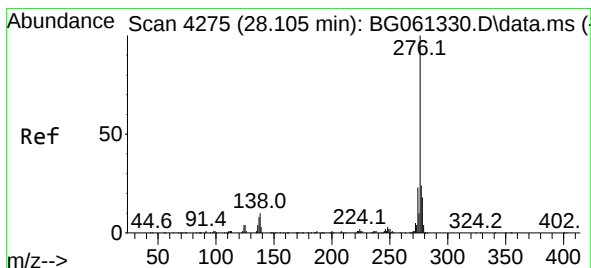
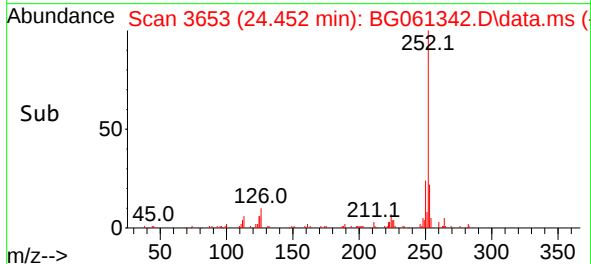
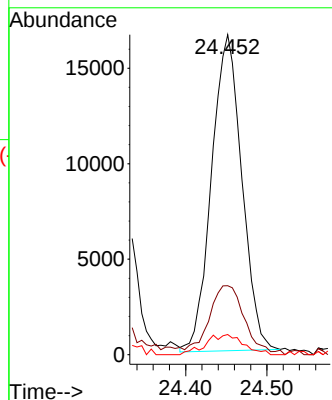
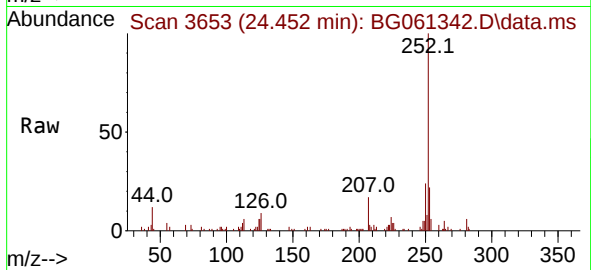
Tgt Ion:252 Resp: 42879

Ion	Ratio	Lower	Upper
252	100		
253	21.5	16.4	24.6
125	6.3	4.3	6.5

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#94

Indeno(1,2,3-cd)pyrene

Concen: 2.127 ng/ul m

RT: 28.094 min Scan# 4273

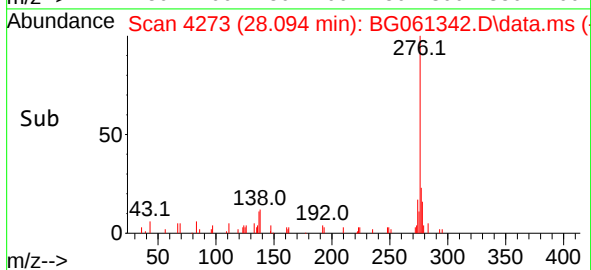
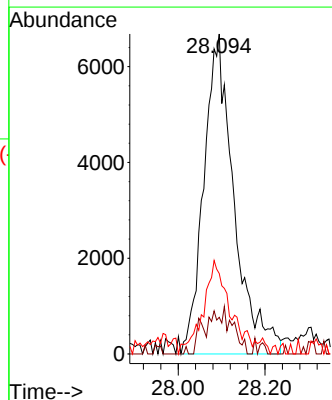
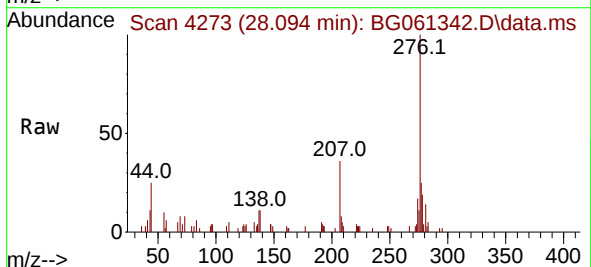
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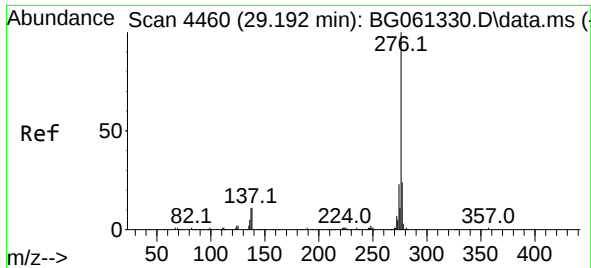
Lab File: BG061342.D

Acq: 30 May 2024 00:13

Tgt Ion:276 Resp: 32280

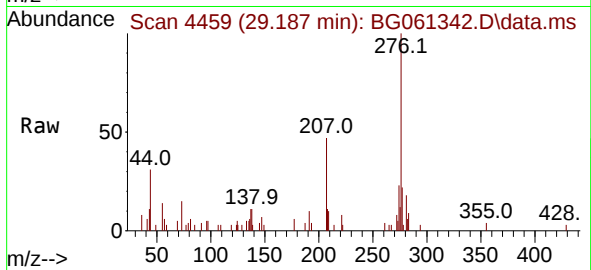
Ion	Ratio	Lower	Upper
276	100		
138	11.5	8.6	13.0
277	25.1	19.7	29.5





#96
 Benzo(g,h,i)perylene
 Concen: 2.494 ng/ul m
 RT: 29.187 min Scan# 44
 Delta R.T. -0.006 min
 Lab File: BG061342.D
 Acq: 30 May 2024 00:13

Instrument :
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 ClientSampleId :
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Tgt Ion:276 Resp: 3010
 Ion Ratio Lower Upper
 276 100
 138 10.7 8.7 13.1
 277 21.6 18.2 27.2

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