

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
 Data File : BG061403.D
 Acq On : 31 May 2024 21:37
 Operator : MA/JU
 Sample : P2588-20
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BH6E5

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/03/2024
 Supervised By :mohammad ahmed 06/04/2024

Quant Time: May 31 23:08:48 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	7.873	152	27431	20.000	ng/ul	0.00
20) Naphthalene-d8	10.664	136	104245	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.507	164	83048	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.256	188	197960	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.510	240	208012	20.000	ng/ul	0.00
88) Perylene-d12	24.595	264	237412	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.337	96	2154	4.394	ng/uL	0.00
4) Pyridine-d5	3.743	84	28665	16.438	ng/ul	0.00
7) Phenol-d5	7.057	99	37949	16.846	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.198	67	24830	17.537	ng/ul	0.00
11) 2-Chlorophenol-d4	7.409	132	30839	18.498	ng/ul	0.00
15) 4-Methylphenol-d8	8.590	113	27367	14.248	ng/ul	0.00
21) Nitrobenzene-d5	9.031	128	16781	20.908	ng/ul	0.00
24) 2-Nitrophenol-d4	9.747	143	19258	20.502	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.300	165	38782	21.178	ng/ul	0.00
31) 4-Chloroaniline-d4	10.799	131	38958	16.261	ng/ul	0.00
46) Dimethylphthalate-d6	13.913	166	135059	20.969	ng/ul	0.00
49) Acenaphthylene-d8	14.201	160	149787	22.369	ng/ul	0.00
54) 4-Nitrophenol-d4	14.748	143	13788m	17.315	ng/ul	0.00
60) Fluorene-d10	15.505	176	124558	22.399	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.641	200	20149	16.829	ng/ul	0.00
73) Anthracene-d10	17.356	188	221383	25.366	ng/ul	0.00
81) Pyrene-d10	19.648	212	273183	25.578	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.383	264	298081	26.116	ng/ul	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.297	178	82076	8.542	ng/ul	99
74) Anthracene	17.391	178	10923	1.100	ng/ul	93
80) Fluoranthene	19.319	202	225132	17.571	ng/ul	100
82) Pyrene	19.677	202	209908	15.783	ng/ul	99
85) Benzo(a)anthracene	21.493	228	121790	8.485	ng/ul	99
87) Chrysene	21.557	228	135795m	10.275	ng/ul	
90) Benzo(b)fluoranthene	23.625	252	186727	13.210	ng/ul	97
91) Benzo(k)fluoranthene	23.678	252	55511m	3.868	ng/ul	
93) Benzo(a)pyrene	24.454	252	125853	9.376	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	28.085	276	91989	5.667	ng/ul	97
95) Dibenzo(a,h)anthracene	28.132	278	25098m	1.875	ng/ul	
96) Benzo(g,h,i)perylene	29.172	276	91700m	7.101	ng/ul	

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

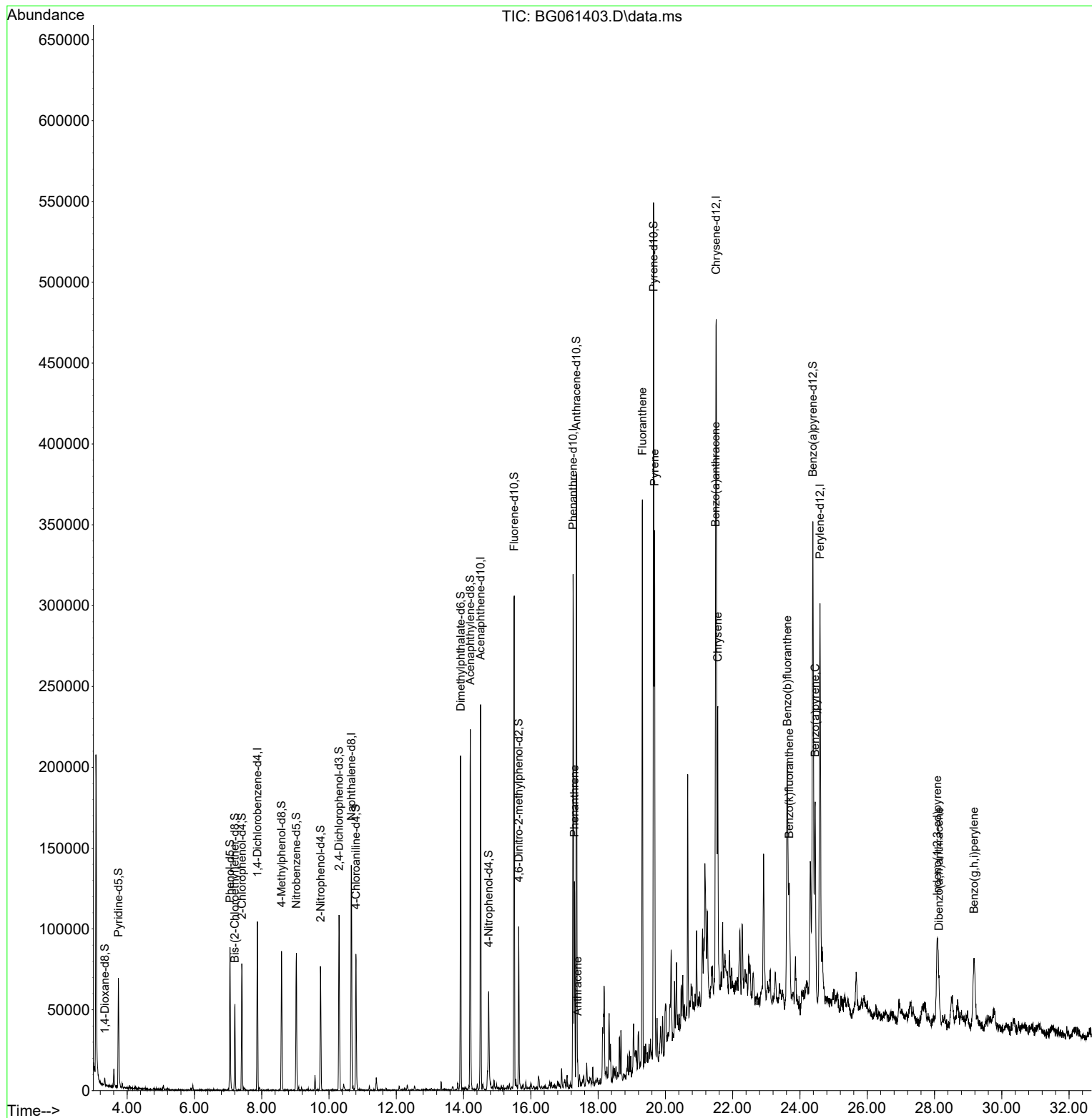
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
 Data File : BG061403.D
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 ALS Vial : 13 Sample Multiplier: 1

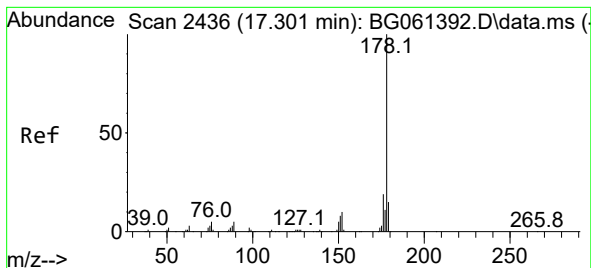
Instrument :
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#72

Phenanthrene

Concen: 8.542 ng/ul

RT: 17.297 min Scan# 2435

Delta R.T. -0.002 min

Lab File: BG061403.D

Acq: 31 May 2024 21:37

Instrument :

BNA_G

ClientSampleId :

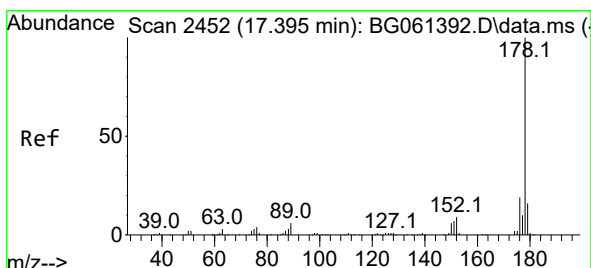
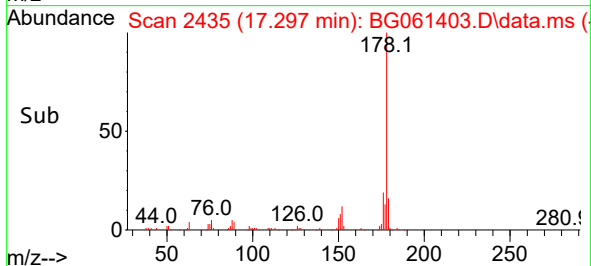
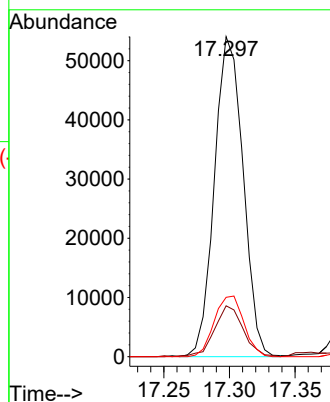
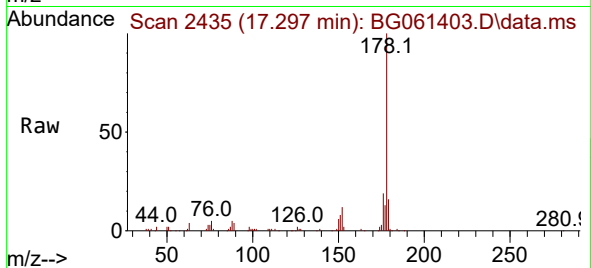
BH6E5

Tgt Ion:178	Resp:	82070
Ion Ratio	Lower	Upper
178	100	
179	15.9	12.7 19.1
176	18.5	15.5 23.3

Manual Integrations

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Supervised By :mohammad ahmed 06/04/2024



#74

Anthracene

Concen: 1.100 ng/ul

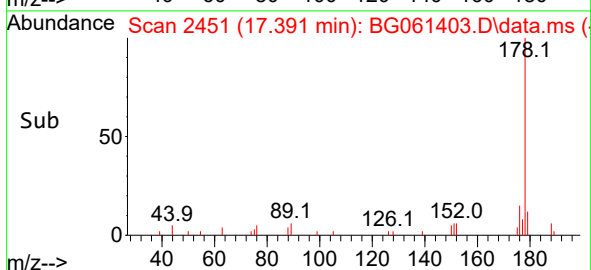
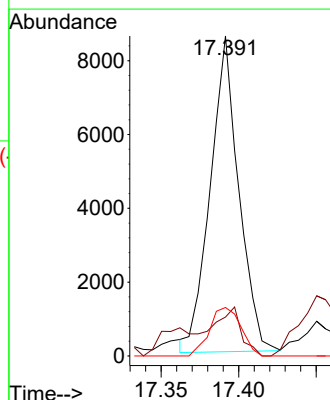
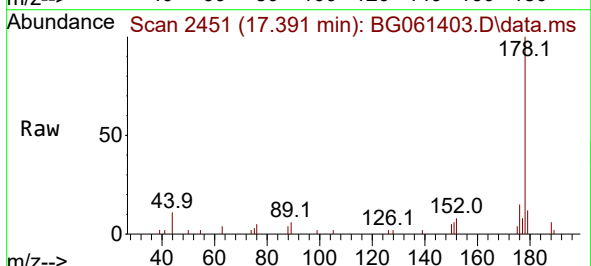
RT: 17.391 min Scan# 2451

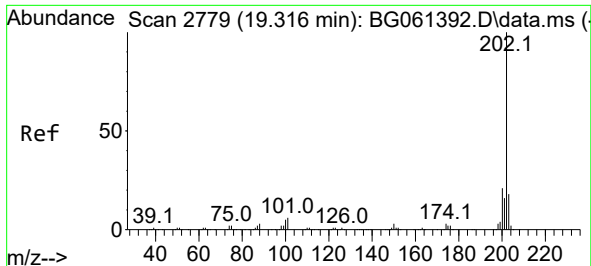
Delta R.T. -0.002 min

Lab File: BG061403.D

Acq: 31 May 2024 21:37

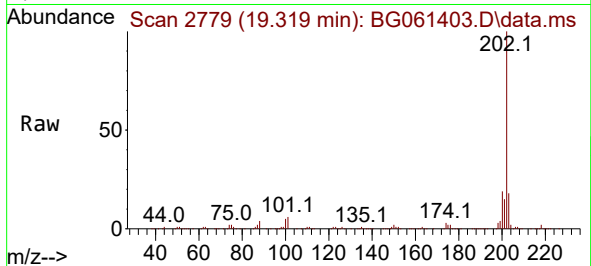
Tgt Ion:178	Resp:	10923
Ion Ratio	Lower	Upper
178	100	
179	12.2	11.8 17.6
176	15.2	14.9 22.3





#80
Fluoranthene
Concen: 17.571 ng/ul
RT: 19.319 min Scan# 21
Delta R.T. 0.004 min
Lab File: BG061403.D
Acq: 31 May 2024 21:37

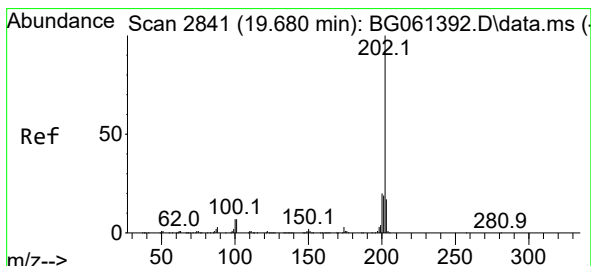
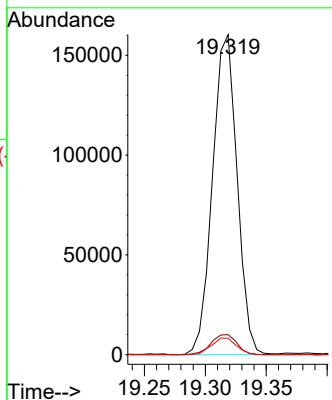
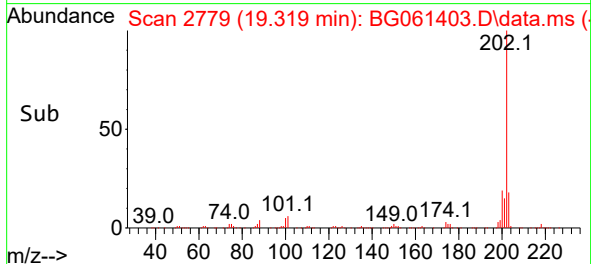
Instrument :
BNA_G
ClientSampleId :
BH6E5



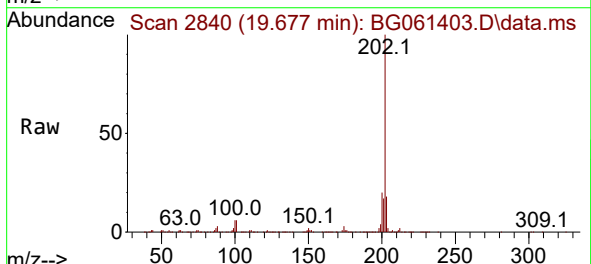
Tgt Ion:202 Resp: 22513
Ion Ratio Lower Upper
202 100
101 6.3 4.8 7.2
100 5.1 4.1 6.1

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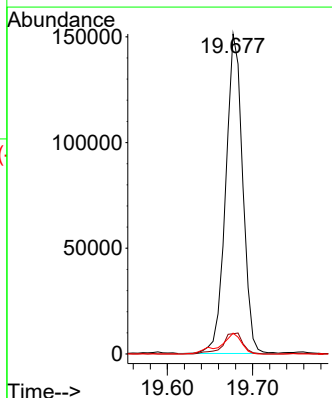
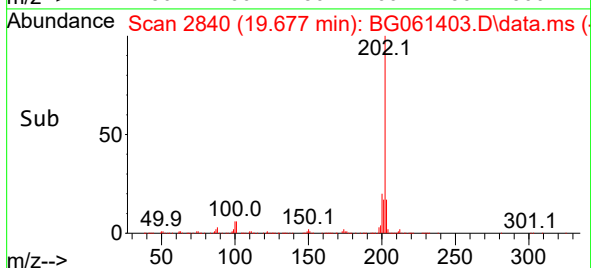
Reviewed By :Jagrut Upadhyay 06/03/2024
Supervised By :mohammad ahmed 06/04/2024

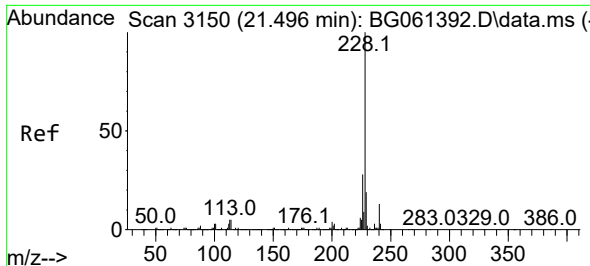


#82
Pyrene
Concen: 15.783 ng/ul
RT: 19.677 min Scan# 2840
Delta R.T. -0.002 min
Lab File: BG061403.D
Acq: 31 May 2024 21:37



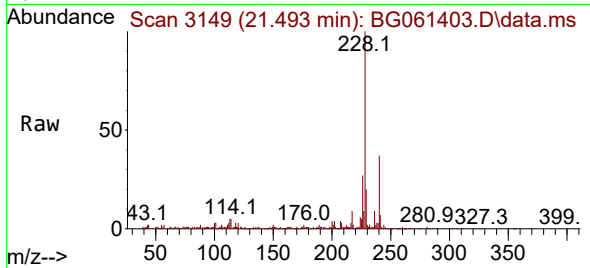
Tgt Ion:202 Resp: 209908
Ion Ratio Lower Upper
202 100
101 6.3 5.7 8.5
100 6.5 5.1 7.7





#85
Benzo(a)anthracene
Concen: 8.485 ng/ul
RT: 21.493 min Scan# 3150
Delta R.T. -0.002 min
Lab File: BG061403.D
Acq: 31 May 2024 21:37

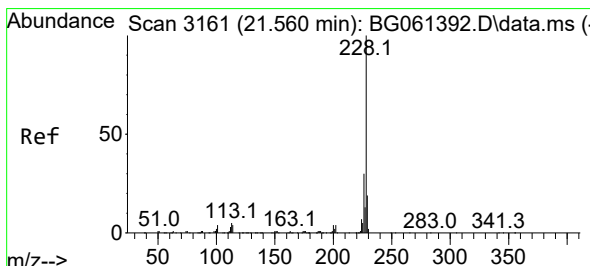
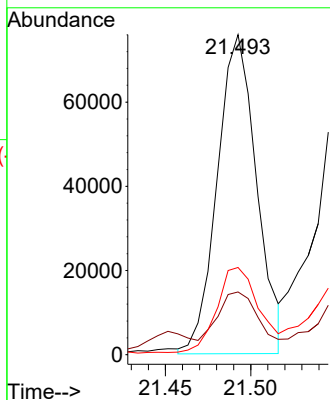
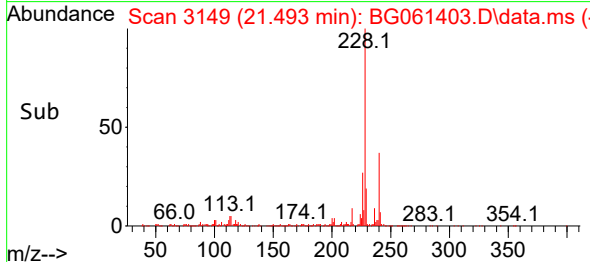
Instrument :
BNA_G
ClientSampleId :
BH6E5



Tgt Ion:228 Resp: 121790
Ion Ratio Lower Upper
228 100
229 19.6 15.2 22.8
226 27.2 21.4 32.2

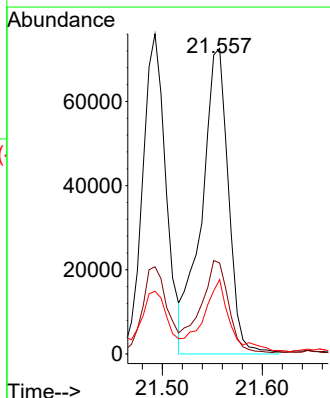
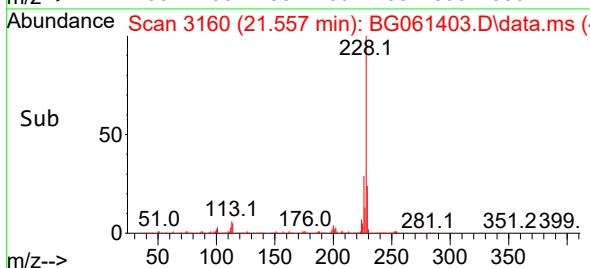
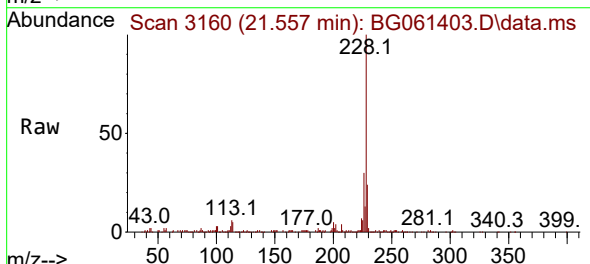
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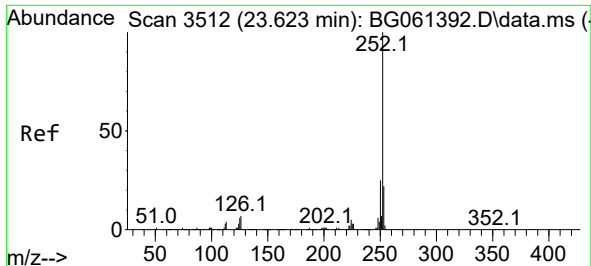
Reviewed By :Jagrut Upadhyay 06/03/2024
Supervised By :mohammad ahmed 06/04/2024



#87
Chrysene
Concen: 10.275 ng/ul m
RT: 21.557 min Scan# 3160
Delta R.T. 0.004 min
Lab File: BG061403.D
Acq: 31 May 2024 21:37

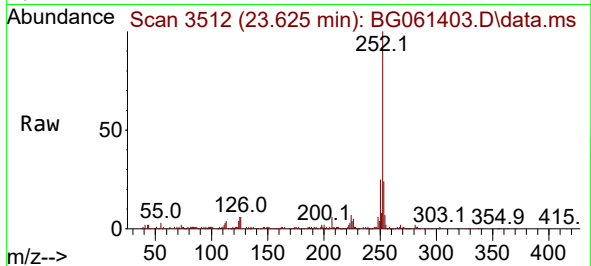
Tgt Ion:228 Resp: 135795
Ion Ratio Lower Upper
228 100
226 29.8 23.4 35.0
229 24.3 15.4 23.2#





#90
Benzo(b)fluoranthene
Concen: 13.210 ng/ul
RT: 23.625 min Scan# 3512
Delta R.T. 0.010 min
Lab File: BG061403.D
Acq: 31 May 2024 21:37

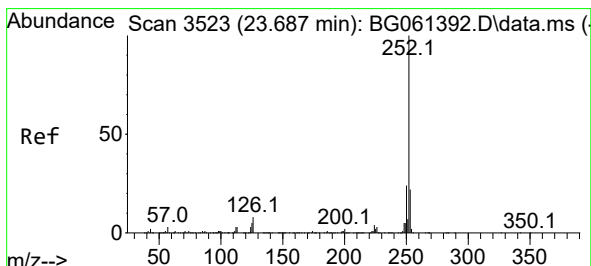
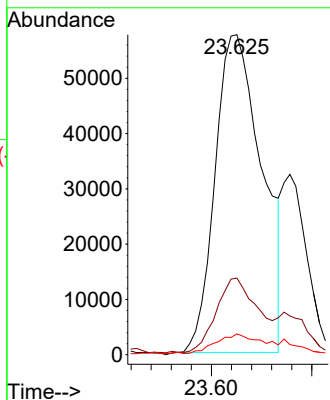
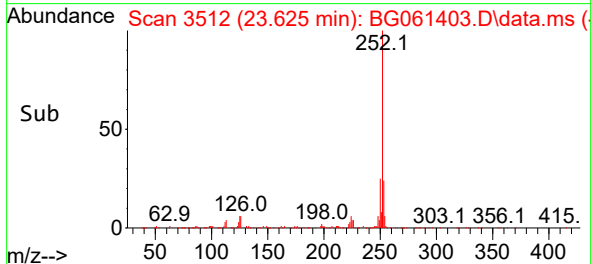
Instrument :
BNA_G
ClientSampleId :
BH6E5



Tgt Ion:252 Resp: 18672
Ion Ratio Lower Upper
252 100
253 24.0 17.8 26.8
125 6.5 4.6 6.8

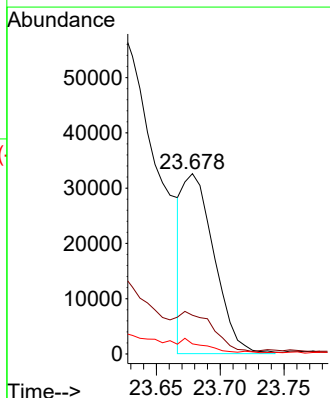
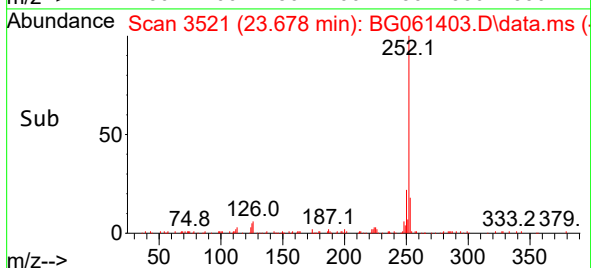
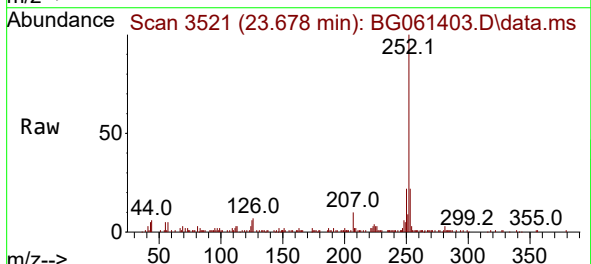
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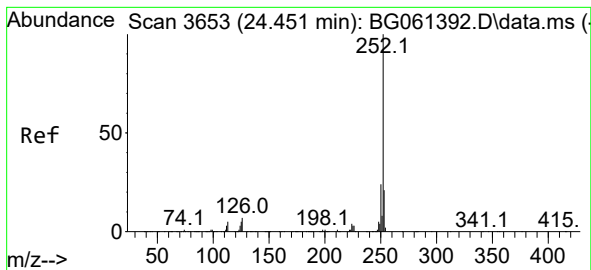
Reviewed By :Jagrut Upadhyay 06/03/2024
Supervised By :mohammad ahmed 06/04/2024



#91
Benzo(k)fluoranthene
Concen: 3.868 ng/ul m
RT: 23.678 min Scan# 3521
Delta R.T. -0.002 min
Lab File: BG061403.D
Acq: 31 May 2024 21:37

Tgt Ion:252 Resp: 55511
Ion Ratio Lower Upper
252 100
253 21.5 16.0 24.0
125 5.6 4.3 6.5





#93

Benzo(a)pyrene

Concen: 9.376 ng/ul

RT: 24.454 min Scan# 30

Delta R.T. 0.004 min

Lab File: BG061403.D

Acq: 31 May 2024 21:37

Instrument :

BNA_G

ClientSampleId :

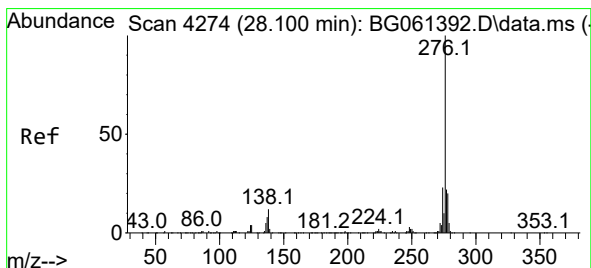
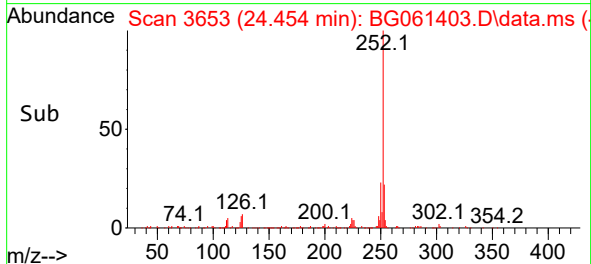
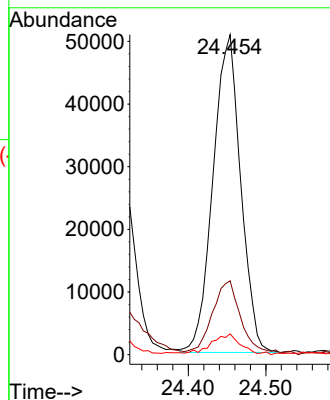
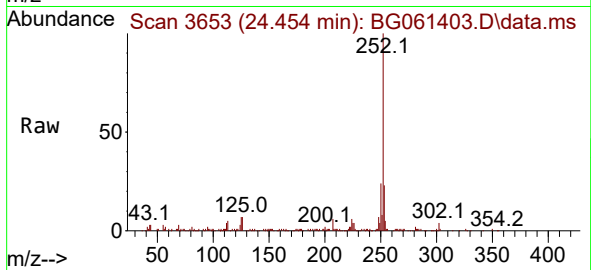
BH6E5

Tgt Ion:252 Resp: 12585
 Ion Ratio Lower Upper
 252 100
 253 23.1 16.4 24.6
 125 6.5 4.3 6.5

Manual Integrations

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#94

Indeno(1,2,3-cd)pyrene

Concen: 5.667 ng/ul

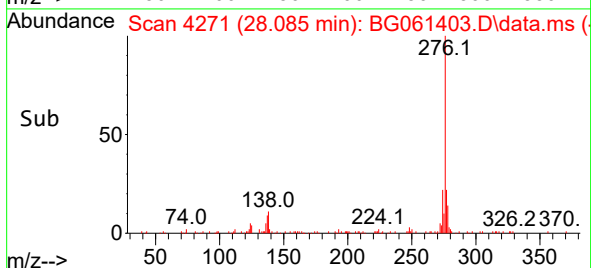
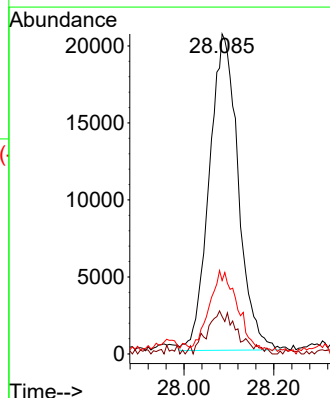
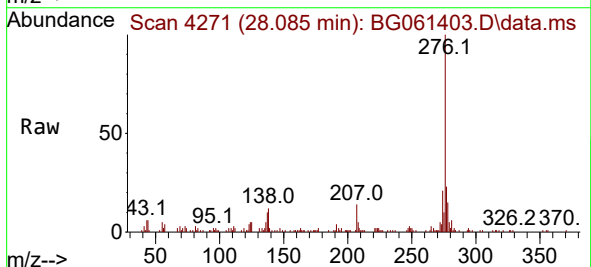
RT: 28.085 min Scan# 4271

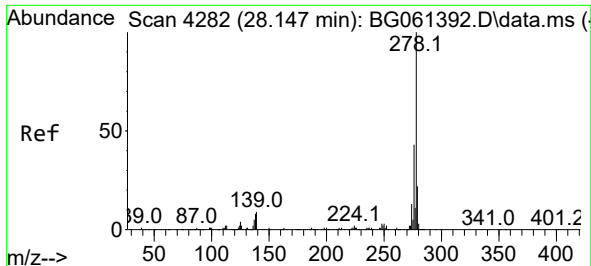
Delta R.T. -0.008 min

Lab File: BG061403.D

Acq: 31 May 2024 21:37

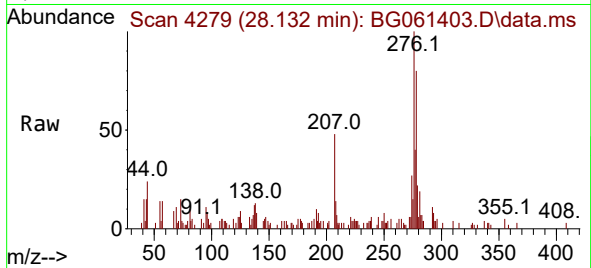
Tgt Ion:276 Resp: 91989
 Ion Ratio Lower Upper
 276 100
 138 11.7 8.6 13.0
 277 22.9 19.7 29.5





#95
Dibenzo(a,h)anthracene
Concen: 1.875 ng/ul m
RT: 28.132 min Scan# 41
Delta R.T. -0.008 min
Lab File: BG061403.D
Acq: 31 May 2024 21:37

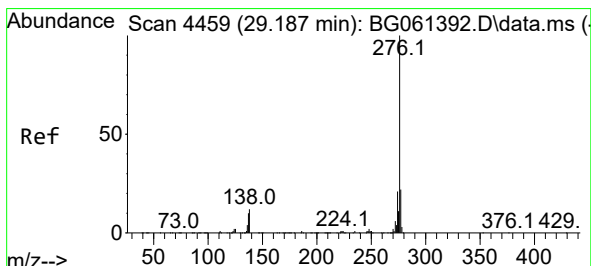
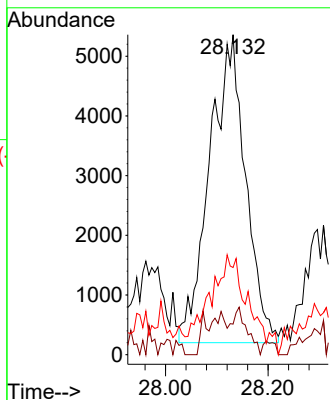
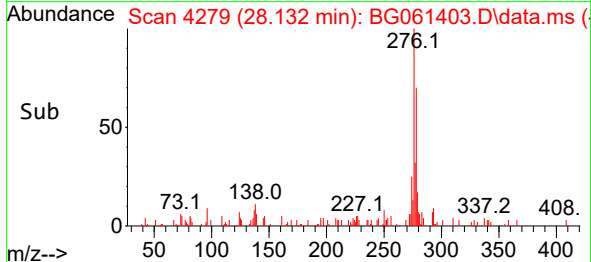
Instrument :
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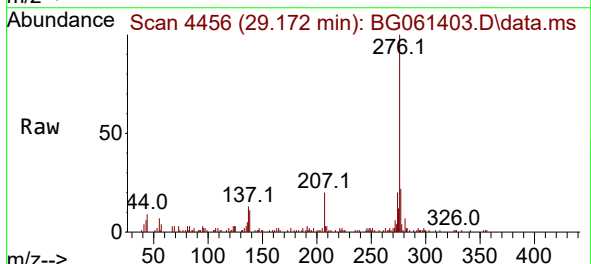
Tgt Ion:278 Resp: 25098
Ion Ratio Lower Upper
278 100
139 9.6 6.4 9.6
279 27.2 19.9 29.9

Manual Integrations
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Supervised By :mohammad ahmed 06/04/2024



#96
Benzo(g,h,i)perylene
Concen: 7.101 ng/ul m
RT: 29.172 min Scan# 4456
Delta R.T. -0.002 min
Lab File: BG061403.D
Acq: 31 May 2024 21:37



Tgt Ion:276 Resp: 91700
Ion Ratio Lower Upper
276 100
138 11.2 8.7 13.1
277 21.5 18.2 27.2

