

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
 Data File : BG061482.D
 Acq On : 5 Jun 2024 10:00
 Operator : MA/JU
 Sample : P2589-02DL 2X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BH5W3DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/06/2024
 Supervised By :mohammad ahmed 06/07/2024

Quant Time: Jun 05 23:31:17 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	7.876	152	34802	20.000	ng/u1	0.00
20) Naphthalene-d8	10.667	136	140776	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.515	164	109172	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.265	188	251086m	20.000	ng/u1	0.00
79) Chrysene-d12	21.525	240	241372	20.000	ng/u1	0.01
88) Perylene-d12	24.621	264	283006	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	1190	1.914	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.065	99	29262	10.239	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	7.206	67	19598	10.910	ng/u1	0.00
11) 2-Chlorophenol-d4	7.418	132	24892	11.769	ng/u1	0.00
15) 4-Methylphenol-d8	8.605	113	19262	7.904	ng/u1	0.01
21) Nitrobenzene-d5	9.034	128	13376	12.341	ng/u1	0.00
24) 2-Nitrophenol-d4	9.756	143	15687	12.367	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.309	165	30578	12.365	ng/u1	0.00
31) 4-Chloroaniline-d4	10.814	131	4769	1.474	ng/u1	0.01
46) Dimethylphthalate-d6	13.916	166	109460	12.928	ng/u1	0.00
49) Acenaphthylene-d8	14.204	160	118104	13.417	ng/u1	0.00
54) 4-Nitrophenol-d4	14.774	143	4961	4.739	ng/u1	0.04
60) Fluorene-d10	15.508	176	96362	13.182	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.655	200	10301m	6.783	ng/u1	0.02
73) Anthracene-d10	17.365	188	152430	13.770	ng/u1	0.00
81) Pyrene-d10	19.656	212	189531	15.293	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.416	264	192724	14.165	ng/u1	0.03
Target Compounds					Qvalue	
72) Phenanthrene	17.306	178	218833m	17.957	ng/u1	
74) Anthracene	17.400	178	28875	2.292	ng/u1	99
77) Carbazole	17.671	167	23531m	2.296	ng/u1	
80) Fluoranthene	19.327	202	726657	48.876	ng/u1	100
82) Pyrene	19.692	202	661688	42.876	ng/u1	98
83) Butylbenzylphthalate	20.573	149	10770	2.031	ng/u1#	84
85) Benzo(a)anthracene	21.501	228	378265	22.712	ng/u1	97
86) Bis(2-ethylhexyl)phtha...	21.407	149	51595	6.575	ng/u1#	97
87) Chrysene	21.566	228	418935	27.318	ng/u1	98
90) Benzo(b)fluoranthene	23.646	252	600287	35.625	ng/u1	98
91) Benzo(k)fluoranthene	23.699	252	193314m	11.301	ng/u1	
93) Benzo(a)pyrene	24.480	252	391028	24.439	ng/u1	95
94) Indeno(1,2,3-cd)pyrene	28.135	276	279325	14.436	ng/u1	99
95) Dibenzo(a,h)anthracene	28.158	278	70867m	4.442	ng/u1	
96) Benzo(g,h,i)perylene	29.228	276	235839m	15.321	ng/u1	

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

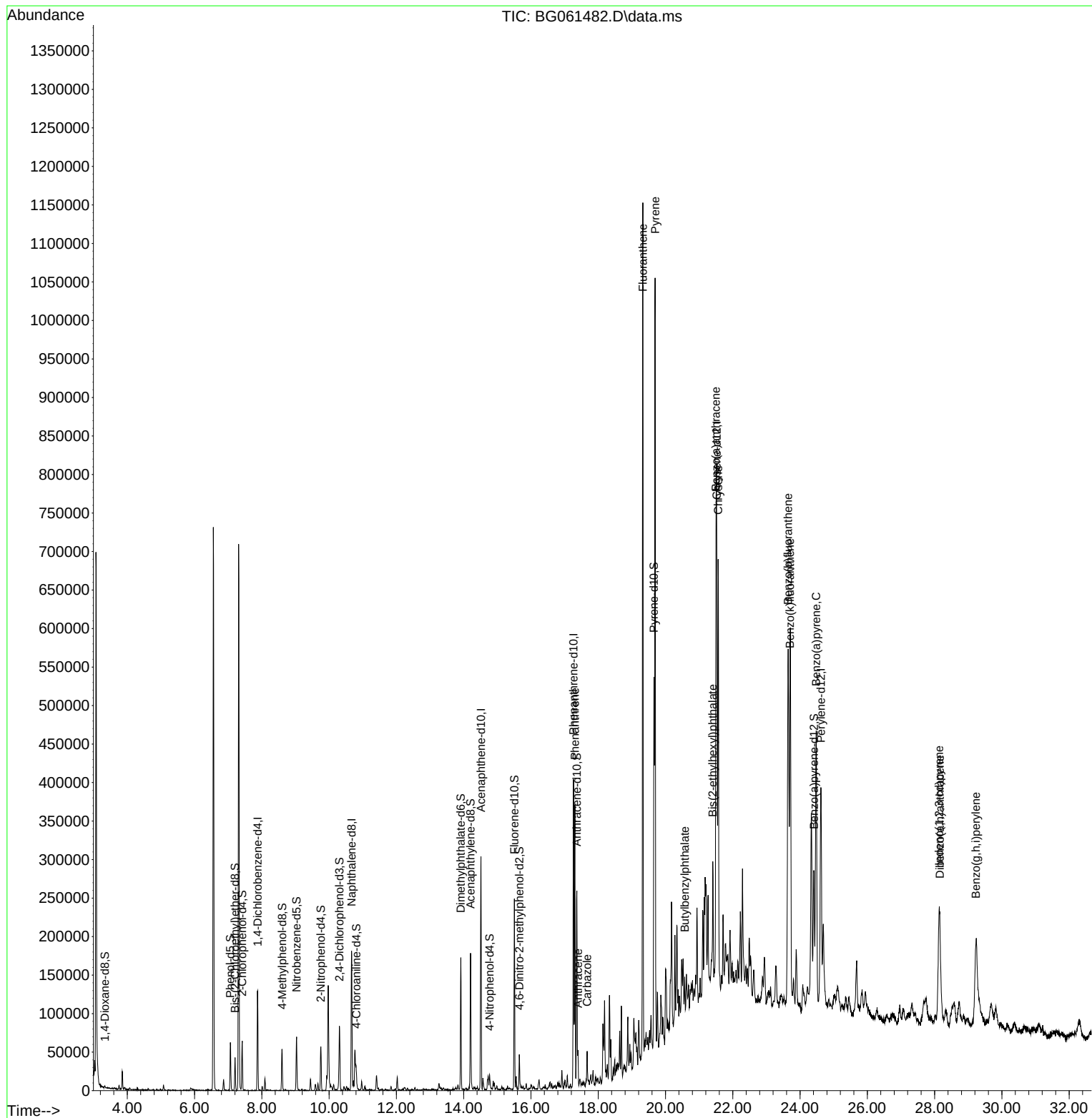
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061482.D
Acq On : 5 Jun 2024 10:00
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ALS Vial : 25 Sample Multiplier: 1

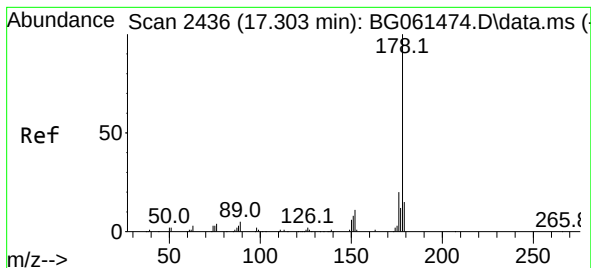
Instrument :
BNA_G
ClientSampleId :
BH5W3DL

Quant Time: Jun 05 23:31:17 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

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Supervised By :mohammad ahmed 06/07/2024





#72

Phenanthrene

Concen: 17.957 ng/ul m

RT: 17.306 min Scan# 2436

Delta R.T. 0.007 min

Lab File: BG061482.D

Acq: 5 Jun 2024 10:00

Instrument :

BNA_G

ClientSampleId :

BH5W3DL

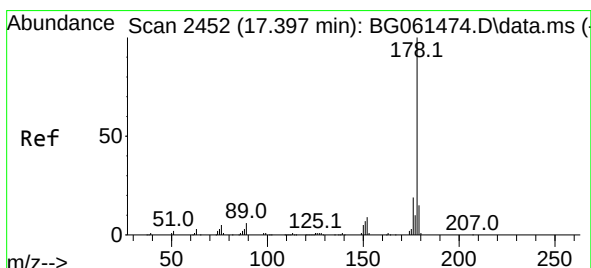
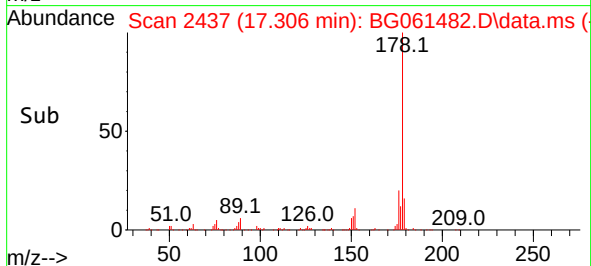
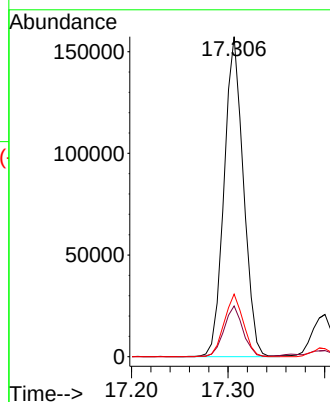
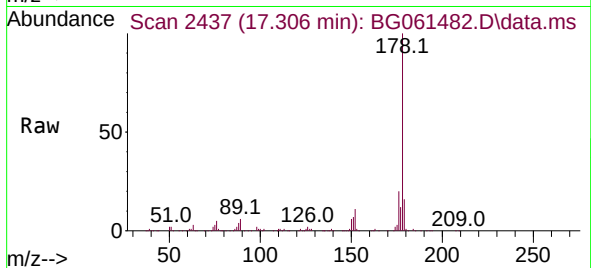
Tgt Ion:178 Resp: 21883

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.7	19.1
176	19.5	15.5	23.3

Manual Integrations

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#74

Anthracene

Concen: 2.292 ng/ul

RT: 17.400 min Scan# 2453

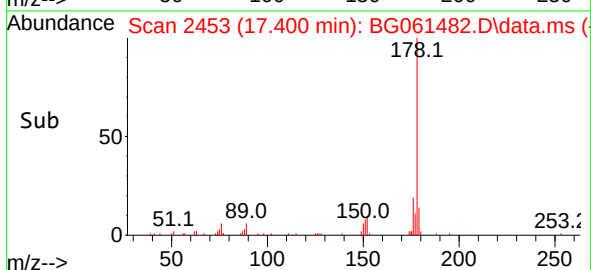
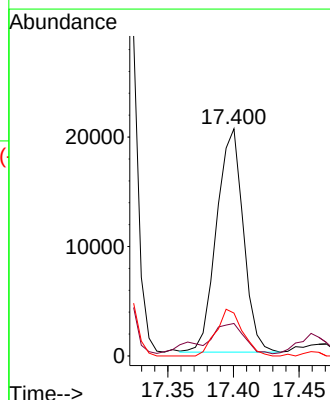
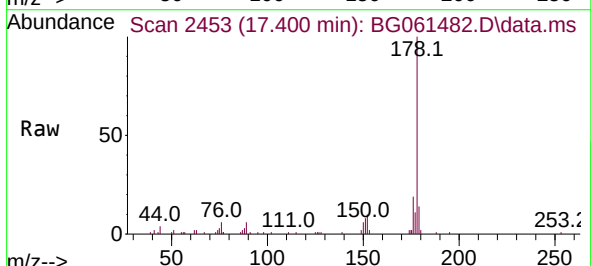
Delta R.T. 0.007 min

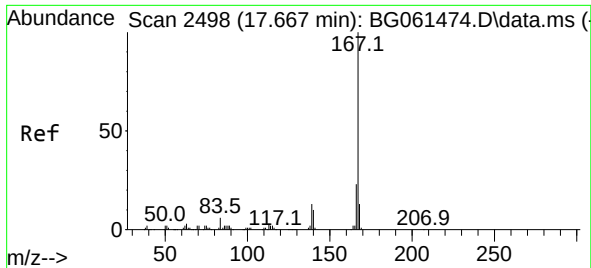
Lab File: BG061482.D

Acq: 5 Jun 2024 10:00

Tgt Ion:178 Resp: 28875

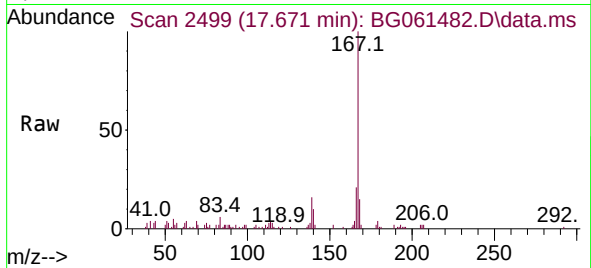
Ion	Ratio	Lower	Upper
178	100		
179	14.3	11.8	17.6
176	18.9	14.9	22.3





#77
 Carbazole
 Concen: 2.296 ng/ul m
 RT: 17.671 min Scan# 2498
 Delta R.T. 0.007 min
 Lab File: BG061482.D
 Acq: 5 Jun 2024 10:00

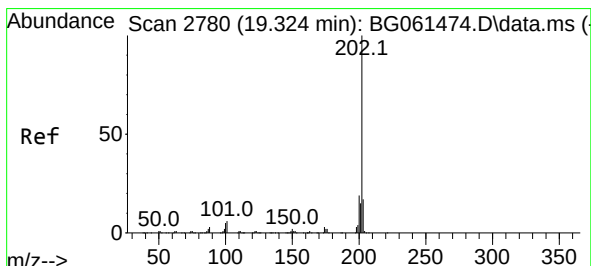
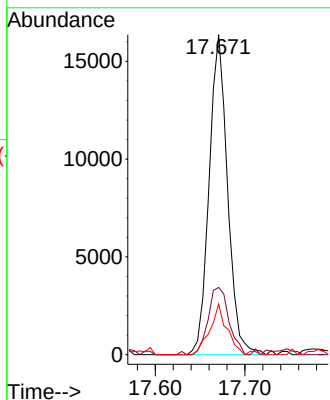
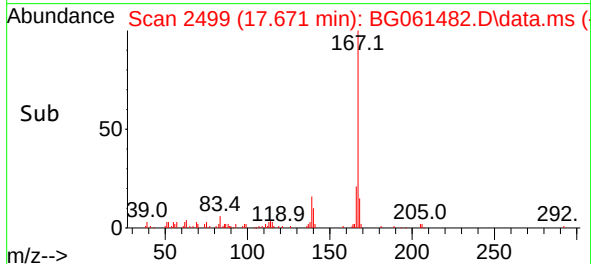
Instrument :
 BNA_G
 ClientSampleId :
 BH5W3DL



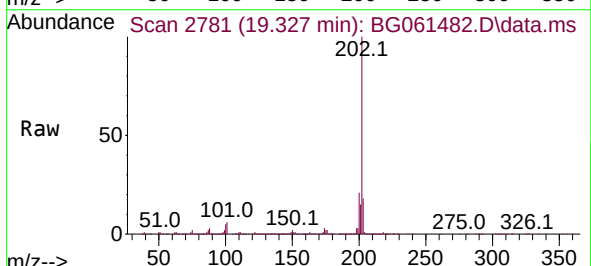
Tgt Ion:167 Resp: 2353
 Ion Ratio Lower Upper
 167 100
 166 21.0 18.6 28.0
 139 15.9 10.6 15.8

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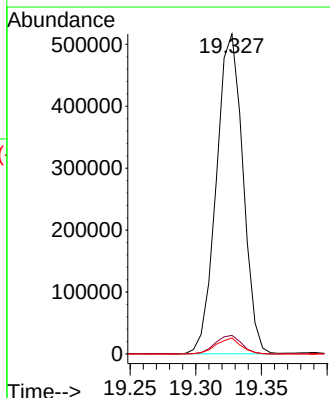
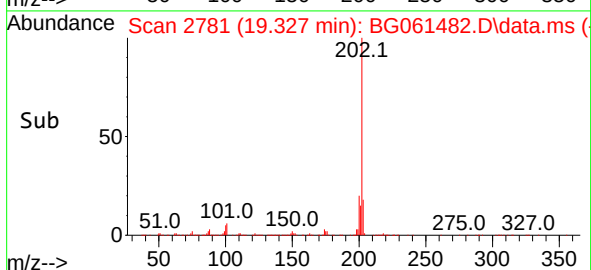
Reviewed By :Jagrut Upadhyay 06/06/2024
 Supervised By :mohammad ahmed 06/07/2024

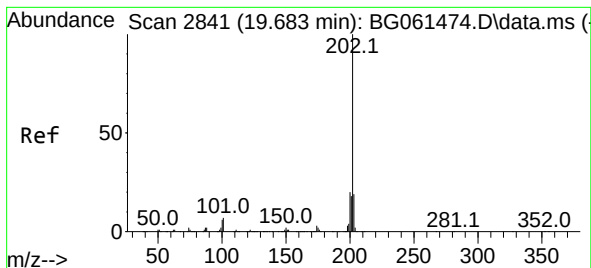


#80
 Fluoranthene
 Concen: 48.876 ng/ul
 RT: 19.327 min Scan# 2781
 Delta R.T. 0.013 min
 Lab File: BG061482.D
 Acq: 5 Jun 2024 10:00



Tgt Ion:202 Resp: 726657
 Ion Ratio Lower Upper
 202 100
 101 5.8 4.8 7.2
 100 5.0 4.1 6.1





#82

Pyrene

Concen: 42.876 ng/ul

RT: 19.692 min Scan# 21

Delta R.T. 0.013 min

Lab File: BG061482.D

Acq: 5 Jun 2024 10:00

Instrument :

BNA_G

ClientSampleId :

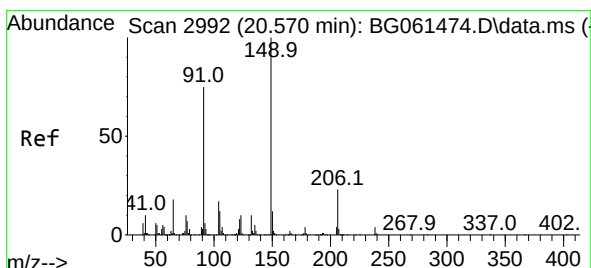
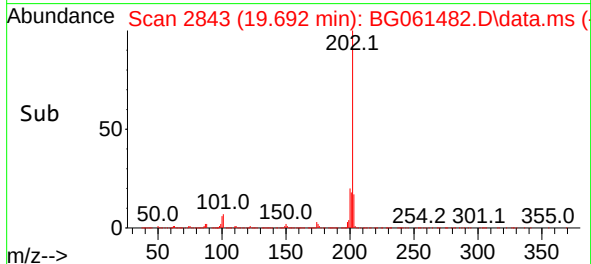
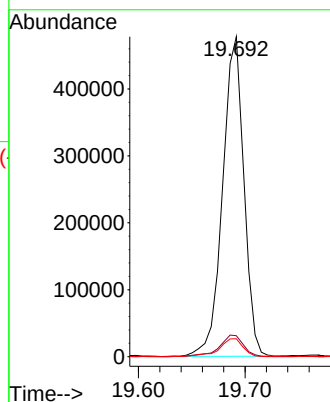
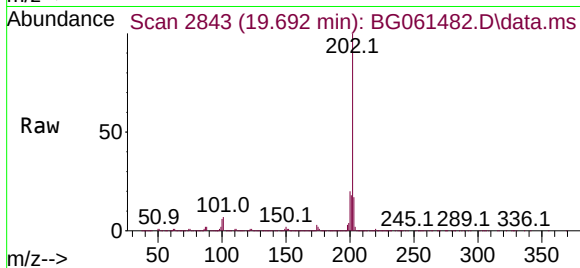
BH5W3DL

Tgt Ion:	202	Resp:	66168
Ion Ratio	Lower	Upper	
202	100		
101	6.5	5.7	8.5
100	5.6	5.1	7.7

Manual Integrations

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Supervised By :mohammad ahmed 06/07/2024



#83

Butylbenzylphthalate

Concen: 2.031 ng/ul

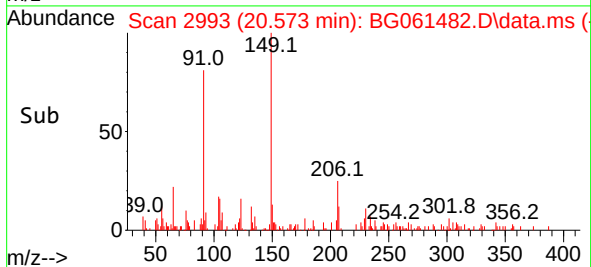
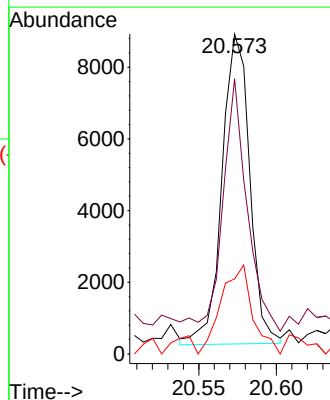
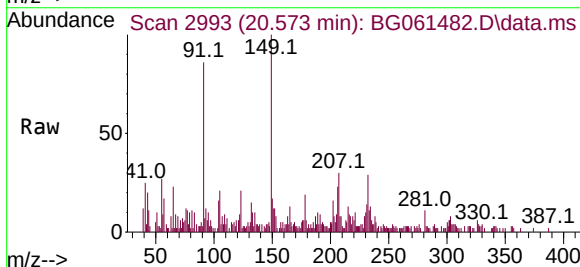
RT: 20.573 min Scan# 2993

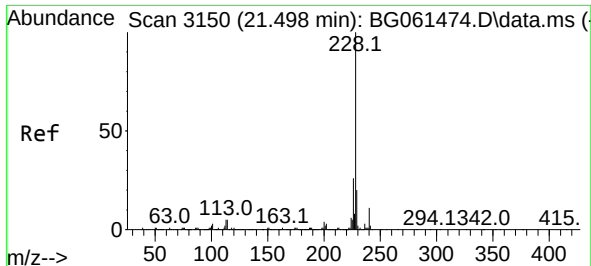
Delta R.T. 0.001 min

Lab File: BG061482.D

Acq: 5 Jun 2024 10:00

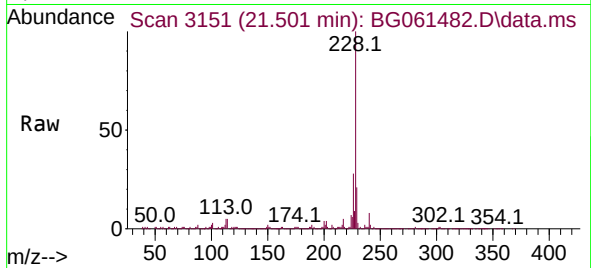
Tgt Ion:	149	Resp:	10770
Ion Ratio	Lower	Upper	
149	100		
91	86.0	54.8	82.2
206	23.5	19.4	29.0





#85
Benzo(a)anthracene
Concen: 22.712 ng/ul
RT: 21.501 min Scan# 3151
Delta R.T. 0.007 min
Lab File: BG061482.D
Acq: 5 Jun 2024 10:00

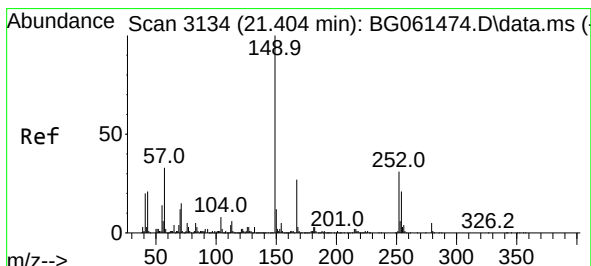
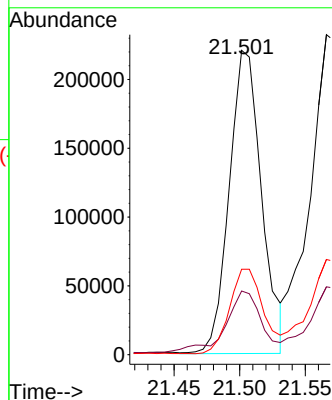
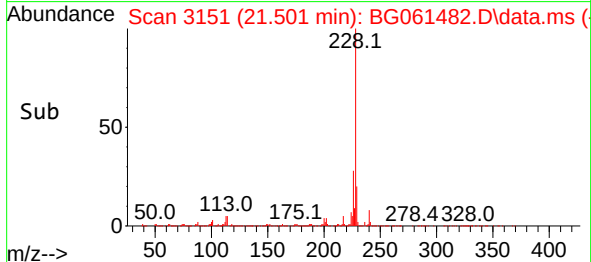
Instrument :
BNA_G
ClientSampleId :
BH5W3DL



Tgt Ion:228 Resp: 37826
Ion Ratio Lower Upper
228 100
229 20.9 15.2 22.8
226 28.1 21.4 32.2

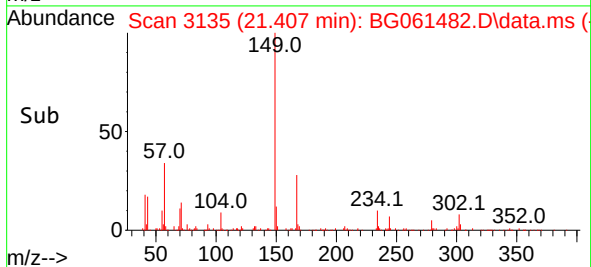
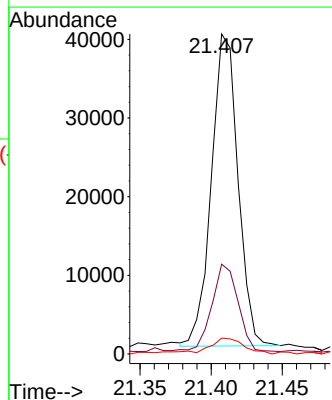
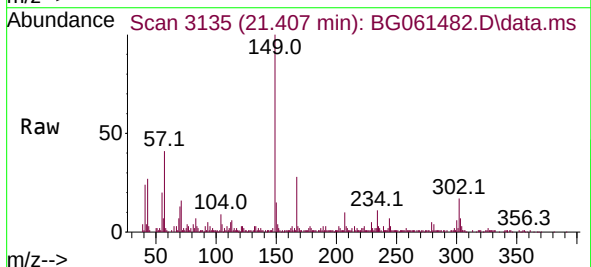
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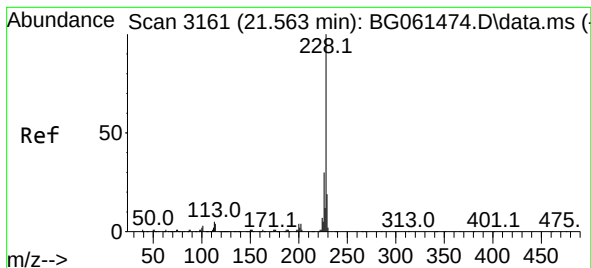
Reviewed By :Jagrut Upadhyay 06/06/2024
Supervised By :mohammad ahmed 06/07/2024



#86
Bis(2-ethylhexyl)phthalate
Concen: 6.575 ng/ul
RT: 21.407 min Scan# 3135
Delta R.T. 0.001 min
Lab File: BG061482.D
Acq: 5 Jun 2024 10:00

Tgt Ion:149 Resp: 51595
Ion Ratio Lower Upper
149 100
167 28.0 21.1 31.7
279 4.9 3.3 4.9#





#87

Chrysene

Concen: 27.318 ng/ul

RT: 21.566 min Scan# 3161

Delta R.T. 0.013 min

Lab File: BG061482.D

Acq: 5 Jun 2024 10:00

Instrument :

BNA_G

ClientSampleId :

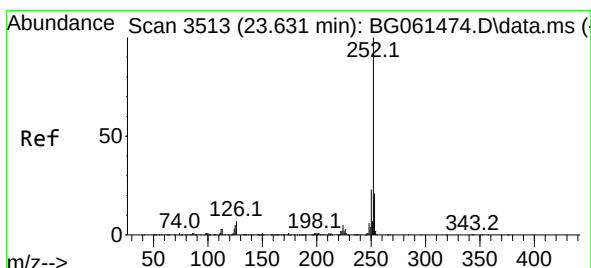
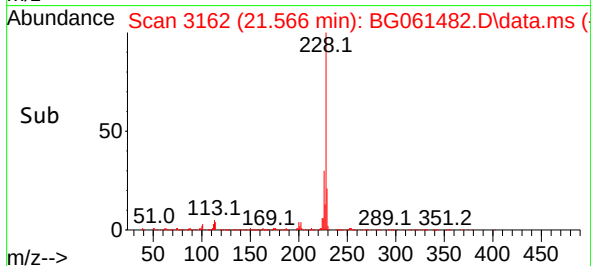
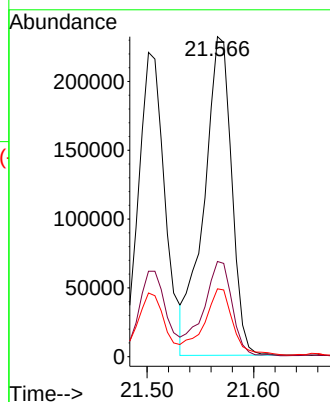
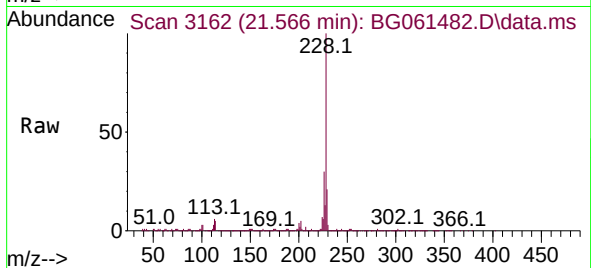
BH5W3DL

Tgt Ion:	228	Resp:	41893
Ion Ratio	Lower	Upper	
228	100		
226	29.7	23.4	35.0
229	21.2	15.4	23.2

Manual Integrations

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#90

Benzo(b)fluoranthene

Concen: 35.625 ng/ul

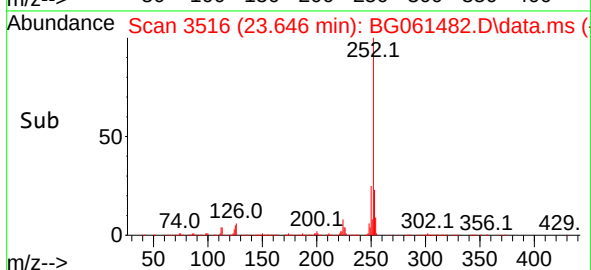
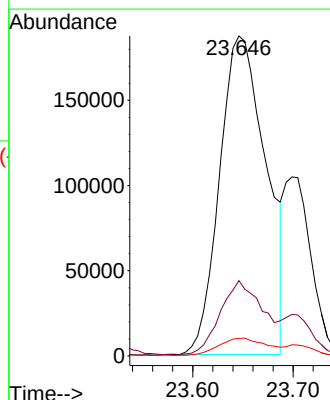
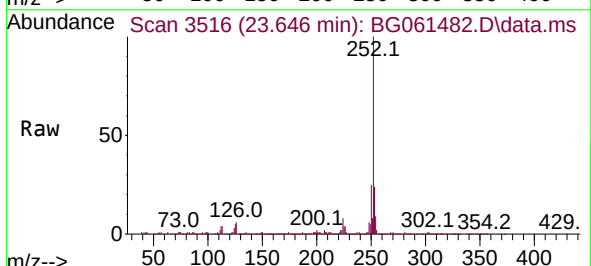
RT: 23.646 min Scan# 3516

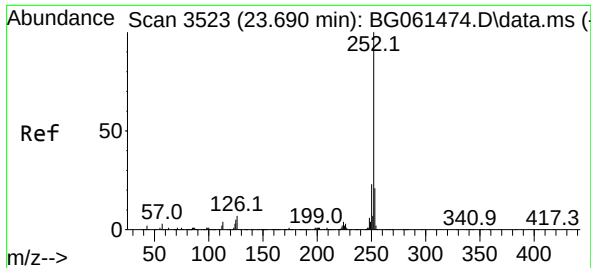
Delta R.T. 0.030 min

Lab File: BG061482.D

Acq: 5 Jun 2024 10:00

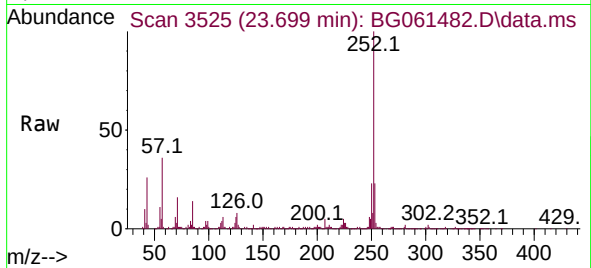
Tgt Ion:	252	Resp:	600287
Ion Ratio	Lower	Upper	
252	100		
253	23.6	17.8	26.8
125	5.5	4.6	6.8





#91
Benzo(k)fluoranthene
Concen: 11.301 ng/ul m
RT: 23.699 min Scan# 3523
Delta R.T. 0.019 min
Lab File: BG061482.D
Acq: 5 Jun 2024 10:00

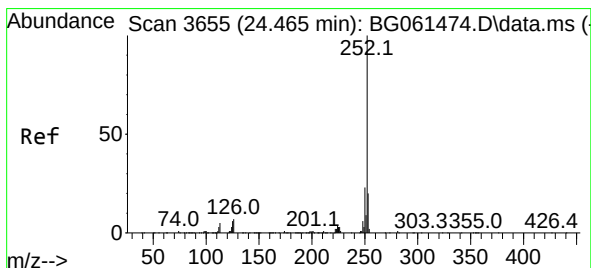
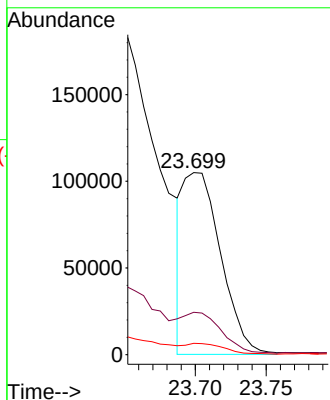
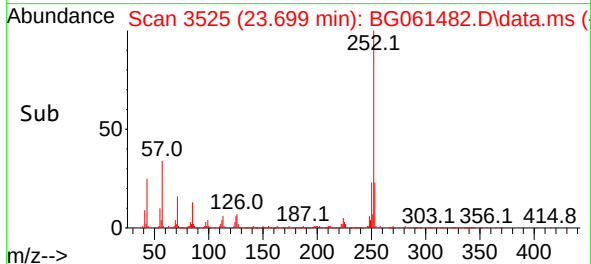
Instrument :
BNA_G
ClientSampleId :
BH5W3DL



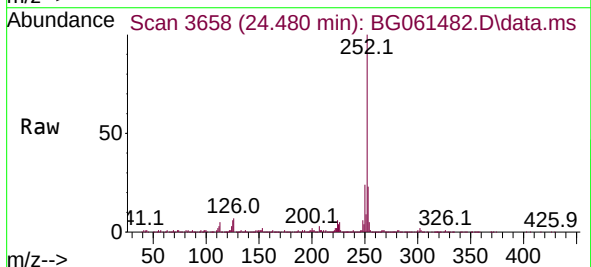
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Ion Ratio Lower Upper
252 100
253 23.3 16.0 24.0
125 6.3 4.3 6.5

Manual Integrations
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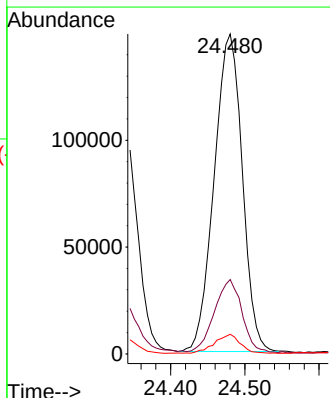
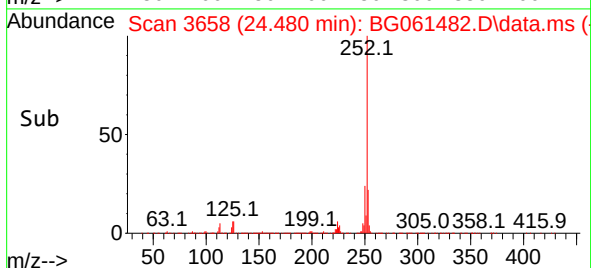
Reviewed By :Jagrut Upadhyay 06/06/2024
Supervised By :mohammad ahmed 06/07/2024

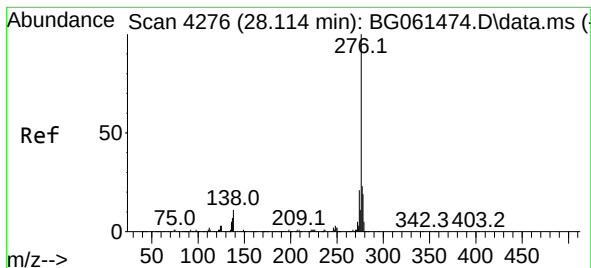


#93
Benzo(a)pyrene
Concen: 24.439 ng/ul
RT: 24.480 min Scan# 3658
Delta R.T. 0.030 min
Lab File: BG061482.D
Acq: 5 Jun 2024 10:00



Tgt Ion:252 Resp: 391028
Ion Ratio Lower Upper
252 100
253 23.2 16.4 24.6
125 6.2 4.3 6.5





#94

Indeno(1,2,3-cd)pyrene

Concen: 14.436 ng/ul

RT: 28.135 min Scan# 41

Delta R.T. 0.042 min

Lab File: BG061482.D

Acq: 5 Jun 2024 10:00

Instrument :

BNA_G

ClientSampleId :

BH5W3DL

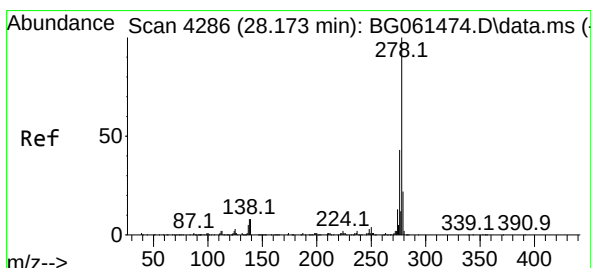
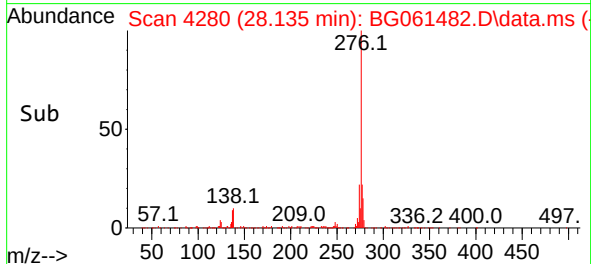
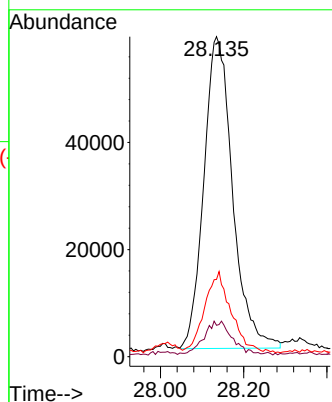
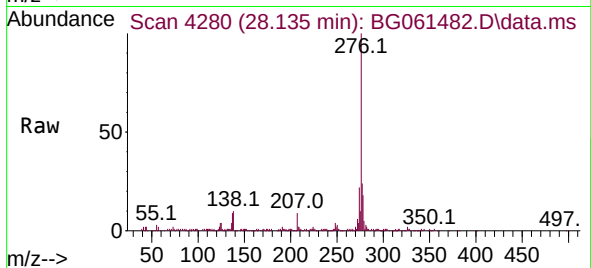
Tgt Ion: 276 Resp: 27932

Ion	Ratio	Lower	Upper
276	100		
138	9.8	8.6	13.0
277	24.1	19.7	29.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/06/2024
Supervised By :mohammad ahmed 06/07/2024



#95

Dibenzo(a,h)anthracene

Concen: 4.442 ng/ul m

RT: 28.158 min Scan# 4284

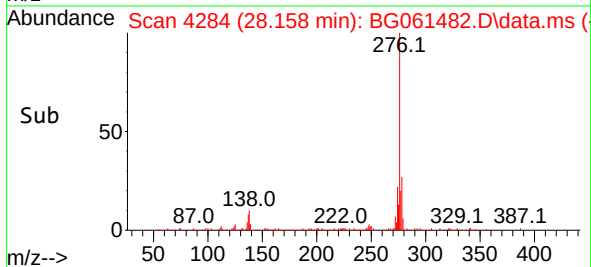
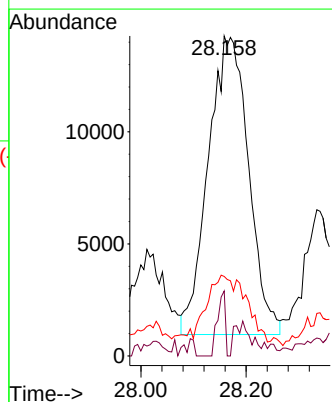
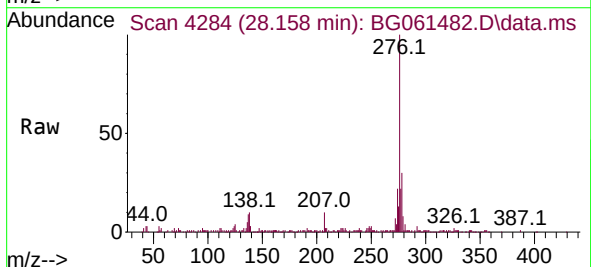
Delta R.T. 0.019 min

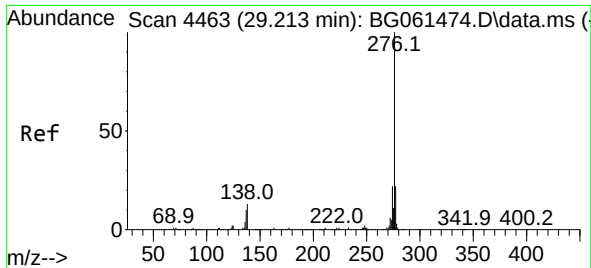
Lab File: BG061482.D

Acq: 5 Jun 2024 10:00

Tgt Ion: 278 Resp: 70867

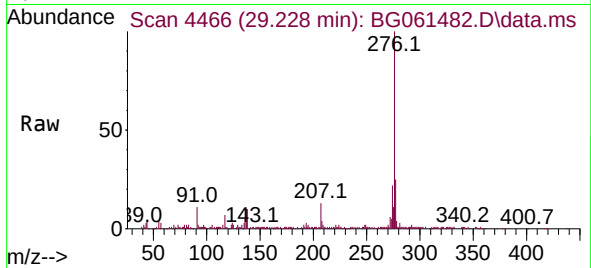
Ion	Ratio	Lower	Upper
278	100		
139	10.3	6.4	9.6#
279	24.9	19.9	29.9





#96
 Benzo(g,h,i)perylene
 Concen: 15.321 ng/ul m
 RT: 29.228 min Scan# 44
 Delta R.T. 0.054 min
 Lab File: BG061482.D
 Acq: 5 Jun 2024 10:00

Instrument :
 BNA_G
 ClientSampleId :
 BH5W3DL



Tgt Ion:276 Resp: 235839
 Ion Ratio Lower Upper
 276 100
 138 9.6 8.7 13.1
 277 25.3 18.2 27.2

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/06/2024
 Supervised By :mohammad ahmed 06/07/2024

