

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080524\
 Data File : BG062290.D
 Acq On : 7 Aug 2024 5:16
 Operator : MA/JU
 Sample : P3336-09
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 F7E37

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 08/07/2024
 Supervised By :mohammad ahmed 08/08/2024

Quant Time: Aug 07 06:15:35 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG080524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 07 01:46:39 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.957	152	46722	20.000	ng/u1	0.00
20) Naphthalene-d8	10.754	136	230067	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.578	164	179883	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.321	188	395915	20.000	ng/u1	0.00
79) Chrysene-d12	21.563	240	399895	20.000	ng/u1	0.00
88) Perylene-d12	24.653	264	452404	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.422	96	6322	5.834	ng/uL	0.00
4) Pyridine-d5	3.828	84	75252	22.075	ng/u1	0.00
7) Phenol-d5	7.112	99	171370	38.428	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.288	67	102806	37.450	ng/u1	0.00
11) 2-Chlorophenol-d4	7.488	132	123082	38.523	ng/u1	0.00
15) 4-Methylphenol-d8	8.651	113	148621	40.011	ng/u1	0.00
21) Nitrobenzene-d5	9.109	128	64900	45.748	ng/u1	0.00
24) 2-Nitrophenol-d4	9.831	143	71313	53.437	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.366	165	151007	38.959	ng/u1	0.00
31) 4-Chloroaniline-d4	10.883	131	205486	36.552	ng/u1	0.00
46) Dimethylphthalate-d6	13.990	166	531794	38.318	ng/u1	0.00
49) Acenaphthylene-d8	14.272	160	607148	38.583	ng/u1	0.00
54) 4-Nitrophenol-d4	14.754	143	79103	40.712	ng/u1	0.00
60) Fluorene-d10	15.571	176	495368	39.765	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.676	200	54771	46.712	ng/u1	0.00
73) Anthracene-d10	17.421	188	755278	39.552	ng/u1	0.00
81) Pyrene-d10	19.700	212	954483	40.157	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.447	264	998298	41.279	ng/u1	0.00
Target Compounds					Qvalue	
30) Naphthalene	10.807	128	55905	4.275	ng/u1	99
52) Acenaphthene	14.643	153	32402	2.596	ng/u1	97
56) Dibenzofuran	14.977	168	40783	2.365	ng/u1	98
61) Fluorene	15.624	166	71461	5.300	ng/u1	97
72) Phenanthrene	17.362	178	983228	44.123	ng/u1	99
74) Anthracene	17.451	178	183803	8.037	ng/u1	100
80) Fluoranthene	19.371	202	990248	36.846	ng/u1	98
82) Pyrene	19.730	202	729327	25.483	ng/u1	100
85) Benzo(a)anthracene	21.539	228	240796	8.222	ng/u1	99
87) Chrysene	21.604	228	185888	6.724	ng/u1	98
90) Benzo(b)fluoranthene	23.677	252	198564	7.215	ng/u1	99
91) Benzo(k)fluoranthene	23.736	252	67138m	2.398	ng/u1	
93) Benzo(a)pyrene	24.506	252	127118	4.882	ng/u1	100
94) Indeno(1,2,3-cd)pyrene	28.136	276	65907m	1.953	ng/u1	
96) Benzo(g,h,i)perylene	29.217	276	60603m	2.365	ng/u1	

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

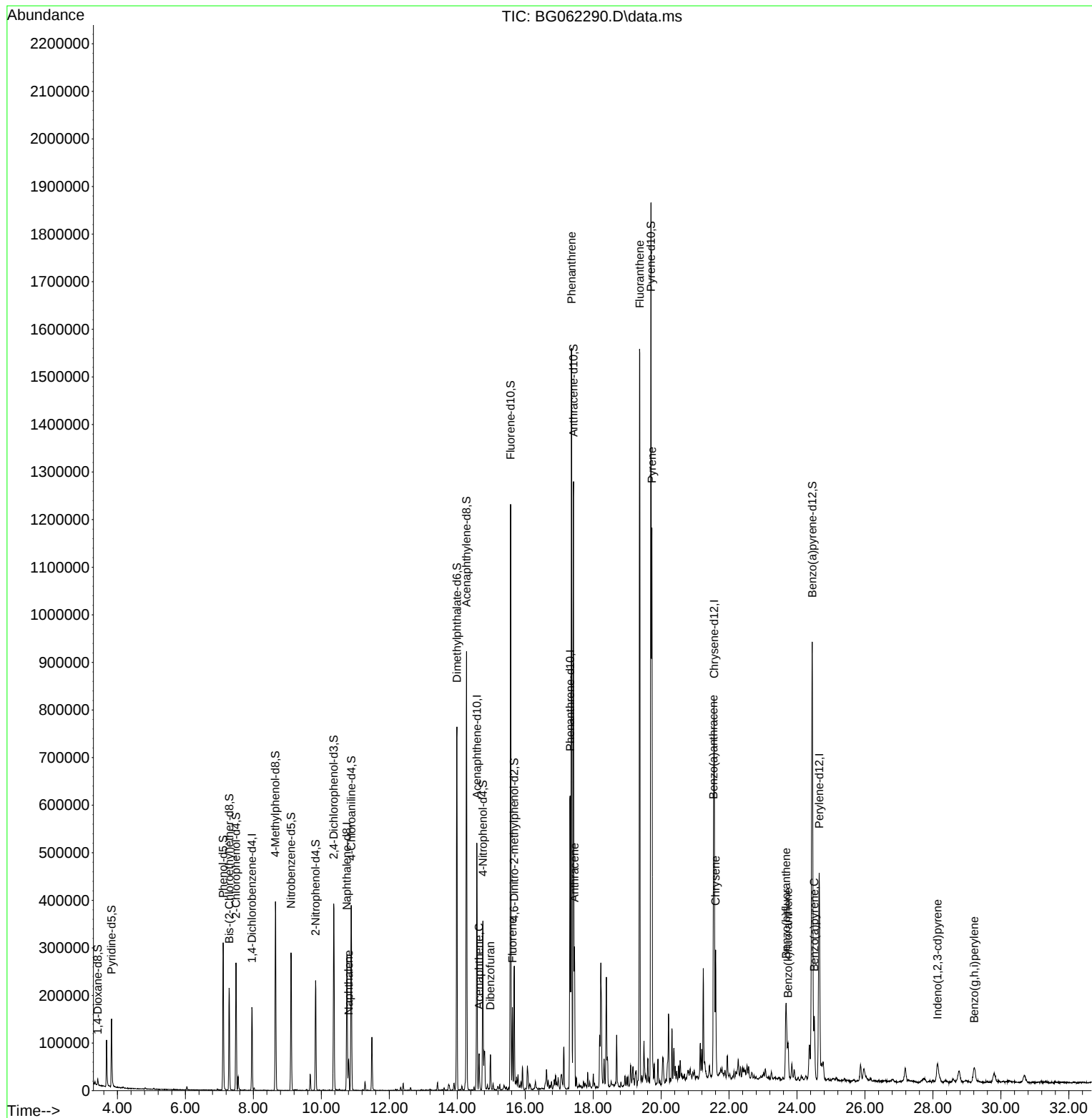
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080524\
Data File : BG062290.D
Acq On : 7 Aug 2024 5:16
Operator : MA/JU
Sample : P3336-09
Misc :
ALS Vial : 26 Sample Multiplier: 1

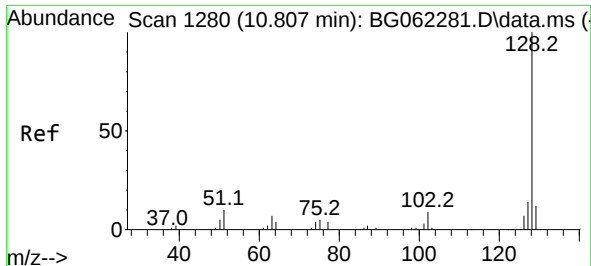
Instrument :
BNA_G
ClientSampleId :
F7E37

Quant Time: Aug 07 06:15:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG080524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 07 01:46:39 2024
Response via : Initial Calibration

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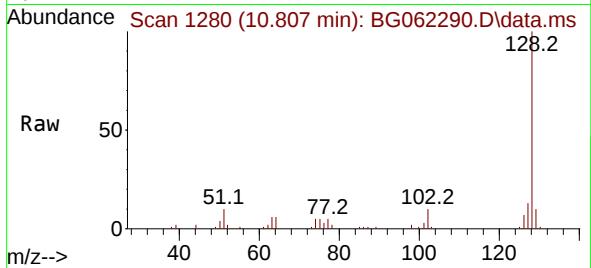
Reviewed By :Jagrut Upadhyay 08/07/2024
Supervised By :mohammad ahmed 08/08/2024





#30
Naphthalene
Concen: 4.275 ng/ul
RT: 10.807 min Scan# 1280
Delta R.T. -0.000 min
Lab File: BG062290.D
Acq: 7 Aug 2024 5:16

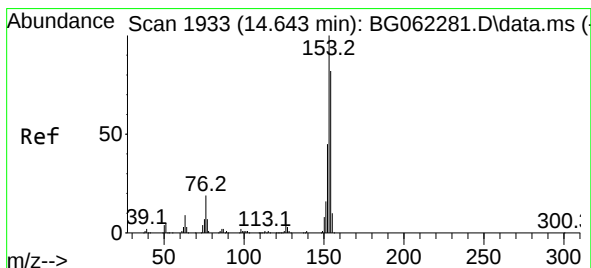
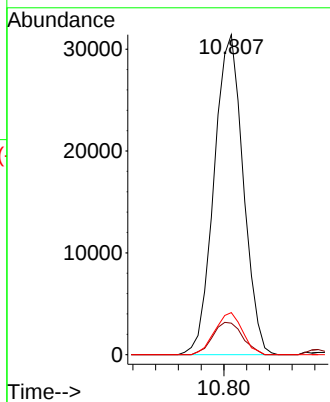
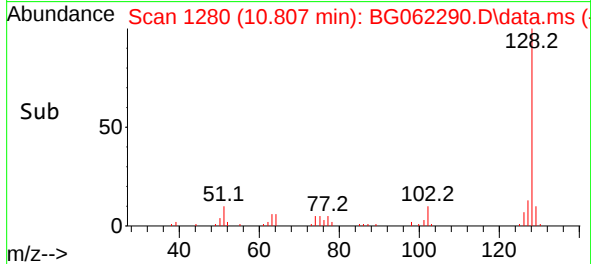
Instrument :
BNA_G
ClientSampleId :
F7E37



Tgt Ion:128 Resp: 5590
Ion Ratio Lower Upper
128 100
129 9.8 8.6 12.8
127 13.2 10.3 15.5

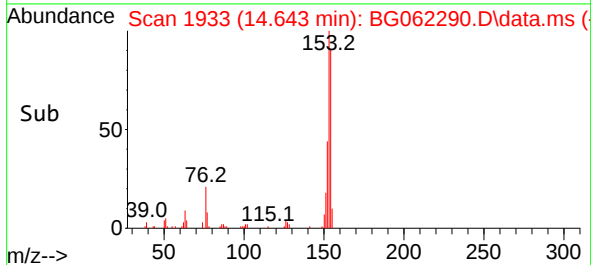
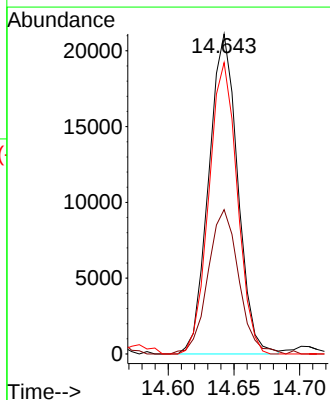
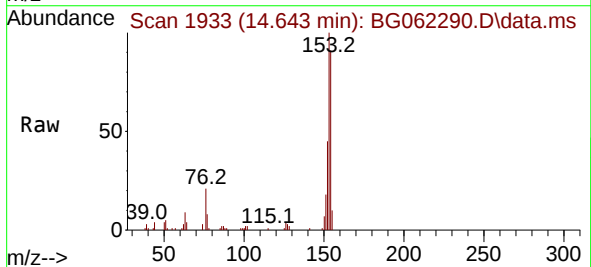
Manual Integrations
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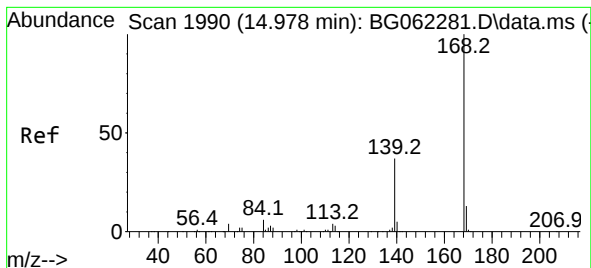
Reviewed By :Jagrut Upadhyay 08/07/2024
Supervised By :mohammad ahmed 08/08/2024



#52
Acenaphthene
Concen: 2.596 ng/ul
RT: 14.643 min Scan# 1933
Delta R.T. -0.000 min
Lab File: BG062290.D
Acq: 7 Aug 2024 5:16

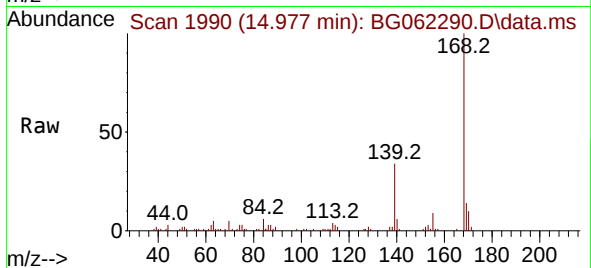
Tgt Ion:153 Resp: 32402
Ion Ratio Lower Upper
153 100
152 45.1 36.7 55.1
154 91.1 69.9 104.9





#56
Dibenzenofuran
Concen: 2.365 ng/ul
RT: 14.977 min Scan# 1990
Delta R.T. -0.000 min
Lab File: BG062290.D
Acq: 7 Aug 2024 5:16

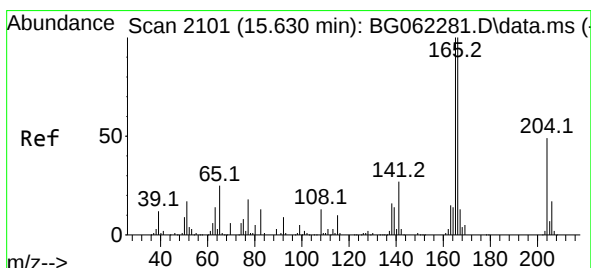
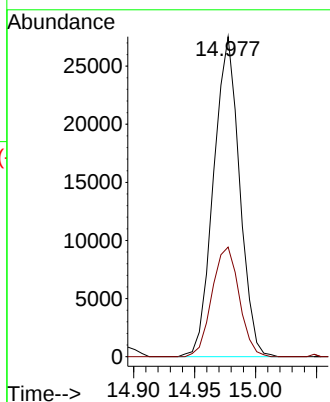
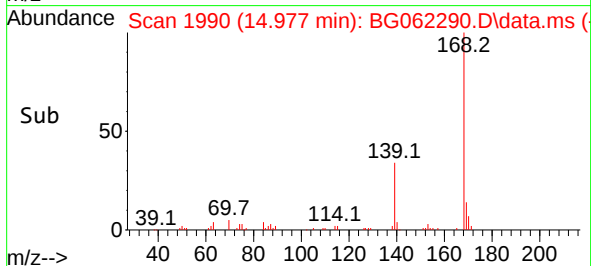
Instrument :
BNA_G
ClientSampleId :
F7E37



Tgt Ion:168 Resp: 4078
Ion Ratio Lower Upper
168 100
139 34.2 28.2 42.2

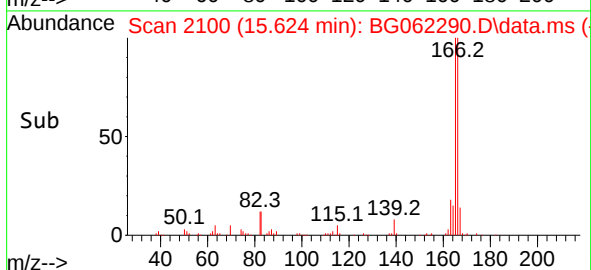
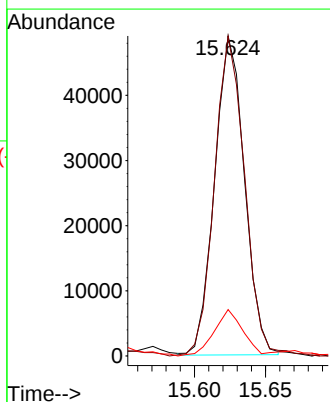
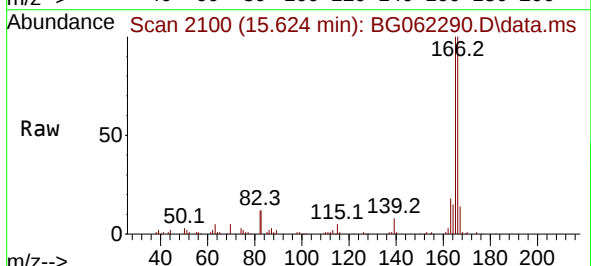
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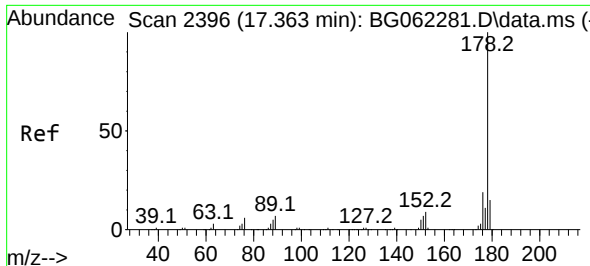
Reviewed By :Jagrut Upadhyay 08/07/2024
Supervised By :mohammad ahmed 08/08/2024



#61
Fluorene
Concen: 5.300 ng/ul
RT: 15.624 min Scan# 2100
Delta R.T. -0.006 min
Lab File: BG062290.D
Acq: 7 Aug 2024 5:16

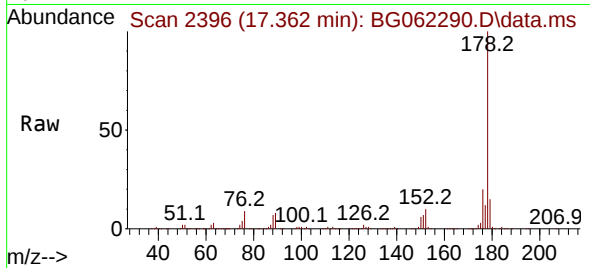
Tgt Ion:166 Resp: 71461
Ion Ratio Lower Upper
166 100
165 99.8 82.3 123.5
167 14.5 10.7 16.1





#72
Phenanthrene
Concen: 44.123 ng/ul
RT: 17.362 min Scan# 2410
Delta R.T. -0.000 min
Lab File: BG062290.D
Acq: 7 Aug 2024 5:16

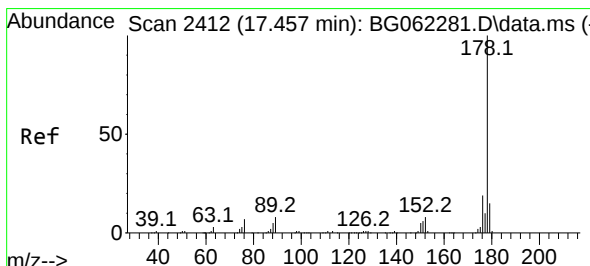
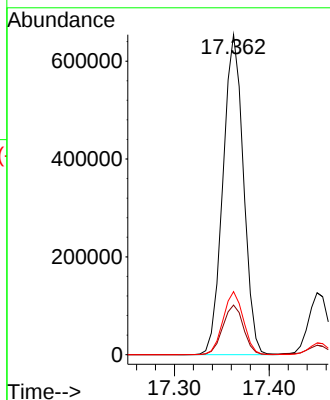
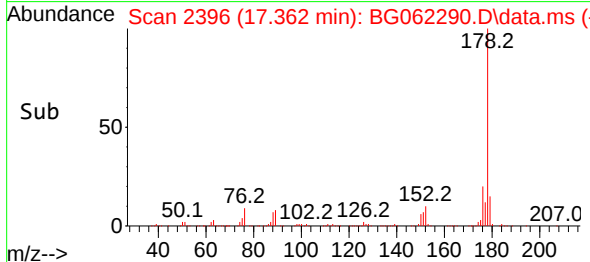
Instrument :
BNA_G
ClientSampleId :
F7E37



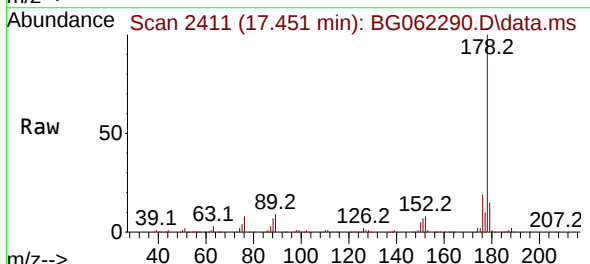
Tgt Ion:178 Resp: 983228
Ion Ratio Lower Upper
178 100
179 15.5 11.9 17.9
176 19.7 15.4 23.2

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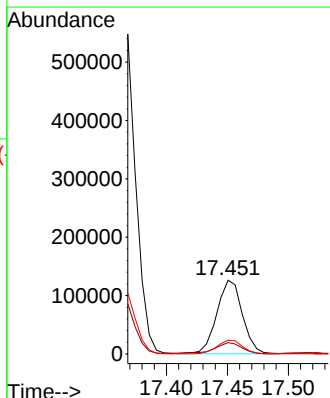
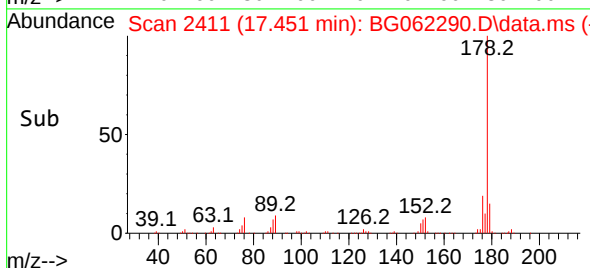
Reviewed By :Jagrut Upadhyay 08/07/2024
Supervised By :mohammad ahmed 08/08/2024

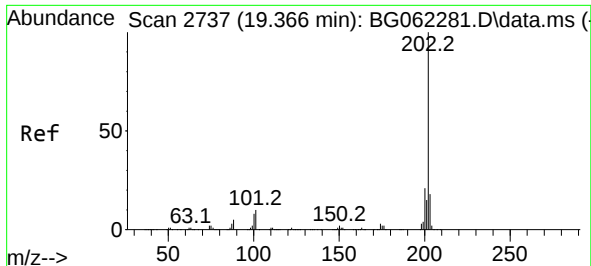


#74
Anthracene
Concen: 8.037 ng/ul
RT: 17.451 min Scan# 2411
Delta R.T. -0.006 min
Lab File: BG062290.D
Acq: 7 Aug 2024 5:16



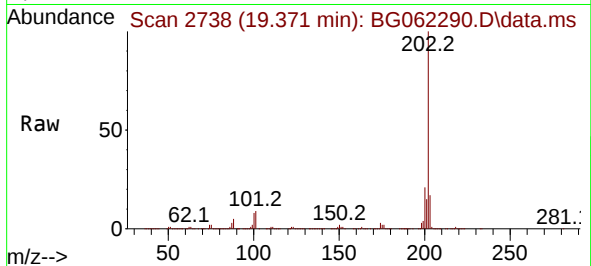
Tgt Ion:178 Resp: 183803
Ion Ratio Lower Upper
178 100
179 15.3 12.1 18.1
176 18.8 15.1 22.7





#80
Fluoranthene
Concen: 36.846 ng/u1
RT: 19.371 min Scan# 2738
Delta R.T. 0.005 min
Lab File: BG062290.D
Acq: 7 Aug 2024 5:16

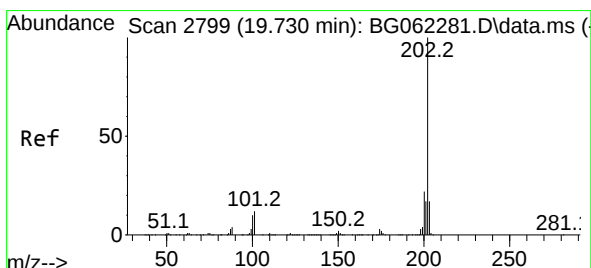
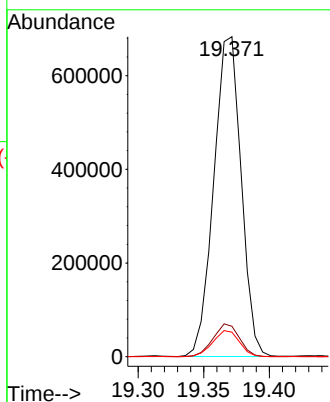
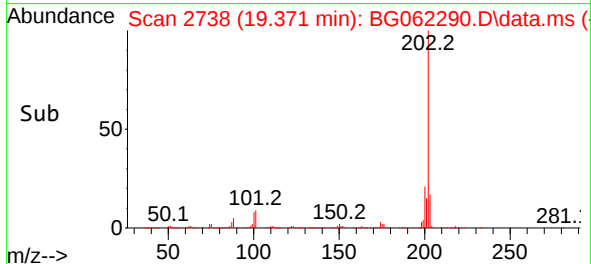
Instrument :
BNA_G
ClientSampleId :
F7E37



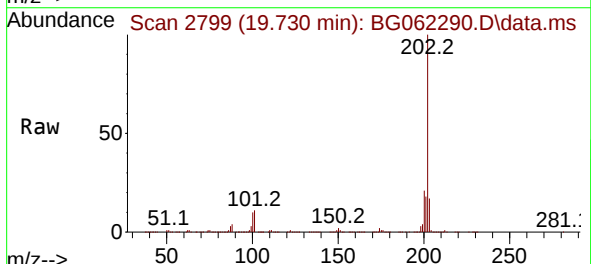
Tgt Ion:202 Resp: 990248
Ion Ratio Lower Upper
202 100
101 9.5 8.4 12.6
100 7.7 6.6 9.8

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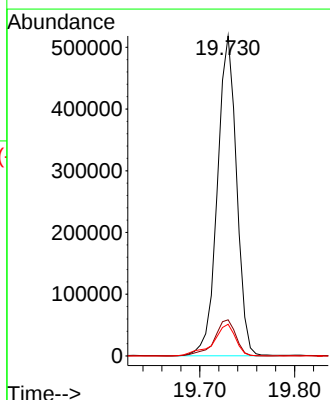
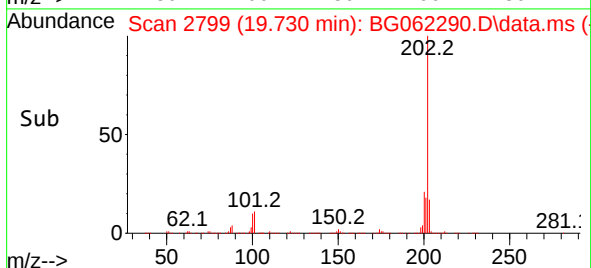
Reviewed By :Jagrut Upadhyay 08/07/2024
Supervised By :mohammad ahmed 08/08/2024

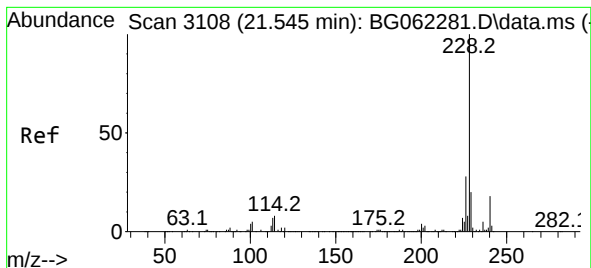


#82
Pyrene
Concen: 25.483 ng/u1
RT: 19.730 min Scan# 2799
Delta R.T. -0.000 min
Lab File: BG062290.D
Acq: 7 Aug 2024 5:16



Tgt Ion:202 Resp: 729327
Ion Ratio Lower Upper
202 100
101 11.3 9.0 13.4
100 9.9 7.8 11.8





#85

Benzo(a)anthracene

Concen: 8.222 ng/ul

RT: 21.539 min Scan# 3107

Delta R.T. -0.006 min

Lab File: BG062290.D

Acq: 7 Aug 2024 5:16

Instrument :

BNA_G

ClientSampleId :

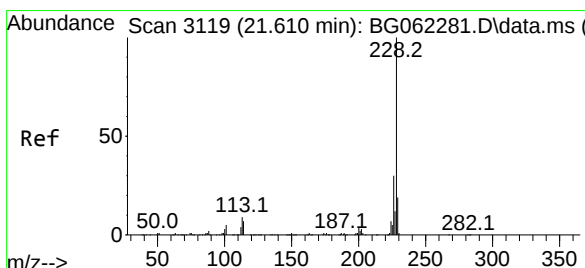
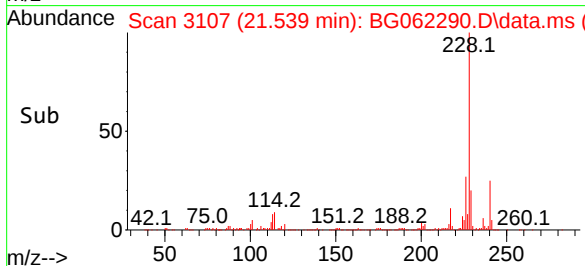
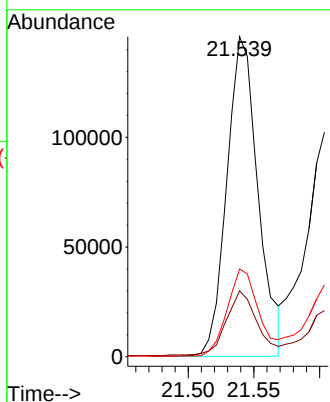
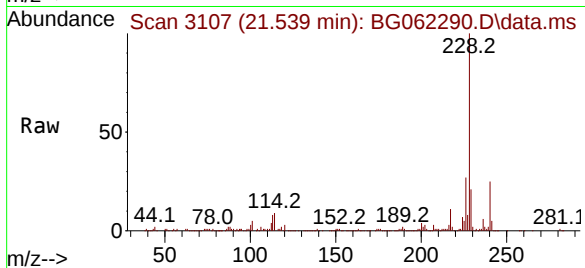
F7E37

Tgt Ion:228 Resp: 240790
 Ion Ratio Lower Upper
 228 100
 229 20.6 16.0 24.0
 226 27.4 21.6 32.4

Manual Integrations

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Reviewed By :Jagrut Upadhyay 08/07/2024
 Supervised By :mohammad ahmed 08/08/2024



#87

Chrysene

Concen: 6.724 ng/ul

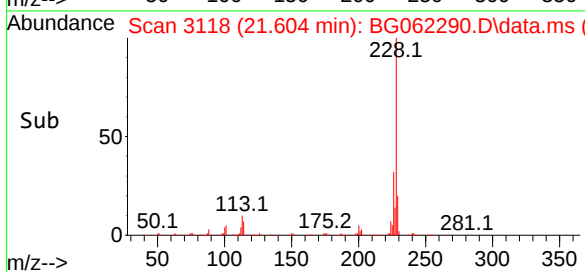
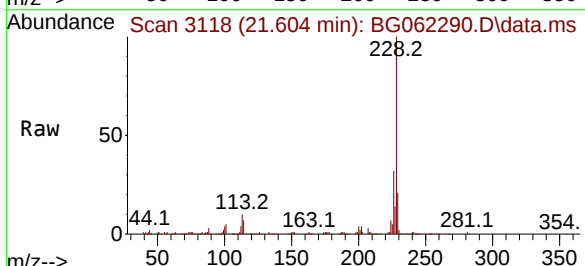
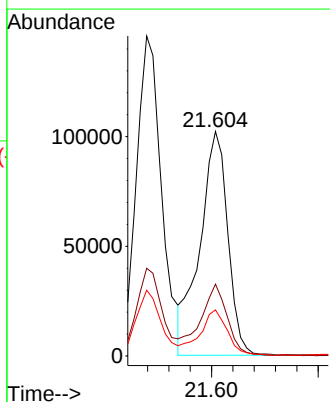
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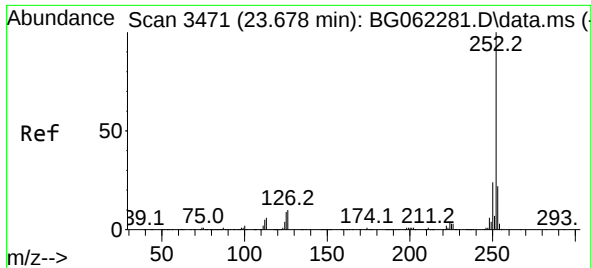
Delta R.T. -0.006 min

Lab File: BG062290.D

Acq: 7 Aug 2024 5:16

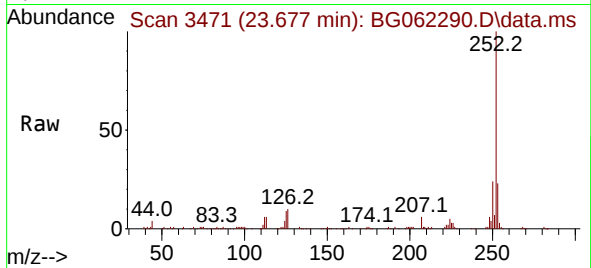
Tgt Ion:228 Resp: 185888
 Ion Ratio Lower Upper
 228 100
 226 32.0 24.6 37.0
 229 20.6 15.7 23.5





#90
Benzo(b)fluoranthene
Concen: 7.215 ng/ul
RT: 23.677 min Scan# 3471
Delta R.T. -0.000 min
Lab File: BG062290.D
Acq: 7 Aug 2024 5:16

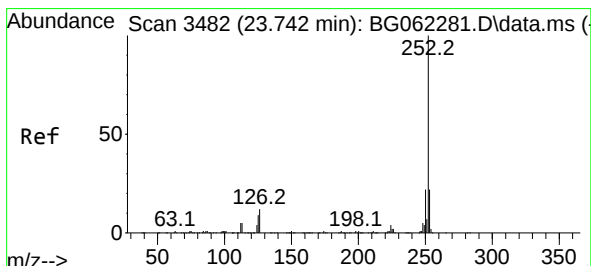
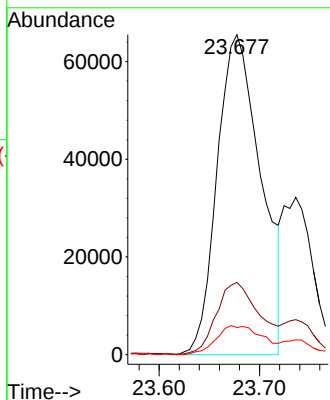
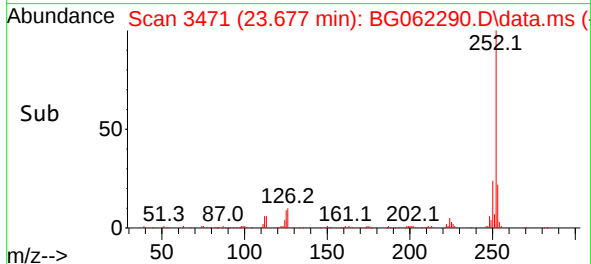
Instrument :
BNA_G
ClientSampleId :
F7E37



Tgt Ion:252 Resp: 198564
Ion Ratio Lower Upper
252 100
253 22.6 17.7 26.5
125 8.5 7.3 10.9

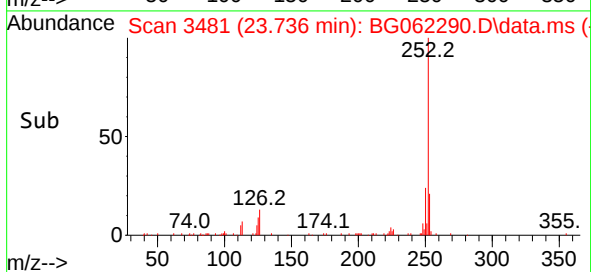
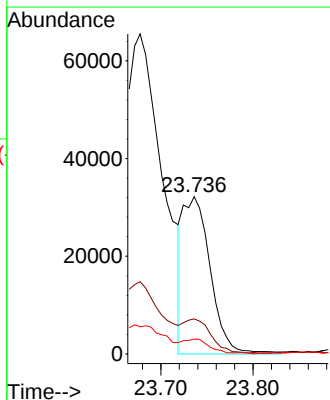
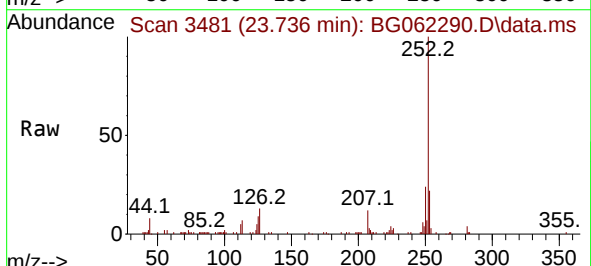
Manual Integrations
APPROVED

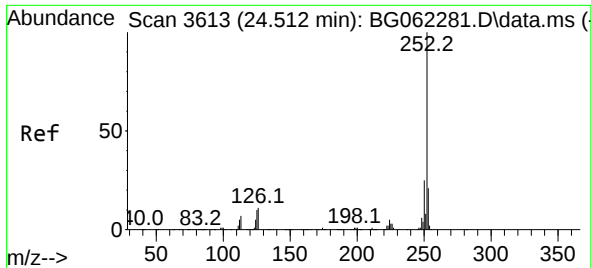
Reviewed By :Jagrut Upadhyay 08/07/2024
Supervised By :mohammad ahmed 08/08/2024



#91
Benzo(k)fluoranthene
Concen: 2.398 ng/ul m
RT: 23.736 min Scan# 3481
Delta R.T. -0.006 min
Lab File: BG062290.D
Acq: 7 Aug 2024 5:16

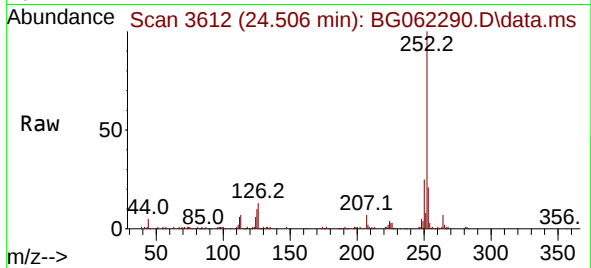
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Ion Ratio Lower Upper
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253 22.3 17.4 26.0
125 9.4 6.8 10.2





#93
Benzo(a)pyrene
Concen: 4.882 ng/ul
RT: 24.506 min Scan# 30
Delta R.T. -0.006 min
Lab File: BG062290.D
Acq: 7 Aug 2024 5:16

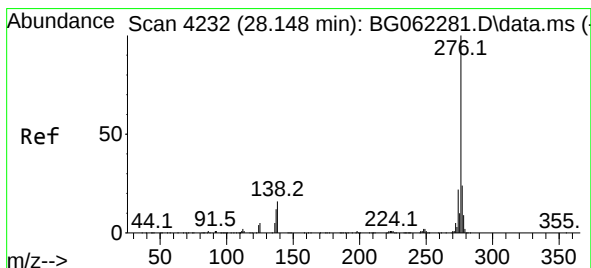
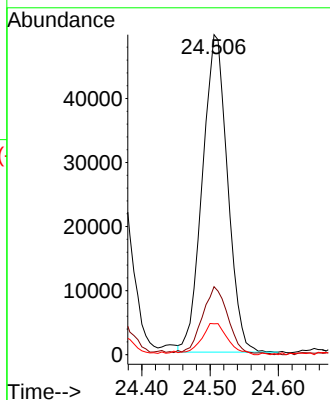
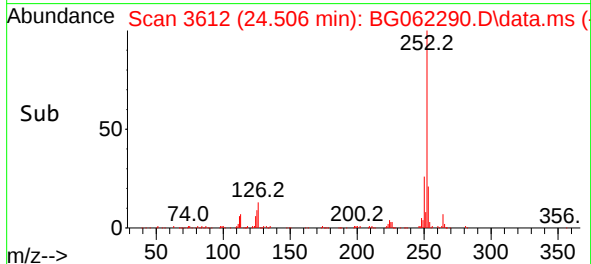
Instrument :
BNA_G
ClientSampleId :
F7E37



Tgt Ion:252 Resp: 127118
Ion Ratio Lower Upper
252 100
253 21.2 17.2 25.8
125 9.6 7.6 11.4

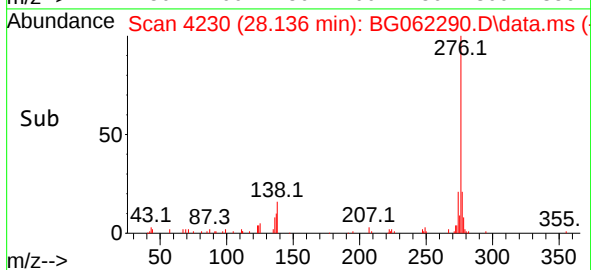
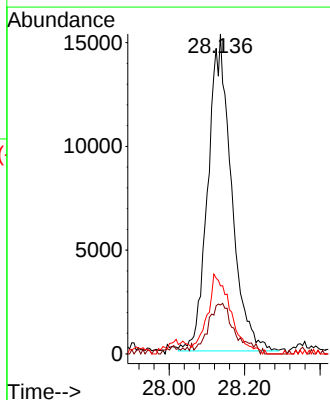
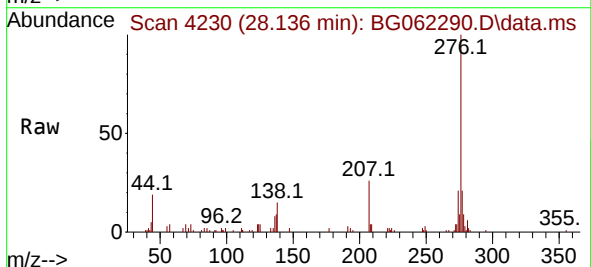
Manual Integrations
APPROVED

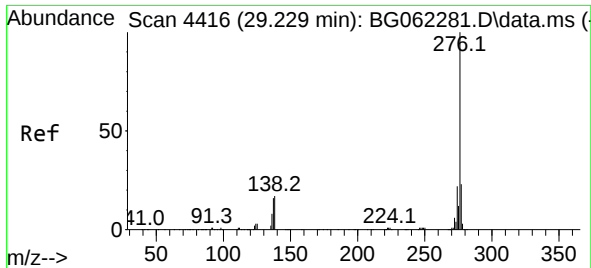
Reviewed By :Jagrut Upadhyay 08/07/2024
Supervised By :mohammad ahmed 08/08/2024



#94
Indeno(1,2,3-cd)pyrene
Concen: 1.953 ng/ul m
RT: 28.136 min Scan# 4230
Delta R.T. -0.012 min
Lab File: BG062290.D
Acq: 7 Aug 2024 5:16

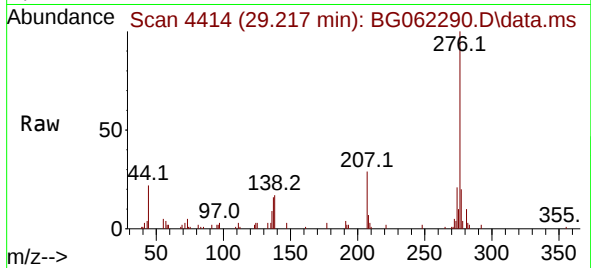
Tgt Ion:276 Resp: 65907
Ion Ratio Lower Upper
276 100
138 15.3 12.4 18.6
277 21.3 18.5 27.7





#96
 Benzo(g,h,i)perylene
 Concen: 2.365 ng/ul m
 RT: 29.217 min Scan# 4414
 Delta R.T. -0.012 min
 Lab File: BG062290.D
 Acq: 7 Aug 2024 5:16

Instrument :
 BNA_G
 ClientSampleId :
 F7E37



Tgt Ion:276 Resp: 6060
 Ion Ratio Lower Upper
 276 100
 138 17.1 13.7 20.5
 277 20.3 17.9 26.9

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 08/07/2024
 Supervised By :mohammad ahmed 08/08/2024

