

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121324\
 Data File : BG063676.D
 Acq On : 13 Dec 2024 13:30
 Operator : RC/JU
 Sample : P5232-19
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E28T3

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/14/2024
 Supervised By :mohammad ahmed 12/14/2024

Quant Time: Dec 14 01:26:16 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 11 23:59:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.817	152	220787	20.000	ng/ul	0.00
20) Naphthalene-d8	10.608	136	870484	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.457	164	586378	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.212	188	1121748	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.466	240	968851	20.000	ng/ul	# 0.00
88) Perylene-d12	24.516	264	614023	20.000	ng/ul	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.282	96	16810	2.984	ng/uL	0.00
4) Pyridine-d5	3.699	84	272467	15.330	ng/ul	0.01
7) Phenol-d5	7.018	99	453119	22.284	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.148	67	289176	20.590	ng/ul	0.00
11) 2-Chlorophenol-d4	7.365	132	304247	23.111	ng/ul	0.02
15) 4-Methylphenol-d8	8.546	113	311914	19.757	ng/ul	0.02
21) Nitrobenzene-d5	8.969	128	76947	12.380	ng/ul	0.00
24) 2-Nitrophenol-d4	9.686	143	8889	1.276	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.250	165	316785	23.485	ng/ul	0.02
31) 4-Chloroaniline-d4	10.749	131	169530	9.898	ng/ul	0.00
46) Dimethylphthalate-d6	13.863	166	1047869	26.262	ng/ul	0.00
49) Acenaphthylene-d8	14.151	160	1142840	25.126	ng/ul	0.00
54) 4-Nitrophenol-d4	14.727	143	19693m	3.483	ng/ul	0.05
60) Fluorene-d10	15.456	176	869422	24.645	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.585	200	698	0.120	ng/ul	0.00
73) Anthracene-d10	17.306	188	1304403	27.047	ng/ul	0.00
81) Pyrene-d10	19.610	212	1395850	27.686	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.304	264	822463m	28.523	ng/ul	0.03
Target Compounds						
					Qvalue	
8) Phenol	7.048	94	51526m	2.378	ng/ul	
18) 4-Methylphenol	8.605	108	19244	1.123	ng/ul	98
30) Naphthalene	10.655	128	107474	2.469	ng/ul#	94
36) 2-Methylnaphthalene	12.271	142	40303	1.288	ng/ul	99
61) Fluorene	15.508	166	39492	1.015	ng/ul#	96
72) Phenanthrene	17.253	178	168554	3.118	ng/ul	97
74) Anthracene	17.342	178	133650m	2.443	ng/ul	
80) Fluoranthene	19.275	202	215649	3.763	ng/ul	99
82) Pyrene	19.639	202	247661	4.062	ng/ul#	92
85) Benzo(a)anthracene	21.449	228	144305	2.377	ng/ul#	74
87) Chrysene	21.507	228	202706	3.503	ng/ul#	72
90) Benzo(b)fluoranthene	23.546	252	197232	5.652	ng/ul#	35
91) Benzo(k)fluoranthene	23.593	252	123409m	3.545	ng/ul	
93) Benzo(a)pyrene	24.375	252	125173m	3.821	ng/ul	
96) Benzo(g,h,i)perylene	29.016	276	134716m	4.244	ng/ul	

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

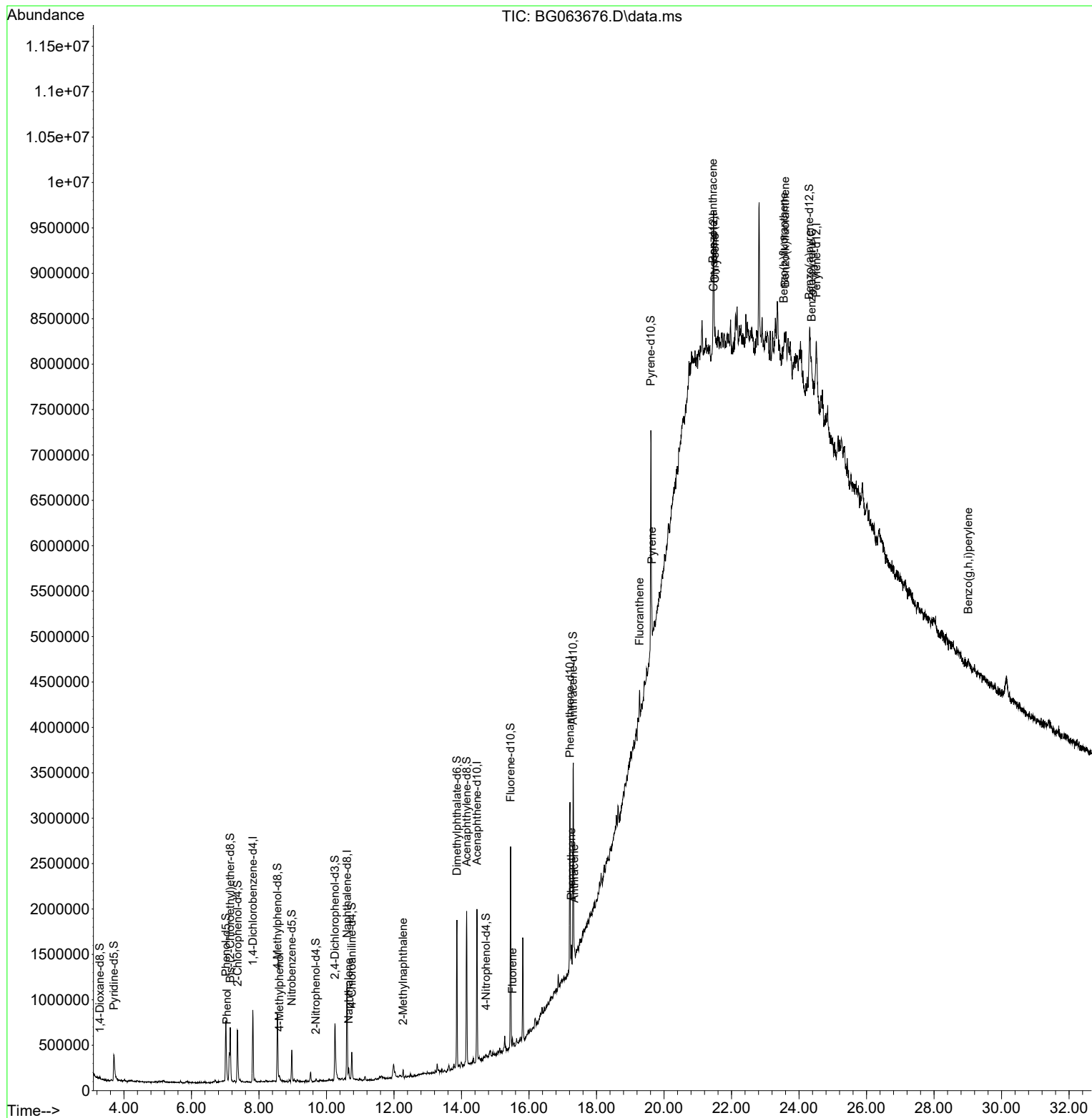
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121324\
Data File : BG063676.D
Acq On : 13 Dec 2024 13:30
Operator : RC/JU
Sample : P5232-19
Misc :
ALS Vial : 7 Sample Multiplier: 1

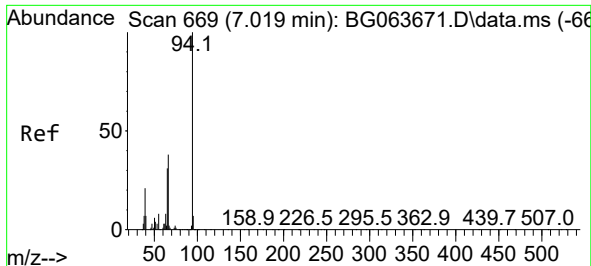
Instrument :
BNA_G
ClientSampleId :
E28T3

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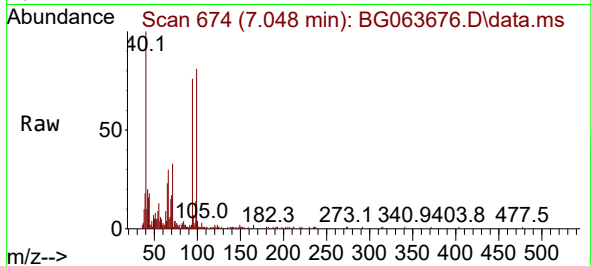
Quant Time: Dec 14 01:26:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 11 23:59:23 2024
Response via : Initial Calibration





#8
Phenol
Concen: 2.378 ng/ul m
RT: 7.048 min Scan# 6
Delta R.T. 0.029 min
Lab File: BG063676.D
Acq: 13 Dec 2024 13:30

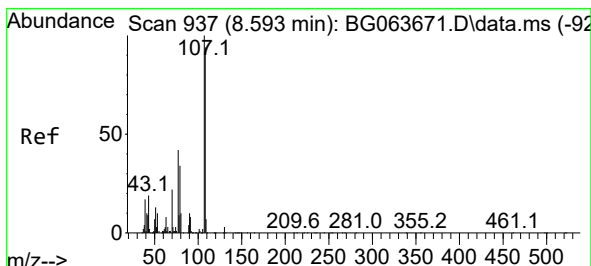
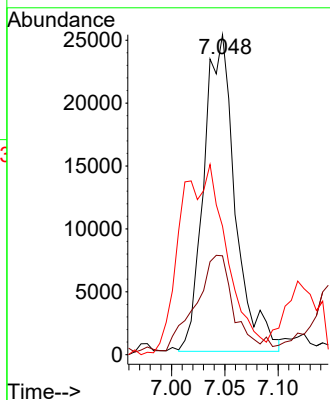
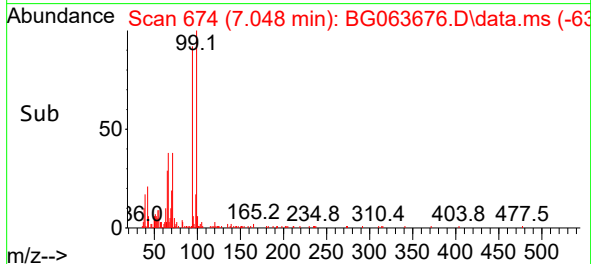
Instrument :
BNA_G
ClientSampleId :
E28T3



Tgt Ion: 94 Resp: 51520
Ion Ratio Lower Upper
94 100
65 30.9 25.6 38.4
66 40.2 34.2 51.2

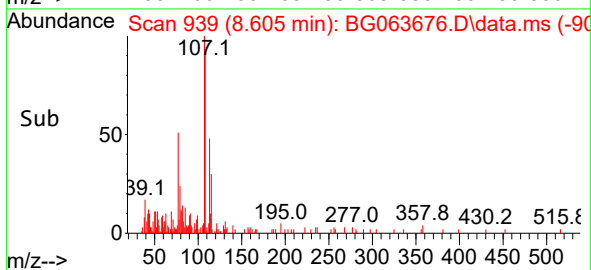
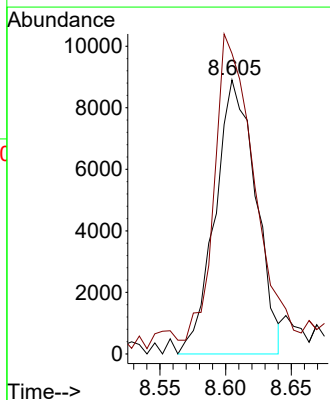
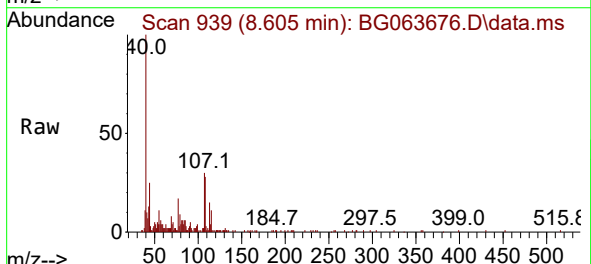
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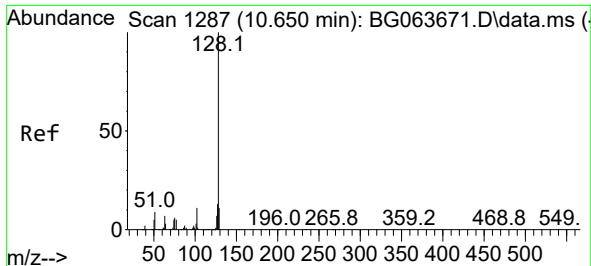
Reviewed By :Yogesh Patel 12/14/2024
Supervised By :mohammad ahmed 12/14/2024



#18
4-Methylphenol
Concen: 1.123 ng/ul
RT: 8.605 min Scan# 939
Delta R.T. 0.017 min
Lab File: BG063676.D
Acq: 13 Dec 2024 13:30

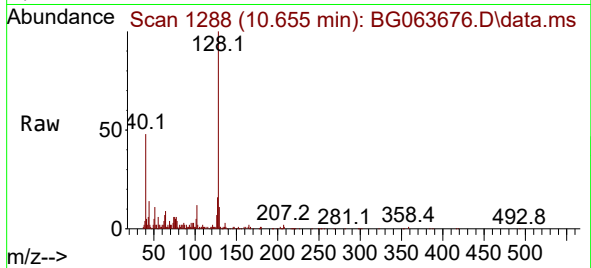
Tgt Ion:108 Resp: 19244
Ion Ratio Lower Upper
108 100
107 109.6 89.2 133.8





#30
Naphthalene
Concen: 2.469 ng/ul
RT: 10.655 min Scan# 1287
Delta R.T. 0.006 min
Lab File: BG063676.D
Acq: 13 Dec 2024 13:30

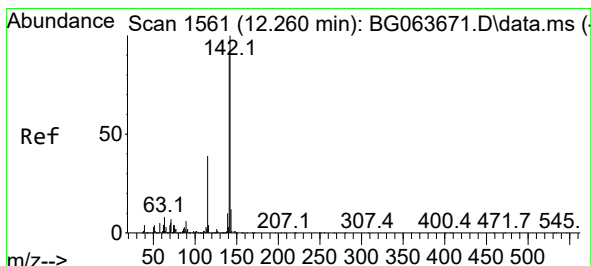
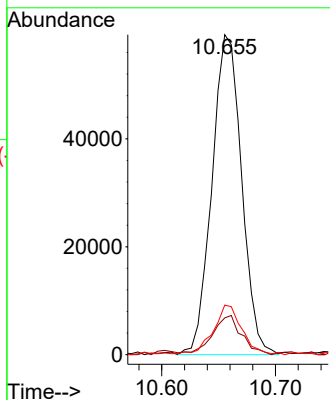
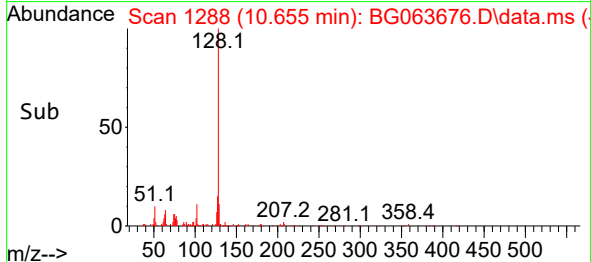
Instrument :
BNA_G
ClientSampleId :
E28T3



Tgt Ion:128 Resp: 107474
Ion Ratio Lower Upper
128 100
129 11.5 8.2 12.2
127 15.5 9.8 14.8

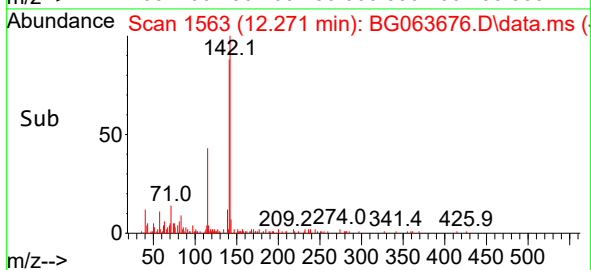
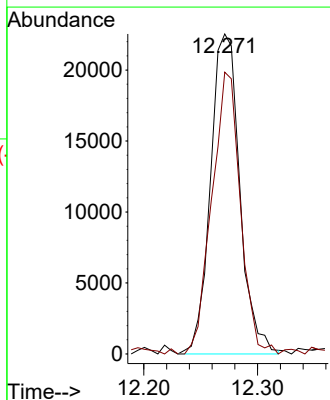
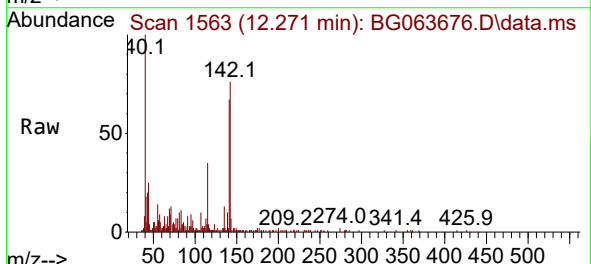
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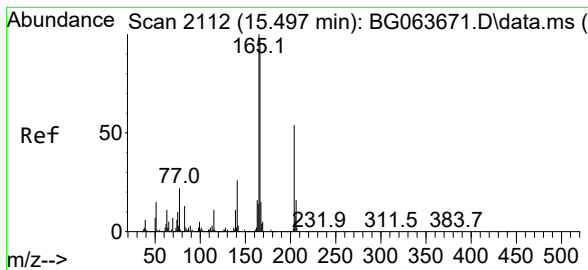
Reviewed By :Yogesh Patel 12/14/2024
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#36
2-Methylnaphthalene
Concen: 1.288 ng/ul
RT: 12.271 min Scan# 1563
Delta R.T. 0.006 min
Lab File: BG063676.D
Acq: 13 Dec 2024 13:30

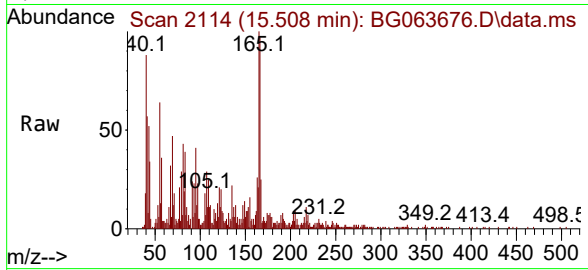
Tgt Ion:142 Resp: 40303
Ion Ratio Lower Upper
142 100
141 88.1 69.5 104.3





#61
Fluorene
Concen: 1.015 ng/ul
RT: 15.508 min Scan# 2112
Delta R.T. 0.006 min
Lab File: BG063676.D
Acq: 13 Dec 2024 13:30

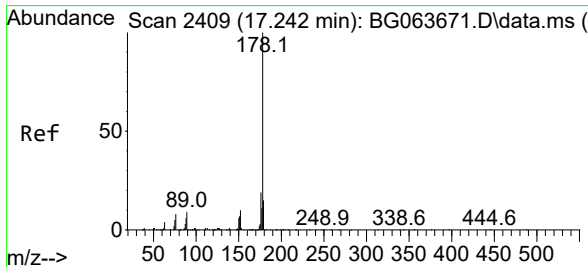
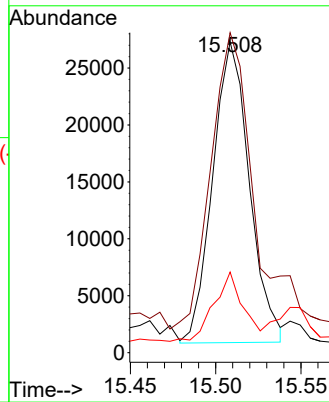
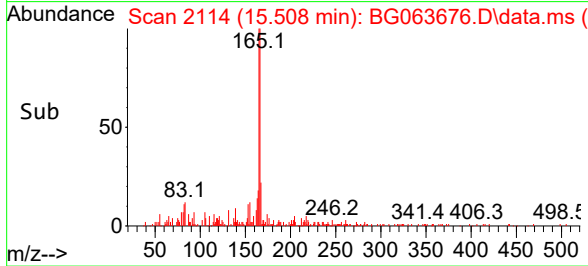
Instrument :
BNA_G
ClientSampleId :
E28T3



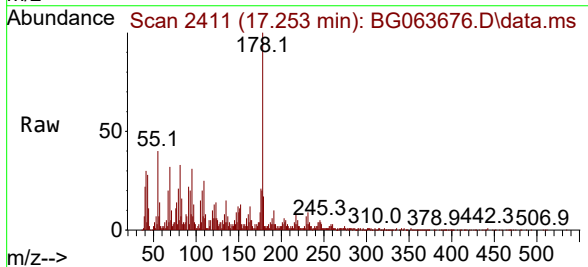
Tgt Ion:166 Resp: 39492
Ion Ratio Lower Upper
166 100
165 102.9 81.9 122.9
167 26.0 11.4 17.0

Manual Integrations
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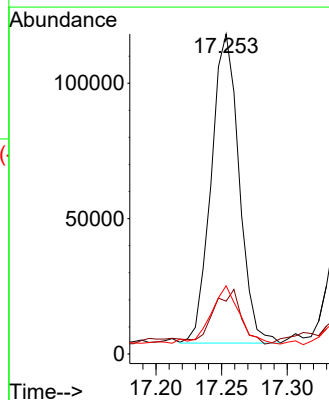
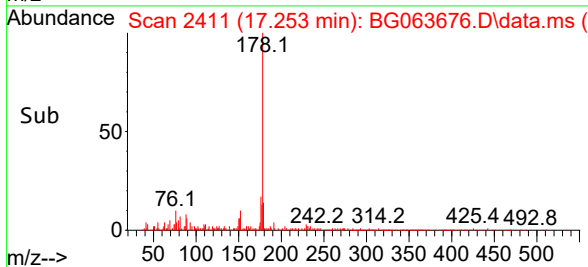
Reviewed By :Yogesh Patel 12/14/2024
Supervised By :mohammad ahmed 12/14/2024

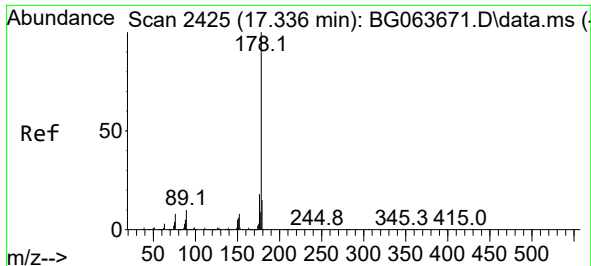


#72
Phenanthrene
Concen: 3.118 ng/ul
RT: 17.253 min Scan# 2411
Delta R.T. 0.006 min
Lab File: BG063676.D
Acq: 13 Dec 2024 13:30



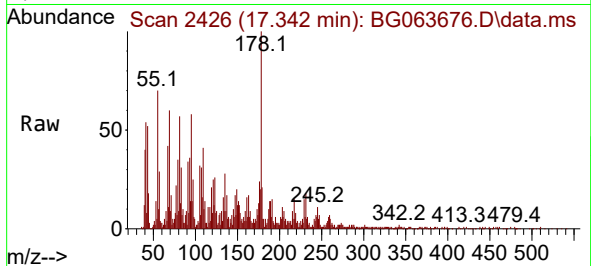
Tgt Ion:178 Resp: 168554
Ion Ratio Lower Upper
178 100
179 16.5 12.2 18.2
176 21.3 15.8 23.6





#74
 Anthracene
 Concen: 2.443 ng/ul m
 RT: 17.342 min Scan# 2425
 Delta R.T. 0.006 min
 Lab File: BG063676.D
 Acq: 13 Dec 2024 13:30

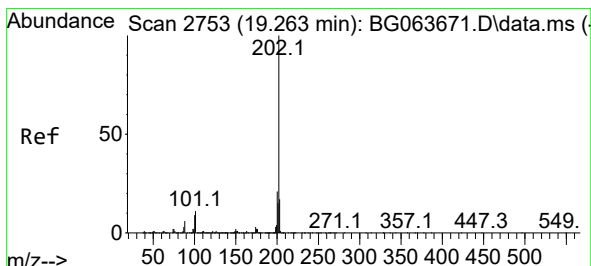
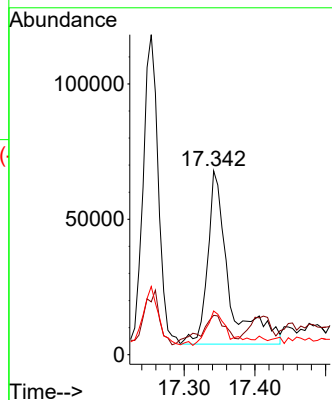
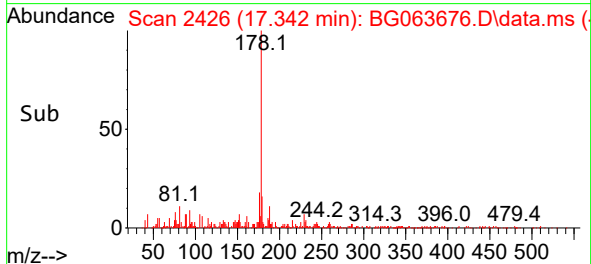
Instrument :
 BNA_G
 ClientSampleId :
 E28T3



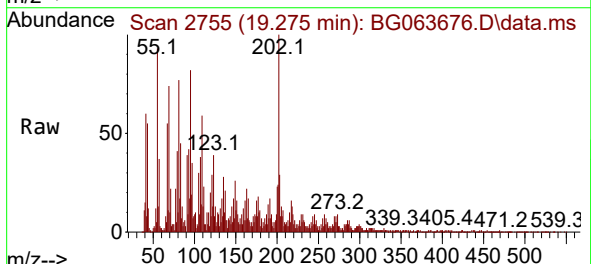
Tgt Ion:178 Resp: 133650
 Ion Ratio Lower Upper
 178 100
 179 21.4 12.4 18.6
 176 23.8 14.4 21.6

Manual Integrations
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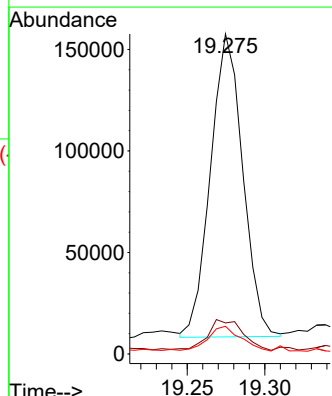
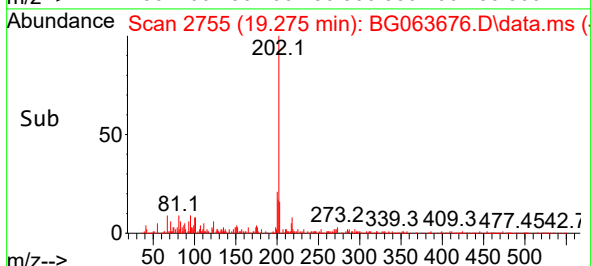
Reviewed By :Yogesh Patel 12/14/2024
 Supervised By :mohammad ahmed 12/14/2024

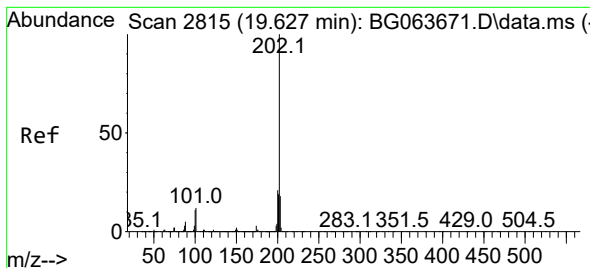


#80
 Fluoranthene
 Concen: 3.763 ng/ul
 RT: 19.275 min Scan# 2755
 Delta R.T. 0.006 min
 Lab File: BG063676.D
 Acq: 13 Dec 2024 13:30



Tgt Ion:202 Resp: 215649
 Ion Ratio Lower Upper
 202 100
 101 9.7 8.1 12.1
 100 8.6 6.5 9.7





#82

Pyrene

Concen: 4.062 ng/ul

RT: 19.639 min Scan# 21

Delta R.T. 0.006 min

Lab File: BG063676.D

Acq: 13 Dec 2024 13:30

Instrument :

BNA_G

ClientSampleId :

E28T3

Tgt Ion:202 Resp: 24766

Ion Ratio Lower Upper

202 100

101 16.2 8.7 13.1

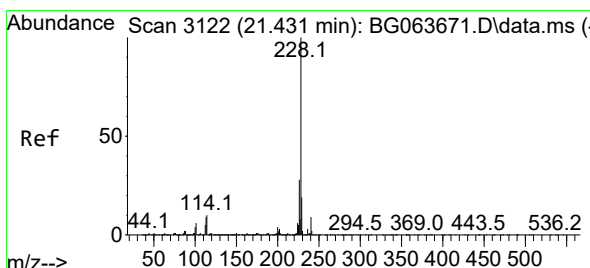
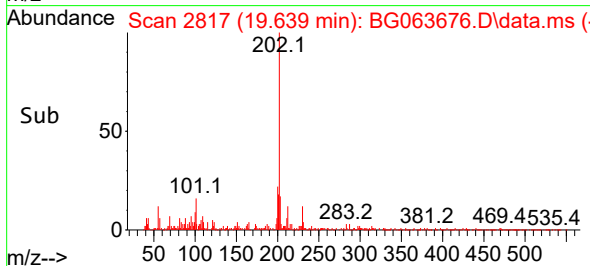
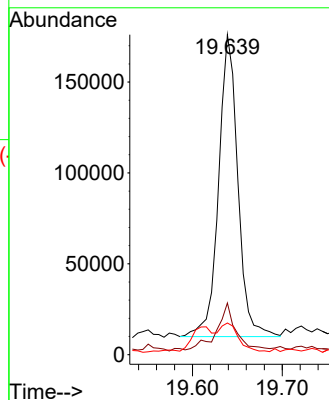
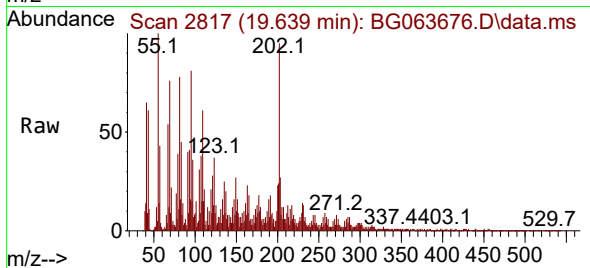
100 9.9 7.8 11.6

Manual Integrations

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Supervised By :mohammad ahmed 12/14/2024



#85

Benzo(a)anthracene

Concen: 2.377 ng/ul

RT: 21.449 min Scan# 3125

Delta R.T. 0.006 min

Lab File: BG063676.D

Acq: 13 Dec 2024 13:30

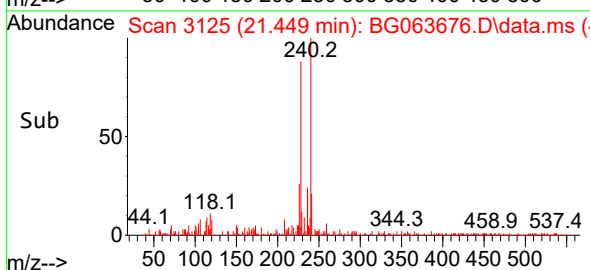
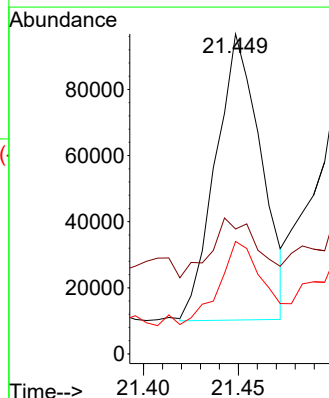
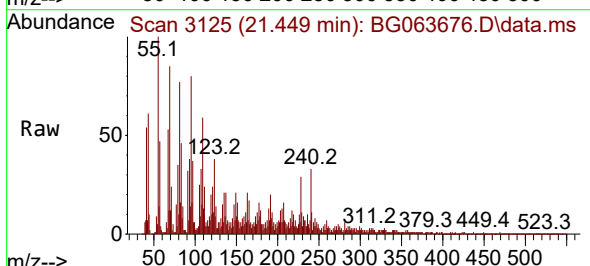
Tgt Ion:228 Resp: 144305

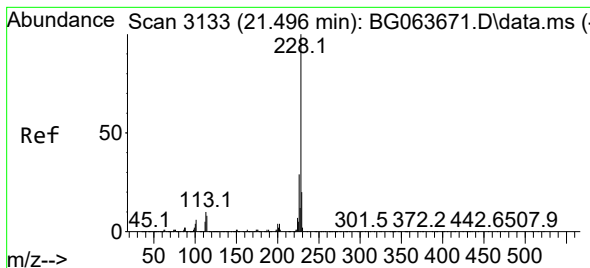
Ion Ratio Lower Upper

228 100

229 39.1 15.7 23.5#

226 35.1 22.0 33.0#





#87

Chrysene

Concen: 3.503 ng/u1

RT: 21.507 min Scan# 3135

Delta R.T. 0.006 min

Lab File: BG063676.D

Acq: 13 Dec 2024 13:30

Instrument :

BNA_G

ClientSampleId :

E28T3

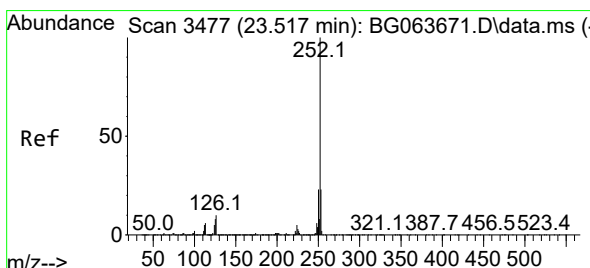
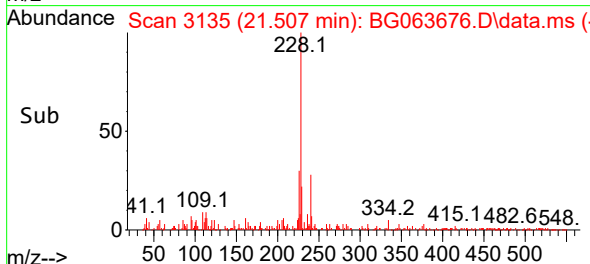
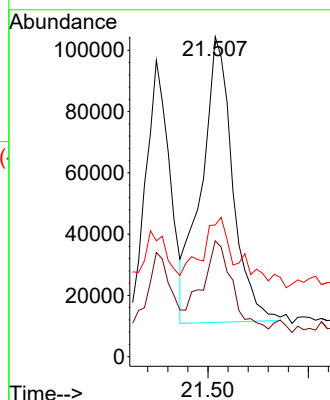
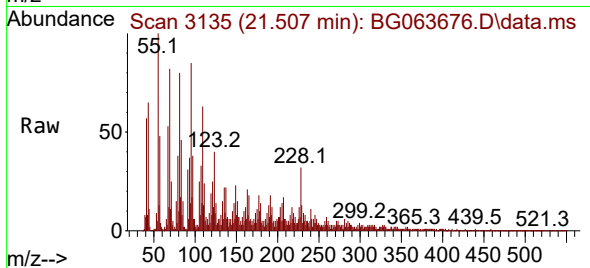
Tgt Ion:	228	Resp:	202700
Ion Ratio	Lower	Upper	
228	100		
226	36.2	23.4	35.0
229	41.1	14.8	22.2

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Supervised By :mohammad ahmed 12/14/2024



#90

Benzo(b)fluoranthene

Concen: 5.652 ng/u1

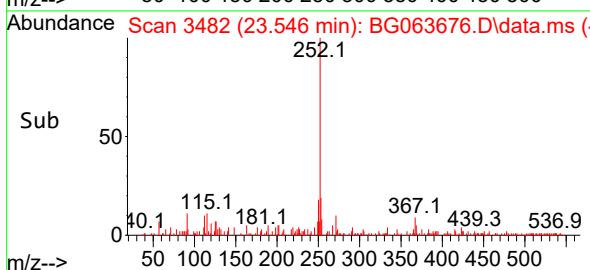
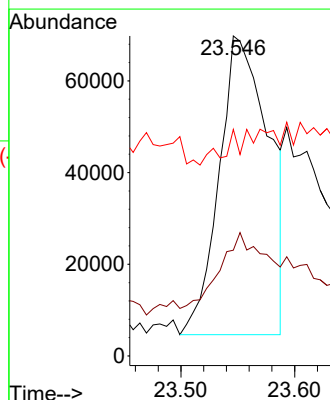
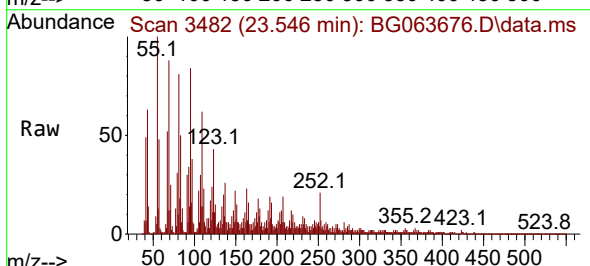
RT: 23.546 min Scan# 3482

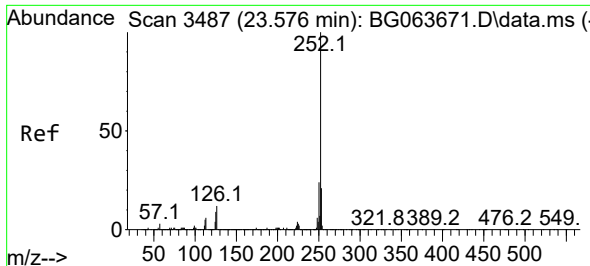
Delta R.T. 0.023 min

Lab File: BG063676.D

Acq: 13 Dec 2024 13:30

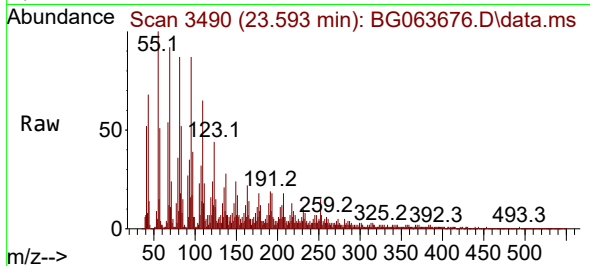
Tgt Ion:	252	Resp:	197232
Ion Ratio	Lower	Upper	
252	100		
253	33.0	17.7	26.5
125	70.8	7.0	10.4





#91
Benzo(k)fluoranthene
Concen: 3.545 ng/ul m
RT: 23.593 min Scan# 3487
Delta R.T. 0.006 min
Lab File: BG063676.D
Acq: 13 Dec 2024 13:30

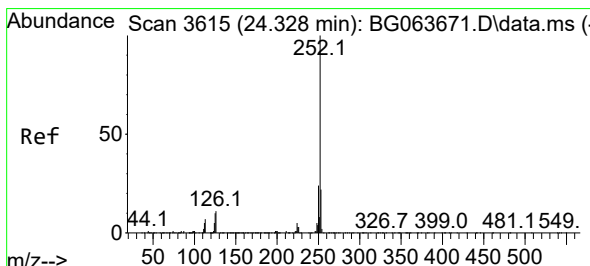
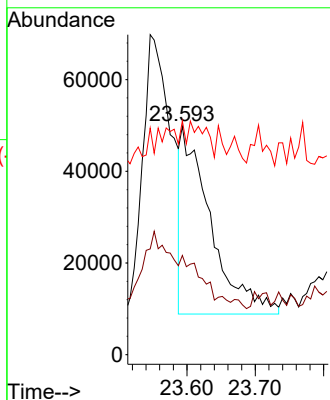
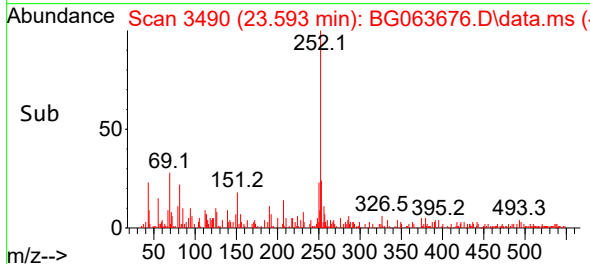
Instrument :
BNA_G
ClientSampleId :
E28T3



Tgt Ion:252 Resp: 123409
Ion Ratio Lower Upper
252 100
253 43.4 17.7 26.5
125 102.3 6.5 9.7

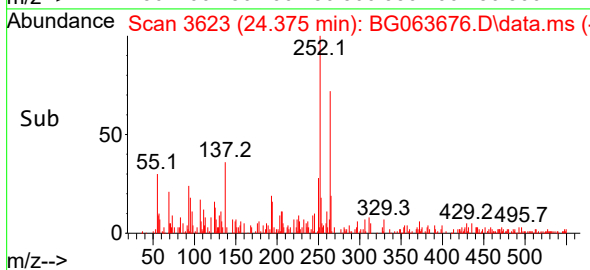
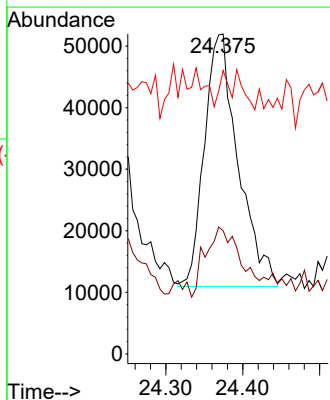
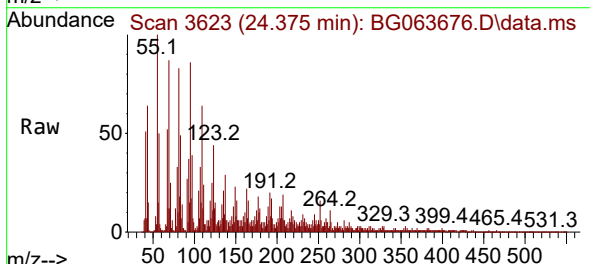
Manual Integrations
APPROVED

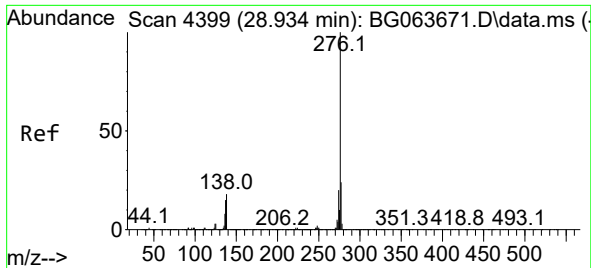
Reviewed By :Yogesh Patel 12/14/2024
Supervised By :mohammad ahmed 12/14/2024



#93
Benzo(a)pyrene
Concen: 3.821 ng/ul m
RT: 24.375 min Scan# 3623
Delta R.T. 0.035 min
Lab File: BG063676.D
Acq: 13 Dec 2024 13:30

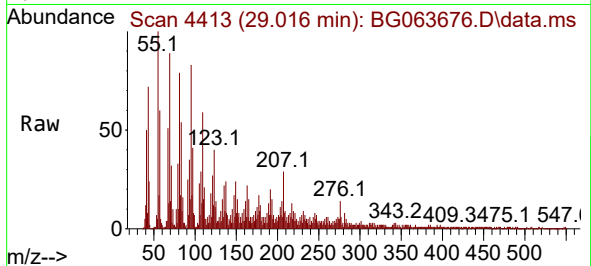
Tgt Ion:252 Resp: 125173
Ion Ratio Lower Upper
252 100
253 38.5 16.6 24.8#
125 88.6 8.0 12.0#





#96
Benzo(g,h,i)perylene
Concen: 4.244 ng/ul m
RT: 29.016 min Scan# 44
Delta R.T. 0.076 min
Lab File: BG063676.D
Acq: 13 Dec 2024 13:30

Instrument :
BNA_G
ClientSampleId :
E28T3



Tgt Ion: 276 Resp: 134710
Ion Ratio Lower Upper
276 100
138 57.6 13.8 20.8
277 41.3 17.8 26.8

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/14/2024
Supervised By :mohammad ahmed 12/14/2024

