

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070124\
 Data File : BG061847.D
 Acq On : 2 Jul 2024 15:04
 Operator : MA/JU
 Sample : P2963-15
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4CR9

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/02/2024
 Supervised By :mohammad ahmed 07/04/2024

Quant Time: Jul 02 16:18:45 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 27 12:23:53 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.055	152	68870	20.000	ng/u1	0.00
20) Naphthalene-d8	10.870	136	307559	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.689	164	193716	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.433	188	392907	20.000	ng/u1	0.00
79) Chrysene-d12	21.698	240	307366	20.000	ng/u1	0.00
88) Perylene-d12	24.924	264	368992	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.467	96	8055m	4.225	ng/uL	0.01
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.221	99	210232	28.119	ng/u1	0.02
9) Bis-(2-Chloroethyl)eth...	7.380	67	129521	27.790	ng/u1	0.00
11) 2-Chlorophenol-d4	7.591	132	150404	29.315	ng/u1	0.00
15) 4-Methylphenol-d8	8.766	113	153069	26.483	ng/u1	0.01
21) Nitrobenzene-d5	9.225	128	75418	36.114	ng/u1	0.00
24) 2-Nitrophenol-d4	9.947	143	87500	41.370	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.488	165	160738	32.095	ng/u1	0.00
31) 4-Chloroaniline-d4	11.005	131	26791	3.533	ng/u1	0.00
46) Dimethylphthalate-d6	14.089	166	474953	31.861	ng/u1	0.00
49) Acenaphthylene-d8	14.383	160	540494	33.084	ng/u1	0.00
54) 4-Nitrophenol-d4	14.888	143	57036	22.278	ng/u1	0.03
60) Fluorene-d10	15.682	176	414290	31.745	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.793	200	27865	16.585	ng/u1	0.00
73) Anthracene-d10	17.532	188	596086	33.236	ng/u1	0.00
81) Pyrene-d10	19.818	212	543299	31.644	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.700	264	394104	22.362	ng/u1	0.01
Target Compounds					Qvalue	
16) Acetophenone	8.884	105	11986	1.259	ng/u1#	83
72) Phenanthrene	17.474	178	248118	12.003	ng/u1	99
74) Anthracene	17.568	178	42339	2.003	ng/u1	98
77) Carbazole	17.838	167	26357	1.469	ng/u1#	85
80) Fluoranthene	19.483	202	546487	27.433	ng/u1	97
82) Pyrene	19.847	202	383311	18.096	ng/u1	95
83) Butylbenzylphthalate	20.723	149	8393	1.088	ng/u1	87
85) Benzo(a)anthracene	21.675	228	231494	10.730	ng/u1	97
86) Bis(2-ethylhexyl)phtha...	21.581	149	91539	8.075	ng/u1	93
87) Chrysene	21.745	228	272270	13.337	ng/u1	96
90) Benzo(b)fluoranthene	23.901	252	412785	18.610	ng/u1	97
91) Benzo(k)fluoranthene	23.966	252	126340m	5.538	ng/u1	
93) Benzo(a)pyrene	24.771	252	136373	6.386	ng/u1#	92
94) Indeno(1,2,3-cd)pyrene	28.590	276	145746m	5.477	ng/u1	
95) Dibenzo(a,h)anthracene	28.655	278	55109m	2.491	ng/u1	

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

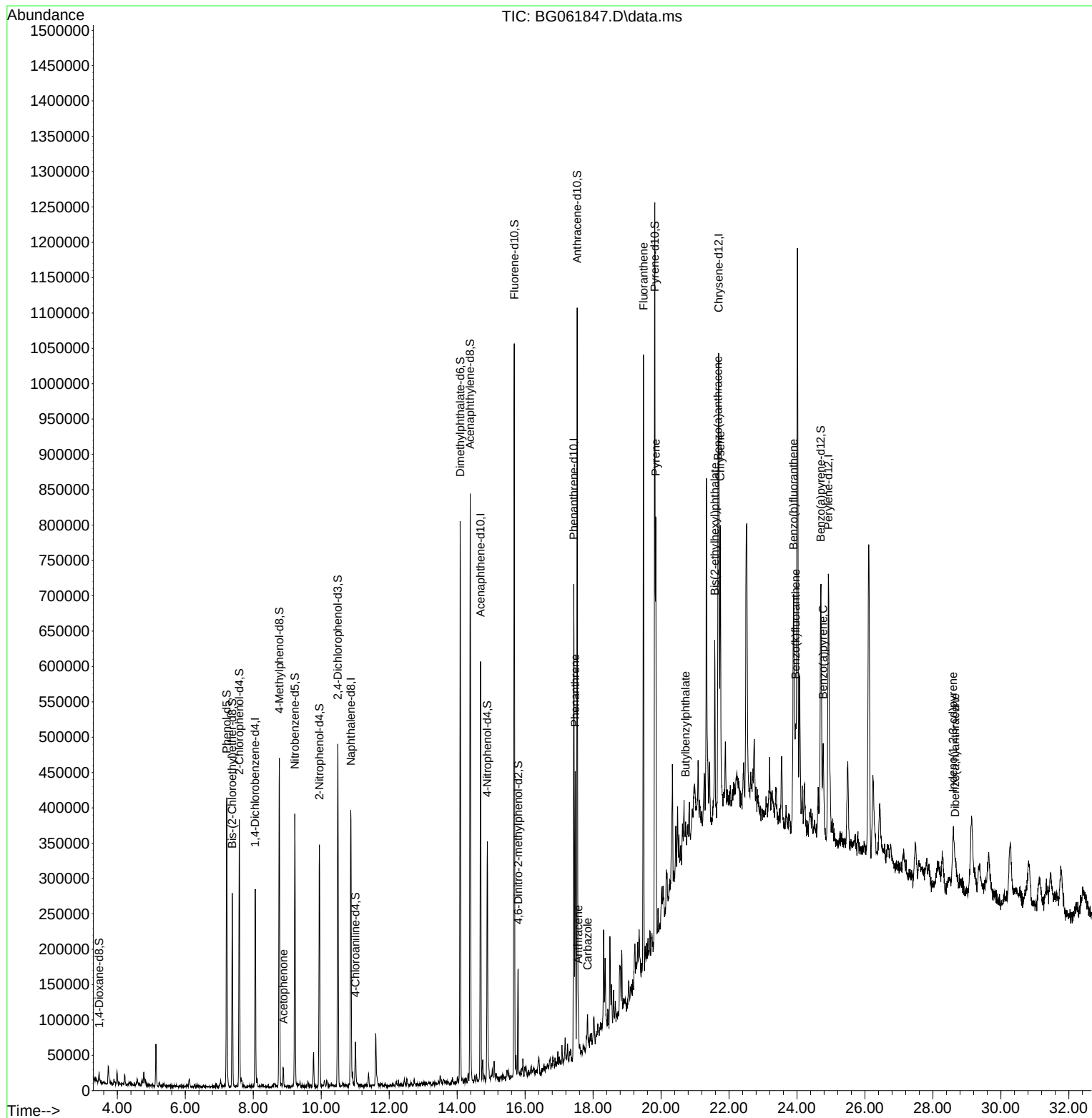
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070124\
 Data File : BG061847.D
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 ALS Vial : 44 Sample Multiplier: 1

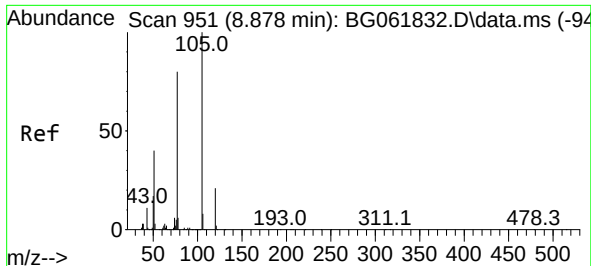
Instrument :
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 ClientSampleId :
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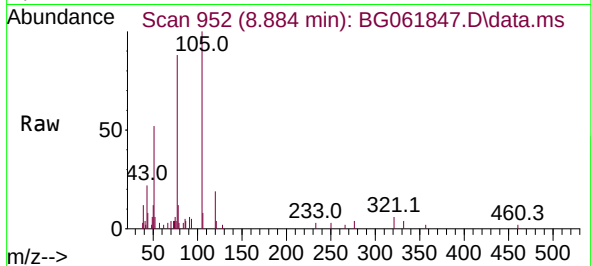
Quant Time: Jul 02 16:18:45 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
 Quant Title : SVOA CALIBRATION
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#16
Acetophenone
Concen: 1.259 ng/ul
RT: 8.884 min Scan# 91
Delta R.T. 0.002 min
Lab File: BG061847.D
Acq: 2 Jul 2024 15:04

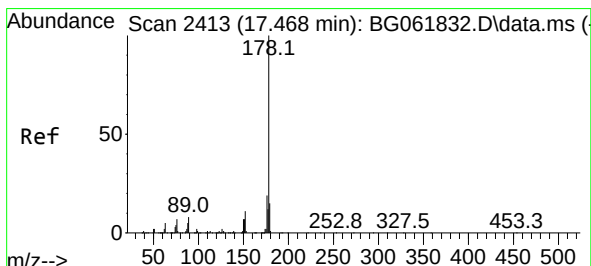
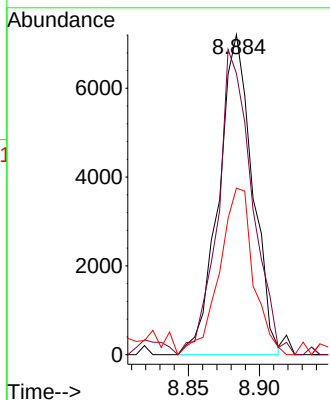
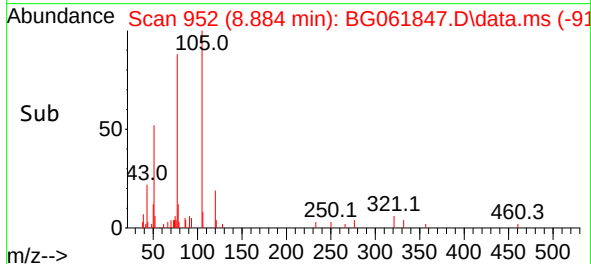
Instrument :
BNA_G
ClientSampleId :
A4CR9



Tgt Ion:105 Resp: 11980
Ion Ratio Lower Upper
105 100
77 87.8 60.4 90.6
51 52.1 31.1 46.7

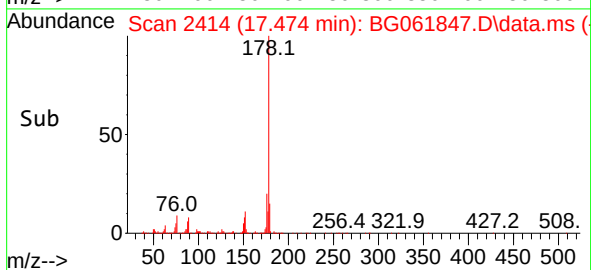
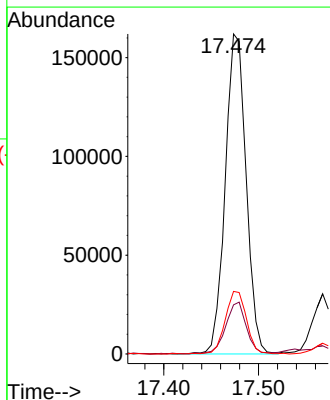
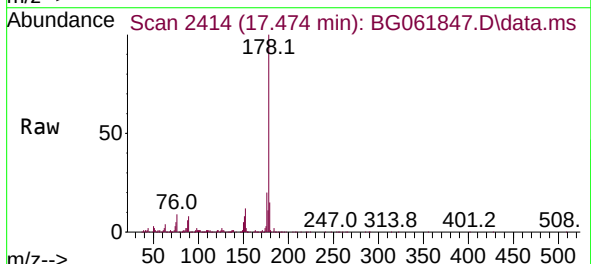
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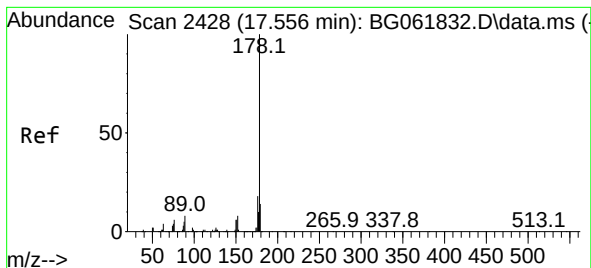
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#72
Phenanthrene
Concen: 12.003 ng/ul
RT: 17.474 min Scan# 2414
Delta R.T. 0.002 min
Lab File: BG061847.D
Acq: 2 Jul 2024 15:04

Tgt Ion:178 Resp: 248118
Ion Ratio Lower Upper
178 100
179 15.4 12.0 18.0
176 19.5 16.2 24.2





#74

Anthracene

Concen: 2.003 ng/ul

RT: 17.568 min Scan# 2428

Delta R.T. 0.002 min

Lab File: BG061847.D

Acq: 2 Jul 2024 15:04

Instrument :

BNA_G

ClientSampleId :

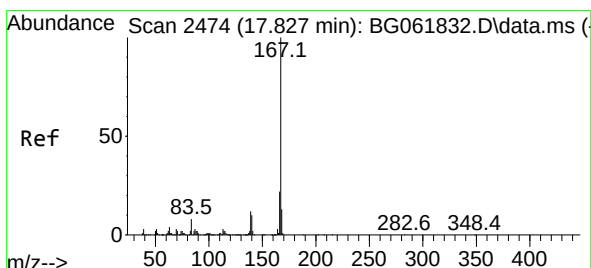
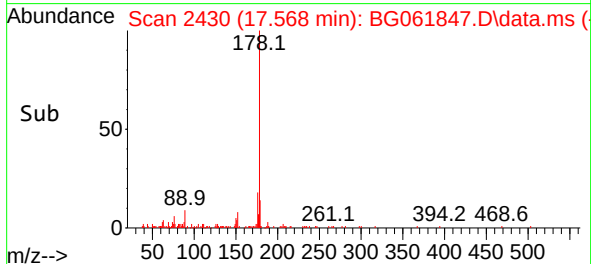
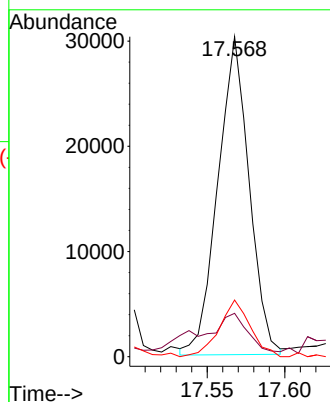
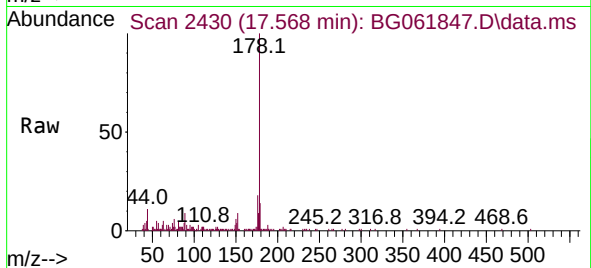
A4CR9

Tgt Ion:178	Resp:	42339
Ion Ratio	Lower	Upper
178	100	
179	13.6	11.4 17.2
176	17.7	14.7 22.1

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#77

Carbazole

Concen: 1.469 ng/ul

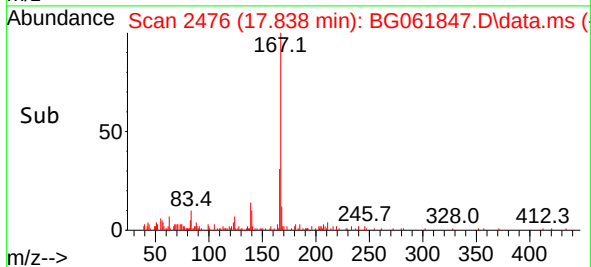
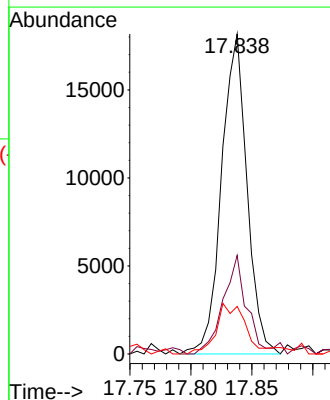
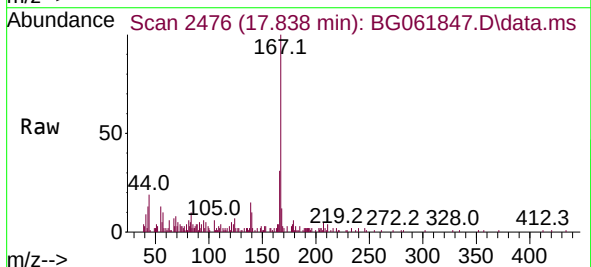
RT: 17.838 min Scan# 2476

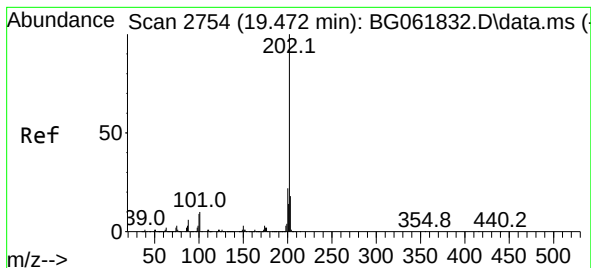
Delta R.T. 0.008 min

Lab File: BG061847.D

Acq: 2 Jul 2024 15:04

Tgt Ion:167	Resp:	26357
Ion Ratio	Lower	Upper
167	100	
166	30.8	17.5 26.3#
139	14.9	9.4 14.2#





#80

Fluoranthene

Concen: 27.433 ng/u1

RT: 19.483 min Scan# 21

Delta R.T. 0.008 min

Lab File: BG061847.D

Acq: 2 Jul 2024 15:04

Instrument :

BNA_G

ClientSampleId :

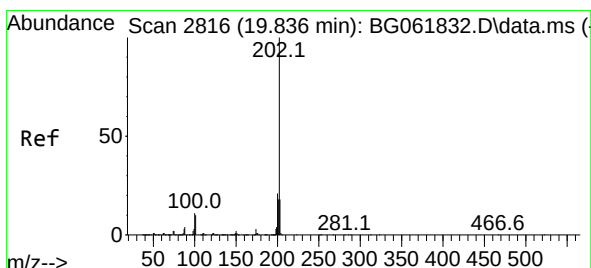
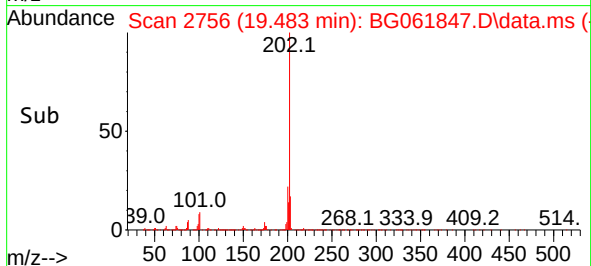
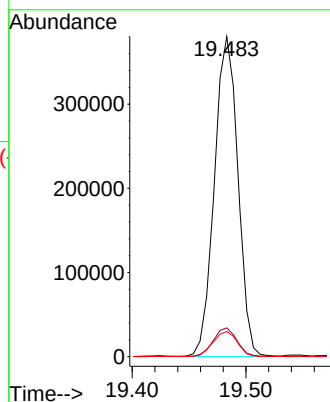
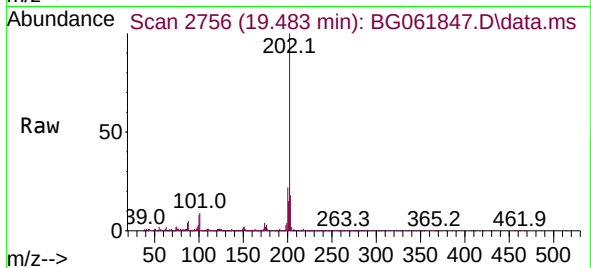
A4CR9

Tgt Ion:202 Resp: 54648
 Ion Ratio Lower Upper
 202 100
 101 9.0 7.8 11.6
 100 7.8 7.7 11.5

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#82

Pyrene

Concen: 18.096 ng/u1

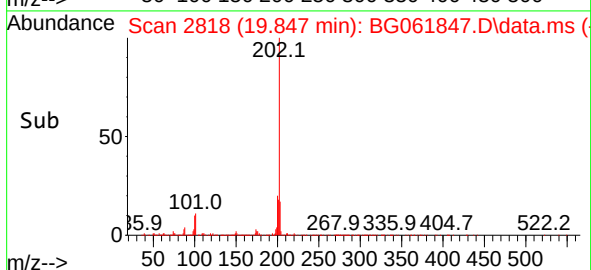
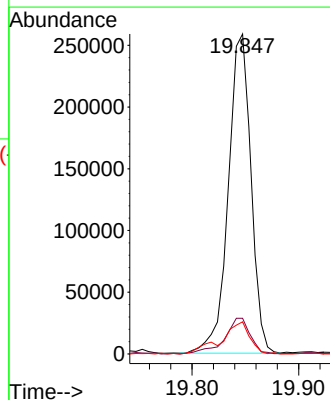
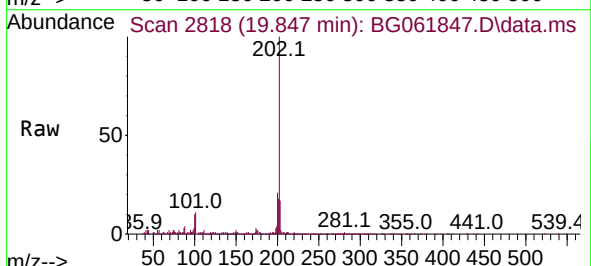
RT: 19.847 min Scan# 2818

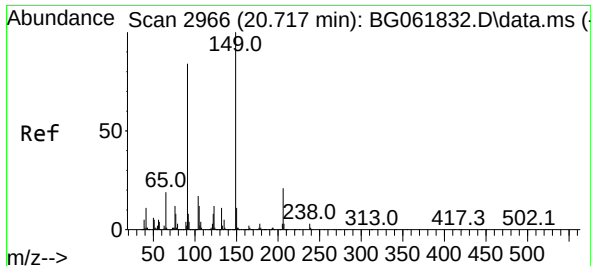
Delta R.T. 0.008 min

Lab File: BG061847.D

Acq: 2 Jul 2024 15:04

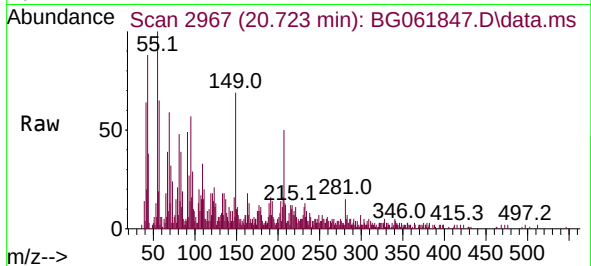
Tgt Ion:202 Resp: 383311
 Ion Ratio Lower Upper
 202 100
 101 11.1 10.1 15.1
 100 10.0 9.9 14.9





#83
Butylbenzylphthalate
Concen: 1.088 ng/ul
RT: 20.723 min Scan# 2966
Delta R.T. -0.004 min
Lab File: BG061847.D
Acq: 2 Jul 2024 15:04

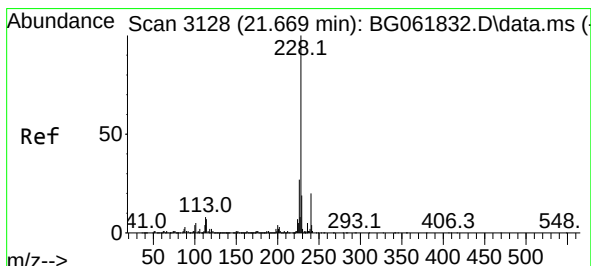
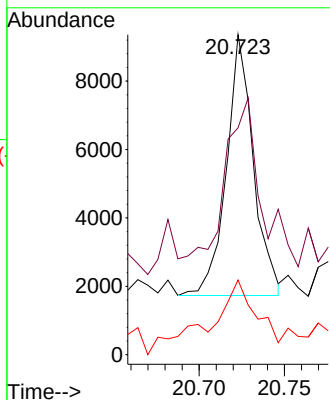
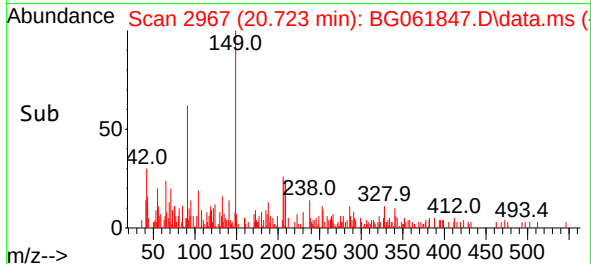
Instrument :
BNA_G
ClientSampleId :
A4CR9



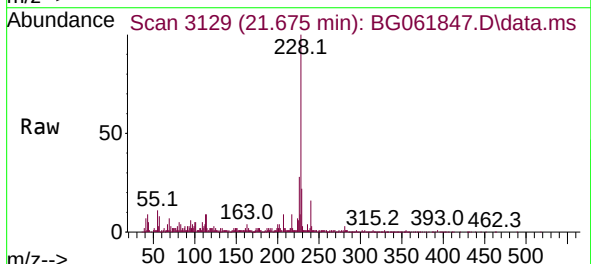
Tgt Ion:149 Resp: 839
Ion Ratio Lower Upper
149 100
91 70.9 68.1 102.1
206 23.4 17.9 26.9

Manual Integrations
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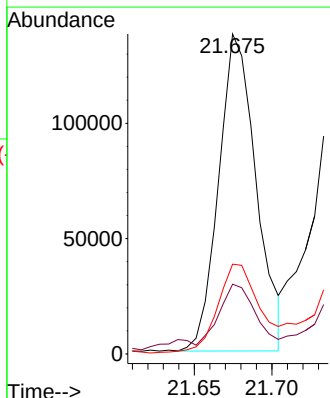
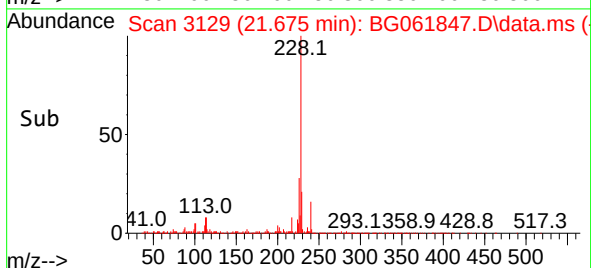
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024

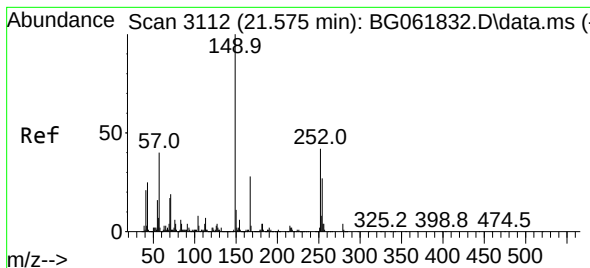


#85
Benzo(a)anthracene
Concen: 10.730 ng/ul
RT: 21.675 min Scan# 3129
Delta R.T. 0.002 min
Lab File: BG061847.D
Acq: 2 Jul 2024 15:04



Tgt Ion:228 Resp: 231494
Ion Ratio Lower Upper
228 100
229 21.8 15.8 23.8
226 28.1 21.4 32.2





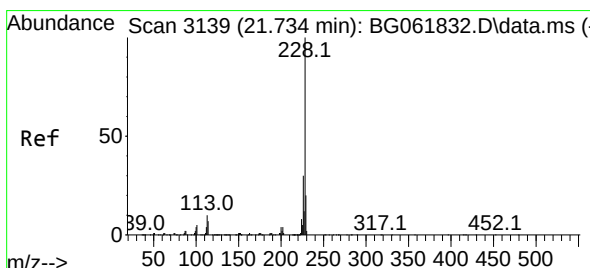
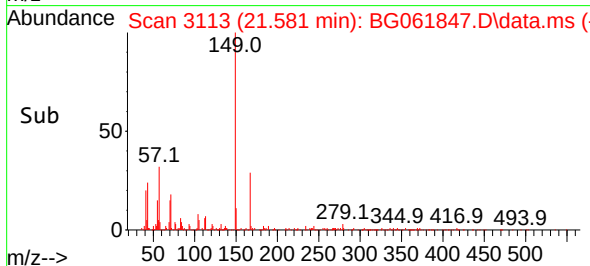
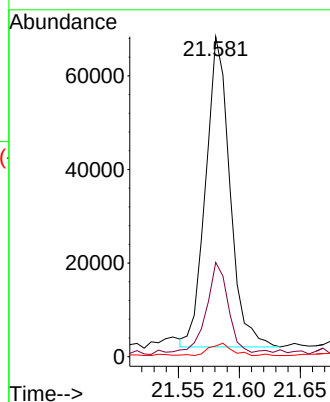
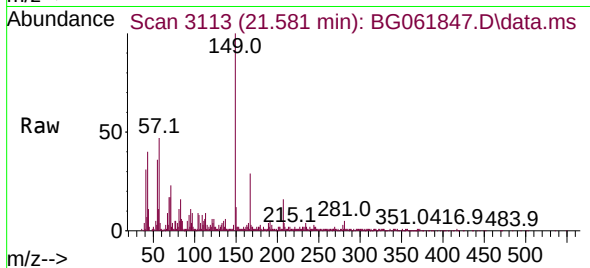
#86
Bis(2-ethylhexyl)phthalate
Concen: 8.075 ng/ul
RT: 21.581 min Scan# 3113
Delta R.T. -0.010 min
Lab File: BG061847.D
Acq: 2 Jul 2024 15:04

Instrument :
BNA_G
ClientSampleId :
A4CR9

Tgt Ion:149 Resp: 91539
Ion Ratio Lower Upper
149 100
167 29.5 20.5 30.7
279 3.4 2.9 4.3

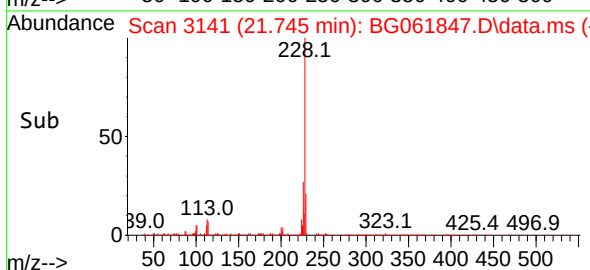
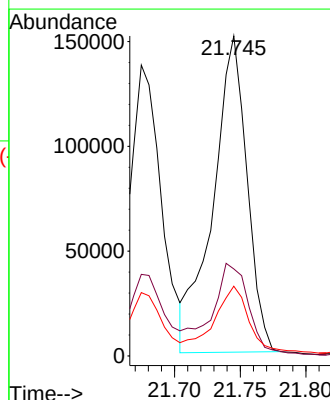
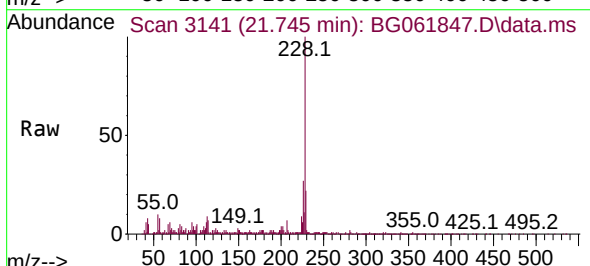
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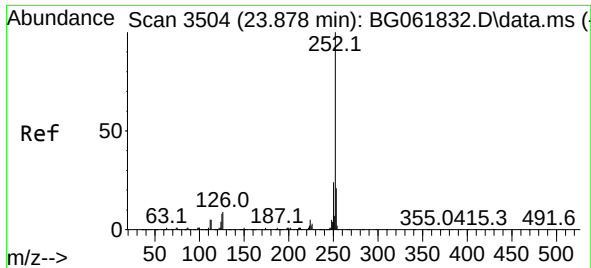
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#87
Chrysene
Concen: 13.337 ng/ul
RT: 21.745 min Scan# 3141
Delta R.T. 0.008 min
Lab File: BG061847.D
Acq: 2 Jul 2024 15:04

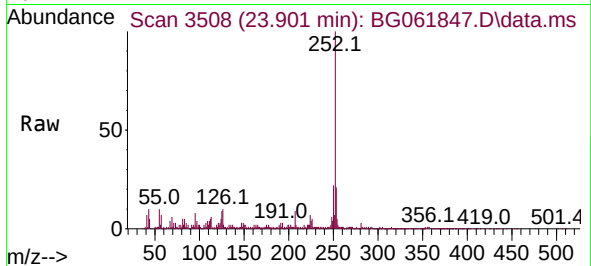
Tgt Ion:228 Resp: 272270
Ion Ratio Lower Upper
228 100
226 27.2 24.2 36.2
229 21.8 16.5 24.7





#90
Benzo(b)fluoranthene
Concen: 18.610 ng/ul
RT: 23.901 min Scan# 3508
Delta R.T. 0.014 min
Lab File: BG061847.D
Acq: 2 Jul 2024 15:04

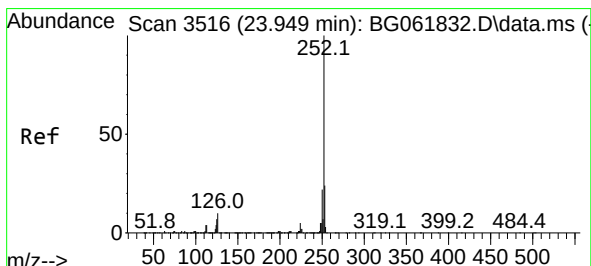
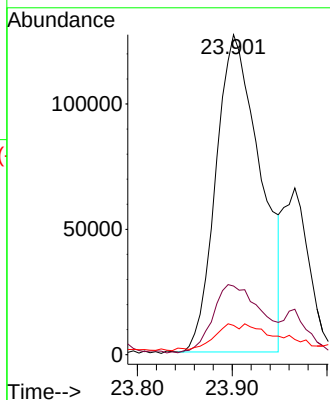
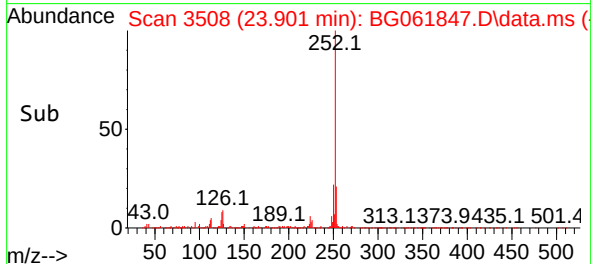
Instrument :
BNA_G
ClientSampleId :
A4CR9



Tgt Ion:252 Resp: 41278
Ion Ratio Lower Upper
252 100
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125 9.2 7.0 10.6

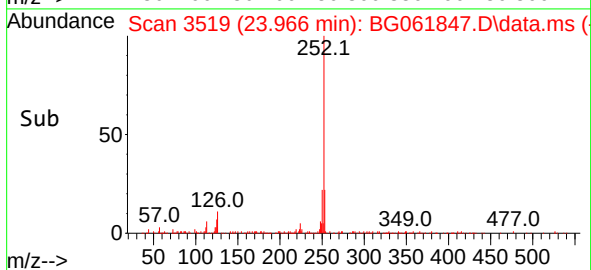
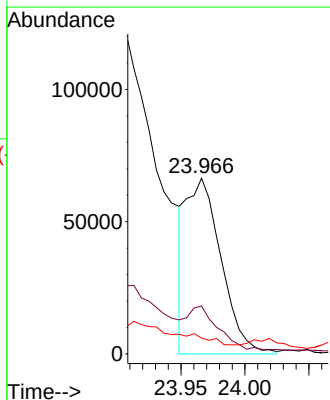
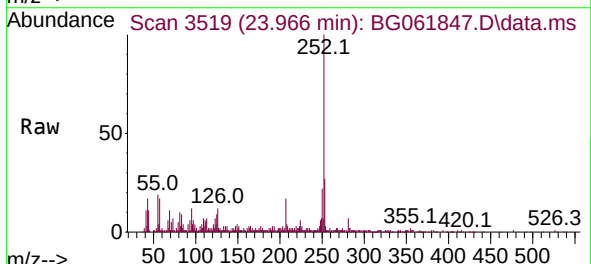
Manual Integrations
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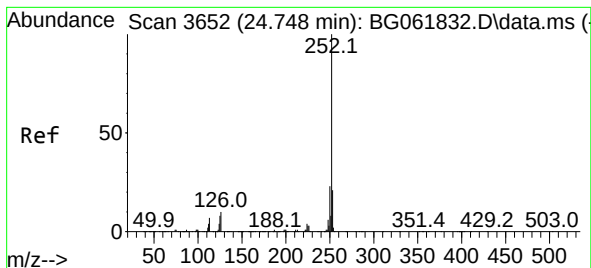
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#91
Benzo(k)fluoranthene
Concen: 5.538 ng/ul m
RT: 23.966 min Scan# 3519
Delta R.T. 0.008 min
Lab File: BG061847.D
Acq: 2 Jul 2024 15:04

Tgt Ion:252 Resp: 126340
Ion Ratio Lower Upper
252 100
253 27.3 17.8 26.6#
125 9.1 6.2 9.2





#93

Benzo(a)pyrene

Concen: 6.386 ng/ul

RT: 24.771 min Scan# 30

Delta R.T. 0.008 min

Lab File: BG061847.D

Acq: 2 Jul 2024 15:04

Instrument :

BNA_G

ClientSampleId :

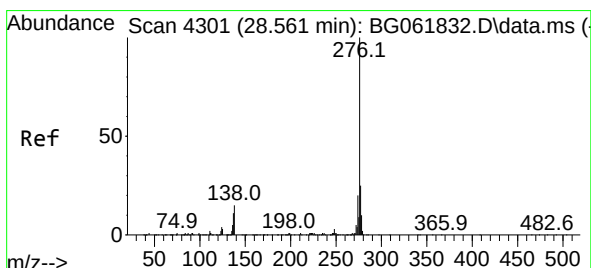
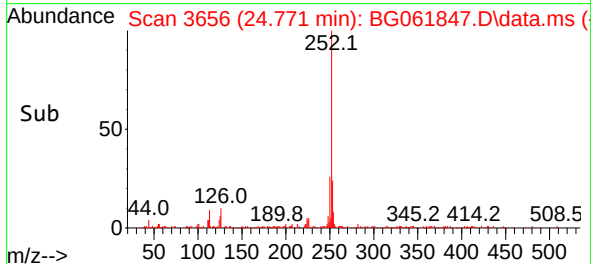
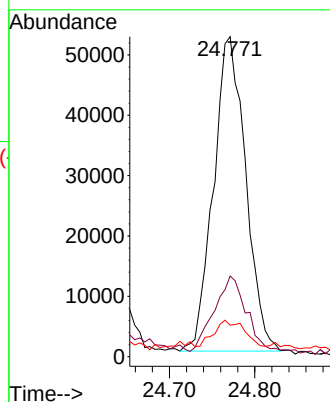
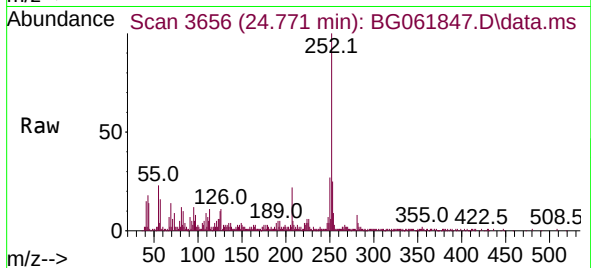
A4CR9

Tgt Ion:	252	Resp:	13637
Ion Ratio	Lower	Upper	
252	100		
253	25.2	16.8	25.2
125	9.8	6.5	9.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#94

Indeno(1,2,3-cd)pyrene

Concen: 5.477 ng/ul m

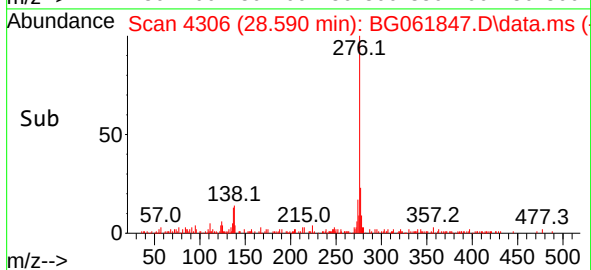
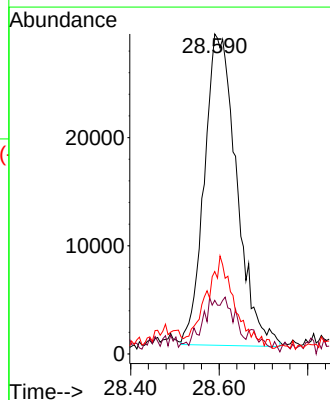
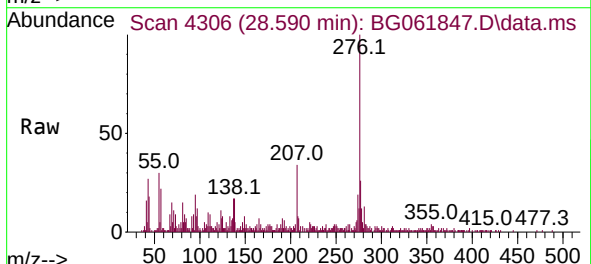
RT: 28.590 min Scan# 4306

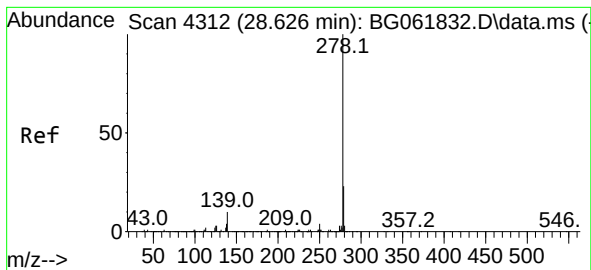
Delta R.T. 0.026 min

Lab File: BG061847.D

Acq: 2 Jul 2024 15:04

Tgt Ion:	276	Resp:	145746
Ion Ratio	Lower	Upper	
276	100		
138	16.8	12.2	18.4
277	25.8	19.7	29.5





#95

Dibenzo(a,h)anthracene

Concen: 2.491 ng/ul m

RT: 28.655 min Scan# 4

Delta R.T. 0.020 min

Lab File: BG061847.D

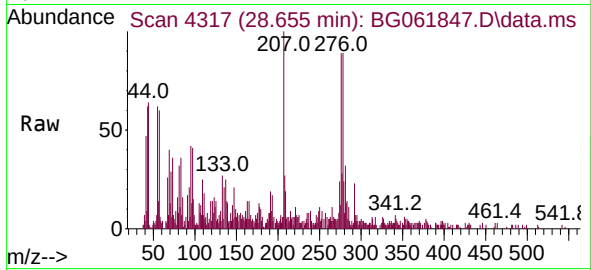
Acq: 2 Jul 2024 15:04

Instrument :

BNA_G

ClientSampleId :

A4CR9



Tgt Ion:278 Resp: 55109

Ion Ratio Lower Upper

278 100

139 15.0 9.1 13.7

279 26.6 18.6 28.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/02/2024

Supervised By :mohammad ahmed 07/04/2024

