

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082324\
 Data File : BG062571.D
 Acq On : 23 Aug 2024 17:57
 Operator : MA/JU
 Sample : P3695-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GCNA1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/24/2024
 Supervised By :mohammad ahmed 08/24/2024

Quant Time: Aug 23 23:05:40 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG081424.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 20 23:01:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.937	152	77391	20.000	ng/ul	0.00
20) Naphthalene-d8	10.733	136	330079	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.569	164	213837	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.330	188	375214	20.000	ng/ul	# 0.03
79) Chrysene-d12	21.554	240	382161	20.000	ng/ul	0.00
88) Perylene-d12	24.638	264	427999	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.402	96	2196	1.077	ng/uL	0.00
4) Pyridine-d5	3.813	84	9522	1.533	ng/ul	0.00
7) Phenol-d5	7.103	99	52734	6.850	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.267	67	33935	6.997	ng/ul	0.00
11) 2-Chlorophenol-d4	7.473	132	41459	7.883	ng/ul	0.00
15) 4-Methylphenol-d8	8.636	113	44105	6.834	ng/ul	0.00
21) Nitrobenzene-d5	9.088	128	21676	10.240	ng/ul	0.00
24) 2-Nitrophenol-d4	9.811	143	23302	11.066	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.351	165	45384	8.462	ng/ul	0.00
31) 4-Chloroaniline-d4	10.851	131	120899	14.214	ng/ul	-0.02
46) Dimethylphthalate-d6	13.970	166	128359	7.717	ng/ul	0.00
49) Acenaphthylene-d8	14.264	160	152852	8.300	ng/ul	0.00
54) 4-Nitrophenol-d4	14.775	143	33706	12.703	ng/ul	0.03
60) Fluorene-d10	15.568	176	133777	8.917	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	15.697	200	15631	9.169	ng/ul	0.03
73) Anthracene-d10	17.430	188	154547	8.574	ng/ul	0.03
81) Pyrene-d10	19.703	212	153193	6.845	ng/ul	0.02
92) Benzo(a)pyrene-d12	24.426	264	125326	5.518	ng/ul	0.01
Target Compounds					Qvalue	
16) Acetophenone	8.748	105	19547	1.849	ng/ul#	76
30) Naphthalene	10.780	128	85234	4.452	ng/ul#	84
36) 2-Methylnaphthalene	12.396	142	1007813	74.546	ng/ul	97
37) 1-Methylnaphthalene	12.613	142	897796	65.087	ng/ul	98
43) 1,1'-Biphenyl	13.394	154	80617	4.976	ng/ul	97
52) Acenaphthene	14.634	153	190072m	12.880	ng/ul	
58) 2,3,4,6-Tetrachlorophenol	15.210	232	210250	50.706	ng/ul#	79
61) Fluorene	15.621	166	258968	15.827	ng/ul#	89
71) Pentachlorophenol	17.025	266	4401569	1537.435	ng/ul	93
72) Phenanthrene	17.383	178	2677454	126.991	ng/ul	93
74) Anthracene	17.465	178	66014	3.057	ng/ul#	79
80) Fluoranthene	19.375	202	91598	3.663	ng/ul#	88
82) Pyrene	19.733	202	219259	8.136	ng/ul#	93
86) Bis(2-ethylhexyl)phtha...	21.454	149	18896	1.425	ng/ul	94
87) Chrysene	21.601	228	58127	2.210	ng/ul	96

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

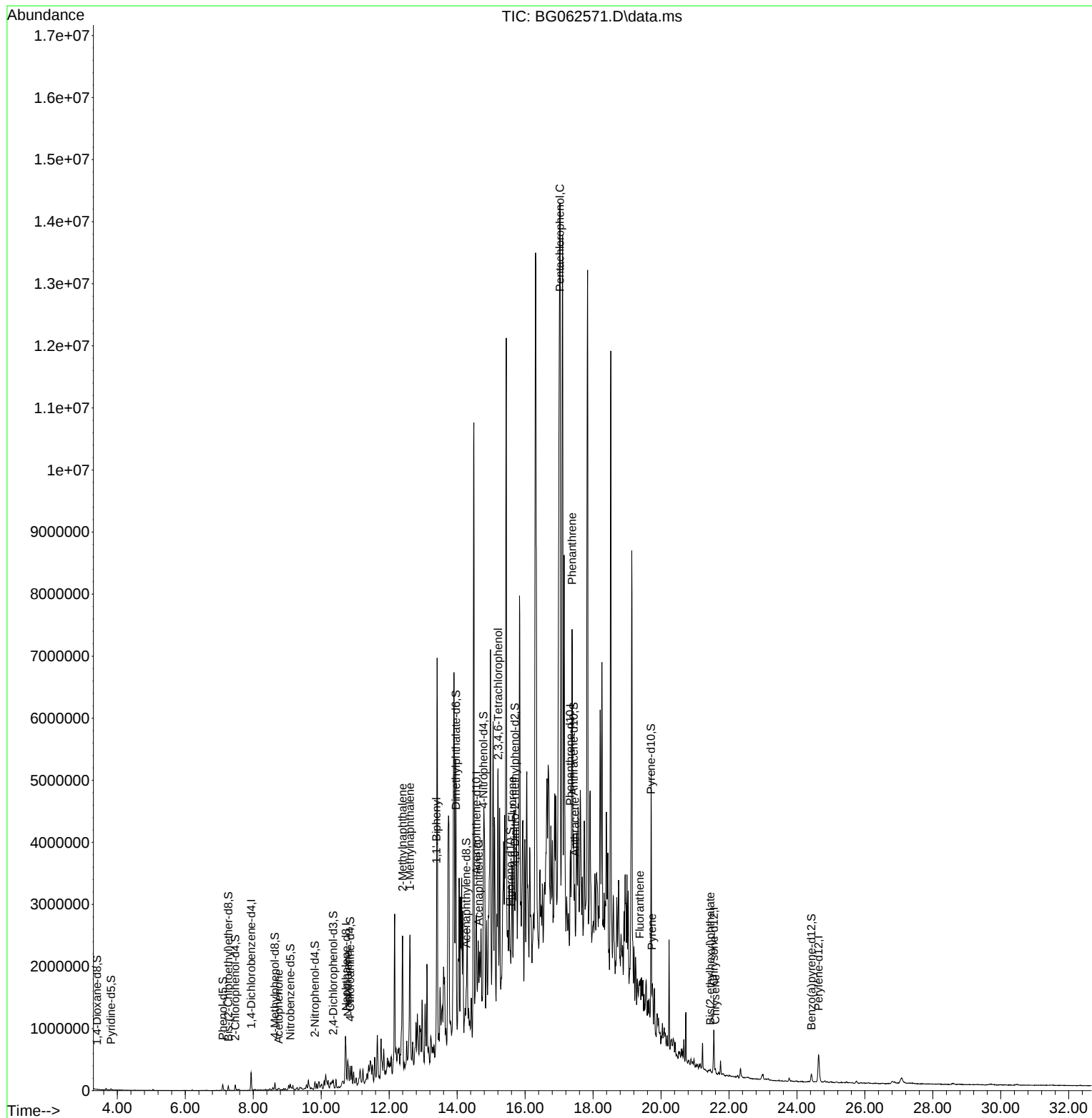
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Data File : BG062571.D
Acq On : 23 Aug 2024 17:57
Operator : MA/JU
Sample : P3695-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

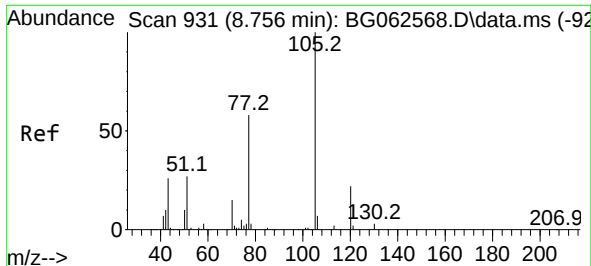
Instrument :
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Quant Time: Aug 23 23:05:40 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG081424.MA.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

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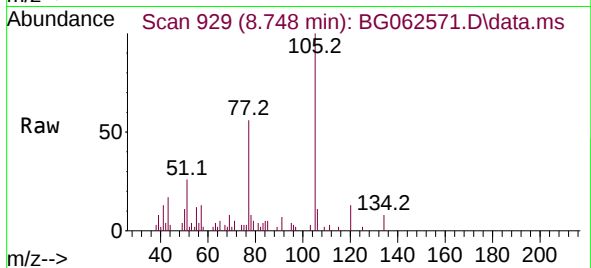
Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/24/2024





#16
Acetophenone
Concen: 1.849 ng/ul
RT: 8.748 min Scan# 91
Delta R.T. -0.010 min
Lab File: BG062571.D
Acq: 23 Aug 2024 17:57

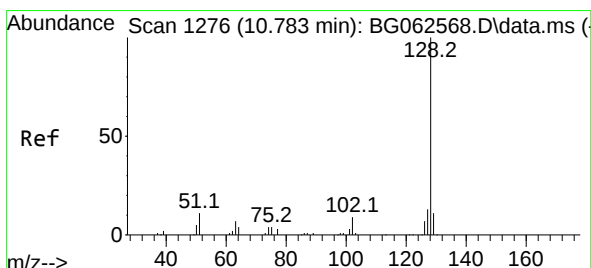
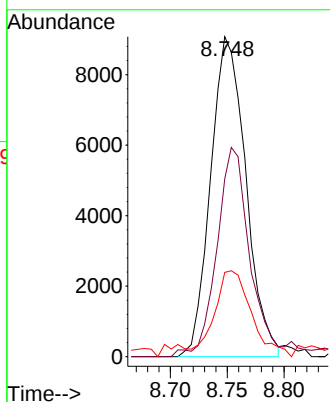
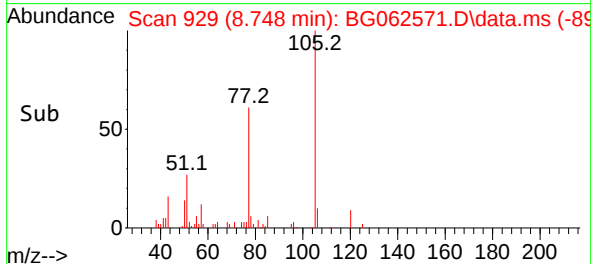
Instrument :
BNA_G
ClientSampleId :
GCNA1



Tgt Ion:105 Resp: 1954
Ion Ratio Lower Upper
105 100
77 55.6 64.6 97.0#
51 26.4 27.8 41.8#

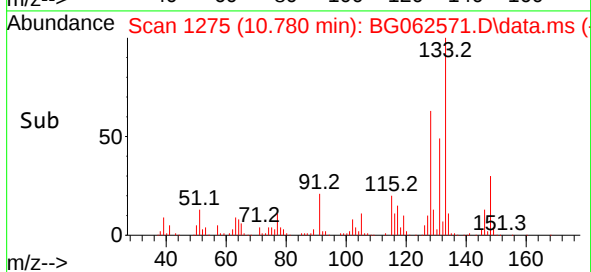
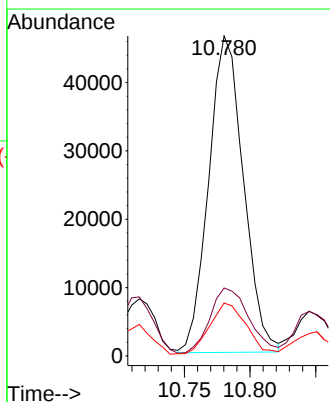
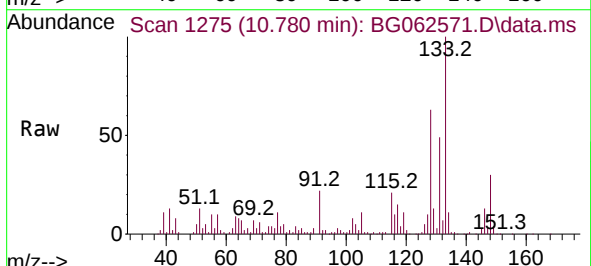
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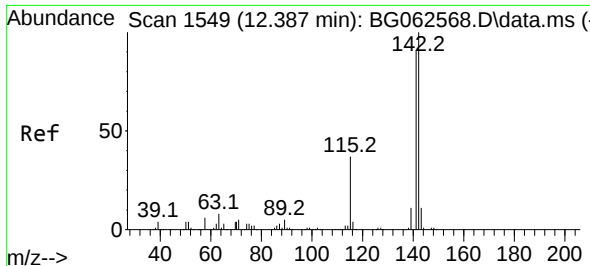
Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/24/2024



#30
Naphthalene
Concen: 4.452 ng/ul
RT: 10.780 min Scan# 1275
Delta R.T. -0.004 min
Lab File: BG062571.D
Acq: 23 Aug 2024 17:57

Tgt Ion:128 Resp: 85234
Ion Ratio Lower Upper
128 100
129 21.2 8.9 13.3#
127 16.6 10.8 16.2#





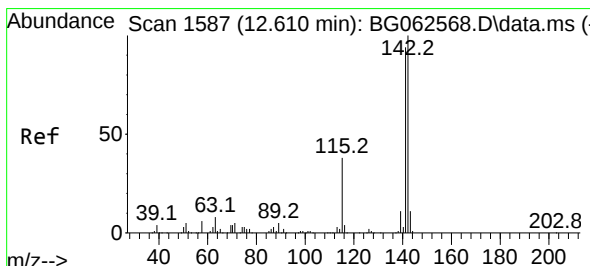
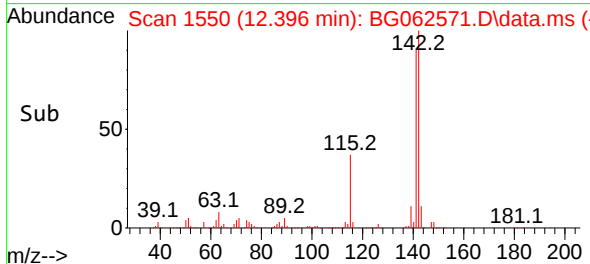
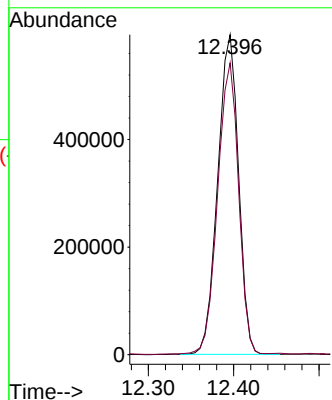
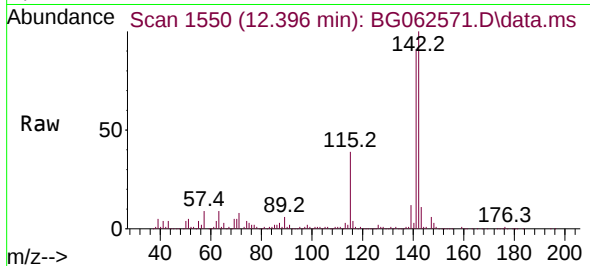
#36
2-Methylnaphthalene
Concen: 74.546 ng/ul
RT: 12.396 min Scan# 1550
Delta R.T. 0.008 min
Lab File: BG062571.D
Acq: 23 Aug 2024 17:57

Instrument :
BNA_G
ClientSampleId :
GCNA1

Tgt Ion:142 Resp: 100781
Ion Ratio Lower Upper
142 100
141 91.2 75.0 112.4

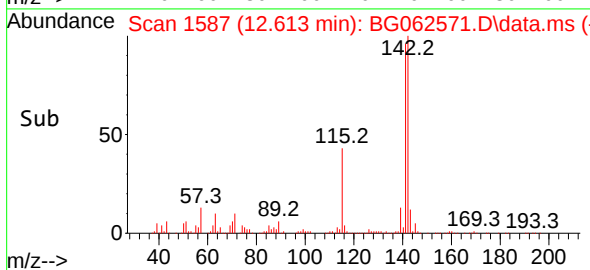
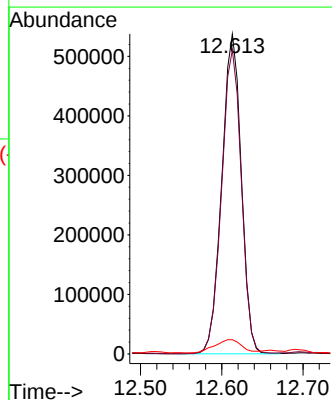
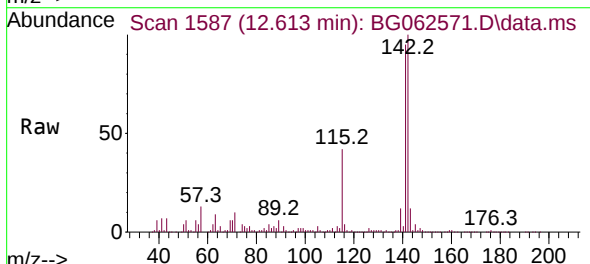
Manual Integrations
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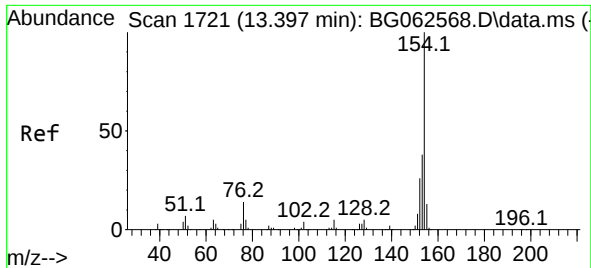
Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/24/2024



#37
1-Methylnaphthalene
Concen: 65.087 ng/ul
RT: 12.613 min Scan# 1587
Delta R.T. 0.002 min
Lab File: BG062571.D
Acq: 23 Aug 2024 17:57

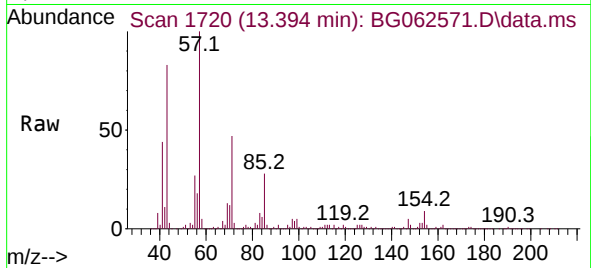
Tgt Ion:142 Resp: 897796
Ion Ratio Lower Upper
142 100
141 95.0 74.3 111.5
116 4.4 3.2 4.8





#43
1,1'-Biphenyl
Concen: 4.976 ng/ul
RT: 13.394 min Scan# 1721
Delta R.T. -0.004 min
Lab File: BG062571.D
Acq: 23 Aug 2024 17:57

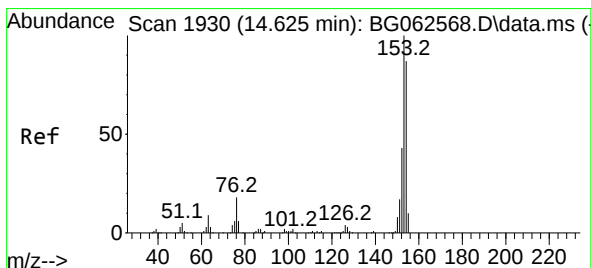
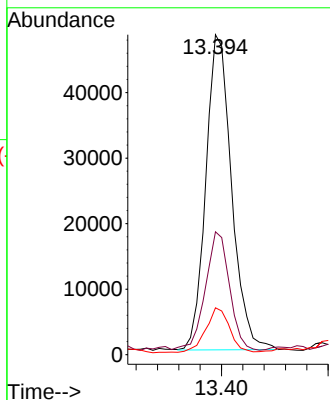
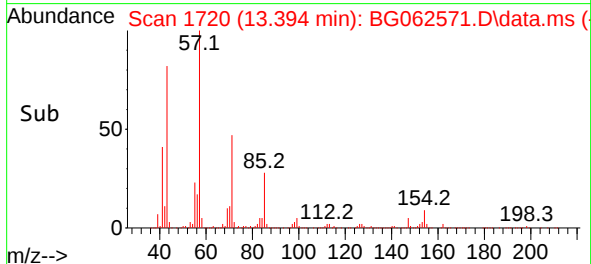
Instrument :
BNA_G
ClientSampleId :
GCNA1



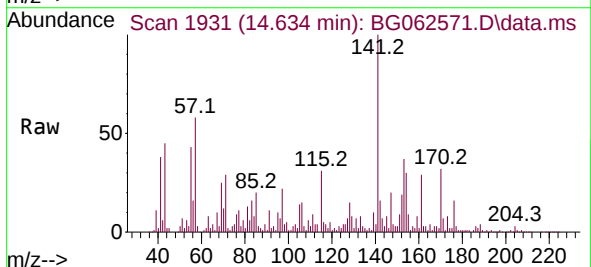
Tgt Ion:154 Resp: 8061
Ion Ratio Lower Upper
154 100
153 38.4 31.8 47.8
76 14.6 10.4 15.6

Manual Integrations
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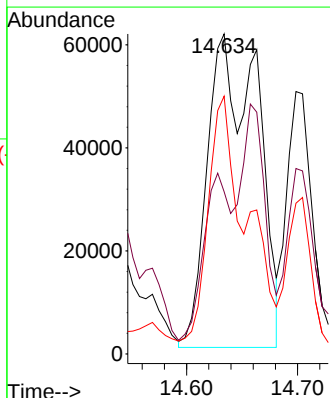
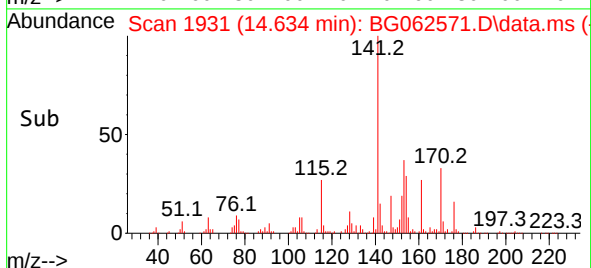
Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/24/2024

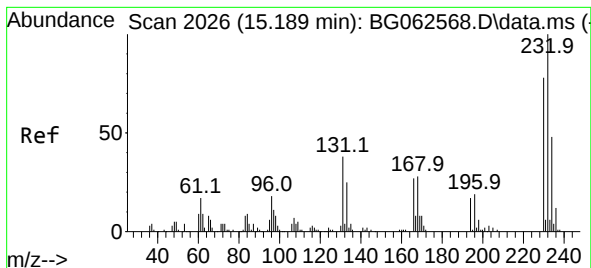


#52
Acenaphthene
Concen: 12.880 ng/ul m
RT: 14.634 min Scan# 1931
Delta R.T. 0.008 min
Lab File: BG062571.D
Acq: 23 Aug 2024 17:57



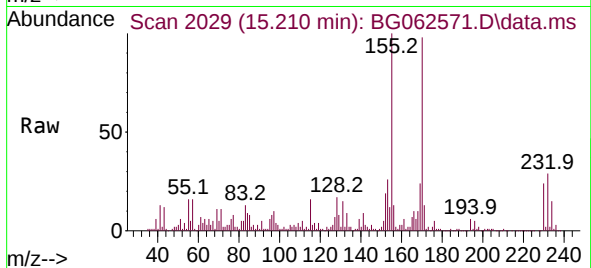
Tgt Ion:153 Resp: 190072
Ion Ratio Lower Upper
153 100
152 50.7 35.7 53.5
154 80.5 66.7 100.1





#58
2,3,4,6-Tetrachlorophenol
Concen: 50.706 ng/ul
RT: 15.210 min Scan# 2026
Delta R.T. 0.026 min
Lab File: BG062571.D
Acq: 23 Aug 2024 17:57

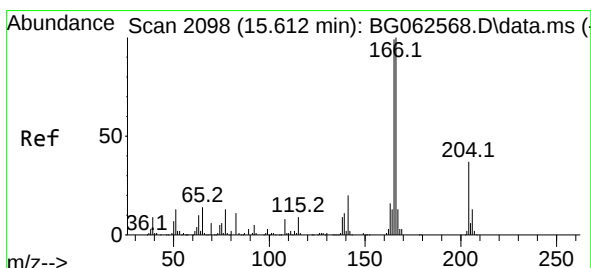
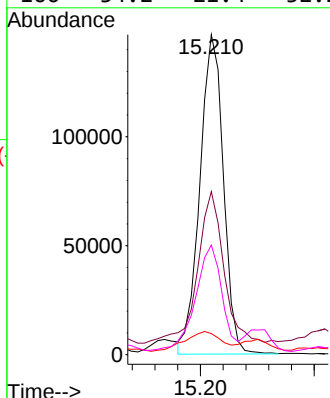
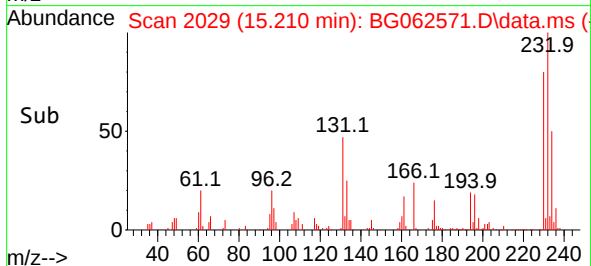
Instrument :
BNA_G
ClientSampleId :
GCNA1



Tgt Ion:232 Resp: 210250
Ion Ratio Lower Upper
232 100
131 51.0 28.7 43.1
130 6.6 1.5 2.3
166 34.2 21.4 32.2#

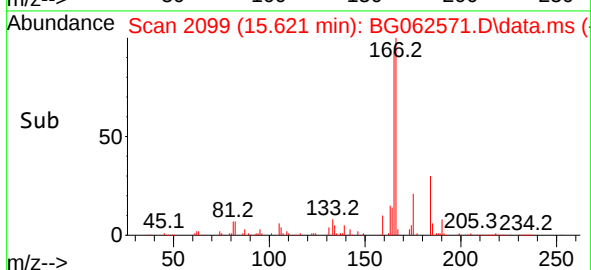
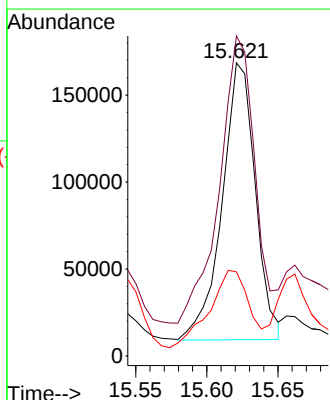
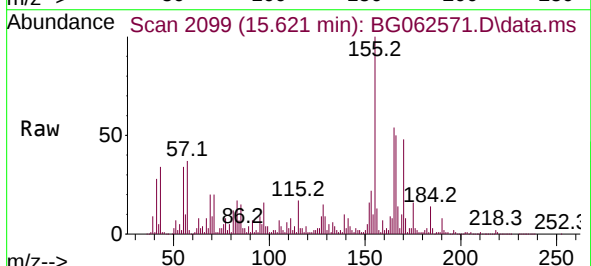
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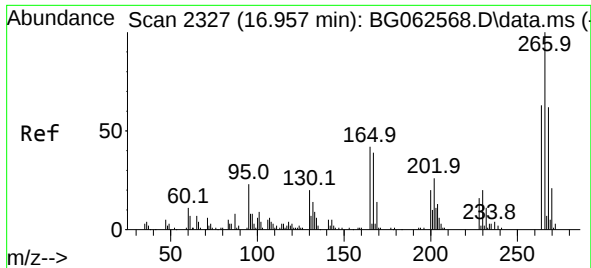
Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/24/2024



#61
Fluorene
Concen: 15.827 ng/ul
RT: 15.621 min Scan# 2099
Delta R.T. 0.014 min
Lab File: BG062571.D
Acq: 23 Aug 2024 17:57

Tgt Ion:166 Resp: 258968
Ion Ratio Lower Upper
166 100
165 109.1 81.0 121.6
167 28.7 10.6 16.0#





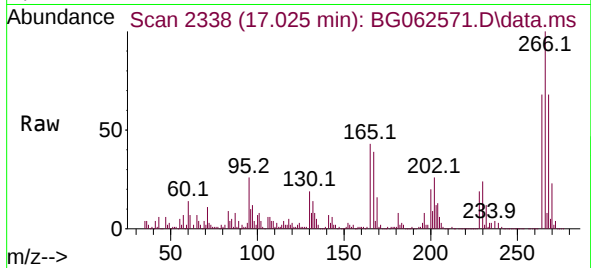
#71
 Pentachlorophenol
 Concen: 1537.435 ng/uI
 RT: 17.025 min Scan# 21
 Delta R.T. 0.073 min
 Lab File: BG062571.D
 Acq: 23 Aug 2024 17:57

Instrument :

BNA_G

ClientSampleId :

GCNA1

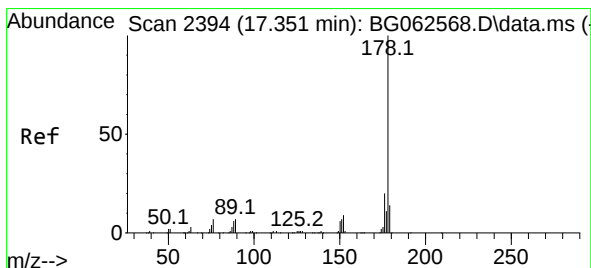
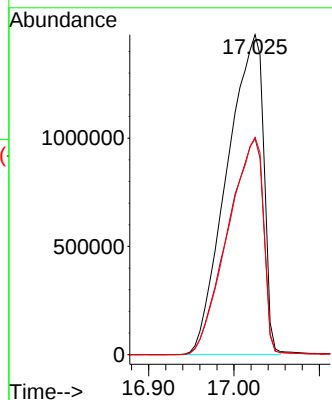
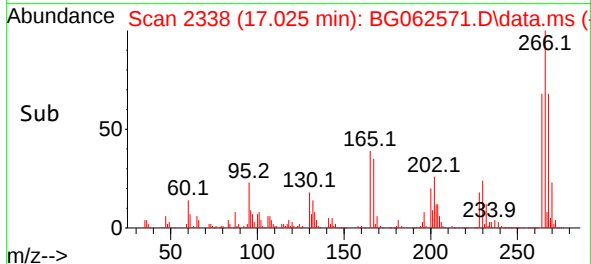


Tgt Ion:266 Resp: 4401569
 Ion Ratio Lower Upper
 266 100
 264 67.5 49.4 74.2
 268 67.9 50.1 75.1

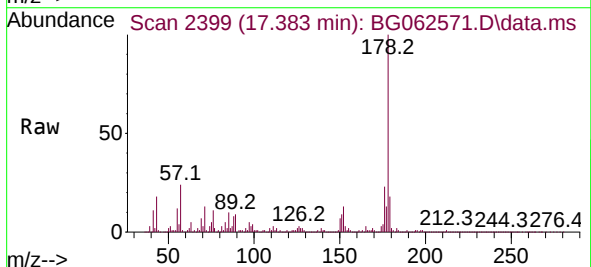
Manual Integrations

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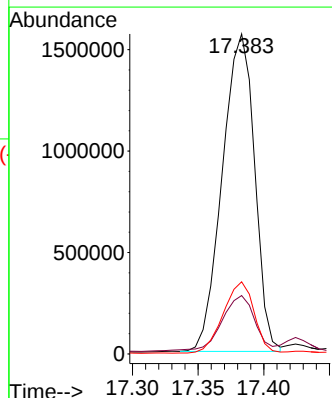
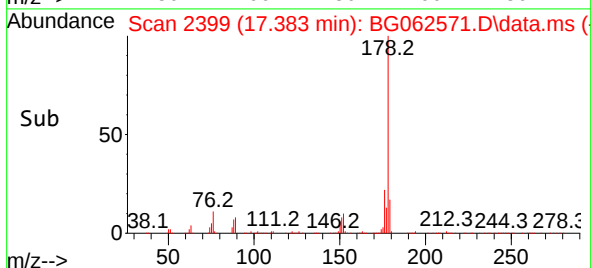
Reviewed By :Yogesh Patel 08/24/2024
 Supervised By :mohammad ahmed 08/24/2024

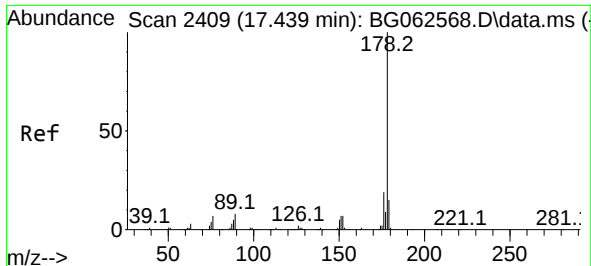


#72
 Phenanthrene
 Concen: 126.991 ng/uI
 RT: 17.383 min Scan# 2399
 Delta R.T. 0.037 min
 Lab File: BG062571.D
 Acq: 23 Aug 2024 17:57



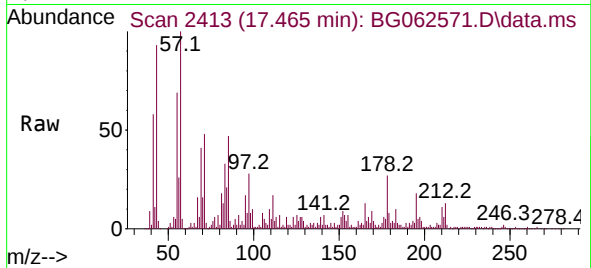
Tgt Ion:178 Resp: 2677454
 Ion Ratio Lower Upper
 178 100
 179 18.2 12.4 18.6
 176 22.5 15.2 22.8





#74
Anthracene
Concen: 3.057 ng/u1
RT: 17.465 min Scan# 2409
Delta R.T. 0.031 min
Lab File: BG062571.D
Acq: 23 Aug 2024 17:57

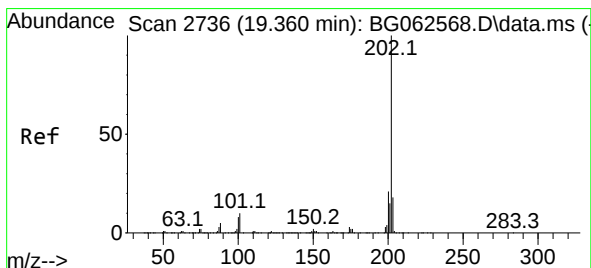
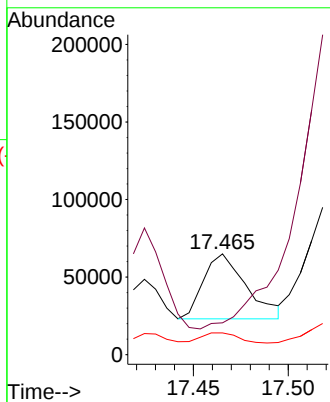
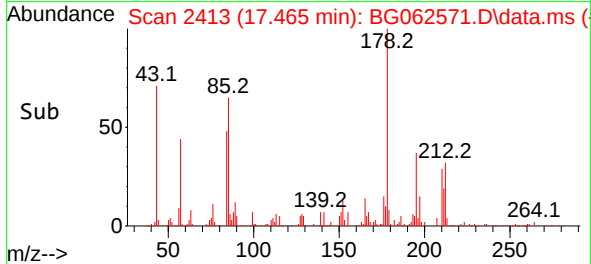
Instrument :
BNA_G
ClientSampleId :
GCNA1



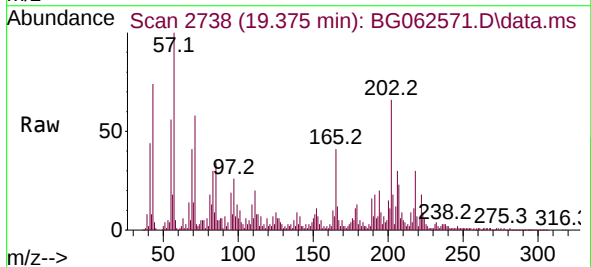
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Ion Ratio Lower Upper
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179 31.6 12.2 18.2#
176 21.6 14.9 22.3#

Manual Integrations
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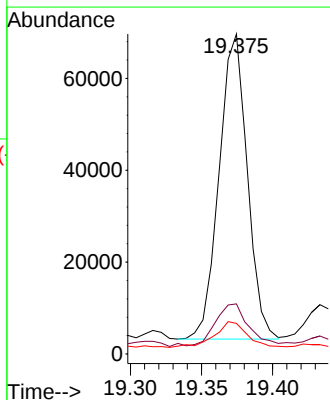
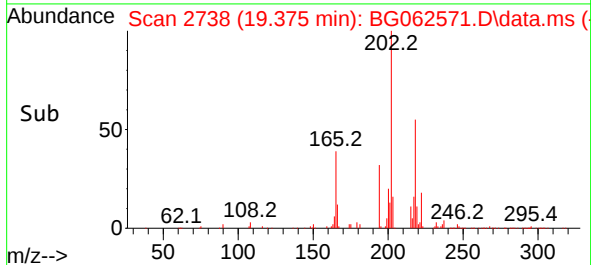
Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/24/2024

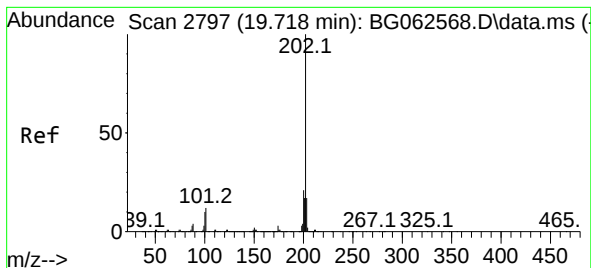


#80
Fluoranthene
Concen: 3.663 ng/u1
RT: 19.375 min Scan# 2738
Delta R.T. 0.026 min
Lab File: BG062571.D
Acq: 23 Aug 2024 17:57



Tgt Ion:202 Resp: 91598
Ion Ratio Lower Upper
202 100
101 15.6 7.6 11.4#
100 9.6 6.2 9.2#





#82

Pyrene

Concen: 8.136 ng/ul

RT: 19.733 min Scan# 21925

Delta R.T. 0.020 min

Lab File: BG062571.D

Acq: 23 Aug 2024 17:57

Instrument :

BNL_G

ClientSampleId :

GCNA1

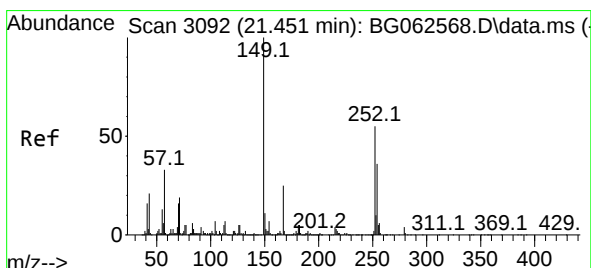
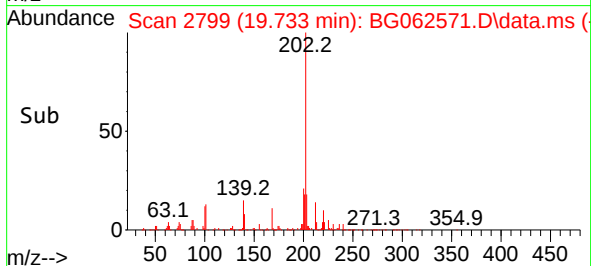
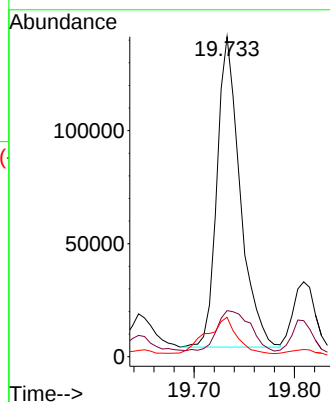
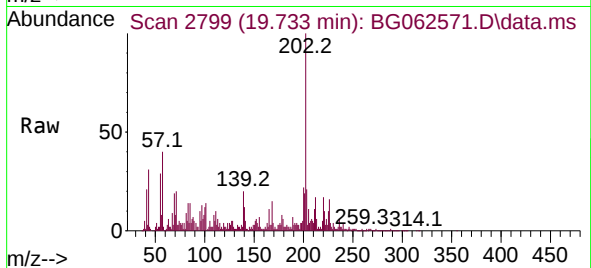
Tgt Ion:	202	Resp:	21925
Ion Ratio	Lower	Upper	
202	100		
101	14.4	9.0	13.6
100	12.3	8.2	12.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/24/2024

Supervised By :mohammad ahmed 08/24/2024



#86

Bis(2-ethylhexyl)phthalate

Concen: 1.425 ng/ul

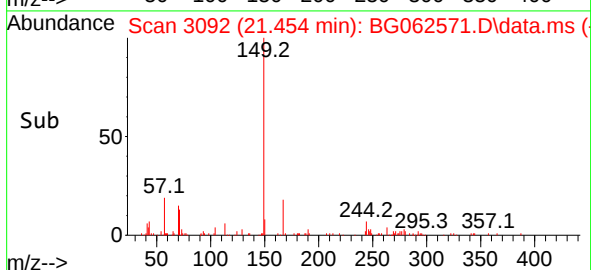
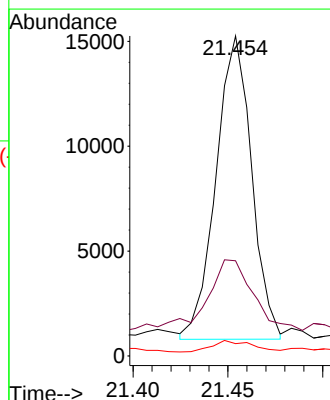
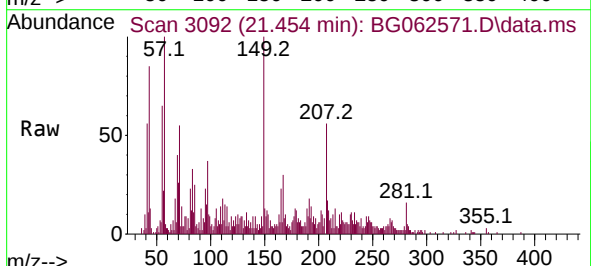
RT: 21.454 min Scan# 3092

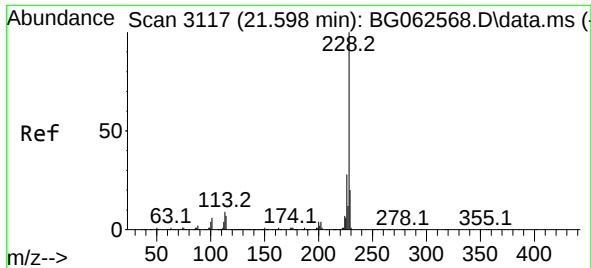
Delta R.T. 0.008 min

Lab File: BG062571.D

Acq: 23 Aug 2024 17:57

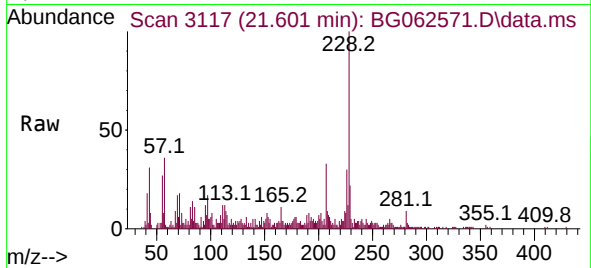
Tgt Ion:	149	Resp:	18896
Ion Ratio	Lower	Upper	
149	100		
167	29.8	21.2	31.8
279	3.9	2.7	4.1





#87
 Chrysene
 Concen: 2.210 ng/ul
 RT: 21.601 min Scan# 3117
 Delta R.T. 0.014 min
 Lab File: BG062571.D
 Acq: 23 Aug 2024 17:57

Instrument :
 BNA_G
 ClientSampleId :
 GCNA1



Tgt Ion:	228	Resp:	5812
Ion Ratio	Lower	Upper	
228	100		
226	30.0	23.4	35.2
229	22.3	15.2	22.8

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/24/2024
 Supervised By :mohammad ahmed 08/24/2024

