

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121724\
 Data File : BG063696.D
 Acq On : 17 Dec 2024 13:37
 Operator : RC/JU
 Sample : P5155-07
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E28R2

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/18/2024
 Supervised By :mohammad ahmed 12/18/2024

Quant Time: Dec 17 14:22:43 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	7.806	152	167548	20.000	ng/u1	0.00
20) Naphthalene-d8	10.596	136	685182	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.445	164	501359	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.195	188	1102118	20.000	ng/u1	-0.01
79) Chrysene-d12	21.448	240	982360	20.000	ng/u1	#-0.01
88) Perylene-d12	24.468	264	1038938	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.270	96	12104	2.831	ng/uL	0.00
4) Pyridine-d5	3.675	84	69070	5.121	ng/u1	-0.01
7) Phenol-d5	6.995	99	302997	19.636	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.136	67	195649	18.358	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.341	132	213644	21.386	ng/u1	0.00
15) 4-Methylphenol-d8	8.522	113	236210	19.716	ng/u1	0.00
21) Nitrobenzene-d5	8.963	128	106156	21.699	ng/u1	0.00
24) 2-Nitrophenol-d4	9.680	143	120000	21.882	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.232	165	228357	21.508	ng/u1	0.00
31) 4-Chloroaniline-d4	10.737	131	134466	9.974	ng/u1	0.00
46) Dimethylphthalate-d6	13.851	166	740582	21.708	ng/u1	0.00
49) Acenaphthylene-d8	14.139	160	822505	21.150	ng/u1	0.00
54) 4-Nitrophenol-d4	14.680	143	77540	16.042	ng/u1	0.00
60) Fluorene-d10	15.444	176	649817	21.544	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.573	200	68345	11.944	ng/u1	0.00
73) Anthracene-d10	17.294	188	1003399	21.176	ng/u1	-0.01
81) Pyrene-d10	19.598	212	991679	19.399	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.263	264	694371	14.232	ng/u1	-0.01
Target Compounds						Qvalue
8) Phenol	7.024	94	40292	2.450	ng/u1#	92
16) Acetophenone	8.628	105	111075	5.466	ng/u1	95
72) Phenanthrene	17.236	178	103964	1.957	ng/u1	98
80) Fluoranthene	19.263	202	307962	5.300	ng/u1	97
82) Pyrene	19.627	202	238786	3.863	ng/u1	98
85) Benzo(a)anthracene	21.431	228	147887	2.402	ng/u1#	93
86) Bis(2-ethylhexyl)phtha...	21.343	149	362160	13.120	ng/u1	99
87) Chrysene	21.490	228	160040	2.727	ng/u1#	82
90) Benzo(b)fluoranthene	23.517	252	211131	3.576	ng/u1#	84
91) Benzo(k)fluoranthene	23.575	252	90331m	1.534	ng/u1	
93) Benzo(a)pyrene	24.333	252	94689	1.708	ng/u1#	59
94) Indeno(1,2,3-cd)pyrene	27.882	276	86892m	1.284	ng/u1	

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

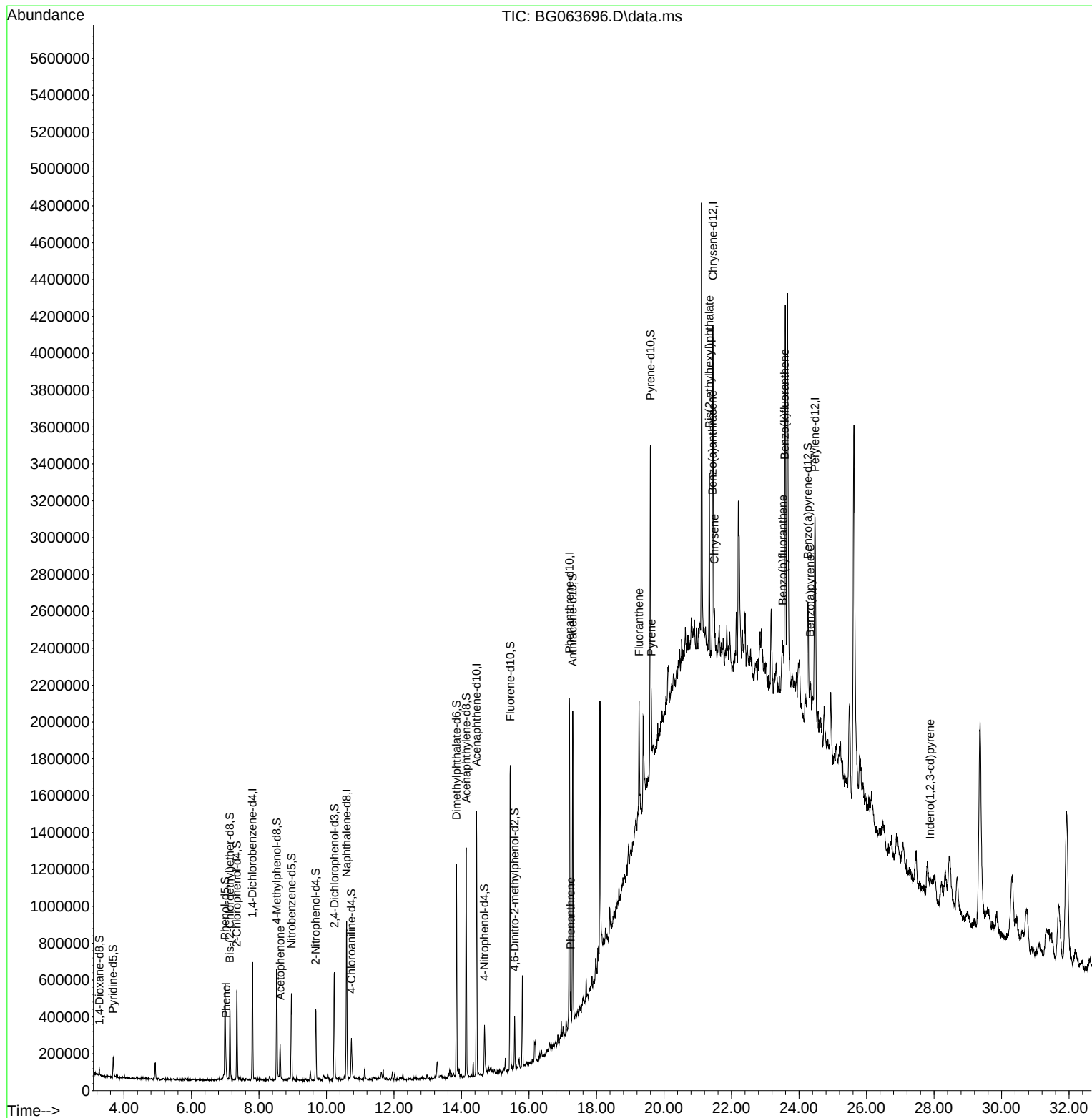
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121724\
Data File : BG063696.D
Acq On : 17 Dec 2024 13:37
Operator : RC/JU
Sample : P5155-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

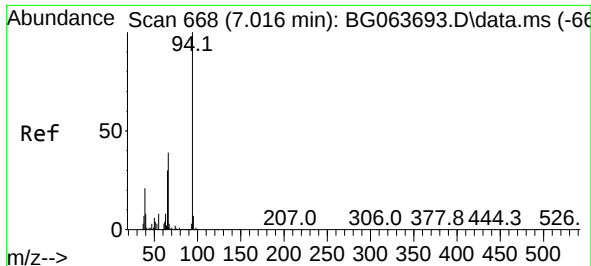
Instrument :
BNA_G
ClientSampleId :
E28R2

Quant Time: Dec 17 14:22:43 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

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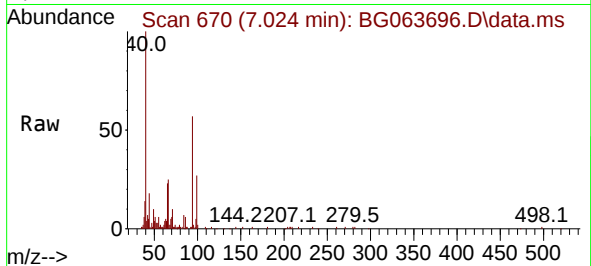
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024





#8
Phenol
Concen: 2.450 ng/ul
RT: 7.024 min Scan# 61
Delta R.T. 0.006 min
Lab File: BG063696.D
Acq: 17 Dec 2024 13:37

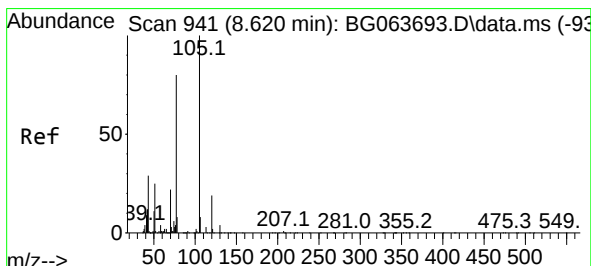
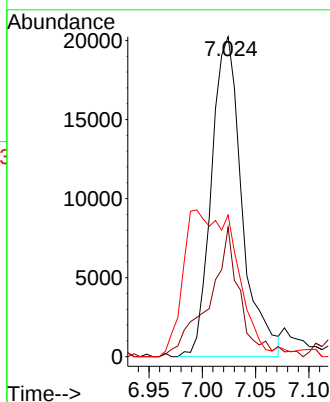
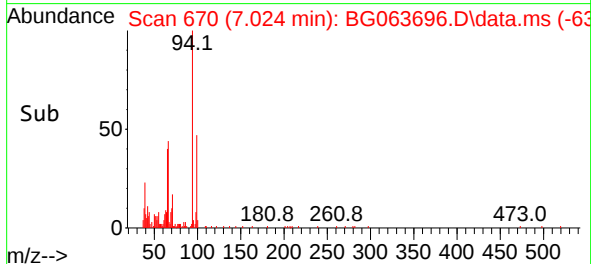
Instrument :
BNA_G
ClientSampleId :
E28R2



Tgt Ion: 94 Resp: 40292
Ion Ratio Lower Upper
94 100
65 40.4 25.6 38.4
66 44.3 34.2 51.2

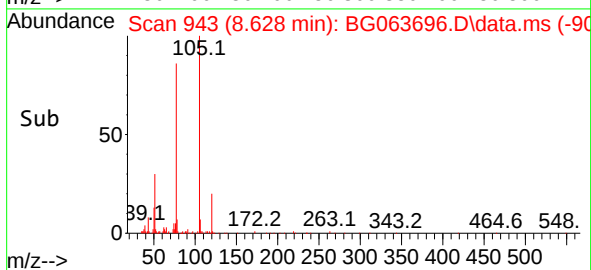
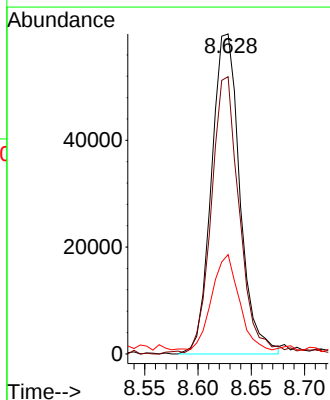
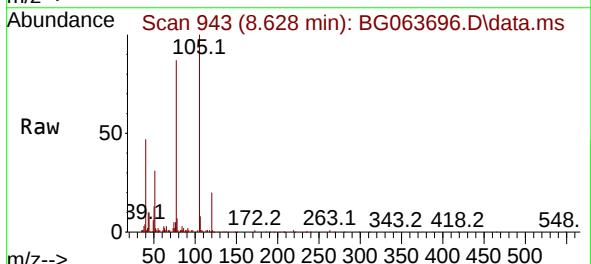
Manual Integrations
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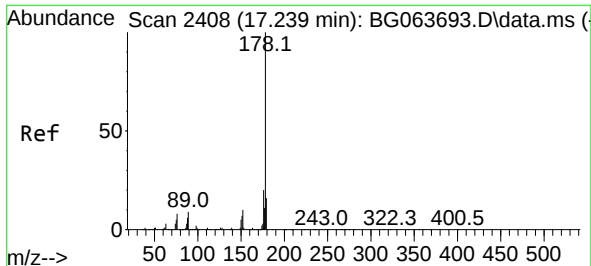
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024



#16
Acetophenone
Concen: 5.466 ng/ul
RT: 8.628 min Scan# 943
Delta R.T. -0.000 min
Lab File: BG063696.D
Acq: 17 Dec 2024 13:37

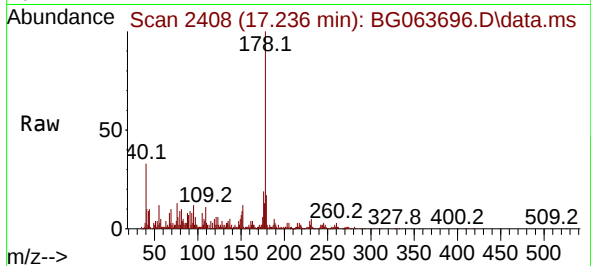
Tgt Ion:105 Resp: 111075
Ion Ratio Lower Upper
105 100
77 86.7 73.6 110.4
51 31.0 25.4 38.2





#72
Phenanthrene
Concen: 1.957 ng/ul
RT: 17.236 min Scan# 2408
Delta R.T. -0.012 min
Lab File: BG063696.D
Acq: 17 Dec 2024 13:37

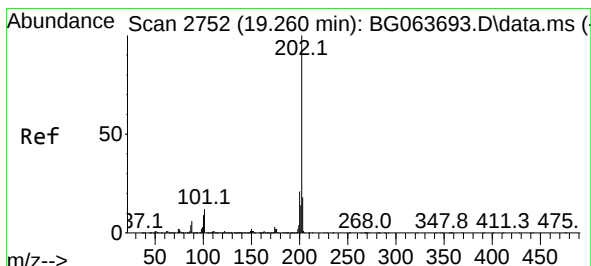
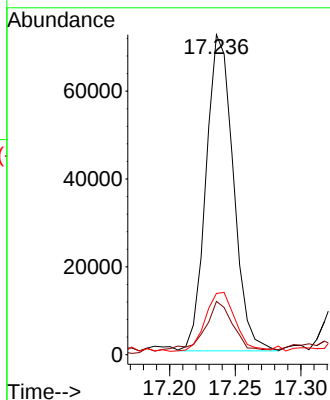
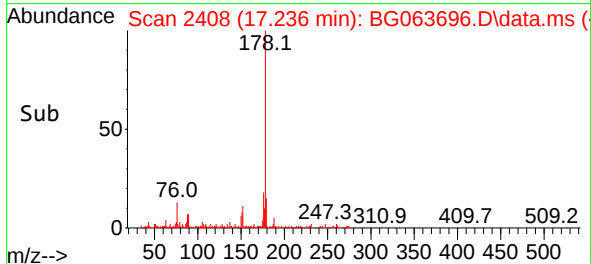
Instrument :
BNA_G
ClientSampleId :
E28R2



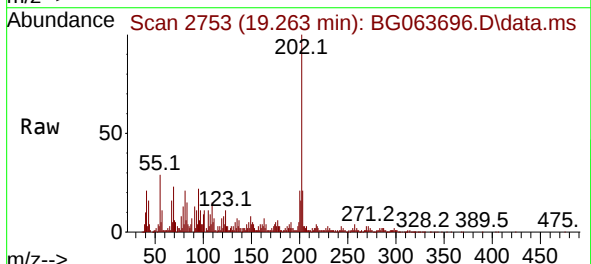
Tgt Ion:178 Resp: 103964
Ion Ratio Lower Upper
178 100
179 16.7 12.2 18.2
176 19.2 15.8 23.6

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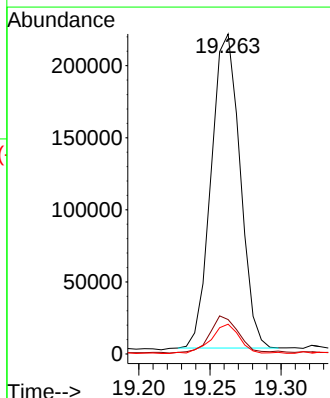
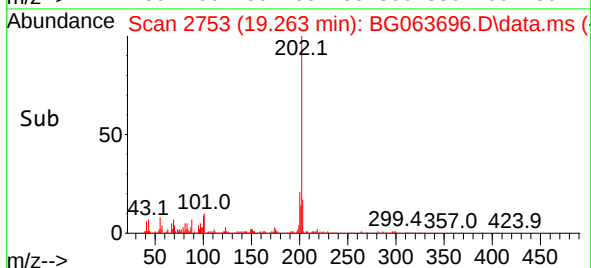
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024

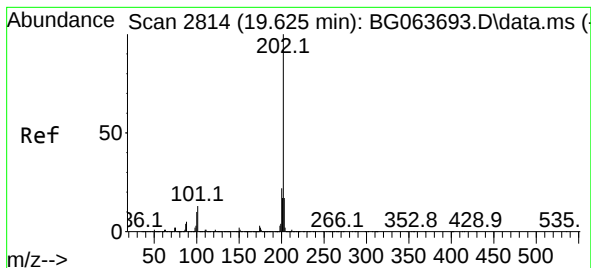


#80
Fluoranthene
Concen: 5.300 ng/ul
RT: 19.263 min Scan# 2753
Delta R.T. -0.006 min
Lab File: BG063696.D
Acq: 17 Dec 2024 13:37



Tgt Ion:202 Resp: 307962
Ion Ratio Lower Upper
202 100
101 10.8 8.1 12.1
100 9.3 6.5 9.7





#82

Pyrene

Concen: 3.863 ng/ul

RT: 19.627 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG063696.D

Acq: 17 Dec 2024 13:37

Instrument :

BNA_G

ClientSampleId :

E28R2

Tgt Ion:202 Resp: 238780

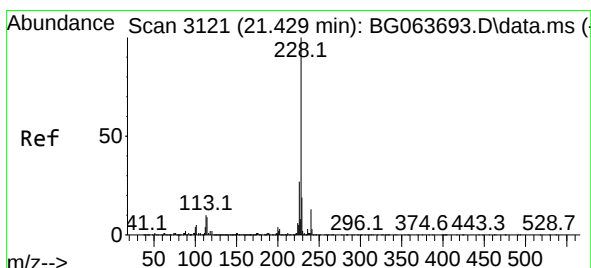
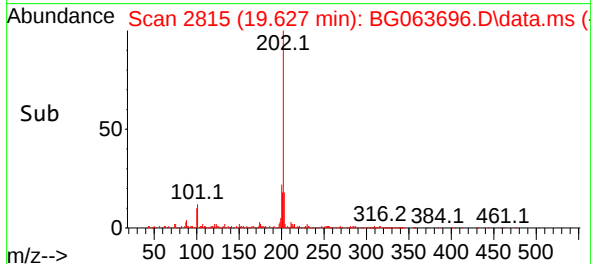
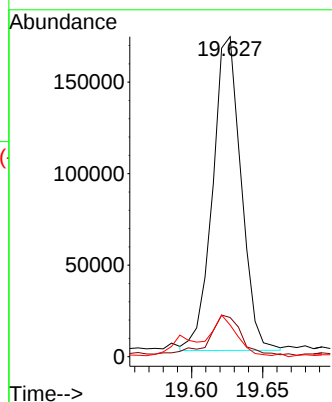
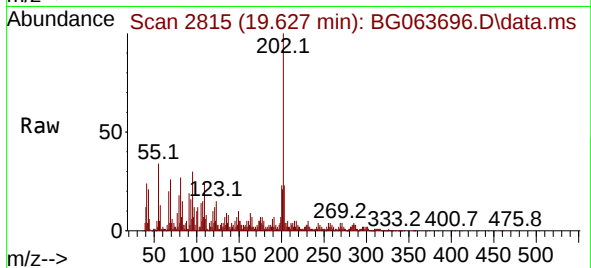
Ion	Ratio	Lower	Upper
202	100		
101	12.2	8.7	13.1
100	9.9	7.8	11.6

Manual Integrations

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#85

Benzo(a)anthracene

Concen: 2.402 ng/ul

RT: 21.431 min Scan# 3122

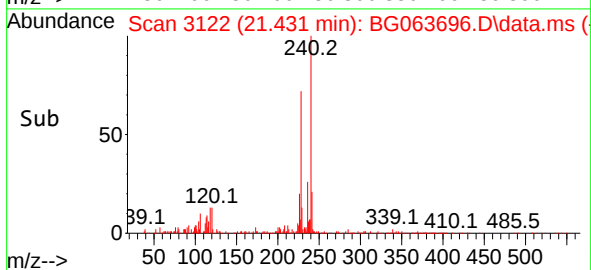
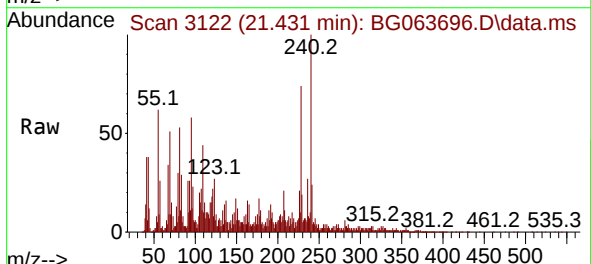
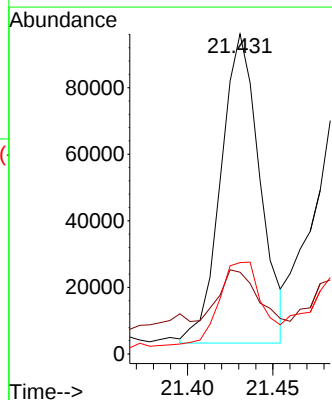
Delta R.T. -0.012 min

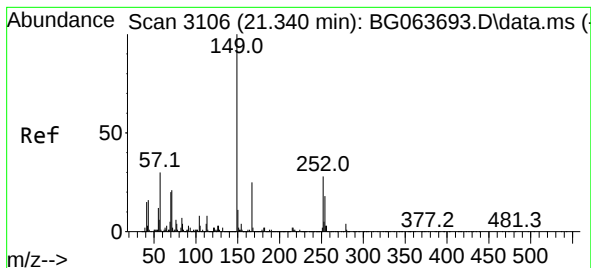
Lab File: BG063696.D

Acq: 17 Dec 2024 13:37

Tgt Ion:228 Resp: 147887

Ion	Ratio	Lower	Upper
228	100		
229	25.6	15.7	23.5#
226	28.5	22.0	33.0





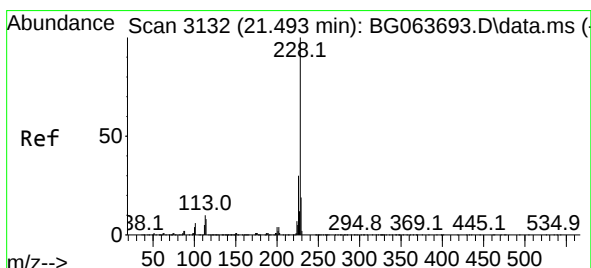
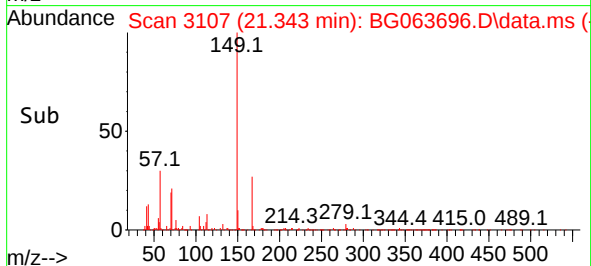
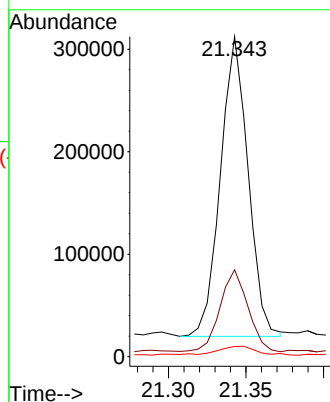
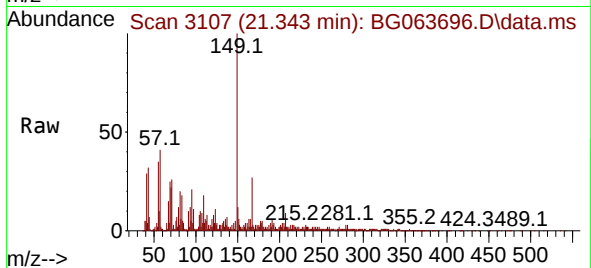
#86
Bis(2-ethylhexyl)phthalate
Concen: 13.120 ng/ul
RT: 21.343 min Scan# 3106
Delta R.T. -0.012 min
Lab File: BG063696.D
Acq: 17 Dec 2024 13:37

Instrument :
BNA_G
ClientSampleId :
E28R2

Tgt Ion:149 Resp: 362160
Ion Ratio Lower Upper
149 100
167 27.1 22.1 33.1
279 3.2 2.9 4.3

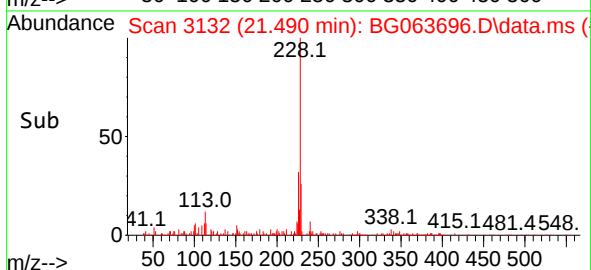
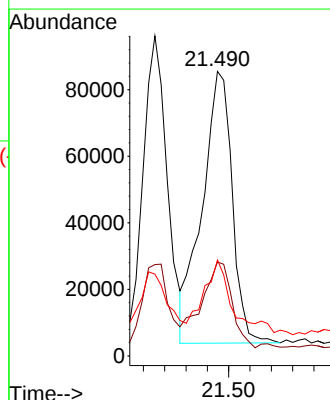
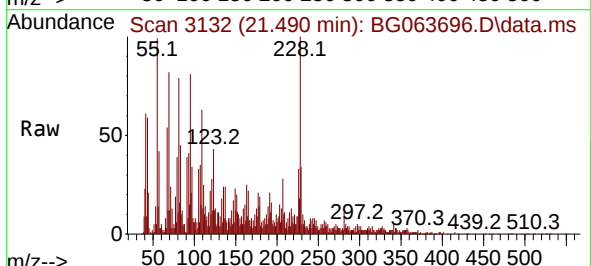
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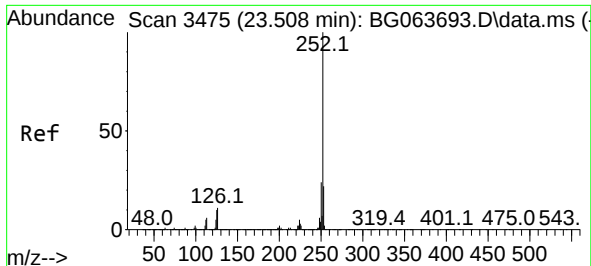
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024



#87
Chrysene
Concen: 2.727 ng/ul
RT: 21.490 min Scan# 3132
Delta R.T. -0.012 min
Lab File: BG063696.D
Acq: 17 Dec 2024 13:37

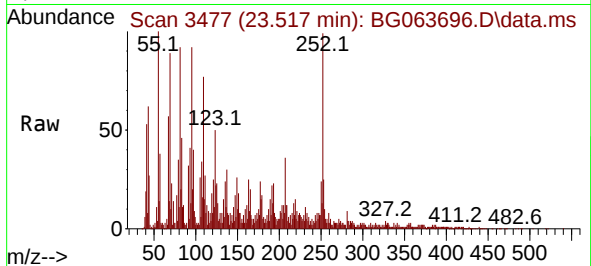
Tgt Ion:228 Resp: 160040
Ion Ratio Lower Upper
228 100
226 33.0 23.4 35.0
229 33.7 14.8 22.2#





#90
Benzo(b)fluoranthene
Concen: 3.576 ng/ul
RT: 23.517 min Scan# 3477
Delta R.T. -0.006 min
Lab File: BG063696.D
Acq: 17 Dec 2024 13:37

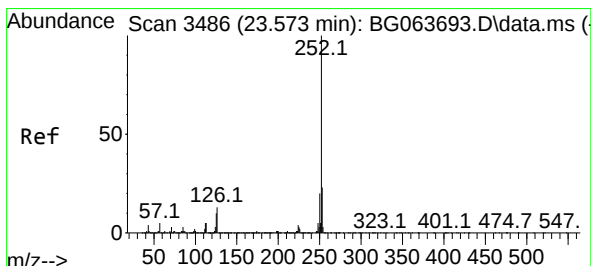
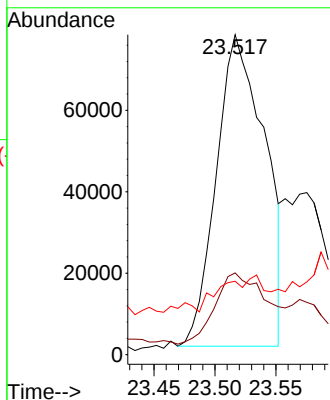
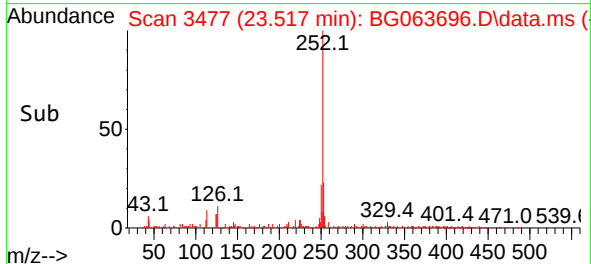
Instrument :
BNA_G
ClientSampleId :
E28R2



Tgt Ion:252 Resp: 21113
Ion Ratio Lower Upper
252 100
253 25.5 17.7 26.5
125 23.0 7.0 10.4

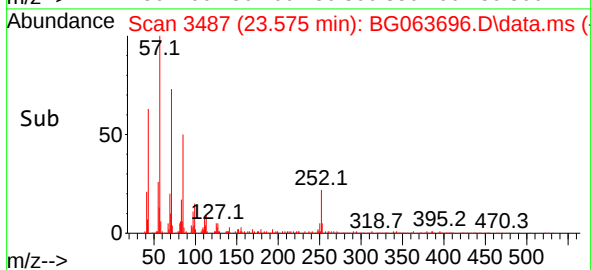
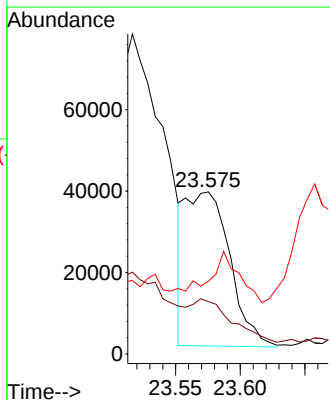
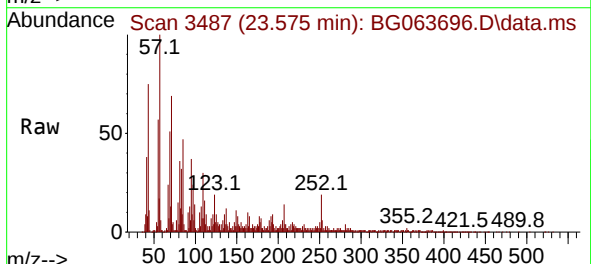
Manual Integrations
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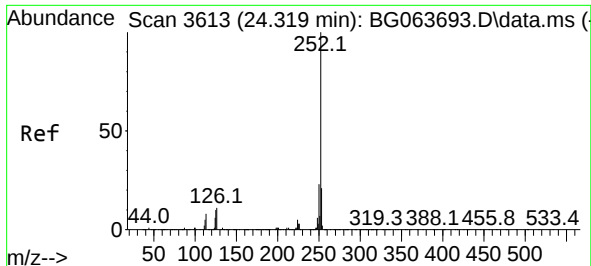
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024



#91
Benzo(k)fluoranthene
Concen: 1.534 ng/ul m
RT: 23.575 min Scan# 3487
Delta R.T. -0.012 min
Lab File: BG063696.D
Acq: 17 Dec 2024 13:37

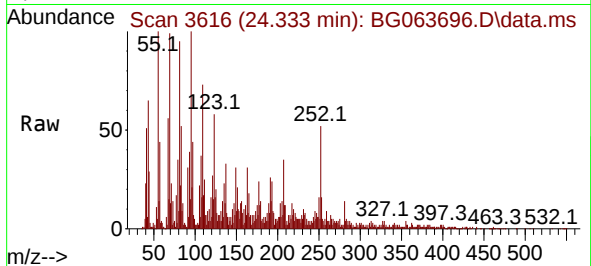
Tgt Ion:252 Resp: 90331
Ion Ratio Lower Upper
252 100
253 32.3 17.7 26.5#
125 45.0 6.5 9.7#





#93
Benzo(a)pyrene
Concen: 1.708 ng/ul
RT: 24.333 min Scan# 30
Delta R.T. -0.006 min
Lab File: BG063696.D
Acq: 17 Dec 2024 13:37

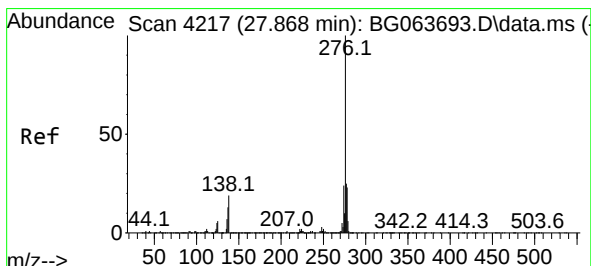
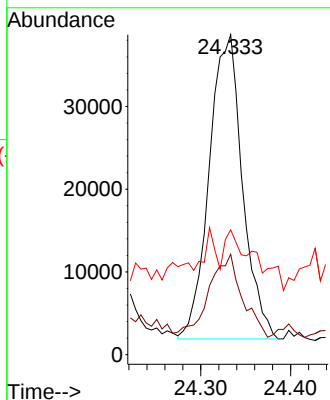
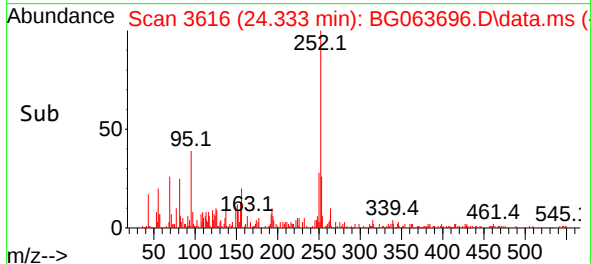
Instrument :
BNA_G
ClientSampleId :
E28R2



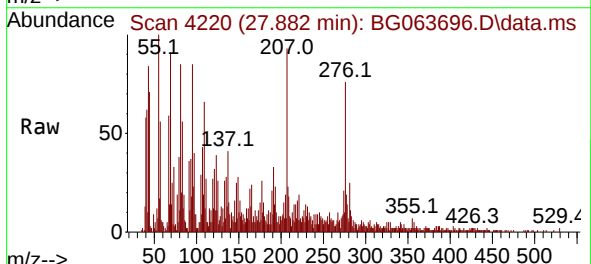
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Ion Ratio Lower Upper
252 100
253 31.4 16.6 24.8
125 39.0 8.0 12.0

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024



#94
Indeno(1,2,3-cd)pyrene
Concen: 1.284 ng/ul m
RT: 27.882 min Scan# 4220
Delta R.T. -0.006 min
Lab File: BG063696.D
Acq: 17 Dec 2024 13:37



Tgt Ion:276 Resp: 86892
Ion Ratio Lower Upper
276 100
138 20.0 13.7 20.5
277 24.7 18.4 27.6

