

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071624\
 Data File : BG062092.D
 Acq On : 16 Jul 2024 13:31
 Operator : MA/JU
 Sample : P3177-16
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4BY2

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/17/2024
 Supervised By :mohammad ahmed 07/18/2024

Quant Time: Jul 17 02:17:37 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 11 12:11:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.052	152	50372	20.000	ng/u1	0.01
20) Naphthalene-d8	10.866	136	253227	20.000	ng/u1	0.02
38) Acenaphthene-d10	14.686	164	168238	20.000	ng/u1	0.01
64) Phenanthrene-d10	17.429	188	365456	20.000	ng/u1	# 0.01
79) Chrysene-d12	21.695	240	319532	20.000	ng/u1	0.02
88) Perylene-d12	24.938	264	396171	20.000	ng/u1	0.06
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.440	96	2441	1.821	ng/uL	0.00
4) Pyridine-d5	3.875	84	1628	0.395	ng/u1	0.02
7) Phenol-d5	7.224	99	67147	12.181	ng/u1	0.03
9) Bis-(2-Chloroethyl)eth...	7.371	67	40269	11.535	ng/u1	0.01
11) 2-Chlorophenol-d4	7.588	132	49836	13.180	ng/u1	0.02
15) 4-Methylphenol-d8	8.769	113	54678	12.598	ng/u1	0.02
21) Nitrobenzene-d5	9.215	128	27968	14.522	ng/u1	0.00
24) 2-Nitrophenol-d4	9.938	143	32286	14.680	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.490	165	62692	14.779	ng/u1	0.02
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/u1	
46) Dimethylphthalate-d6	14.080	166	212010	15.328	ng/u1	0.00
49) Acenaphthylene-d8	14.380	160	229334	15.857	ng/u1	0.01
54) 4-Nitrophenol-d4	14.903	143	15819	7.162	ng/u1	0.03
60) Fluorene-d10	15.673	176	183434	15.754	ng/u1	0.01
65) 4,6-Dinitro-2-methylph...	15.790	200	27045	14.091	ng/u1	0.01
73) Anthracene-d10	17.529	188	267102	15.654	ng/u1	0.01
81) Pyrene-d10	19.809	212	194809	10.365	ng/u1	0.01
92) Benzo(a)pyrene-d12	24.709	264	150763	7.673	ng/u1	0.05
Target Compounds					Qvalue	
72) Phenanthrene	17.470	178	288206	14.956	ng/u1	97
74) Anthracene	17.564	178	43053	2.162	ng/u1	95
77) Carbazole	17.835	167	29770	1.776	ng/u1#	96
80) Fluoranthene	19.480	202	782224	35.168	ng/u1#	93
82) Pyrene	19.844	202	386838	16.837	ng/u1#	90
83) Butylbenzylphthalate	20.714	149	12909	1.339	ng/u1#	77
85) Benzo(a)anthracene	21.677	228	338051	14.612	ng/u1	97
86) Bis(2-ethylhexyl)phtha...	21.566	149	152570	11.027	ng/u1#	96
87) Chrysene	21.742	228	461954m	21.329	ng/u1	
90) Benzo(b)fluoranthene	23.904	252	732331	29.340	ng/u1	97
91) Benzo(k)fluoranthene	23.969	252	242331m	9.736	ng/u1	
93) Benzo(a)pyrene	24.780	252	156465	6.620	ng/u1#	97
94) Indeno(1,2,3-cd)pyrene	28.646	276	195938m	6.487	ng/u1	
95) Dibenzo(a,h)anthracene	28.698	278	86144m	3.453	ng/u1	

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

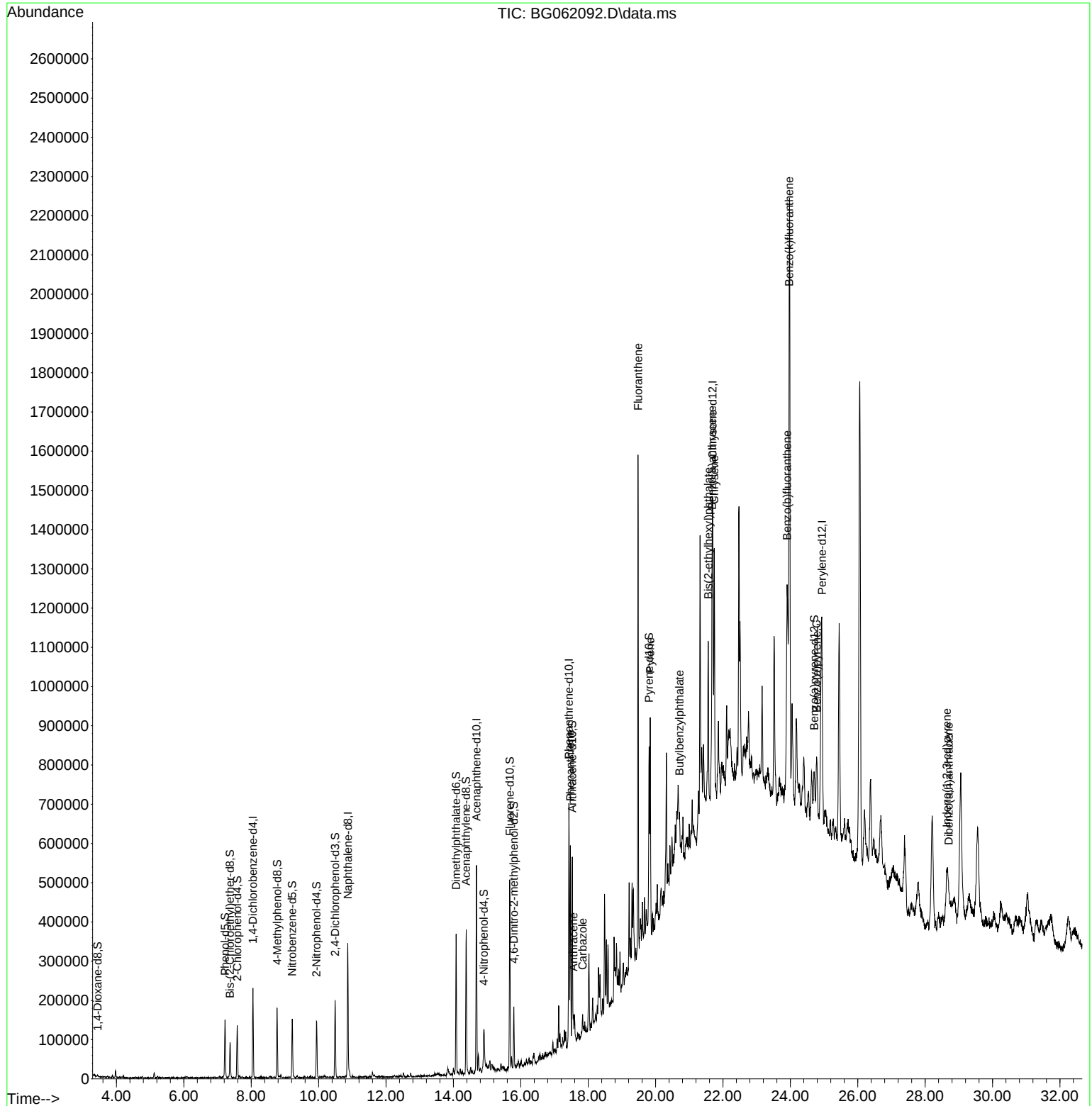
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071624\
Data File : BG062092.D
Acq On : 16 Jul 2024 13:31
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Sample : P3177-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

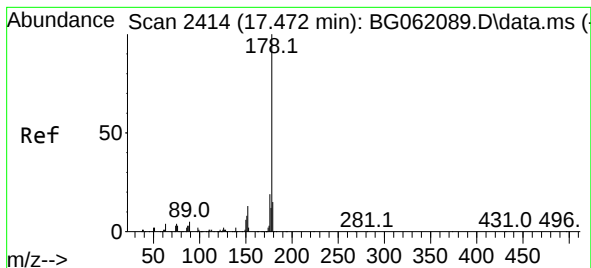
Instrument :
BNA_G
ClientSampleId :
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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





#72

Phenanthrene

Concen: 14.956 ng/ul

RT: 17.470 min Scan# 2414

Delta R.T. 0.011 min

Lab File: BG062092.D

Acq: 16 Jul 2024 13:31

Instrument :

BNA_G

ClientSampleId :

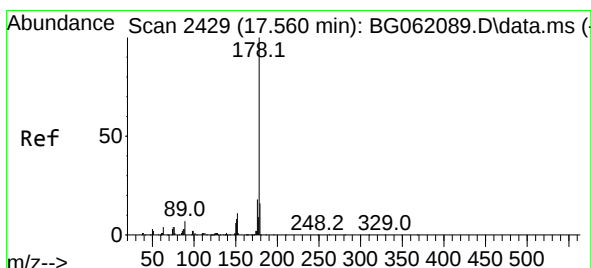
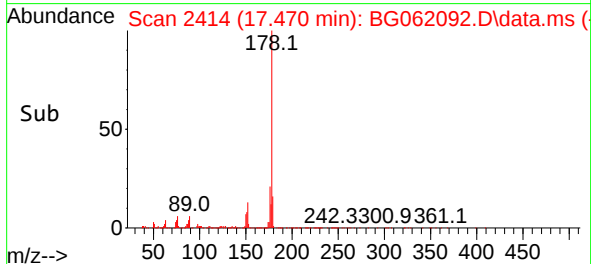
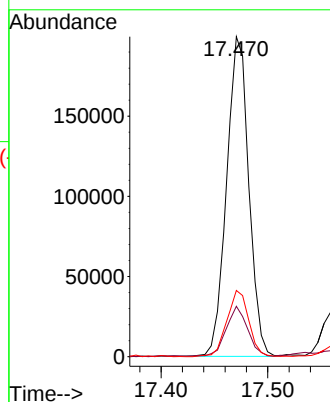
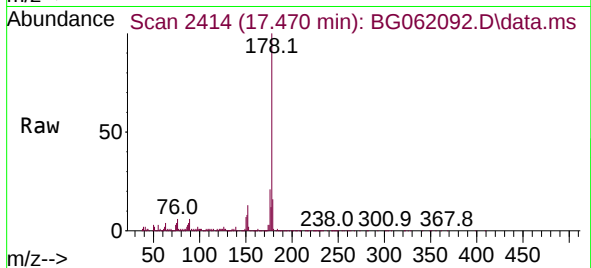
A4BY2

Tgt Ion:	178	Resp:	288200
Ion Ratio	Lower	Upper	
178	100		
179	15.8	11.9	17.9
176	20.7	15.5	23.3

Manual Integrations

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#74

Anthracene

Concen: 2.162 ng/ul

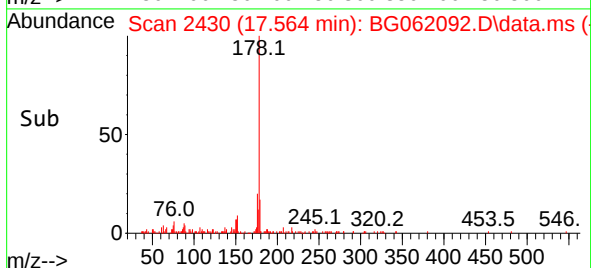
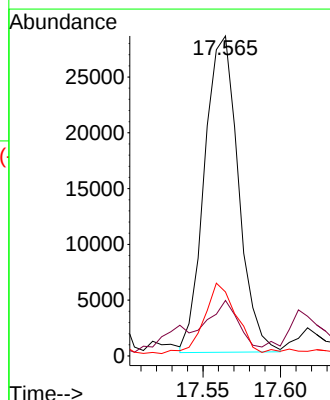
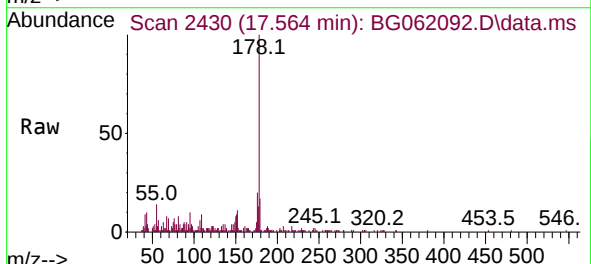
RT: 17.564 min Scan# 2430

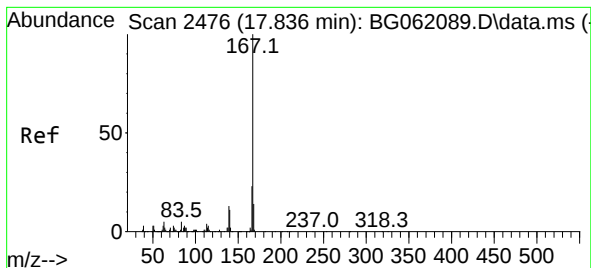
Delta R.T. 0.011 min

Lab File: BG062092.D

Acq: 16 Jul 2024 13:31

Tgt Ion:	178	Resp:	43053
Ion Ratio	Lower	Upper	
178	100		
179	17.3	11.9	17.9
176	20.0	14.7	22.1





#77

Carbazole

Concen: 1.776 ng/ul

RT: 17.835 min Scan# 2476

Delta R.T. 0.017 min

Lab File: BG062092.D

Acq: 16 Jul 2024 13:31

Instrument :

BNA_G

ClientSampleId :

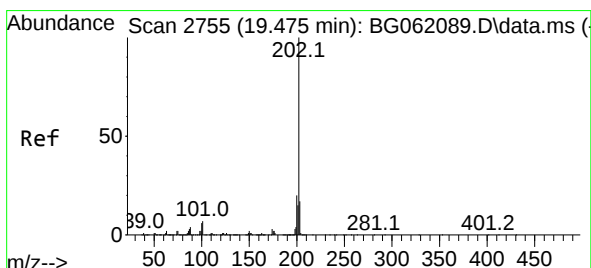
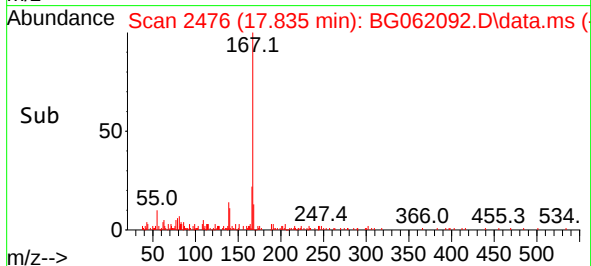
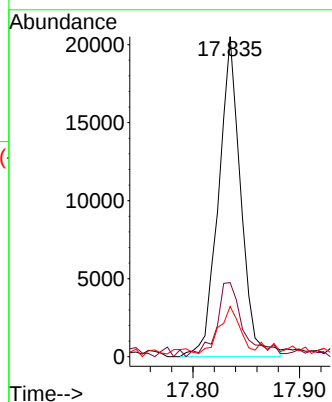
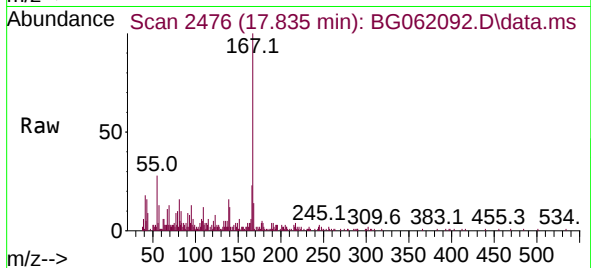
A4BY2

Tgt Ion:	167	Resp:	29770
Ion Ratio	Lower	Upper	
167	100		
166	23.2	18.2	27.2
139	15.7	9.6	14.4

Manual Integrations

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#80

Fluoranthene

Concen: 35.168 ng/ul

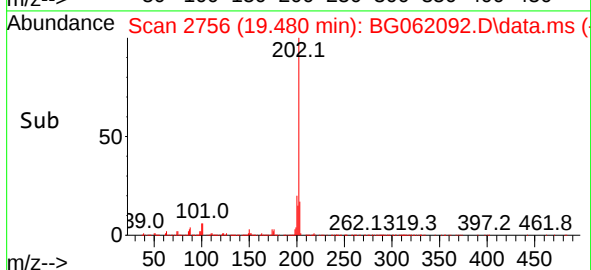
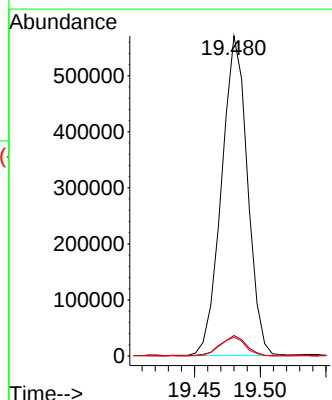
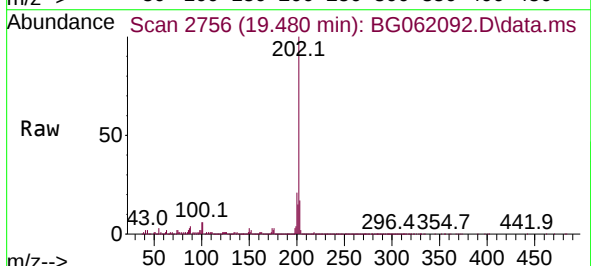
RT: 19.480 min Scan# 2756

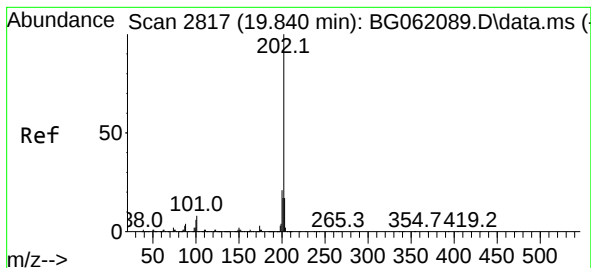
Delta R.T. 0.017 min

Lab File: BG062092.D

Acq: 16 Jul 2024 13:31

Tgt Ion:	202	Resp:	782224
Ion Ratio	Lower	Upper	
202	100		
101	6.4	7.4	11.2#
100	5.9	6.6	10.0#





#82

Pyrene

Concen: 16.837 ng/ul

RT: 19.844 min Scan# 2817

Delta R.T. 0.017 min

Lab File: BG062092.D

Acq: 16 Jul 2024 13:31

Instrument :

BNA_G

ClientSampleId :

A4BY2

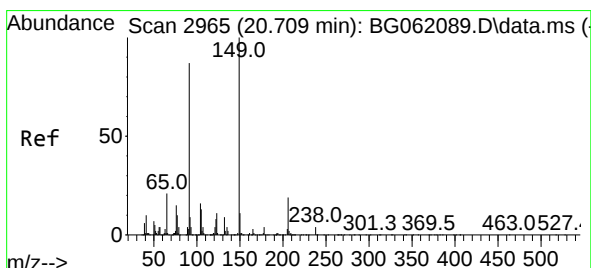
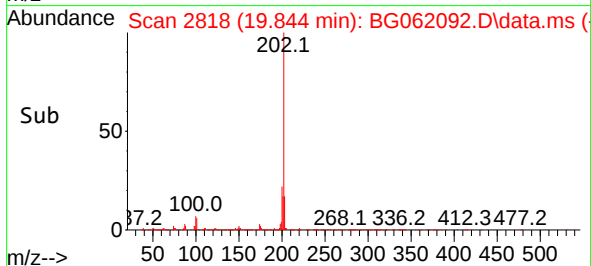
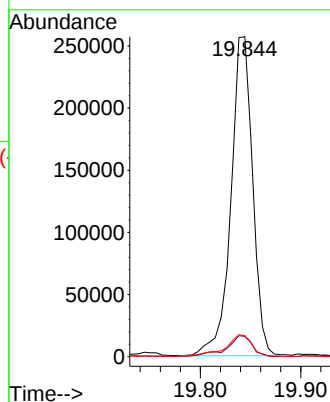
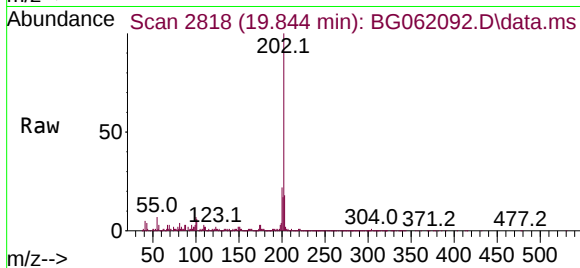
Tgt Ion:202 Resp: 386838

Ion	Ratio	Lower	Upper
202	100		
101	6.3	8.8	13.2
100	6.6	7.6	11.4

Manual Integrations

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#83

Butylbenzylphthalate

Concen: 1.339 ng/ul

RT: 20.714 min Scan# 2966

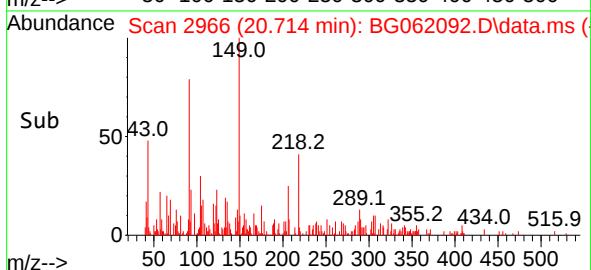
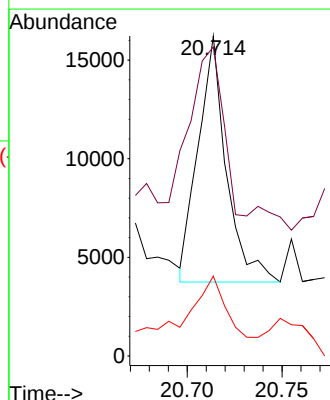
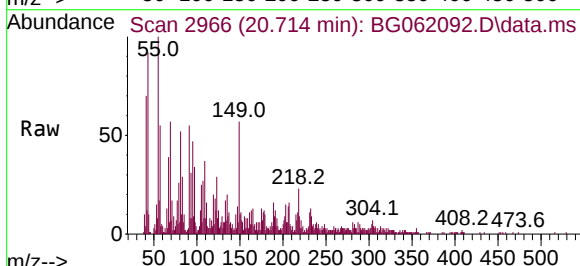
Delta R.T. 0.012 min

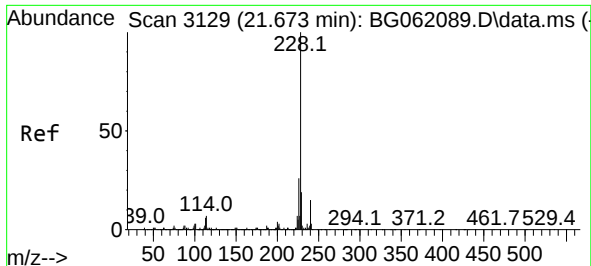
Lab File: BG062092.D

Acq: 16 Jul 2024 13:31

Tgt Ion:149 Resp: 12909

Ion	Ratio	Lower	Upper
149	100		
91	96.6	60.6	91.0
206	25.0	14.6	21.8





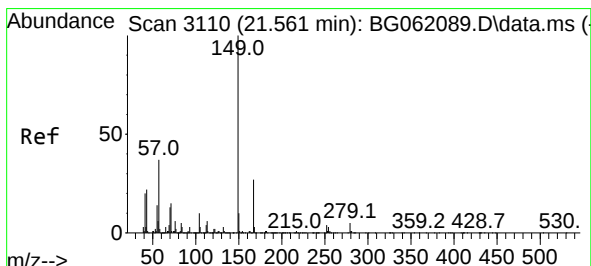
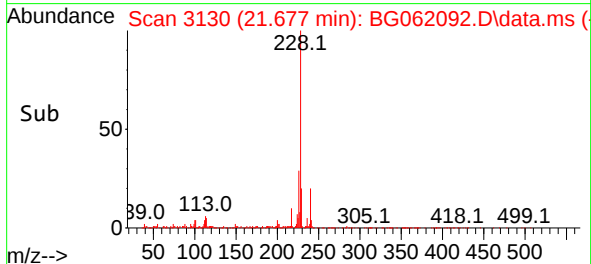
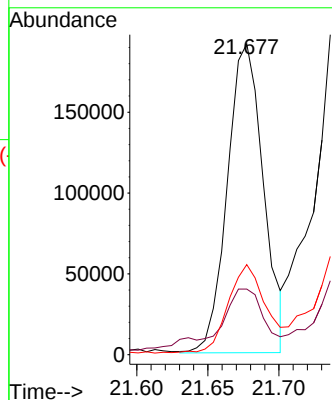
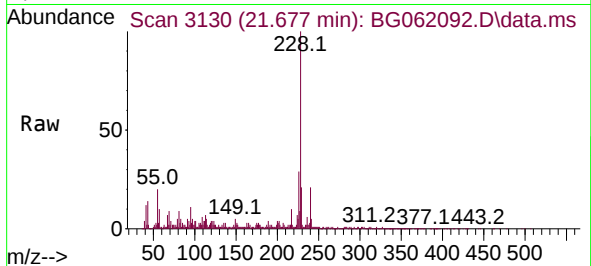
#85
Benzo(a)anthracene
Concen: 14.612 ng/ul
RT: 21.677 min Scan# 3129
Delta R.T. 0.023 min
Lab File: BG062092.D
Acq: 16 Jul 2024 13:31

Instrument :
BNA_G
ClientSampleId :
A4BY2

Tgt Ion:228 Resp: 33805
Ion Ratio Lower Upper
228 100
229 21.1 15.7 23.5
226 29.0 21.7 32.5

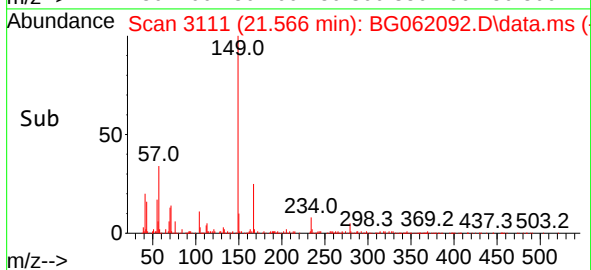
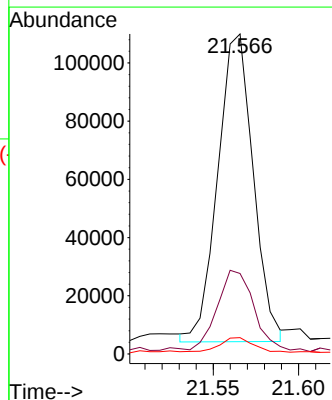
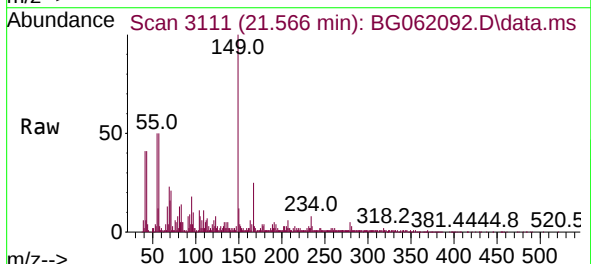
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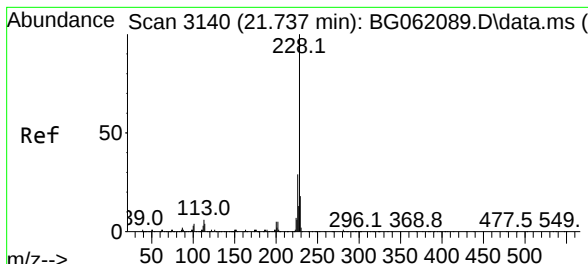
Reviewed By :Jagrut Upadhyay 07/17/2024
Supervised By :mohammad ahmed 07/18/2024



#86
Bis(2-ethylhexyl)phthalate
Concen: 11.027 ng/ul
RT: 21.566 min Scan# 3111
Delta R.T. 0.011 min
Lab File: BG062092.D
Acq: 16 Jul 2024 13:31

Tgt Ion:149 Resp: 152570
Ion Ratio Lower Upper
149 100
167 25.2 21.7 32.5
279 5.1 2.8 4.2#





#87

Chrysene

Concen: 21.329 ng/ul m

RT: 21.742 min Scan# 3141

Delta R.T. 0.017 min

Lab File: BG062092.D

Acq: 16 Jul 2024 13:31

Instrument :

BNA_G

ClientSampleId :

A4BY2

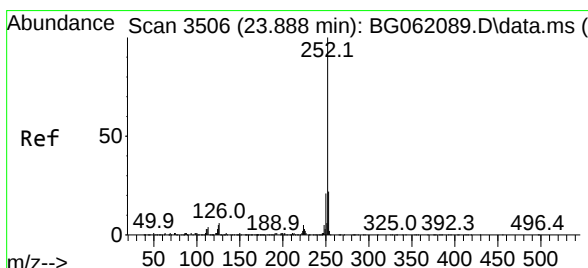
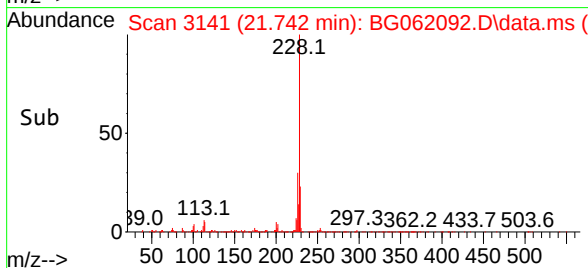
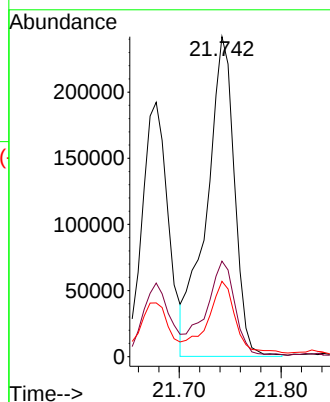
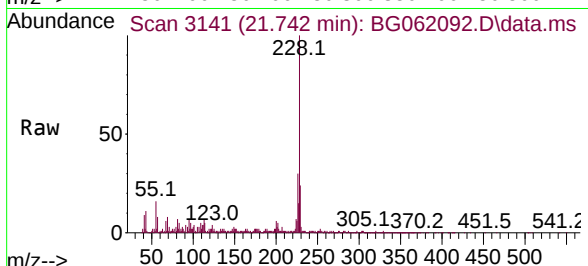
Tgt Ion:228 Resp: 461954

Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.3	34.9
229	23.6	15.5	23.3

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#90

Benzo(b)fluoranthene

Concen: 29.340 ng/ul

RT: 23.904 min Scan# 3509

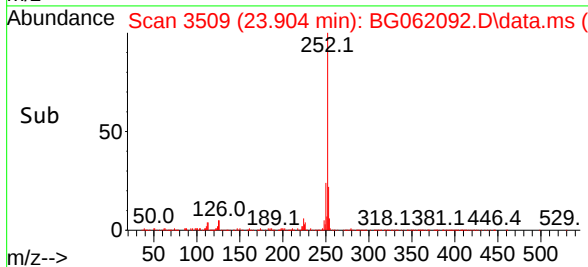
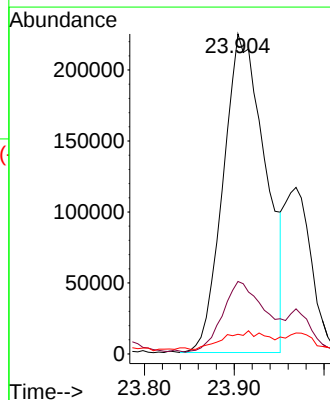
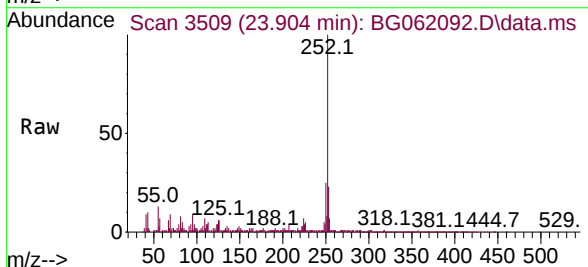
Delta R.T. 0.047 min

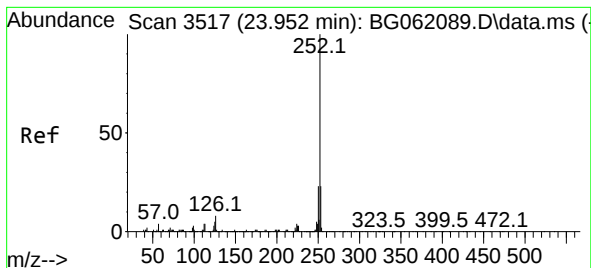
Lab File: BG062092.D

Acq: 16 Jul 2024 13:31

Tgt Ion:252 Resp: 732331

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.2	25.8
125	6.1	6.1	9.1





#91

Benzo(k)fluoranthene

Concen: 9.736 ng/ul m

RT: 23.969 min Scan# 3

Delta R.T. 0.047 min

Lab File: BG062092.D

Acq: 16 Jul 2024 13:31

Instrument :

BNA_G

ClientSampleId :

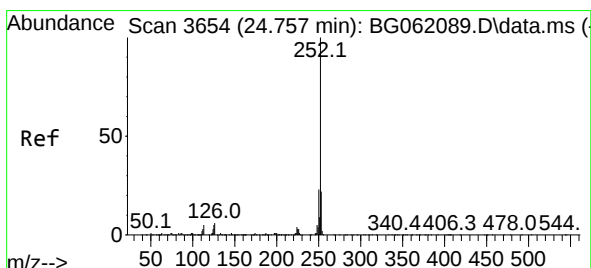
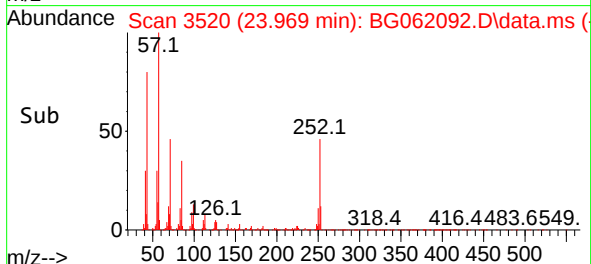
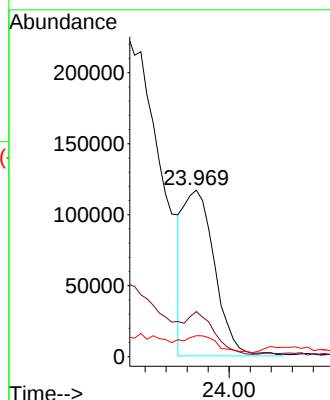
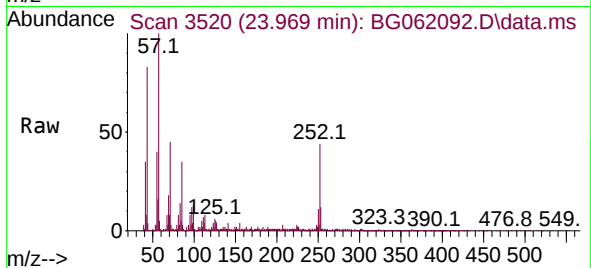
A4BY2

Tgt Ion:252 Resp: 24233
 Ion Ratio Lower Upper
 252 100
 253 27.1 19.3 28.9
 125 12.6 6.3 9.5

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#93

Benzo(a)pyrene

Concen: 6.620 ng/ul

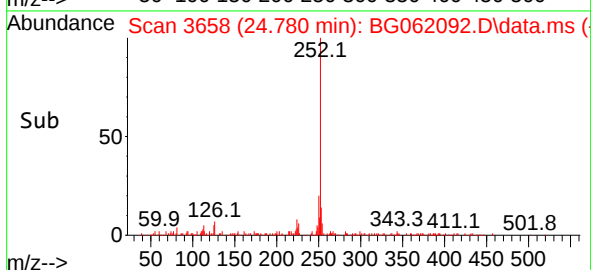
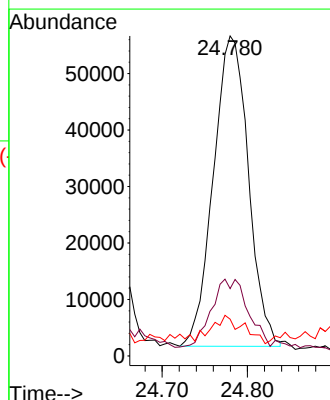
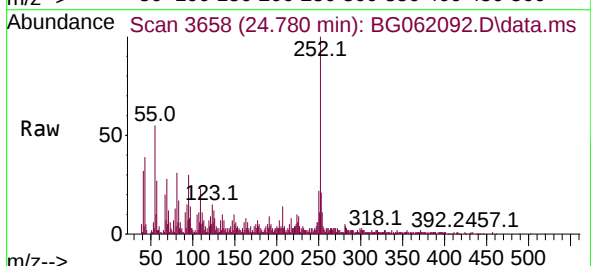
RT: 24.780 min Scan# 3658

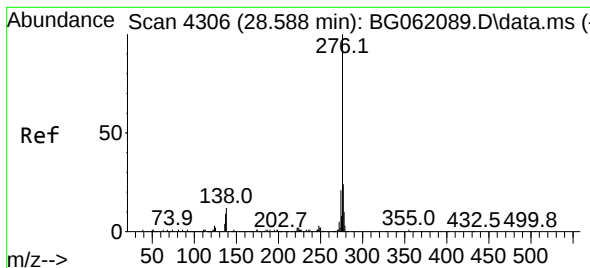
Delta R.T. 0.053 min

Lab File: BG062092.D

Acq: 16 Jul 2024 13:31

Tgt Ion:252 Resp: 156465
 Ion Ratio Lower Upper
 252 100
 253 21.0 16.5 24.7
 125 11.5 7.4 11.2#





#94

Indeno(1,2,3-cd)pyrene

Concen: 6.487 ng/ul m

RT: 28.646 min Scan# 4316

Delta R.T. 0.111 min

Lab File: BG062092.D

Acq: 16 Jul 2024 13:31

Instrument :

BNA_G

ClientSampleId :

A4BY2

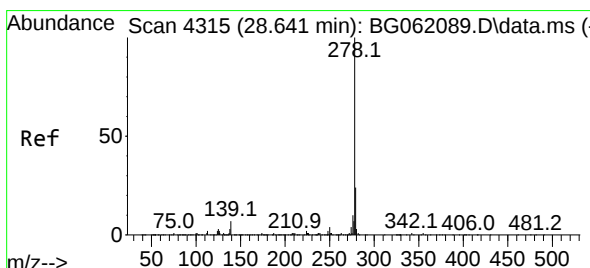
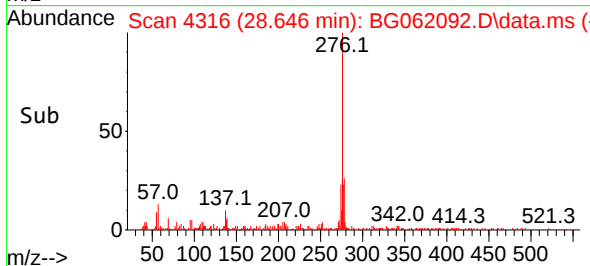
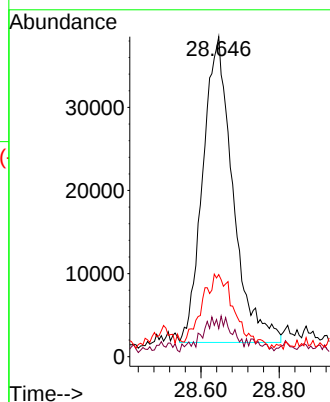
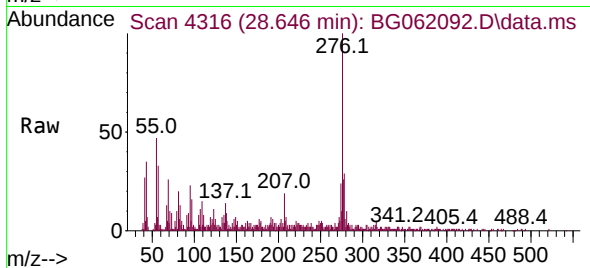
Tgt Ion:276 Resp: 195938

Ion	Ratio	Lower	Upper
276	100		
138	8.8	11.9	17.9
277	25.6	19.3	28.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/17/2024
Supervised By :mohammad ahmed 07/18/2024



#95

Dibenzo(a,h)anthracene

Concen: 3.453 ng/ul m

RT: 28.698 min Scan# 4325

Delta R.T. 0.105 min

Lab File: BG062092.D

Acq: 16 Jul 2024 13:31

Tgt Ion:278 Resp: 86144

Ion	Ratio	Lower	Upper
278	100		
139	8.9	7.6	11.4
279	25.9	18.8	28.2

