

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110624\
 Data File : BG063208.D
 Acq On : 7 Nov 2024 18:49
 Operator : RC/JU
 Sample : P4586-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4EE9

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/08/2024
 Supervised By :mohammad ahmed 11/11/2024

Quant Time: Nov 07 23:29:11 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 06 15:45:52 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.837	152	88475	20.000	ng/u1	0.00
20) Naphthalene-d8	10.627	136	407753	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.476	164	391756	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.226	188	980760	20.000	ng/u1	0.00
79) Chrysene-d12	21.479	240	1017778	20.000	ng/u1	# 0.00
88) Perylene-d12	24.517	264	1107189	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.307	96	1509	0.771	ng/uL	0.00
4) Pyridine-d5	3.724	84	8997	1.391	ng/u1	0.01
7) Phenol-d5	7.014	99	65301	8.179	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.173	67	38105	8.137	ng/u1	0.00
11) 2-Chlorophenol-d4	7.372	132	43592	8.412	ng/u1	0.00
15) 4-Methylphenol-d8	8.547	113	45289	6.693	ng/u1	0.00
21) Nitrobenzene-d5	8.994	128	23725	8.276	ng/u1	0.00
24) 2-Nitrophenol-d4	9.717	143	31963	8.627	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.257	165	66446	9.139	ng/u1	0.00
31) 4-Chloroaniline-d4	10.768	131	47342	4.999	ng/u1	0.00
46) Dimethylphthalate-d6	13.882	166	249398	8.127	ng/u1	0.00
49) Acenaphthylene-d8	14.164	160	269374	8.969	ng/u1	0.00
54) 4-Nitrophenol-d4	14.687	143	26677	6.349	ng/u1	0.00
60) Fluorene-d10	15.469	176	234329	9.048	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.592	200	33779	5.480	ng/u1	0.00
73) Anthracene-d10	17.325	188	378231	8.973	ng/u1	0.00
81) Pyrene-d10	19.623	212	405854	7.953	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.305	264	324767	6.075	ng/u1	0.00
Target Compounds					Qvalue	
16) Acetophenone	8.653	105	54310	4.985	ng/u1	93
72) Phenanthrene	17.267	178	254579	5.681	ng/u1	99
80) Fluoranthene	19.288	202	375029	6.799	ng/u1#	98
82) Pyrene	19.652	202	219476	3.754	ng/u1	99
85) Benzo(a)anthracene	21.462	228	164685	2.558	ng/u1	98
87) Chrysene	21.521	228	173527	2.891	ng/u1	98
90) Benzo(b)fluoranthene	23.559	252	218905	3.286	ng/u1	99
91) Benzo(k)fluoranthene	23.618	252	72833m	1.098	ng/u1	

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

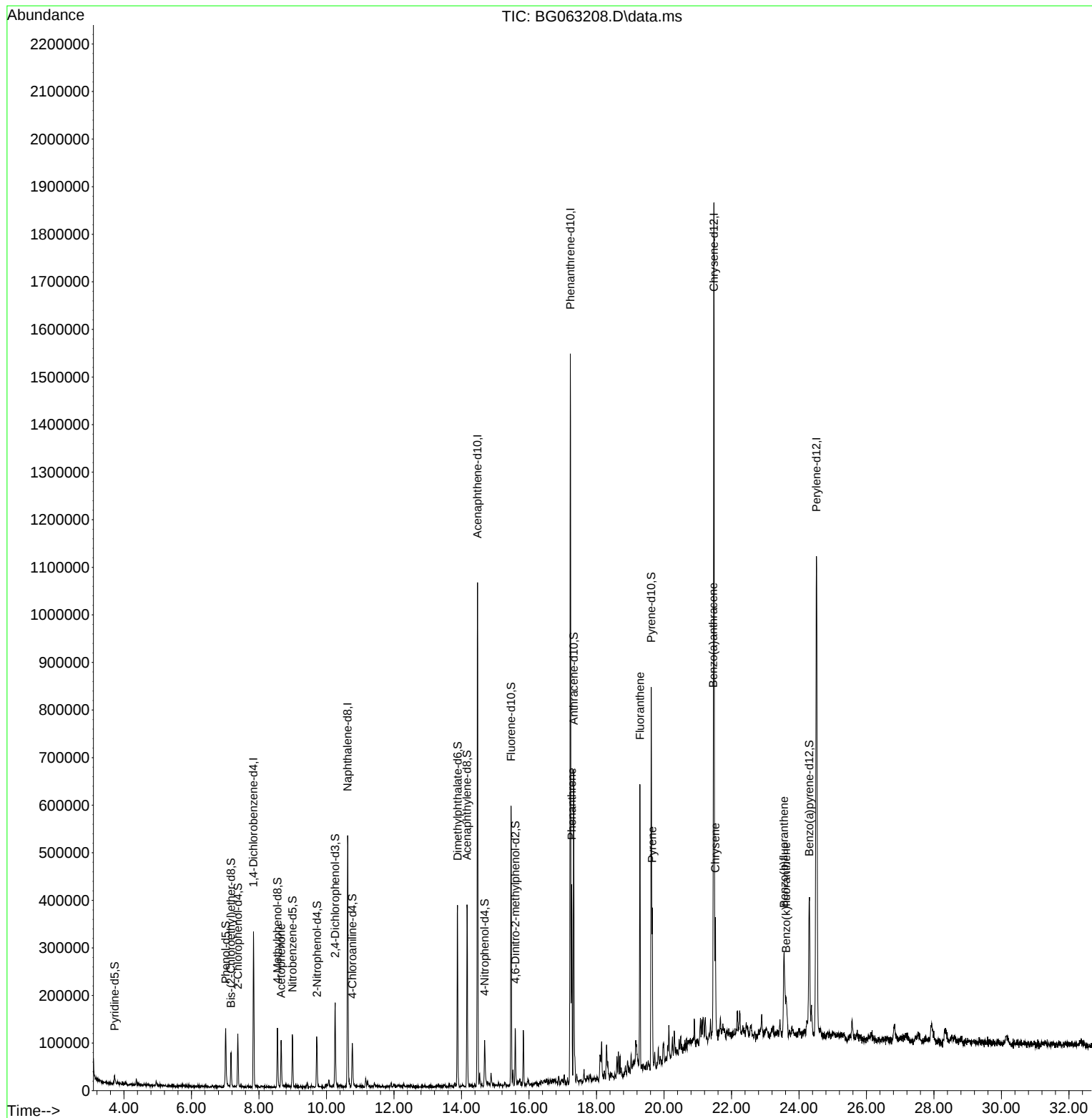
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110624\
Data File : BG063208.D
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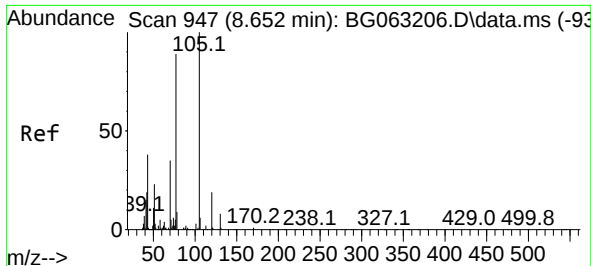
Instrument :
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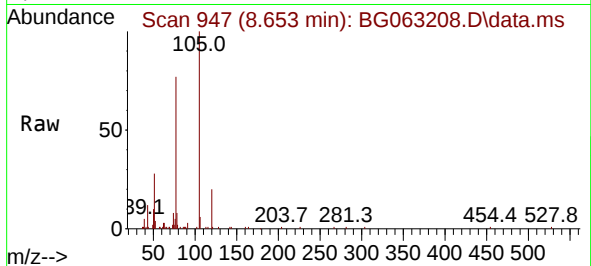
Quant Time: Nov 07 23:29:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 06 15:45:52 2024
Response via : Initial Calibration





#16
Acetophenone
Concen: 4.985 ng/ul
RT: 8.653 min Scan# 947
Delta R.T. -0.004 min
Lab File: BG063208.D
Acq: 7 Nov 2024 18:49

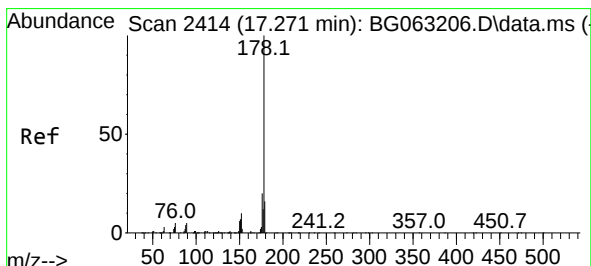
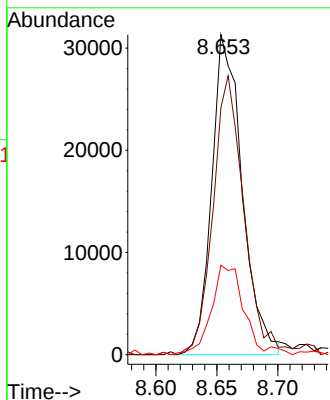
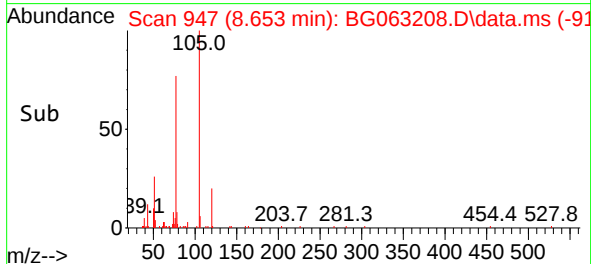
Instrument :
BNA_G
ClientSampleId :
A4EE9



Tgt Ion:105 Resp: 54310
Ion Ratio Lower Upper
105 100
77 77.2 68.0 102.0
51 27.9 24.3 36.5

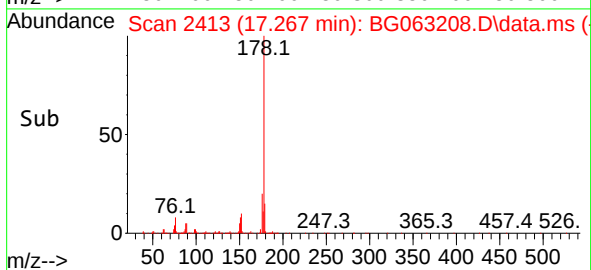
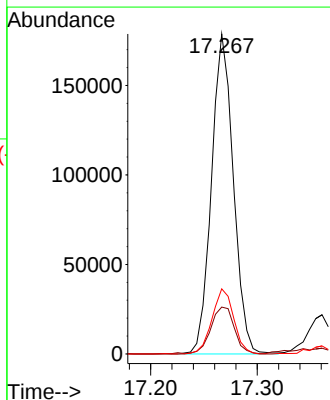
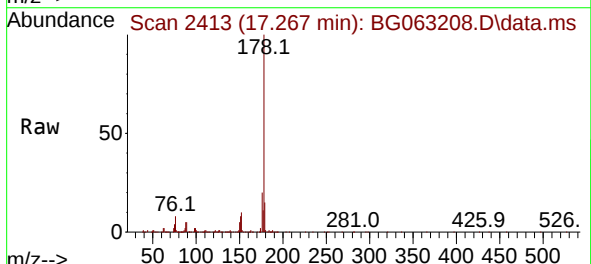
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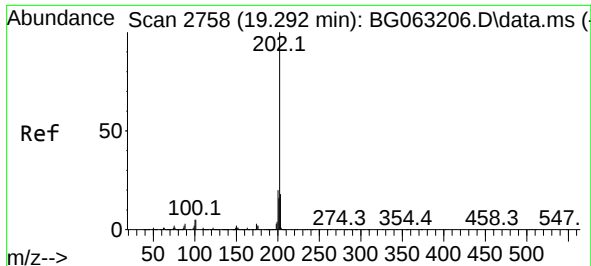
Reviewed By :Yogesh Patel 11/08/2024
Supervised By :mohammad ahmed 11/11/2024



#72
Phenanthrene
Concen: 5.681 ng/ul
RT: 17.267 min Scan# 2413
Delta R.T. 0.001 min
Lab File: BG063208.D
Acq: 7 Nov 2024 18:49

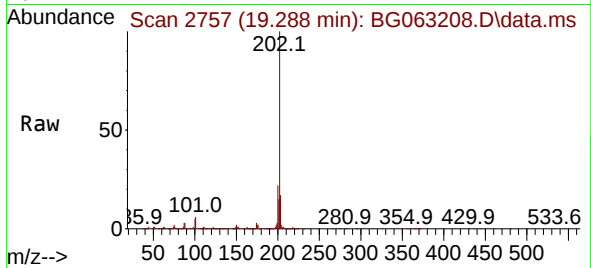
Tgt Ion:178 Resp: 254579
Ion Ratio Lower Upper
178 100
179 14.7 12.2 18.4
176 20.4 16.0 24.0





#80
Fluoranthene
Concen: 6.799 ng/u1
RT: 19.288 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG063208.D
Acq: 7 Nov 2024 18:49

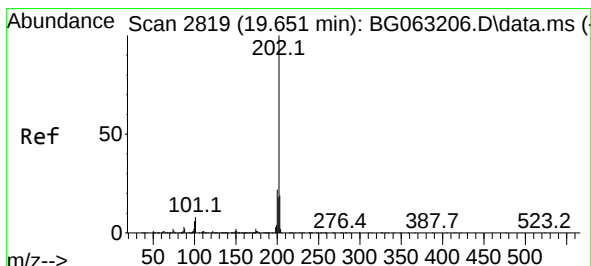
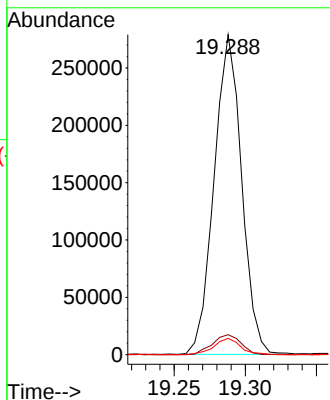
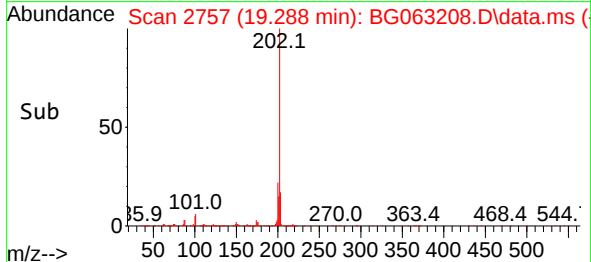
Instrument :
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ClientSampleId :
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Tgt Ion:202 Resp: 375029
Ion Ratio Lower Upper
202 100
101 6.3 4.7 7.1
100 5.1 3.4 5.0

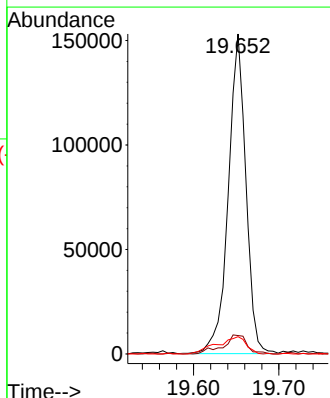
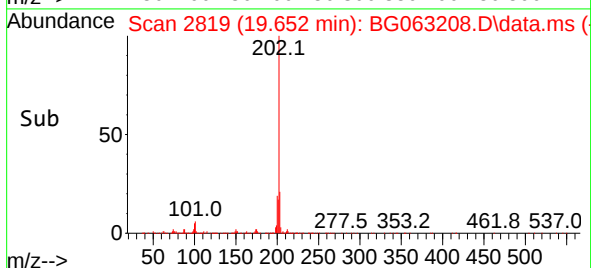
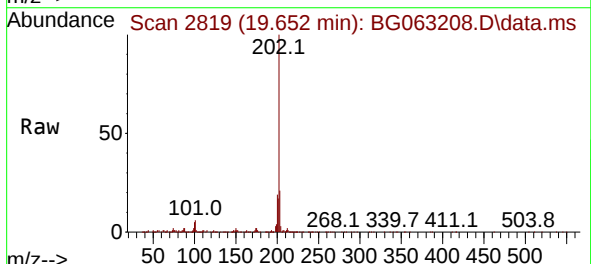
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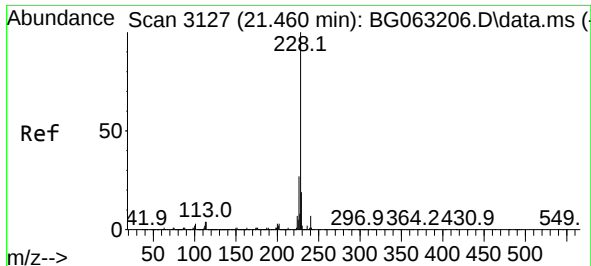
Reviewed By :Yogesh Patel 11/08/2024
Supervised By :mohammad ahmed 11/11/2024



#82
Pyrene
Concen: 3.754 ng/u1
RT: 19.652 min Scan# 2819
Delta R.T. 0.001 min
Lab File: BG063208.D
Acq: 7 Nov 2024 18:49

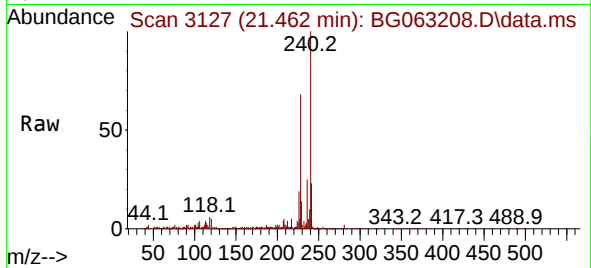
Tgt Ion:202 Resp: 219476
Ion Ratio Lower Upper
202 100
101 5.8 4.9 7.3
100 5.4 4.4 6.6





#85
Benzo(a)anthracene
Concen: 2.558 ng/u1
RT: 21.462 min Scan# 3127
Delta R.T. 0.001 min
Lab File: BG063208.D
Acq: 7 Nov 2024 18:49

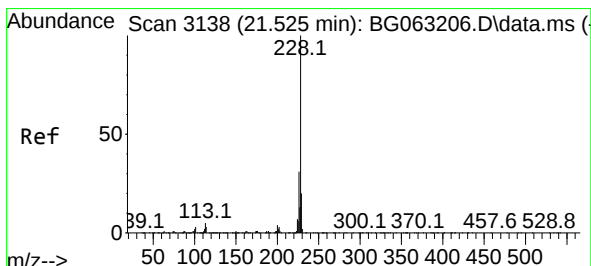
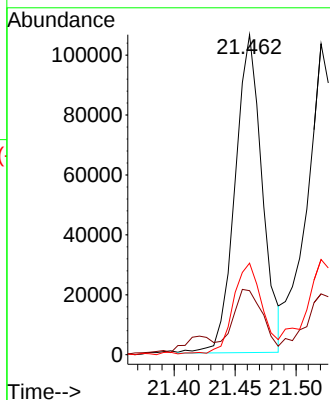
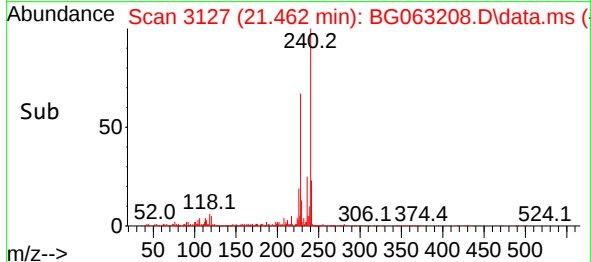
Instrument :
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Tgt Ion:228 Resp: 164685
Ion Ratio Lower Upper
228 100
229 20.0 15.9 23.9
226 28.6 21.4 32.2

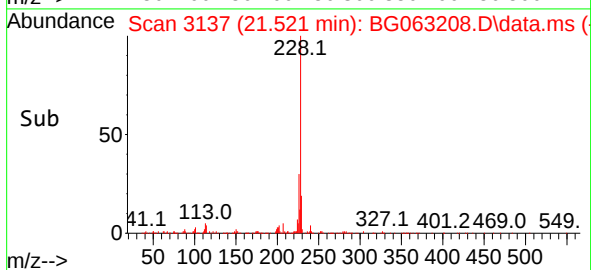
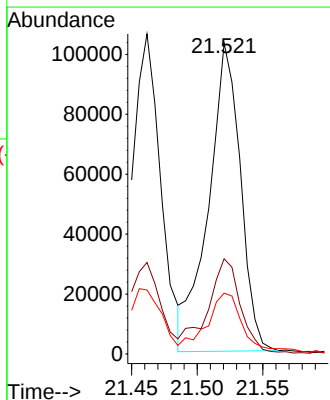
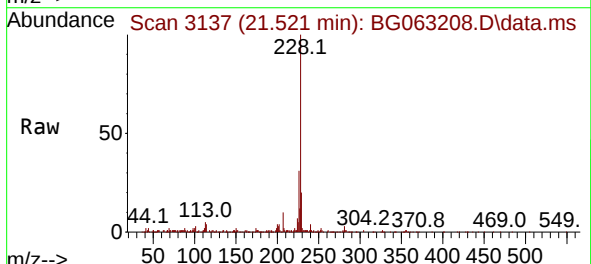
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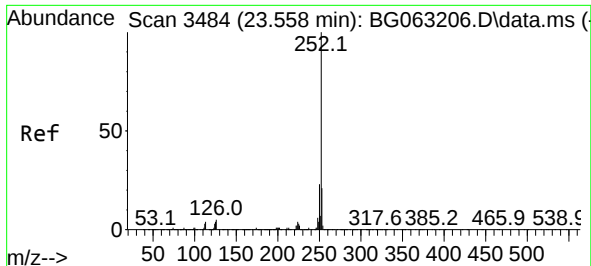
Reviewed By :Yogesh Patel 11/08/2024
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#87
Chrysene
Concen: 2.891 ng/u1
RT: 21.521 min Scan# 3137
Delta R.T. -0.004 min
Lab File: BG063208.D
Acq: 7 Nov 2024 18:49

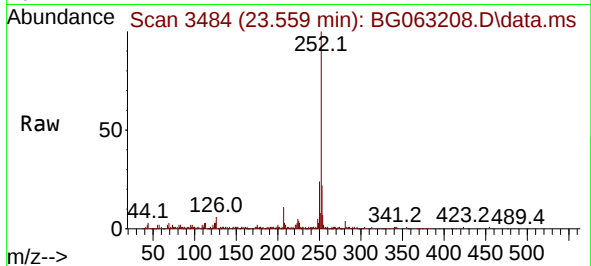
Tgt Ion:228 Resp: 173527
Ion Ratio Lower Upper
228 100
226 30.7 24.1 36.1
229 19.6 16.6 24.8





#90
Benzo(b)fluoranthene
Concen: 3.286 ng/ul
RT: 23.559 min Scan# 3484
Delta R.T. 0.001 min
Lab File: BG063208.D
Acq: 7 Nov 2024 18:49

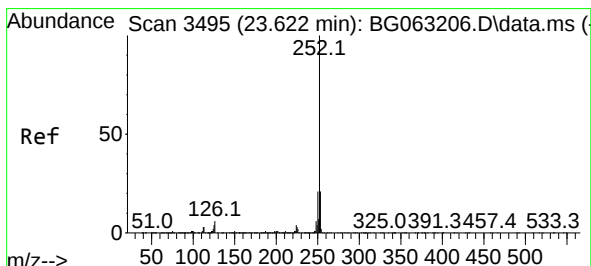
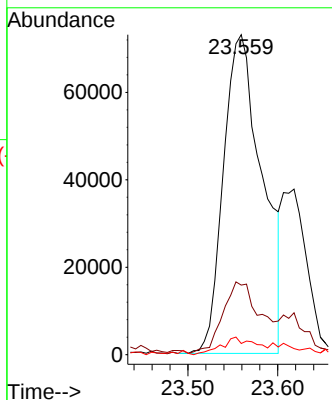
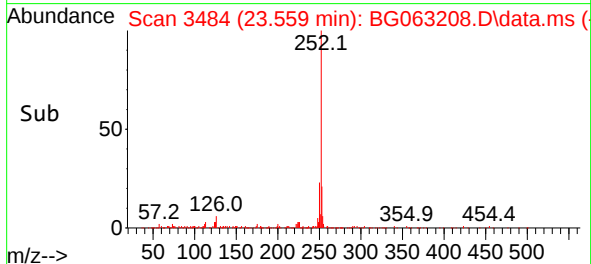
Instrument :
BNA_G
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A4EE9



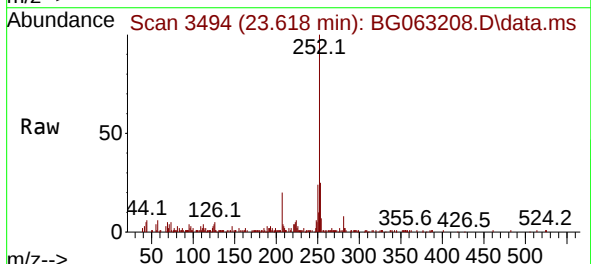
Tgt Ion:252 Resp: 21890
Ion Ratio Lower Upper
252 100
253 21.7 17.1 25.7
125 3.5 3.4 5.0

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#91
Benzo(k)fluoranthene
Concen: 1.098 ng/ul m
RT: 23.618 min Scan# 3494
Delta R.T. 0.001 min
Lab File: BG063208.D
Acq: 7 Nov 2024 18:49



Tgt Ion:252 Resp: 72833
Ion Ratio Lower Upper
252 100
253 25.3 17.4 26.0
125 3.7 3.3 4.9

