

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110624\
 Data File : BG063202.D
 Acq On : 7 Nov 2024 14:59
 Operator : RC/JU
 Sample : P4586-02
 Misc :
 ALS Vial : 41 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 15:30:31 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	7.840	152	81997	20.000	ng/u1	0.00
20) Naphthalene-d8	10.631	136	385311	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.480	164	360408	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.229	188	909978	20.000	ng/u1	0.00
79) Chrysene-d12	21.483	240	951930	20.000	ng/u1	0.00
88) Perylene-d12	24.515	264	1040536	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	1665	0.918	ng/uL	0.00
4) Pyridine-d5	3.722	84	8186	1.366	ng/u1	0.01
7) Phenol-d5	7.012	99	36200	4.893	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.171	67	20456	4.713	ng/u1	0.00
11) 2-Chlorophenol-d4	7.376	132	25154	5.238	ng/u1	0.00
15) 4-Methylphenol-d8	8.551	113	26223	4.181	ng/u1	0.00
21) Nitrobenzene-d5	8.992	128	14006	5.170	ng/u1	0.00
24) 2-Nitrophenol-d4	9.720	143	20340	5.810	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.255	165	36083	5.252	ng/u1	0.00
31) 4-Chloroaniline-d4	10.766	131	23318m	2.606	ng/u1	0.00
46) Dimethylphthalate-d6	13.880	166	152998	5.420	ng/u1	0.00
49) Acenaphthylene-d8	14.168	160	165898	6.004	ng/u1	0.00
54) 4-Nitrophenol-d4	14.685	143	14564m	3.768	ng/u1	0.00
60) Fluorene-d10	15.473	176	148652	6.239	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.596	200	19859	3.472	ng/u1	0.00
73) Anthracene-d10	17.323	188	232988	5.957	ng/u1	0.00
81) Pyrene-d10	19.621	212	227352	4.764	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.303	264	156898	3.123	ng/u1	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	8.657	105	47743	4.728	ng/u1	92
72) Phenanthrene	17.270	178	245607	5.907	ng/u1	95
80) Fluoranthene	19.292	202	360723	6.992	ng/u1	98
82) Pyrene	19.650	202	206968	3.785	ng/u1#	92
85) Benzo(a)anthracene	21.460	228	163700	2.719	ng/u1	98
87) Chrysene	21.524	228	165260	2.944	ng/u1	94
90) Benzo(b)fluoranthene	23.557	252	211115	3.372	ng/u1#	96
91) Benzo(k)fluoranthene	23.610	252	64914m	1.041	ng/u1	

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

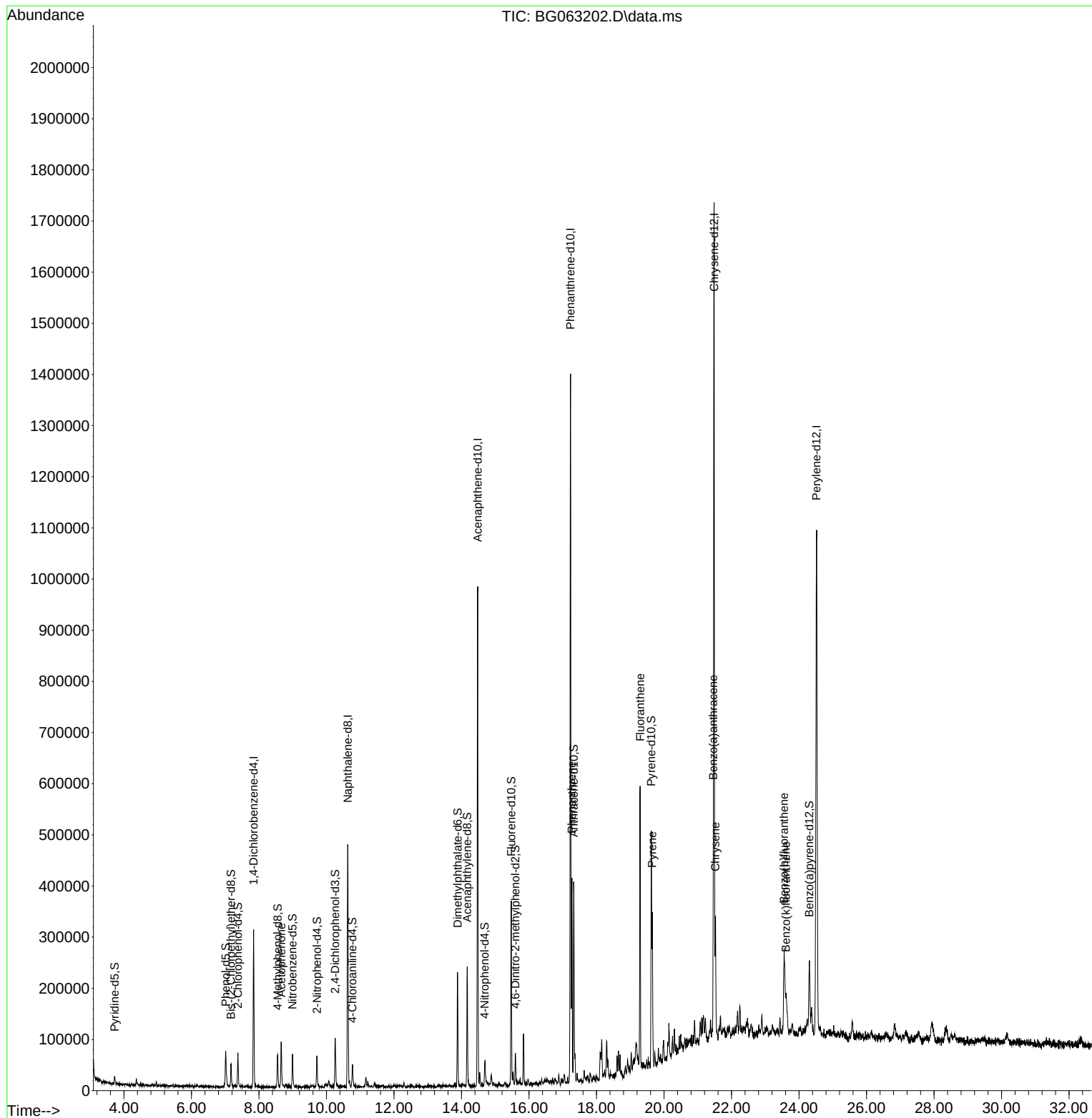
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110624\
Data File : BG063202.D
Acq On : 7 Nov 2024 14:59
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ALS Vial : 41 Sample Multiplier: 1

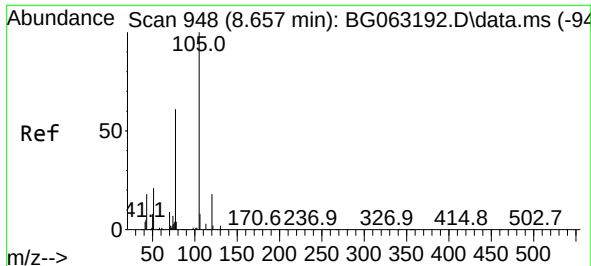
Instrument :
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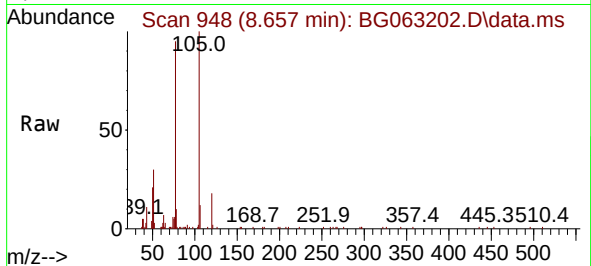
Quant Time: Nov 07 15:30:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 06 15:45:52 2024
Response via : Initial Calibration





#16
Acetophenone
Concen: 4.728 ng/ul
RT: 8.657 min Scan# 948
Delta R.T. -0.001 min
Lab File: BG063202.D
Acq: 7 Nov 2024 14:59

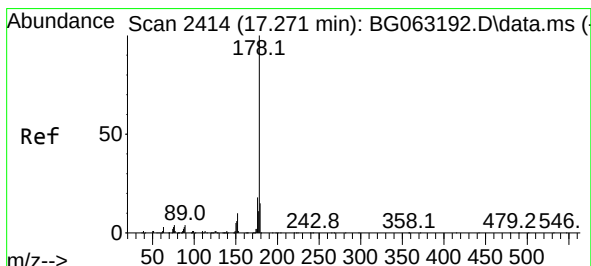
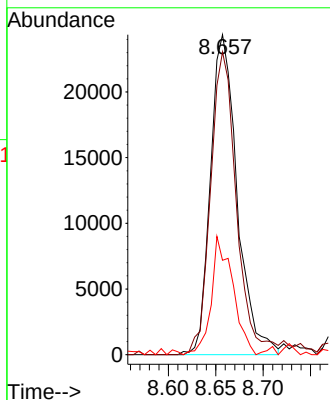
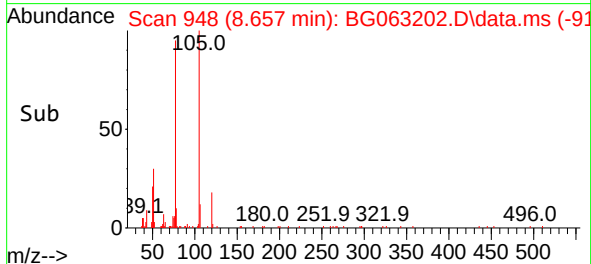
Instrument :
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ClientSampleId :
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Tgt Ion:105 Resp: 4774
Ion Ratio Lower Upper
105 100
77 94.6 68.0 102.0
51 29.5 24.3 36.5

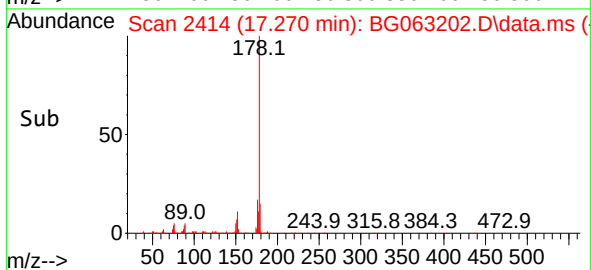
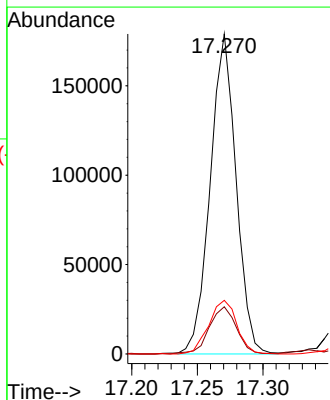
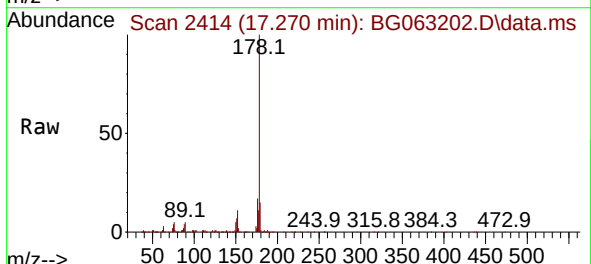
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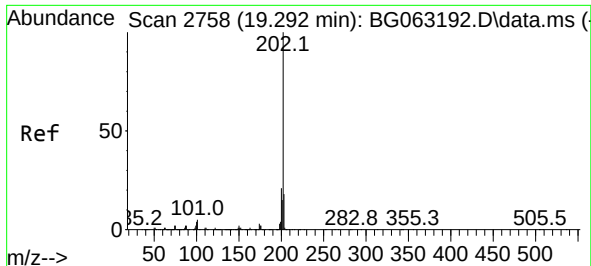
Reviewed By :Yogesh Patel 11/08/2024
Supervised By :mohammad ahmed 11/11/2024



#72
Phenanthrene
Concen: 5.907 ng/ul
RT: 17.270 min Scan# 2414
Delta R.T. 0.005 min
Lab File: BG063202.D
Acq: 7 Nov 2024 14:59

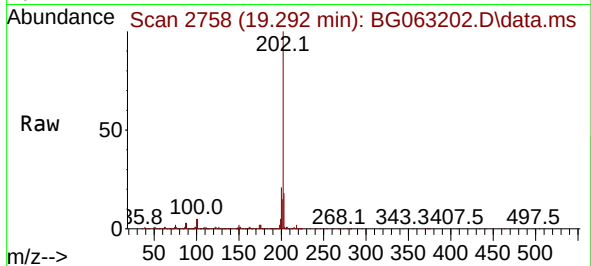
Tgt Ion:178 Resp: 245607
Ion Ratio Lower Upper
178 100
179 14.8 12.2 18.4
176 16.7 16.0 24.0





#80
Fluoranthene
Concen: 6.992 ng/u1
RT: 19.292 min Scan# 21
Delta R.T. 0.005 min
Lab File: BG063202.D
Acq: 7 Nov 2024 14:59

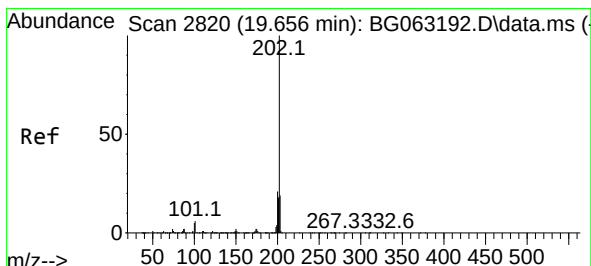
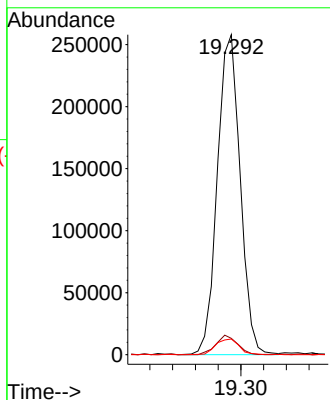
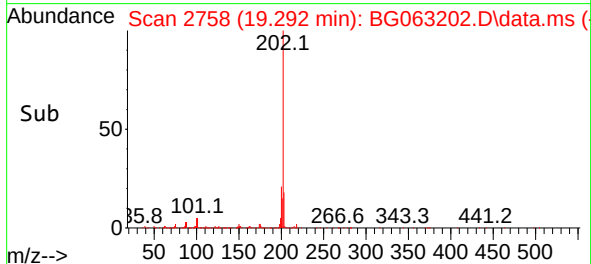
Instrument :
BNA_G
ClientSampleId :
A4EE9



Tgt Ion:202 Resp: 36072
Ion Ratio Lower Upper
202 100
101 5.1 4.7 7.1
100 4.9 3.4 5.0

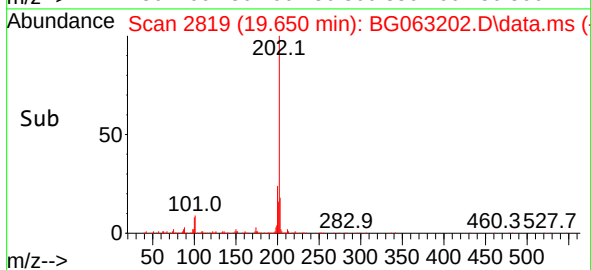
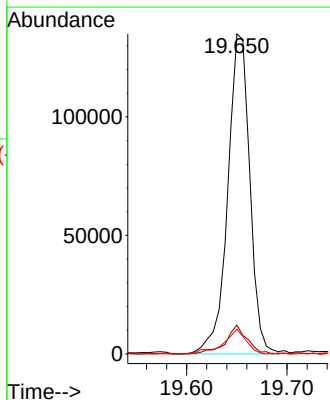
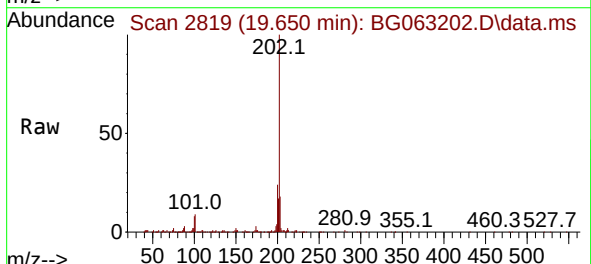
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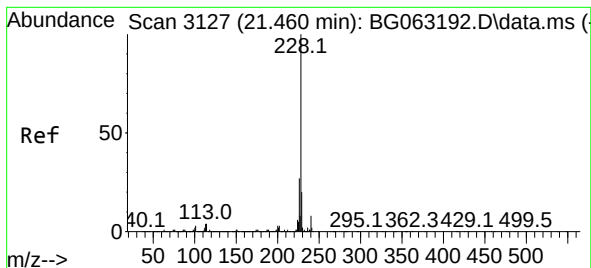
Reviewed By :Yogesh Patel 11/08/2024
Supervised By :mohammad ahmed 11/11/2024



#82
Pyrene
Concen: 3.785 ng/u1
RT: 19.650 min Scan# 2819
Delta R.T. -0.001 min
Lab File: BG063202.D
Acq: 7 Nov 2024 14:59

Tgt Ion:202 Resp: 206968
Ion Ratio Lower Upper
202 100
101 9.0 4.9 7.3#
100 7.7 4.4 6.6#





#85

Benzo(a)anthracene

Concen: 2.719 ng/ul

RT: 21.460 min Scan# 3127

Delta R.T. -0.001 min

Lab File: BG063202.D

Acq: 7 Nov 2024 14:59

Instrument :

BNA_G

ClientSampleId :

A4EE9

Tgt Ion:228 Resp: 163700

Ion Ratio Lower Upper

228 100

229 21.4 15.9 23.9

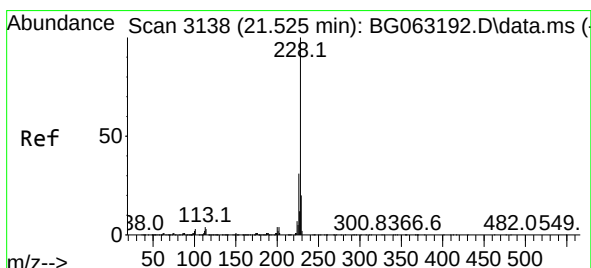
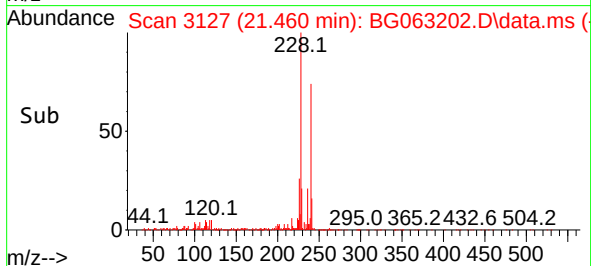
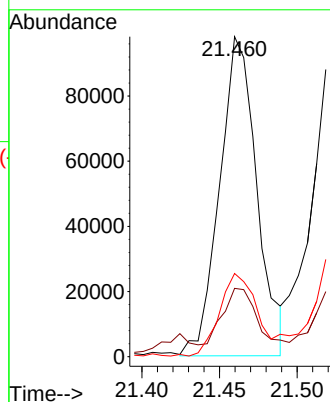
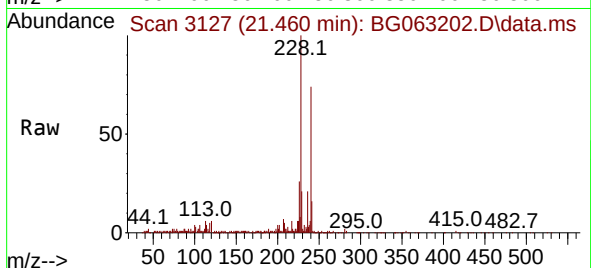
226 26.0 21.4 32.2

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#87

Chrysene

Concen: 2.944 ng/ul

RT: 21.524 min Scan# 3138

Delta R.T. -0.001 min

Lab File: BG063202.D

Acq: 7 Nov 2024 14:59

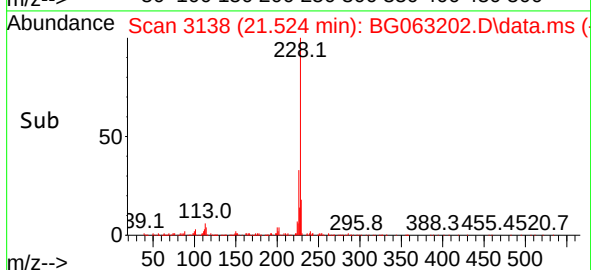
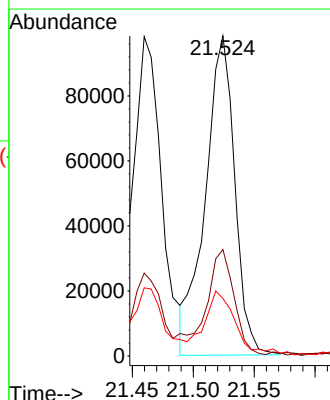
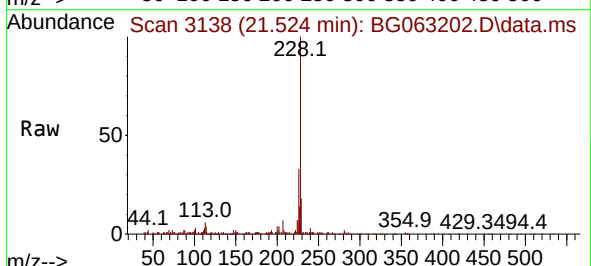
Tgt Ion:228 Resp: 165260

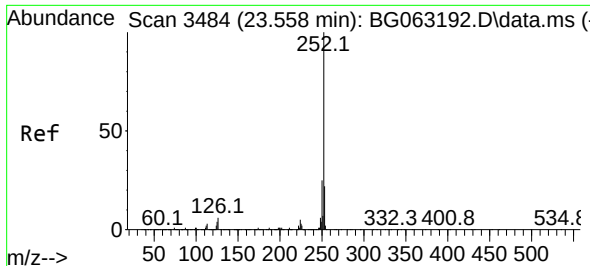
Ion Ratio Lower Upper

228 100

226 33.2 24.1 36.1

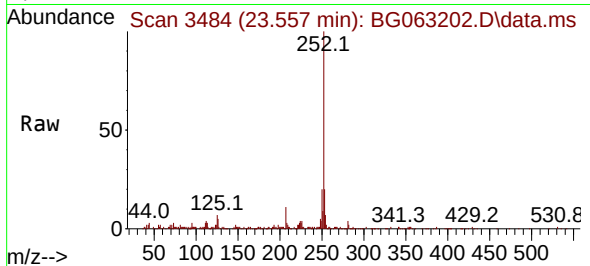
229 17.9 16.6 24.8





#90
Benzo(b)fluoranthene
Concen: 3.372 ng/ul
RT: 23.557 min Scan# 3484
Delta R.T. -0.001 min
Lab File: BG063202.D
Acq: 7 Nov 2024 14:59

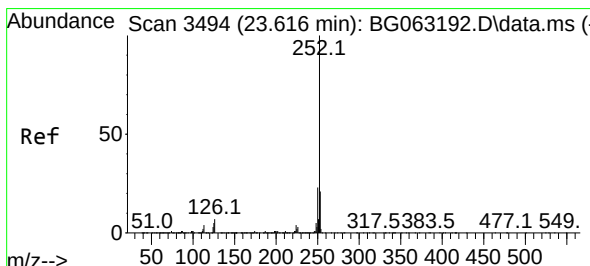
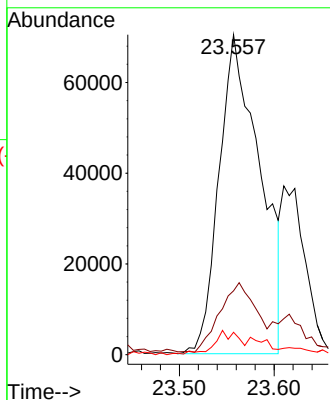
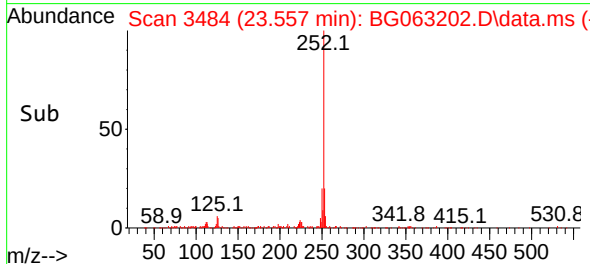
Instrument :
BNA_G
ClientSampleId :
A4EE9



Tgt Ion:252 Resp: 21111
Ion Ratio Lower Upper
252 100
253 19.9 17.1 25.7
125 7.0 3.4 5.0

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#91
Benzo(k)fluoranthene
Concen: 1.041 ng/ul m
RT: 23.610 min Scan# 3493
Delta R.T. -0.007 min
Lab File: BG063202.D
Acq: 7 Nov 2024 14:59

Tgt Ion:252 Resp: 64914
Ion Ratio Lower Upper
252 100
253 21.4 17.4 26.0
125 3.8 3.3 4.9

