

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
 Data File : BG057992.D
 Acq On : 4 Jul 2023 18:16
 Operator : CG/JU
 Sample : 03248-03
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DCGN1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/05/2023
 Supervised By :mohammad ahmed 07/05/2023

Quant Time: Jul 05 01:35:35 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 04 05:09:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.942	152	48792	20.000	ng/u1	0.00
20) Naphthalene-d8	10.744	136	229394	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.575	164	154605	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.319	188	340932	20.000	ng/u1	0.00
79) Chrysene-d12	21.573	240	280940	20.000	ng/u1	0.00
88) Perylene-d12	24.740	264	336241	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.376	96	6401	4.594	ng/uL	0.00
4) Pyridine-d5	3.788	84	79630	18.824	ng/u1	0.00
7) Phenol-d5	7.107	99	133134	26.718	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.266	67	86067	28.662	ng/u1	0.00
11) 2-Chlorophenol-d4	7.477	132	100536	29.254	ng/u1	0.00
15) 4-Methylphenol-d8	8.647	113	61236	16.287	ng/u1	0.00
21) Nitrobenzene-d5	9.099	128	54564	29.184	ng/u1	0.00
24) 2-Nitrophenol-d4	9.828	143	60870	30.977	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.368	165	107959	28.640	ng/u1	0.00
31) 4-Chloroaniline-d4	10.879	131	52917	9.259	ng/u1	0.00
46) Dimethylphthalate-d6	13.976	166	361051	29.598	ng/u1	0.00
49) Acenaphthylene-d8	14.270	160	415385	31.205	ng/u1	0.00
54) 4-Nitrophenol-d4	14.775	143	54604	25.336	ng/u1	0.00
60) Fluorene-d10	15.568	176	320932	30.979	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.685	200	44147	23.847	ng/u1	0.00
73) Anthracene-d10	17.419	188	418685	26.465	ng/u1	0.00
81) Pyrene-d10	19.704	212	551376	31.162	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.528	264	556554	32.489	ng/u1	0.01
Target Compounds					Qvalue	
72) Phenanthrene	17.360	178	23390	1.349	ng/u1	95
80) Fluoranthene	19.369	202	69720	3.401	ng/u1	99
82) Pyrene	19.734	202	63807	3.092	ng/u1	97
85) Benzo(a)anthracene	21.555	228	46602	2.310	ng/u1	93
87) Chrysene	21.614	228	58206	3.078	ng/u1#	94
90) Benzo(b)fluoranthene	23.735	252	106466	5.114	ng/u1#	97
91) Benzo(k)fluoranthene	23.794	252	41088m	2.013	ng/u1	
93) Benzo(a)pyrene	24.593	252	58712	3.186	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	28.341	276	49534m	2.024	ng/u1	
96) Benzo(g,h,i)perylene	29.475	276	37048m	1.854	ng/u1	

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

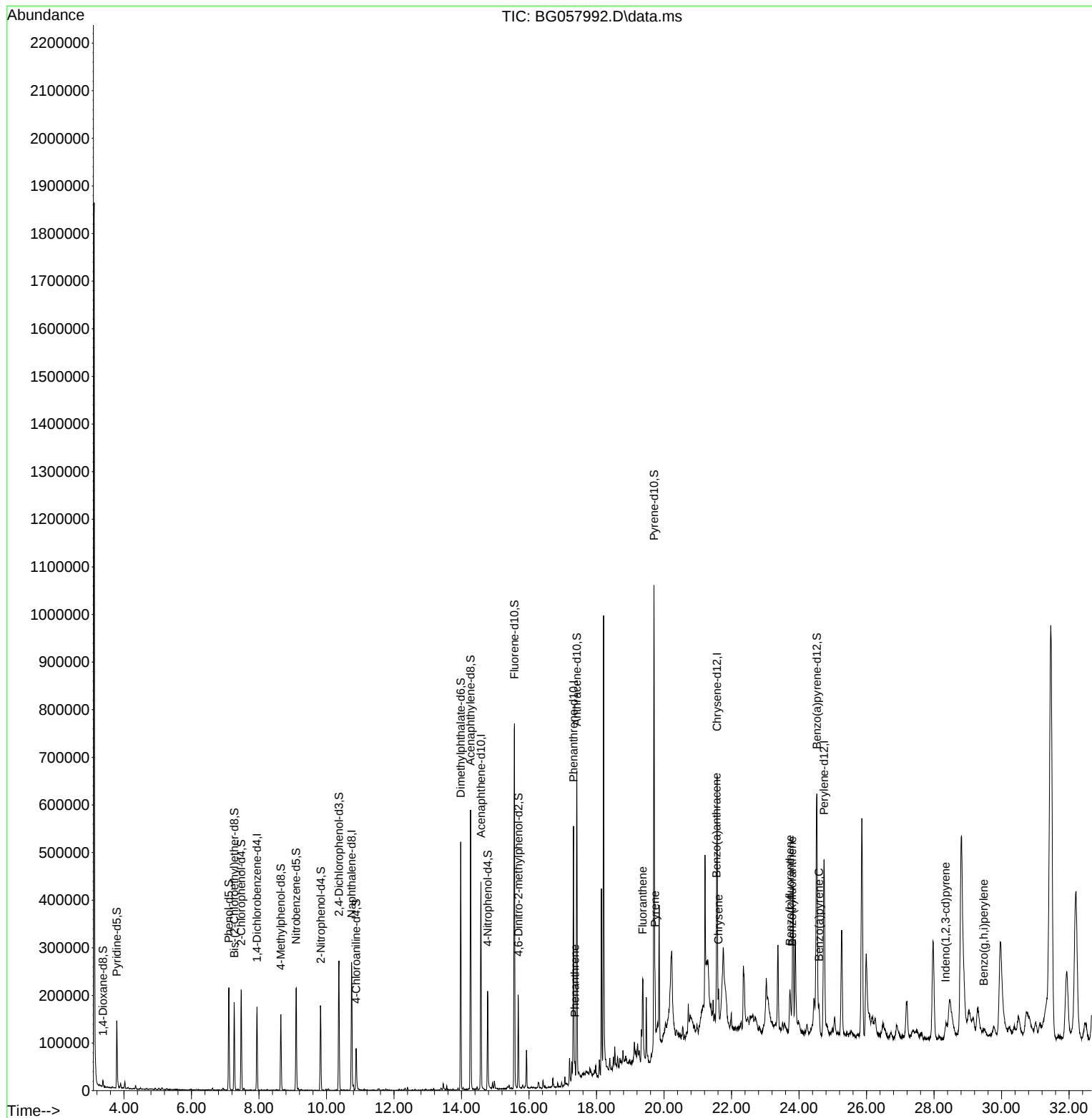
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
Data File : BG057992.D
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ALS Vial : 50 Sample Multiplier: 1

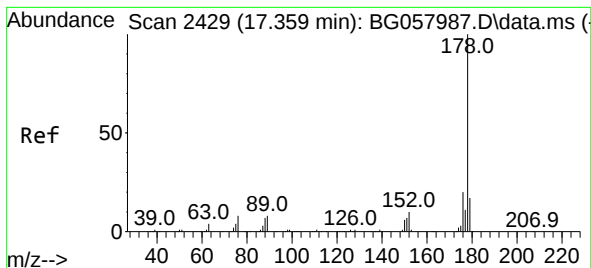
Instrument :
BNA_G
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
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#72

Phenanthrene

Concen: 1.349 ng/ul

RT: 17.360 min Scan# 2429

Delta R.T. 0.001 min

Lab File: BG057992.D

Acq: 4 Jul 2023 18:16

Instrument :

BNA_G

ClientSampleId :

DCGN1

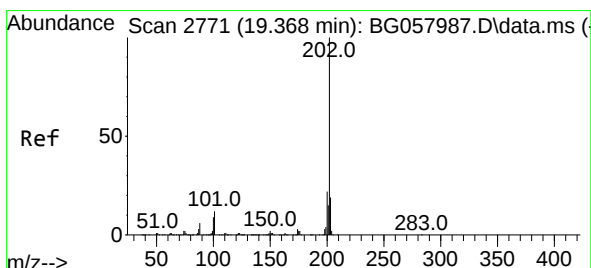
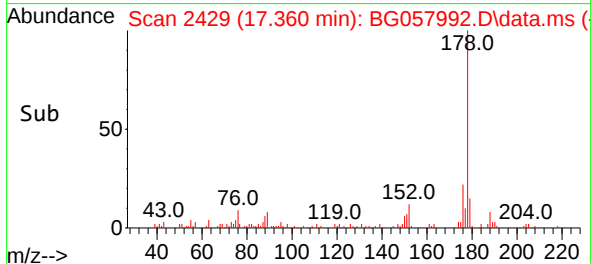
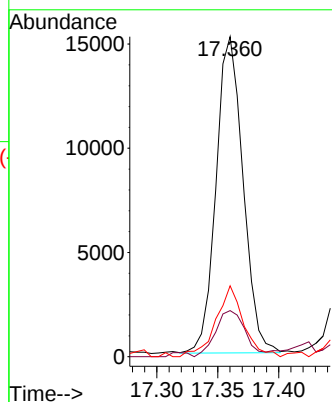
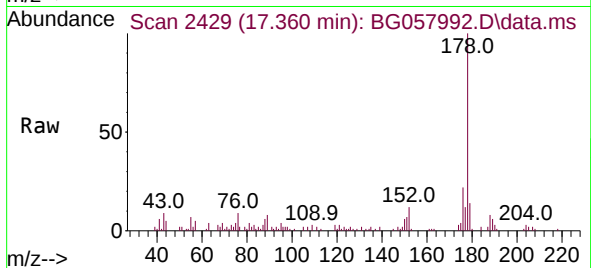
Tgt Ion:178	Resp:	23390
Ion Ratio	Lower	Upper
178	100	
179	14.4	12.8 19.2
176	22.1	15.7 23.5

Manual Integrations

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#80

Fluoranthene

Concen: 3.401 ng/ul

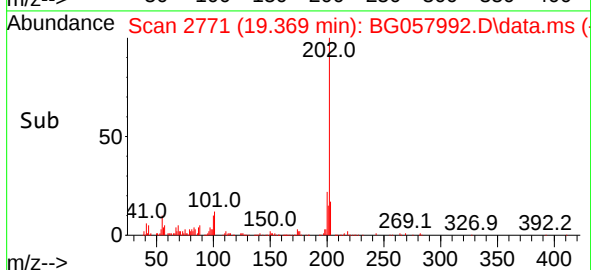
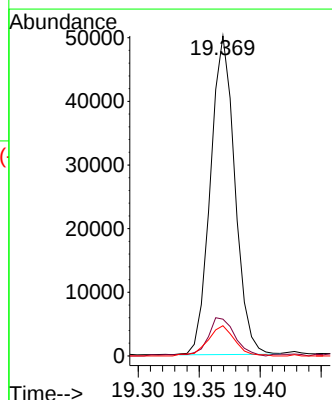
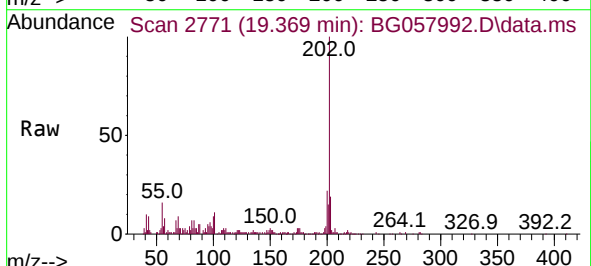
RT: 19.369 min Scan# 2771

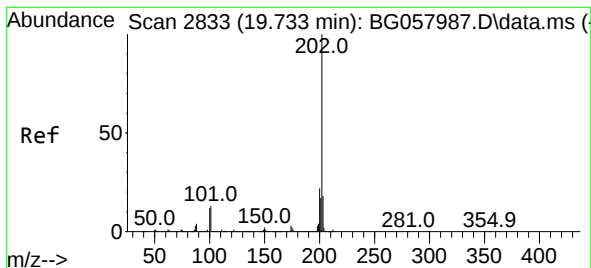
Delta R.T. 0.001 min

Lab File: BG057992.D

Acq: 4 Jul 2023 18:16

Tgt Ion:202	Resp:	69720
Ion Ratio	Lower	Upper
202	100	
101	11.5	9.1 13.7
100	9.5	7.1 10.7





#82

Pyrene

Concen: 3.092 ng/ul

RT: 19.734 min Scan# 21

Delta R.T. 0.001 min

Lab File: BG057992.D

Acq: 4 Jul 2023 18:16

Instrument :

BNA_G

ClientSampleId :

DCGN1

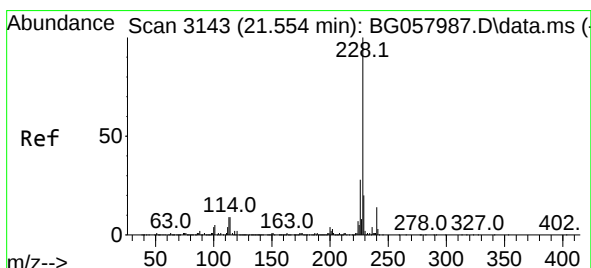
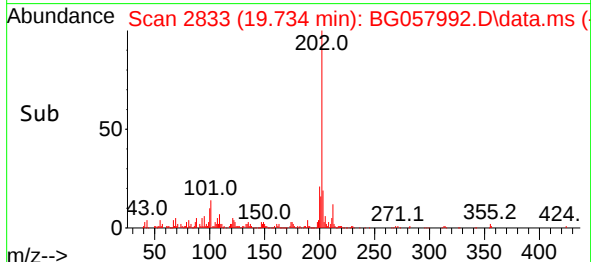
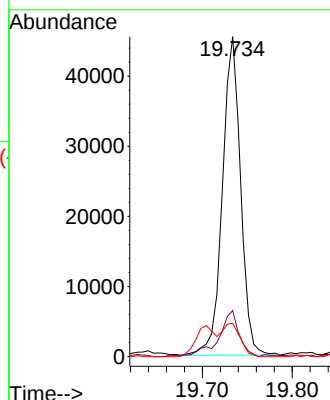
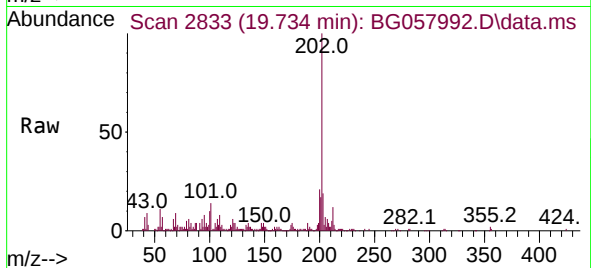
Tgt Ion:202 Resp: 6380
 Ion Ratio Lower Upper
 202 100
 101 14.4 10.2 15.2
 100 10.4 8.9 13.3

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#85

Benzo(a)anthracene

Concen: 2.310 ng/ul

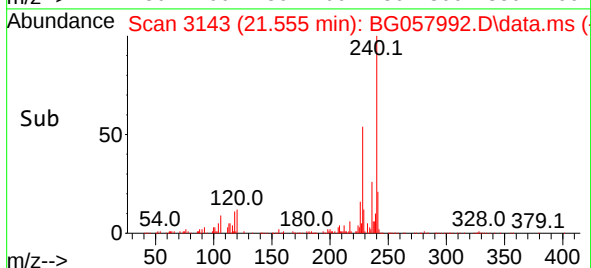
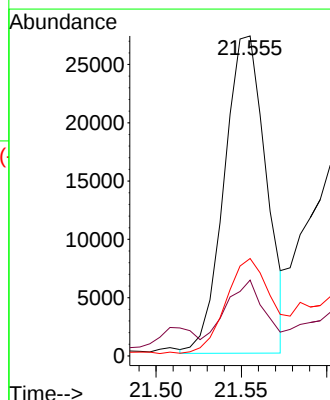
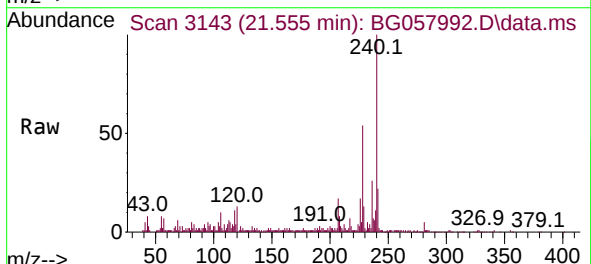
RT: 21.555 min Scan# 3143

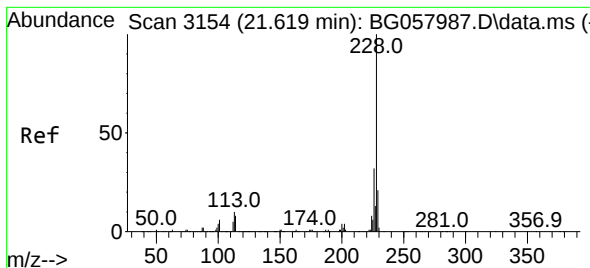
Delta R.T. 0.007 min

Lab File: BG057992.D

Acq: 4 Jul 2023 18:16

Tgt Ion:228 Resp: 46602
 Ion Ratio Lower Upper
 228 100
 229 23.7 16.0 24.0
 226 30.5 22.0 33.0





#87

Chrysene

Concen: 3.078 ng/ul

RT: 21.614 min Scan# 3154

Delta R.T. 0.001 min

Lab File: BG057992.D

Acq: 4 Jul 2023 18:16

Instrument :

BNA_G

ClientSampleId :

DCGN1

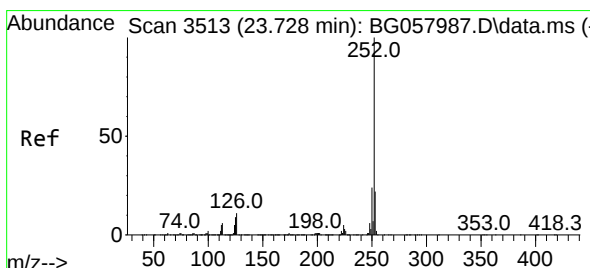
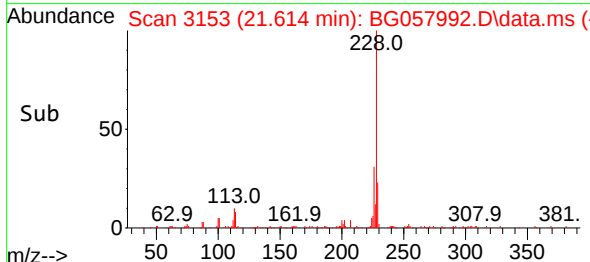
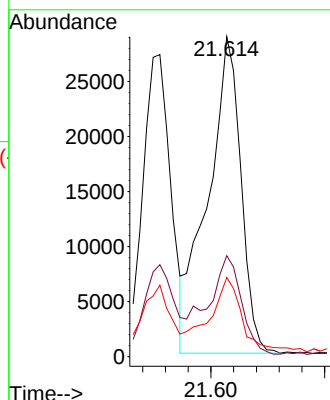
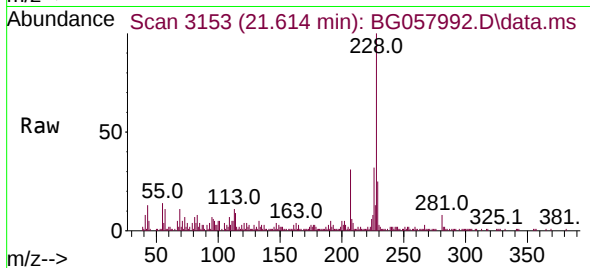
Tgt Ion:	228	Resp:	58200
Ion Ratio	Lower	Upper	
228	100		
226	31.6	24.4	36.6
229	24.8	15.5	23.3

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#90

Benzo(b)fluoranthene

Concen: 5.114 ng/ul

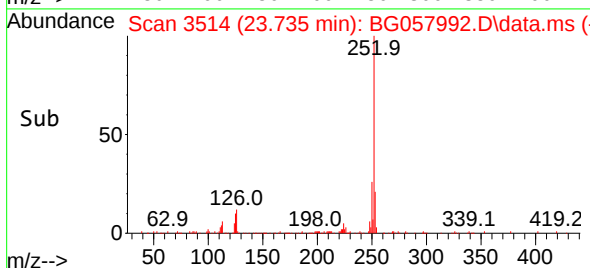
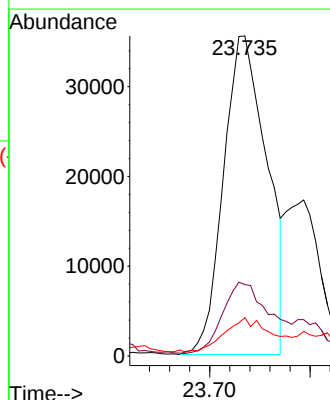
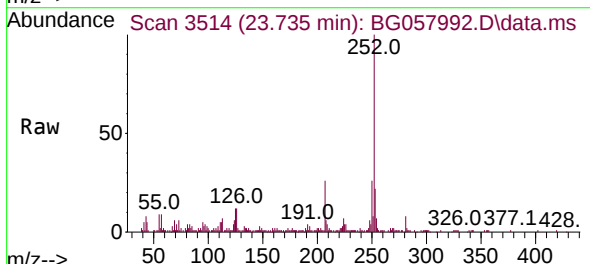
RT: 23.735 min Scan# 3514

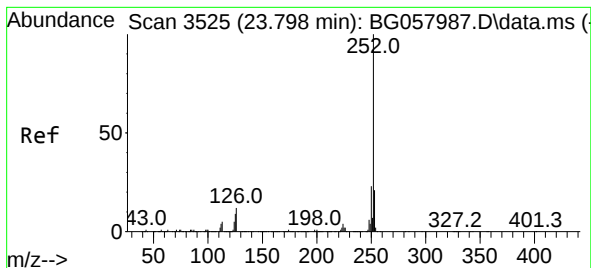
Delta R.T. 0.007 min

Lab File: BG057992.D

Acq: 4 Jul 2023 18:16

Tgt Ion:	252	Resp:	106466
Ion Ratio	Lower	Upper	
252	100		
253	22.3	18.1	27.1
125	12.0	7.5	11.3





#91

Benzo(k)fluoranthene

Concen: 2.013 ng/ul m

RT: 23.794 min Scan# 3

Delta R.T. 0.001 min

Lab File: BG057992.D

Acq: 4 Jul 2023 18:16

Instrument :

BNA_G

ClientSampleId :

DCGN1

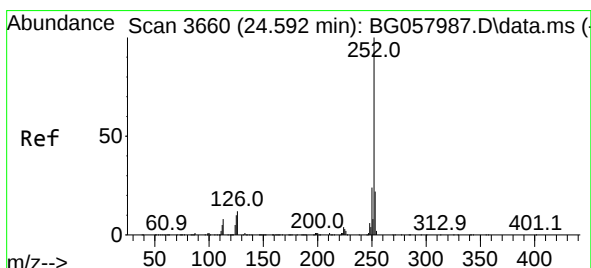
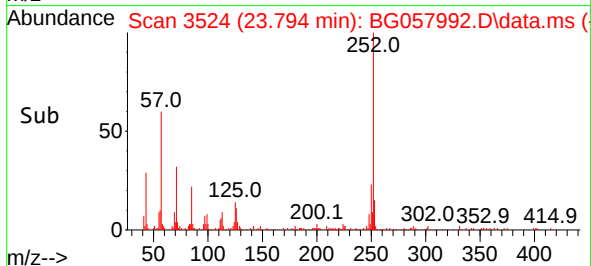
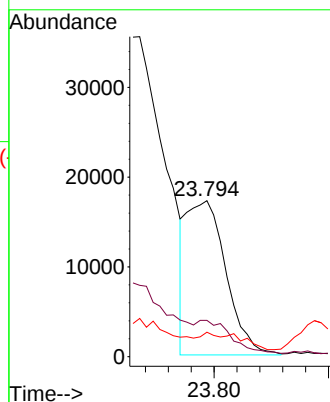
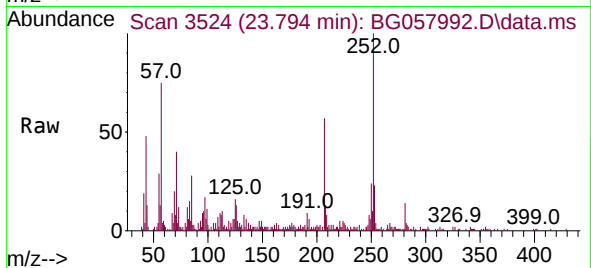
Tgt Ion:252 Resp: 41088
 Ion Ratio Lower Upper
 252 100
 253 23.3 17.7 26.5
 125 15.7 7.4 11.2

Manual Integrations

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#93

Benzo(a)pyrene

Concen: 3.186 ng/ul

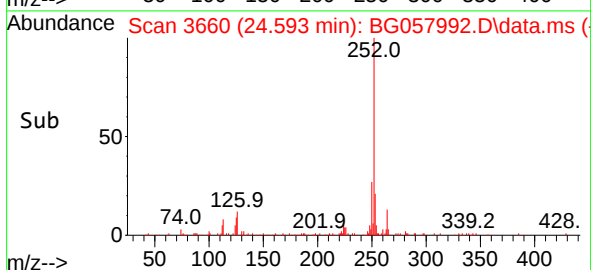
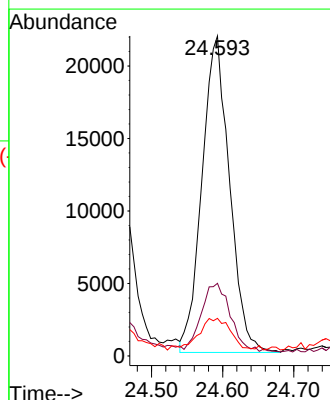
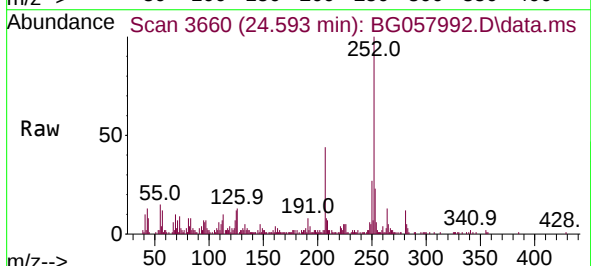
RT: 24.593 min Scan# 3660

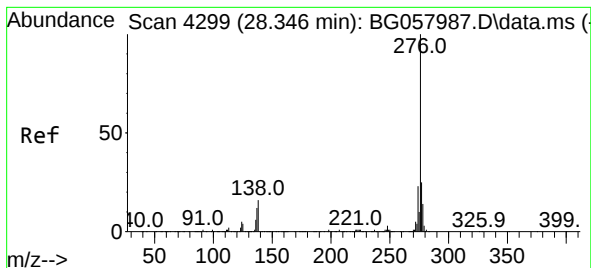
Delta R.T. 0.007 min

Lab File: BG057992.D

Acq: 4 Jul 2023 18:16

Tgt Ion:252 Resp: 58712
 Ion Ratio Lower Upper
 252 100
 253 22.7 17.8 26.6
 125 11.8 8.3 12.5





#94

Indeno(1,2,3-cd)pyrene

Concen: 2.024 ng/ul m

RT: 28.341 min Scan# 4299

Delta R.T. 0.007 min

Lab File: BG057992.D

Acq: 4 Jul 2023 18:16

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ClientSampleId :

DCGN1

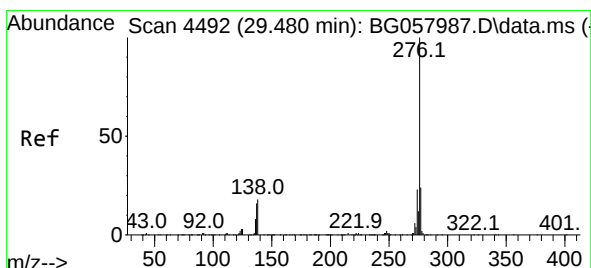
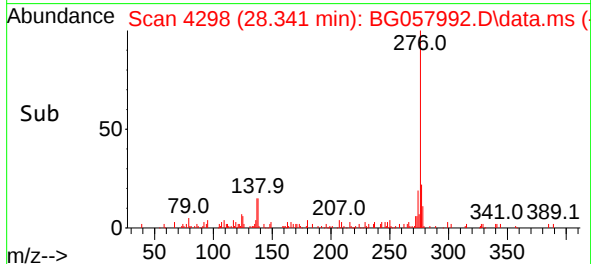
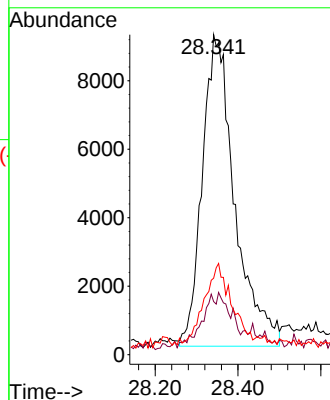
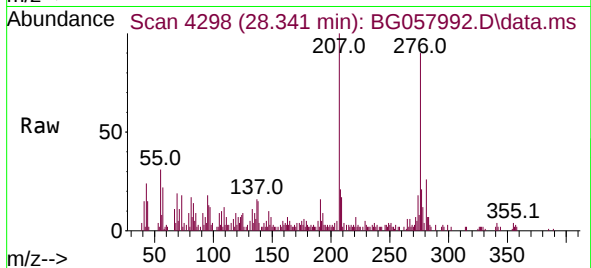
Tgt Ion:	276	Resp:	49534
Ion Ratio	Lower	Upper	
276	100		
138	16.6	14.0	21.0
277	23.9	19.4	29.2

Manual Integrations

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Supervised By :mohammad ahmed 07/05/2023



#96

Benzo(g,h,i)perylene

Concen: 1.854 ng/ul m

RT: 29.475 min Scan# 4491

Delta R.T. 0.007 min

Lab File: BG057992.D

Acq: 4 Jul 2023 18:16

Tgt Ion:	276	Resp:	37048
Ion Ratio	Lower	Upper	
276	100		
138	21.3	14.2	21.2#
277	22.7	18.6	27.8

