

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
 Data File : BG057956.D
 Acq On : 3 Jul 2023 15:33
 Operator : CG/JU
 Sample : 03246-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DCGJ5

Manual Integrations
 APPROVED

Reviewed By :Sohil Jodhani 07/04/2023
 Supervised By :mohammad ahmed 07/04/2023

Quant Time: Jul 04 03:36:12 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Jul 02 07:50:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.933	152	25117	20.000	ng/u1	0.00
20) Naphthalene-d8	10.735	136	116236	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.566	164	86702	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.310	188	208031	20.000	ng/u1	0.00
79) Chrysene-d12	21.564	240	168902	20.000	ng/u1	0.00
88) Perylene-d12	24.719	264	199578	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.367	96	2935	4.092	ng/uL	0.00
4) Pyridine-d5	3.785	84	37243	17.103	ng/u1	0.00
7) Phenol-d5	7.098	99	74802	29.162	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.263	67	43671	28.252	ng/u1	0.00
11) 2-Chlorophenol-d4	7.463	132	51994	29.390	ng/u1	0.00
15) 4-Methylphenol-d8	8.638	113	56515	29.199	ng/u1	0.00
21) Nitrobenzene-d5	9.090	128	30104	31.776	ng/u1	0.00
24) 2-Nitrophenol-d4	9.813	143	33637	33.783	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.353	165	67713	35.451	ng/u1	0.00
31) 4-Chloroaniline-d4	10.876	131	21831m	7.539	ng/u1	0.00
46) Dimethylphthalate-d6	13.973	166	278578	40.722	ng/u1	0.00
49) Acenaphthylene-d8	14.261	160	302251	40.489	ng/u1	0.00
54) 4-Nitrophenol-d4	14.760	143	49342	40.825	ng/u1	0.00
60) Fluorene-d10	15.559	176	260361	44.815	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.671	200	38155	33.777	ng/u1	0.00
73) Anthracene-d10	17.410	188	376220	38.974	ng/u1	0.00
81) Pyrene-d10	19.695	212	500301	47.032	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.501	264	490227	48.213	ng/u1	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.351	178	14897	1.408	ng/u1	99
80) Fluoranthene	19.360	202	45141	3.662	ng/u1	98
82) Pyrene	19.725	202	40483	3.263	ng/u1	97
85) Benzo(a)anthracene	21.540	228	24430	2.014	ng/u1	97
87) Chrysene	21.605	228	33808m	2.974	ng/u1	
90) Benzo(b)fluoranthene	23.714	252	63535	5.141	ng/u1#	95
91) Benzo(k)fluoranthene	23.773	252	17429	1.439	ng/u1#	93
93) Benzo(a)pyrene	24.566	252	31654	2.894	ng/u1#	92
94) Indeno(1,2,3-cd)pyrene	28.303	276	36403	2.506	ng/u1	96
96) Benzo(g,h,i)perylene	29.425	276	31725m	2.674	ng/u1	

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

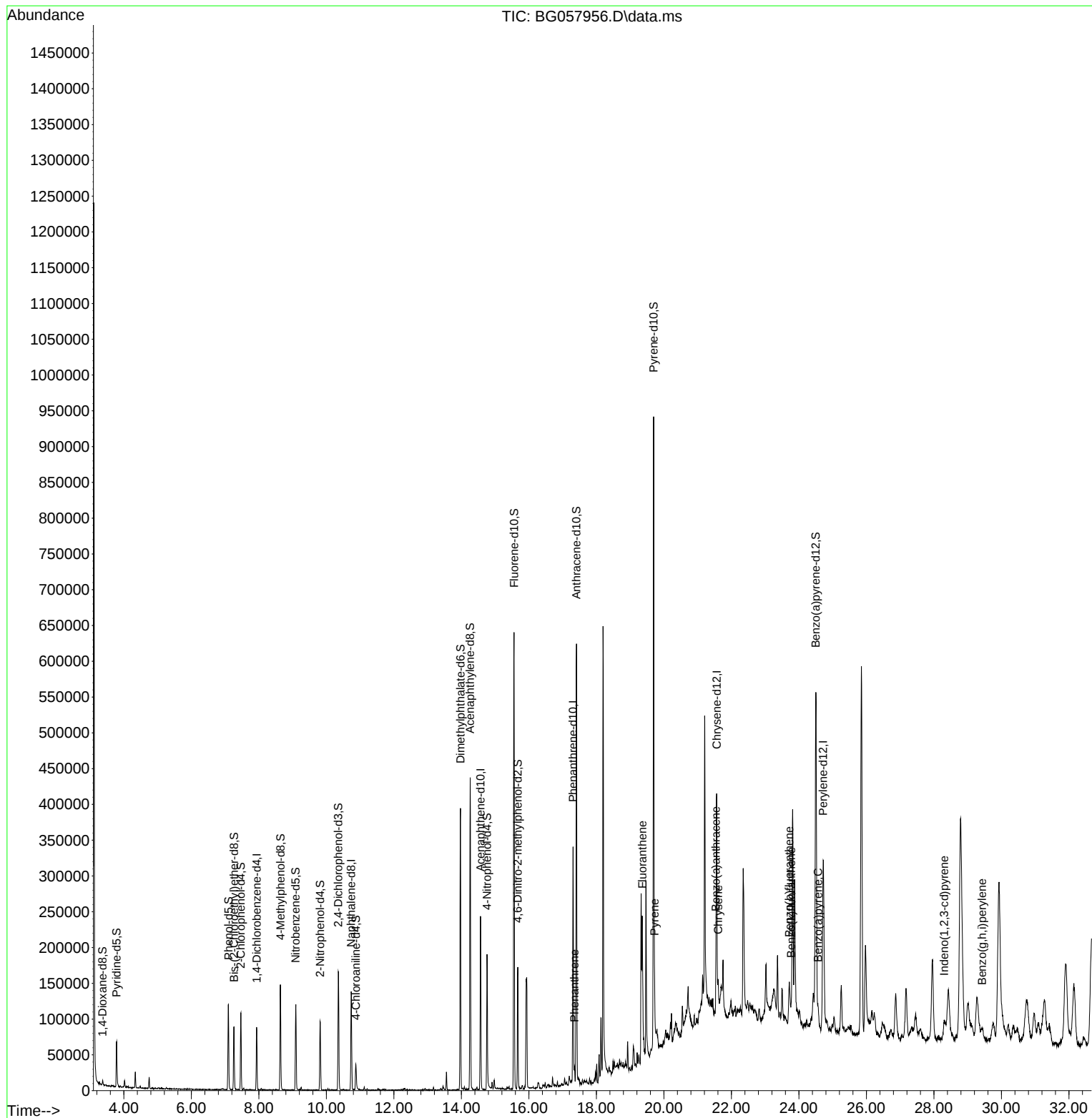
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
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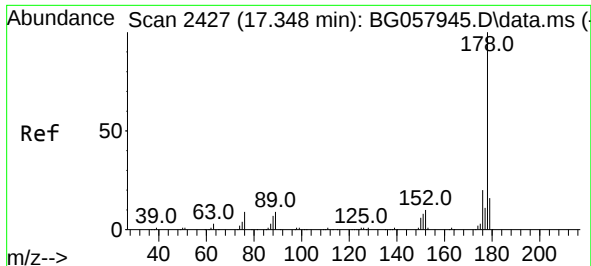
Instrument :
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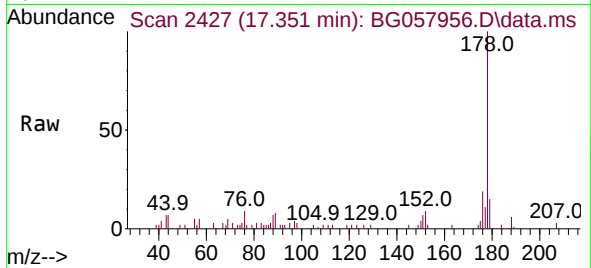
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#72
Phenanthrene
Concen: 1.408 ng/u1
RT: 17.351 min Scan# 2427
Delta R.T. 0.003 min
Lab File: BG057956.D
Acq: 3 Jul 2023 15:33

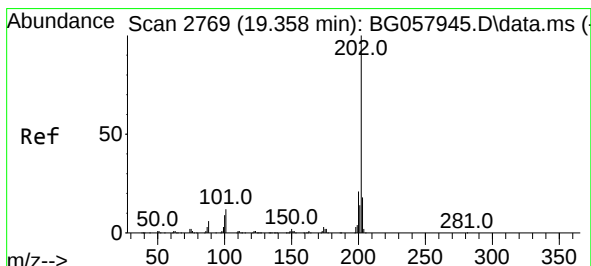
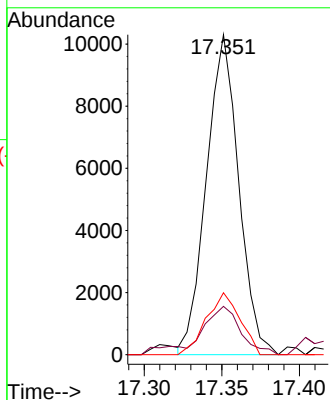
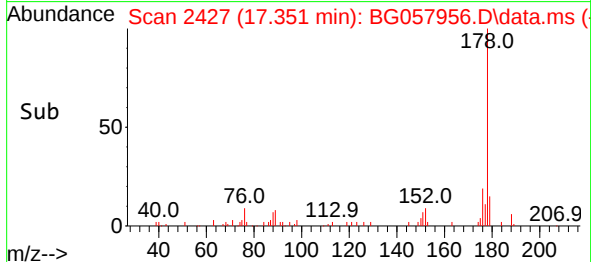
Instrument :
BNA_G
ClientSampleId :
DCGJ5



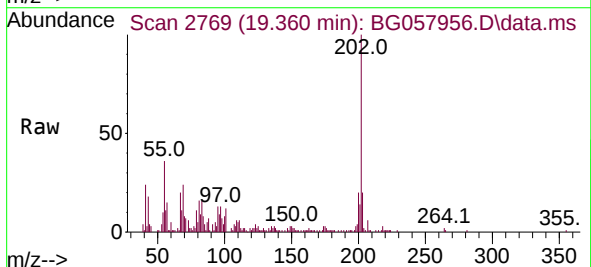
Tgt Ion:178 Resp: 1489
Ion Ratio Lower Upper
178 100
179 15.1 12.8 19.2
176 19.3 15.7 23.5

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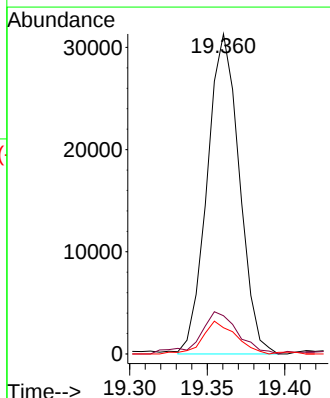
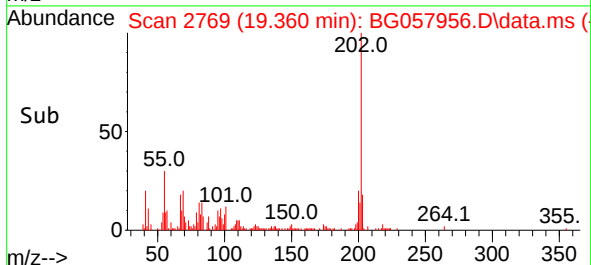
Reviewed By :Sohil Jodhani 07/04/2023
Supervised By :mohammad ahmed 07/04/2023

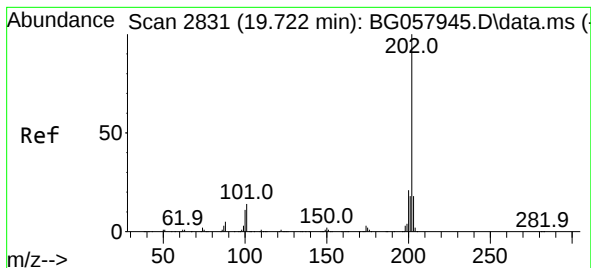


#80
Fluoranthene
Concen: 3.662 ng/u1
RT: 19.360 min Scan# 2769
Delta R.T. 0.003 min
Lab File: BG057956.D
Acq: 3 Jul 2023 15:33



Tgt Ion:202 Resp: 45141
Ion Ratio Lower Upper
202 100
101 12.0 9.1 13.7
100 8.2 7.1 10.7





#82

Pyrene

Concen: 3.263 ng/ul

RT: 19.725 min Scan# 21

Delta R.T. 0.003 min

Lab File: BG057956.D

Acq: 3 Jul 2023 15:33

Instrument :

BNA_G

ClientSampleId :

DCGJ5

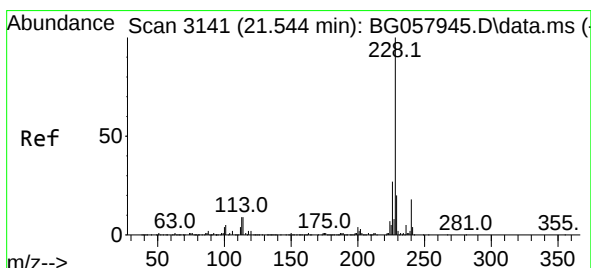
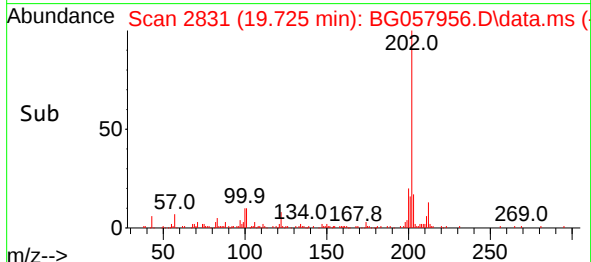
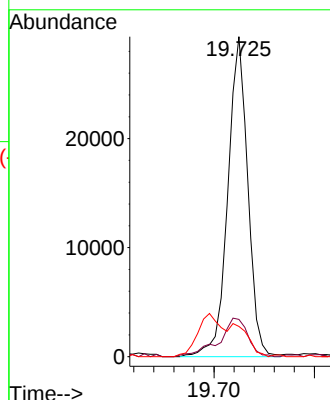
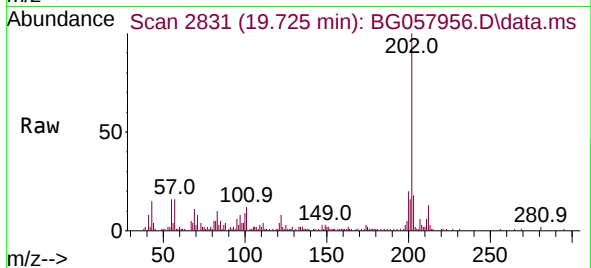
Tgt Ion:202 Resp: 4048
 Ion Ratio Lower Upper
 202 100
 101 11.6 10.2 15.2
 100 9.4 8.9 13.3

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#85

Benzo(a)anthracene

Concen: 2.014 ng/ul

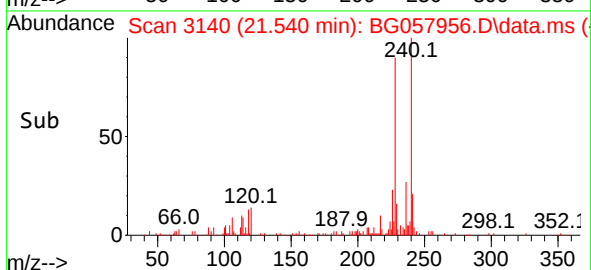
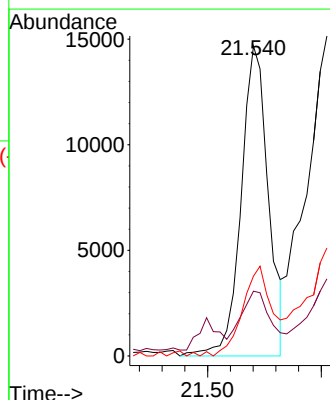
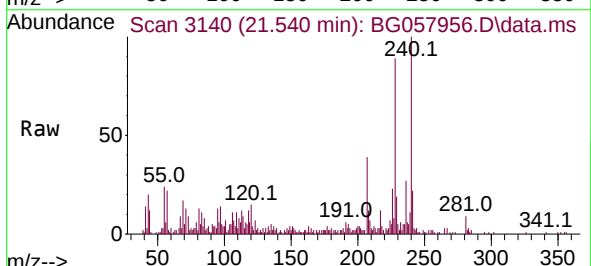
RT: 21.540 min Scan# 3140

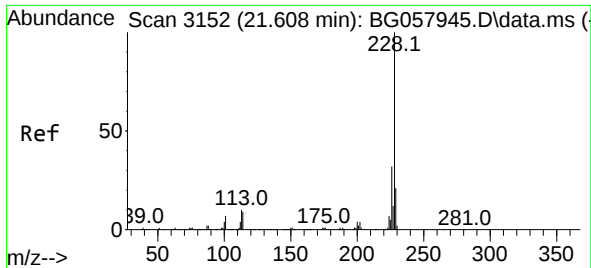
Delta R.T. -0.003 min

Lab File: BG057956.D

Acq: 3 Jul 2023 15:33

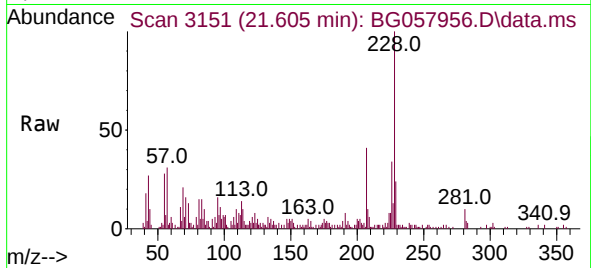
Tgt Ion:228 Resp: 24430
 Ion Ratio Lower Upper
 228 100
 229 20.9 16.0 24.0
 226 25.8 22.0 33.0





#87
Chrysene
Concen: 2.974 ng/ul m
RT: 21.605 min Scan# 3152
Delta R.T. -0.003 min
Lab File: BG057956.D
Acq: 3 Jul 2023 15:33

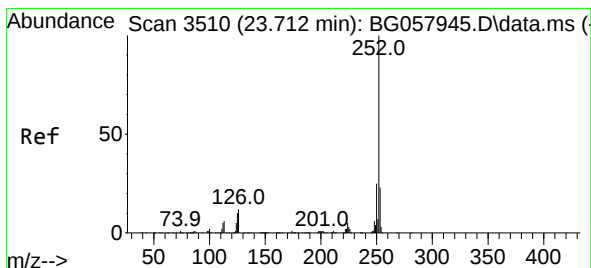
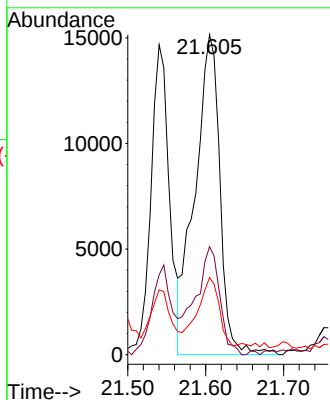
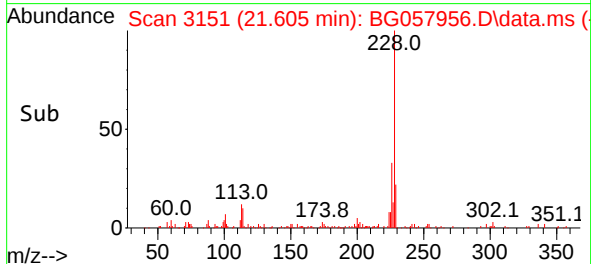
Instrument :
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Tgt Ion:228 Resp: 33808
Ion Ratio Lower Upper
228 100
226 33.7 24.4 36.6
229 24.1 15.5 23.3

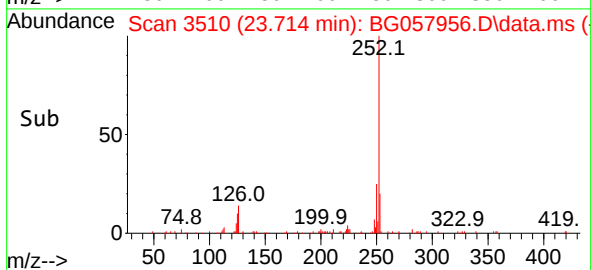
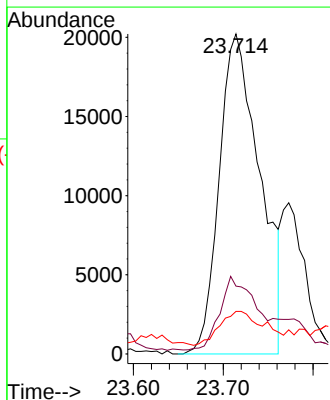
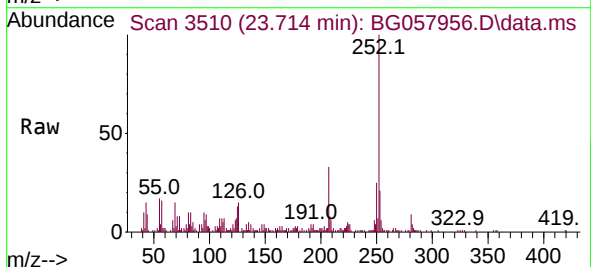
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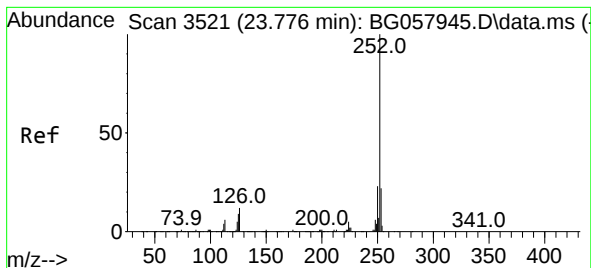
Reviewed By :Sohil Jodhani 07/04/2023
Supervised By :mohammad ahmed 07/04/2023



#90
Benzo(b)fluoranthene
Concen: 5.141 ng/ul
RT: 23.714 min Scan# 3510
Delta R.T. 0.003 min
Lab File: BG057956.D
Acq: 3 Jul 2023 15:33

Tgt Ion:252 Resp: 63535
Ion Ratio Lower Upper
252 100
253 21.2 18.1 27.1
125 13.3 7.5 11.3





#91

Benzo(k)fluoranthene

Concen: 1.439 ng/uI

RT: 23.773 min Scan# 3521

Delta R.T. -0.003 min

Lab File: BG057956.D

Acq: 3 Jul 2023 15:33

Instrument :

BNA_G

ClientSampleId :

DCGJ5

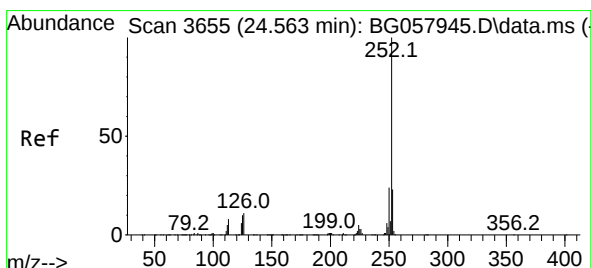
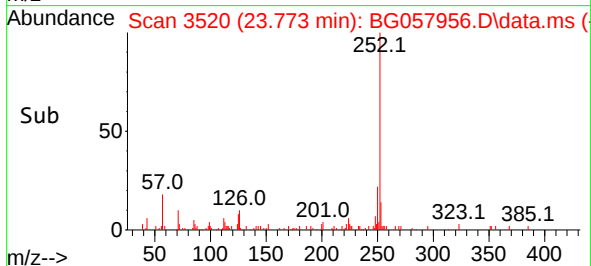
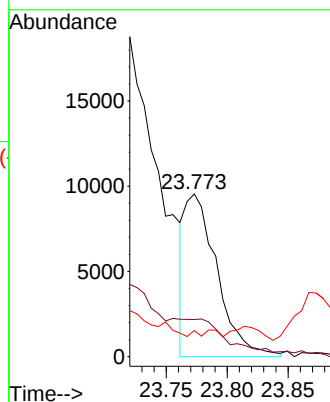
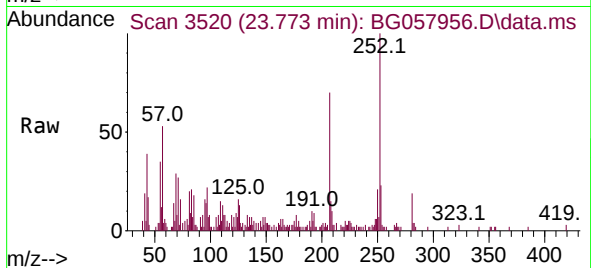
Tgt Ion:	252	Resp:	17429
Ion Ratio	Lower	Upper	
252	100		
253	22.8	17.7	26.5
125	16.0	7.4	11.2

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#93

Benzo(a)pyrene

Concen: 2.894 ng/uI

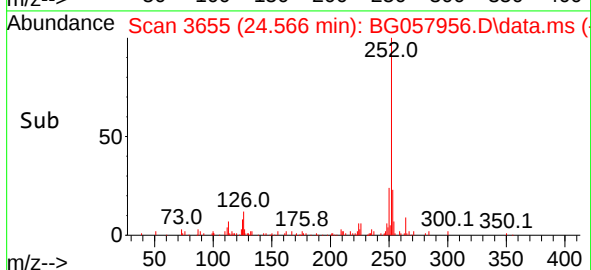
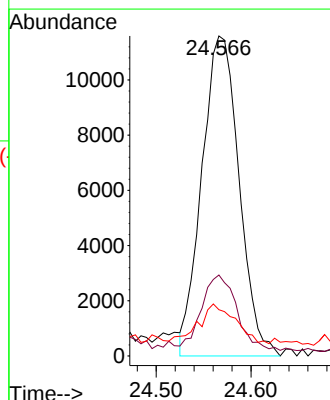
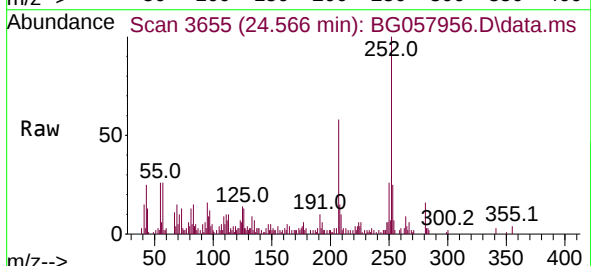
RT: 24.566 min Scan# 3655

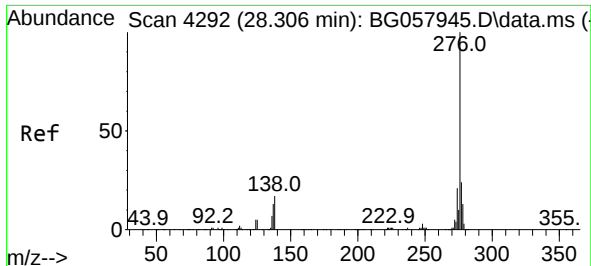
Delta R.T. -0.003 min

Lab File: BG057956.D

Acq: 3 Jul 2023 15:33

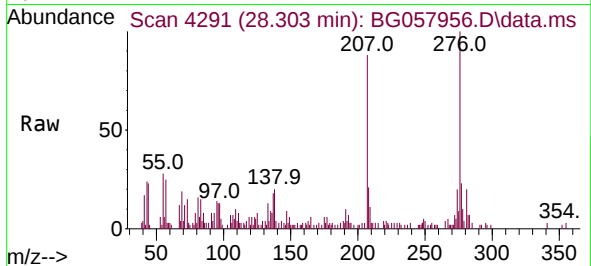
Tgt Ion:	252	Resp:	31654
Ion Ratio	Lower	Upper	
252	100		
253	25.3	17.8	26.6
125	14.4	8.3	12.5





#94
 Indeno(1,2,3-cd)pyrene
 Concen: 2.506 ng/ul
 RT: 28.303 min Scan# 4291
 Delta R.T. -0.003 min
 Lab File: BG057956.D
 Acq: 3 Jul 2023 15:33

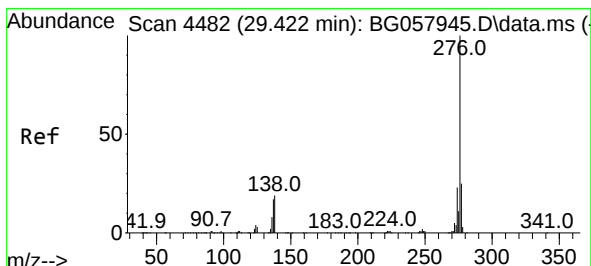
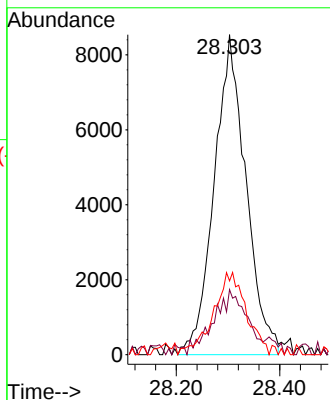
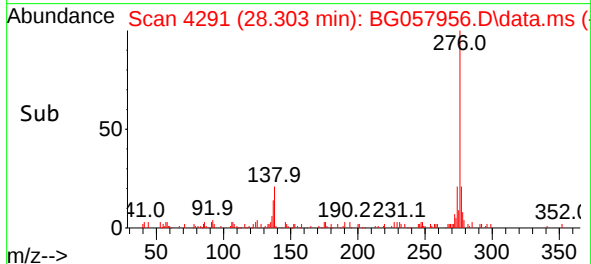
Instrument :
 BNA_G
 ClientSampleId :
 DCGJ5



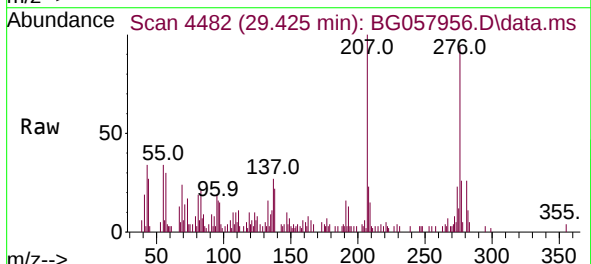
Tgt Ion:276 Resp: 3640
 Ion Ratio Lower Upper
 276 100
 138 20.3 14.0 21.0
 277 23.1 19.4 29.2

Manual Integrations
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#96
 Benzo(g,h,i)perylene
 Concen: 2.674 ng/ul m
 RT: 29.425 min Scan# 4482
 Delta R.T. -0.003 min
 Lab File: BG057956.D
 Acq: 3 Jul 2023 15:33



Tgt Ion:276 Resp: 31725
 Ion Ratio Lower Upper
 276 100
 138 23.5 14.2 21.2#
 277 27.4 18.6 27.8

