

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
 Data File : BG057971.D
 Acq On : 4 Jul 2023 2:09
 Operator : CG/JU
 Sample : 03247-01
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DCGA9

Manual Integrations
 APPROVED

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

Quant Time: Jul 04 05:00:51 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	7.936	152	49857	20.000	ng/u1	0.00
20) Naphthalene-d8	10.744	136	239877	20.000	ng/u1	0.01
38) Acenaphthene-d10	14.569	164	156435	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.313	188	334923	20.000	ng/u1	0.00
79) Chrysene-d12	21.567	240	268381	20.000	ng/u1	0.00
88) Perylene-d12	24.734	264	328620	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.376	96	5962	4.187	ng/uL	0.01
4) Pyridine-d5	3.788	84	68794	15.915	ng/u1	0.01
7) Phenol-d5	7.101	99	112821	22.158	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	7.266	67	78562	25.604	ng/u1	0.00
11) 2-Chlorophenol-d4	7.472	132	90387	25.739	ng/u1	0.00
15) 4-Methylphenol-d8	8.641	113	36273	9.441	ng/u1	0.00
21) Nitrobenzene-d5	9.099	128	50379	25.768	ng/u1	0.00
24) 2-Nitrophenol-d4	9.822	143	55398	26.960	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.362	165	95010	24.103	ng/u1	0.00
31) 4-Chloroaniline-d4	10.879	131	32270	5.400	ng/u1	0.01
46) Dimethylphthalate-d6	13.976	166	308900	25.026	ng/u1	0.00
49) Acenaphthylene-d8	14.264	160	358476	26.615	ng/u1	0.00
54) 4-Nitrophenol-d4	14.769	143	37493	17.193	ng/u1	0.00
60) Fluorene-d10	15.562	176	272133	25.961	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.680	200	33692	18.526	ng/u1	0.01
73) Anthracene-d10	17.413	188	365900	23.544	ng/u1	0.00
81) Pyrene-d10	19.698	212	455942	26.974	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.510	264	441231	26.354	ng/u1	0.01
Target Compounds					Qvalue	
80) Fluoranthene	19.363	202	47157	2.408	ng/u1#	95
82) Pyrene	19.728	202	40105	2.034	ng/u1	96
85) Benzo(a)anthracene	21.549	228	30407	1.578	ng/u1	97
87) Chrysene	21.608	228	36078	1.997	ng/u1	97
90) Benzo(b)fluoranthene	23.729	252	63326	3.112	ng/u1#	93
91) Benzo(k)fluoranthene	23.788	252	21118m	1.059	ng/u1	
93) Benzo(a)pyrene	24.575	252	38357	2.130	ng/u1#	96
94) Indeno(1,2,3-cd)pyrene	28.335	276	31141m	1.302	ng/u1	
96) Benzo(g,h,i)perylene	29.469	276	27623m	1.414	ng/u1	

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

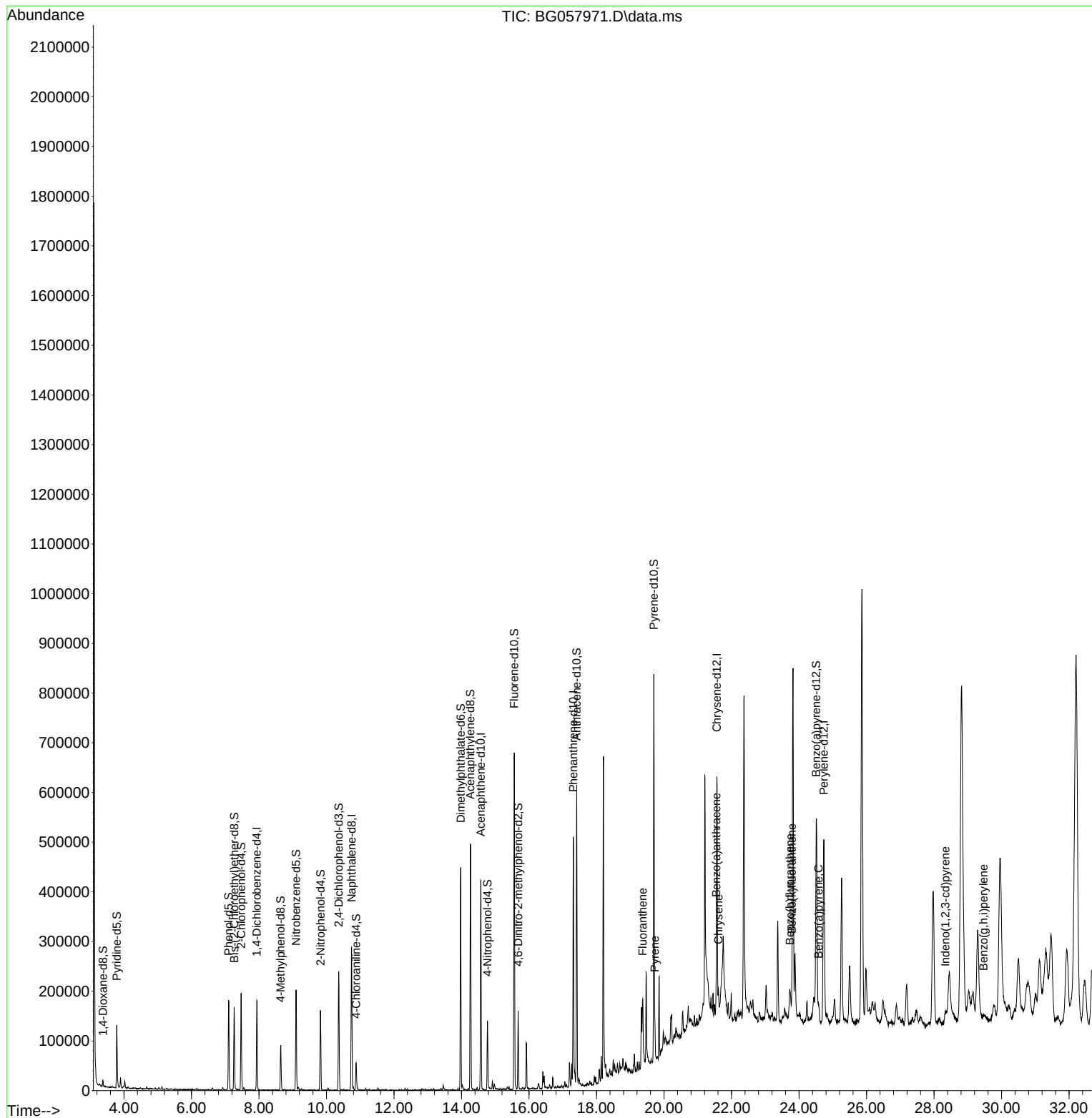
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
Data File : BG057971.D
Acq On : 4 Jul 2023 2:09
Operator : CG/JU
Sample : 03247-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

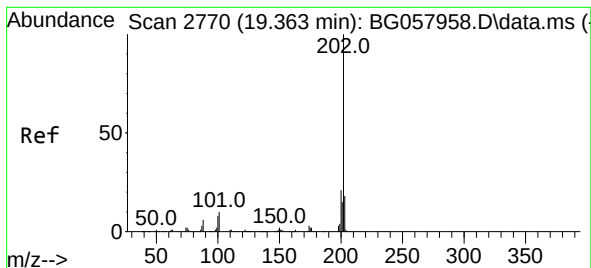
Instrument :
BNA_G
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Jul 02 07:50:15 2023
Response via : Initial Calibration





#80

Fluoranthene

Concen: 2.408 ng/u1

RT: 19.363 min Scan# 21

Delta R.T. 0.006 min

Lab File: BG057971.D

Acq: 4 Jul 2023 2:09

Instrument :

BNA_G

ClientSampleId :

DCGA9

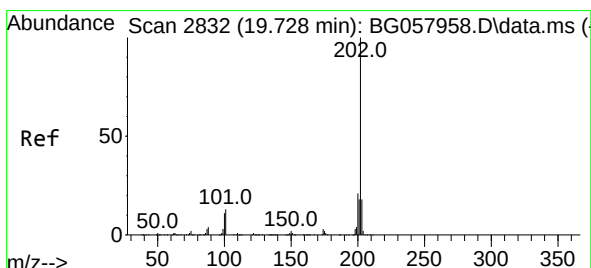
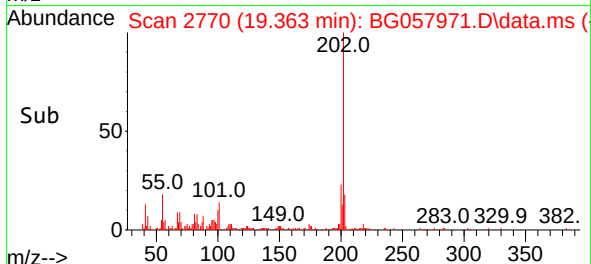
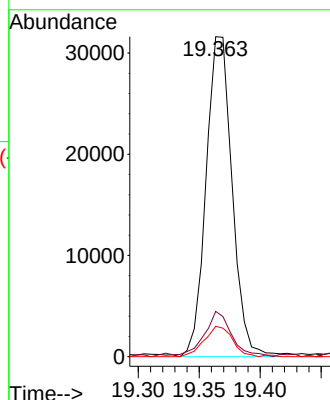
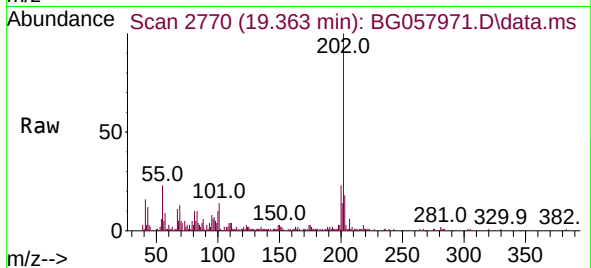
Tgt Ion:	202	Resp:	4715
Ion Ratio	Lower	Upper	
202	100		
101	14.2	9.1	13.7
100	9.5	7.1	10.7

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Supervised By :mohammad ahmed 07/04/2023



#82

Pyrene

Concen: 2.034 ng/u1

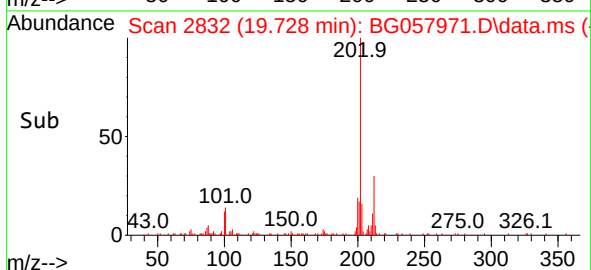
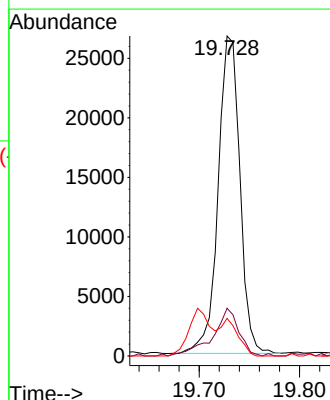
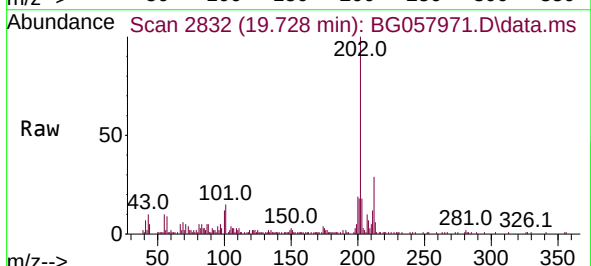
RT: 19.728 min Scan# 2832

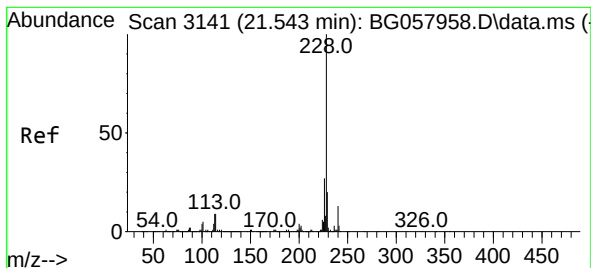
Delta R.T. 0.006 min

Lab File: BG057971.D

Acq: 4 Jul 2023 2:09

Tgt Ion:	202	Resp:	40105
Ion Ratio	Lower	Upper	
202	100		
101	14.9	10.2	15.2
100	11.7	8.9	13.3





#85

Benzo(a)anthracene

Concen: 1.578 ng/ul

RT: 21.549 min Scan# 3142

Delta R.T. 0.006 min

Lab File: BG057971.D

Acq: 4 Jul 2023 2:09

Instrument :

BNA_G

ClientSampleId :

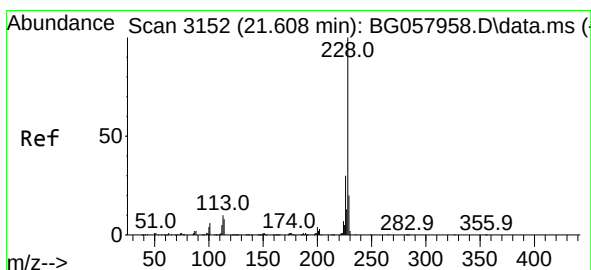
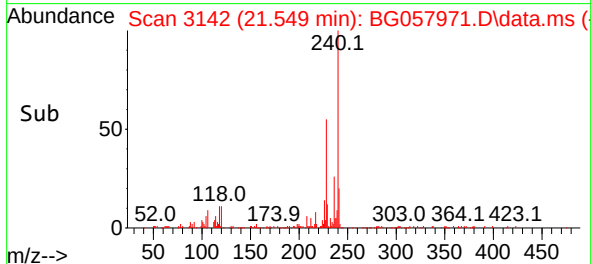
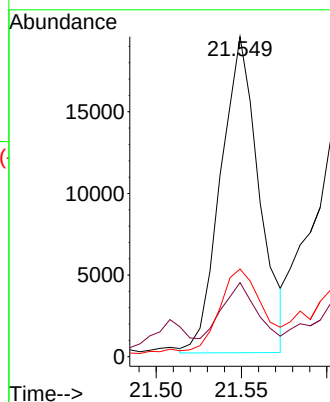
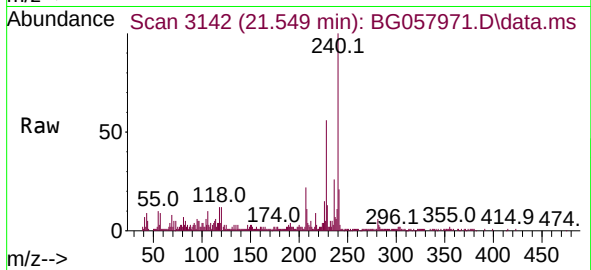
DCGA9

Tgt Ion:228 Resp: 3040
Ion Ratio Lower Upper
228 100
229 23.1 16.0 24.0
226 27.4 22.0 33.0

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#87

Chrysene

Concen: 1.997 ng/ul

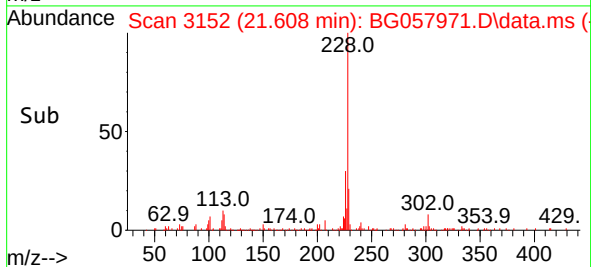
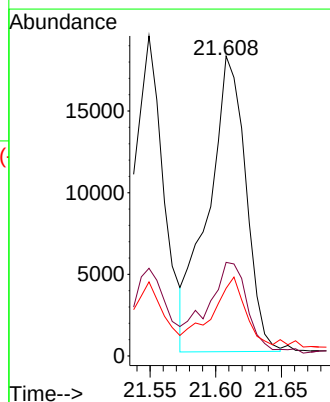
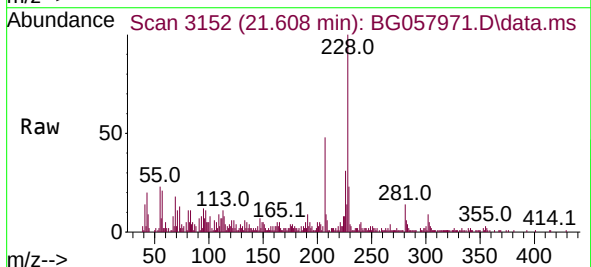
RT: 21.608 min Scan# 3152

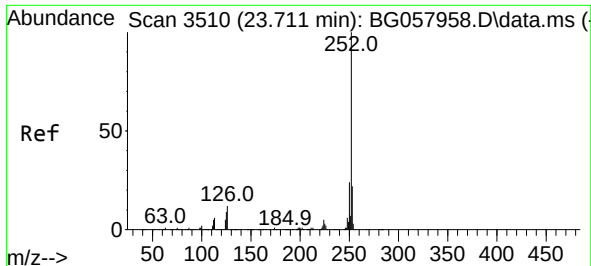
Delta R.T. 0.000 min

Lab File: BG057971.D

Acq: 4 Jul 2023 2:09

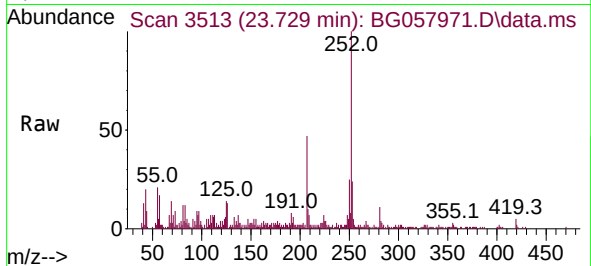
Tgt Ion:228 Resp: 36078
Ion Ratio Lower Upper
228 100
226 31.2 24.4 36.6
229 22.6 15.5 23.3





#90
Benzo(b)fluoranthene
Concen: 3.112 ng/ul
RT: 23.729 min Scan# 3513
Delta R.T. 0.018 min
Lab File: BG057971.D
Acq: 4 Jul 2023 2:09

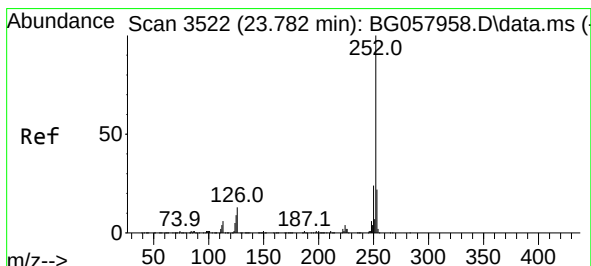
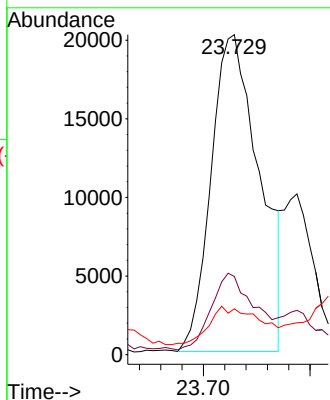
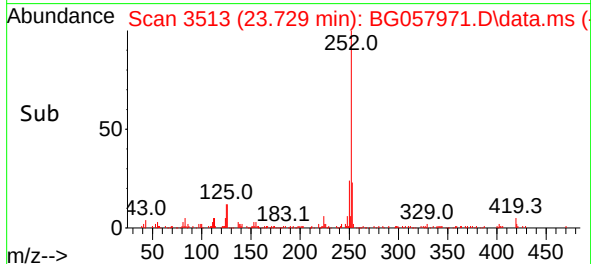
Instrument :
BNA_G
ClientSampleId :
DCGA9



Tgt Ion:252 Resp: 63320
Ion Ratio Lower Upper
252 100
253 24.4 18.1 27.1
125 14.3 7.5 11.3

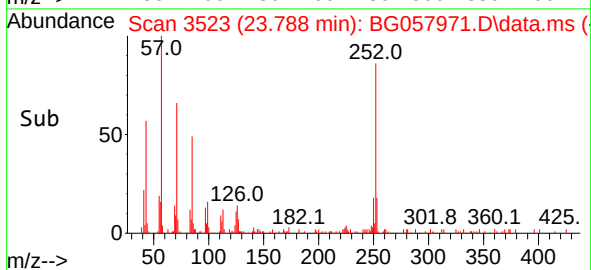
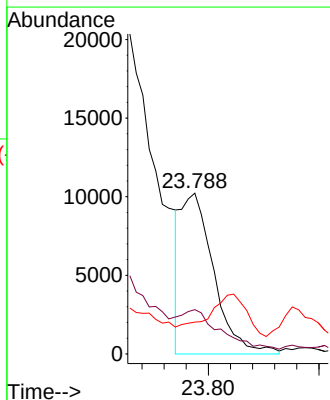
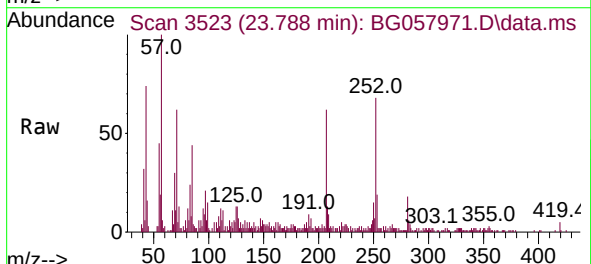
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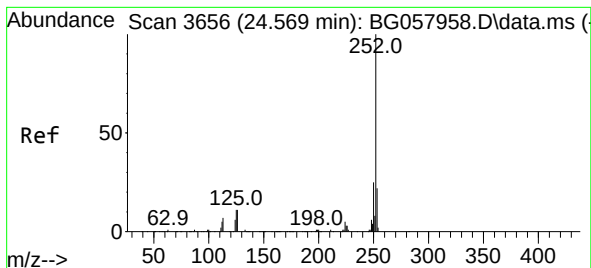
Reviewed By :Sohil Jodhani 07/04/2023
Supervised By :mohammad ahmed 07/04/2023



#91
Benzo(k)fluoranthene
Concen: 1.059 ng/ul m
RT: 23.788 min Scan# 3523
Delta R.T. 0.012 min
Lab File: BG057971.D
Acq: 4 Jul 2023 2:09

Tgt Ion:252 Resp: 21118
Ion Ratio Lower Upper
252 100
253 27.5 17.7 26.5#
125 19.8 7.4 11.2#





#93

Benzo(a)pyrene

Concen: 2.130 ng/ul

RT: 24.575 min Scan# 30

Delta R.T. 0.006 min

Lab File: BG057971.D

Acq: 4 Jul 2023 2:09

Instrument :

BNA_G

ClientSampleId :

DCGA9

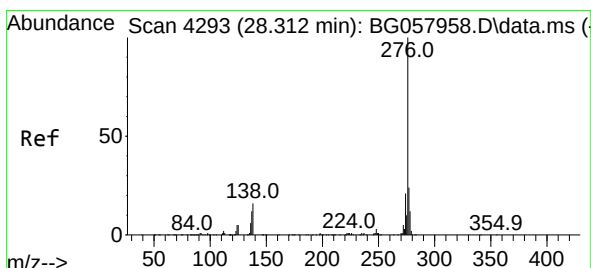
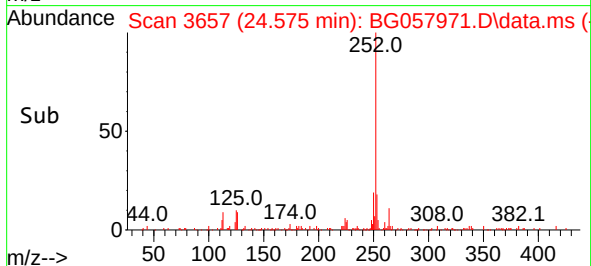
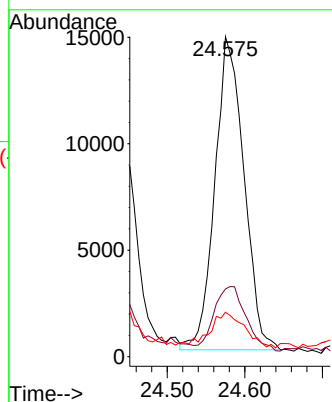
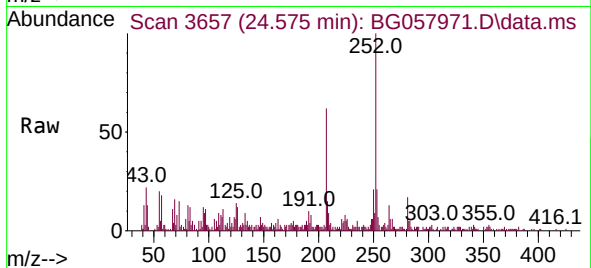
Tgt Ion:	252	Resp:	3835
Ion Ratio	Lower	Upper	
252	100		
253	21.2	17.8	26.6
125	13.9	8.3	12.5

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#94

Indeno(1,2,3-cd)pyrene

Concen: 1.302 ng/ul m

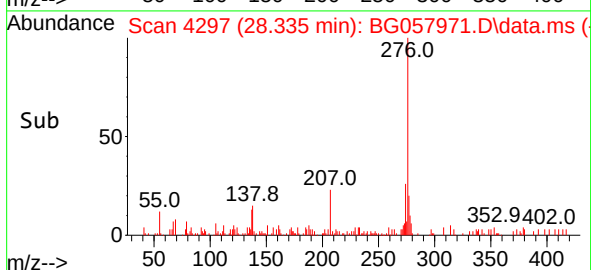
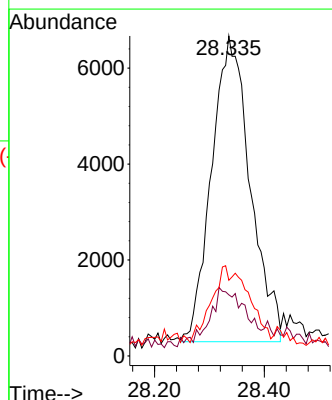
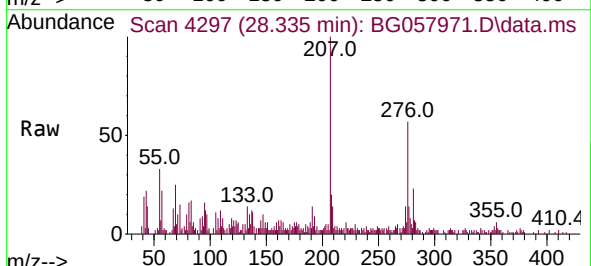
RT: 28.335 min Scan# 4297

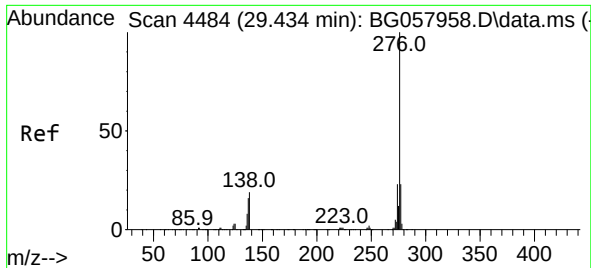
Delta R.T. 0.030 min

Lab File: BG057971.D

Acq: 4 Jul 2023 2:09

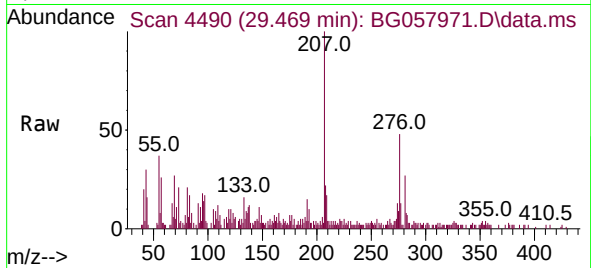
Tgt Ion:	276	Resp:	31141
Ion Ratio	Lower	Upper	
276	100		
138	19.1	14.0	21.0
277	23.7	19.4	29.2





#96
 Benzo(g,h,i)perylene
 Concen: 1.414 ng/ul m
 RT: 29.469 min Scan# 44
 Delta R.T. 0.041 min
 Lab File: BG057971.D
 Acq: 4 Jul 2023 2:09

Instrument :
 BNA_G
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Tgt Ion:	276	Resp:	2762
Ion Ratio	Lower	Upper	
276	100		
138	25.1	14.2	21.2
277	27.2	18.6	27.8

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