

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
 Data File : BG057985.D
 Acq On : 4 Jul 2023 12:38
 Operator : CG/JU
 Sample : 03247-06
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DCGL2

Manual Integrations
 APPROVED

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

Quant Time: Jul 05 00:45:49 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	7.941	152	50923	20.000	ng/u1	0.00
20) Naphthalene-d8	10.749	136	238595	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.574	164	160526	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.318	188	348243	20.000	ng/u1	0.00
79) Chrysene-d12	21.572	240	282244	20.000	ng/u1	0.00
88) Perylene-d12	24.739	264	342753	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.376	96	5333	3.667	ng/uL	0.00
4) Pyridine-d5	3.787	84	60989	13.814	ng/u1	0.00
7) Phenol-d5	7.107	99	118268	22.742	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.265	67	73470	23.443	ng/u1	0.00
11) 2-Chlorophenol-d4	7.477	132	90718	25.292	ng/u1	0.00
15) 4-Methylphenol-d8	8.646	113	80934	20.625	ng/u1	0.00
21) Nitrobenzene-d5	9.104	128	46486	23.905	ng/u1	0.00
24) 2-Nitrophenol-d4	9.827	143	51353	25.126	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.368	165	95059	24.245	ng/u1	0.00
31) 4-Chloroaniline-d4	10.879	131	83941	14.121	ng/u1	0.00
46) Dimethylphthalate-d6	13.975	166	293126	23.143	ng/u1	0.00
49) Acenaphthylene-d8	14.269	160	344350	24.915	ng/u1	0.00
54) 4-Nitrophenol-d4	14.774	143	39456	17.632	ng/u1	0.00
60) Fluorene-d10	15.567	176	261722	24.331	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.679	200	31555	16.687	ng/u1	0.00
73) Anthracene-d10	17.418	188	352147	21.792	ng/u1	0.00
81) Pyrene-d10	19.704	212	453337	25.503	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.522	264	450702	25.810	ng/u1	0.00
Target Compounds						
					Qvalue	
80) Fluoranthene	19.369	202	54757	2.658	ng/u1	99
82) Pyrene	19.733	202	46087	2.223	ng/u1	97
85) Benzo(a)anthracene	21.549	228	27977	1.381	ng/u1	93
87) Chrysene	21.613	228	32835	1.728	ng/u1	96
90) Benzo(b)fluoranthene	23.728	252	55144	2.598	ng/u1#	94
93) Benzo(a)pyrene	24.586	252	32576	1.734	ng/u1#	89
94) Indeno(1,2,3-cd)pyrene	28.341	276	27180m	1.090	ng/u1	
96) Benzo(g,h,i)perylene	29.475	276	24398m	1.198	ng/u1	

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

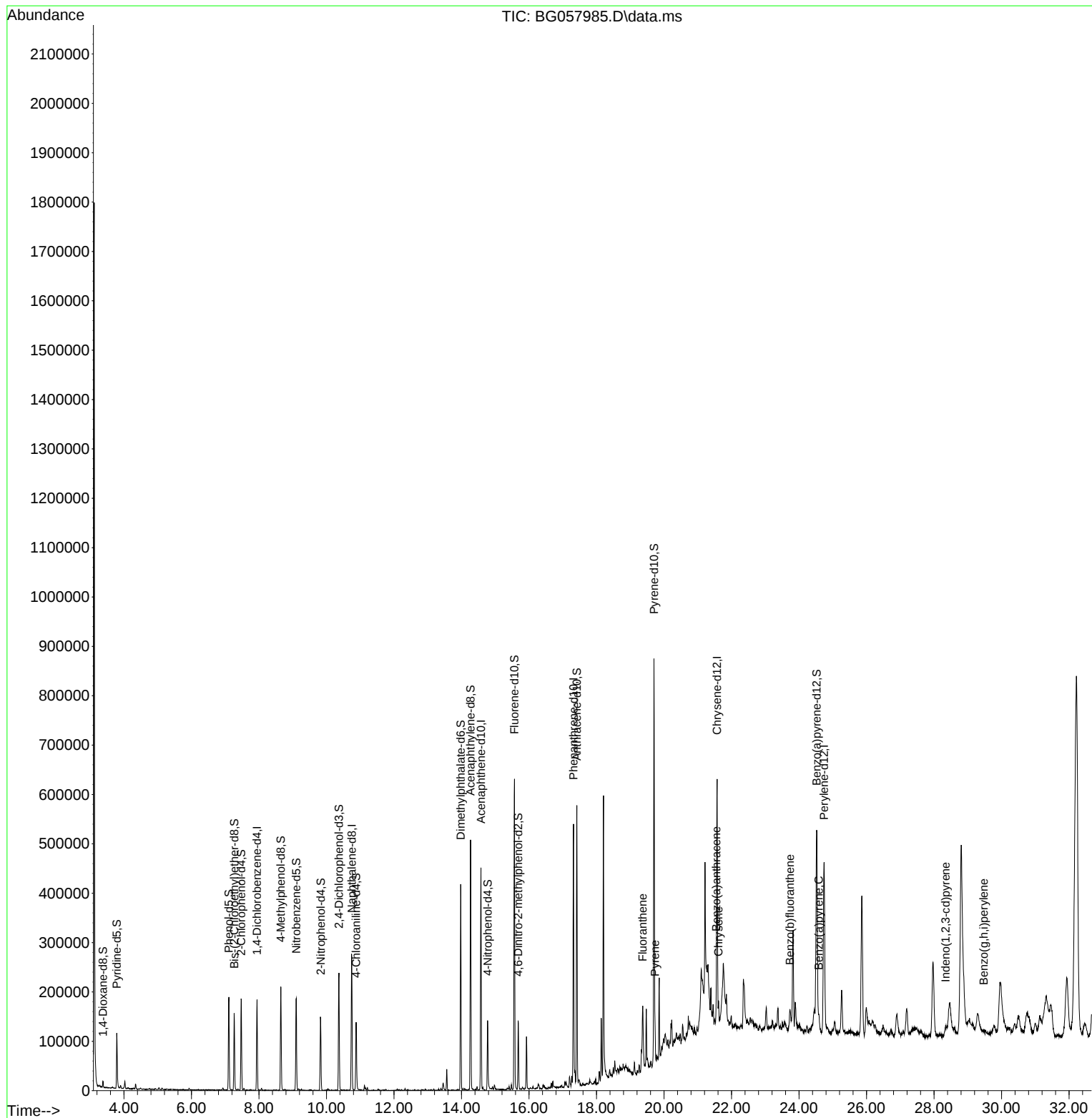
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
Data File : BG057985.D
Acq On : 4 Jul 2023 12:38
Operator : CG/JU
Sample : 03247-06
Misc :
ALS Vial : 42 Sample Multiplier: 1

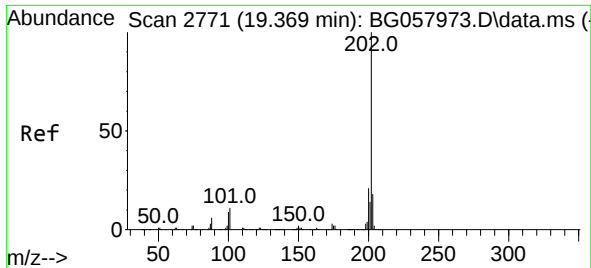
Instrument :
BNA_G
ClientSampleId :
DCGL2

Quant Time: Jul 05 00:45:49 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

Manual Integrations
APPROVED

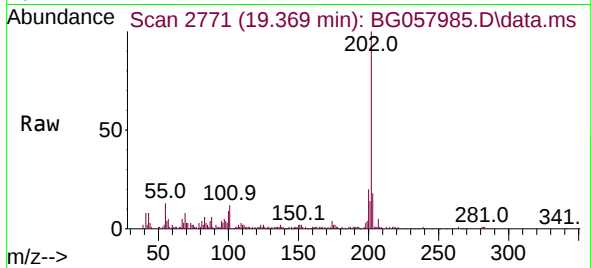
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023





#80
Fluoranthene
Concen: 2.658 ng/ul
RT: 19.369 min Scan# 2771
Delta R.T. 0.000 min
Lab File: BG057985.D
Acq: 4 Jul 2023 12:38

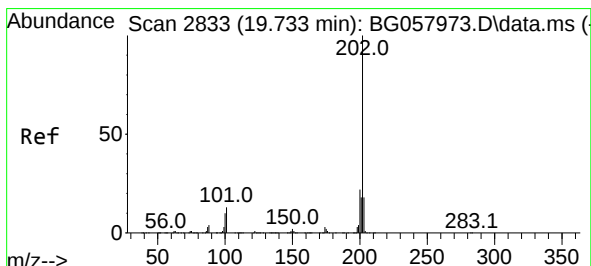
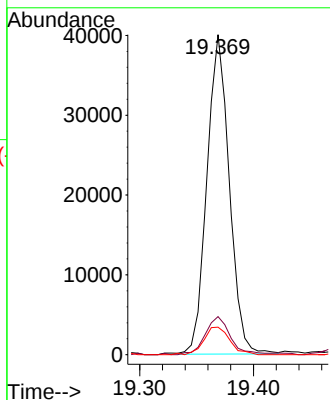
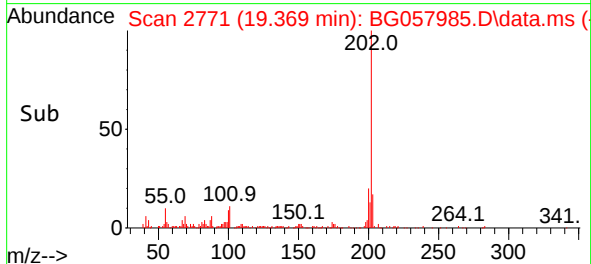
Instrument :
BNA_G
ClientSampleId :
DCGL2



Tgt Ion:202 Resp: 5475
Ion Ratio Lower Upper
202 100
101 11.9 9.1 13.7
100 8.6 7.1 10.7

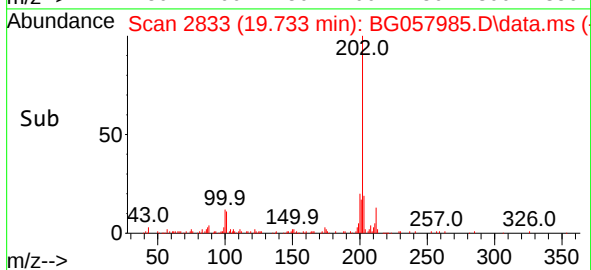
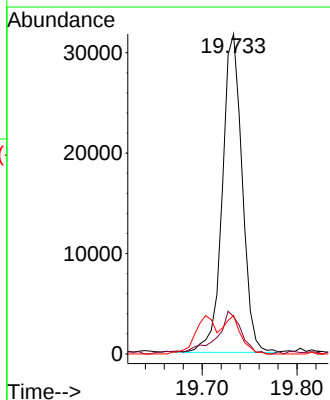
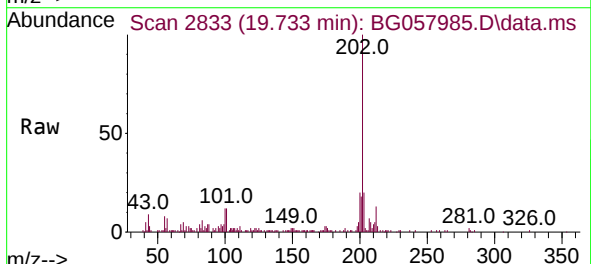
Manual Integrations
APPROVED

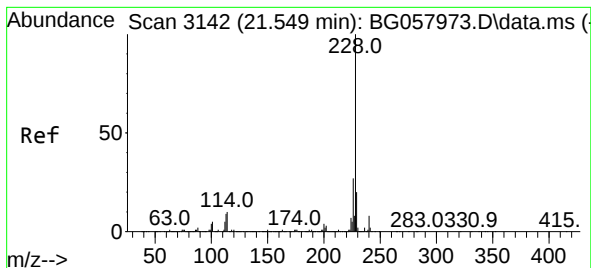
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#82
Pyrene
Concen: 2.223 ng/ul
RT: 19.733 min Scan# 2833
Delta R.T. 0.000 min
Lab File: BG057985.D
Acq: 4 Jul 2023 12:38

Tgt Ion:202 Resp: 46087
Ion Ratio Lower Upper
202 100
101 11.6 10.2 15.2
100 12.1 8.9 13.3





#85

Benzo(a)anthracene

Concen: 1.381 ng/uI

RT: 21.549 min Scan# 3142

Delta R.T. 0.000 min

Lab File: BG057985.D

Acq: 4 Jul 2023 12:38

Instrument :

BNA_G

ClientSampleId :

DCGL2

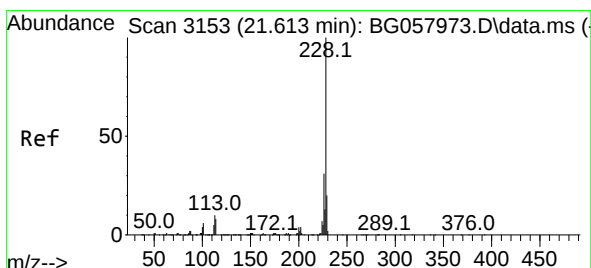
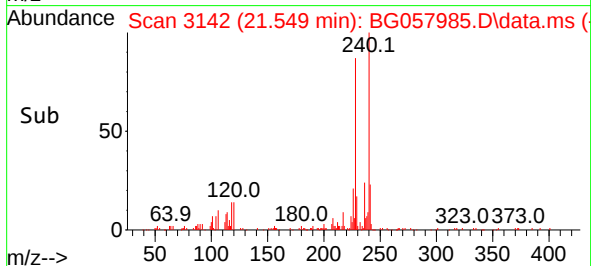
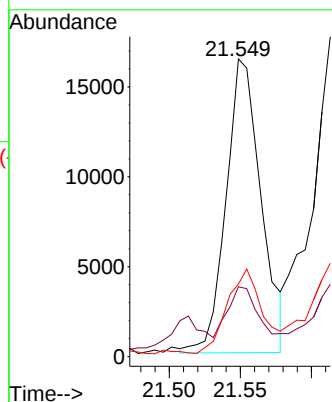
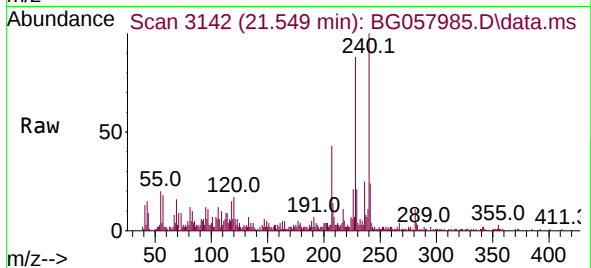
Tgt Ion:	228	Resp:	2797
Ion Ratio	Lower	Upper	
228	100		
229	23.5	16.0	24.0
226	24.4	22.0	33.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/05/2023

Supervised By :mohammad ahmed 07/05/2023



#87

Chrysene

Concen: 1.728 ng/uI

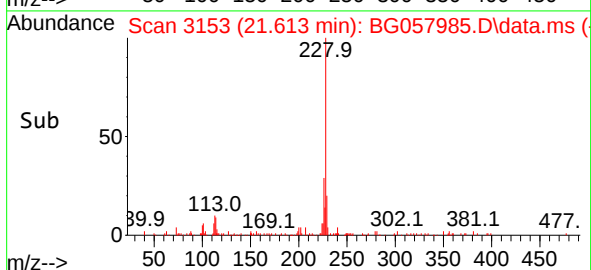
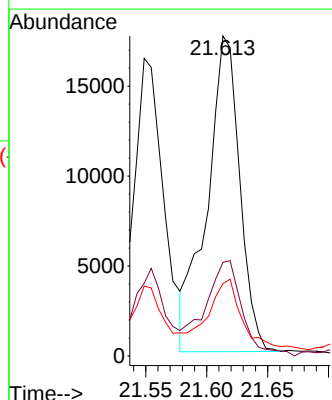
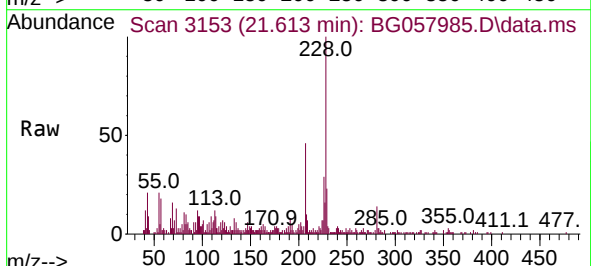
RT: 21.613 min Scan# 3153

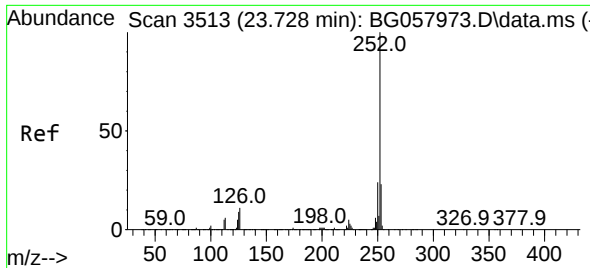
Delta R.T. 0.000 min

Lab File: BG057985.D

Acq: 4 Jul 2023 12:38

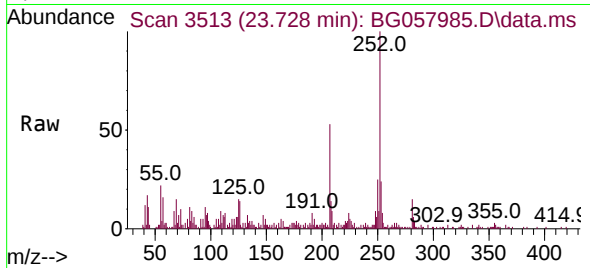
Tgt Ion:	228	Resp:	32835
Ion Ratio	Lower	Upper	
228	100		
226	29.2	24.4	36.6
229	22.6	15.5	23.3





#90
Benzo(b)fluoranthene
Concen: 2.598 ng/u1
RT: 23.728 min Scan# 3513
Delta R.T. 0.000 min
Lab File: BG057985.D
Acq: 4 Jul 2023 12:38

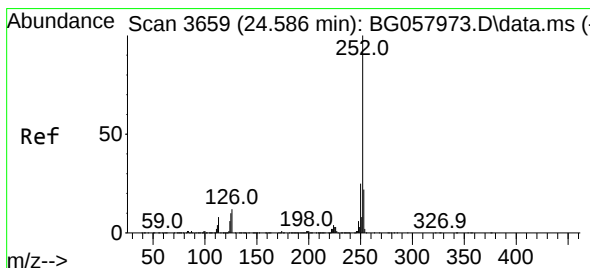
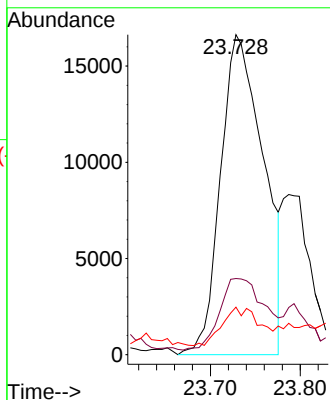
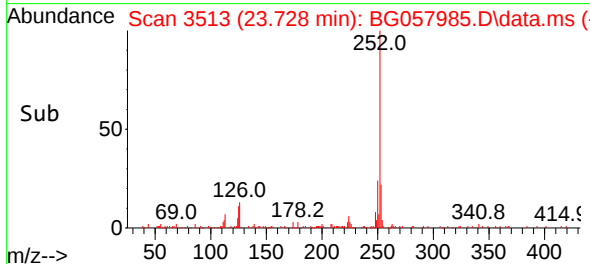
Instrument :
BNA_G
ClientSampleId :
DCGL2



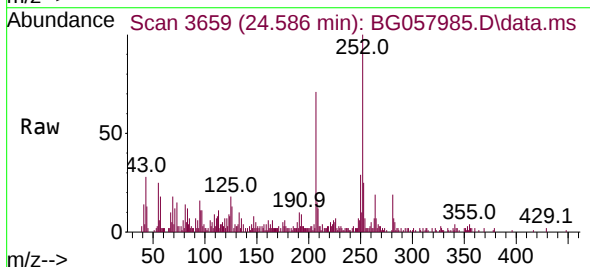
Tgt Ion:252 Resp: 55144
Ion Ratio Lower Upper
252 100
253 23.8 18.1 27.1
125 14.9 7.5 11.3

Manual Integrations
APPROVED

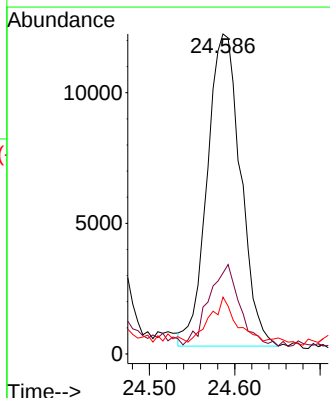
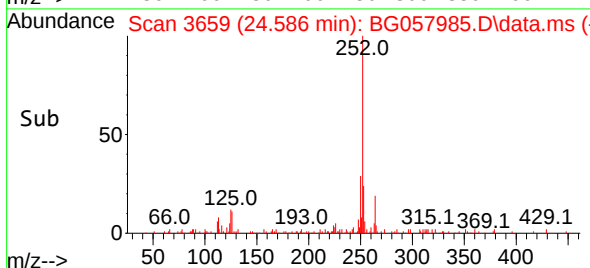
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023

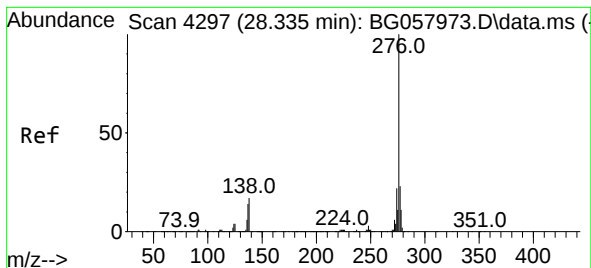


#93
Benzo(a)pyrene
Concen: 1.734 ng/u1
RT: 24.586 min Scan# 3659
Delta R.T. 0.000 min
Lab File: BG057985.D
Acq: 4 Jul 2023 12:38



Tgt Ion:252 Resp: 32576
Ion Ratio Lower Upper
252 100
253 25.3 17.8 26.6
125 17.8 8.3 12.5





#94

Indeno(1,2,3-cd)pyrene

Concen: 1.090 ng/ul m

RT: 28.341 min Scan# 4297

Delta R.T. 0.006 min

Lab File: BG057985.D

Acq: 4 Jul 2023 12:38

Instrument :

BNA_G

ClientSampleId :

DCGL2

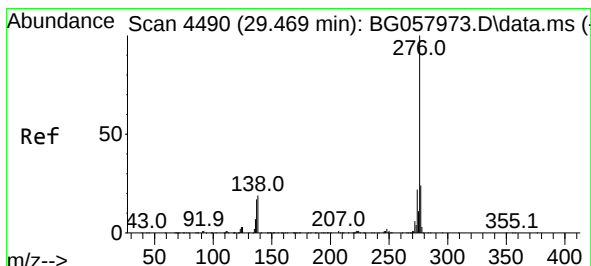
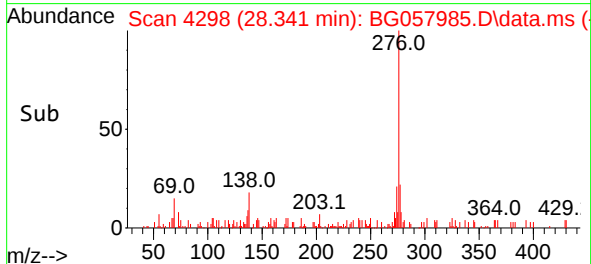
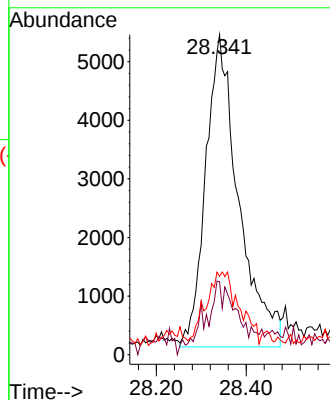
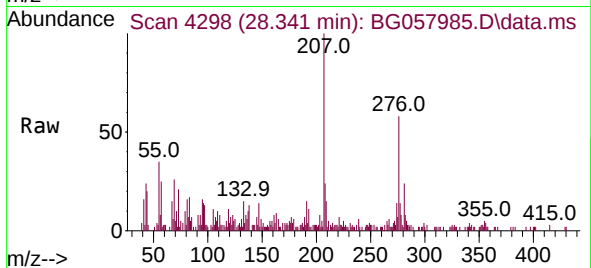
Tgt Ion:	276	Resp:	27180
Ion Ratio	Lower	Upper	
276	100		
138	22.8	14.0	21.0#
277	24.5	19.4	29.2#

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/05/2023

Supervised By :mohammad ahmed 07/05/2023



#96

Benzo(g,h,i)perylene

Concen: 1.198 ng/ul m

RT: 29.475 min Scan# 4491

Delta R.T. 0.006 min

Lab File: BG057985.D

Acq: 4 Jul 2023 12:38

Tgt Ion:	276	Resp:	24398
Ion Ratio	Lower	Upper	
276	100		
138	29.0	14.2	21.2#
277	27.9	18.6	27.8#

