

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072523\
 Data File : BG058462.D
 Acq On : 26 Jul 2023 1:53
 Operator : CG/JU
 Sample : 03540-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4730

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/26/2023
 Supervised By :mohammad ahmed 07/26/2023

Quant Time: Jul 26 02:55:47 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 24 22:10:54 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.817	152	39878	20.000	ng/u1	0.00
20) Naphthalene-d8	10.613	136	170464	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.462	164	116835	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.206	188	295579	20.000	ng/u1	0.00
79) Chrysene-d12	21.448	240	266939	20.000	ng/u1	0.00
88) Perylene-d12	24.515	264	264734	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	2421	2.235	ng/uL	0.00
4) Pyridine-d5	3.651	84	30204	9.392	ng/u1	0.00
7) Phenol-d5	6.988	99	25560	6.757	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.147	67	25029	10.586	ng/u1	0.00
11) 2-Chlorophenol-d4	7.347	132	22570	8.523	ng/u1	0.00
15) 4-Methylphenol-d8	8.539	113	719	0.249	ng/u1	0.01
21) Nitrobenzene-d5	8.980	128	12804	10.021	ng/u1	0.00
24) 2-Nitrophenol-d4	9.703	143	14637	10.493	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.243	165	14021	5.243	ng/u1	0.00
31) 4-Chloroaniline-d4	10.778	131	3088m	0.797	ng/u1	0.02
46) Dimethylphthalate-d6	13.868	166	98253	10.906	ng/u1	0.00
49) Acenaphthylene-d8	14.156	160	101435	10.743	ng/u1	0.00
54) 4-Nitrophenol-d4	14.703	143	5442m	4.000	ng/u1	0.02
60) Fluorene-d10	15.455	176	92581	12.412	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.584	200	4320	2.869	ng/u1	0.00
73) Anthracene-d10	17.306	188	85191	6.670	ng/u1	0.00
81) Pyrene-d10	19.597	212	170692	10.826	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.303	264	75885	5.931	ng/u1	0.00
Target Compounds					Qvalue	
16) Acetophenone	8.639	105	12464	2.536	ng/u1	93
72) Phenanthrene	17.247	178	49136	3.498	ng/u1	99
80) Fluoranthene	19.262	202	83511	4.624	ng/u1	99
82) Pyrene	19.626	202	56008	3.060	ng/u1	98
85) Benzo(a)anthracene	21.430	228	35291	1.967	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.336	149	22820	2.226	ng/u1	98
87) Chrysene	21.489	228	35446	2.083	ng/u1	97
90) Benzo(b)fluoranthene	23.539	252	42590	2.781	ng/u1#	95
91) Benzo(k)fluoranthene	23.598	252	18385m	1.203	ng/u1	

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

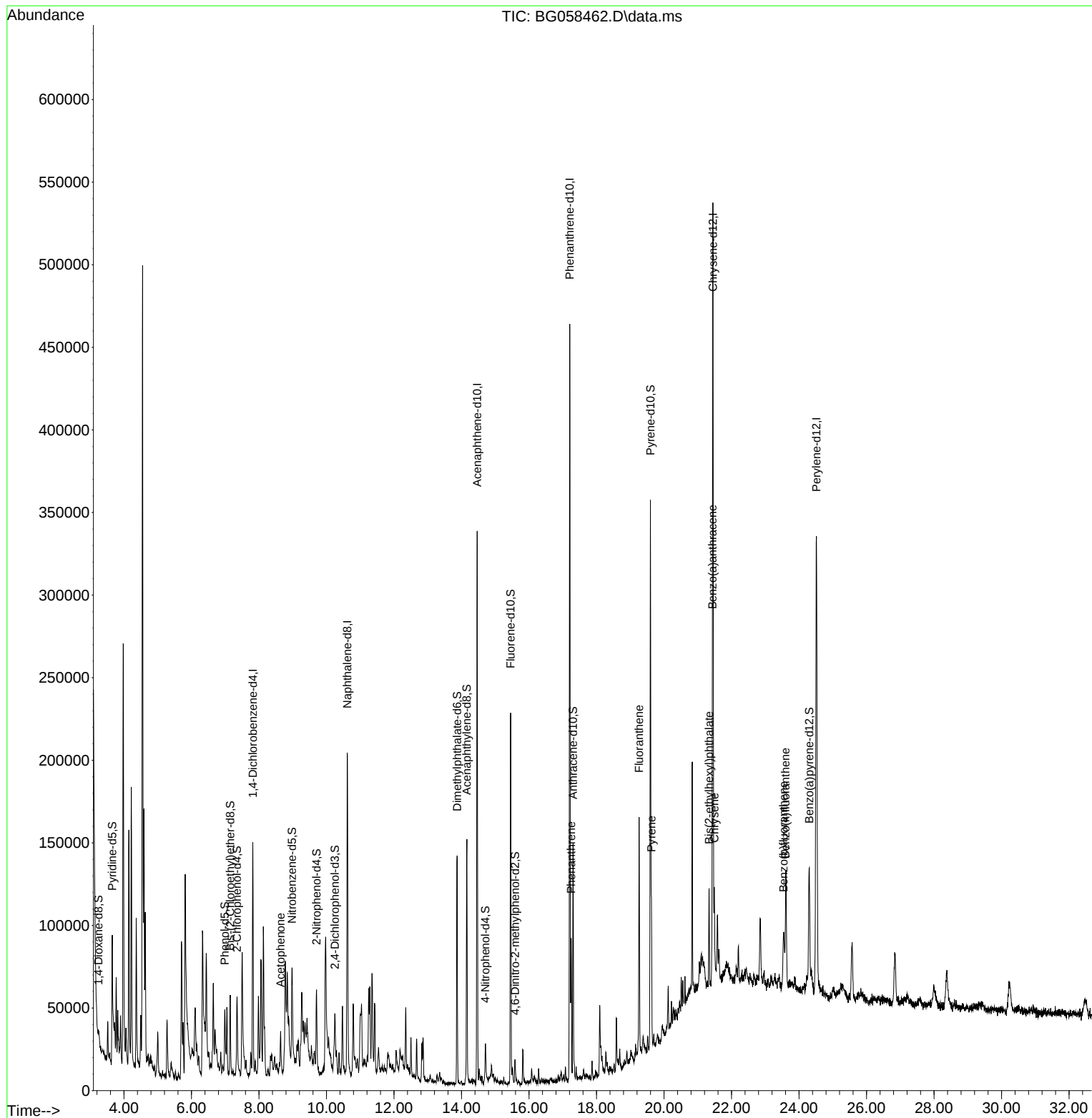
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072523\
Data File : BG058462.D
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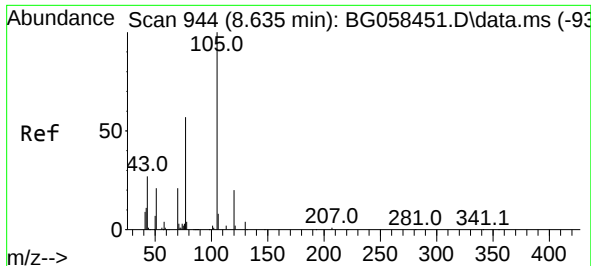
Instrument :
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Quant Title : SVOA CALIBRATION
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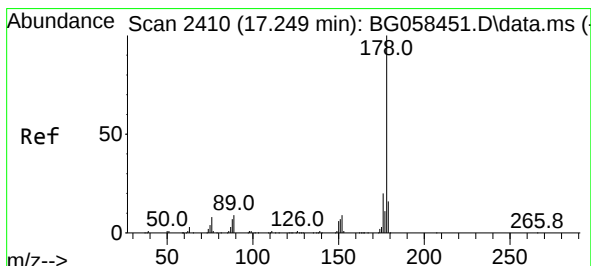
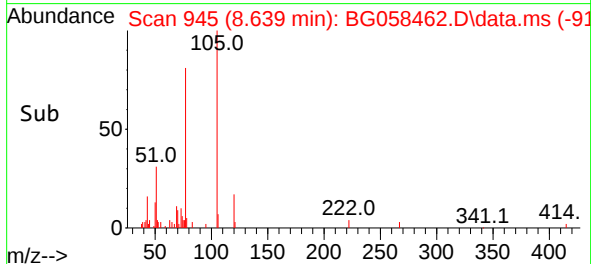
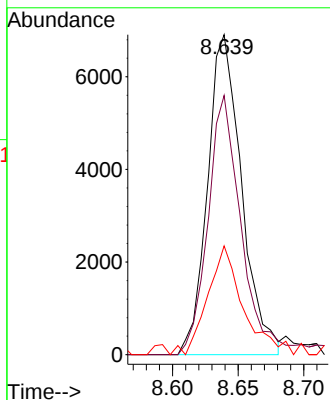
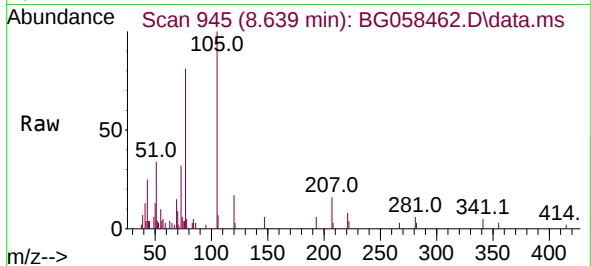
#16
Acetophenone
Concen: 2.536 ng/ul
RT: 8.639 min Scan# 944
Delta R.T. -0.001 min
Lab File: BG058462.D
Acq: 26 Jul 2023 1:53

Instrument :
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Tgt Ion:105 Resp: 12464
Ion Ratio Lower Upper
105 100
77 81.0 60.7 91.1
51 34.0 23.5 35.3

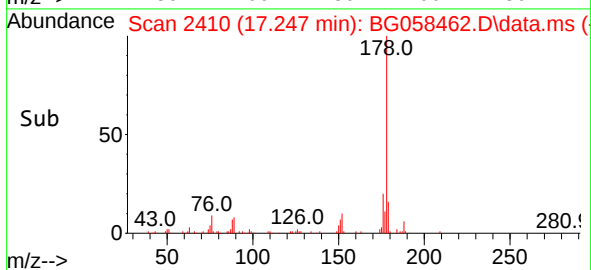
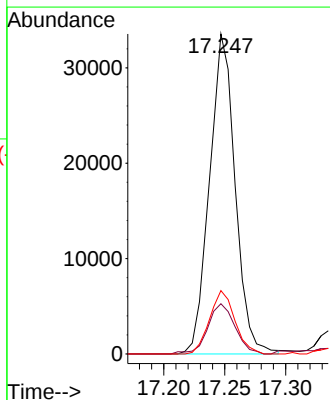
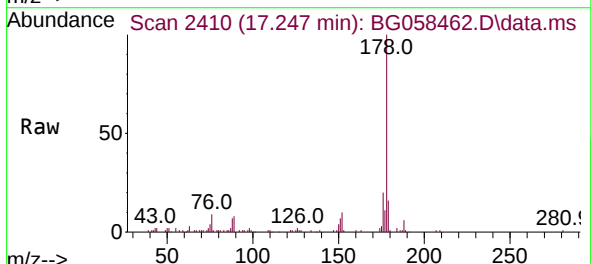
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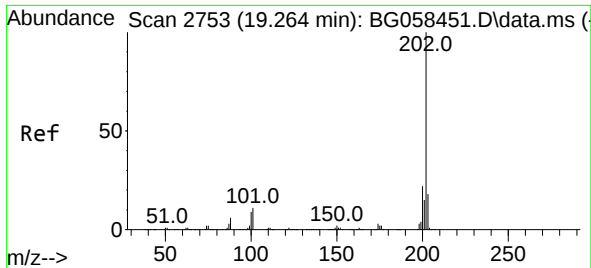
Reviewed By :Yogesh Patel 07/26/2023
Supervised By :mohammad ahmed 07/26/2023



#72
Phenanthrene
Concen: 3.498 ng/ul
RT: 17.247 min Scan# 2410
Delta R.T. -0.007 min
Lab File: BG058462.D
Acq: 26 Jul 2023 1:53

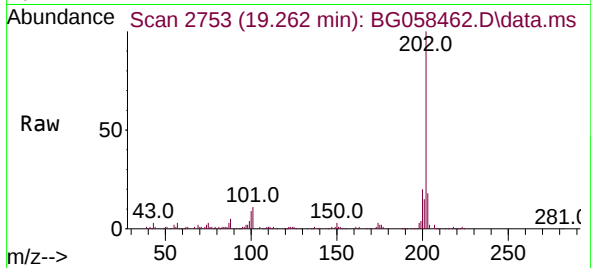
Tgt Ion:178 Resp: 49136
Ion Ratio Lower Upper
178 100
179 15.7 11.9 17.9
176 19.8 15.8 23.8





#80
Fluoranthene
Concen: 4.624 ng/u1
RT: 19.262 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG058462.D
Acq: 26 Jul 2023 1:53

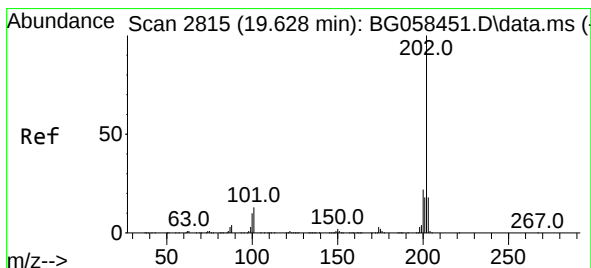
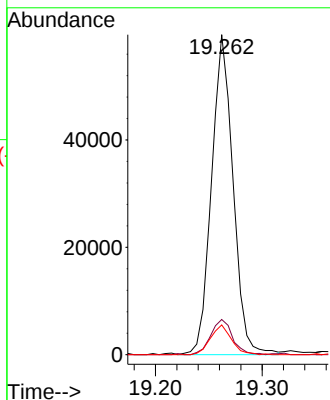
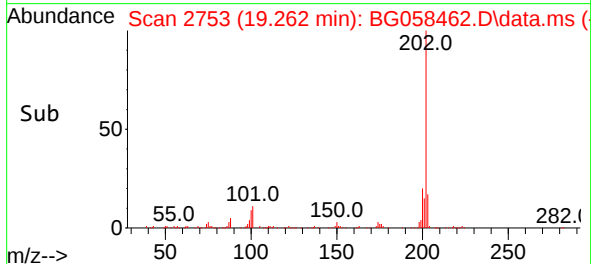
Instrument :
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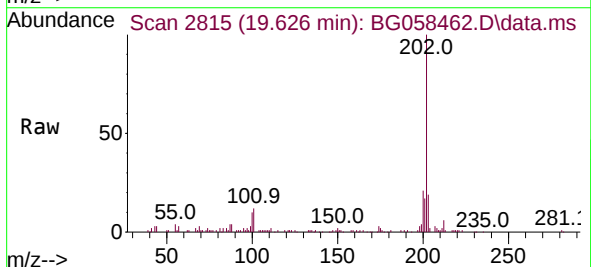
Tgt Ion:202 Resp: 8351
Ion Ratio Lower Upper
202 100
101 11.0 8.6 12.8
100 9.3 7.2 10.8

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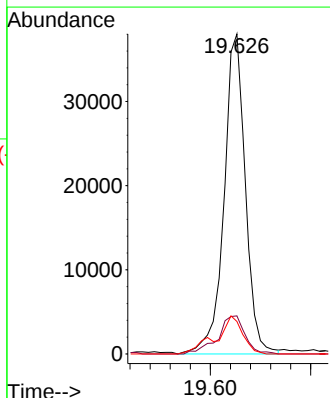
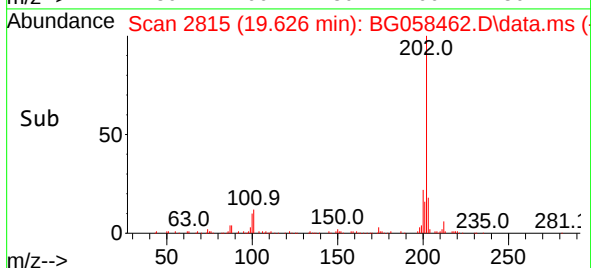
Reviewed By :Yogesh Patel 07/26/2023
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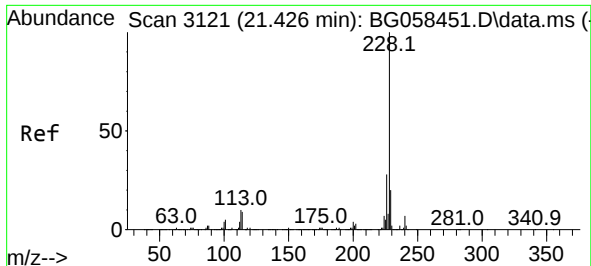


#82
Pyrene
Concen: 3.060 ng/u1
RT: 19.626 min Scan# 2815
Delta R.T. -0.001 min
Lab File: BG058462.D
Acq: 26 Jul 2023 1:53



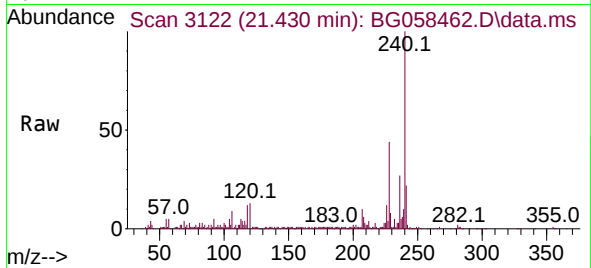
Tgt Ion:202 Resp: 56008
Ion Ratio Lower Upper
202 100
101 11.9 10.2 15.2
100 10.2 8.9 13.3





#85
Benzo(a)anthracene
Concen: 1.967 ng/ul
RT: 21.430 min Scan# 3121
Delta R.T. -0.001 min
Lab File: BG058462.D
Acq: 26 Jul 2023 1:53

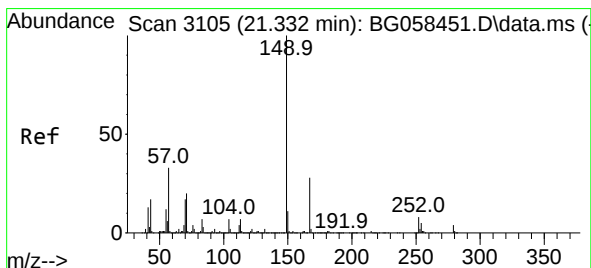
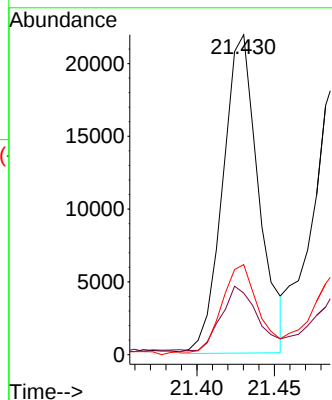
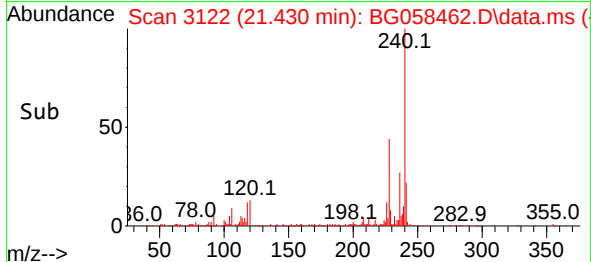
Instrument :
BNA_G
ClientSampleId :
A4730



Tgt Ion:228 Resp: 3529
Ion Ratio Lower Upper
228 100
229 19.3 15.7 23.5
226 28.2 21.8 32.8

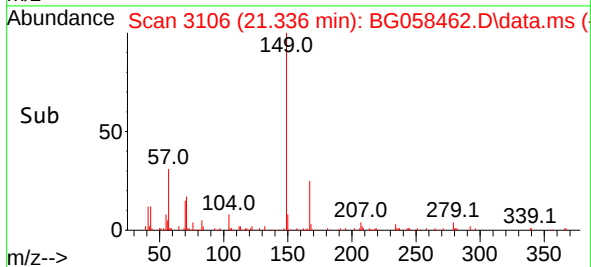
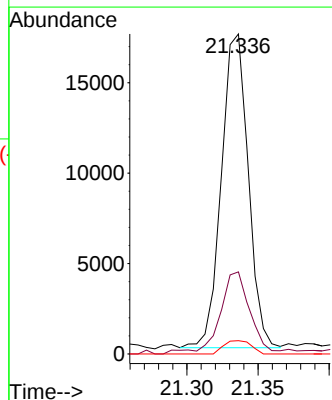
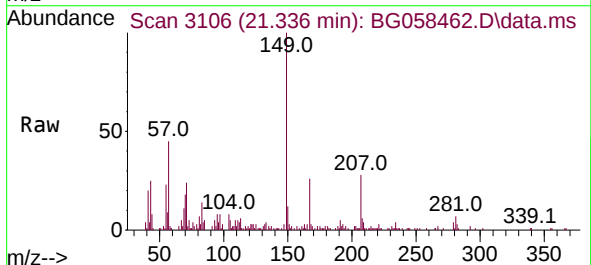
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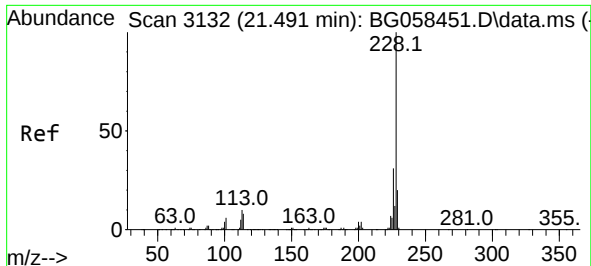
Reviewed By :Yogesh Patel 07/26/2023
Supervised By :mohammad ahmed 07/26/2023



#86
Bis(2-ethylhexyl)phthalate
Concen: 2.226 ng/ul
RT: 21.336 min Scan# 3106
Delta R.T. -0.001 min
Lab File: BG058462.D
Acq: 26 Jul 2023 1:53

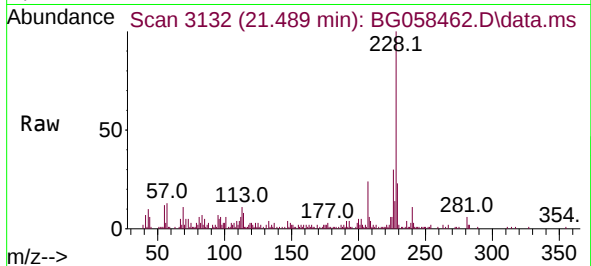
Tgt Ion:149 Resp: 22820
Ion Ratio Lower Upper
149 100
167 25.6 21.6 32.4
279 4.1 3.0 4.4





#87
Chrysene
Concen: 2.083 ng/ul
RT: 21.489 min Scan# 3132
Delta R.T. -0.007 min
Lab File: BG058462.D
Acq: 26 Jul 2023 1:53

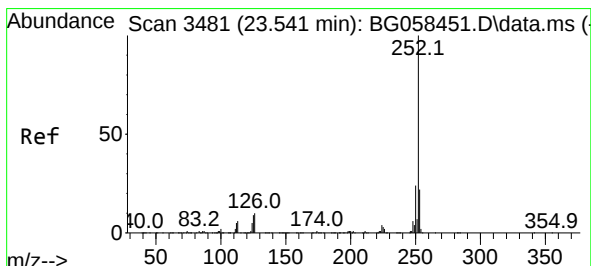
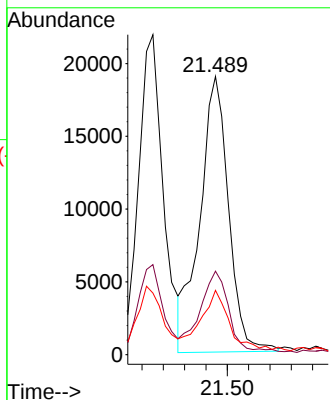
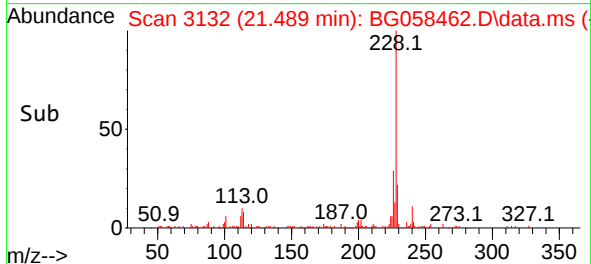
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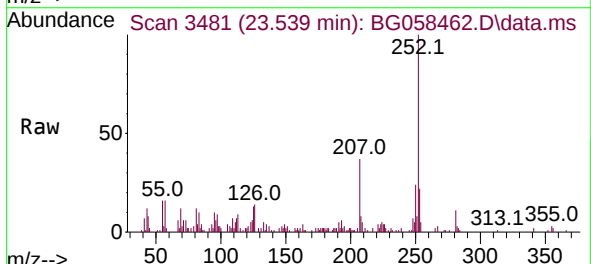
Tgt Ion:228 Resp: 35440
Ion Ratio Lower Upper
228 100
226 30.0 24.0 36.0
229 23.1 15.8 23.8

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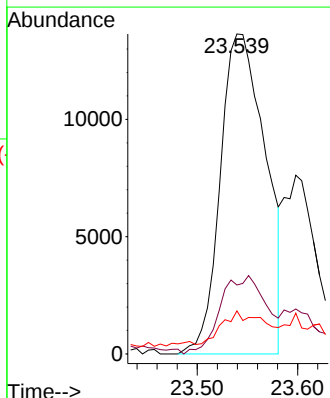
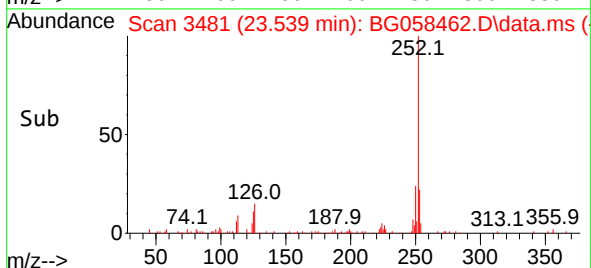
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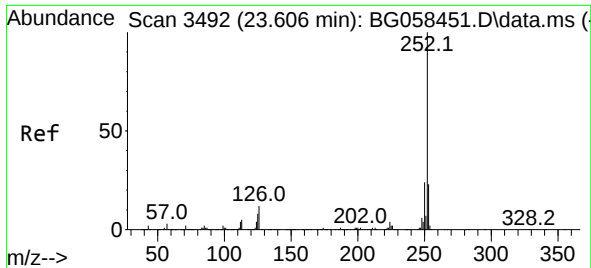


#90
Benzo(b)fluoranthene
Concen: 2.781 ng/ul
RT: 23.539 min Scan# 3481
Delta R.T. -0.007 min
Lab File: BG058462.D
Acq: 26 Jul 2023 1:53



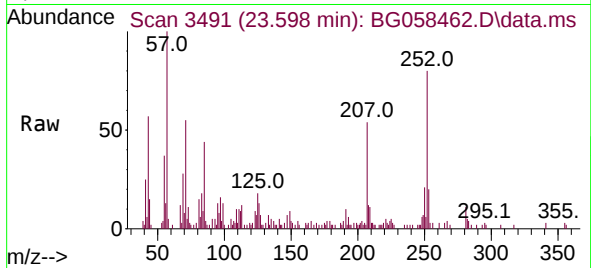
Tgt Ion:252 Resp: 42590
Ion Ratio Lower Upper
252 100
253 21.6 17.9 26.9
125 13.4 6.7 10.1#





#91
Benzo(k)fluoranthene
Concen: 1.203 ng/ul m
RT: 23.598 min Scan# 34
Delta R.T. -0.013 min
Lab File: BG058462.D
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Instrument :
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Tgt Ion:252 Resp: 1838
Ion Ratio Lower Upper
252 100
253 25.2 18.3 27.5
125 22.9 7.4 11.0

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