

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072123\
 Data File : BG058394.D
 Acq On : 21 Jul 2023 19:27
 Operator : CG/JU
 Sample : 03504-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A46W7

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/22/2023
 Supervised By :mohammad ahmed 07/22/2023

Quant Time: Jul 22 01:54:58 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 18 02:19:39 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.896	152	51016	20.000	ng/ul	0.00
20) Naphthalene-d8	10.699	136	215634	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.535	164	144642	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.279	188	313145	20.000	ng/ul	0.00
79) Chrysene-d12	21.527	240	253737	20.000	ng/ul	0.00
88) Perylene-d12	24.665	264	299970	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.343	96	2121	1.530	ng/uL	0.00
4) Pyridine-d5	3.748	84	44875	10.908	ng/ul	0.00
7) Phenol-d5	7.062	99	20719	4.281	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.221	67	27544	9.106	ng/ul	0.00
11) 2-Chlorophenol-d4	7.432	132	17979	5.307	ng/ul	0.00
15) 4-Methylphenol-d8	8.607	113	883	0.239	ng/ul	0.00
21) Nitrobenzene-d5	9.060	128	15242	9.430	ng/ul	0.00
24) 2-Nitrophenol-d4	9.776	143	16748	9.491	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.323	165	8630	2.551	ng/ul	0.00
31) 4-Chloroaniline-d4	10.846	131	641m	0.131	ng/ul	0.00
46) Dimethylphthalate-d6	13.936	166	101388	9.090	ng/ul	0.00
49) Acenaphthylene-d8	14.224	160	106246	9.090	ng/ul	0.00
54) 4-Nitrophenol-d4	14.747	143	8238m	4.891	ng/ul	0.00
60) Fluorene-d10	15.523	176	90796	9.832	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.646	200	3210	2.012	ng/ul	0.00
73) Anthracene-d10	17.373	188	75462	5.577	ng/ul	0.00
81) Pyrene-d10	19.665	212	123504	8.241	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.442	264	40055	2.763	ng/ul	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	8.719	105	7824	1.245	ng/ul	97
72) Phenanthrene	17.320	178	30924	2.078	ng/ul	95
80) Fluoranthene	19.336	202	67240	3.916	ng/ul	99
82) Pyrene	19.694	202	45551	2.618	ng/ul	98
85) Benzo(a)anthracene	21.510	228	25943m	1.521	ng/ul	
86) Bis(2-ethylhexyl)phtha...	21.410	149	19334	1.984	ng/ul#	99
87) Chrysene	21.574	228	28218	1.744	ng/ul	97
90) Benzo(b)fluoranthene	23.672	252	31703	1.827	ng/ul#	94

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

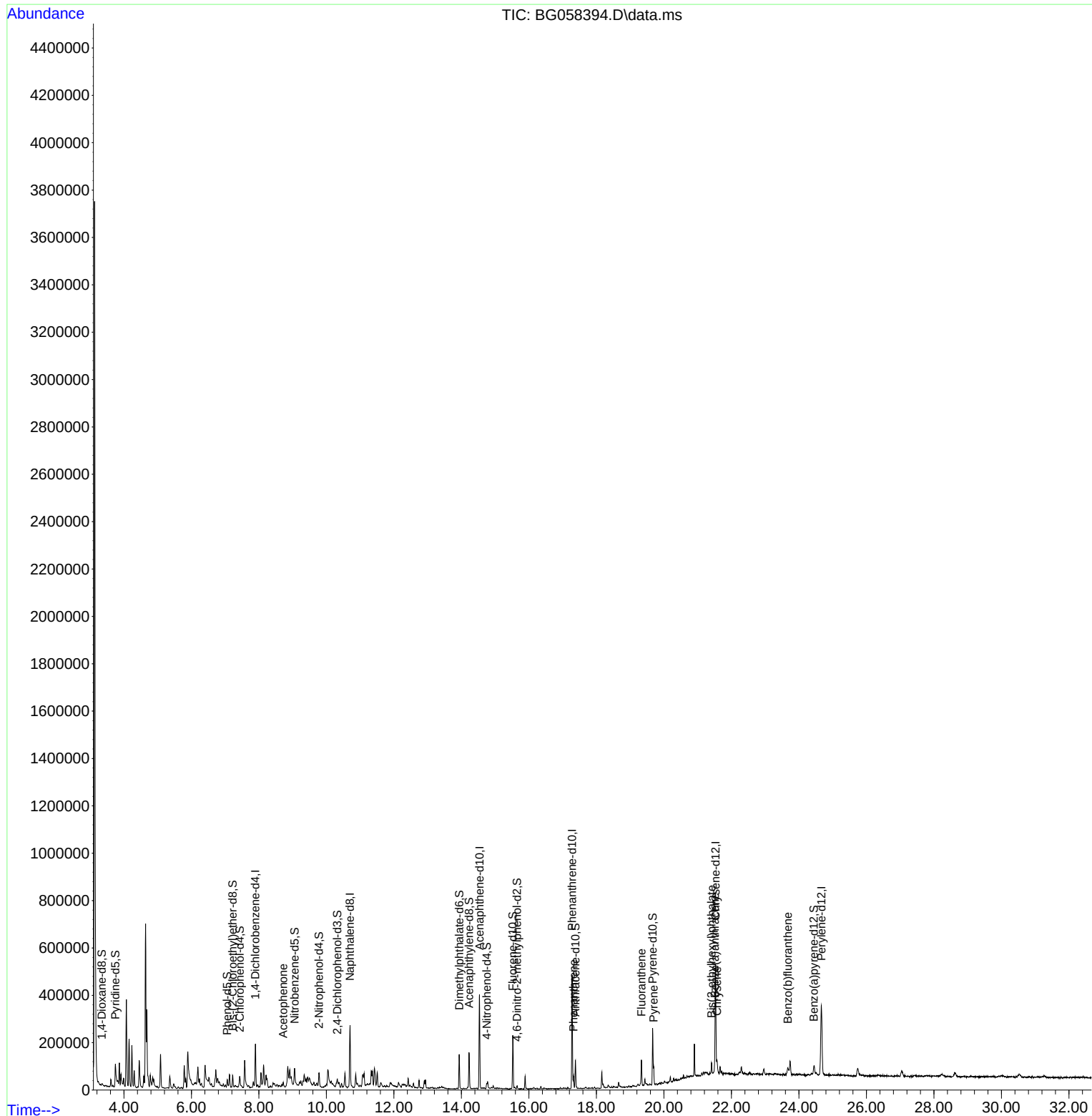
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072123\
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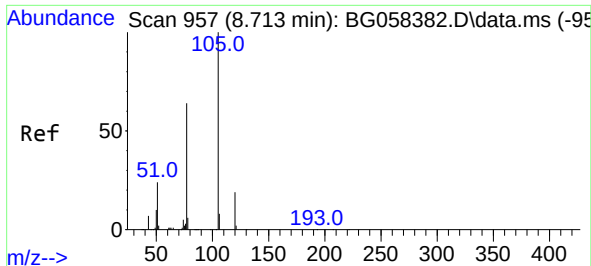
Instrument :
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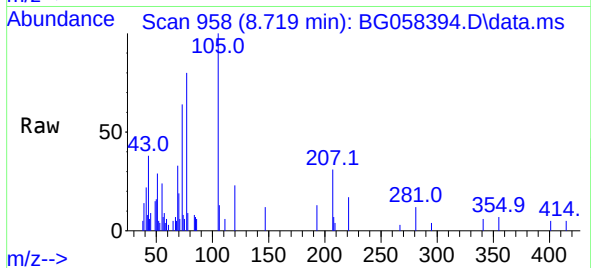
#16
Acetophenone
Concen: 1.245 ng/ul
RT: 8.719 min Scan# 91
Delta R.T. -0.003 min
Lab File: BG058394.D
Acq: 21 Jul 2023 19:27

Instrument :

BNA_G

ClientSampleId :

A46W7

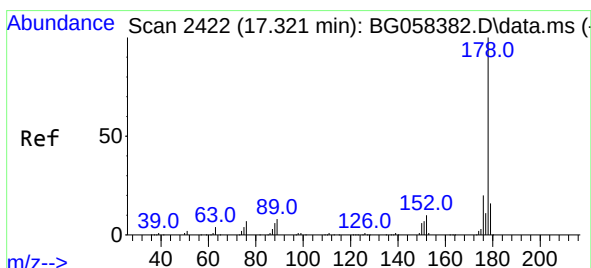
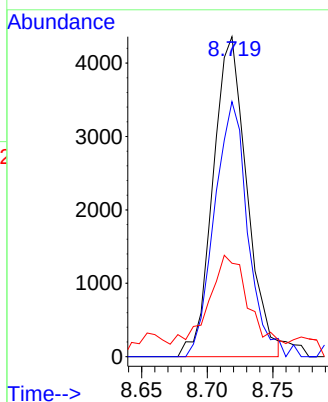
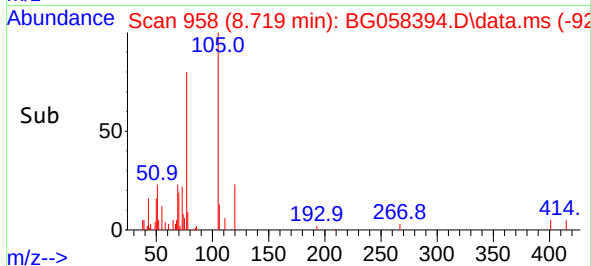


Tgt Ion:105 Resp: 7824
Ion Ratio Lower Upper
105 100
77 79.7 60.7 91.1
51 29.2 23.5 35.3

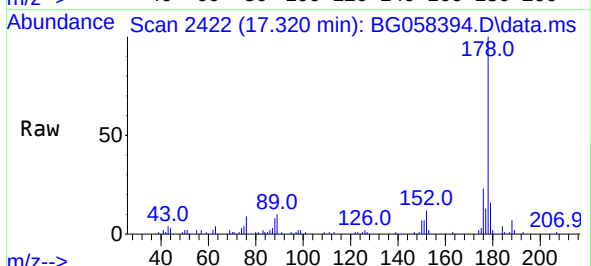
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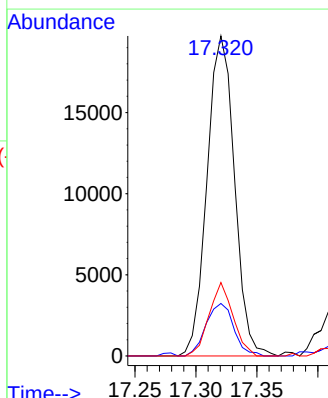
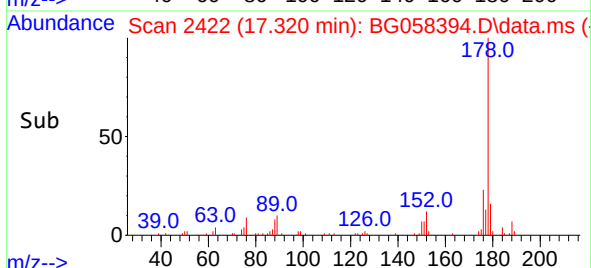
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Supervised By :mohammad ahmed 07/22/2023

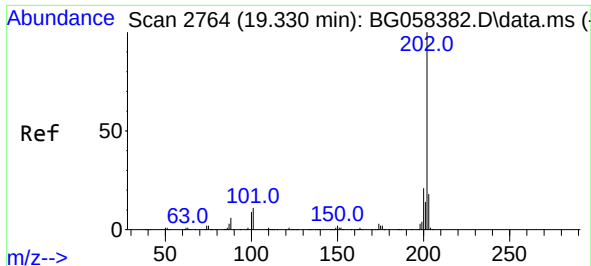


#72
Phenanthrene
Concen: 2.078 ng/ul
RT: 17.320 min Scan# 2422
Delta R.T. -0.003 min
Lab File: BG058394.D
Acq: 21 Jul 2023 19:27



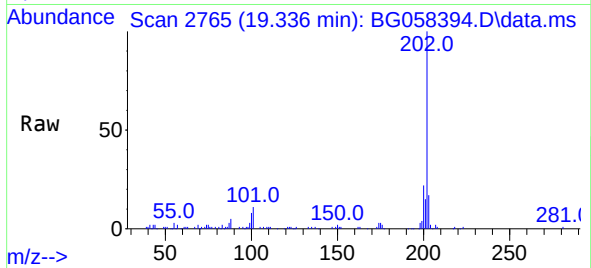
Tgt Ion:178 Resp: 30924
Ion Ratio Lower Upper
178 100
179 16.4 11.9 17.9
176 23.0 15.8 23.8





#80
Fluoranthene
Concen: 3.916 ng/u1
RT: 19.336 min Scan# 2764
Delta R.T. 0.003 min
Lab File: BG058394.D
Acq: 21 Jul 2023 19:27

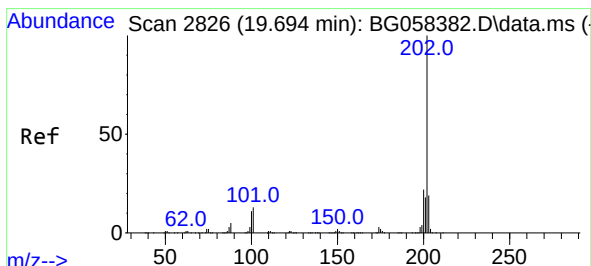
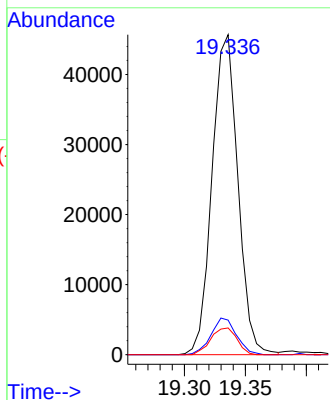
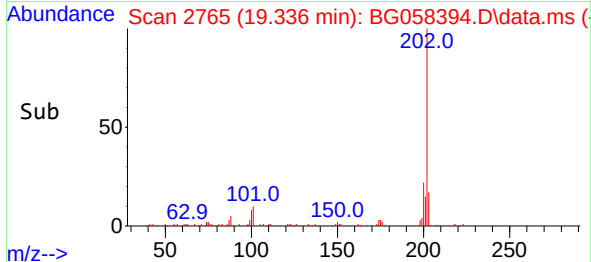
Instrument :
BNA_G
ClientSampleId :
A46W7



Tgt Ion:202 Resp: 67240
Ion Ratio Lower Upper
202 100
101 10.8 8.6 12.8
100 8.4 7.2 10.8

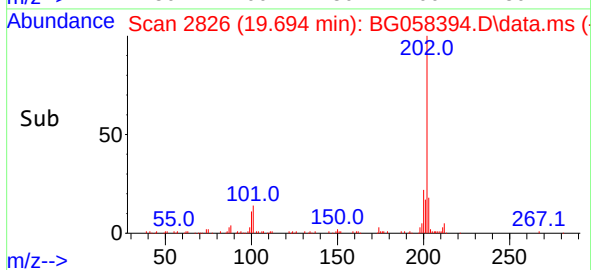
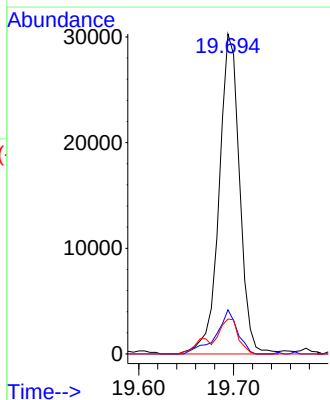
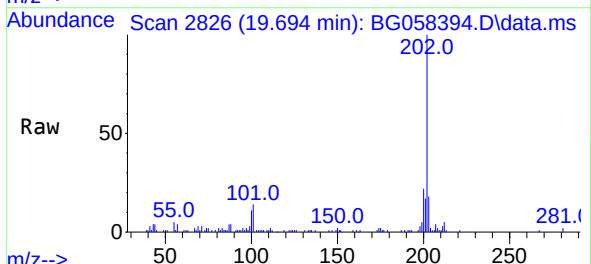
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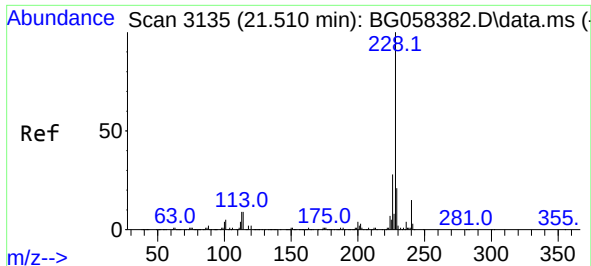
Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023



#82
Pyrene
Concen: 2.618 ng/u1
RT: 19.694 min Scan# 2826
Delta R.T. -0.003 min
Lab File: BG058394.D
Acq: 21 Jul 2023 19:27

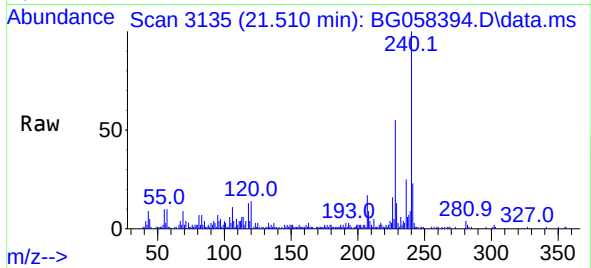
Tgt Ion:202 Resp: 45551
Ion Ratio Lower Upper
202 100
101 13.8 10.2 15.2
100 10.9 8.9 13.3





#85
Benzo(a)anthracene
Concen: 1.521 ng/ul m
RT: 21.510 min Scan# 3135
Delta R.T. -0.003 min
Lab File: BG058394.D
Acq: 21 Jul 2023 19:27

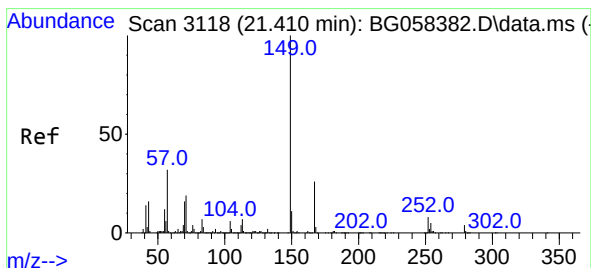
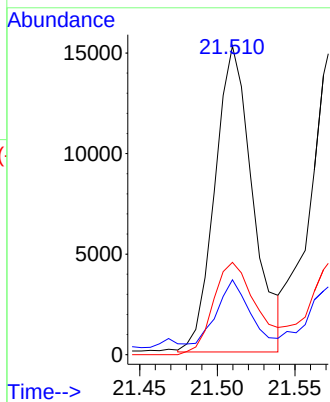
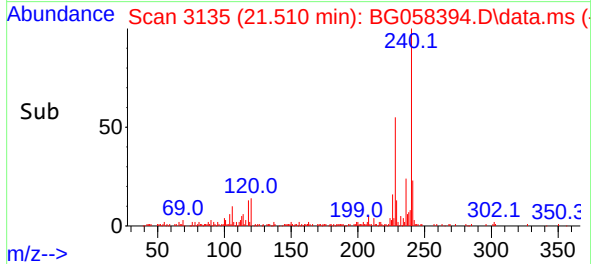
Instrument :
BNA_G
ClientSampleId :
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Tgt Ion:228 Resp: 2594
Ion Ratio Lower Upper
228 100
229 24.3 15.7 23.5
226 29.9 21.8 32.8

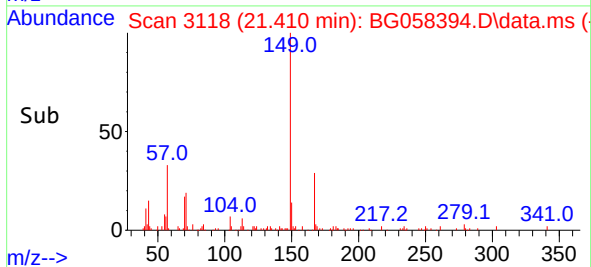
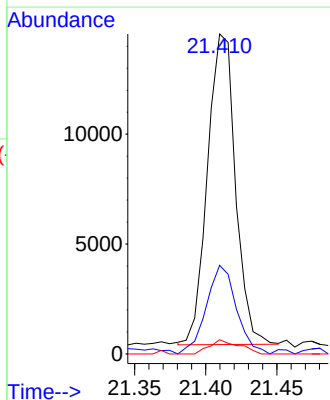
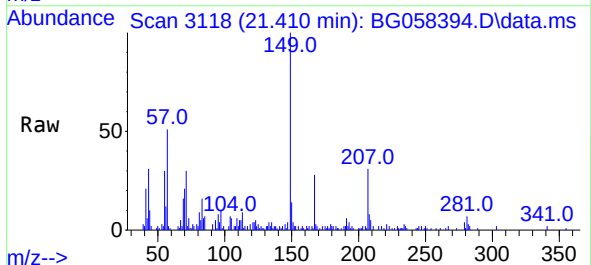
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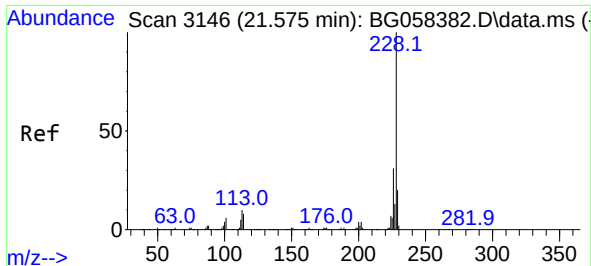
Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023



#86
Bis(2-ethylhexyl)phthalate
Concen: 1.984 ng/ul
RT: 21.410 min Scan# 3118
Delta R.T. -0.003 min
Lab File: BG058394.D
Acq: 21 Jul 2023 19:27

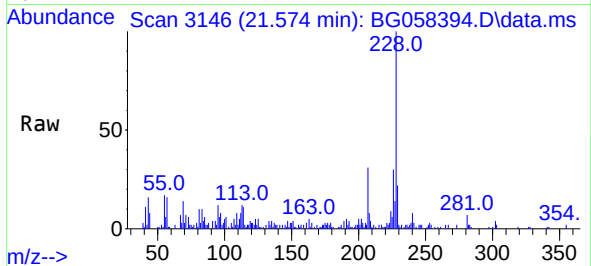
Tgt Ion:149 Resp: 19334
Ion Ratio Lower Upper
149 100
167 27.7 21.6 32.4
279 4.5 3.0 4.4#





#87
Chrysene
Concen: 1.744 ng/ul
RT: 21.574 min Scan# 3146
Delta R.T. -0.003 min
Lab File: BG058394.D
Acq: 21 Jul 2023 19:27

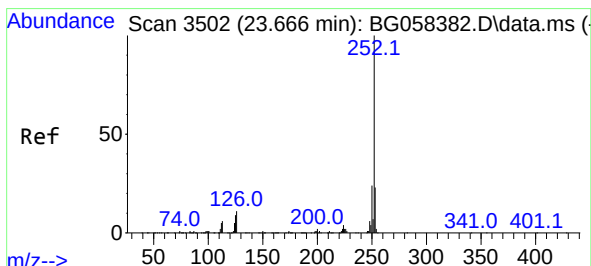
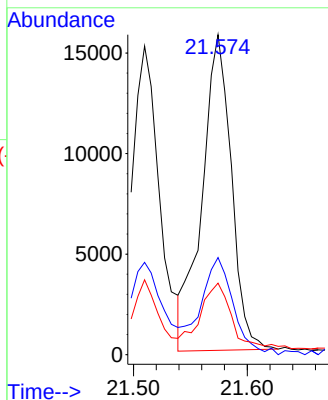
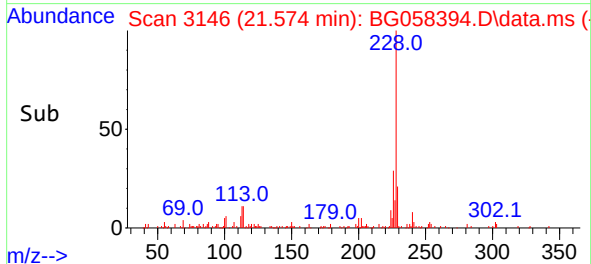
Instrument :
BNA_G
ClientSampleId :
A46W7



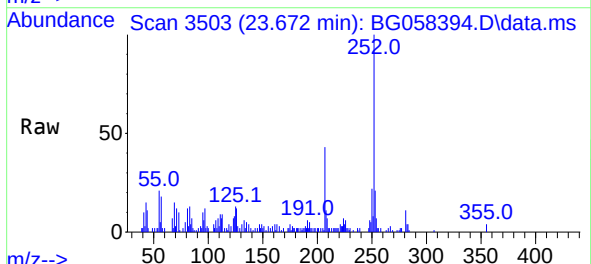
Tgt Ion:228 Resp: 28218
Ion Ratio Lower Upper
228 100
226 30.3 24.0 36.0
229 22.3 15.8 23.8

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Supervised By :mohammad ahmed 07/22/2023



#90
Benzo(b)fluoranthene
Concen: 1.827 ng/ul
RT: 23.672 min Scan# 3503
Delta R.T. 0.003 min
Lab File: BG058394.D
Acq: 21 Jul 2023 19:27



Tgt Ion:252 Resp: 31703
Ion Ratio Lower Upper
252 100
253 20.8 17.9 26.9
125 13.3 6.7 10.1#

