

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071823\
 Data File : BG058372.D
 Acq On : 20 Jul 2023 23:51
 Operator : CG/JU
 Sample : 03472-35
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A46S5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/21/2023
 Supervised By :mohammad ahmed 07/21/2023

Quant Time: Jul 21 00:37:04 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	7.894	152	36447	20.000	ng/u1	0.00
20) Naphthalene-d8	10.696	136	175842	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.533	164	130826	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.277	188	299616	20.000	ng/u1	0.00
79) Chrysene-d12	21.531	240	244308	20.000	ng/u1	0.00
88) Perylene-d12	24.662	264	273591	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	1045	1.055	ng/uL	0.00
4) Pyridine-d5	3.746	84	22834	7.769	ng/u1	0.00
7) Phenol-d5	7.059	99	21221	6.138	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.224	67	15753	7.290	ng/u1	0.00
11) 2-Chlorophenol-d4	7.429	132	13406	5.539	ng/u1	0.00
15) 4-Methylphenol-d8	8.610	113	735	0.279	ng/u1	0.00
21) Nitrobenzene-d5	9.057	128	9629	7.306	ng/u1	0.00
24) 2-Nitrophenol-d4	9.780	143	12306	8.552	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.326	165	11776m	4.269	ng/u1	0.00
31) 4-Chloroaniline-d4	10.849	131	162	0.041	ng/u1	0.01
46) Dimethylphthalate-d6	13.934	166	94064	9.324	ng/u1	0.00
49) Acenaphthylene-d8	14.227	160	91483	8.653	ng/u1	0.00
54) 4-Nitrophenol-d4	14.744	143	10315m	6.770	ng/u1	0.00
60) Fluorene-d10	15.526	176	89308	10.693	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.643	200	7868	5.154	ng/u1	0.00
73) Anthracene-d10	17.377	188	56207	4.342	ng/u1	0.00
81) Pyrene-d10	19.662	212	149681	10.373	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.445	264	38947	2.945	ng/u1	0.00
Target Compounds					Qvalue	
16) Acetophenone	8.716	105	12851	2.861	ng/u1	87
72) Phenanthrene	17.318	178	30048	2.110	ng/u1	100
80) Fluoranthene	19.333	202	56602	3.424	ng/u1	98
82) Pyrene	19.697	202	42538	2.540	ng/u1	97
85) Benzo(a)anthracene	21.507	228	22134	1.348	ng/u1	97
86) Bis(2-ethylhexyl)phtha...	21.407	149	37883	4.038	ng/u1	100
87) Chrysene	21.572	228	29429m	1.889	ng/u1	
90) Benzo(b)fluoranthene	23.663	252	36016	2.275	ng/u1#	93

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

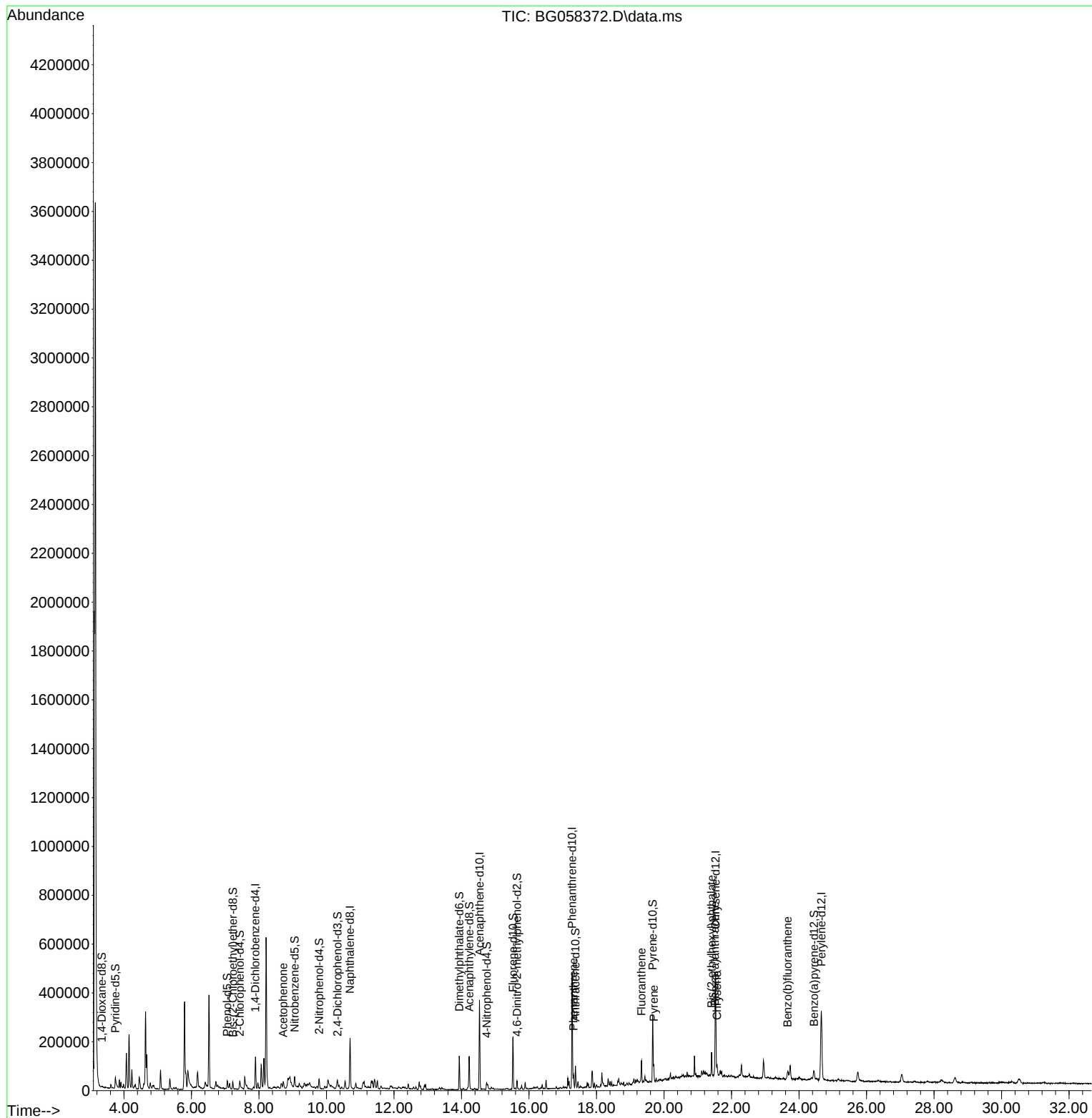
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071823\
Data File : BG058372.D
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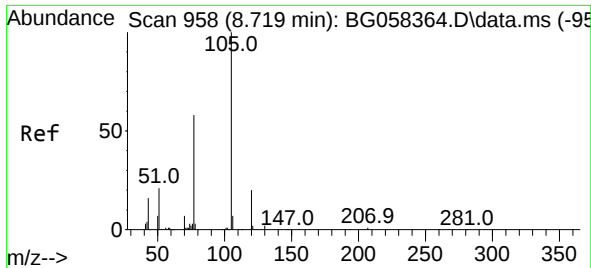
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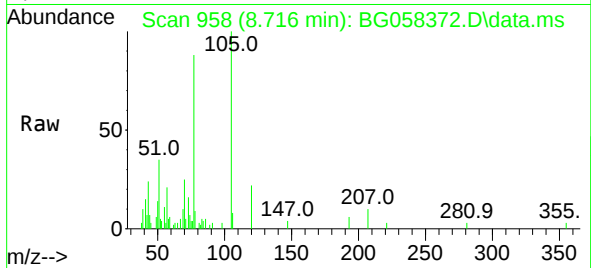
Quant Time: Jul 21 00:37:04 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 18 02:19:39 2023
Response via : Initial Calibration





#16
Acetophenone
Concen: 2.861 ng/ul
RT: 8.716 min Scan# 91
Delta R.T. -0.005 min
Lab File: BG058372.D
Acq: 20 Jul 2023 23:51

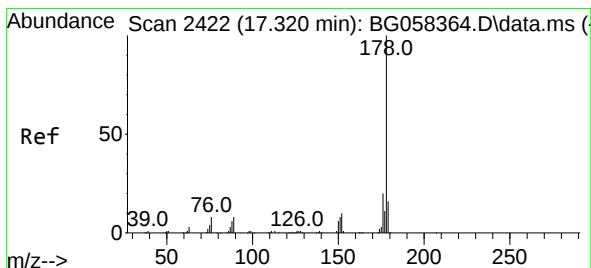
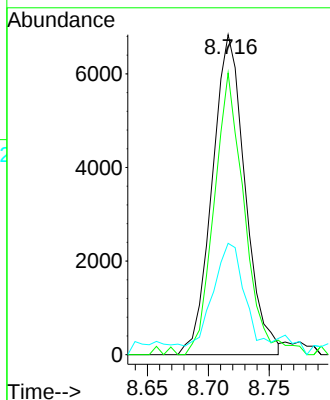
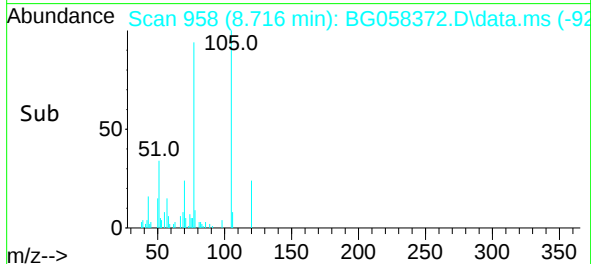
Instrument :
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Tgt Ion:105 Resp: 1285
Ion Ratio Lower Upper
105 100
77 88.0 60.7 91.1
51 34.8 23.5 35.3

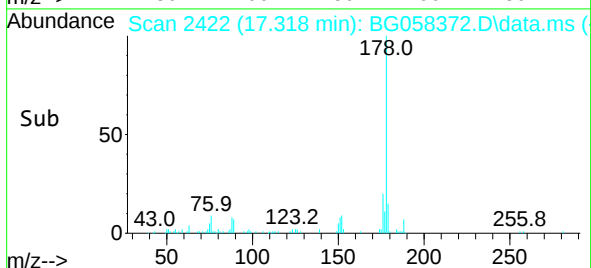
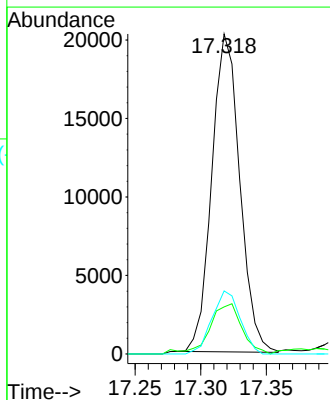
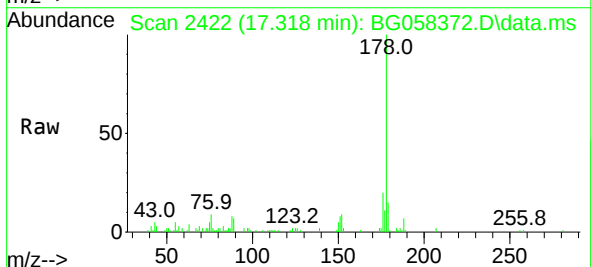
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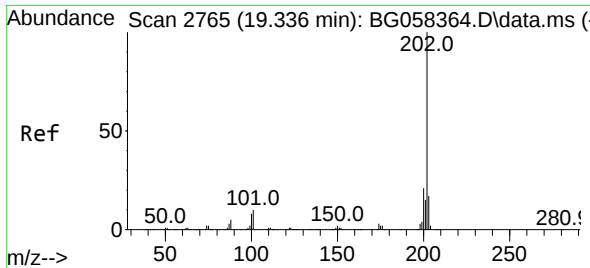
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023



#72
Phenanthrene
Concen: 2.110 ng/ul
RT: 17.318 min Scan# 2422
Delta R.T. -0.005 min
Lab File: BG058372.D
Acq: 20 Jul 2023 23:51

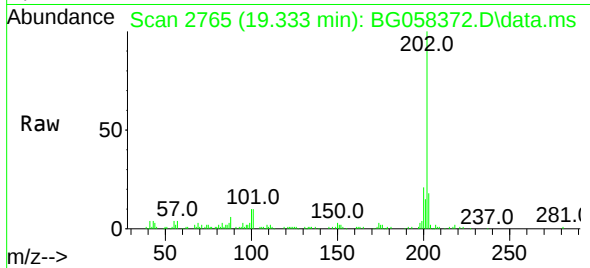
Tgt Ion:178 Resp: 30048
Ion Ratio Lower Upper
178 100
179 14.7 11.9 17.9
176 19.7 15.8 23.8





#80
Fluoranthene
Concen: 3.424 ng/u1
RT: 19.333 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG058372.D
Acq: 20 Jul 2023 23:51

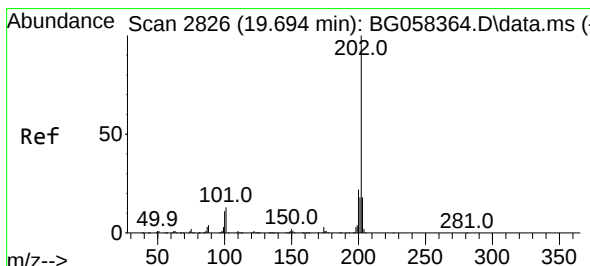
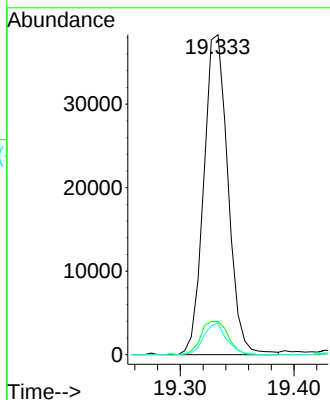
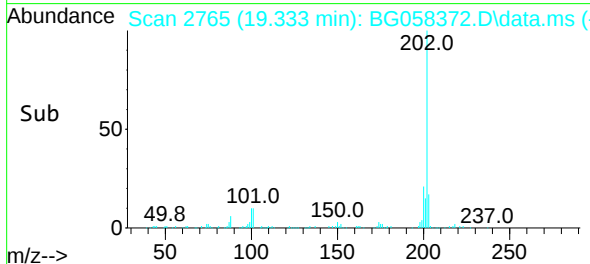
Instrument :
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ClientSampleId :
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Tgt Ion:202 Resp: 5660
Ion Ratio Lower Upper
202 100
101 10.4 8.6 12.8
100 10.0 7.2 10.8

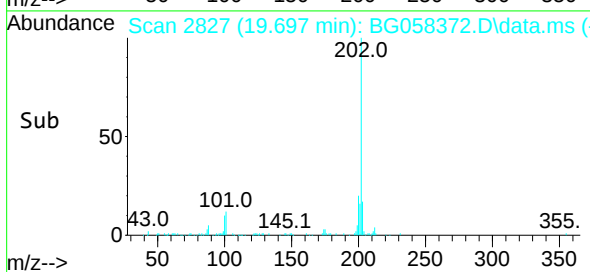
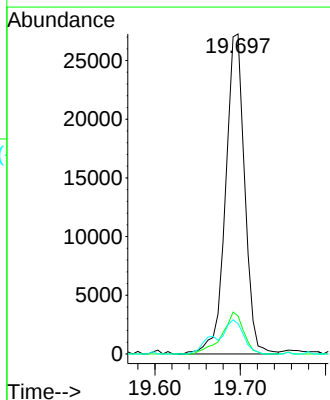
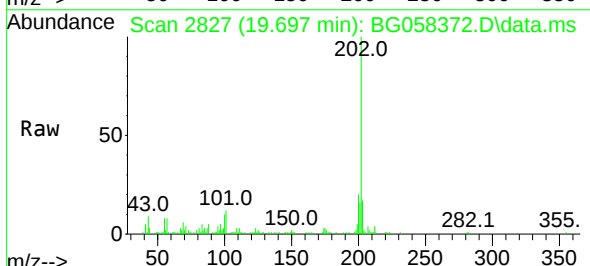
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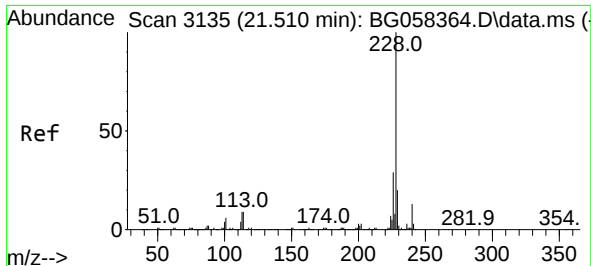
Reviewed By :Yogesh Patel 07/21/2023
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#82
Pyrene
Concen: 2.540 ng/u1
RT: 19.697 min Scan# 2827
Delta R.T. 0.001 min
Lab File: BG058372.D
Acq: 20 Jul 2023 23:51

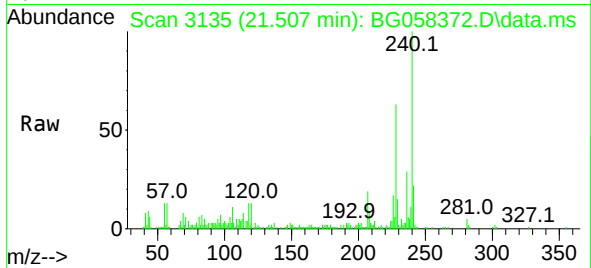
Tgt Ion:202 Resp: 42538
Ion Ratio Lower Upper
202 100
101 11.9 10.2 15.2
100 9.5 8.9 13.3





#85
Benzo(a)anthracene
Concen: 1.348 ng/ul
RT: 21.507 min Scan# 3113
Delta R.T. -0.005 min
Lab File: BG058372.D
Acq: 20 Jul 2023 23:51

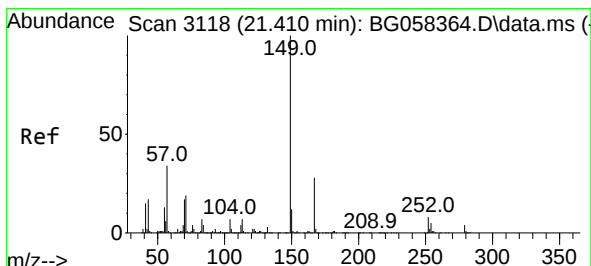
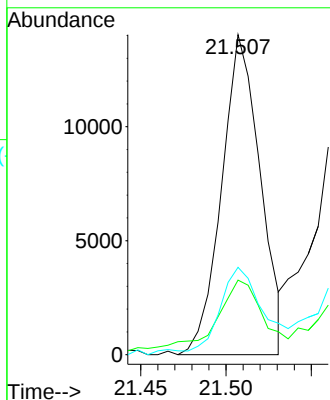
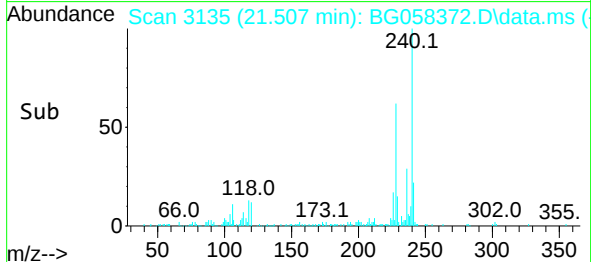
Instrument :
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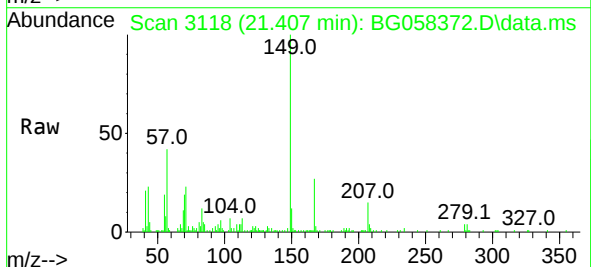
Tgt Ion:228 Resp: 22134
Ion Ratio Lower Upper
228 100
229 23.3 15.7 23.5
226 27.3 21.8 32.8

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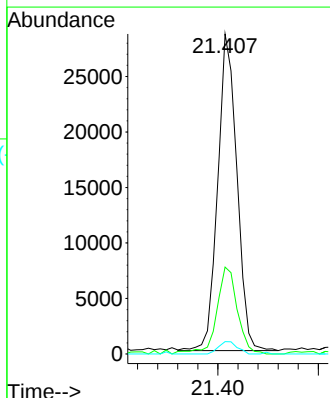
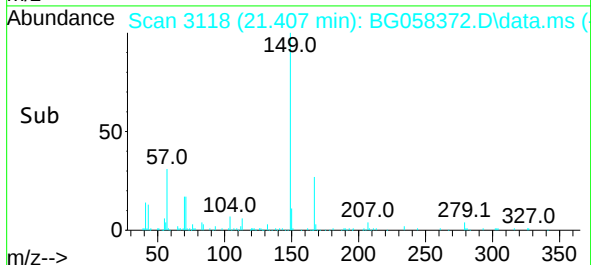
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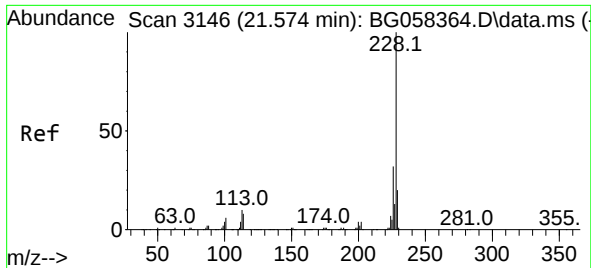


#86
Bis(2-ethylhexyl)phthalate
Concen: 4.038 ng/ul
RT: 21.407 min Scan# 3118
Delta R.T. -0.005 min
Lab File: BG058372.D
Acq: 20 Jul 2023 23:51



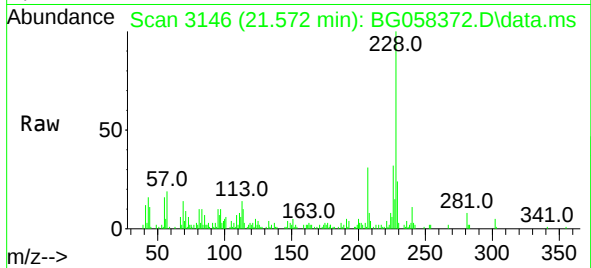
Tgt Ion:149 Resp: 37883
Ion Ratio Lower Upper
149 100
167 27.1 21.6 32.4
279 3.8 3.0 4.4





#87
Chrysene
Concen: 1.889 ng/ul m
RT: 21.572 min Scan# 3146
Delta R.T. -0.005 min
Lab File: BG058372.D
Acq: 20 Jul 2023 23:51

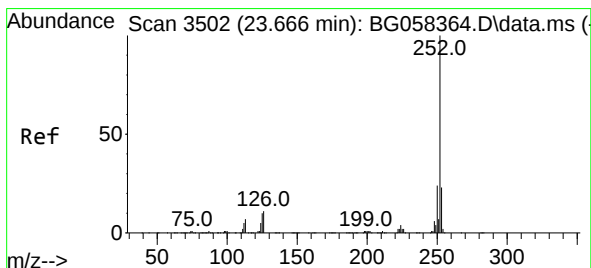
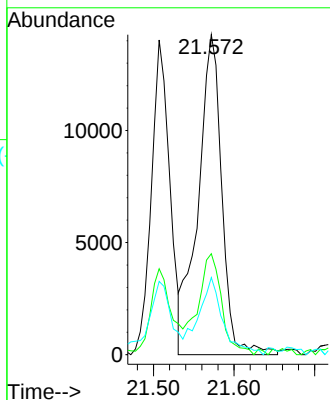
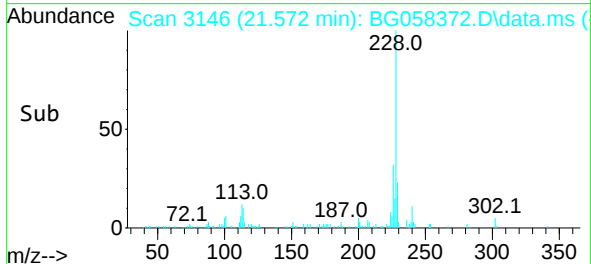
Instrument :
BNA_G
ClientSampleId :
A46S5



Tgt Ion:228 Resp: 29429
Ion Ratio Lower Upper
228 100
226 31.5 24.0 36.0
229 24.1 15.8 23.8

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Supervised By :mohammad ahmed 07/21/2023



#90
Benzo(b)fluoranthene
Concen: 2.275 ng/ul
RT: 23.663 min Scan# 3502
Delta R.T. -0.005 min
Lab File: BG058372.D
Acq: 20 Jul 2023 23:51

Tgt Ion:252 Resp: 36016
Ion Ratio Lower Upper
252 100
253 19.7 17.9 26.9
125 12.3 6.7 10.1

