

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071823\
 Data File : BG058334.D
 Acq On : 19 Jul 2023 19:28
 Operator : CG/JU
 Sample : 03444-20
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A46Y1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/20/2023
 Supervised By :mohammad ahmed 07/20/2023

Quant Time: Jul 20 01:16:56 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	43053	20.000	ng/u1	0.00
20) Naphthalene-d8	10.698	136	195797	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.535	164	146232	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.279	188	343865	20.000	ng/u1	0.00
79) Chrysene-d12	21.527	240	286979	20.000	ng/u1	0.00
88) Perylene-d12	24.659	264	327504	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.342	96	973	0.832	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.062	99	46498	11.385	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.220	67	31600	12.379	ng/u1	0.00
11) 2-Chlorophenol-d4	7.426	132	35520	12.424	ng/u1	0.00
15) 4-Methylphenol-d8	8.601	113	19268	6.185	ng/u1	0.00
21) Nitrobenzene-d5	9.059	128	18013	12.274	ng/u1	0.00
24) 2-Nitrophenol-d4	9.782	143	19904	12.423	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.322	165	36615	11.921	ng/u1	0.00
31) 4-Chloroaniline-d4	10.845	131	4514m	1.014	ng/u1	0.00
46) Dimethylphthalate-d6	13.936	166	137985	12.237	ng/u1	0.00
49) Acenaphthylene-d8	14.224	160	152964	12.944	ng/u1	0.00
54) 4-Nitrophenol-d4	14.741	143	15814m	9.286	ng/u1	0.00
60) Fluorene-d10	15.522	176	128637	13.779	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.646	200	16901	9.647	ng/u1	0.00
73) Anthracene-d10	17.373	188	148917	10.023	ng/u1	0.00
81) Pyrene-d10	19.664	212	235797	13.911	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.435	264	173653	10.970	ng/u1	-0.01
Target Compounds					Qvalue	
16) Acetophenone	8.718	105	22086	4.163	ng/u1	97
72) Phenanthrene	17.320	178	38193	2.337	ng/u1	98
80) Fluoranthene	19.330	202	70469	3.629	ng/u1	99
82) Pyrene	19.694	202	59332	3.016	ng/u1	99
85) Benzo(a)anthracene	21.509	228	28107	1.457	ng/u1	97
86) Bis(2-ethylhexyl)phtha...	21.409	149	41324	3.750	ng/u1#	98
87) Chrysene	21.568	228	32894	1.798	ng/u1	96
90) Benzo(b)fluoranthene	23.666	252	42111	2.222	ng/u1#	95

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

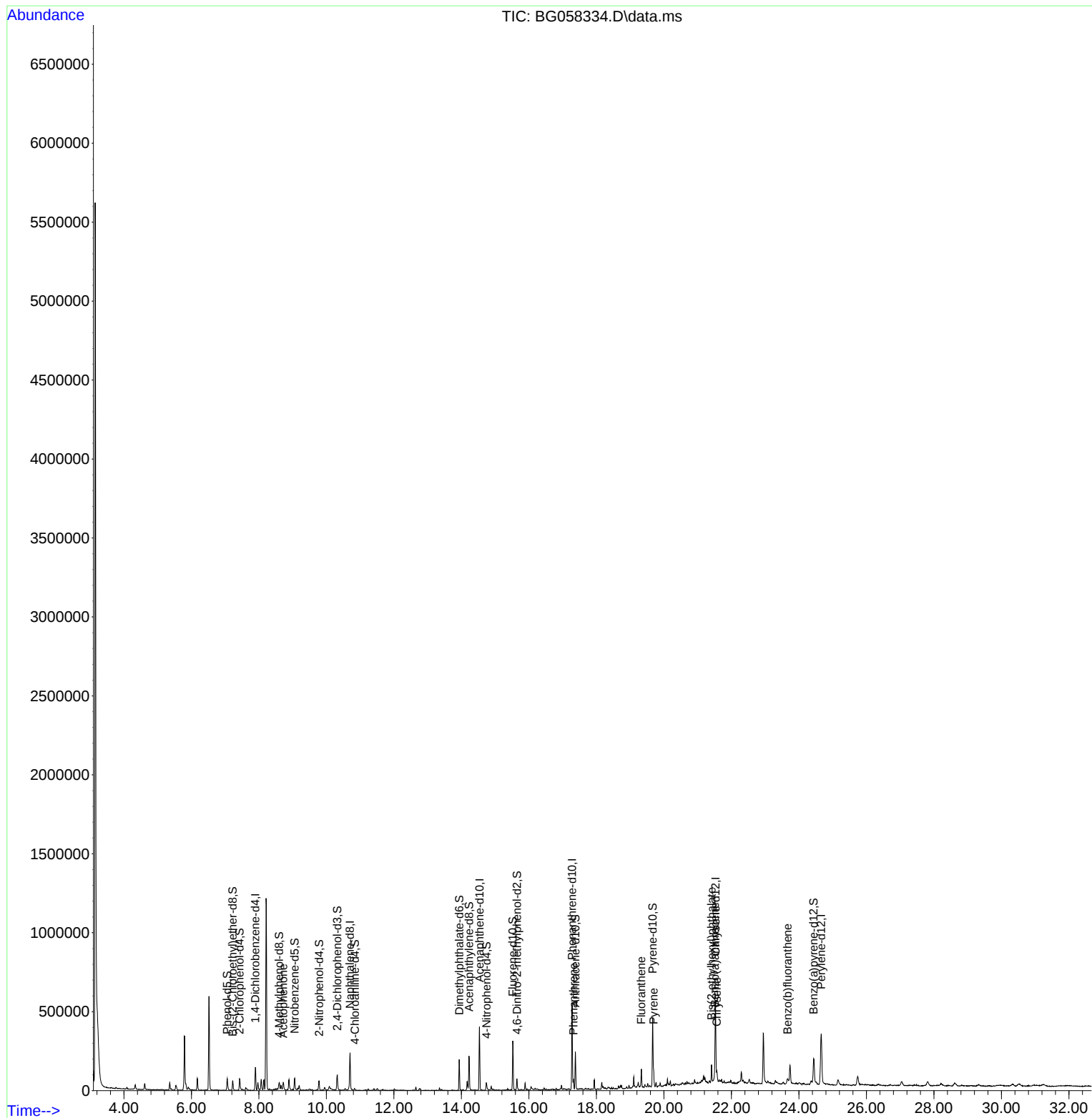
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071823\
Data File : BG058334.D
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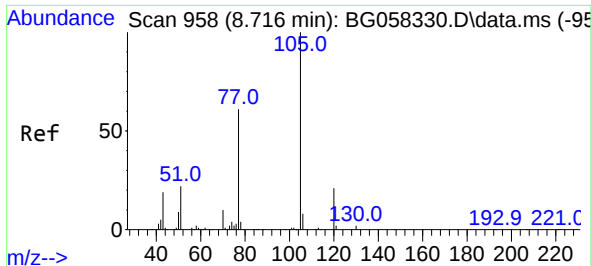
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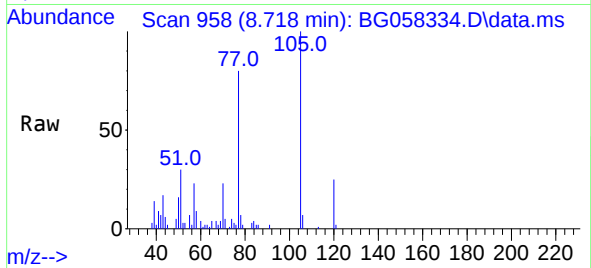
Quant Time: Jul 20 01:16:56 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 18 02:19:39 2023
Response via : Initial Calibration





#16
Acetophenone
Concen: 4.163 ng/ul
RT: 8.718 min Scan# 91
Delta R.T. -0.003 min
Lab File: BG058334.D
Acq: 19 Jul 2023 19:28

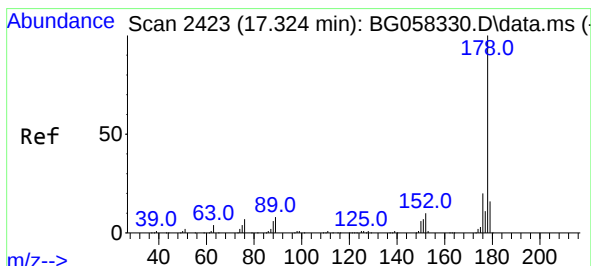
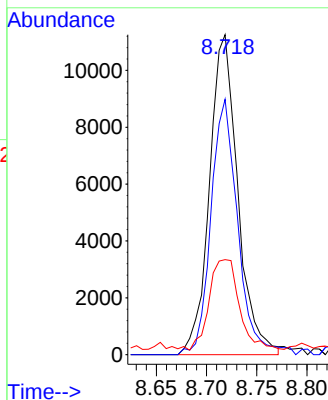
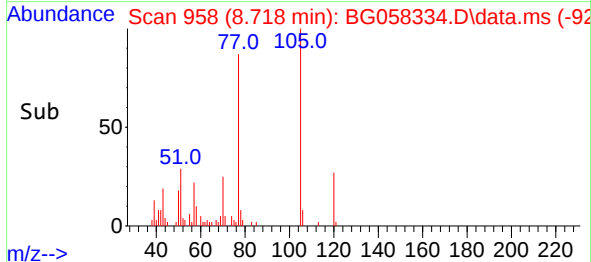
Instrument :
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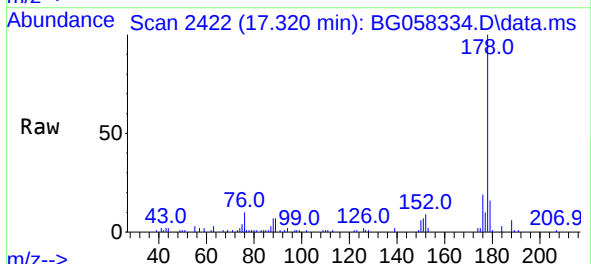
Tgt Ion:105 Resp: 2208
Ion Ratio Lower Upper
105 100
77 79.8 60.7 91.1
51 29.7 23.5 35.3

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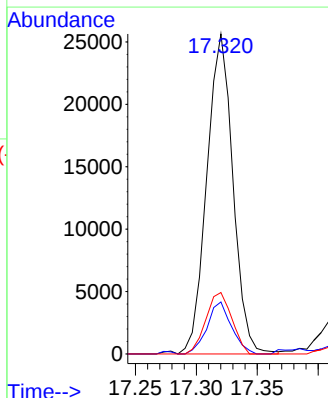
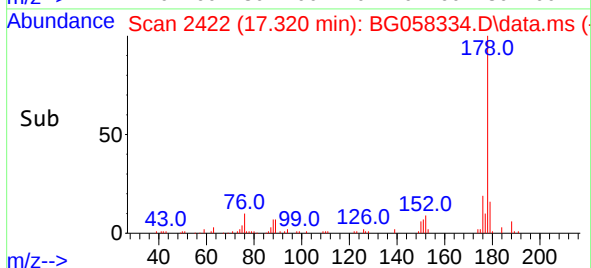
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Supervised By :mohammad ahmed 07/20/2023

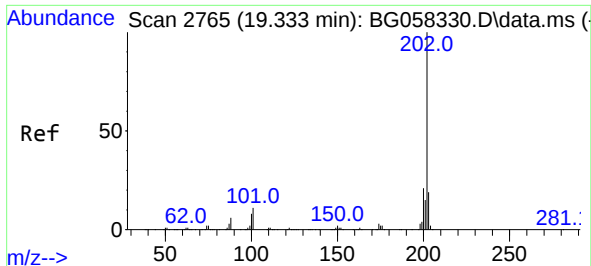


#72
Phenanthrene
Concen: 2.337 ng/ul
RT: 17.320 min Scan# 2422
Delta R.T. -0.003 min
Lab File: BG058334.D
Acq: 19 Jul 2023 19:28



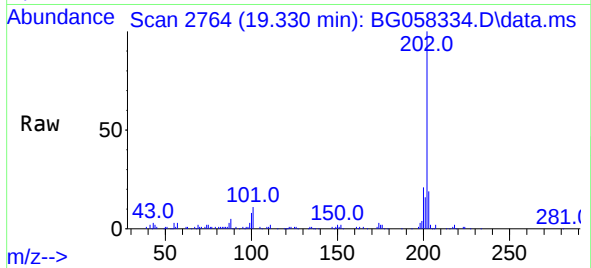
Tgt Ion:178 Resp: 38193
Ion Ratio Lower Upper
178 100
179 16.3 11.9 17.9
176 19.2 15.8 23.8





#80
Fluoranthene
Concen: 3.629 ng/u1
RT: 19.330 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG058334.D
Acq: 19 Jul 2023 19:28

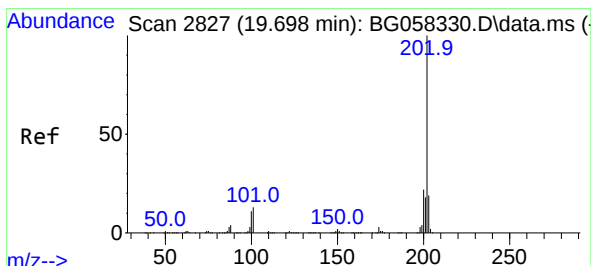
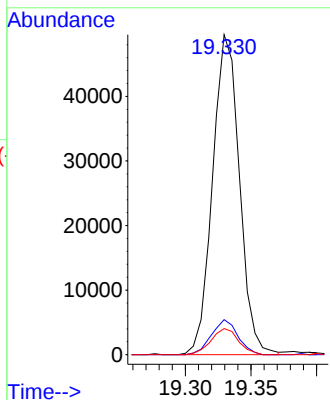
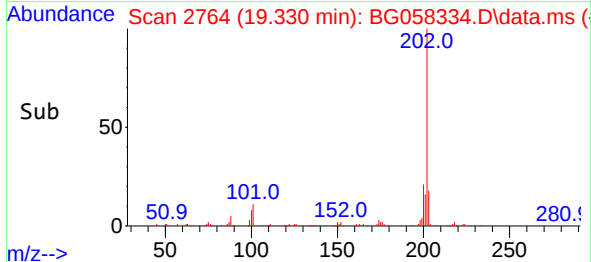
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Tgt Ion:202 Resp: 70469
Ion Ratio Lower Upper
202 100
101 10.9 8.6 12.8
100 8.2 7.2 10.8

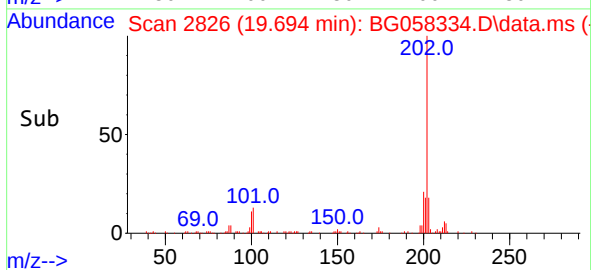
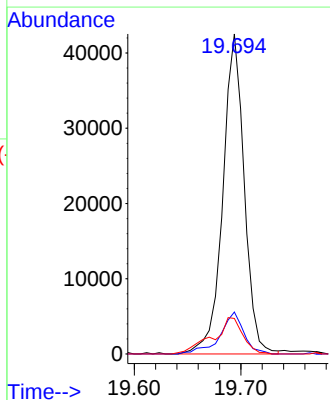
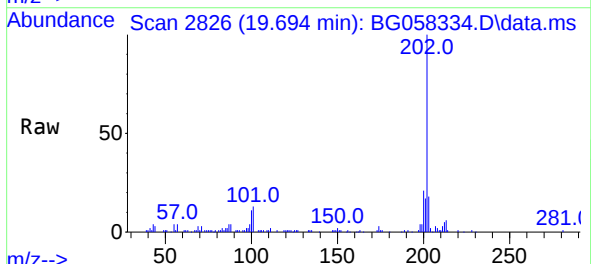
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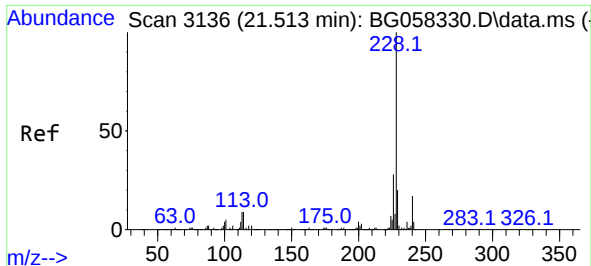
Reviewed By :Yogesh Patel 07/20/2023
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#82
Pyrene
Concen: 3.016 ng/u1
RT: 19.694 min Scan# 2826
Delta R.T. -0.003 min
Lab File: BG058334.D
Acq: 19 Jul 2023 19:28

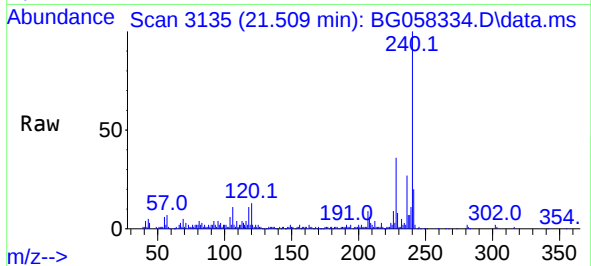
Tgt Ion:202 Resp: 59332
Ion Ratio Lower Upper
202 100
101 13.1 10.2 15.2
100 11.1 8.9 13.3





#85
Benzo(a)anthracene
Concen: 1.457 ng/ul
RT: 21.509 min Scan# 3136
Delta R.T. -0.003 min
Lab File: BG058334.D
Acq: 19 Jul 2023 19:28

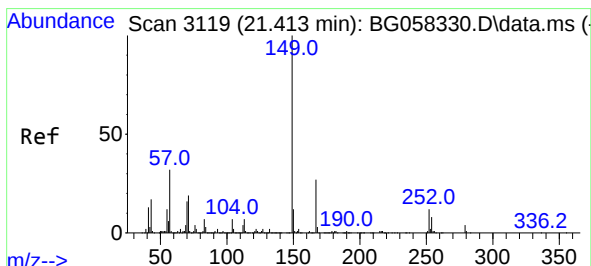
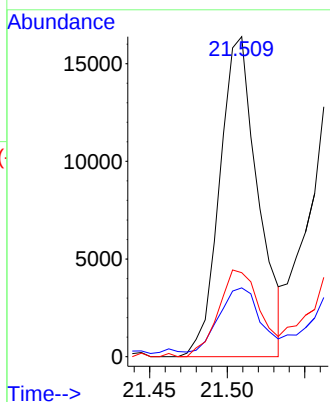
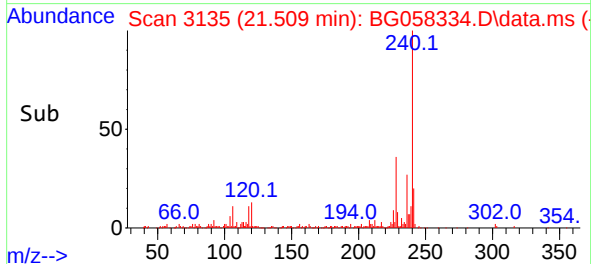
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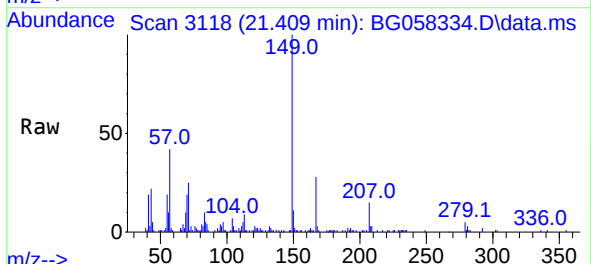
Tgt Ion:228 Resp: 2810
Ion Ratio Lower Upper
228 100
229 21.5 15.7 23.5
226 26.3 21.8 32.8

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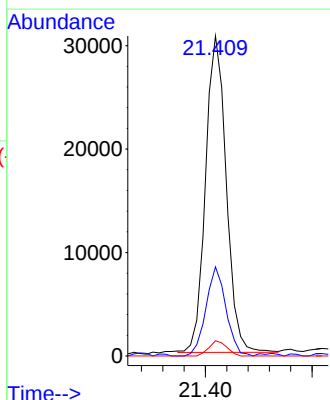
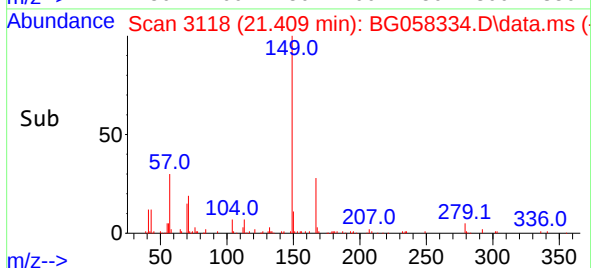
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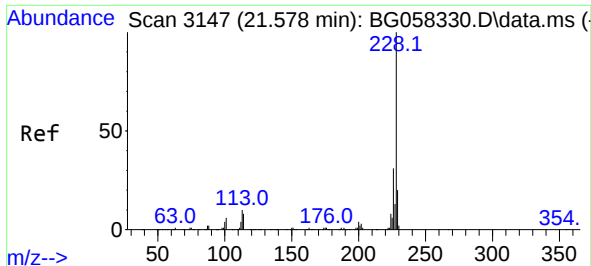


#86
Bis(2-ethylhexyl)phthalate
Concen: 3.750 ng/ul
RT: 21.409 min Scan# 3118
Delta R.T. -0.003 min
Lab File: BG058334.D
Acq: 19 Jul 2023 19:28



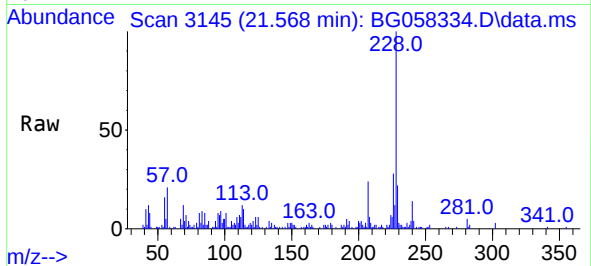
Tgt Ion:149 Resp: 41324
Ion Ratio Lower Upper
149 100
167 27.9 21.6 32.4
279 4.8 3.0 4.4#





#87
Chrysene
Concen: 1.798 ng/ul
RT: 21.568 min Scan# 3147
Delta R.T. -0.009 min
Lab File: BG058334.D
Acq: 19 Jul 2023 19:28

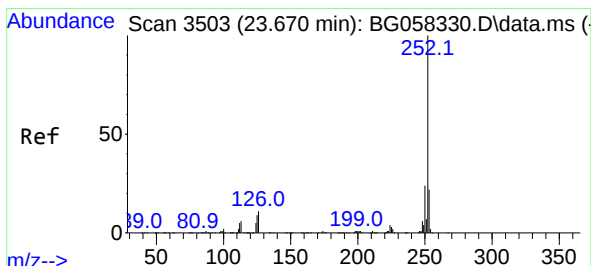
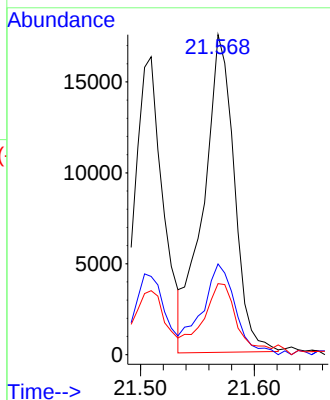
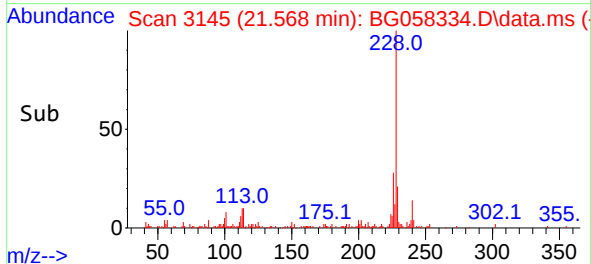
Instrument :
BNA_G
ClientSampleId :
A46Y1



Tgt Ion:228 Resp: 32894
Ion Ratio Lower Upper
228 100
226 28.3 24.0 36.0
229 22.2 15.8 23.8

Manual Integrations
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#90
Benzo(b)fluoranthene
Concen: 2.222 ng/ul
RT: 23.666 min Scan# 3502
Delta R.T. -0.003 min
Lab File: BG058334.D
Acq: 19 Jul 2023 19:28

Tgt Ion:252 Resp: 42111
Ion Ratio Lower Upper
252 100
253 23.6 17.9 26.9
125 12.5 6.7 10.1#

