

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071823\
 Data File : BG058352.D
 Acq On : 20 Jul 2023 8:36
 Operator : CG/JU
 Sample : 03452-13
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A46P3

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/20/2023
 Supervised By :Sohil Jodhani 07/20/2023

Quant Time: Jul 20 09:14:44 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	47065	20.000	ng/u1	0.00
20) Naphthalene-d8	10.697	136	215965	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.533	164	154970	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.277	188	344344	20.000	ng/u1	0.00
79) Chrysene-d12	21.531	240	275360	20.000	ng/u1	0.00
88) Perylene-d12	24.662	264	344679	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.335	96	2307	1.804	ng/uL	0.00
4) Pyridine-d5	3.758	84	5683	1.497	ng/u1	0.00
7) Phenol-d5	7.060	99	55654	12.465	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.218	67	34058	12.205	ng/u1	0.00
11) 2-Chlorophenol-d4	7.430	132	40912	13.091	ng/u1	0.00
15) 4-Methylphenol-d8	8.599	113	28360	8.328	ng/u1	0.00
21) Nitrobenzene-d5	9.057	128	20515	12.673	ng/u1	0.00
24) 2-Nitrophenol-d4	9.774	143	23025	13.029	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.320	165	43645	12.883	ng/u1	0.00
31) 4-Chloroaniline-d4	10.855	131	675m	0.137	ng/u1	0.02
46) Dimethylphthalate-d6	13.934	166	147478	12.341	ng/u1	0.00
49) Acenaphthylene-d8	14.228	160	168198	13.431	ng/u1	0.00
54) 4-Nitrophenol-d4	14.739	143	14858	8.233	ng/u1	0.00
60) Fluorene-d10	15.520	176	141756	14.328	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.644	200	12186	6.946	ng/u1	0.00
73) Anthracene-d10	17.377	188	195523	13.141	ng/u1	0.00
81) Pyrene-d10	19.662	212	198863	12.227	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.439	264	132703	7.966	ng/u1	-0.01
Target Compounds					Qvalue	
6) Benzaldehyde	7.036	77	3787	2.100	ng/u1	96
8) Phenol	7.095	94	9780m	2.109	ng/u1	
16) Acetophenone	8.716	105	58867	10.150	ng/u1	96
72) Phenanthrene	17.318	178	36551	2.234	ng/u1	96
80) Fluoranthene	19.333	202	94852	5.091	ng/u1	100
82) Pyrene	19.692	202	60536	3.207	ng/u1	98
85) Benzo(a)anthracene	21.507	228	38527	2.082	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.407	149	58106	5.495	ng/u1#	38
87) Chrysene	21.572	228	40924	2.331	ng/u1	97
90) Benzo(b)fluoranthene	23.670	252	53014	2.658	ng/u1#	96
91) Benzo(k)fluoranthene	23.711	252	21240m	1.068	ng/u1	

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

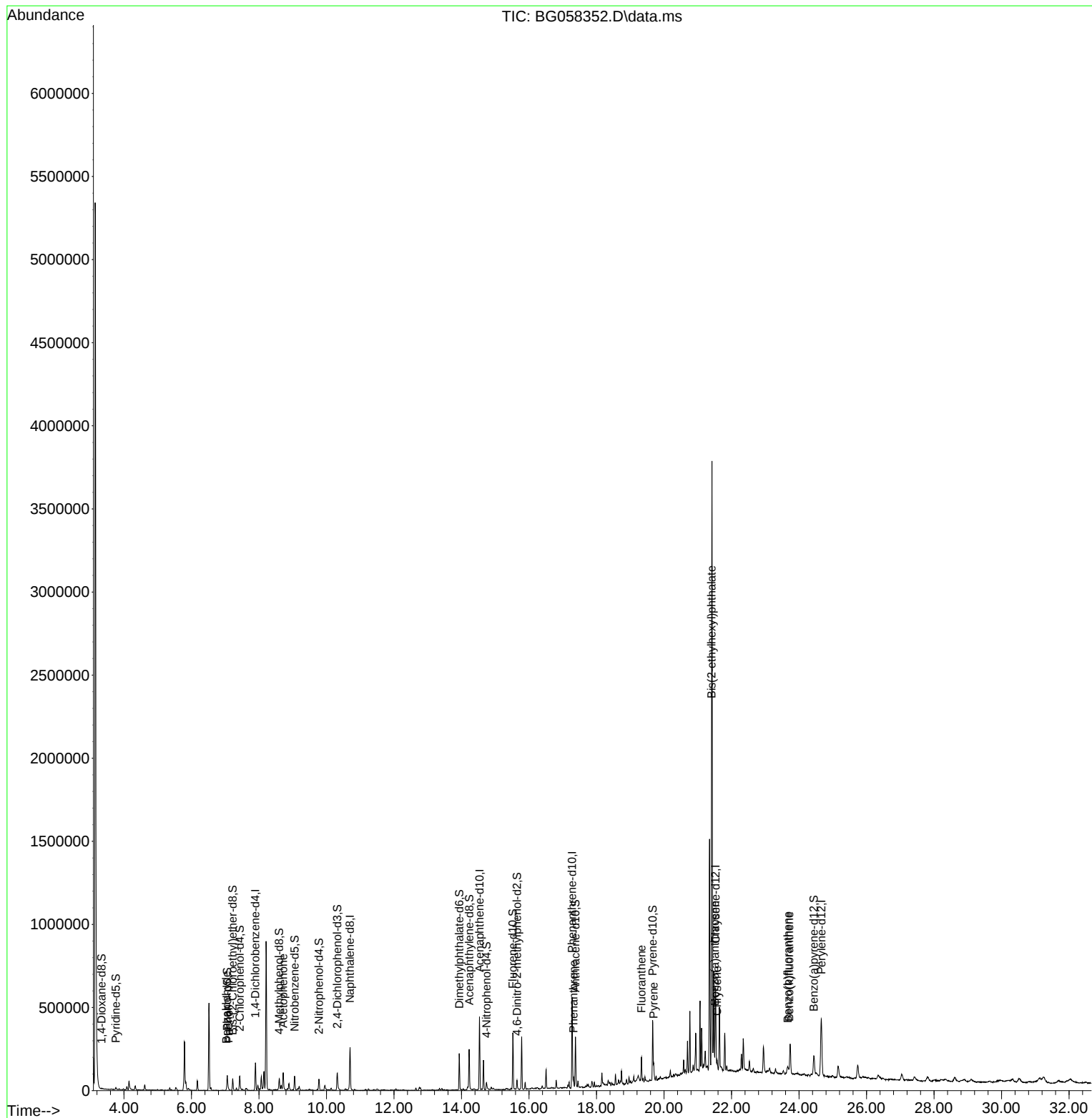
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071823\
Data File : BG058352.D
Acq On : 20 Jul 2023 8:36
Operator : CG/JU
Sample : 03452-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

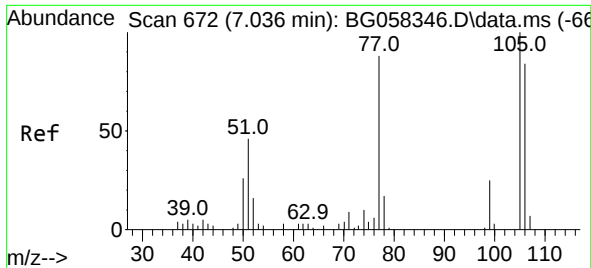
Instrument :
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ClientSampleId :
A46P3

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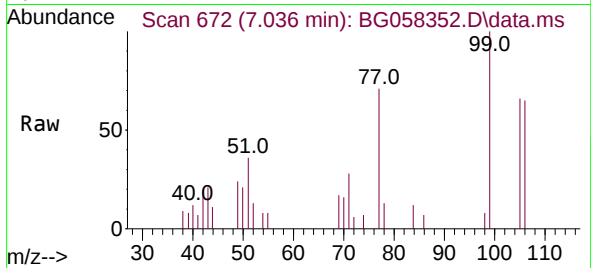
Quant Time: Jul 20 09:14:44 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 18 02:19:39 2023
Response via : Initial Calibration





#6
Benzaldehyde
Concen: 2.100 ng/ul
RT: 7.036 min Scan# 61
Delta R.T. 0.001 min
Lab File: BG058352.D
Acq: 20 Jul 2023 8:36

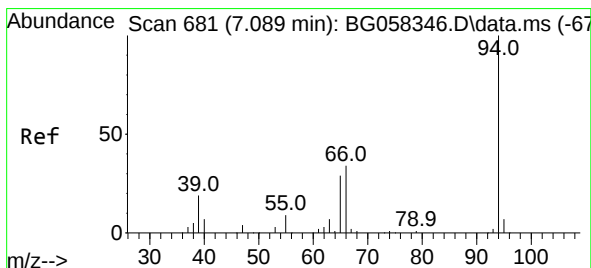
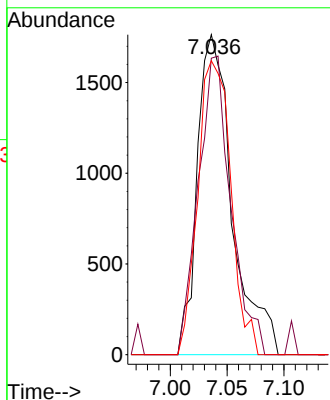
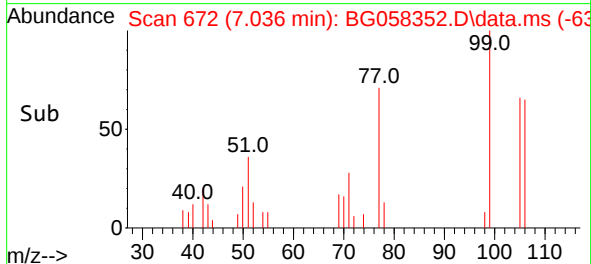
Instrument :
BNA_G
ClientSampleId :
A46P3



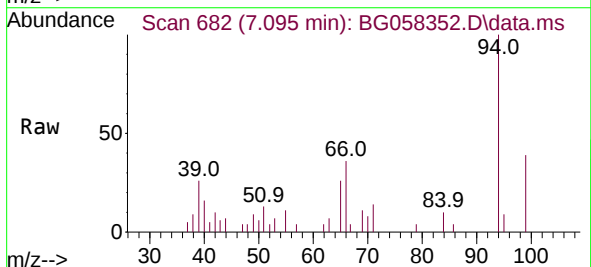
Tgt Ion: 77 Resp: 378
Ion Ratio Lower Upper
77 100
105 92.6 78.2 117.4
106 91.8 71.6 107.4

Manual Integrations
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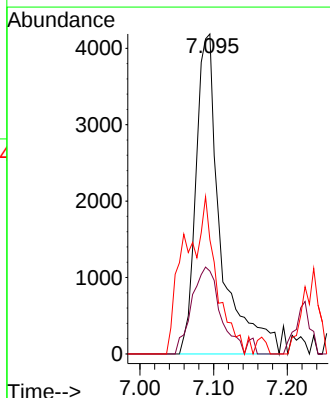
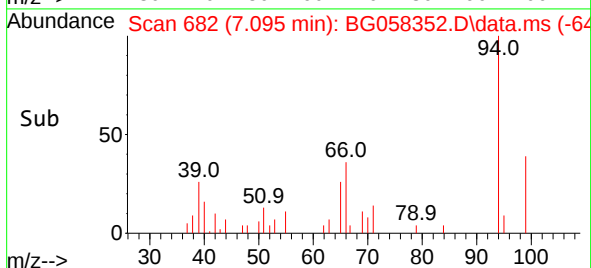
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :Sohil Jodhani 07/20/2023

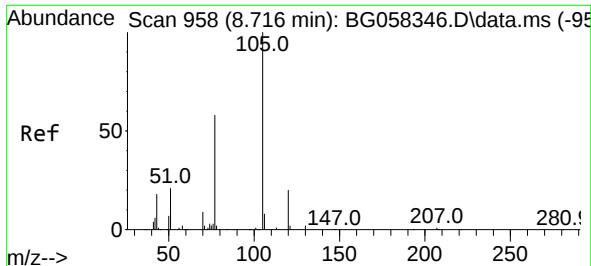


#8
Phenol
Concen: 2.109 ng/ul m
RT: 7.095 min Scan# 682
Delta R.T. 0.007 min
Lab File: BG058352.D
Acq: 20 Jul 2023 8:36



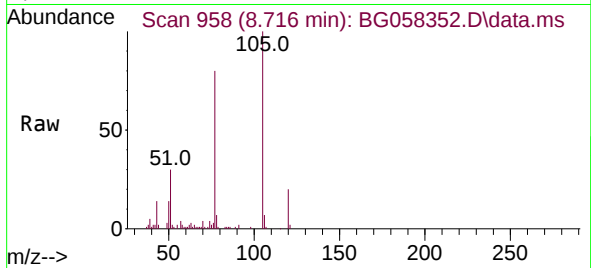
Tgt Ion: 94 Resp: 9780
Ion Ratio Lower Upper
94 100
65 25.9 23.8 35.8
66 35.7 31.2 46.8





#16
Acetophenone
Concen: 10.150 ng/ul
RT: 8.716 min Scan# 958
Delta R.T. -0.005 min
Lab File: BG058352.D
Acq: 20 Jul 2023 8:36

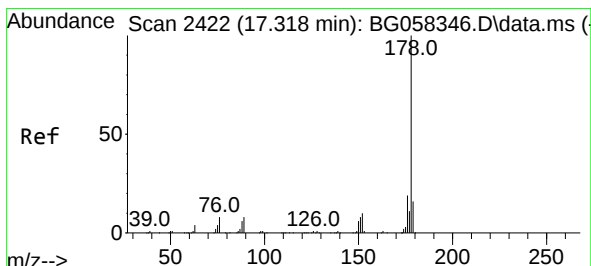
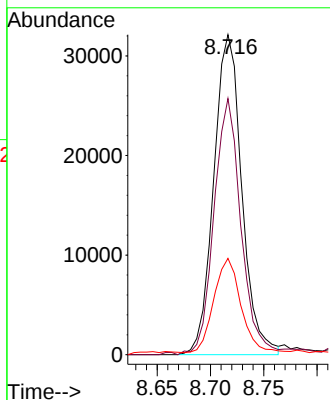
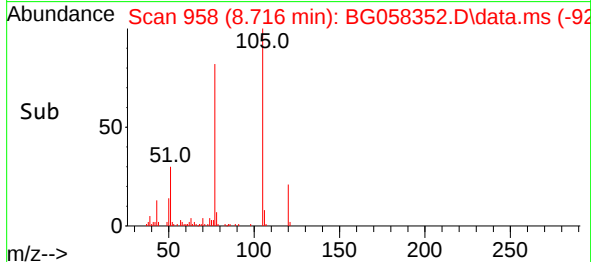
Instrument :
BNA_G
ClientSampleId :
A46P3



Tgt Ion:105 Resp: 5886
Ion Ratio Lower Upper
105 100
77 80.0 60.7 91.1
51 30.1 23.5 35.3

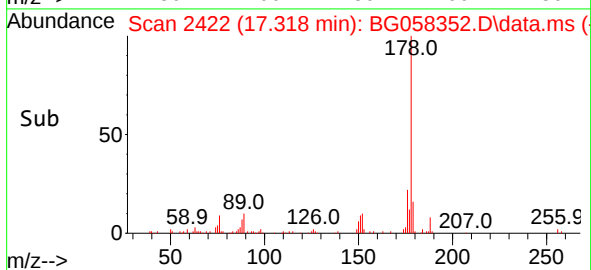
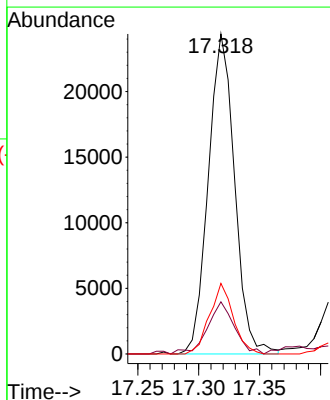
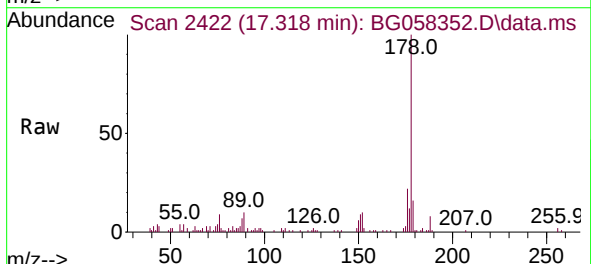
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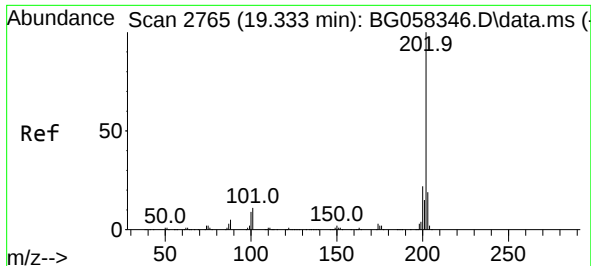
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :Sohil Jodhani 07/20/2023



#72
Phenanthrene
Concen: 2.234 ng/ul
RT: 17.318 min Scan# 2422
Delta R.T. -0.005 min
Lab File: BG058352.D
Acq: 20 Jul 2023 8:36

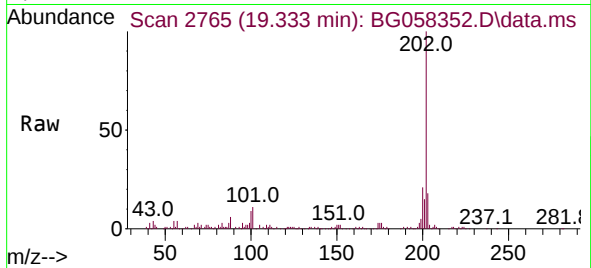
Tgt Ion:178 Resp: 36551
Ion Ratio Lower Upper
178 100
179 16.3 11.9 17.9
176 22.0 15.8 23.8





#80
Fluoranthene
Concen: 5.091 ng/u1
RT: 19.333 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG058352.D
Acq: 20 Jul 2023 8:36

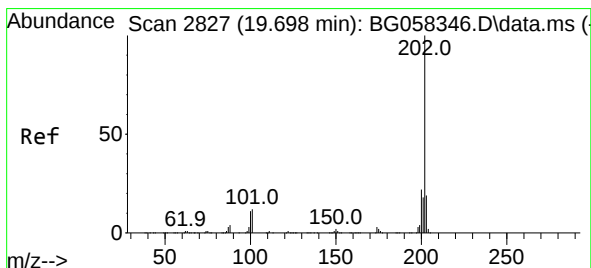
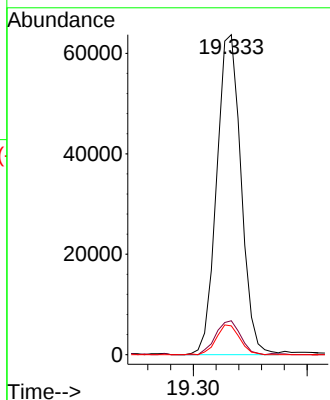
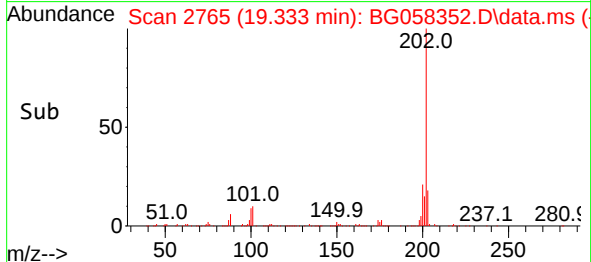
Instrument :
BNA_G
ClientSampleId :
A46P3



Tgt Ion:202 Resp: 9485
Ion Ratio Lower Upper
202 100
101 10.6 8.6 12.8
100 9.0 7.2 10.8

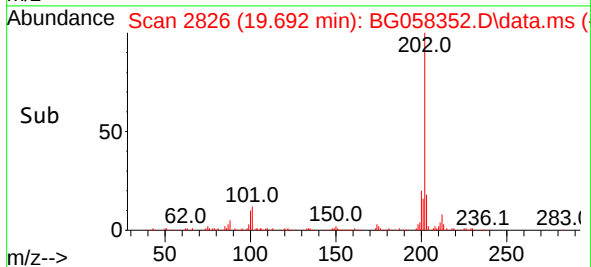
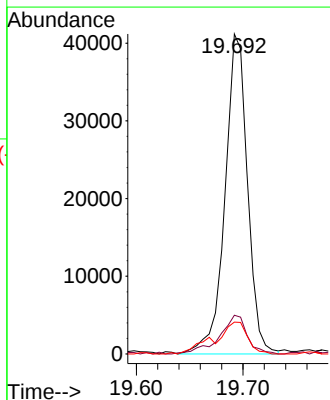
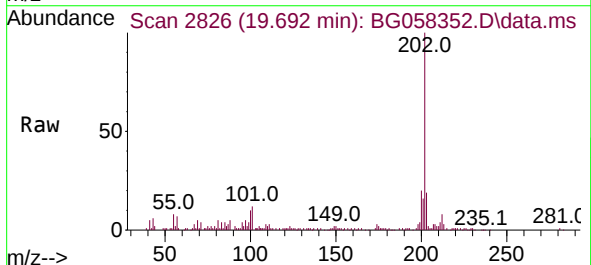
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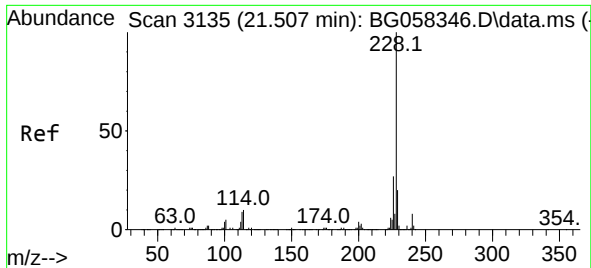
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :Sohil Jodhani 07/20/2023



#82
Pyrene
Concen: 3.207 ng/u1
RT: 19.692 min Scan# 2826
Delta R.T. -0.005 min
Lab File: BG058352.D
Acq: 20 Jul 2023 8:36

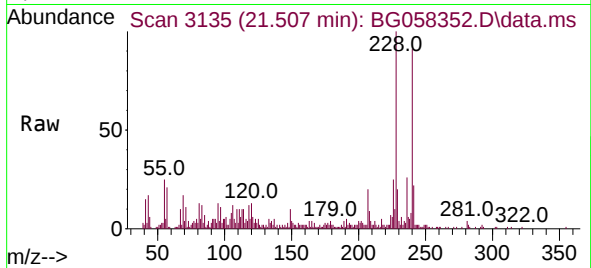
Tgt Ion:202 Resp: 60536
Ion Ratio Lower Upper
202 100
101 12.1 10.2 15.2
100 10.0 8.9 13.3





#85
Benzo(a)anthracene
Concen: 2.082 ng/ul
RT: 21.507 min Scan# 3135
Delta R.T. -0.005 min
Lab File: BG058352.D
Acq: 20 Jul 2023 8:36

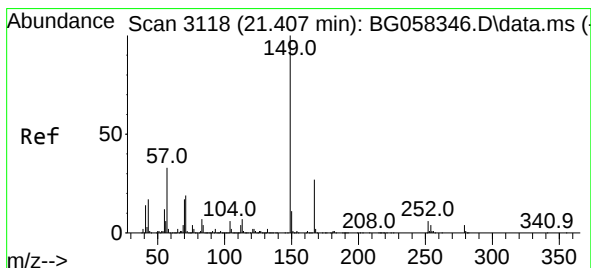
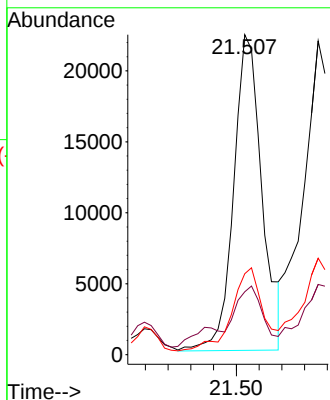
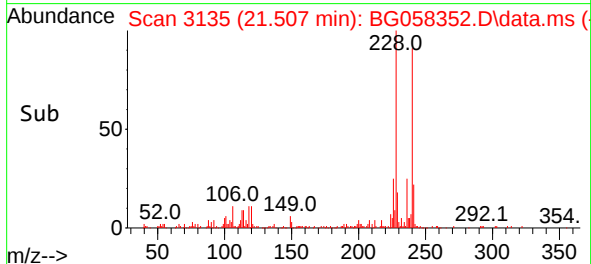
Instrument :
BNA_G
ClientSampleId :
A46P3



Tgt Ion:228 Resp: 3852
Ion Ratio Lower Upper
228 100
229 19.6 15.7 23.5
226 25.3 21.8 32.8

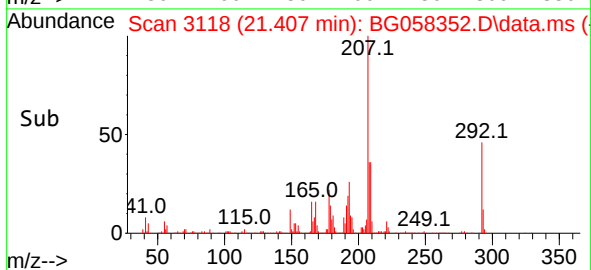
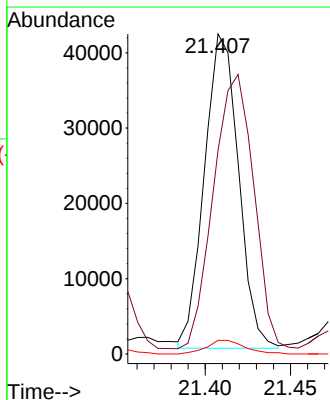
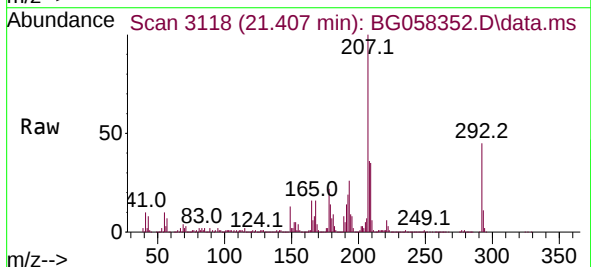
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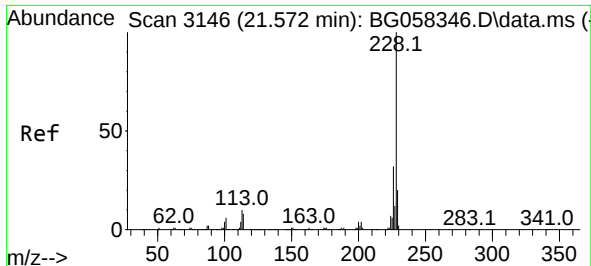
Reviewed By :Yogesh Patel 07/20/2023
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#86
Bis(2-ethylhexyl)phthalate
Concen: 5.495 ng/ul
RT: 21.407 min Scan# 3118
Delta R.T. -0.005 min
Lab File: BG058352.D
Acq: 20 Jul 2023 8:36

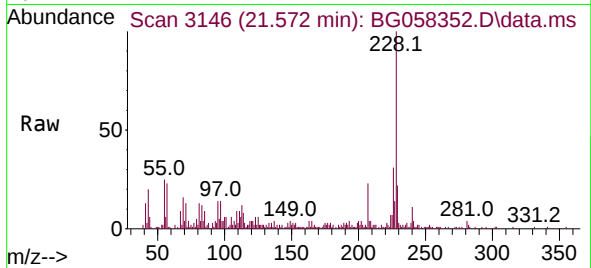
Tgt Ion:149 Resp: 58106
Ion Ratio Lower Upper
149 100
167 63.7 21.6 32.4#
279 4.3 3.0 4.4





#87
Chrysene
Concen: 2.331 ng/ul
RT: 21.572 min Scan# 3146
Delta R.T. -0.005 min
Lab File: BG058352.D
Acq: 20 Jul 2023 8:36

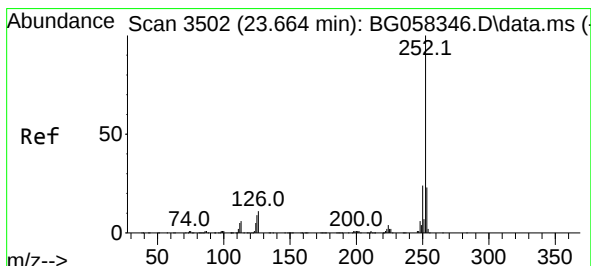
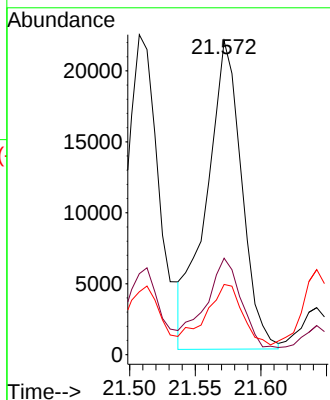
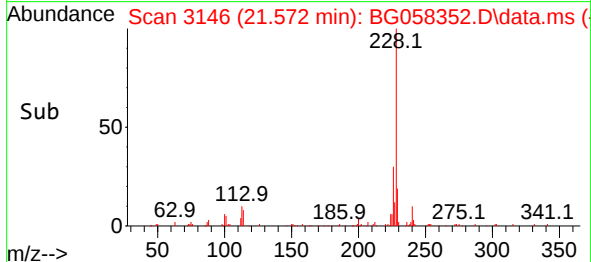
Instrument :
BNA_G
ClientSampleId :
A46P3



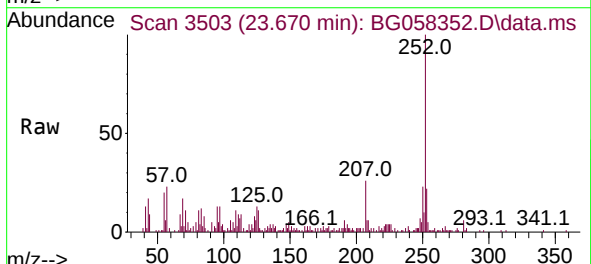
Tgt Ion:228 Resp: 40924
Ion Ratio Lower Upper
228 100
226 30.8 24.0 36.0
229 22.4 15.8 23.8

Manual Integrations
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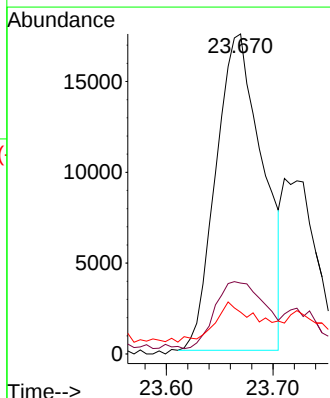
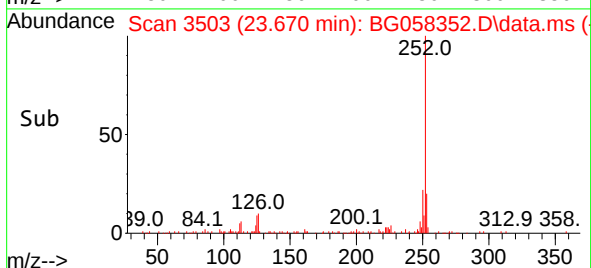
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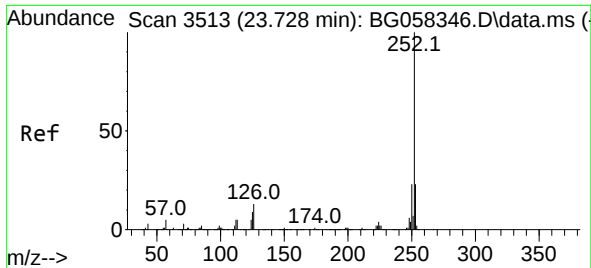


#90
Benzo(b)fluoranthene
Concen: 2.658 ng/ul
RT: 23.670 min Scan# 3503
Delta R.T. 0.001 min
Lab File: BG058352.D
Acq: 20 Jul 2023 8:36



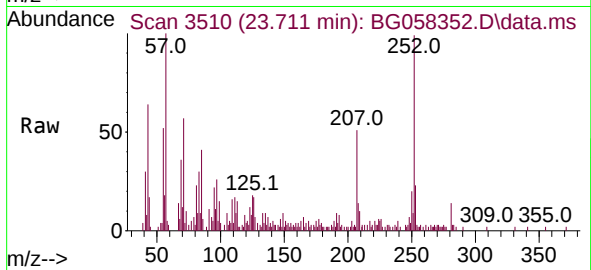
Tgt Ion:252 Resp: 53014
Ion Ratio Lower Upper
252 100
253 22.1 17.9 26.9
125 13.1 6.7 10.1#





#91
Benzo(k)fluoranthene
Concen: 1.068 ng/ul m
RT: 23.711 min Scan# 31
Delta R.T. -0.023 min
Lab File: BG058352.D
Acq: 20 Jul 2023 8:36

Instrument :
BNA_G
ClientSampleId :
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Tgt Ion:	252	Resp:	21240
Ion Ratio	Lower	Upper	
252	100		
253	22.8	18.3	27.5
125	17.6	7.4	11.0

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