

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122422\
 Data File : BG056107.D
 Acq On : 25 Dec 2022 3:16
 Operator : CG/JU
 Sample : N6017-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DBYF6

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/25/2022
 Supervised By :Yogesh Patel 12/25/2022

Quant Time: Dec 25 05:46:43 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG122422.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Dec 24 22:54:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.348	152	38665	20.000	ng/u1	0.00
20) Naphthalene-d8	11.180	136	158739	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.952	164	138912	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.690	188	340231	20.000	ng/u1	0.00
79) Chrysene-d12	21.991	240	337776	20.000	ng/u1	0.00
88) Perylene-d12	25.463	264	359669	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.647	96	4625	5.007	ng/uL	0.00
4) Pyridine-d5	4.094	84	10272	3.411	ng/u1	0.00
7) Phenol-d5	7.472	99	81969	23.371	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.654	67	34872	25.227	ng/u1	0.00
11) 2-Chlorophenol-d4	7.872	132	56715	27.360	ng/u1	0.00
15) 4-Methylphenol-d8	9.035	113	57902	21.936	ng/u1	0.00
21) Nitrobenzene-d5	9.517	128	28897	24.994	ng/u1	0.00
24) 2-Nitrophenol-d4	10.246	143	38576	25.537	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.780	165	80262	23.911	ng/u1	0.00
31) 4-Chloroaniline-d4	11.297	131	50585	13.323	ng/u1	0.00
46) Dimethylphthalate-d6	14.341	166	267132	24.847	ng/u1	0.00
49) Acenaphthylene-d8	14.652	160	297652	24.515	ng/u1	0.00
54) 4-Nitrophenol-d4	15.110	143	33552	20.732	ng/u1	0.00
60) Fluorene-d10	15.939	176	254822	24.012	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	16.039	200	48085	21.985	ng/u1	0.00
73) Anthracene-d10	17.790	188	393187	25.008	ng/u1	0.00
81) Pyrene-d10	20.052	212	477036	25.572	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.216	264	461575	25.249	ng/u1	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.731	178	40660	2.354	ng/u1	93
80) Fluoranthene	19.723	202	151678	6.915	ng/u1	99
82) Pyrene	20.081	202	112836	5.099	ng/u1#	96
85) Benzo(a)anthracene	21.967	228	84692	3.673	ng/u1	97
87) Chrysene	22.038	228	77310	3.613	ng/u1	98
90) Benzo(b)fluoranthene	24.352	252	114042	4.803	ng/u1#	99
91) Benzo(k)fluoranthene	24.423	252	53767m	2.321	ng/u1	
93) Benzo(a)pyrene	25.293	252	81814	3.954	ng/u1	100
94) Indeno(1,2,3-cd)pyrene	29.447	276	65740m	2.412	ng/u1	
96) Benzo(g,h,i)perylene	30.692	276	59072m	2.697	ng/u1	

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

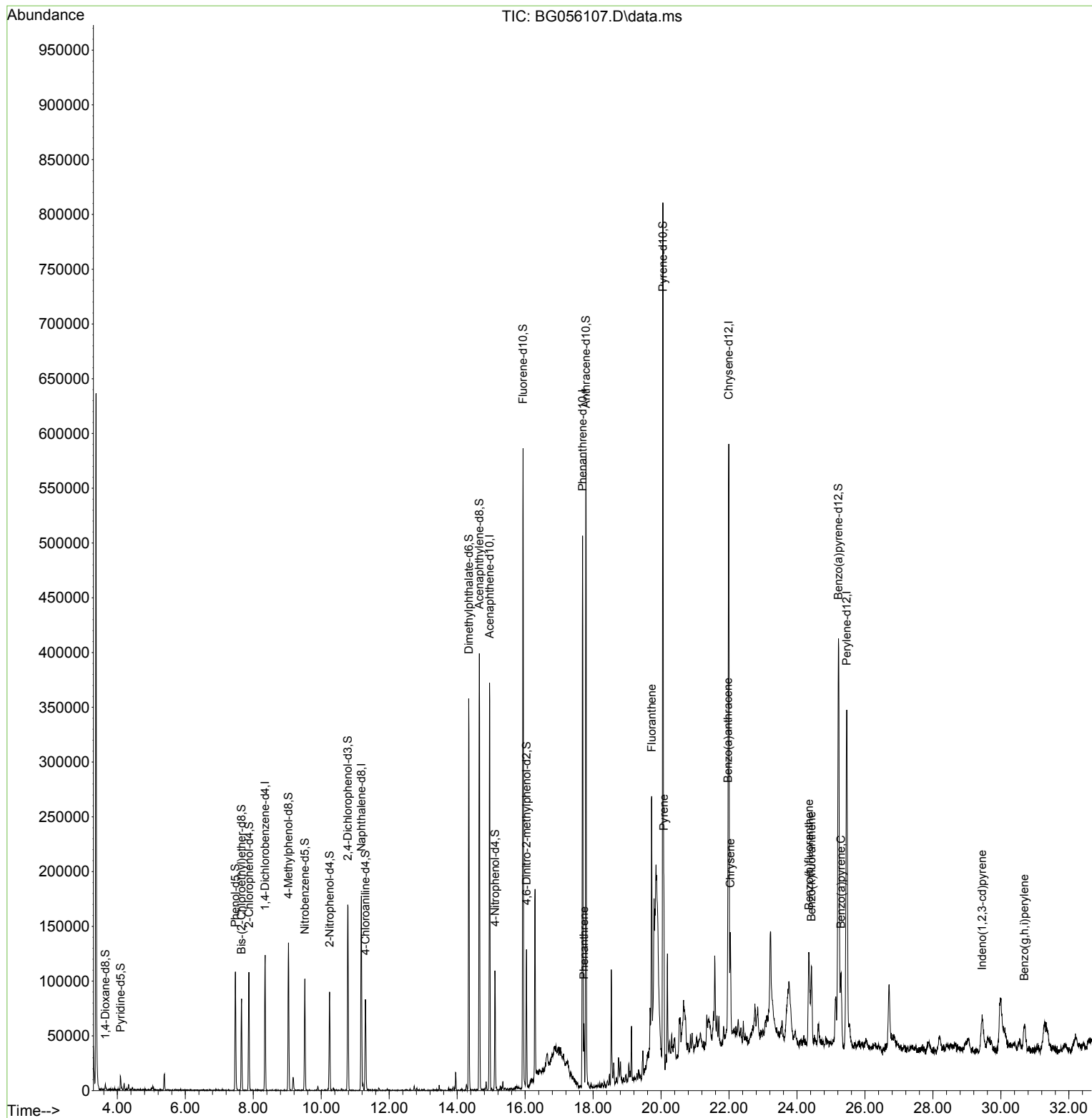
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122422\
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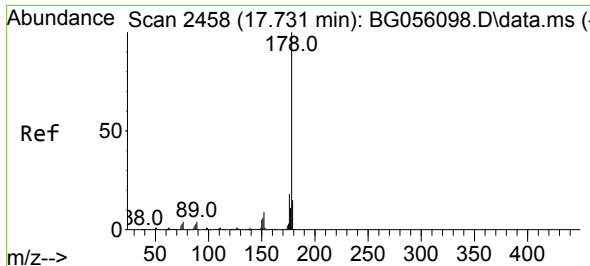
Instrument :
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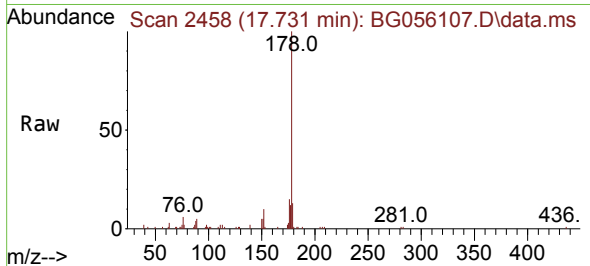
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 Quant Title : SVOA CALIBRATION
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#72
Phenanthrene
Concen: 2.354 ng/ul
RT: 17.731 min Scan# 2458
Delta R.T. -0.005 min
Lab File: BG056107.D
Acq: 25 Dec 2022 3:16

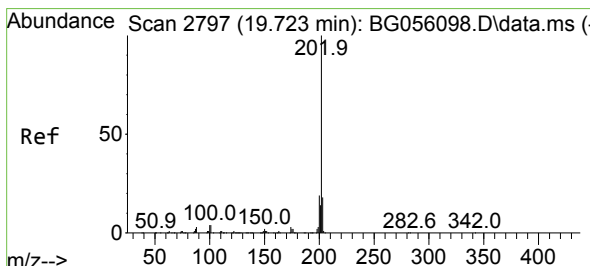
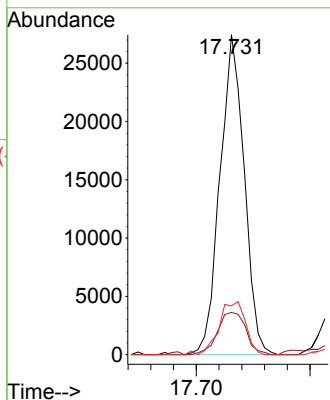
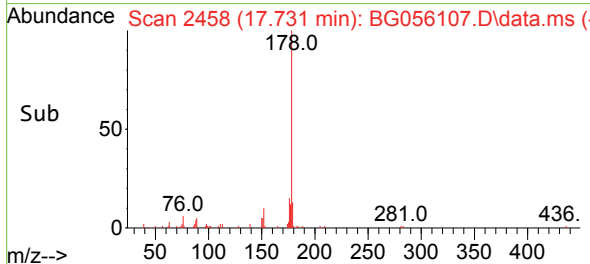
Instrument :
BNA_G
ClientSampleId :
DBYF6



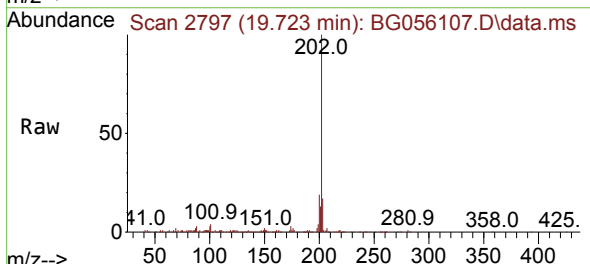
Tgt Ion:178 Resp: 40660
Ion Ratio Lower Upper
178 100
179 13.2 12.7 19.1
176 15.3 15.0 22.4

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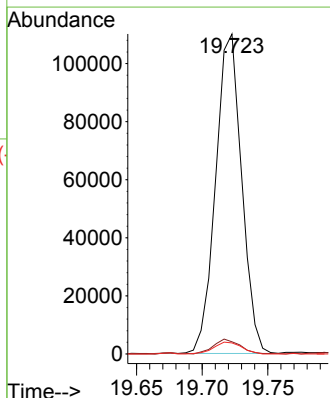
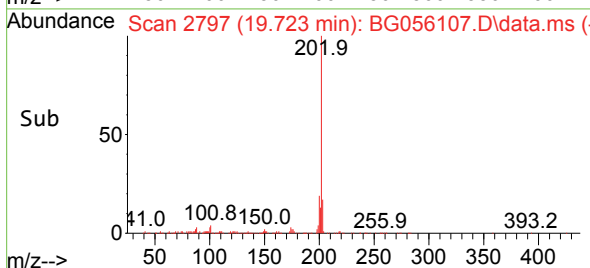
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022

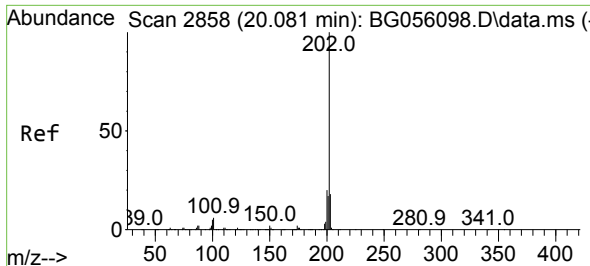


#80
Fluoranthene
Concen: 6.915 ng/ul
RT: 19.723 min Scan# 2797
Delta R.T. 0.001 min
Lab File: BG056107.D
Acq: 25 Dec 2022 3:16



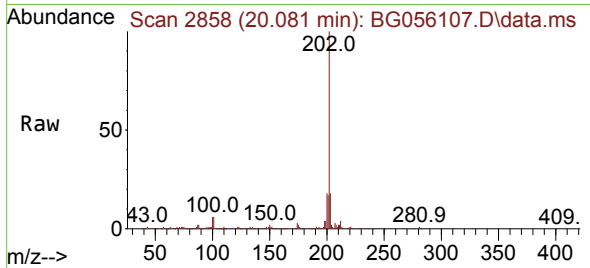
Tgt Ion:202 Resp: 151678
Ion Ratio Lower Upper
202 100
101 3.8 3.2 4.8
100 3.5 3.0 4.4





#82
 Pyrene
 Concen: 5.099 ng/ul
 RT: 20.081 min Scan# 20
 Delta R.T. -0.005 min
 Lab File: BG056107.D
 Acq: 25 Dec 2022 3:16

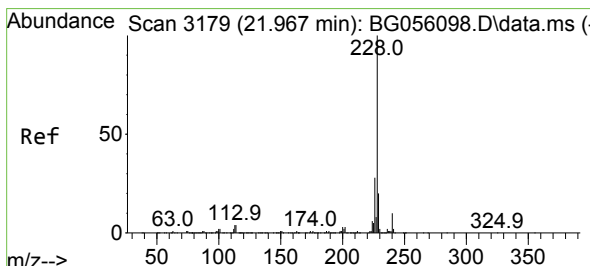
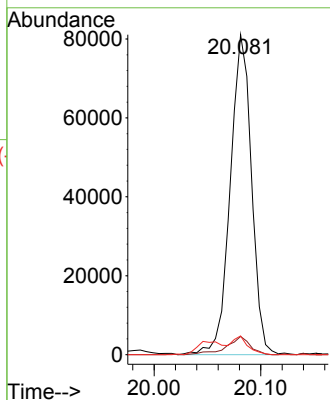
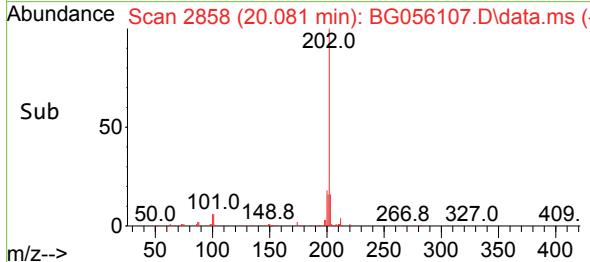
Instrument :
 BNA_G
 ClientSampleId :
 DBYF6



Tgt Ion:202 Resp: 112830
 Ion Ratio Lower Upper
 202 100
 101 5.7 3.6 5.4
 100 5.8 3.3 4.9

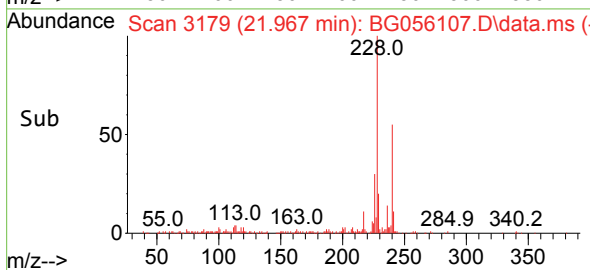
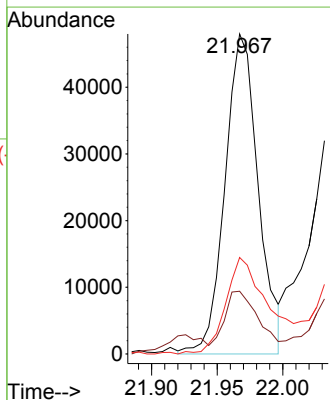
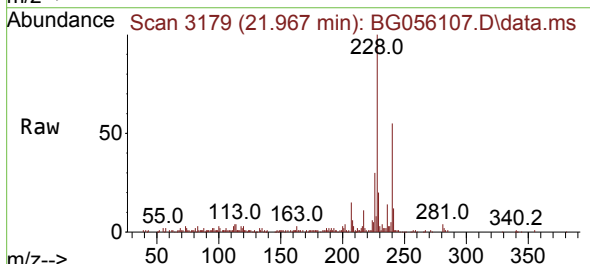
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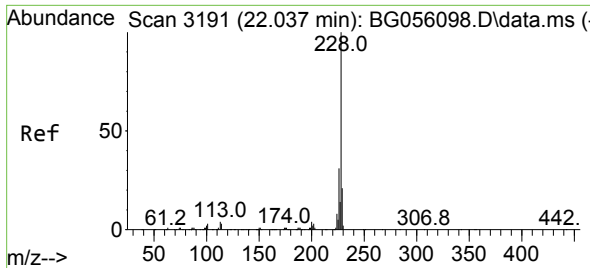
Reviewed By :Jagrut Upadhyay 12/25/2022
 Supervised By :Yogesh Patel 12/25/2022



#85
 Benzo(a)anthracene
 Concen: 3.673 ng/ul
 RT: 21.967 min Scan# 3179
 Delta R.T. -0.005 min
 Lab File: BG056107.D
 Acq: 25 Dec 2022 3:16

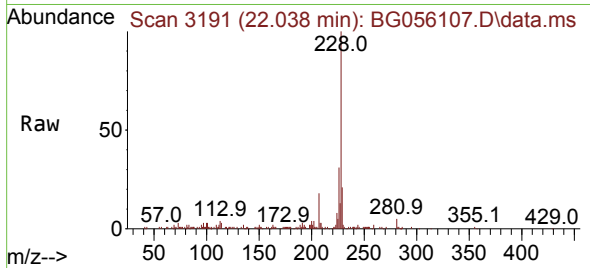
Tgt Ion:228 Resp: 84692
 Ion Ratio Lower Upper
 228 100
 229 19.6 15.5 23.3
 226 30.1 22.3 33.5





#87
Chrysene
Concen: 3.613 ng/ul
RT: 22.038 min Scan# 3191
Delta R.T. -0.005 min
Lab File: BG056107.D
Acq: 25 Dec 2022 3:16

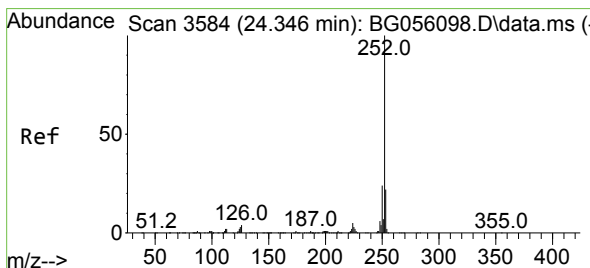
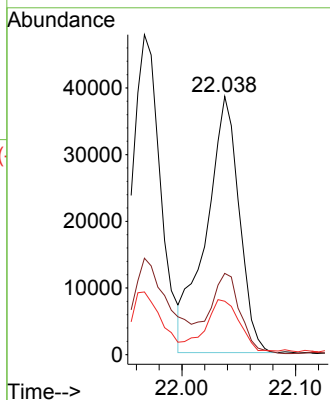
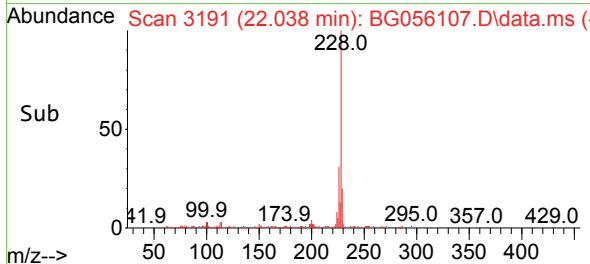
Instrument :
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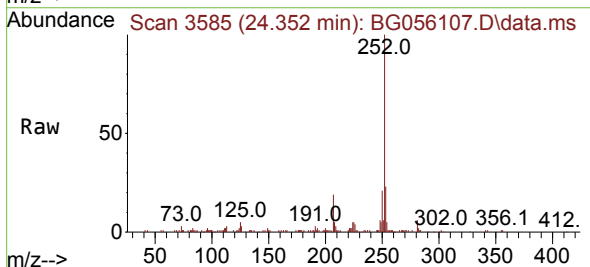
Tgt Ion:228 Resp: 77310
Ion Ratio Lower Upper
228 100
226 31.5 23.9 35.9
229 20.7 16.2 24.4

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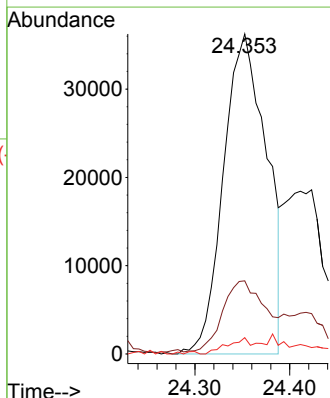
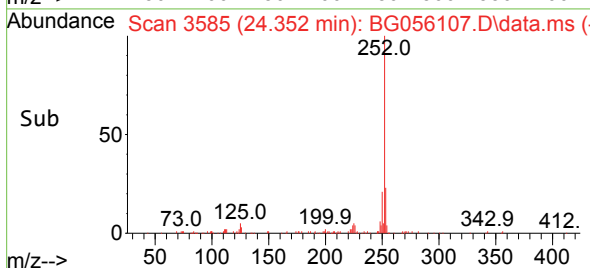
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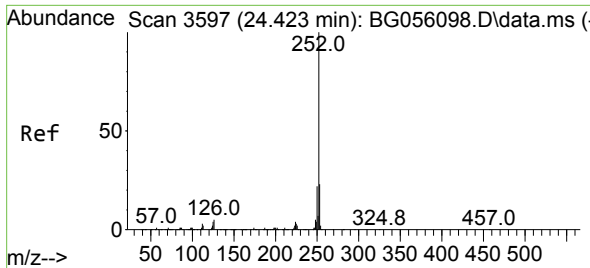


#90
Benzo(b)fluoranthene
Concen: 4.803 ng/ul
RT: 24.352 min Scan# 3585
Delta R.T. 0.001 min
Lab File: BG056107.D
Acq: 25 Dec 2022 3:16



Tgt Ion:252 Resp: 114042
Ion Ratio Lower Upper
252 100
253 22.8 18.5 27.7
125 5.1 2.2 3.4





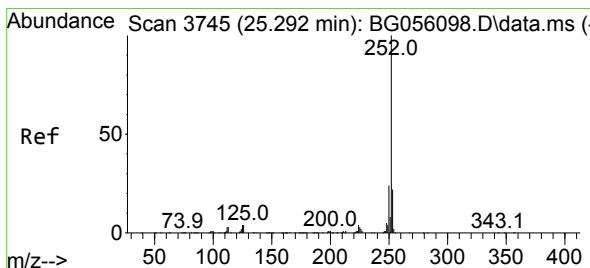
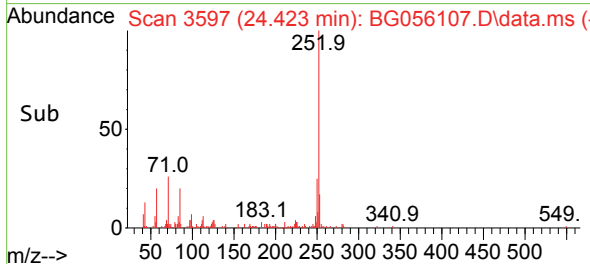
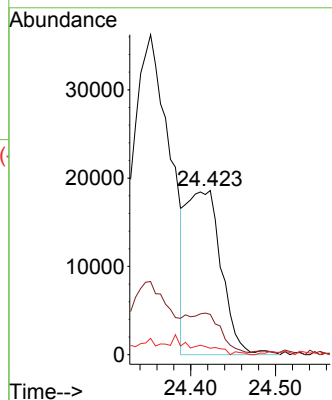
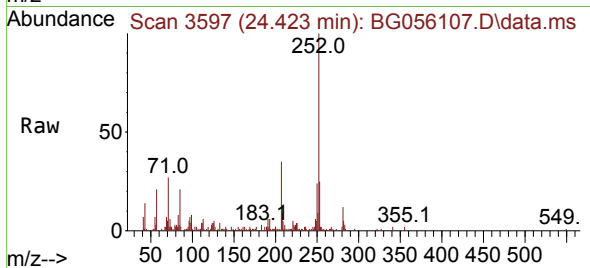
#91
Benzo(k)fluoranthene
Concen: 2.321 ng/ul m
RT: 24.423 min Scan# 3597
Delta R.T. -0.005 min
Lab File: BG056107.D
Acq: 25 Dec 2022 3:16

Instrument :
BNA_G
ClientSampleId :
DBYF6

Tgt Ion:252 Resp: 5376
Ion Ratio Lower Upper
252 100
253 24.6 17.6 26.4
125 3.9 2.0 3.0

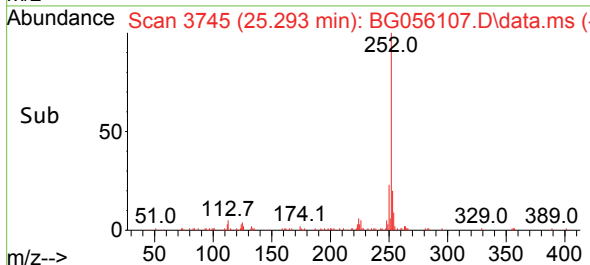
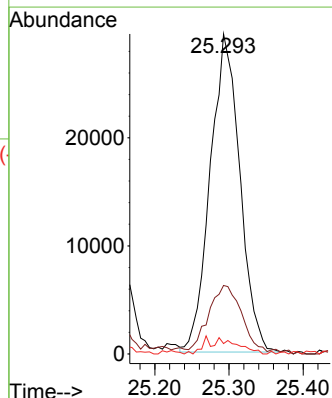
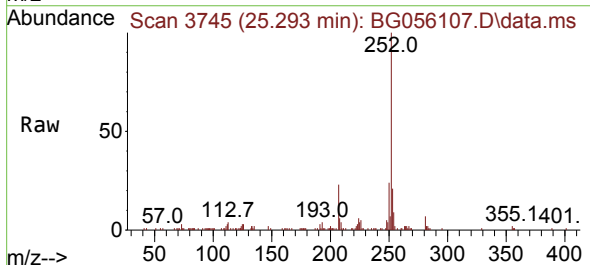
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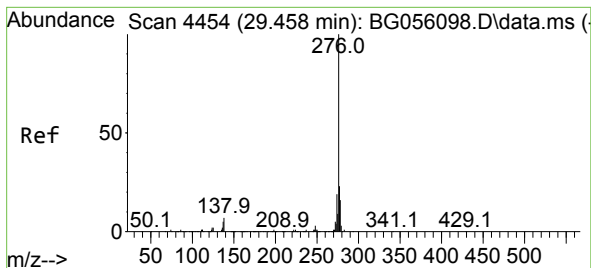
Reviewed By :Jagrut Upadhyay 12/25/2022
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#93
Benzo(a)pyrene
Concen: 3.954 ng/ul
RT: 25.293 min Scan# 3745
Delta R.T. -0.005 min
Lab File: BG056107.D
Acq: 25 Dec 2022 3:16

Tgt Ion:252 Resp: 81814
Ion Ratio Lower Upper
252 100
253 21.4 17.0 25.6
125 3.3 2.3 3.5





#94

Indeno(1,2,3-cd)pyrene

Concen: 2.412 ng/ul m

RT: 29.447 min Scan# 4454

Delta R.T. -0.005 min

Lab File: BG056107.D

Acq: 25 Dec 2022 3:16

Instrument :

BNA_G

ClientSampleId :

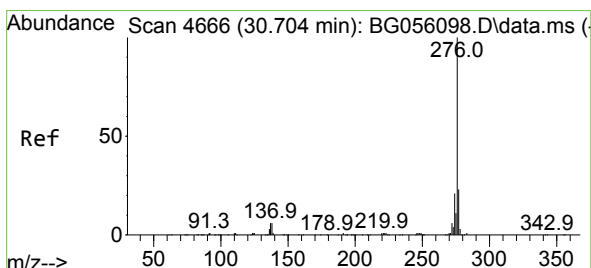
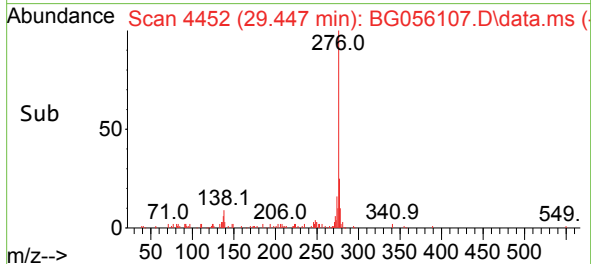
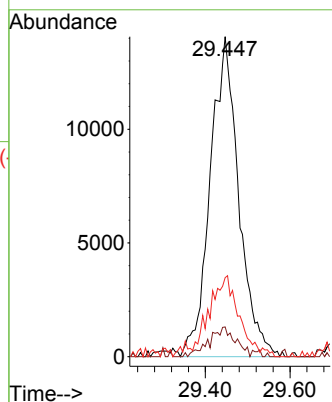
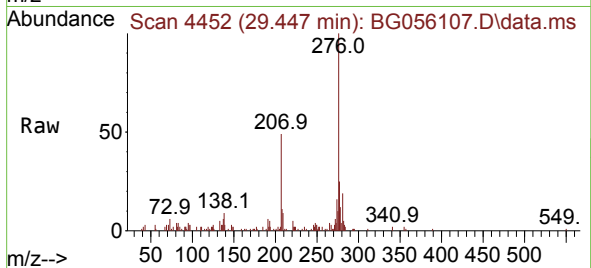
DBYF6

Tgt Ion:	276	Resp:	65740
Ion Ratio	Lower	Upper	
276	100		
138	9.3	4.4	6.6
277	24.7	20.7	31.1

Manual Integrations

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#96

Benzo(g,h,i)perylene

Concen: 2.697 ng/ul m

RT: 30.692 min Scan# 4664

Delta R.T. -0.017 min

Lab File: BG056107.D

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Tgt Ion:	276	Resp:	59072
Ion Ratio	Lower	Upper	
276	100		
138	7.7	5.1	7.7
277	23.6	18.5	27.7

