

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122422\
 Data File : BG056121.D
 Acq On : 25 Dec 2022 13:26
 Operator : CG/JU
 Sample : N6017-20
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DBYG8

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/26/2022
 Supervised By :Sohil Jodhani 12/26/2022

Quant Time: Dec 25 22:37:55 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	8.346	152	41177	20.000	ng/u1	0.00
20) Naphthalene-d8	11.178	136	165557	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.956	164	145788	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.688	188	349782	20.000	ng/u1	0.00
79) Chrysene-d12	21.989	240	338226	20.000	ng/u1	0.00
88) Perylene-d12	25.462	264	366718	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.652	96	2234	2.271	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	0.00
7) Phenol-d5	7.471	99	46488	12.446	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.653	67	19836	13.474	ng/u1	0.00
11) 2-Chlorophenol-d4	7.870	132	33060	14.976	ng/u1	0.00
15) 4-Methylphenol-d8	9.034	113	27504	9.784	ng/u1	0.00
21) Nitrobenzene-d5	9.516	128	18322	15.195	ng/u1	0.00
24) 2-Nitrophenol-d4	10.244	143	24402	15.489	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.785	165	46595	13.309	ng/u1	0.00
31) 4-Chloroaniline-d4	11.302	131	35369	8.932	ng/u1	0.00
46) Dimethylphthalate-d6	14.339	166	161034	14.272	ng/u1	0.00
49) Acenaphthylene-d8	14.651	160	179119	14.057	ng/u1	0.00
54) 4-Nitrophenol-d4	15.109	143	18133	10.676	ng/u1	0.00
60) Fluorene-d10	15.937	176	150980	13.556	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	16.043	200	28235	12.557	ng/u1	0.00
73) Anthracene-d10	17.788	188	228855	14.158	ng/u1	0.00
81) Pyrene-d10	20.050	212	290802	15.568	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.221	264	288514	15.479	ng/u1	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.729	178	352530	19.853	ng/u1	99
74) Anthracene	17.823	178	71736	3.946	ng/u1	97
80) Fluoranthene	19.721	202	653241	29.740	ng/u1	98
82) Pyrene	20.080	202	483099	21.802	ng/u1	98
85) Benzo(a)anthracene	21.972	228	274548	11.893	ng/u1	97
87) Chrysene	22.042	228	278792	13.013	ng/u1	98
90) Benzo(b)fluoranthene	24.351	252	292710	12.091	ng/u1	99
91) Benzo(k)fluoranthene	24.422	252	118561m	5.019	ng/u1	
93) Benzo(a)pyrene	25.291	252	180768	8.569	ng/u1	100
94) Indeno(1,2,3-cd)pyrene	29.439	276	129021	4.644	ng/u1#	97
95) Dibenzo(a,h)anthracene	29.498	278	39845m	1.715	ng/u1	
96) Benzo(g,h,i)perylene	30.697	276	107822m	4.829	ng/u1	

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

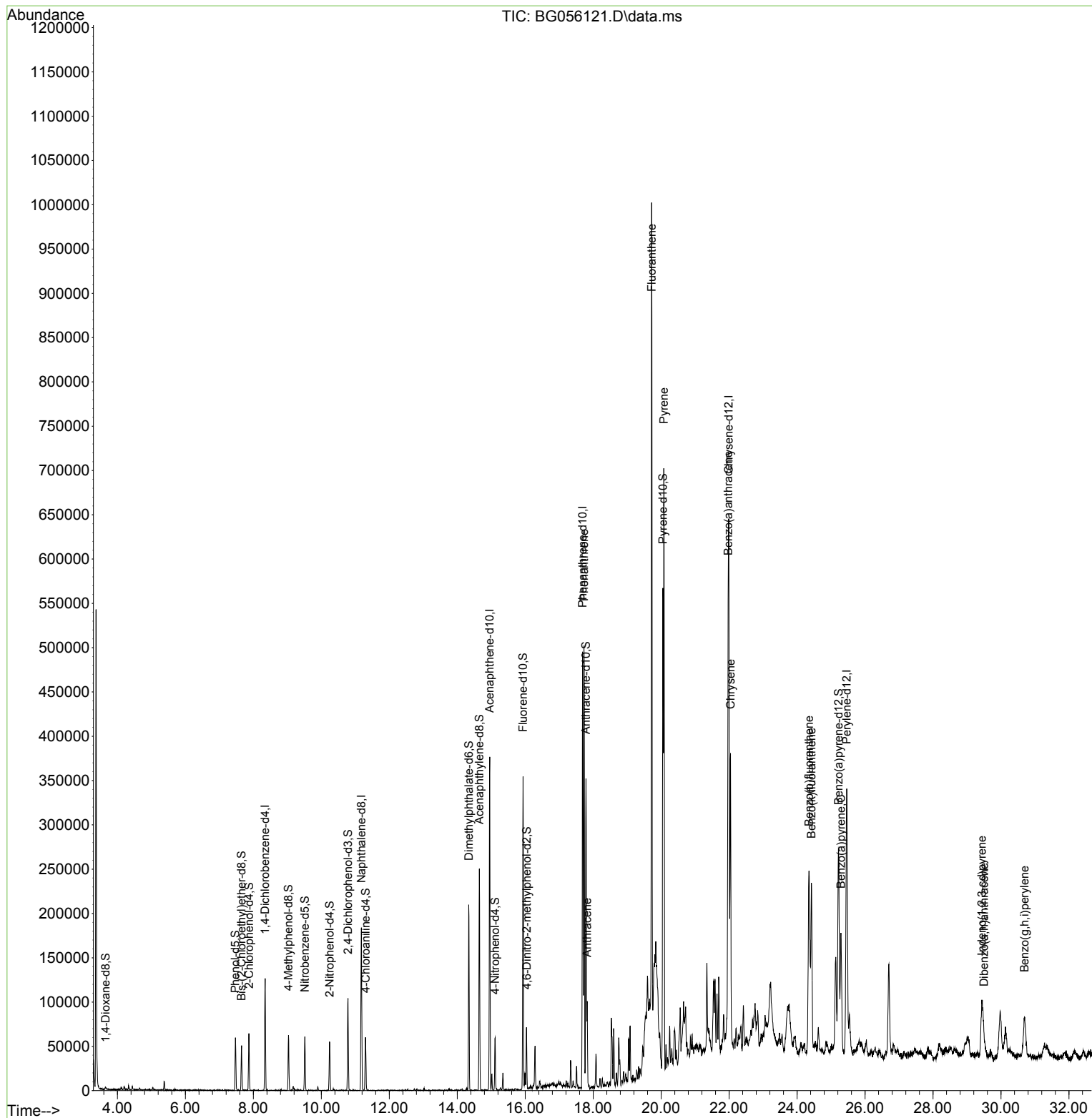
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122422\
Data File : BG056121.D
Acq On : 25 Dec 2022 13:26
Operator : CG/JU
Sample : N6017-20
Misc :
ALS Vial : 29 Sample Multiplier: 1

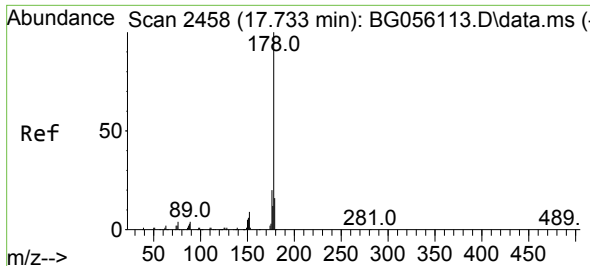
Instrument :
BNA_G
ClientSampleId :
DBYG8

Quant Time: Dec 25 22:37:55 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG122422.M
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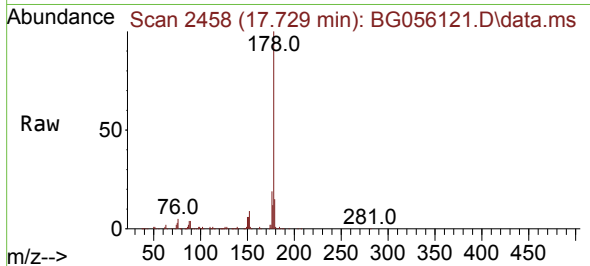
#72
Phenanthrene
Concen: 19.853 ng/ul
RT: 17.729 min Scan# 2458
Delta R.T. -0.007 min
Lab File: BG056121.D
Acq: 25 Dec 2022 13:26

Instrument :

BNA_G

ClientSampleId :

DBYG8

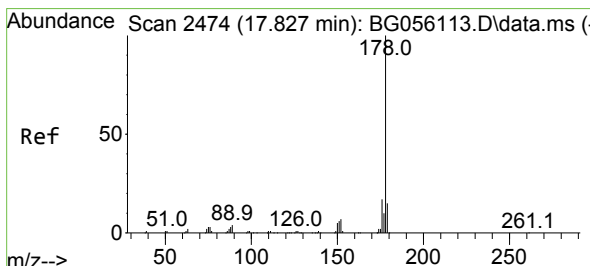
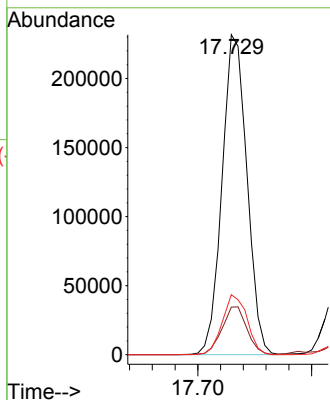
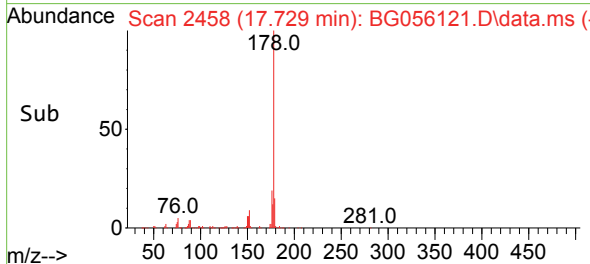


Tgt Ion:178 Resp: 352530
Ion Ratio Lower Upper
178 100
179 14.8 12.7 19.1
176 18.8 15.0 22.4

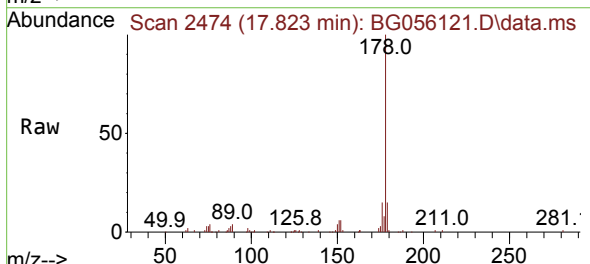
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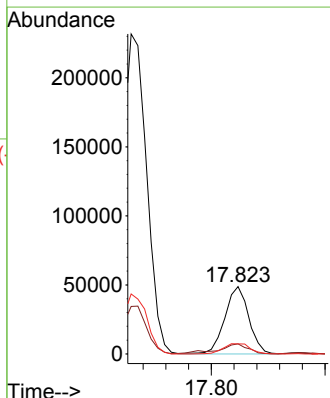
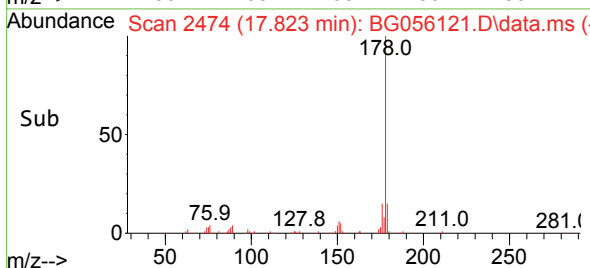
Reviewed By :Yogesh Patel 12/26/2022
Supervised By :Sohil Jodhani 12/26/2022

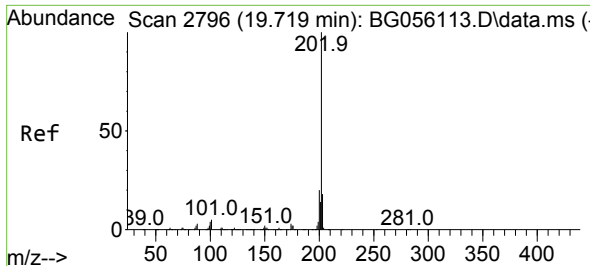


#74
Anthracene
Concen: 3.946 ng/ul
RT: 17.823 min Scan# 2474
Delta R.T. -0.001 min
Lab File: BG056121.D
Acq: 25 Dec 2022 13:26



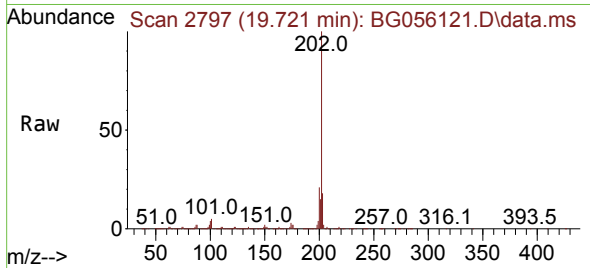
Tgt Ion:178 Resp: 71736
Ion Ratio Lower Upper
178 100
179 14.9 12.1 18.1
176 15.0 13.9 20.9





#80
Fluoranthene
Concen: 29.740 ng/ul
RT: 19.721 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG056121.D
Acq: 25 Dec 2022 13:26

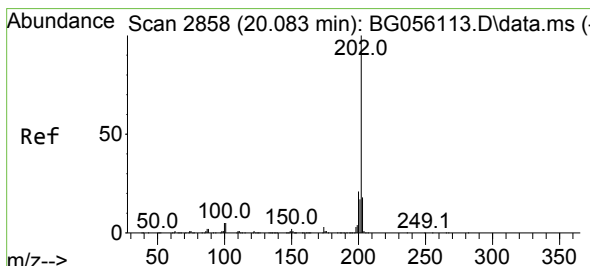
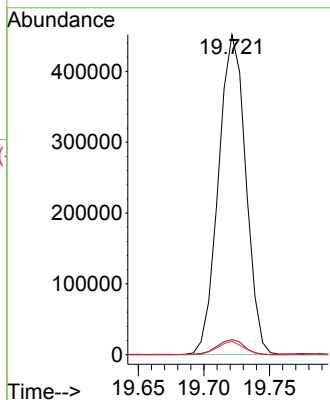
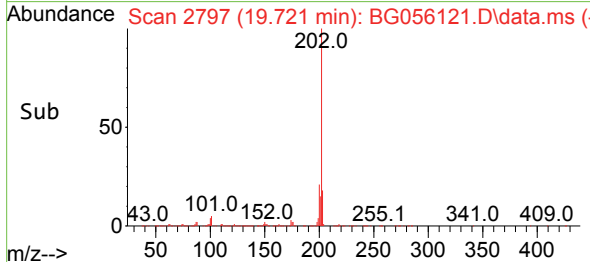
Instrument :
BNA_G
ClientSampleId :
DBYG8



Tgt Ion:202 Resp: 65324
Ion Ratio Lower Upper
202 100
101 4.7 3.2 4.8
100 4.2 3.0 4.4

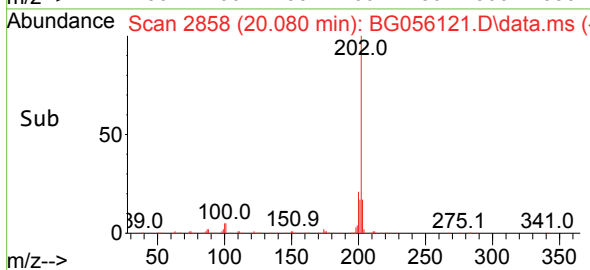
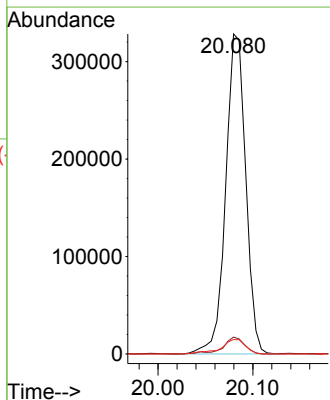
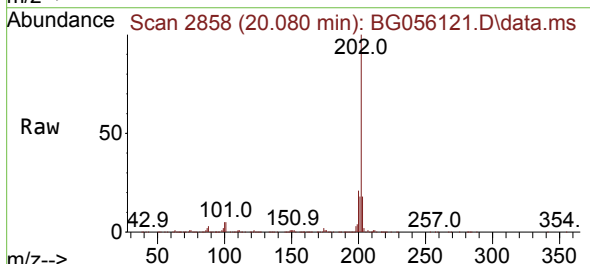
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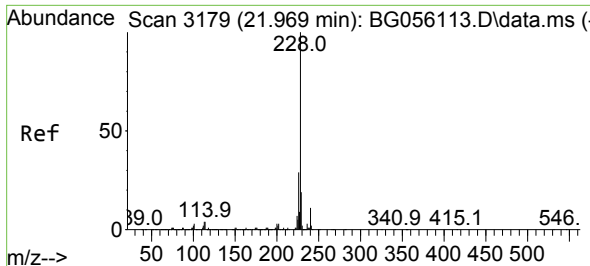
Reviewed By :Yogesh Patel 12/26/2022
Supervised By :Sohil Jodhani 12/26/2022



#82
Pyrene
Concen: 21.802 ng/ul
RT: 20.080 min Scan# 2858
Delta R.T. -0.007 min
Lab File: BG056121.D
Acq: 25 Dec 2022 13:26

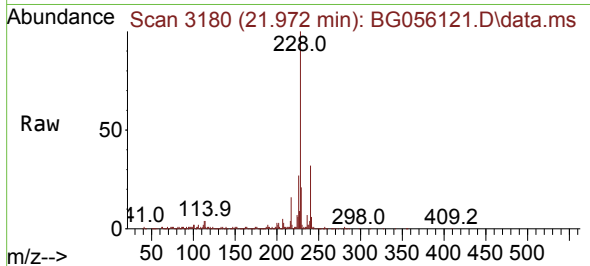
Tgt Ion:202 Resp: 483099
Ion Ratio Lower Upper
202 100
101 5.3 3.6 5.4
100 4.5 3.3 4.9





#85
Benzo(a)anthracene
Concen: 11.893 ng/ul
RT: 21.972 min Scan# 3179
Delta R.T. -0.001 min
Lab File: BG056121.D
Acq: 25 Dec 2022 13:26

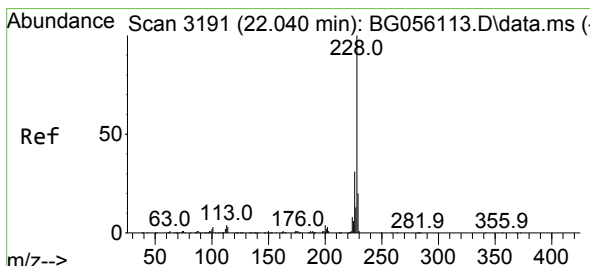
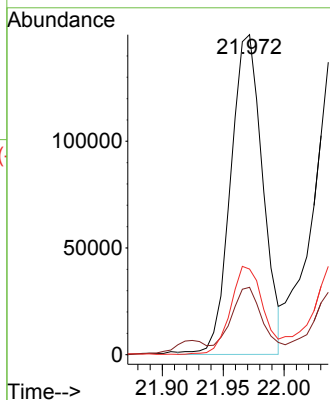
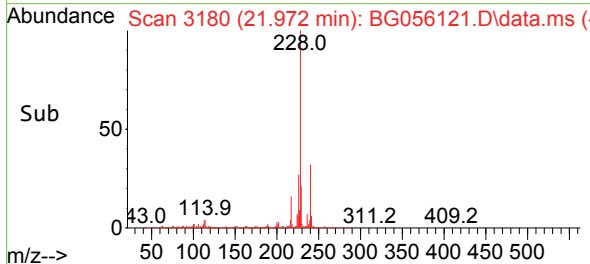
Instrument :
BNA_G
ClientSampleId :
DBYG8



Tgt Ion:228 Resp: 274548
Ion Ratio Lower Upper
228 100
229 21.1 15.5 23.3
226 26.7 22.3 33.5

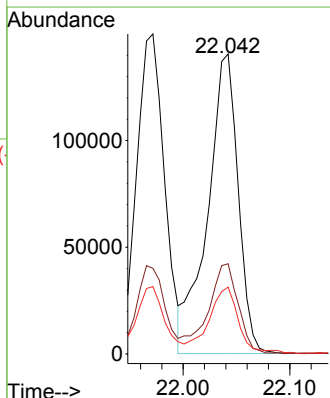
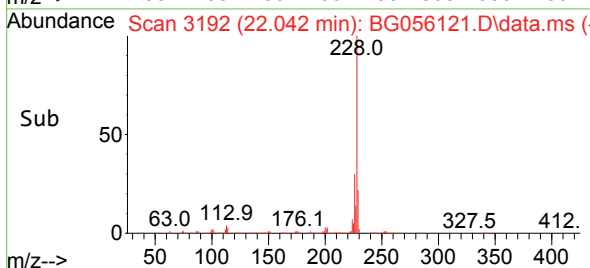
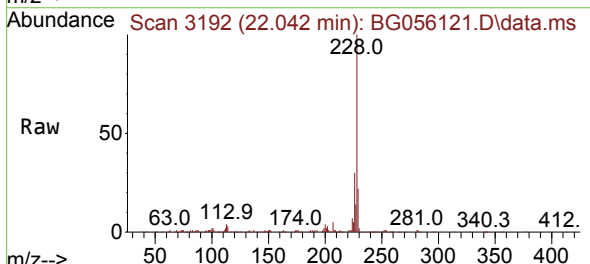
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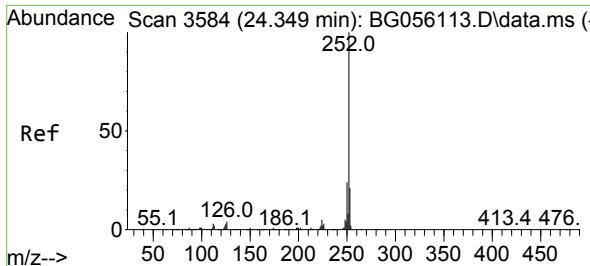
Reviewed By :Yogesh Patel 12/26/2022
Supervised By :Sohil Jodhani 12/26/2022



#87
Chrysene
Concen: 13.013 ng/ul
RT: 22.042 min Scan# 3192
Delta R.T. -0.001 min
Lab File: BG056121.D
Acq: 25 Dec 2022 13:26

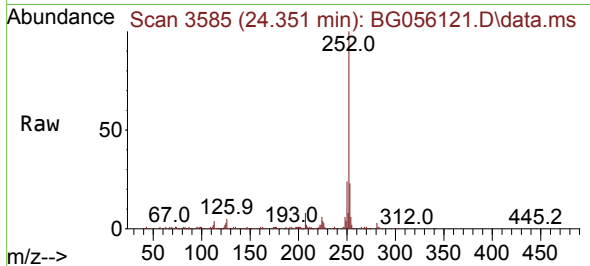
Tgt Ion:228 Resp: 278792
Ion Ratio Lower Upper
228 100
226 30.1 23.9 35.9
229 22.3 16.2 24.4





#90
Benzo(b)fluoranthene
Concen: 12.091 ng/ul
RT: 24.351 min Scan# 3584
Delta R.T. -0.001 min
Lab File: BG056121.D
Acq: 25 Dec 2022 13:26

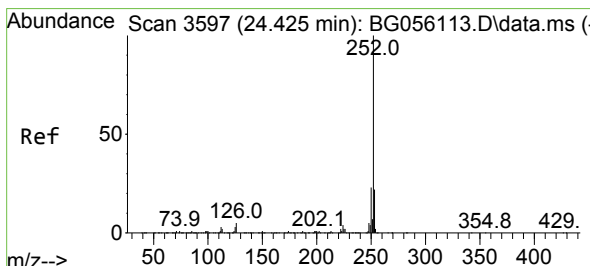
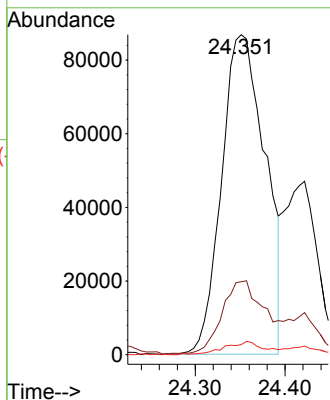
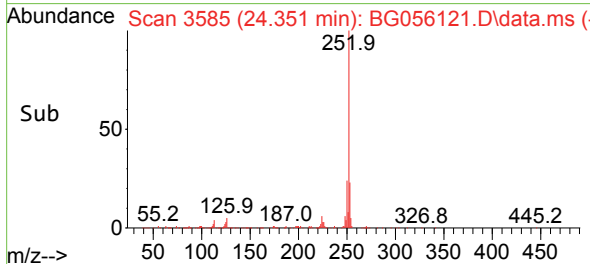
Instrument :
BNA_G
ClientSampleId :
DBYG8



Tgt Ion:252 Resp: 292710
Ion Ratio Lower Upper
252 100
253 22.8 18.5 27.7
125 3.2 2.2 3.4

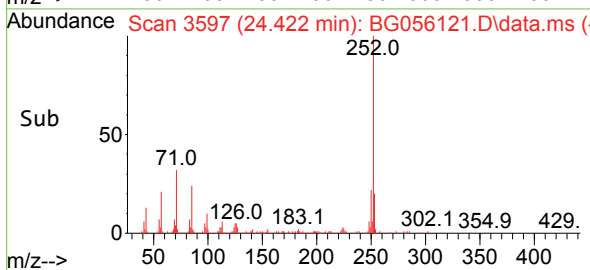
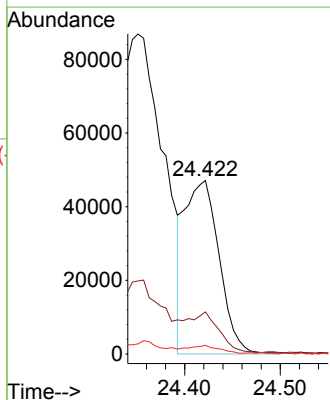
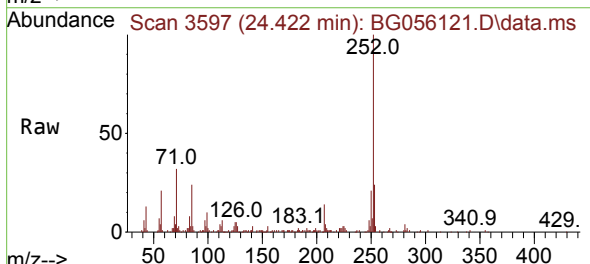
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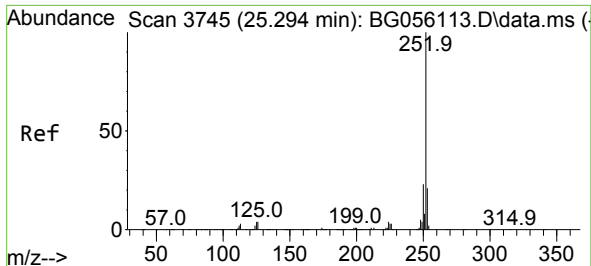
Reviewed By :Yogesh Patel 12/26/2022
Supervised By :Sohil Jodhani 12/26/2022



#91
Benzo(k)fluoranthene
Concen: 5.019 ng/ul m
RT: 24.422 min Scan# 3597
Delta R.T. -0.007 min
Lab File: BG056121.D
Acq: 25 Dec 2022 13:26

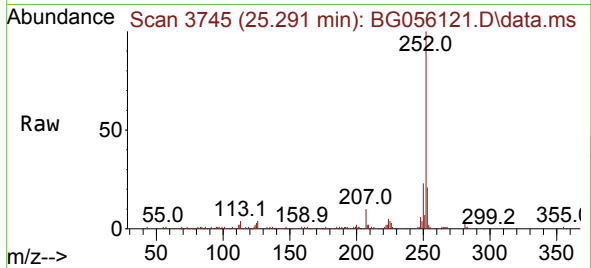
Tgt Ion:252 Resp: 118561
Ion Ratio Lower Upper
252 100
253 24.3 17.6 26.4
125 5.0 2.0 3.0#





#93
Benzo(a)pyrene
Concen: 8.569 ng/ul
RT: 25.291 min Scan# 31
Delta R.T. -0.007 min
Lab File: BG056121.D
Acq: 25 Dec 2022 13:26

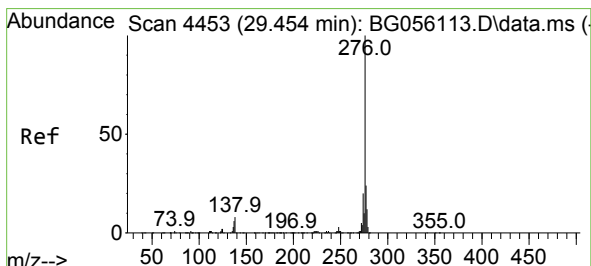
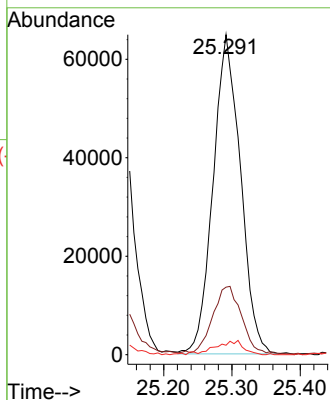
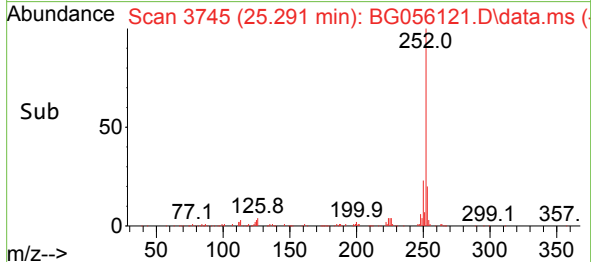
Instrument :
BNA_G
ClientSampleId :
DBYG8



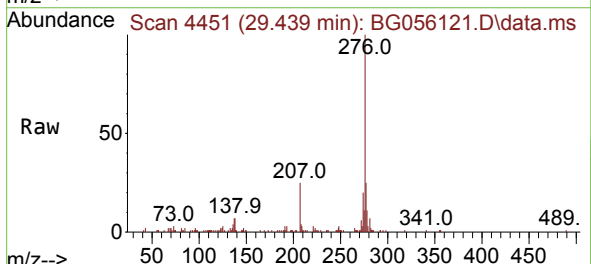
Tgt Ion:252 Resp: 180768
Ion Ratio Lower Upper
252 100
253 21.1 17.0 25.6
125 3.0 2.3 3.5

Manual Integrations
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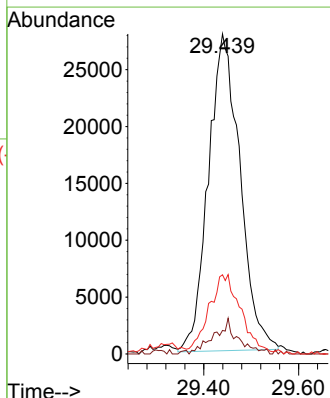
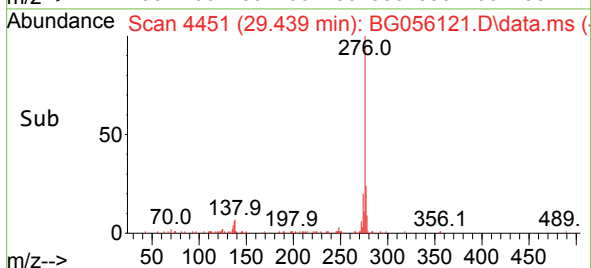
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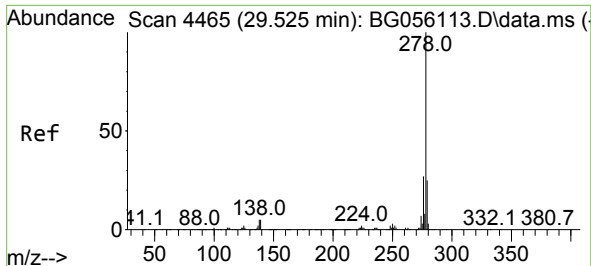


#94
Indeno(1,2,3-cd)pyrene
Concen: 4.644 ng/ul
RT: 29.439 min Scan# 4451
Delta R.T. -0.012 min
Lab File: BG056121.D
Acq: 25 Dec 2022 13:26



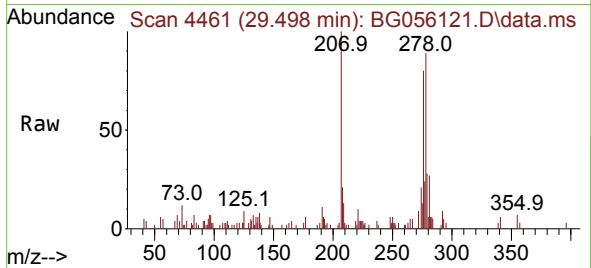
Tgt Ion:276 Resp: 129021
Ion Ratio Lower Upper
276 100
138 8.3 4.4 6.6#
277 24.8 20.7 31.1





#95
Dibenzo(a,h)anthracene
Concen: 1.715 ng/ul m
RT: 29.498 min Scan# 4461
Delta R.T. -0.030 min
Lab File: BG056121.D
Acq: 25 Dec 2022 13:26

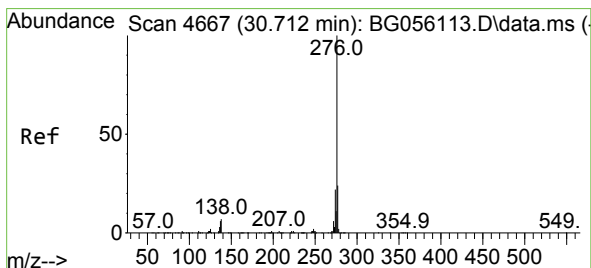
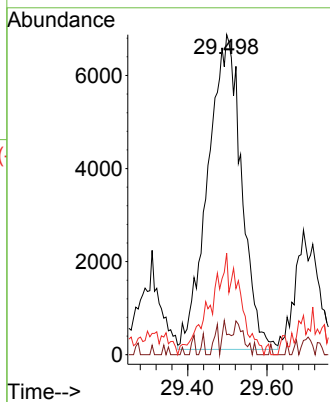
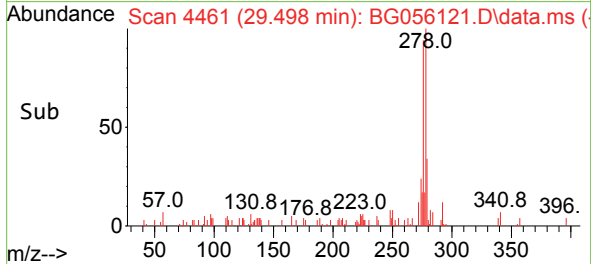
Instrument :
BNA_G
ClientSampleId :
DBYG8



Tgt Ion:278 Resp: 3984
Ion Ratio Lower Upper
278 100
139 3.7 4.3 6.5
279 31.7 18.3 27.5

Manual Integrations
APPROVED

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Supervised By :Sohil Jodhani 12/26/2022



#96
Benzo(g,h,i)perylene
Concen: 4.829 ng/ul m
RT: 30.697 min Scan# 4665
Delta R.T. -0.012 min
Lab File: BG056121.D
Acq: 25 Dec 2022 13:26

Tgt Ion:276 Resp: 107822
Ion Ratio Lower Upper
276 100
138 4.9 5.1 7.7#
277 24.3 18.5 27.7

