

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122422\
 Data File : BG056122.D
 Acq On : 25 Dec 2022 14:49
 Operator : CG/JU
 Sample : N6017-22
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DBYH1

Manual Integrations
 APPROVED

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

Quant Time: Dec 25 22:38:06 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	8.347	152	40150	20.000	ng/u1	0.00
20) Naphthalene-d8	11.179	136	160198	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.957	164	137145	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.689	188	338955	20.000	ng/u1	0.00
79) Chrysene-d12	21.990	240	327375	20.000	ng/u1	0.00
88) Perylene-d12	25.462	264	345260	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.647	96	5242	5.465	ng/uL	0.00
4) Pyridine-d5	4.082	84	86795	27.754	ng/u1	0.00
7) Phenol-d5	7.478	99	151121	41.494	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.654	67	56198	39.151	ng/u1	0.00
11) 2-Chlorophenol-d4	7.871	132	96952	45.041	ng/u1	0.00
15) 4-Methylphenol-d8	9.035	113	114173	41.654	ng/u1	0.00
21) Nitrobenzene-d5	9.516	128	52938	45.371	ng/u1	0.00
24) 2-Nitrophenol-d4	10.245	143	73839	48.437	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.785	165	145919	43.075	ng/u1	0.00
31) 4-Chloroaniline-d4	11.302	131	115901	30.248	ng/u1	0.00
46) Dimethylphthalate-d6	14.340	166	465033	43.811	ng/u1	0.00
49) Acenaphthylene-d8	14.651	160	523582	43.679	ng/u1	0.00
54) 4-Nitrophenol-d4	15.116	143	70987	44.428	ng/u1	0.00
60) Fluorene-d10	15.938	176	441362	42.126	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	16.038	200	99889	45.843	ng/u1	0.00
73) Anthracene-d10	17.789	188	701726m	44.800	ng/u1	0.00
81) Pyrene-d10	20.057	212	828498	45.824	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.233	264	835451	47.607	ng/u1	0.01
Target Compounds					Qvalue	
30) Naphthalene	11.226	128	19011	2.278	ng/u1#	94
50) Acenaphthylene	14.681	152	16611m	1.394	ng/u1	
72) Phenanthrene	17.730	178	121783	7.077	ng/u1	99
74) Anthracene	17.824	178	31090m	1.765	ng/u1	
80) Fluoranthene	19.722	202	604246	28.421	ng/u1	99
82) Pyrene	20.086	202	482705	22.507	ng/u1#	98
85) Benzo(a)anthracene	21.972	228	393306	17.602	ng/u1	98
87) Chrysene	22.043	228	383700	18.503	ng/u1	97
90) Benzo(b)fluoranthene	24.352	252	564087	24.749	ng/u1#	97
91) Benzo(k)fluoranthene	24.416	252	201636m	9.066	ng/u1	
93) Benzo(a)pyrene	25.298	252	358590	18.055	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	29.446	276	281199m	10.749	ng/u1	
95) Dibenzo(a,h)anthracene	29.505	278	78186m	3.573	ng/u1	
96) Benzo(g,h,i)perylene	30.709	276	253597	12.063	ng/u1	99

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

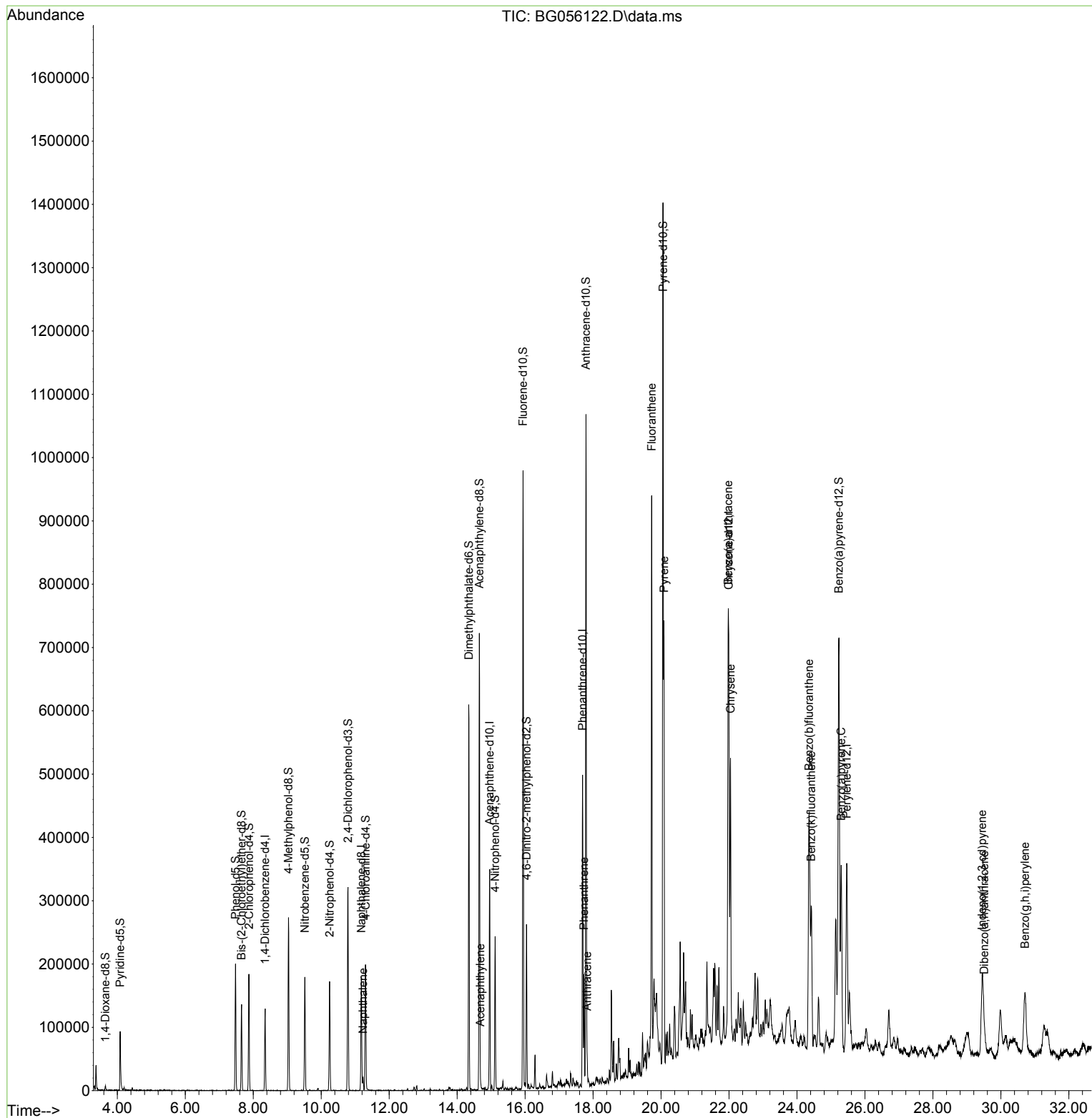
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122422\
 Data File : BG056122.D
 Acq On : 25 Dec 2022 14:49
 Operator : CG/JU
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 Misc :
 ALS Vial : 31 Sample Multiplier: 1

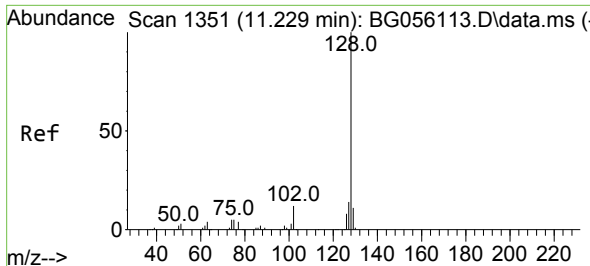
Instrument :
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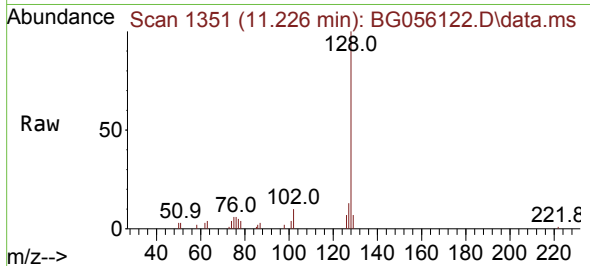
Quant Time: Dec 25 22:38:06 2022
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 Quant Title : SVOA CALIBRATION
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#30
Naphthalene
Concen: 2.278 ng/ul
RT: 11.226 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG056122.D
Acq: 25 Dec 2022 14:49

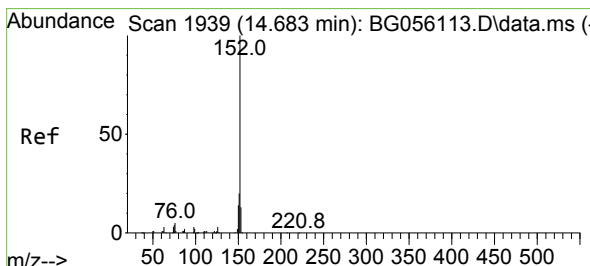
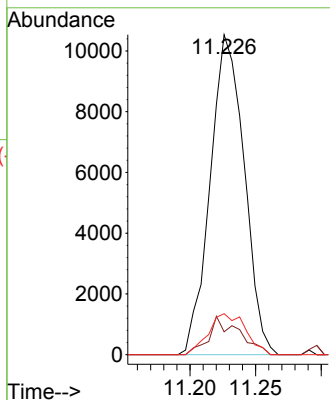
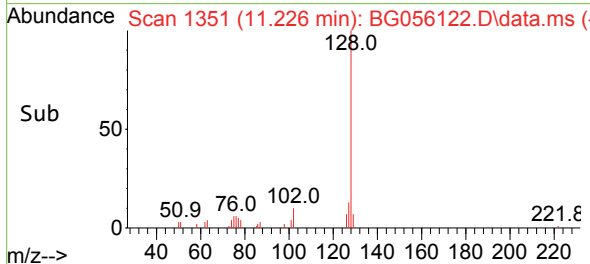
Instrument :
BNA_G
ClientSampleId :
DBYH1



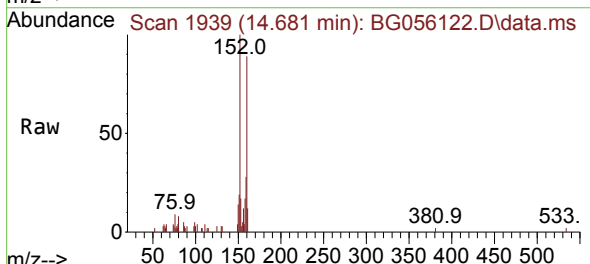
Tgt Ion:128 Resp: 1901
Ion Ratio Lower Upper
128 100
129 7.1 8.4 12.6
127 12.8 11.6 17.4

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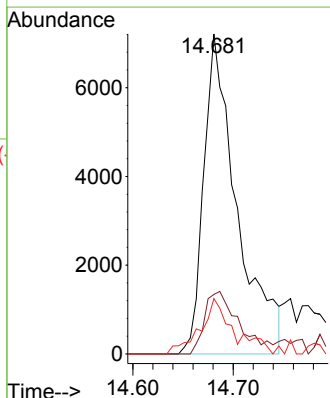
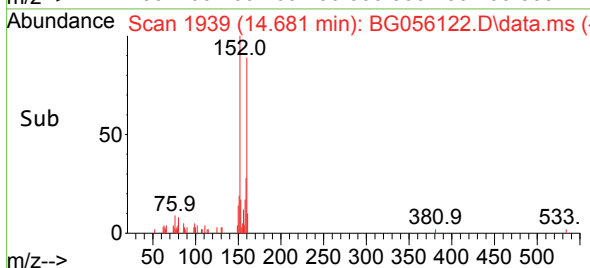
Reviewed By :Yogesh Patel 12/26/2022
Supervised By :Sohil Jodhani 12/26/2022

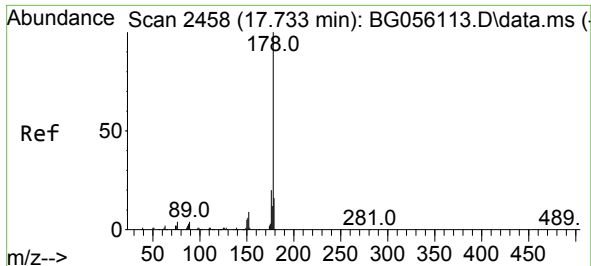


#50
Acenaphthylene
Concen: 1.394 ng/ul m
RT: 14.681 min Scan# 1939
Delta R.T. 0.000 min
Lab File: BG056122.D
Acq: 25 Dec 2022 14:49



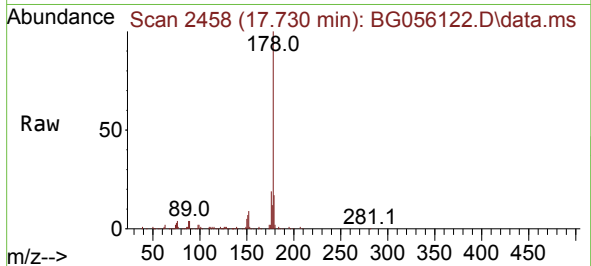
Tgt Ion:152 Resp: 16611
Ion Ratio Lower Upper
152 100
151 18.6 16.2 24.2
153 17.3 9.7 14.5#





#72
Phenanthrene
Concen: 7.077 ng/ul
RT: 17.730 min Scan# 2458
Delta R.T. -0.006 min
Lab File: BG056122.D
Acq: 25 Dec 2022 14:49

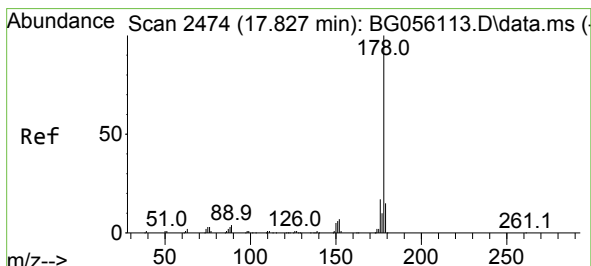
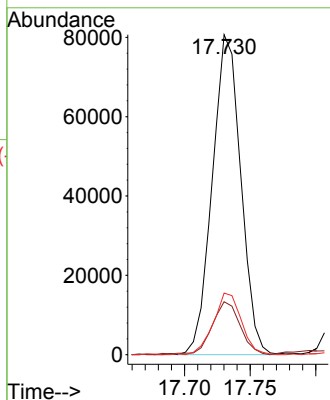
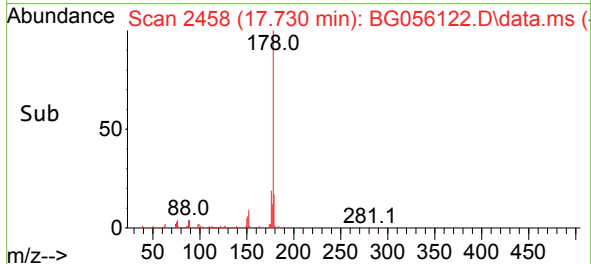
Instrument :
BNA_G
ClientSampleId :
DBYH1



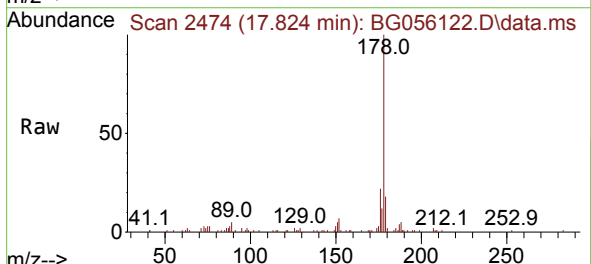
Tgt Ion:178 Resp: 121783
Ion Ratio Lower Upper
178 100
179 16.6 12.7 19.1
176 19.3 15.0 22.4

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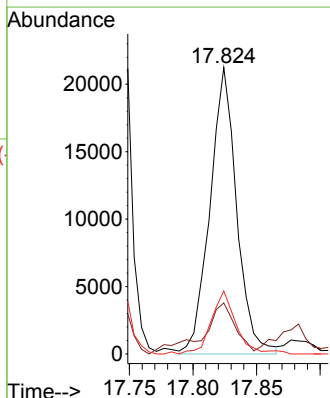
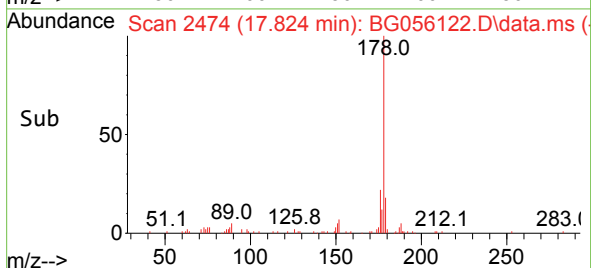
Reviewed By :Yogesh Patel 12/26/2022
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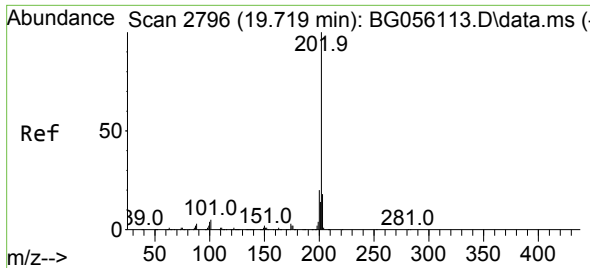


#74
Anthracene
Concen: 1.765 ng/ul m
RT: 17.824 min Scan# 2474
Delta R.T. 0.000 min
Lab File: BG056122.D
Acq: 25 Dec 2022 14:49



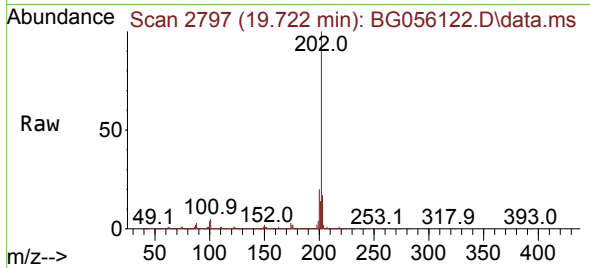
Tgt Ion:178 Resp: 31090
Ion Ratio Lower Upper
178 100
179 17.8 12.1 18.1
176 22.0 13.9 20.9#





#80
Fluoranthene
Concen: 28.421 ng/u1
RT: 19.722 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG056122.D
Acq: 25 Dec 2022 14:49

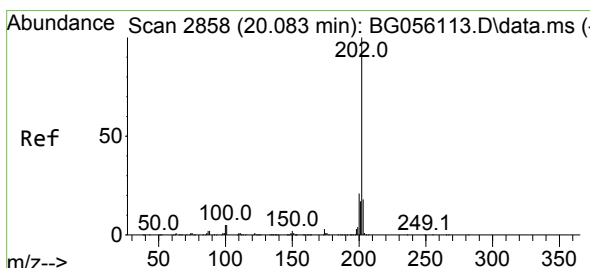
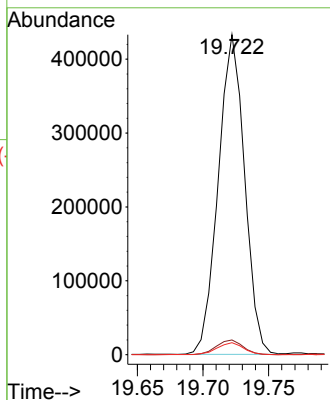
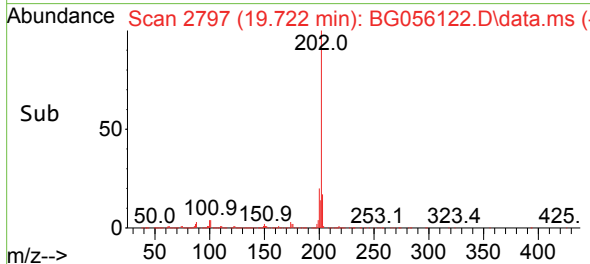
Instrument :
BNA_G
ClientSampleId :
DBYH1



Tgt Ion:202 Resp: 604240
Ion Ratio Lower Upper
202 100
101 4.6 3.2 4.8
100 3.7 3.0 4.4

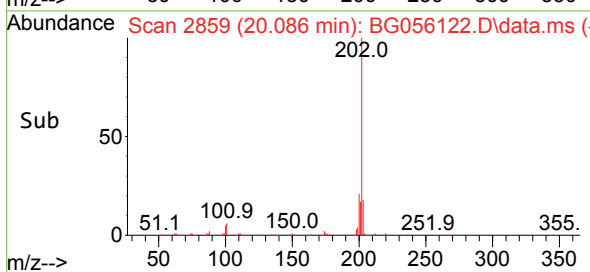
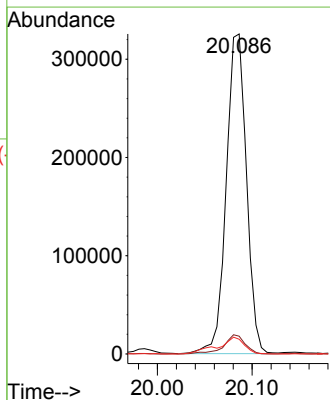
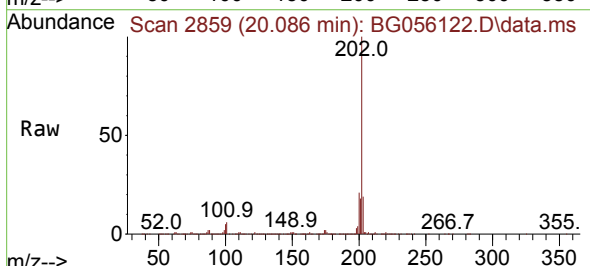
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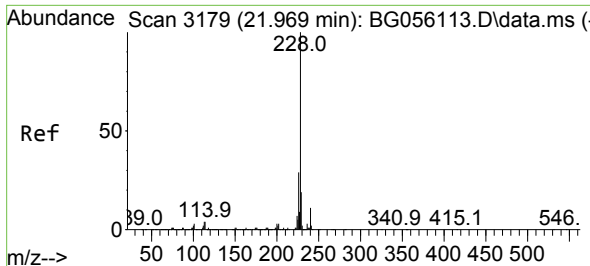
Reviewed By :Yogesh Patel 12/26/2022
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#82
Pyrene
Concen: 22.507 ng/u1
RT: 20.086 min Scan# 2859
Delta R.T. 0.000 min
Lab File: BG056122.D
Acq: 25 Dec 2022 14:49

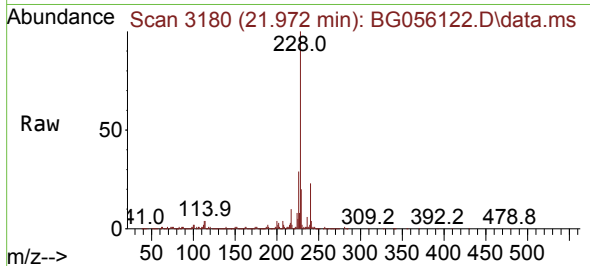
Tgt Ion:202 Resp: 482705
Ion Ratio Lower Upper
202 100
101 5.6 3.6 5.4#
100 4.6 3.3 4.9





#85
Benzo(a)anthracene
Concen: 17.602 ng/ul
RT: 21.972 min Scan# 3179
Delta R.T. 0.000 min
Lab File: BG056122.D
Acq: 25 Dec 2022 14:49

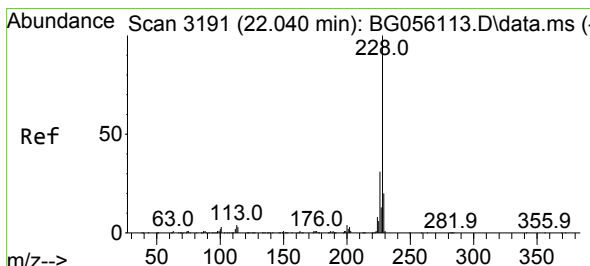
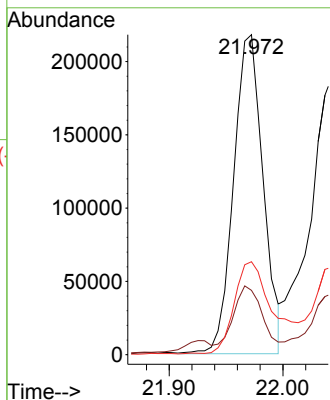
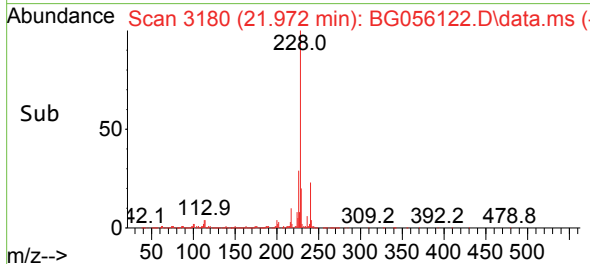
Instrument :
BNA_G
ClientSampleId :
DBYH1



Tgt Ion:228 Resp: 393300
Ion Ratio Lower Upper
228 100
229 20.1 15.5 23.3
226 29.1 22.3 33.5

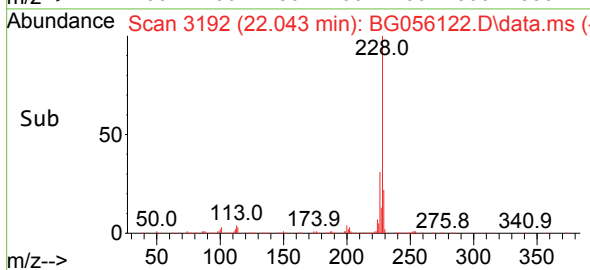
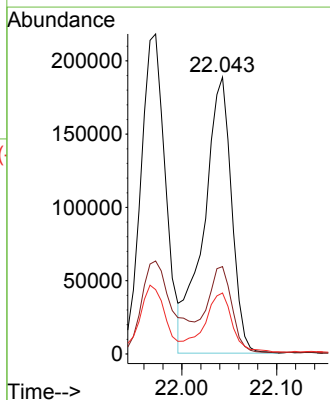
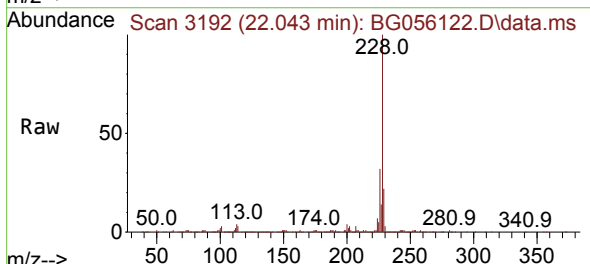
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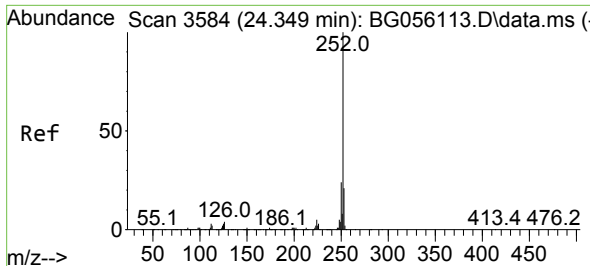
Reviewed By :Yogesh Patel 12/26/2022
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#87
Chrysene
Concen: 18.503 ng/ul
RT: 22.043 min Scan# 3192
Delta R.T. 0.000 min
Lab File: BG056122.D
Acq: 25 Dec 2022 14:49

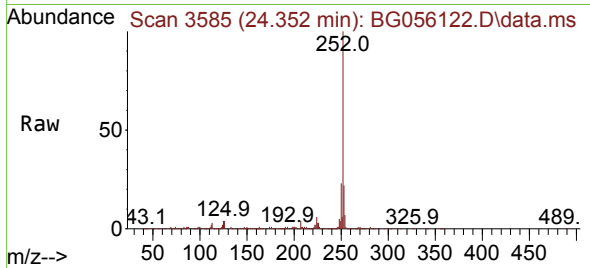
Tgt Ion:228 Resp: 383700
Ion Ratio Lower Upper
228 100
226 31.5 23.9 35.9
229 22.0 16.2 24.4





#90
Benzo(b)fluoranthene
Concen: 24.749 ng/ul
RT: 24.352 min Scan# 3585
Delta R.T. 0.000 min
Lab File: BG056122.D
Acq: 25 Dec 2022 14:49

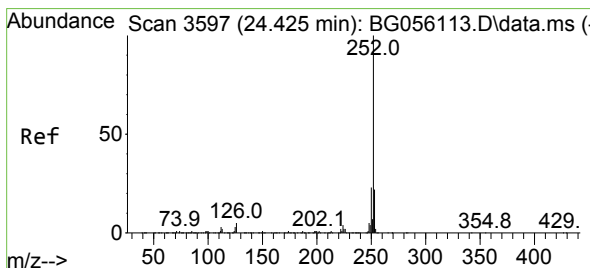
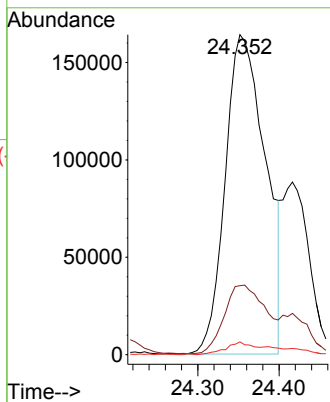
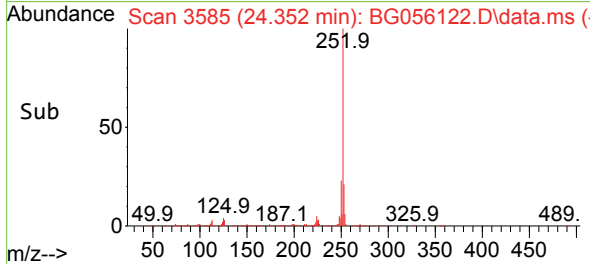
Instrument :
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ClientSampleId :
DBYH1



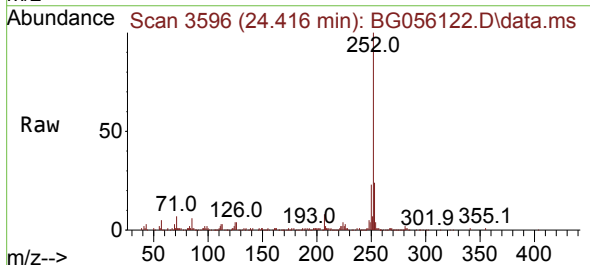
Tgt Ion:252 Resp: 56408
Ion Ratio Lower Upper
252 100
253 21.6 18.5 27.7
125 4.0 2.2 3.4

Manual Integrations
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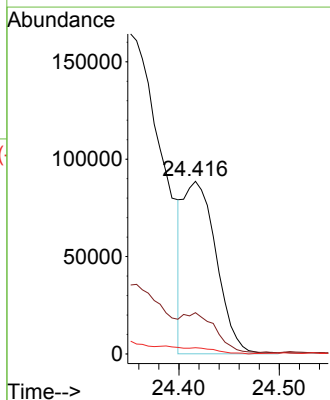
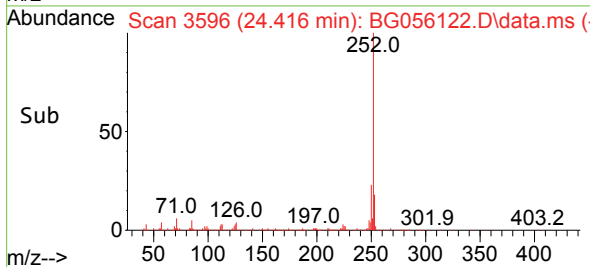
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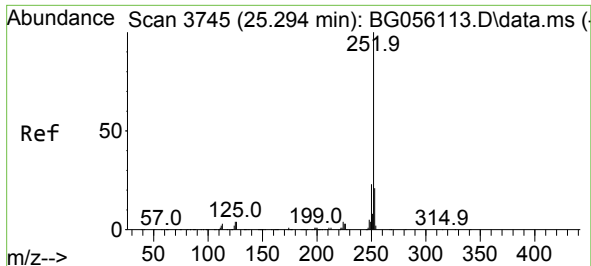


#91
Benzo(k)fluoranthene
Concen: 9.066 ng/ul m
RT: 24.416 min Scan# 3596
Delta R.T. -0.012 min
Lab File: BG056122.D
Acq: 25 Dec 2022 14:49



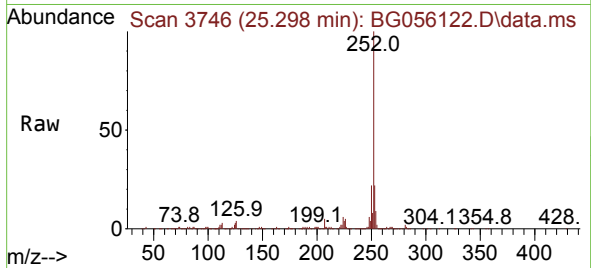
Tgt Ion:252 Resp: 201636
Ion Ratio Lower Upper
252 100
253 23.9 17.6 26.4
125 3.7 2.0 3.0





#93
Benzo(a)pyrene
Concen: 18.055 ng/ul
RT: 25.298 min Scan# 31
Delta R.T. -0.000 min
Lab File: BG056122.D
Acq: 25 Dec 2022 14:49

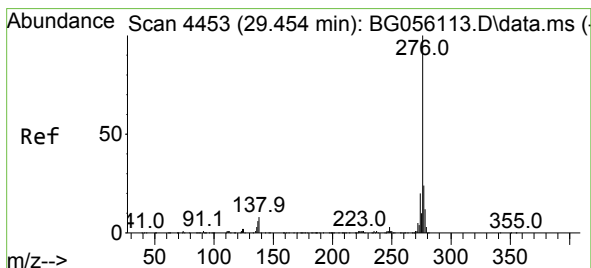
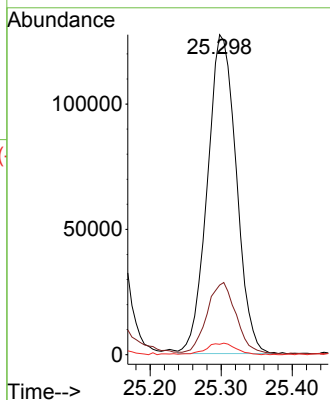
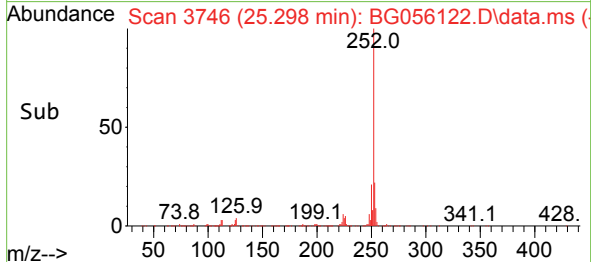
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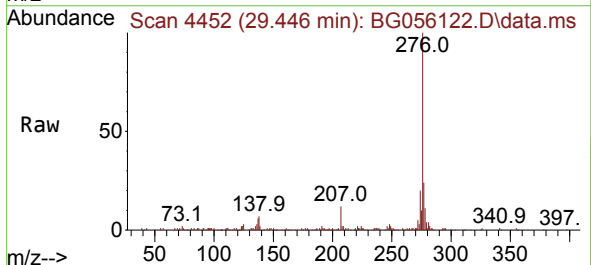
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Ion Ratio Lower Upper
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253 21.8 17.0 25.6
125 3.3 2.3 3.5

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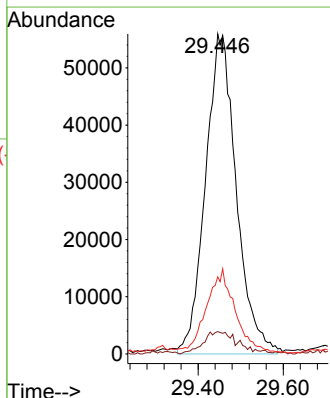
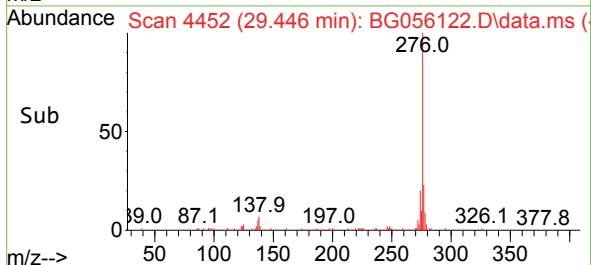
Reviewed By :Yogesh Patel 12/26/2022
Supervised By :Sohil Jodhani 12/26/2022

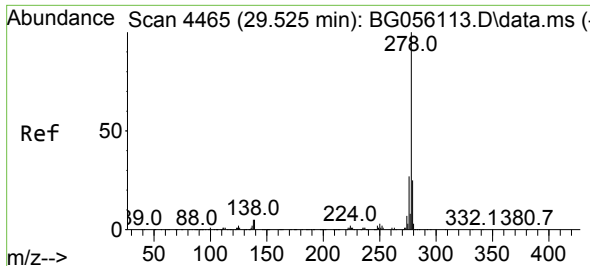


#94
Indeno(1,2,3-cd)pyrene
Concen: 10.749 ng/ul m
RT: 29.446 min Scan# 4452
Delta R.T. -0.006 min
Lab File: BG056122.D
Acq: 25 Dec 2022 14:49



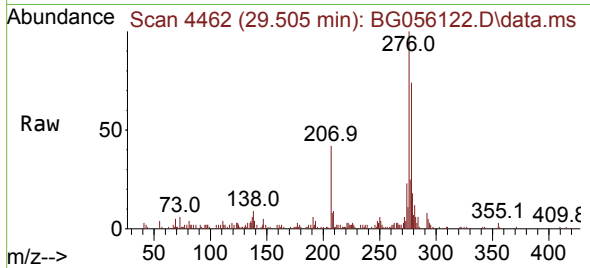
Tgt Ion:276 Resp: 281199
Ion Ratio Lower Upper
276 100
138 7.0 4.4 6.6#
277 24.1 20.7 31.1





#95
 Dibenzo(a,h)anthracene
 Concen: 3.573 ng/ul m
 RT: 29.505 min Scan# 4465
 Delta R.T. -0.023 min
 Lab File: BG056122.D
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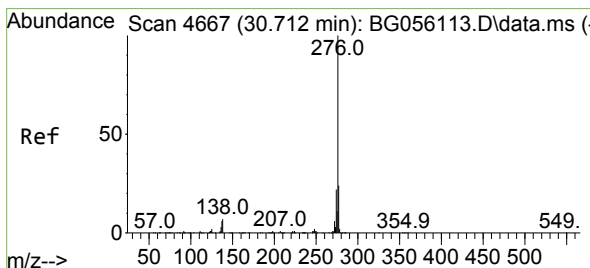
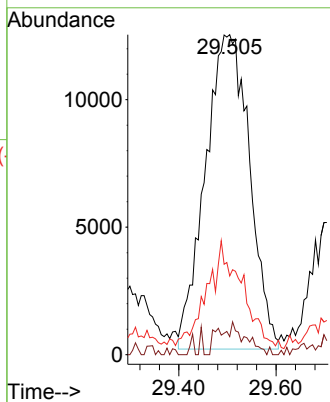
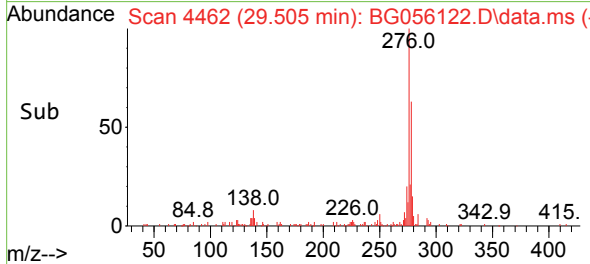
Instrument :
 BNA_G
 ClientSampleId :
 DBYH1



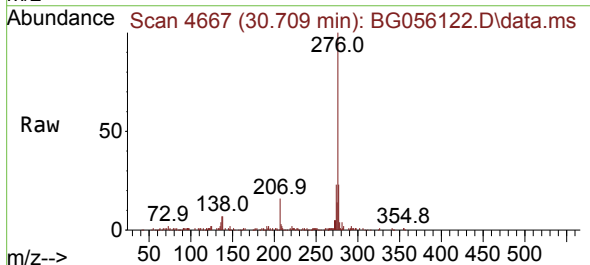
Tgt Ion: 278 Resp: 78180
 Ion Ratio Lower Upper
 278 100
 139 5.6 4.3 6.5
 279 24.6 18.3 27.5

Manual Integrations
 APPROVED

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



#96
 Benzo(g,h,i)perylene
 Concen: 12.063 ng/ul
 RT: 30.709 min Scan# 4667
 Delta R.T. 0.000 min
 Lab File: BG056122.D
 Acq: 25 Dec 2022 14:49



Tgt Ion: 276 Resp: 253597
 Ion Ratio Lower Upper
 276 100
 138 7.2 5.1 7.7
 277 22.9 18.5 27.7

