

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080222\
 Data File : BG054491.D
 Acq On : 2 Aug 2022 20:20
 Operator : CG/JU
 Sample : N3895-11
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RVE-49

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 08/03/2022
 Supervised By : Jagrut Upadhyay 08/04/2022

Quant Time: Aug 03 04:14:46 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 28 04:30:50 2022
 Response via : Initial Calibration

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

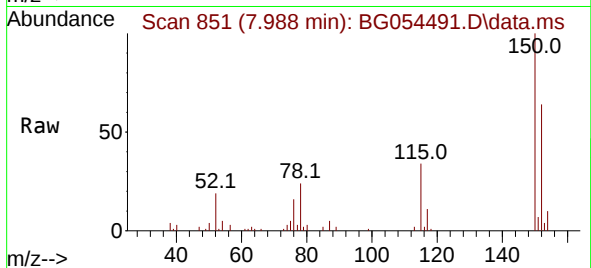
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.988	152	19279	20.000	ng	0.00
21) Naphthalene-d8	10.796	136	71500	20.000	ng	# 0.00
39) Acenaphthene-d10	14.627	164	52667	20.000	ng	0.00
64) Phenanthrene-d10	17.371	188	129547	20.000	ng	# 0.00
76) Chrysene-d12	21.642	240	146076	20.000	ng	# 0.00
86) Perylene-d12	24.856	264	145054	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.573	112	87116	94.345	ng	0.01
7) Phenol-d6	7.189	99	121075	95.692	ng	0.02
23) Nitrobenzene-d5	9.151	82	81048	61.729	ng	0.00
42) 2,4,6-Tribromophenol	16.125	330	109953	99.432	ng	0.01
45) 2-Fluorobiphenyl	13.246	172	245802	65.838	ng	0.00
79) Terphenyl-d14	19.980	244	487926	66.263	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	19.427	202	33133	3.768	ng	95
78) Pyrene	19.792	202	46307	5.525	ng	98
81) Benzo(a)anthracene	21.625	228	24275	2.618	ng	# 94
83) Chrysene	21.684	228	33591	3.834	ng	# 93
88) Benzo(b)fluoranthene	23.846	252	36073m	4.205	ng	
90) Benzo(a)pyrene	24.704	252	25215	3.442	ng	# 89

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.988 min Scan# 81
Delta R.T. -0.000 min
Lab File: BG054491.D
Acq: 2 Aug 2022 20:20

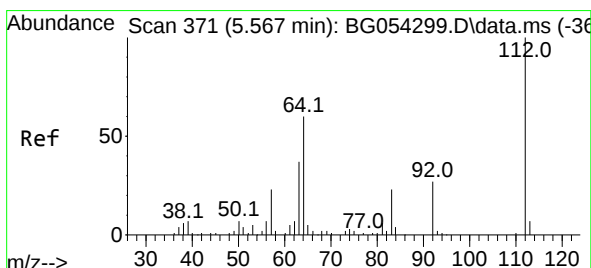
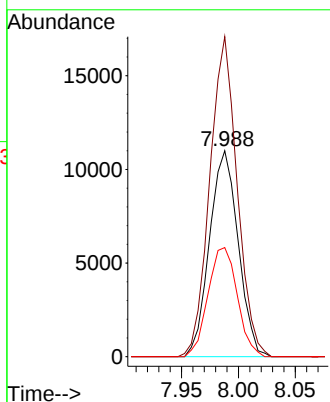
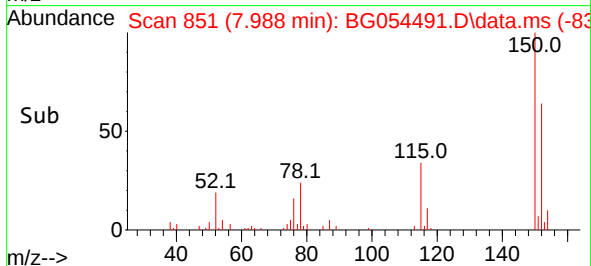
Instrument :
BNA_G
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RVE-49



Tgt Ion:152 Resp: 19279
Ion Ratio Lower Upper
152 100
150 155.3 131.6 197.4
115 52.9 50.9 76.3

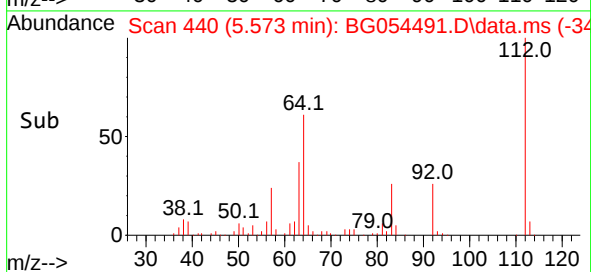
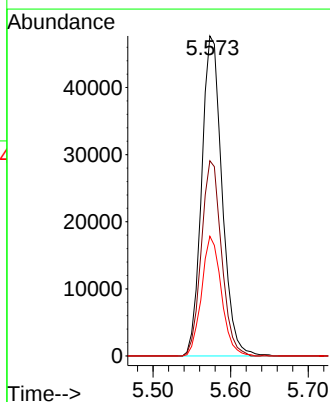
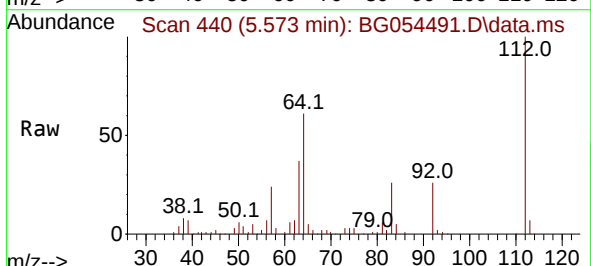
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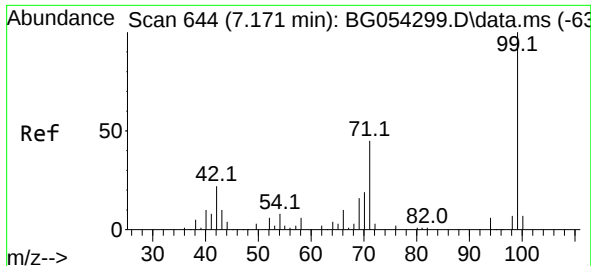
Reviewed By :Christian Giraldo 08/03/2022
Supervised By :Jagrut Upadhyay 08/04/2022



#5
2-Fluorophenol
Concen: 94.345 ng
RT: 5.573 min Scan# 440
Delta R.T. 0.011 min
Lab File: BG054491.D
Acq: 2 Aug 2022 20:20

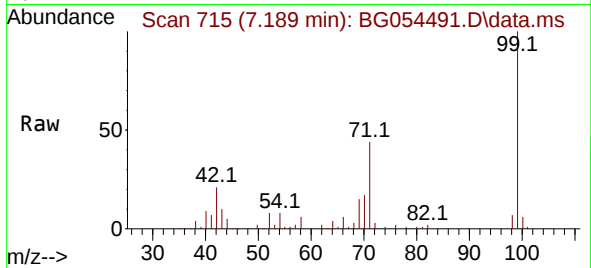
Tgt Ion:112 Resp: 87116
Ion Ratio Lower Upper
112 100
64 61.0 55.1 82.7
63 37.4 30.4 45.6





#7
Phenol-d6
Concen: 95.692 ng
RT: 7.189 min Scan# 71
Delta R.T. 0.017 min
Lab File: BG054491.D
Acq: 2 Aug 2022 20:20

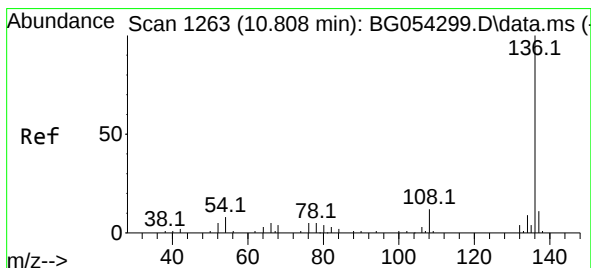
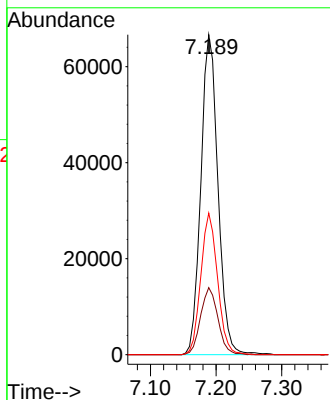
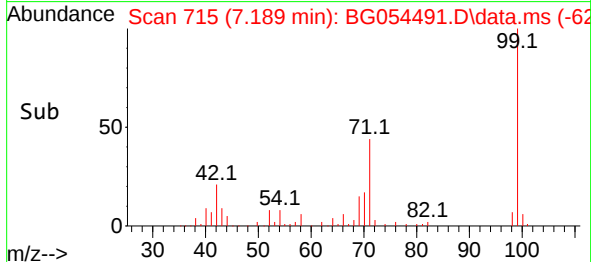
Instrument :
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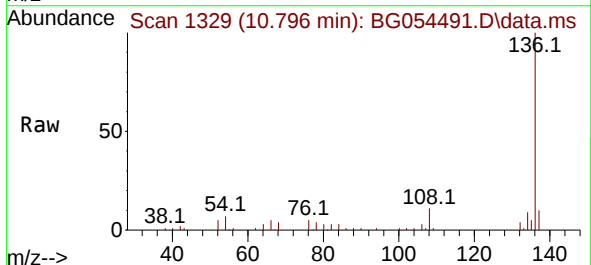
Tgt Ion: 99 Resp: 121075
Ion Ratio Lower Upper
99 100
42 20.9 17.0 25.6
71 44.2 33.8 50.8

Manual Integrations
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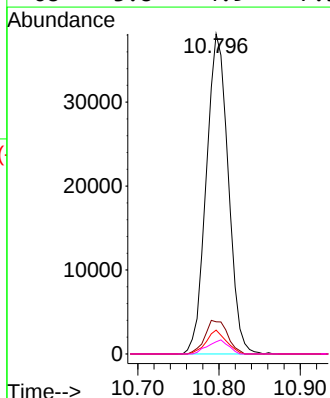
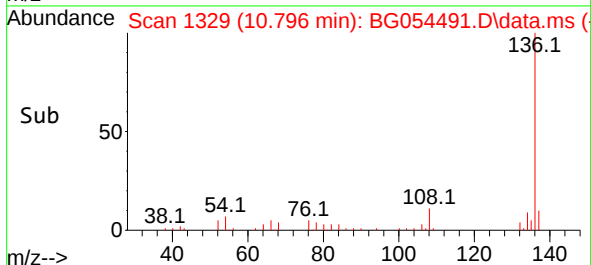
Reviewed By :Christian Giraldo 08/03/2022
Supervised By :Jagrut Upadhyay 08/04/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.796 min Scan# 1329
Delta R.T. -0.000 min
Lab File: BG054491.D
Acq: 2 Aug 2022 20:20



Tgt Ion:136 Resp: 71500
Ion Ratio Lower Upper
136 100
137 10.0 8.5 12.7
54 7.5 7.4 11.2
68 3.8 4.9 7.3#





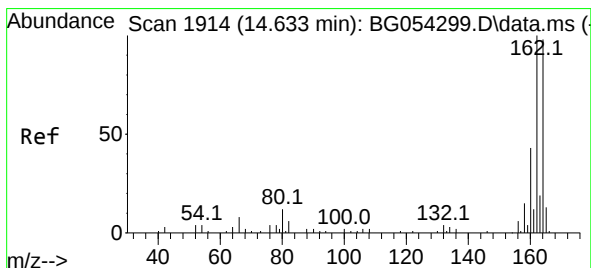
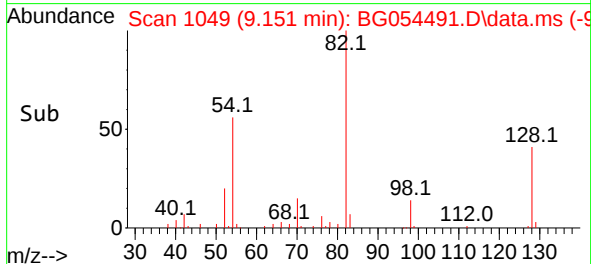
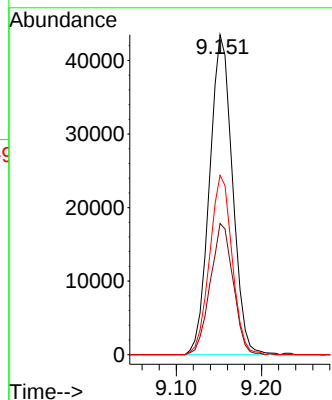
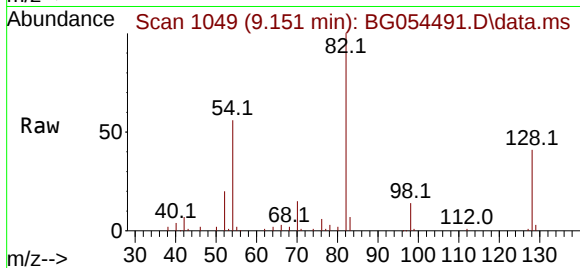
#23
Nitrobenzene-d5
Concen: 61.729 ng
RT: 9.151 min Scan# 1049
Delta R.T. -0.000 min
Lab File: BG054491.D
Acq: 2 Aug 2022 20:20

Instrument :
BNA_G
ClientSampleId :
RVE-49

Tgt Ion: 82 Resp: 81048
Ion Ratio Lower Upper
82 100
128 41.0 27.9 41.9
54 56.1 41.2 61.8

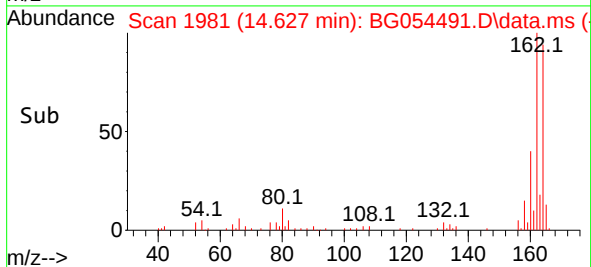
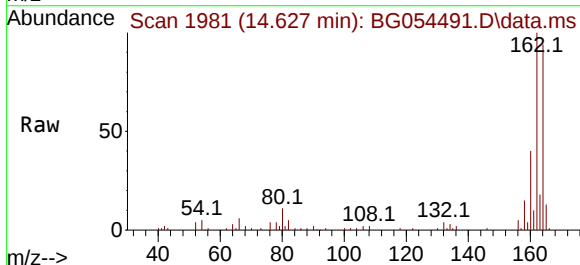
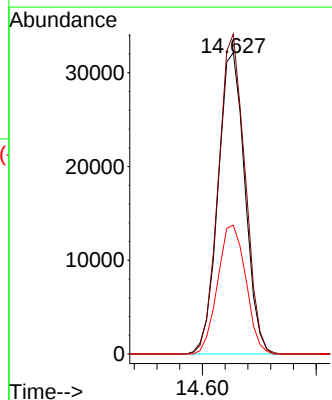
Manual Integrations
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.627 min Scan# 1981
Delta R.T. 0.005 min
Lab File: BG054491.D
Acq: 2 Aug 2022 20:20

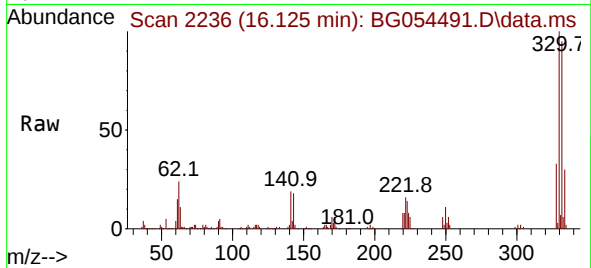
Tgt Ion:164 Resp: 52667
Ion Ratio Lower Upper
164 100
162 106.2 82.3 123.5
160 42.7 34.2 51.2





#42
2,4,6-Tribromophenol
Concen: 99.432 ng
RT: 16.125 min Scan# 2168
Delta R.T. 0.011 min
Lab File: BG054491.D
Acq: 2 Aug 2022 20:20

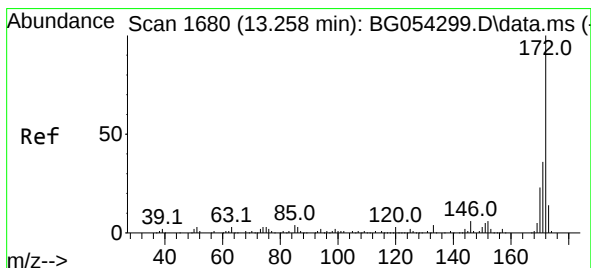
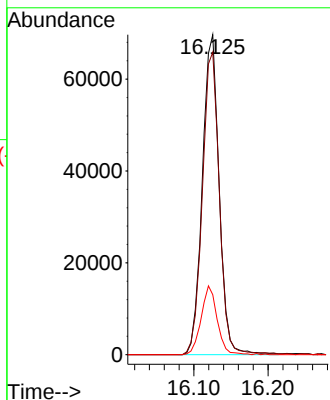
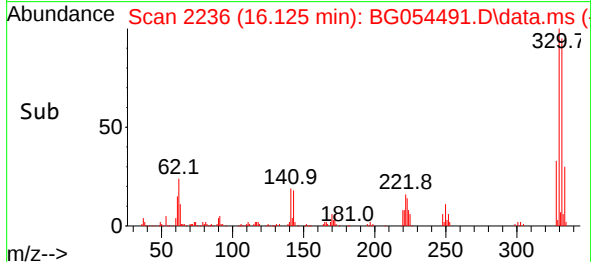
Instrument :
BNA_G
ClientSampleId :
RVE-49



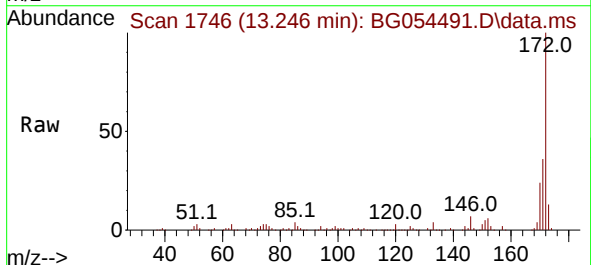
Tgt Ion:330 Resp: 10995
Ion Ratio Lower Upper
330 100
332 95.8 76.0 114.0
141 20.5 27.1 40.7

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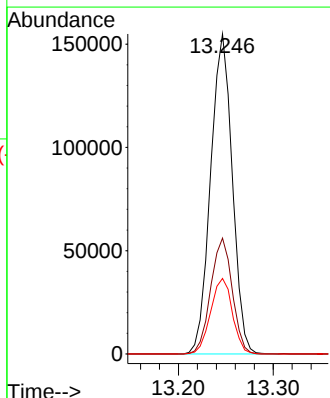
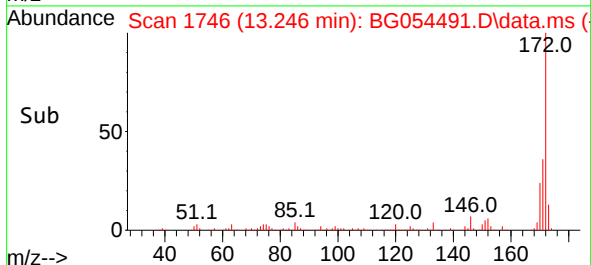
Reviewed By :Christian Giraldo 08/03/2022
Supervised By :Jagrut Upadhyay 08/04/2022

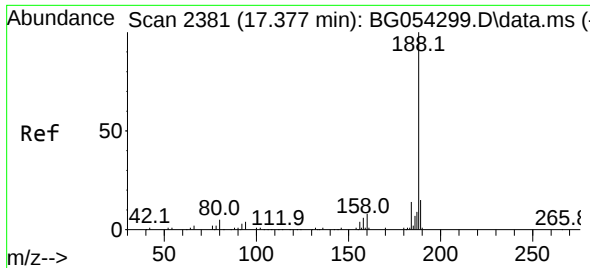


#45
2-Fluorobiphenyl
Concen: 65.838 ng
RT: 13.246 min Scan# 1746
Delta R.T. -0.000 min
Lab File: BG054491.D
Acq: 2 Aug 2022 20:20



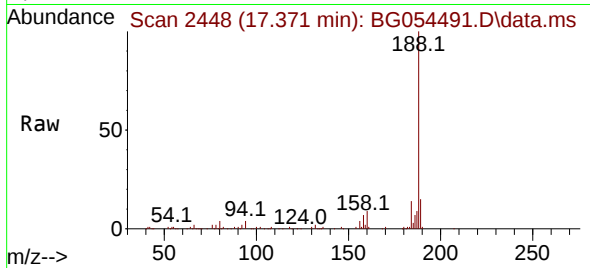
Tgt Ion:172 Resp: 245802
Ion Ratio Lower Upper
172 100
171 36.2 28.5 42.7
170 23.6 18.9 28.3





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.371 min Scan# 2448
Delta R.T. -0.000 min
Lab File: BG054491.D
Acq: 2 Aug 2022 20:20

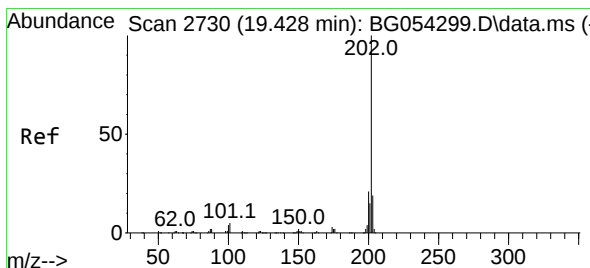
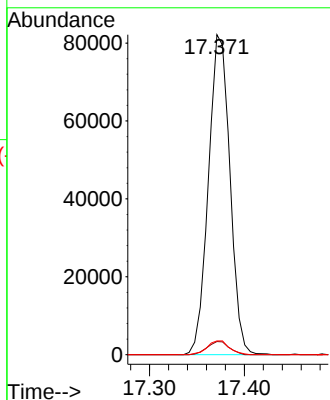
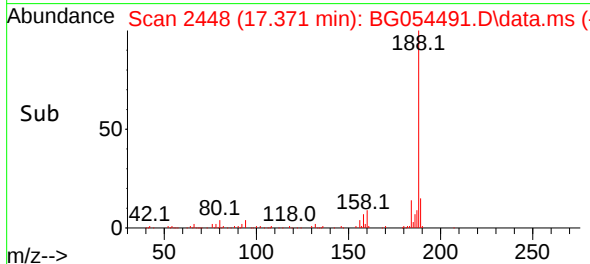
Instrument :
BNA_G
ClientSampleId :
RVE-49



Tgt Ion:188 Resp: 12954
Ion Ratio Lower Upper
188 100
94 4.1 5.4 8.0
80 4.3 6.8 10.2

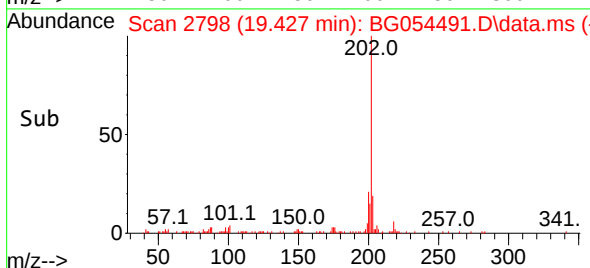
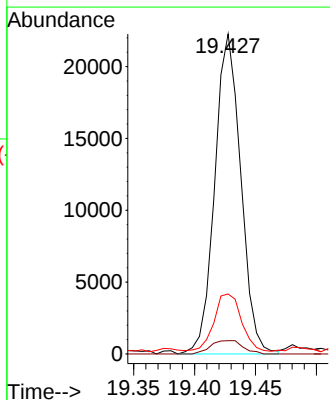
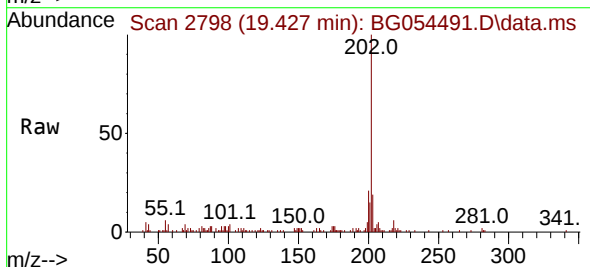
Manual Integrations
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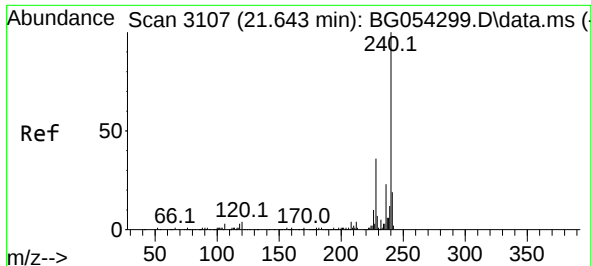
Reviewed By :Christian Giraldo 08/03/2022
Supervised By :Jagrut Upadhyay 08/04/2022



#75
Fluoranthene
Concen: 3.768 ng
RT: 19.427 min Scan# 2798
Delta R.T. 0.005 min
Lab File: BG054491.D
Acq: 2 Aug 2022 20:20

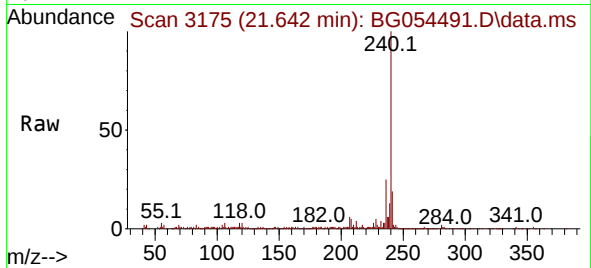
Tgt Ion:202 Resp: 33133
Ion Ratio Lower Upper
202 100
101 4.2 0.0 26.9
203 18.7 0.0 37.2





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.642 min Scan# 3107
Delta R.T. 0.005 min
Lab File: BG054491.D
Acq: 2 Aug 2022 20:20

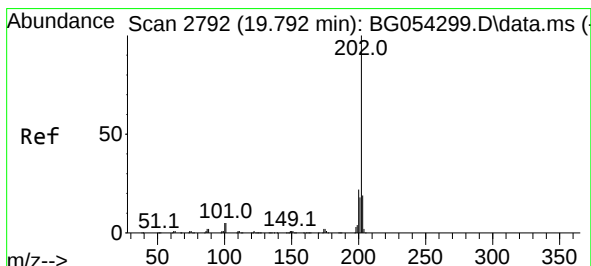
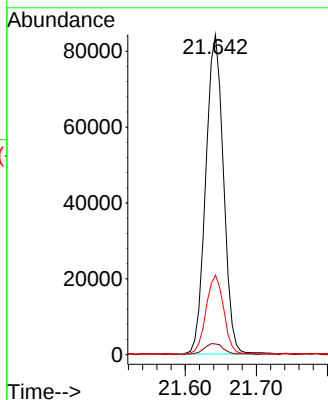
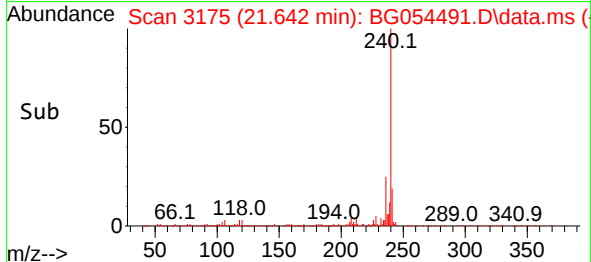
Instrument :
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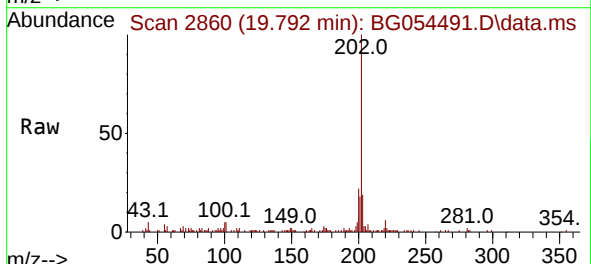
Tgt Ion:240 Resp: 146070
Ion Ratio Lower Upper
240 100
120 3.4 4.6 7.0
236 24.9 20.2 30.4

Manual Integrations
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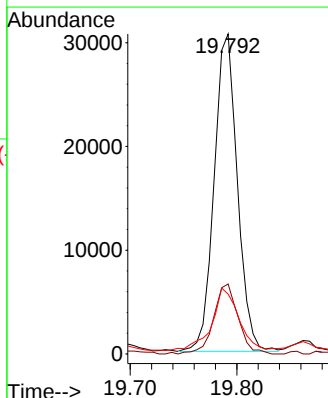
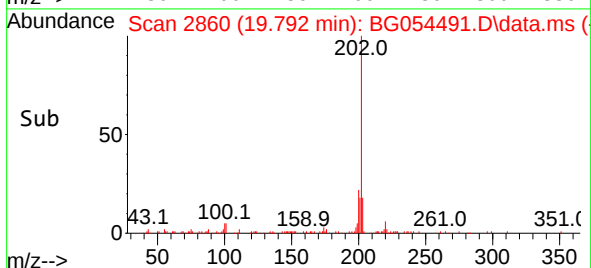
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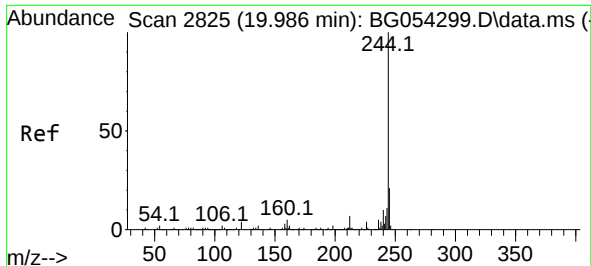


#78
Pyrene
Concen: 5.525 ng
RT: 19.792 min Scan# 2860
Delta R.T. 0.005 min
Lab File: BG054491.D
Acq: 2 Aug 2022 20:20



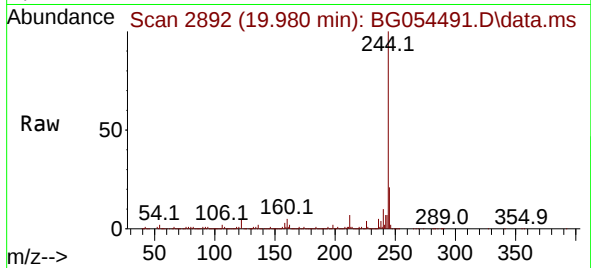
Tgt Ion:202 Resp: 46307
Ion Ratio Lower Upper
202 100
200 21.9 16.6 24.8
203 18.7 14.6 21.8





#79
Terphenyl-d14
Concen: 66.263 ng
RT: 19.980 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG054491.D
Acq: 2 Aug 2022 20:20

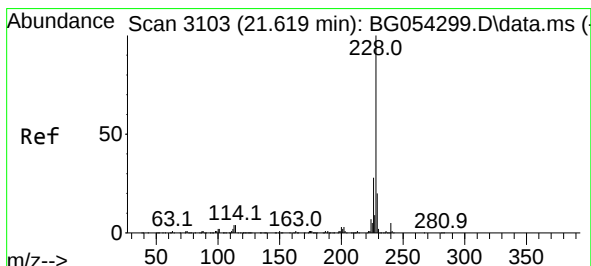
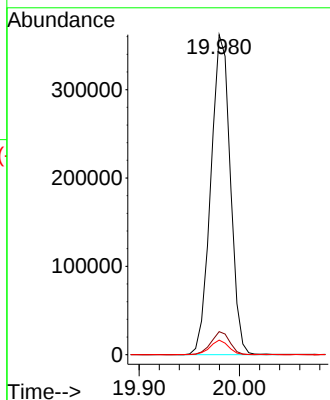
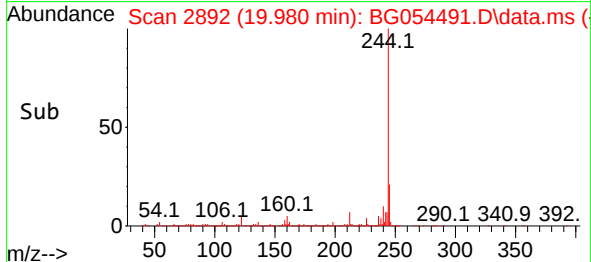
Instrument :
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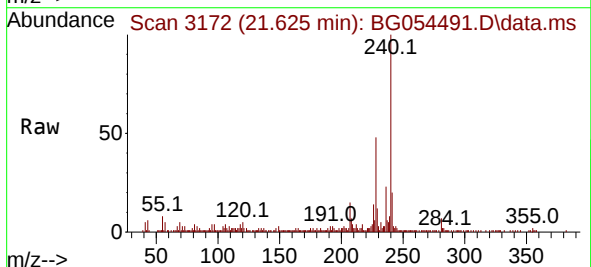
Tgt Ion:244 Resp: 487920
Ion Ratio Lower Upper
244 100
212 7.2 6.5 9.7
122 4.5 5.0 7.4

Manual Integrations
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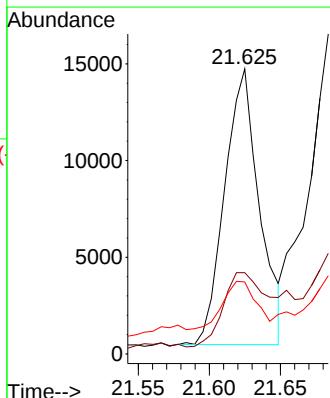
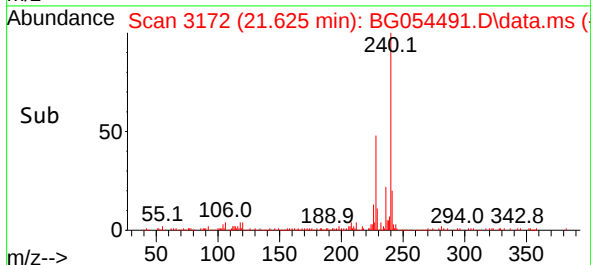
Reviewed By :Christian Giraldo 08/03/2022
Supervised By :Jagrut Upadhyay 08/04/2022

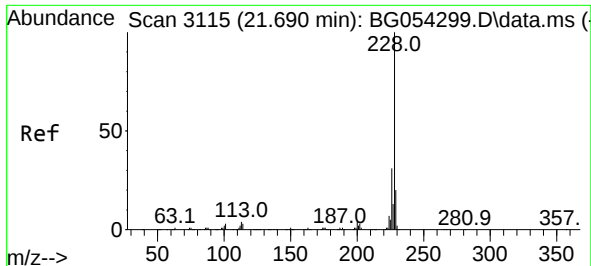


#81
Benzo(a)anthracene
Concen: 2.618 ng
RT: 21.625 min Scan# 3172
Delta R.T. 0.011 min
Lab File: BG054491.D
Acq: 2 Aug 2022 20:20



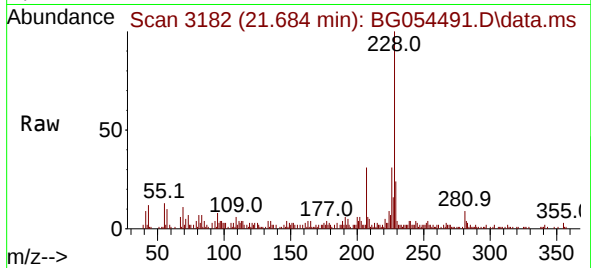
Tgt Ion:228 Resp: 24275
Ion Ratio Lower Upper
228 100
226 28.5 21.6 32.4
229 25.3 16.2 24.2





#83
Chrysene
Concen: 3.834 ng
RT: 21.684 min Scan# 3115
Delta R.T. -0.000 min
Lab File: BG054491.D
Acq: 2 Aug 2022 20:20

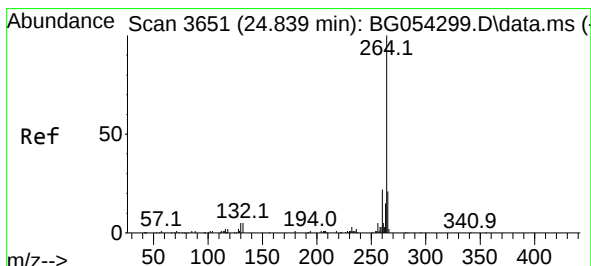
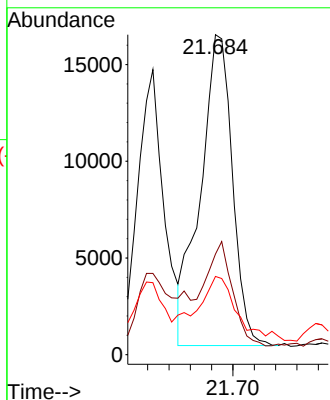
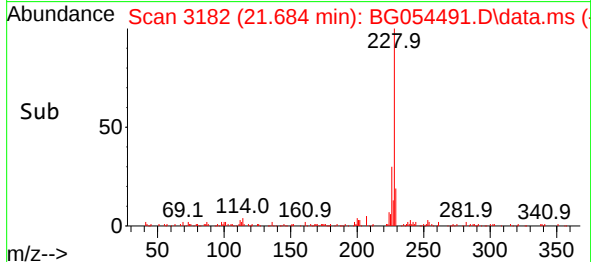
Instrument :
BNA_G
ClientSampleId :
RVE-49



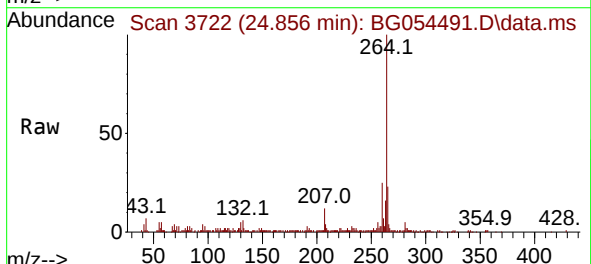
Tgt Ion:228 Resp: 3359
Ion Ratio Lower Upper
228 100
226 31.4 23.4 35.2
229 24.4 15.5 23.3

Manual Integrations
APPROVED

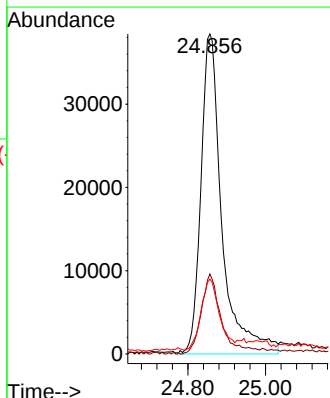
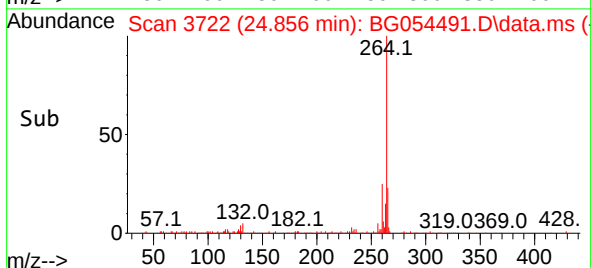
Reviewed By :Christian Giraldo 08/03/2022
Supervised By :Jagrut Upadhyay 08/04/2022

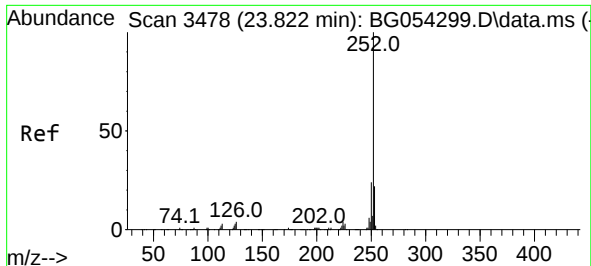


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.856 min Scan# 3722
Delta R.T. 0.023 min
Lab File: BG054491.D
Acq: 2 Aug 2022 20:20



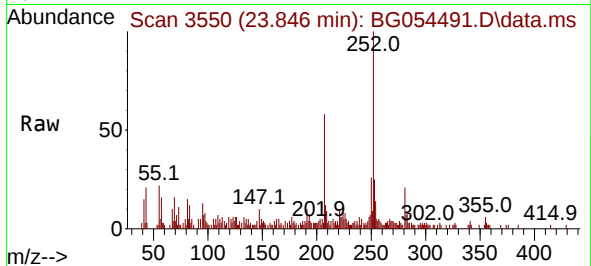
Tgt Ion:264 Resp: 145054
Ion Ratio Lower Upper
264 100
260 25.0 19.0 28.6
265 23.4 17.4 26.2





#88
Benzo(b)fluoranthene
Concen: 4.205 ng m
RT: 23.846 min Scan# 31
Delta R.T. 0.023 min
Lab File: BG054491.D
Acq: 2 Aug 2022 20:20

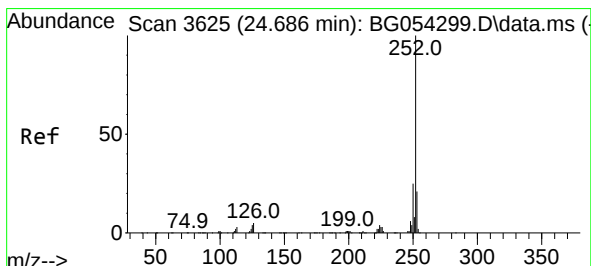
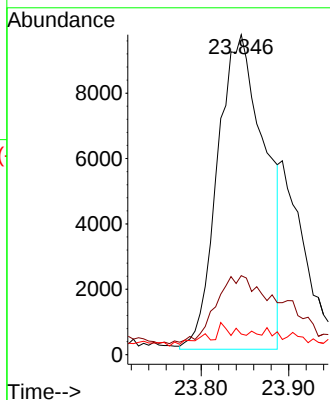
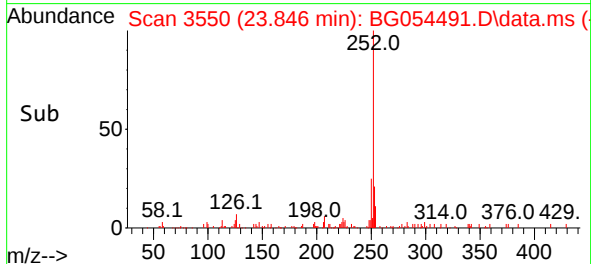
Instrument :
BNA_G
ClientSampleId :
RVE-49



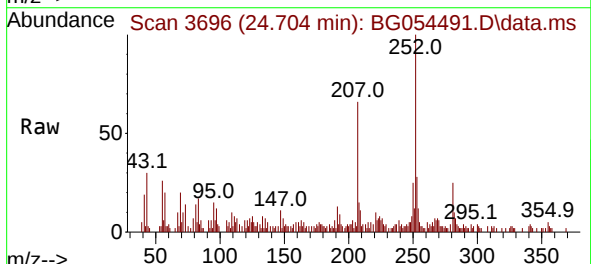
Tgt Ion:252 Resp: 3607
Ion Ratio Lower Upper
252 100
253 24.7 18.0 27.0
125 6.5 4.6 6.8

Manual Integrations
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#90
Benzo(a)pyrene
Concen: 3.442 ng
RT: 24.704 min Scan# 3696
Delta R.T. 0.017 min
Lab File: BG054491.D
Acq: 2 Aug 2022 20:20



Tgt Ion:252 Resp: 25215
Ion Ratio Lower Upper
252 100
253 27.9 17.8 26.8#
125 8.2 4.3 6.5#

