

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090122\
 Data File : BG054826.D
 Acq On : 1 Sep 2022 17:37
 Operator : CG/JU
 Sample : N4439-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 KTS2-MH-02-0-20

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 09/02/2022
 Supervised By : Jagrut Upadhyay 09/02/2022

Quant Time: Sep 02 02:54:32 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 25 17:50:55 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.147	152	43618	20.000	ng	0.00
21) Naphthalene-d8	10.973	136	176990	20.000	ng	0.00
39) Acenaphthene-d10	14.781	164	113543	20.000	ng	0.00
64) Phenanthrene-d10	17.525	188	237452	20.000	ng	0.00
76) Chrysene-d12	21.820	240	240615	20.000	ng	0.00
86) Perylene-d12	25.186	264	260567	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.686	112	254707	101.687	ng	0.00
7) Phenol-d6	7.295	99	343529	100.284	ng	0.00
23) Nitrobenzene-d5	9.317	82	208807	61.934	ng	-0.01
42) 2,4,6-Tribromophenol	16.267	330	142202	100.227	ng	0.00
45) 2-Fluorobiphenyl	13.406	172	415391	54.987	ng	0.00
79) Terphenyl-d14	20.127	244	579443	47.715	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.223	163	31874	3.644	ng	# 97
71) Phenanthrene	17.572	178	36548	2.889	ng	# 92
75) Fluoranthene	19.575	202	45684	2.969	ng	97
78) Pyrene	19.934	202	47257m	2.817	ng	
83) Chrysene	21.867	228	33347	2.138	ng	# 95
88) Benzo(b)fluoranthene	24.105	252	36392	2.226	ng	# 93

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

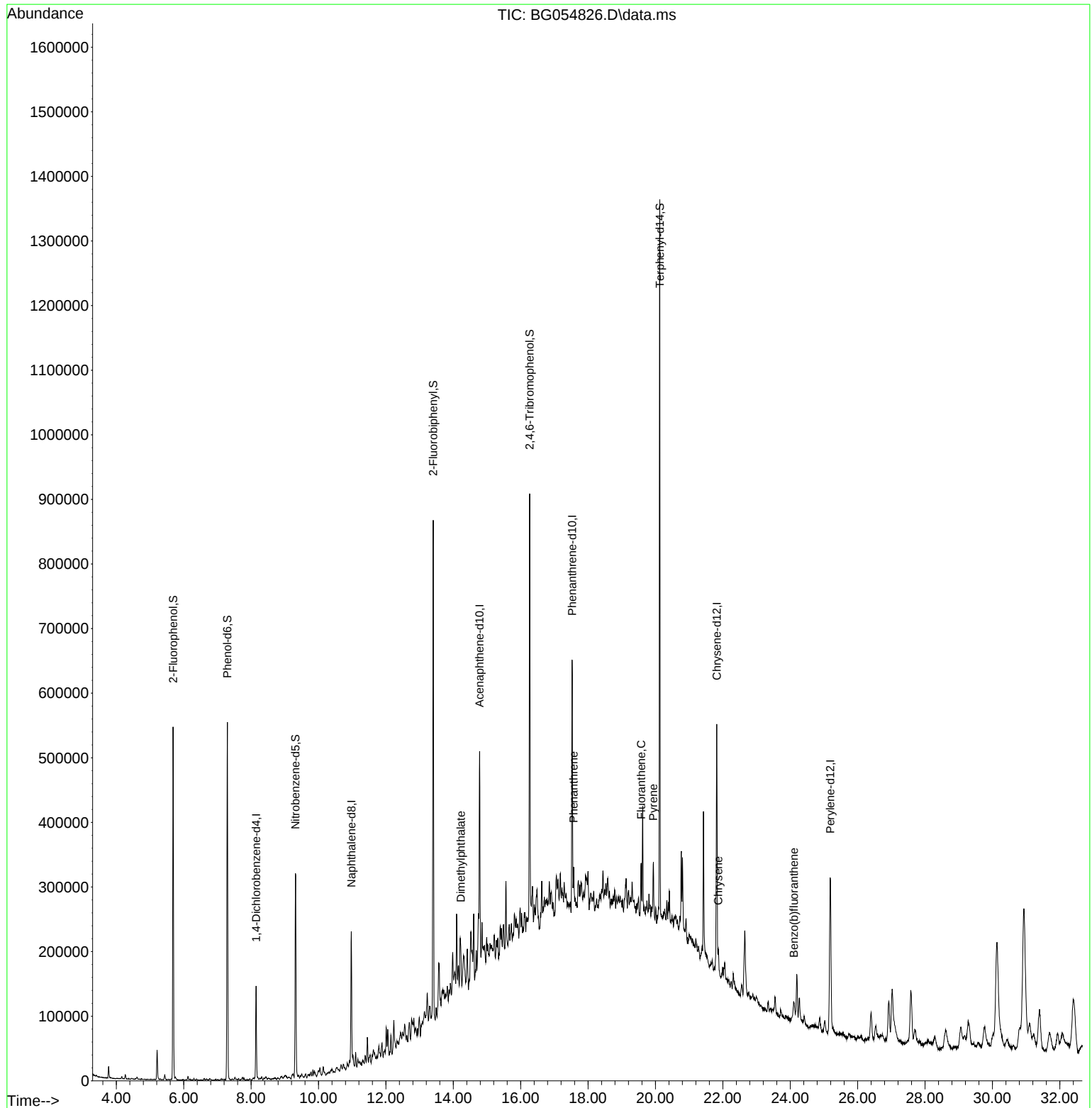
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090122\
Data File : BG054826.D
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Sample : N4439-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

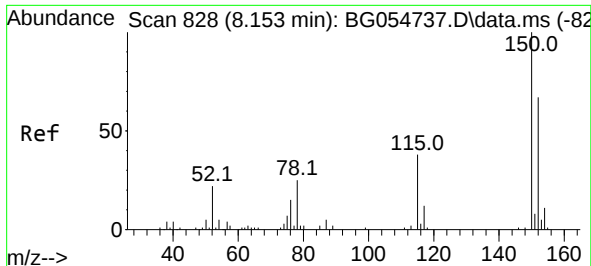
Instrument :
BNA_G
ClientSampleId :
KTS2-MH-02-0-20

Quant Time: Sep 02 02:54:32 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 25 17:50:55 2022
Response via : Initial Calibration

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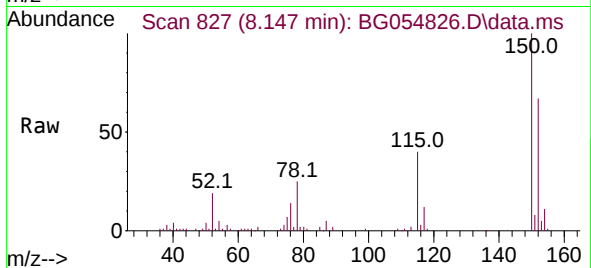
Reviewed By :Christian Giraldo 09/02/2022
Supervised By :Jagrut Upadhyay 09/02/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.147 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG054826.D
Acq: 1 Sep 2022 17:37

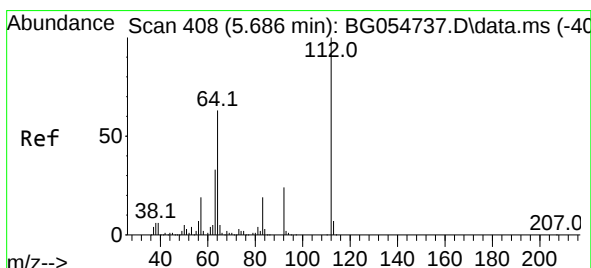
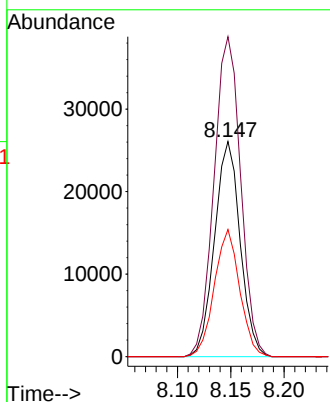
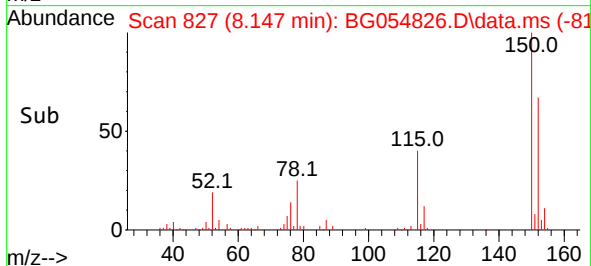
Instrument :
BNA_G
ClientSampleId :
KTS2-MH-02-0-20



Tgt Ion:152 Resp: 43618
Ion Ratio Lower Upper
152 100
150 148.7 125.2 187.8
115 59.1 47.9 71.9

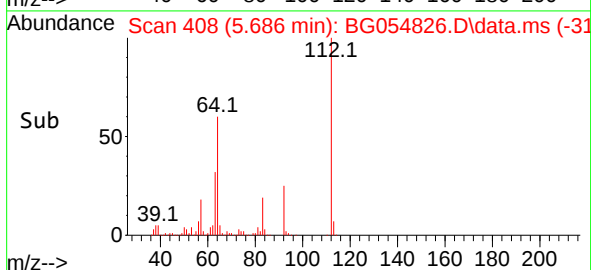
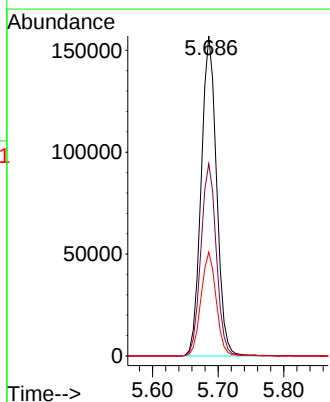
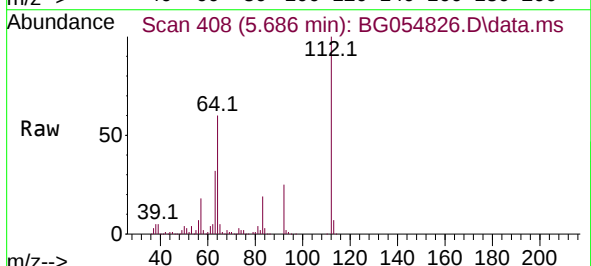
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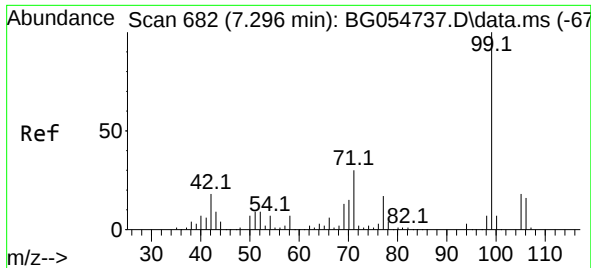
Reviewed By :Christian Giraldo 09/02/2022
Supervised By :Jagrut Upadhyay 09/02/2022



#5
2-Fluorophenol
Concen: 101.687 ng
RT: 5.686 min Scan# 408
Delta R.T. -0.000 min
Lab File: BG054826.D
Acq: 1 Sep 2022 17:37

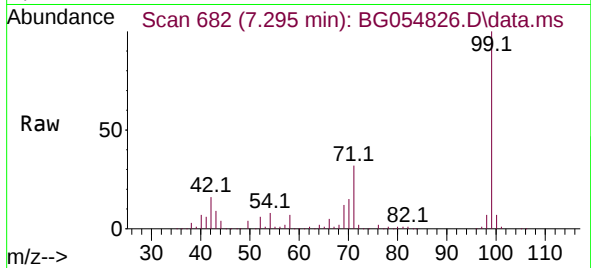
Tgt Ion:112 Resp: 254707
Ion Ratio Lower Upper
112 100
64 60.0 49.3 73.9
63 32.4 26.3 39.5





#7
Phenol-d6
Concen: 100.284 ng
RT: 7.295 min Scan# 682
Delta R.T. -0.000 min
Lab File: BG054826.D
Acq: 1 Sep 2022 17:37

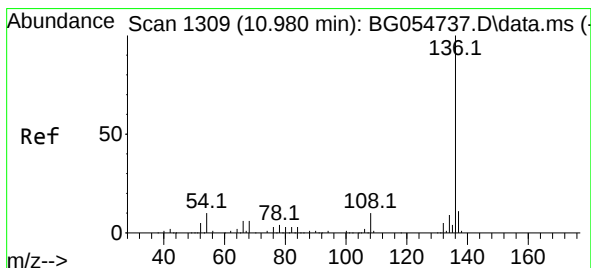
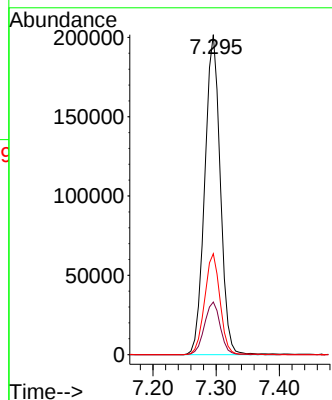
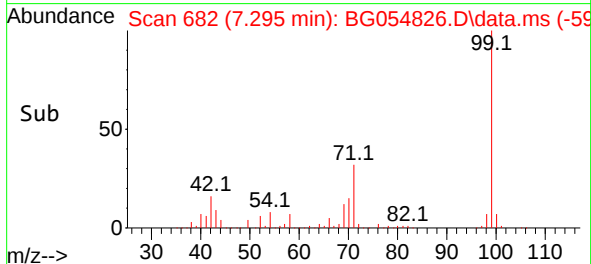
Instrument :
BNA_G
ClientSampleId :
KTS2-MH-02-0-20



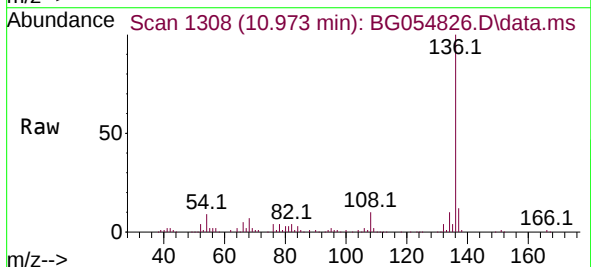
Tgt Ion: 99 Resp: 343529
Ion Ratio Lower Upper
99 100
42 16.4 14.6 22.0
71 31.5 24.6 37.0

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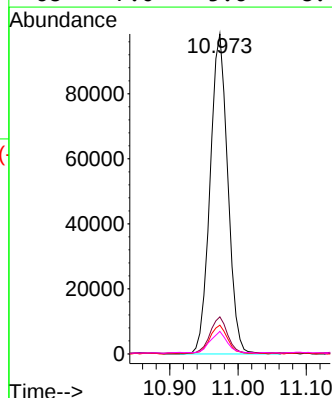
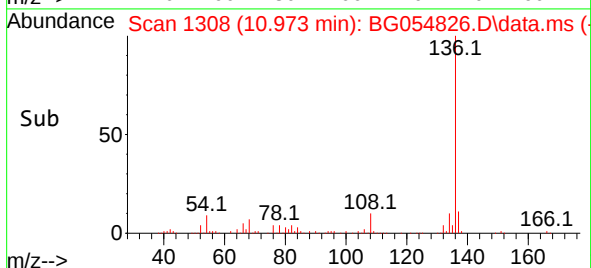
Reviewed By :Christian Giraldo 09/02/2022
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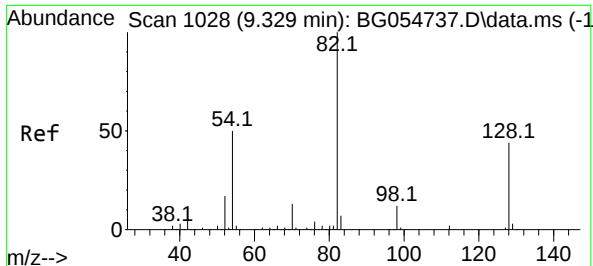


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.973 min Scan# 1308
Delta R.T. -0.007 min
Lab File: BG054826.D
Acq: 1 Sep 2022 17:37



Tgt Ion:136 Resp: 176990
Ion Ratio Lower Upper
136 100
137 11.6 9.2 13.8
54 9.0 7.7 11.5
68 7.0 5.6 8.4





#23

Nitrobenzene-d5

Concen: 61.934 ng

RT: 9.317 min Scan# 1026

Delta R.T. -0.012 min

Lab File: BG054826.D

Acq: 1 Sep 2022 17:37

Instrument :

BNA_G

ClientSampleId :

KTS2-MH-02-0-20

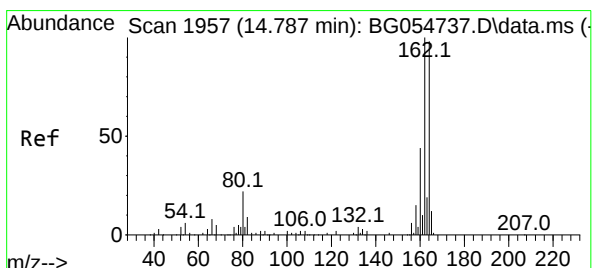
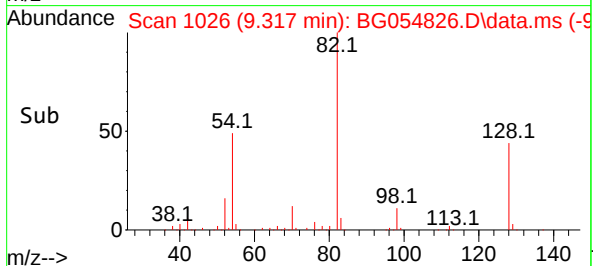
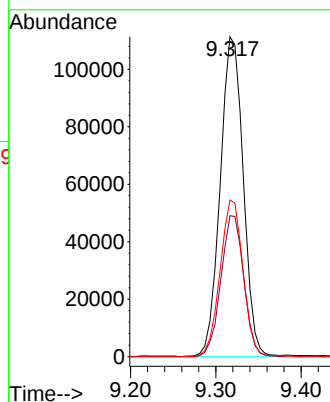
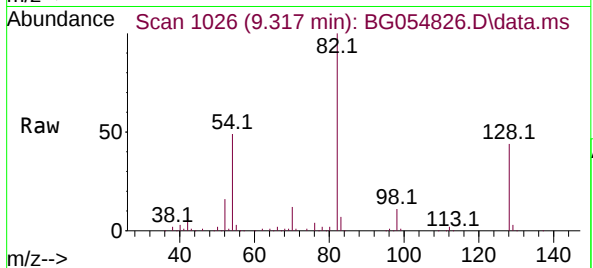
Tgt Ion:	82	Resp:	20880
Ion Ratio	Lower	Upper	
82	100		
128	44.1	32.2	48.2
54	49.0	41.4	62.0

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Supervised By :Jagrut Upadhyay 09/02/2022



#39

Acenaphthene-d10

Concen: 20.000 ng

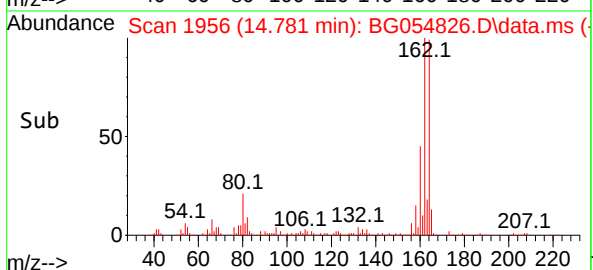
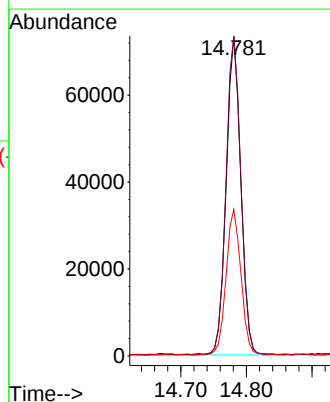
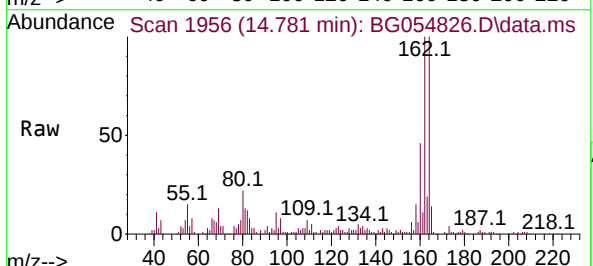
RT: 14.781 min Scan# 1956

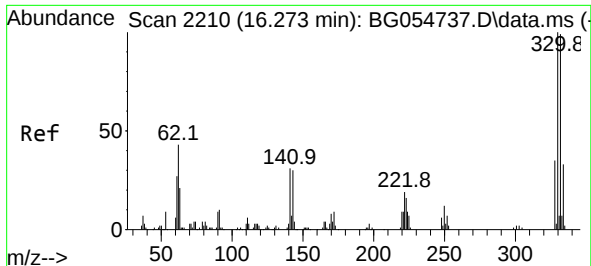
Delta R.T. -0.006 min

Lab File: BG054826.D

Acq: 1 Sep 2022 17:37

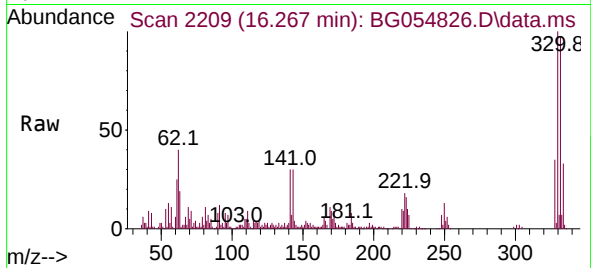
Tgt Ion:	164	Resp:	113543
Ion Ratio	Lower	Upper	
164	100		
162	100.3	83.0	124.4
160	45.9	38.0	57.0





#42
2,4,6-Tribromophenol
Concen: 100.227 ng
RT: 16.267 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG054826.D
Acq: 1 Sep 2022 17:37

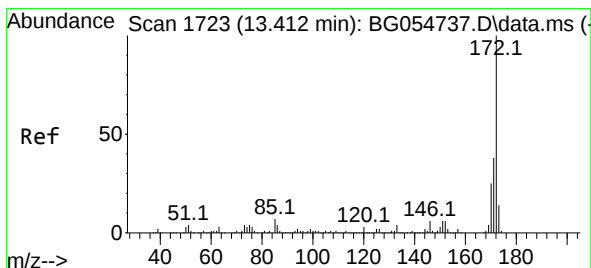
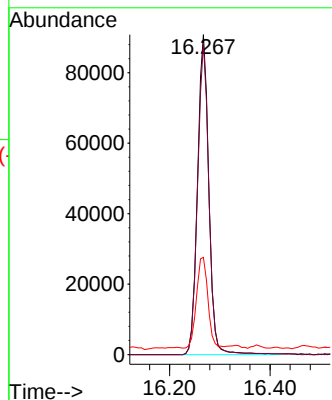
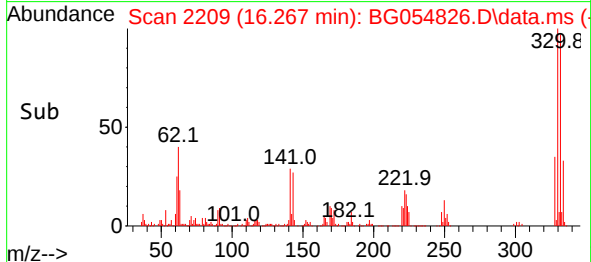
Instrument :
BNA_G
ClientSampleId :
KTS2-MH-02-0-20



Tgt Ion:330 Resp: 142202
Ion Ratio Lower Upper
330 100
332 96.2 79.8 119.6
141 28.7 26.8 40.2

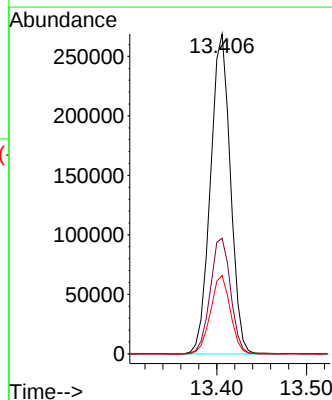
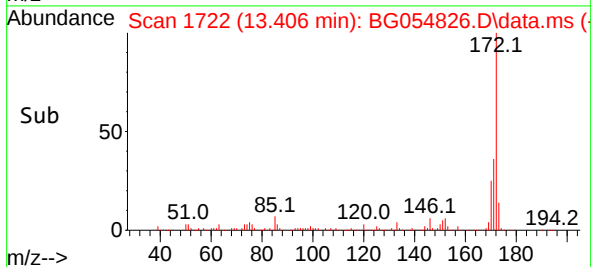
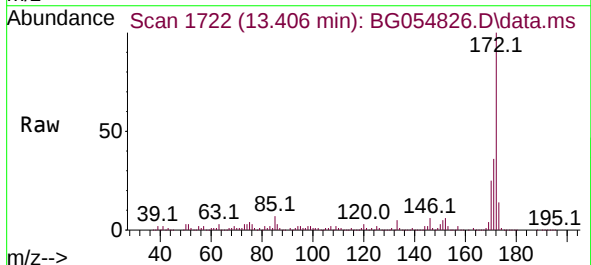
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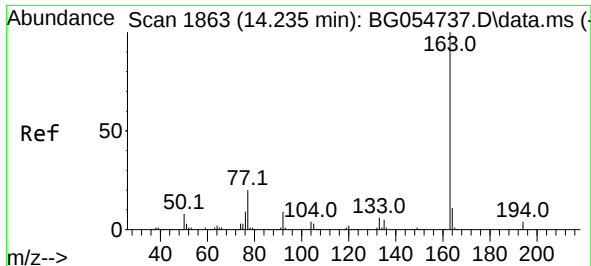
Reviewed By :Christian Giraldo 09/02/2022
Supervised By :Jagrut Upadhyay 09/02/2022



#45
2-Fluorobiphenyl
Concen: 54.987 ng
RT: 13.406 min Scan# 1722
Delta R.T. -0.006 min
Lab File: BG054826.D
Acq: 1 Sep 2022 17:37

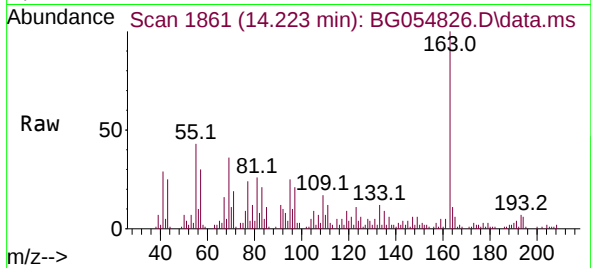
Tgt Ion:172 Resp: 415391
Ion Ratio Lower Upper
172 100
171 36.1 31.2 46.8
170 24.5 20.6 30.8





#50
Dimethylphthalate
Concen: 3.644 ng
RT: 14.223 min Scan# 1861
Delta R.T. -0.012 min
Lab File: BG054826.D
Acq: 1 Sep 2022 17:37

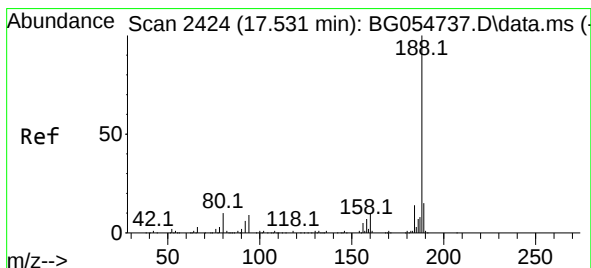
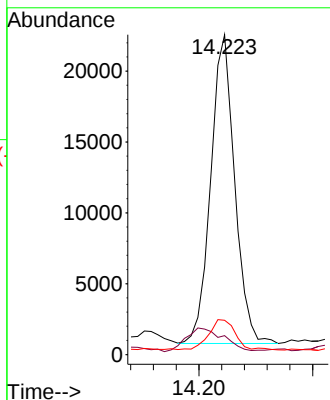
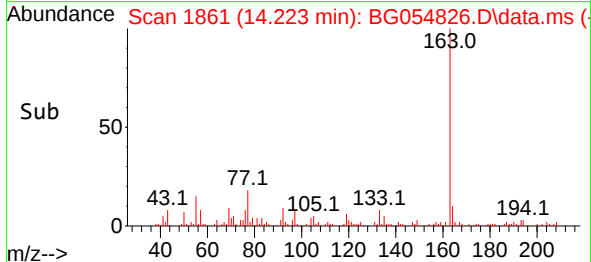
Instrument :
BNA_G
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KTS2-MH-02-0-20



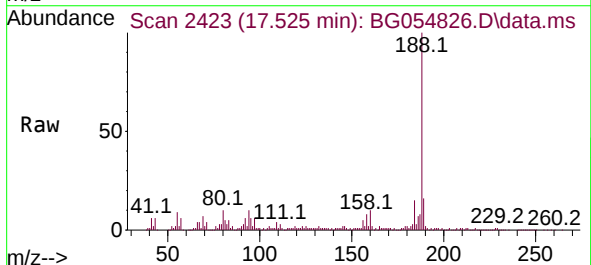
Tgt Ion:163 Resp: 31874
Ion Ratio Lower Upper
163 100
194 5.9 3.0 4.4
164 10.7 8.0 12.0

Manual Integrations
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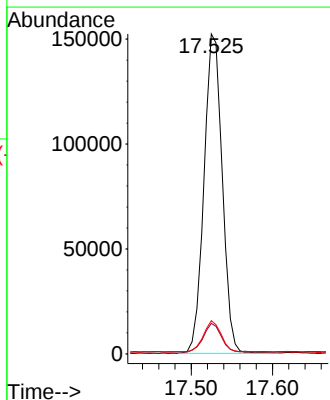
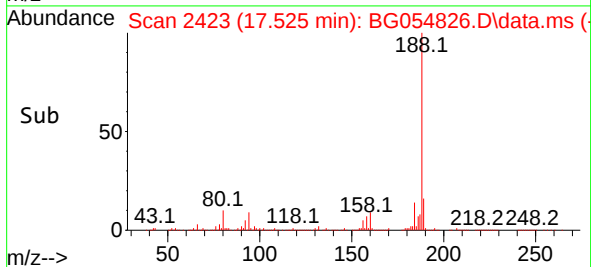
Reviewed By :Christian Giraldo 09/02/2022
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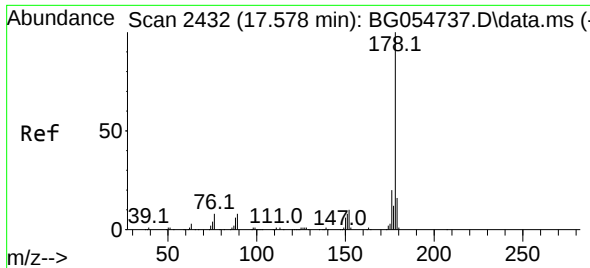


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.525 min Scan# 2423
Delta R.T. -0.006 min
Lab File: BG054826.D
Acq: 1 Sep 2022 17:37



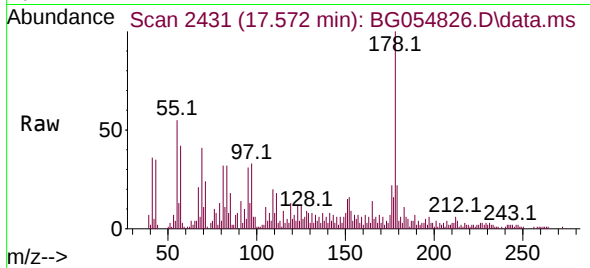
Tgt Ion:188 Resp: 237452
Ion Ratio Lower Upper
188 100
94 9.5 7.0 10.4
80 10.4 7.9 11.9





#71
Phenanthrene
Concen: 2.889 ng
RT: 17.572 min Scan# 2431
Delta R.T. -0.006 min
Lab File: BG054826.D
Acq: 1 Sep 2022 17:37

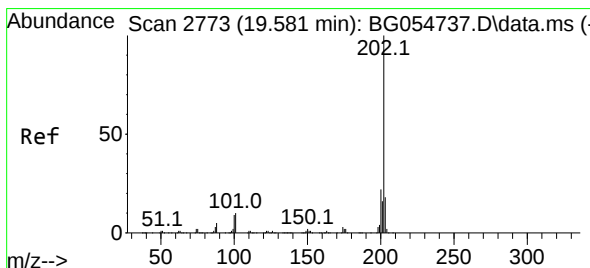
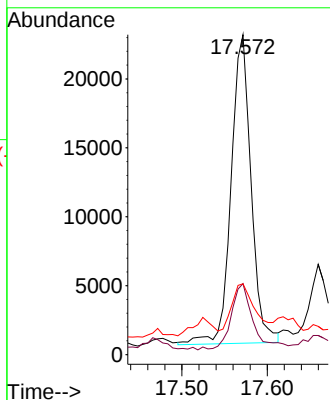
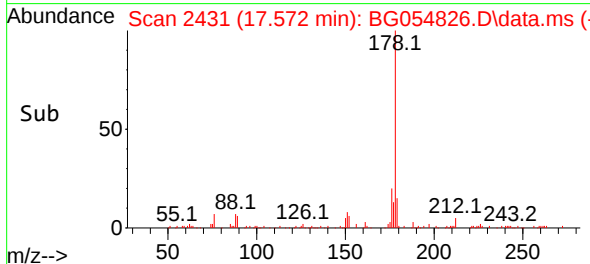
Instrument :
BNA_G
ClientSampleId :
KTS2-MH-02-0-20



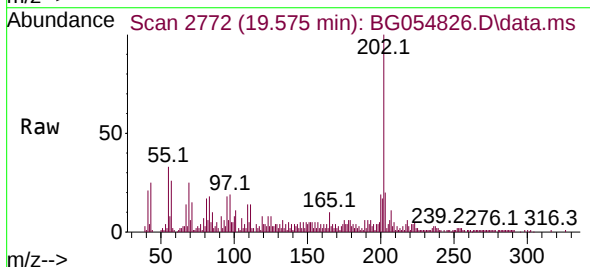
Tgt Ion:178 Resp: 36548
Ion Ratio Lower Upper
178 100
176 22.2 16.6 25.0
179 22.2 12.8 19.2

Manual Integrations
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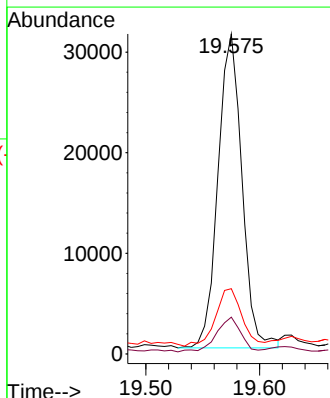
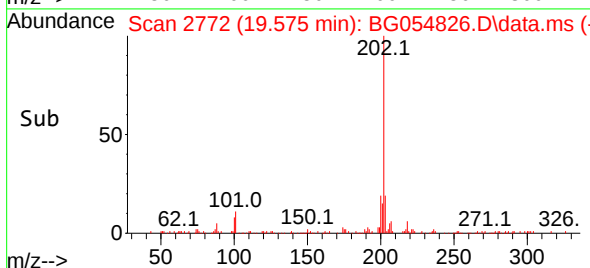
Reviewed By :Christian Giraldo 09/02/2022
Supervised By :Jagrut Upadhyay 09/02/2022

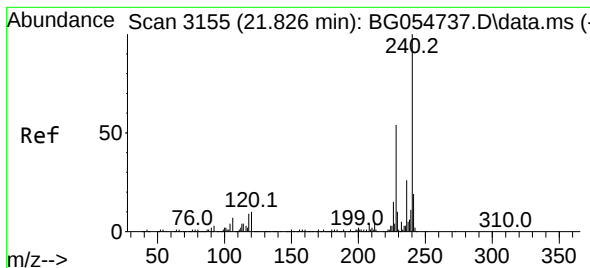


#75
Fluoranthene
Concen: 2.969 ng
RT: 19.575 min Scan# 2772
Delta R.T. -0.006 min
Lab File: BG054826.D
Acq: 1 Sep 2022 17:37



Tgt Ion:202 Resp: 45684
Ion Ratio Lower Upper
202 100
101 11.5 0.0 31.4
203 20.4 0.0 38.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.820 min Scan# 3155

Delta R.T. -0.006 min

Lab File: BG054826.D

Acq: 1 Sep 2022 17:37

Instrument :

BNA_G

ClientSampleId :

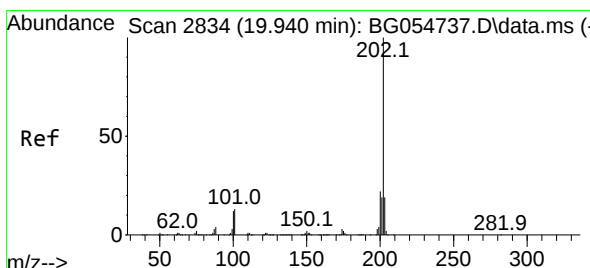
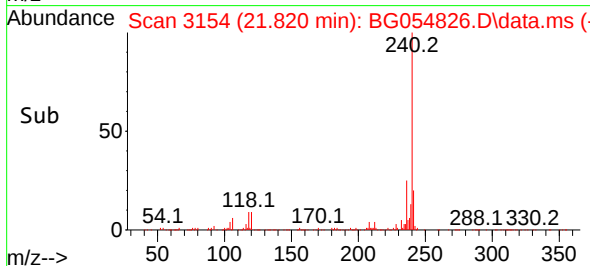
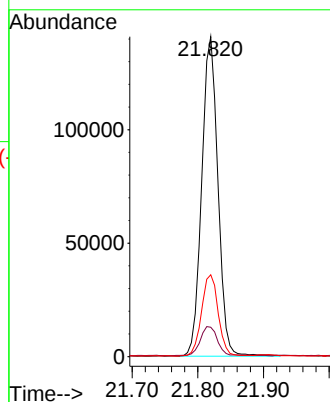
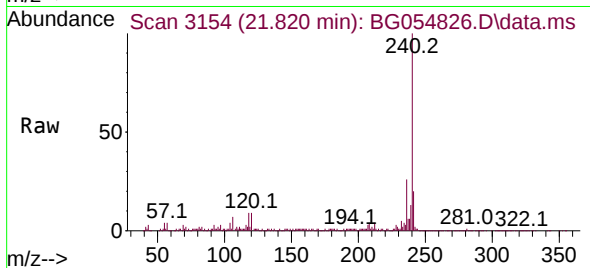
KTS2-MH-02-0-20

Tgt Ion:240 Resp: 240615
 Ion Ratio Lower Upper
 240 100
 120 9.2 8.2 12.4
 236 25.6 21.2 31.8

Manual Integrations

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Reviewed By :Christian Giraldo 09/02/2022
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#78

Pyrene

Concen: 2.817 ng m

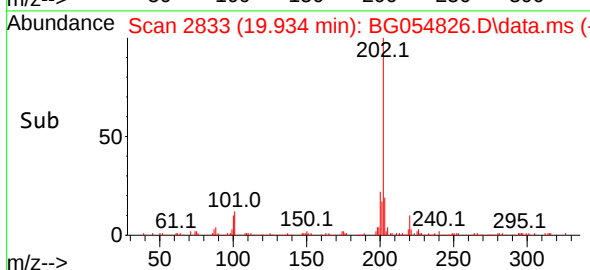
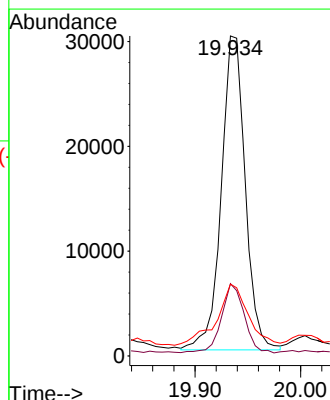
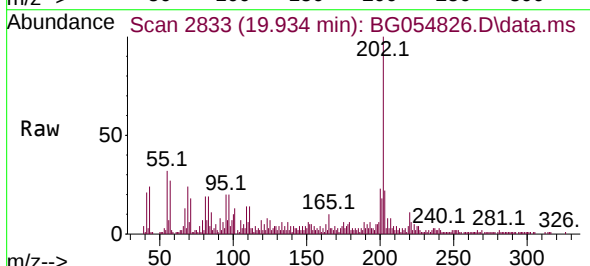
RT: 19.934 min Scan# 2833

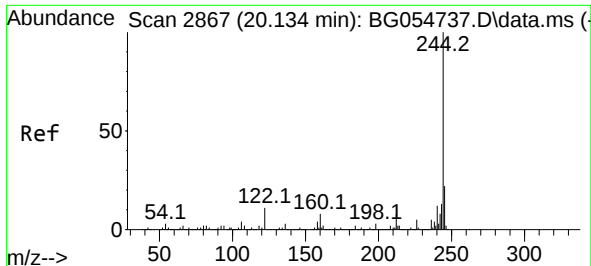
Delta R.T. -0.006 min

Lab File: BG054826.D

Acq: 1 Sep 2022 17:37

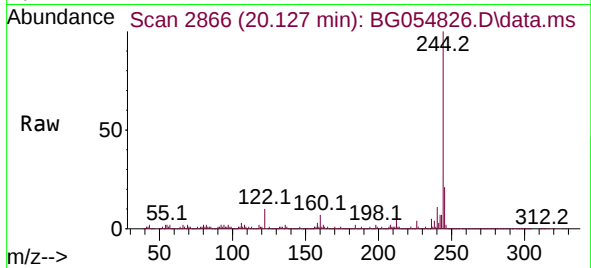
Tgt Ion:202 Resp: 47257
 Ion Ratio Lower Upper
 202 100
 200 22.6 17.8 26.6
 203 22.4 14.6 21.8





#79
 Terphenyl-d14
 Concen: 47.715 ng
 RT: 20.127 min Scan# 2867
 Delta R.T. -0.006 min
 Lab File: BG054826.D
 Acq: 1 Sep 2022 17:37

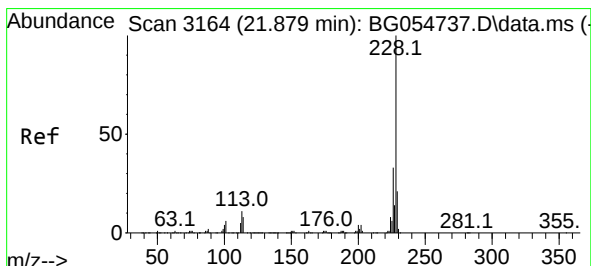
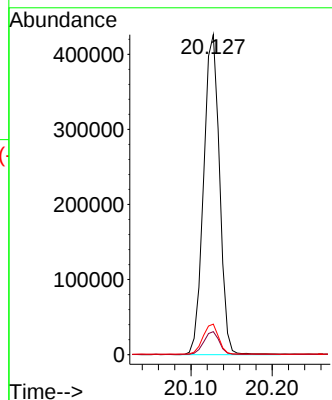
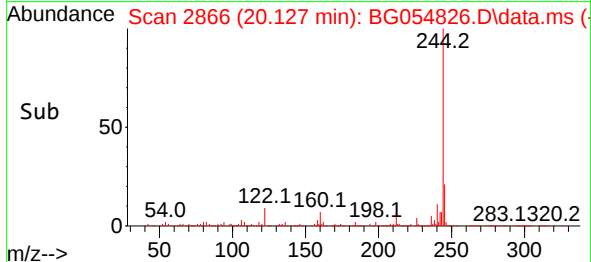
Instrument :
 BNA_G
 ClientSampleId :
 KTS2-MH-02-0-20



Tgt Ion:244 Resp: 579443
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.2 9.2
 122 9.5 9.0 13.6

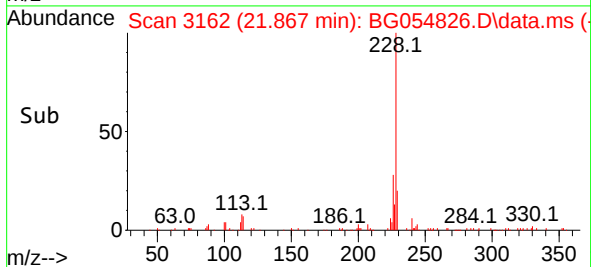
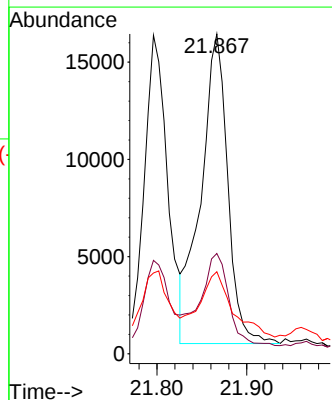
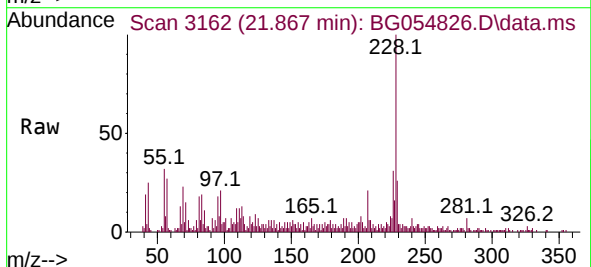
Manual Integrations
 APPROVED

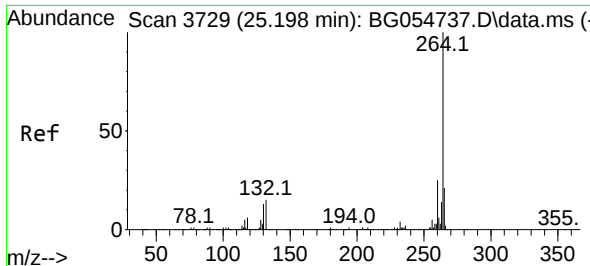
Reviewed By :Christian Giraldo 09/02/2022
 Supervised By :Jagrut Upadhyay 09/02/2022



#83
 Chrysene
 Concen: 2.138 ng
 RT: 21.867 min Scan# 3162
 Delta R.T. -0.012 min
 Lab File: BG054826.D
 Acq: 1 Sep 2022 17:37

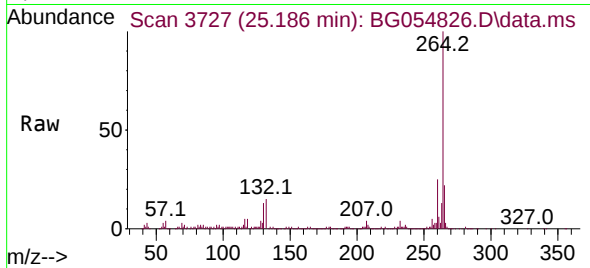
Tgt Ion:228 Resp: 33347
 Ion Ratio Lower Upper
 228 100
 226 31.4 25.5 38.3
 229 25.7 16.8 25.2#





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.186 min Scan# 31
Delta R.T. -0.012 min
Lab File: BG054826.D
Acq: 1 Sep 2022 17:37

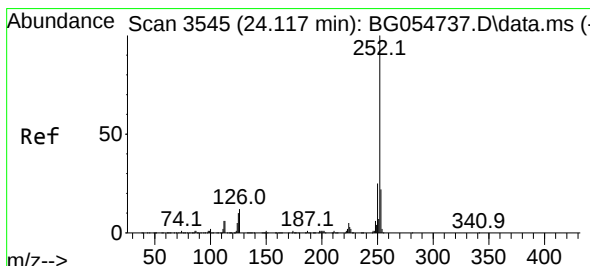
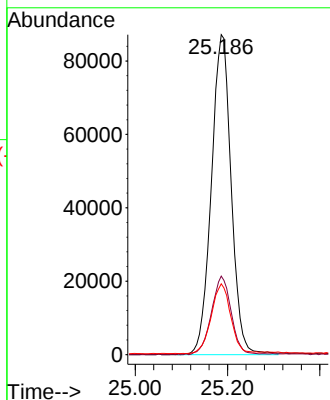
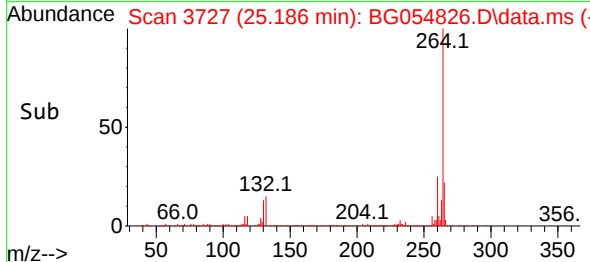
Instrument :
BNA_G
ClientSampleId :
KTS2-MH-02-0-20



Tgt Ion:264 Resp: 260562
Ion Ratio Lower Upper
264 100
260 24.5 19.9 29.9
265 22.1 16.9 25.3

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 09/02/2022
Supervised By :Jagrut Upadhyay 09/02/2022



#88
Benzo(b)fluoranthene
Concen: 2.226 ng
RT: 24.105 min Scan# 3543
Delta R.T. -0.012 min
Lab File: BG054826.D
Acq: 1 Sep 2022 17:37

Tgt Ion:252 Resp: 36392
Ion Ratio Lower Upper
252 100
253 24.4 18.0 27.0
125 15.4 8.1 12.1#

