

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072424\
 Data File : BF138642.D
 Acq On : 24 Jul 2024 16:13
 Operator : RC/JU
 Sample : P3340-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GREEN-STREET-B

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/25/2024
 Supervised By :mohammad ahmed 07/25/2024

Quant Time: Jul 24 16:46:06 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 09 16:58:40 2024
 Response via : Initial Calibration

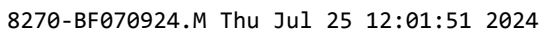
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

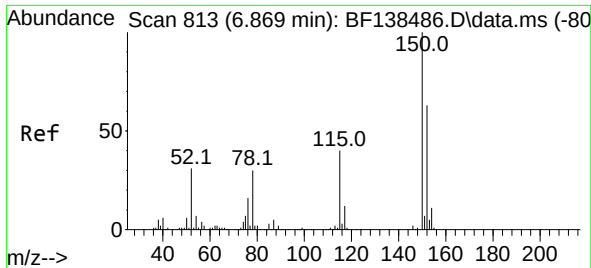
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	87072	20.000	ng	-0.02
21) Naphthalene-d8	8.133	136	330497	20.000	ng	-0.02
39) Acenaphthene-d10	9.886	164	143994	20.000	ng	-0.02
64) Phenanthrene-d10	11.369	188	183545	20.000	ng	-0.02
76) Chrysene-d12	14.010	240	114659	20.000	ng	-0.02
86) Perylene-d12	15.468	264	88626	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	428966	78.025	ng	-0.02
7) Phenol-d6	6.487	99	578080	79.040	ng	-0.02
23) Nitrobenzene-d5	7.416	82	373977	55.557	ng	-0.02
42) 2,4,6-Tribromophenol	10.674	330	85487	63.523	ng	-0.02
45) 2-Fluorobiphenyl	9.210	172	569662	61.831	ng	-0.02
79) Terphenyl-d14	12.951	244	386038	54.850	ng	-0.02
Target Compounds						Qvalue
52) Acenaphthene	9.916	154	16470	2.117	ng	99
58) Fluorene	10.433	166	20888	2.339	ng	97
71) Phenanthrene	11.392	178	212154	22.879	ng	99
72) Anthracene	11.445	178	62640	6.805	ng	98
75) Fluoranthene	12.586	202	320667	33.890	ng	98
78) Pyrene	12.816	202	292086	25.095	ng	99
81) Benzo(a)anthracene	13.998	228	126291	16.415	ng	95
83) Chrysene	14.033	228	103109	14.167	ng	97
87) Indeno(1,2,3-cd)pyrene	16.933	276	41220	6.924	ng	96
88) Benzo(b)fluoranthene	15.045	252	94394m	18.912	ng	
89) Benzo(k)fluoranthene	15.062	252	28529m	5.861	ng	
90) Benzo(a)pyrene	15.409	252	64661	14.748	ng	97
91) Dibenzo(a,h)anthracene	16.939	278	10755	2.209	ng	# 81
92) Benzo(g,h,i)perylene	17.374	276	42780	8.285	ng	96

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

Manual Integrations APPROVED

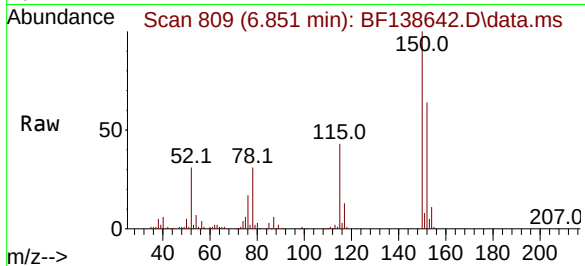
Quant Time: Jul 24 16:46:06 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 09 16:58:40 2024
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 809
Delta R.T. -0.018 min
Lab File: BF138642.D
Acq: 24 Jul 2024 16:13

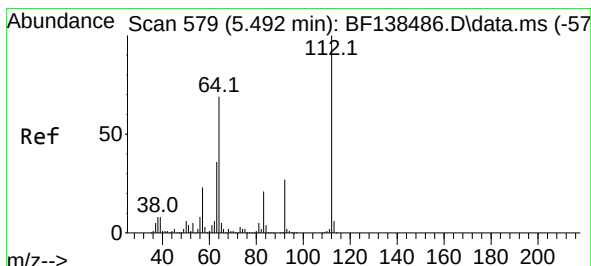
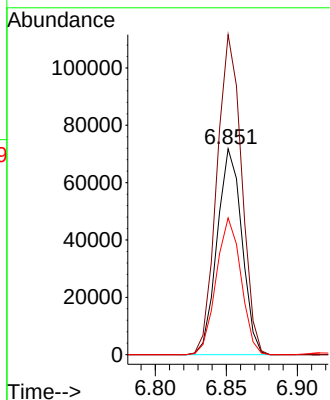
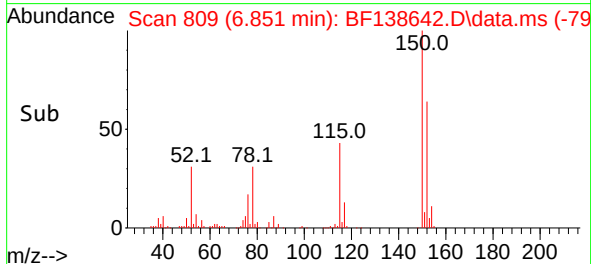
Instrument :
BNA_F
ClientSampleId :
GREEN-STREET-B



Tgt Ion:152 Resp: 87072
Ion Ratio Lower Upper
152 100
150 155.4 126.2 189.4
115 66.4 50.3 75.5

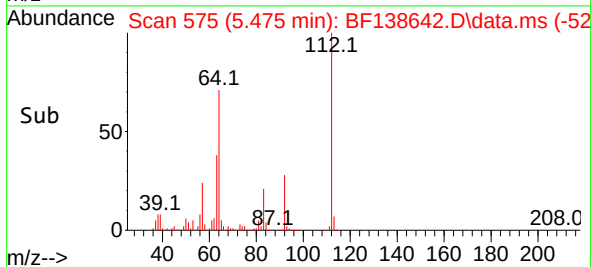
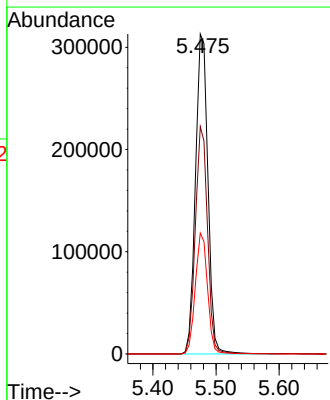
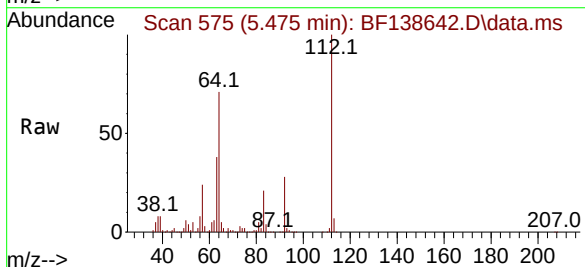
Manual Integrations
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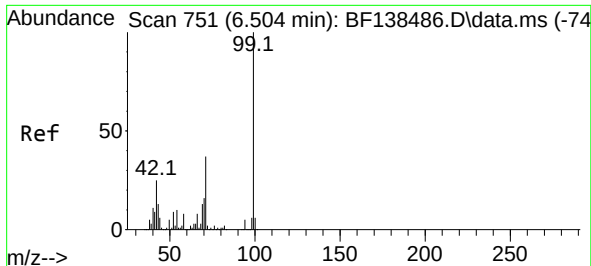
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/25/2024



#5
2-Fluorophenol
Concen: 78.025 ng
RT: 5.475 min Scan# 575
Delta R.T. -0.018 min
Lab File: BF138642.D
Acq: 24 Jul 2024 16:13

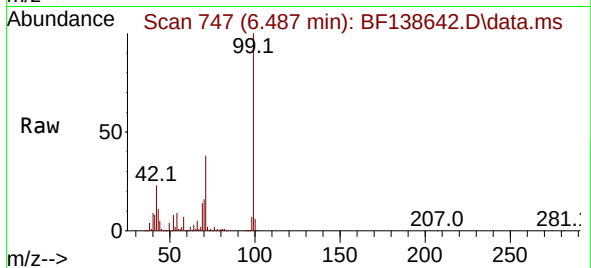
Tgt Ion:112 Resp: 428966
Ion Ratio Lower Upper
112 100
64 71.1 55.1 82.7
63 37.8 29.0 43.6





#7
Phenol-d6
Concen: 79.040 ng
RT: 6.487 min Scan# 74
Delta R.T. -0.018 min
Lab File: BF138642.D
Acq: 24 Jul 2024 16:13

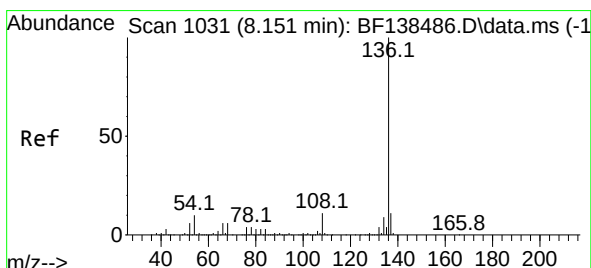
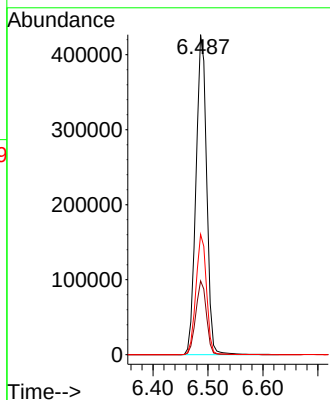
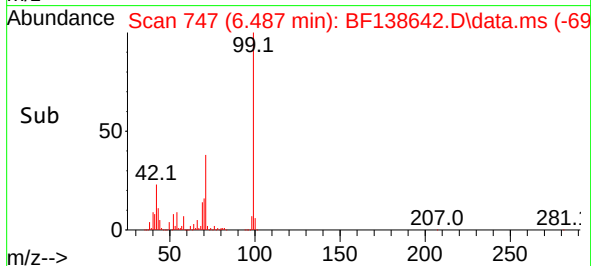
Instrument :
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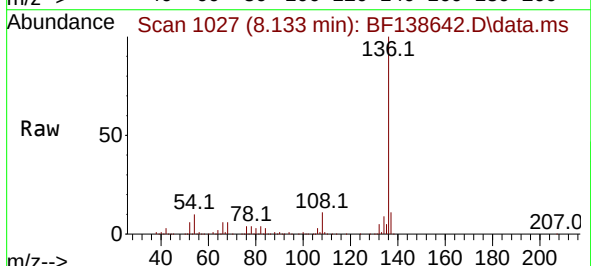
Tgt Ion: 99 Resp: 578080
Ion Ratio Lower Upper
99 100
42 23.0 19.7 29.5
71 37.6 29.9 44.9

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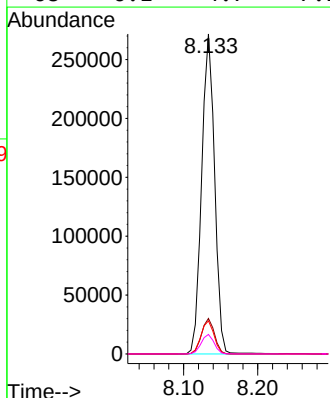
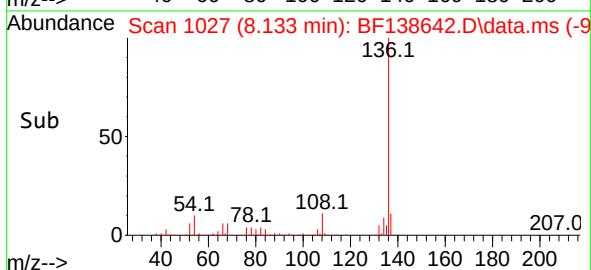
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/25/2024

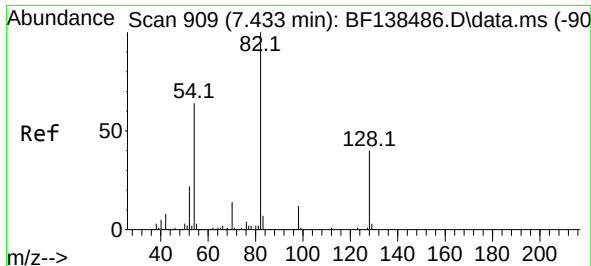


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.133 min Scan# 1027
Delta R.T. -0.018 min
Lab File: BF138642.D
Acq: 24 Jul 2024 16:13



Tgt Ion:136 Resp: 330497
Ion Ratio Lower Upper
136 100
137 11.1 8.5 12.7
54 10.4 8.1 12.1
68 6.1 4.7 7.1





#23

Nitrobenzene-d5

Concen: 55.557 ng

RT: 7.416 min Scan# 909

Delta R.T. -0.018 min

Lab File: BF138642.D

Acq: 24 Jul 2024 16:13

Instrument :

BNA_F

ClientSampleId :

GREEN-STREET-B

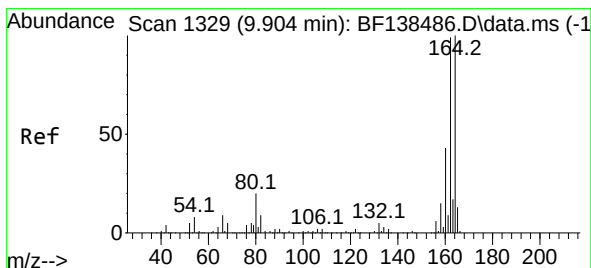
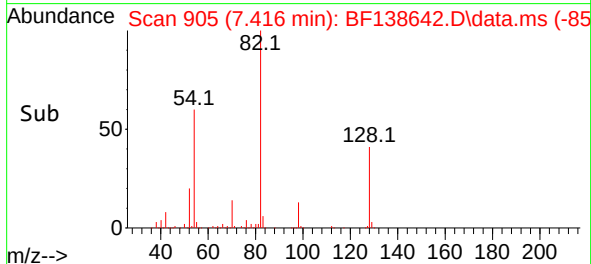
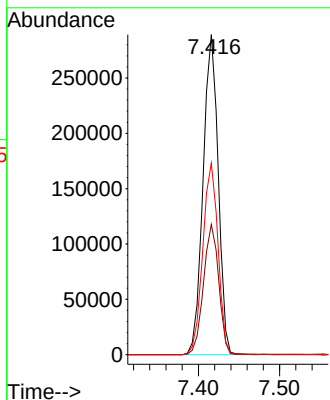
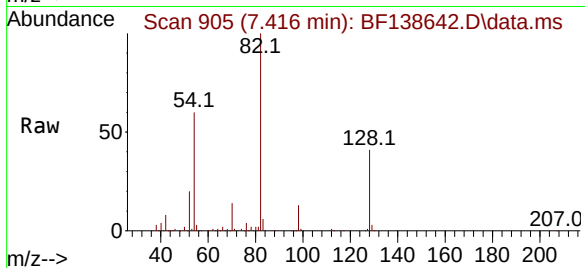
Tgt Ion: 82 Resp: 37397
 Ion Ratio Lower Upper
 82 100
 128 40.7 32.3 48.5
 54 59.9 51.4 77.0

Manual Integrations

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#39

Acenaphthene-d10

Concen: 20.000 ng

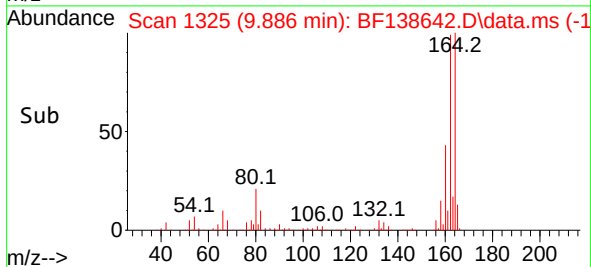
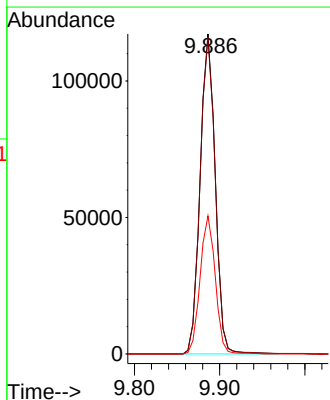
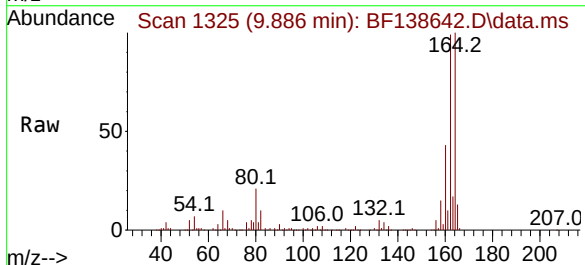
RT: 9.886 min Scan# 1325

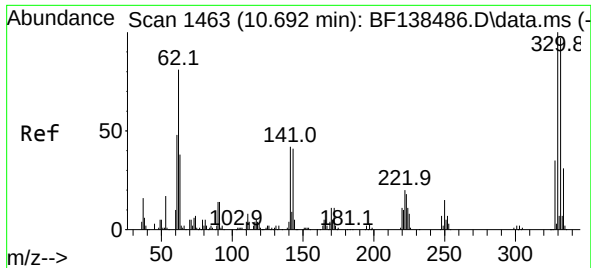
Delta R.T. -0.018 min

Lab File: BF138642.D

Acq: 24 Jul 2024 16:13

Tgt Ion:164 Resp: 143994
 Ion Ratio Lower Upper
 164 100
 162 98.9 79.0 118.6
 160 43.2 34.4 51.6





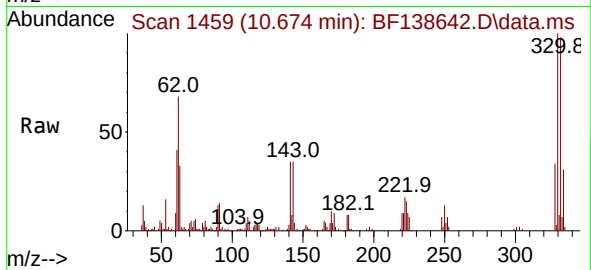
#42
2,4,6-Tribromophenol
Concen: 63.523 ng
RT: 10.674 min Scan# 1463
Delta R.T. -0.018 min
Lab File: BF138642.D
Acq: 24 Jul 2024 16:13

Instrument :

BNA_F

ClientSampleId :

GREEN-STREET-B



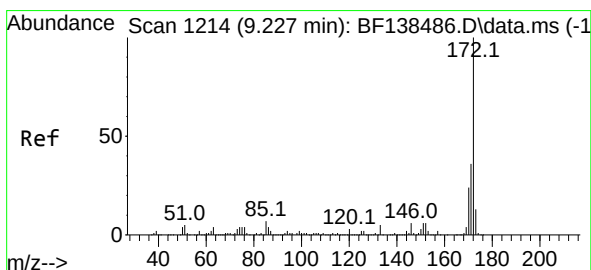
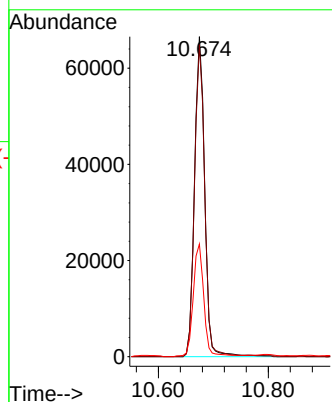
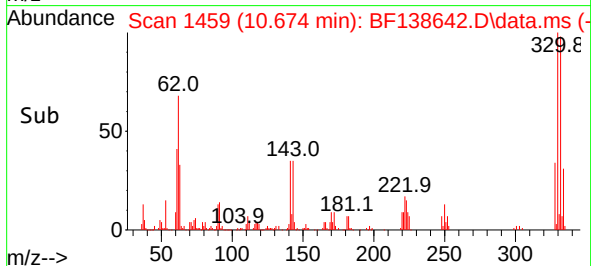
Tgt Ion:330 Resp: 8548
Ion Ratio Lower Upper
330 100
332 97.3 76.8 115.2
141 37.0 29.4 44.2

Manual Integrations

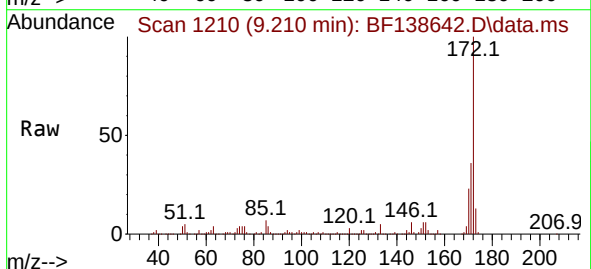
APPROVED

Reviewed By :Yogesh Patel 07/25/2024

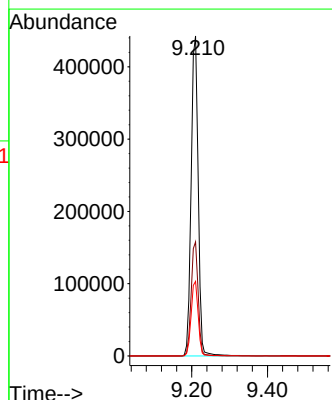
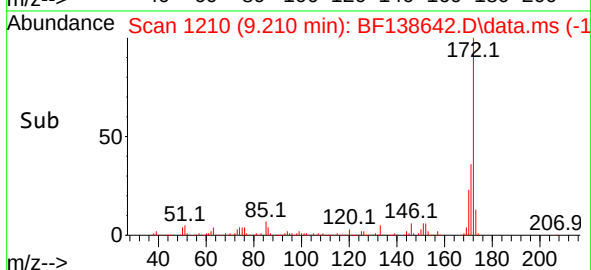
Supervised By :mohammad ahmed 07/25/2024

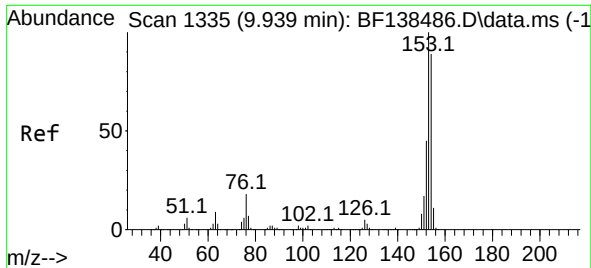


#45
2-Fluorobiphenyl
Concen: 61.831 ng
RT: 9.210 min Scan# 1210
Delta R.T. -0.018 min
Lab File: BF138642.D
Acq: 24 Jul 2024 16:13



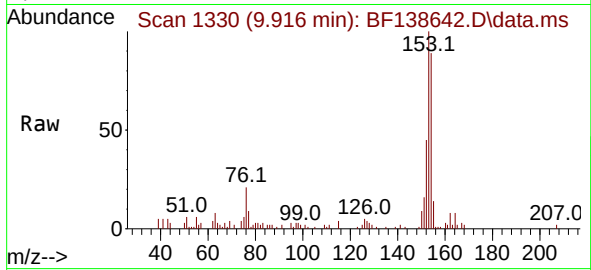
Tgt Ion:172 Resp: 569662
Ion Ratio Lower Upper
172 100
171 35.7 28.9 43.3
170 23.3 18.9 28.3





#52
Acenaphthene
Concen: 2.117 ng
RT: 9.916 min Scan# 11
Delta R.T. -0.024 min
Lab File: BF138642.D
Acq: 24 Jul 2024 16:13

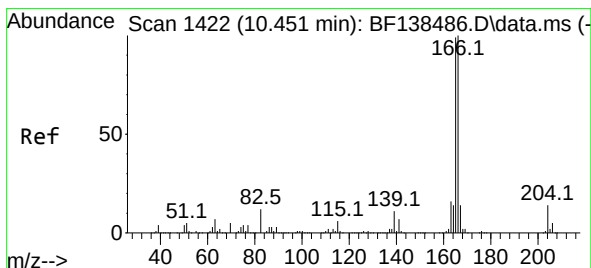
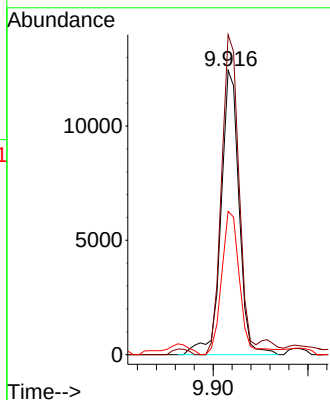
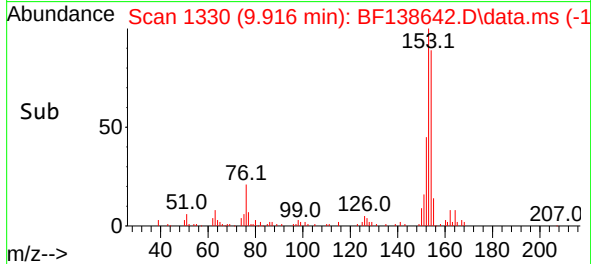
Instrument :
BNA_F
ClientSampleId :
GREEN-STREET-B



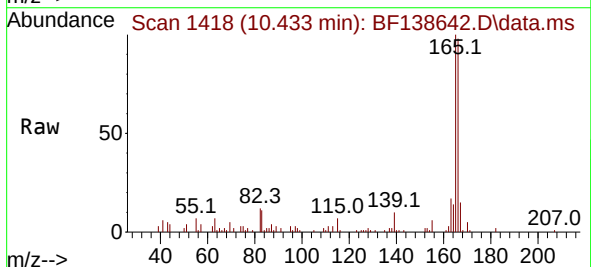
Tgt Ion:154 Resp: 16470
Ion Ratio Lower Upper
154 100
153 112.6 90.4 135.6
152 50.4 41.1 61.7

Manual Integrations
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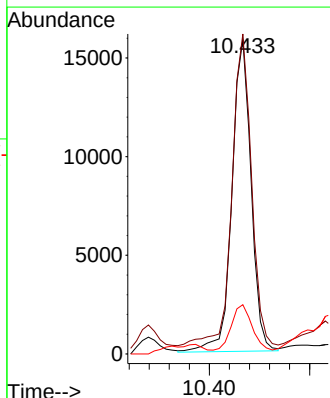
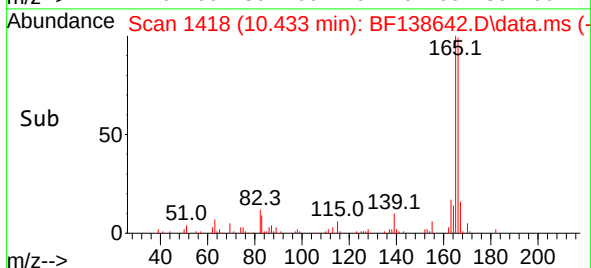
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/25/2024

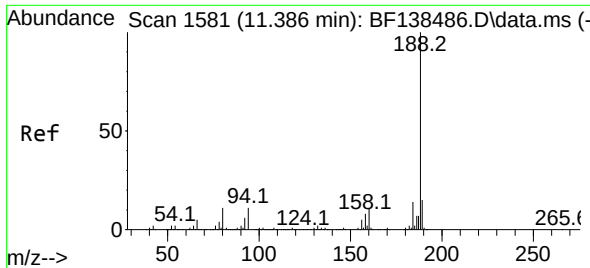


#58
Fluorene
Concen: 2.339 ng
RT: 10.433 min Scan# 1418
Delta R.T. -0.018 min
Lab File: BF138642.D
Acq: 24 Jul 2024 16:13



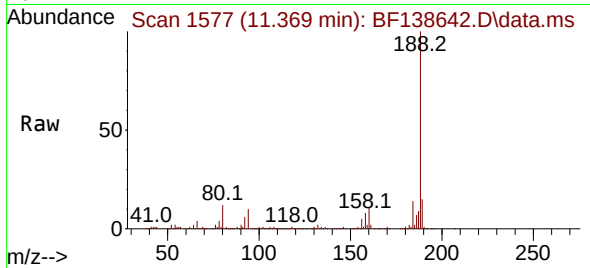
Tgt Ion:166 Resp: 20888
Ion Ratio Lower Upper
166 100
165 101.8 79.1 118.7
167 15.7 11.0 16.6





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 1577
Delta R.T. -0.018 min
Lab File: BF138642.D
Acq: 24 Jul 2024 16:13

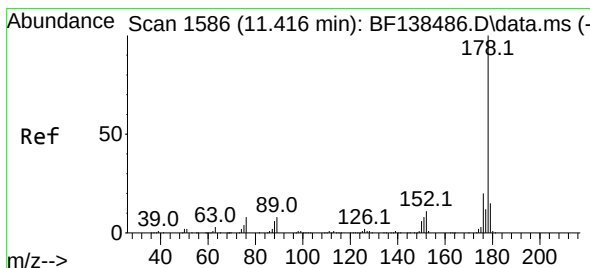
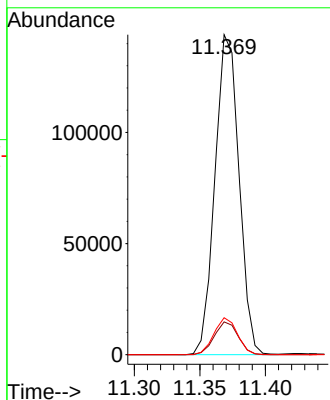
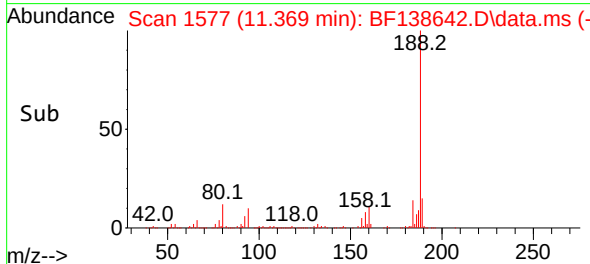
Instrument :
BNA_F
ClientSampleId :
GREEN-STREET-B



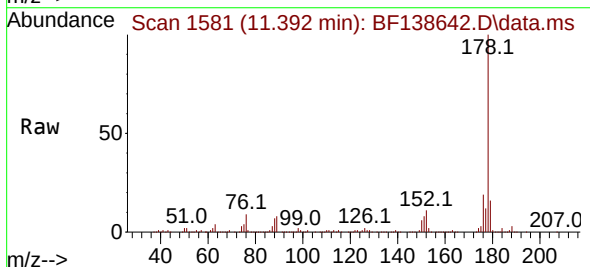
Tgt Ion:188 Resp: 18354
Ion Ratio Lower Upper
188 100
94 10.2 8.7 13.1
80 11.6 9.0 13.4

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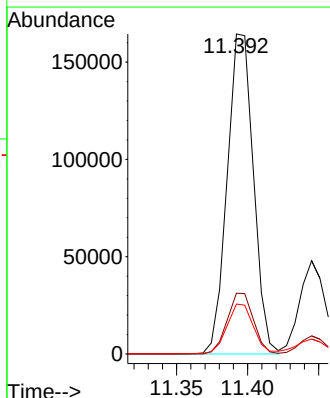
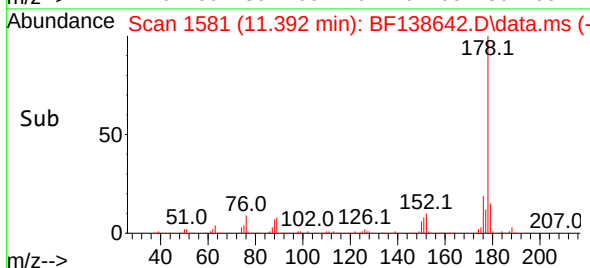
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/25/2024

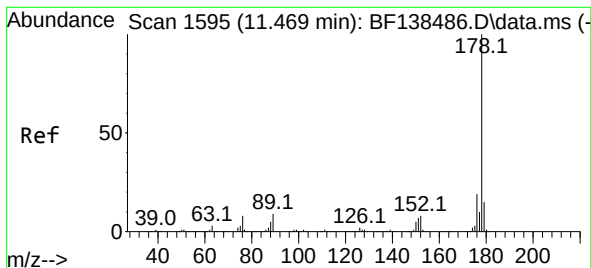


#71
Phenanthrene
Concen: 22.879 ng
RT: 11.392 min Scan# 1581
Delta R.T. -0.023 min
Lab File: BF138642.D
Acq: 24 Jul 2024 16:13



Tgt Ion:178 Resp: 212154
Ion Ratio Lower Upper
178 100
176 19.0 15.7 23.5
179 15.6 12.2 18.2





#72

Anthracene

Concen: 6.805 ng

RT: 11.445 min Scan# 11

Delta R.T. -0.024 min

Lab File: BF138642.D

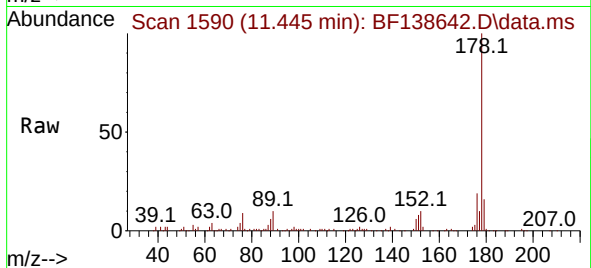
Acq: 24 Jul 2024 16:13

Instrument :

BNA_F

ClientSampleId :

GREEN-STREET-B



Tgt Ion:178 Resp: 62640

Ion Ratio Lower Upper

178 100

176 19.4 14.8 22.2

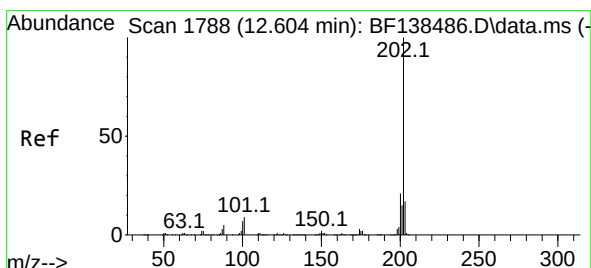
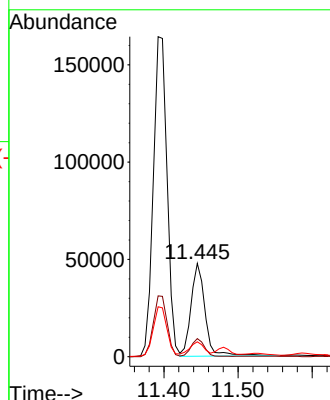
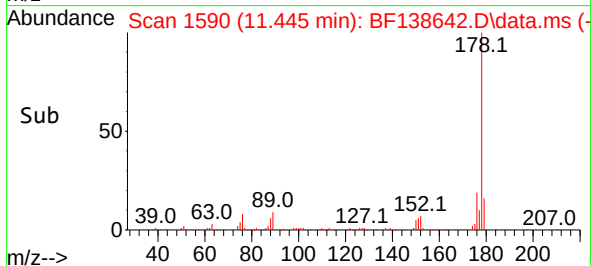
179 16.0 12.2 18.4

Manual Integrations

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#75

Fluoranthene

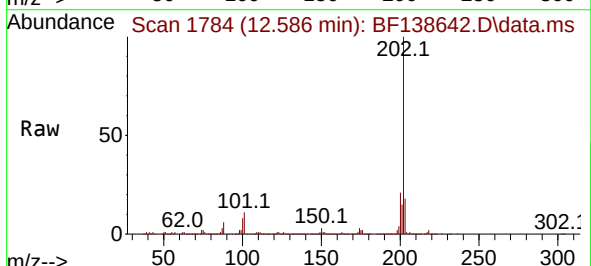
Concen: 33.890 ng

RT: 12.586 min Scan# 1784

Delta R.T. -0.018 min

Lab File: BF138642.D

Acq: 24 Jul 2024 16:13



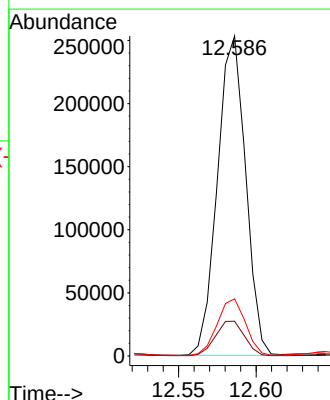
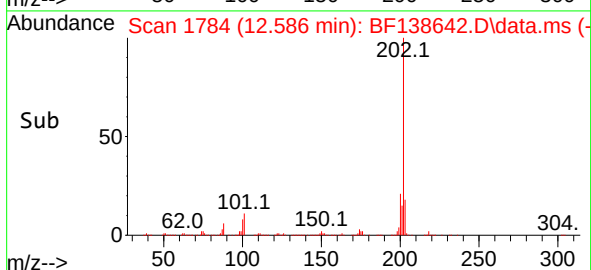
Tgt Ion:202 Resp: 320667

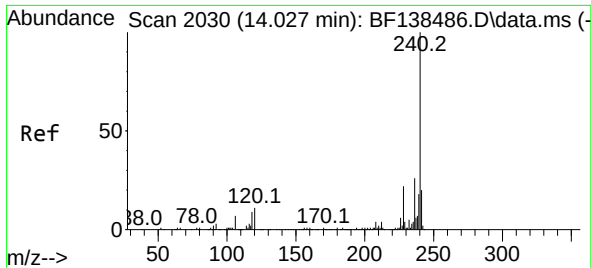
Ion Ratio Lower Upper

202 100

101 10.9 0.0 29.2

203 17.9 0.0 37.3





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2030
Delta R.T. -0.018 min
Lab File: BF138642.D
Acq: 24 Jul 2024 16:13

Instrument :

BNA_F

ClientSampleId :

GREEN-STREET-B

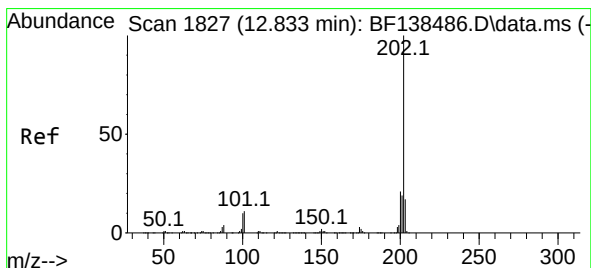
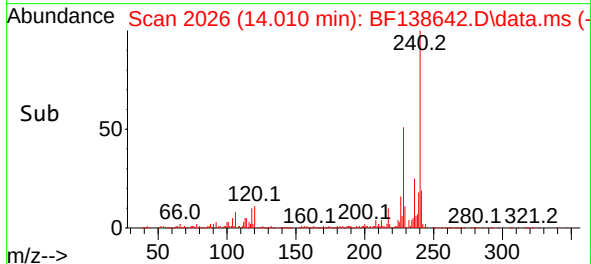
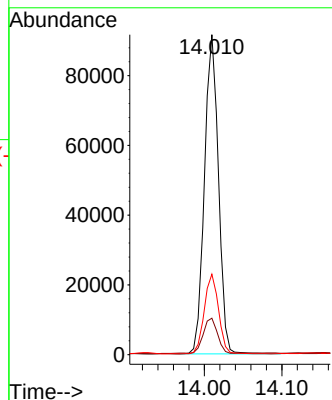
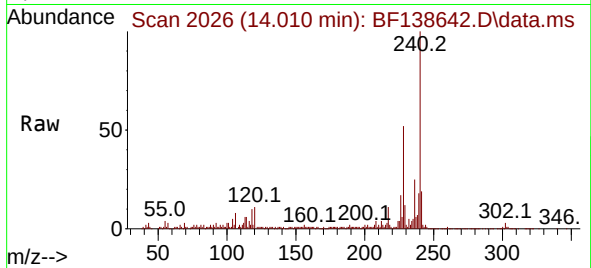
Tgt Ion:240 Resp: 114659
Ion Ratio Lower Upper
240 100
120 11.4 8.6 12.8
236 25.1 21.0 31.6

Manual Integrations

APPROVED

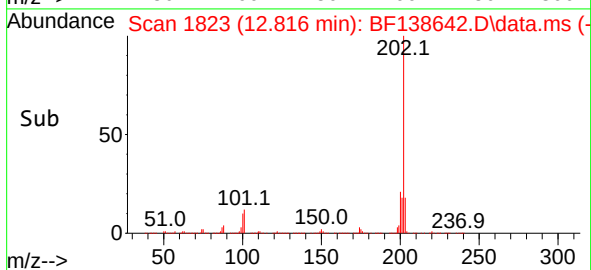
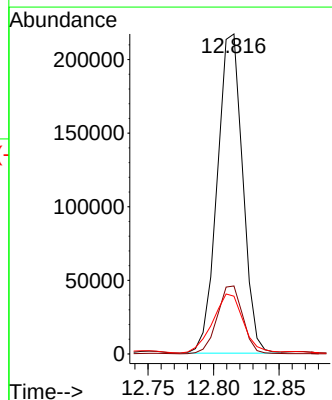
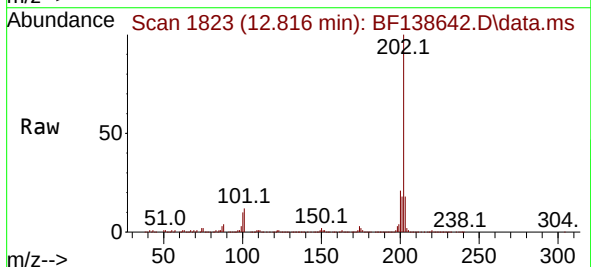
Reviewed By :Yogesh Patel 07/25/2024

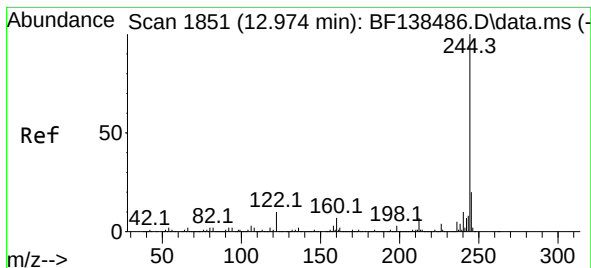
Supervised By :mohammad ahmed 07/25/2024



#78
Pyrene
Concen: 25.095 ng
RT: 12.816 min Scan# 1823
Delta R.T. -0.018 min
Lab File: BF138642.D
Acq: 24 Jul 2024 16:13

Tgt Ion:202 Resp: 292086
Ion Ratio Lower Upper
202 100
200 21.3 17.0 25.6
203 18.0 13.7 20.5





#79

Terphenyl-d14

Concen: 54.850 ng

RT: 12.951 min Scan# 11

Delta R.T. -0.024 min

Lab File: BF138642.D

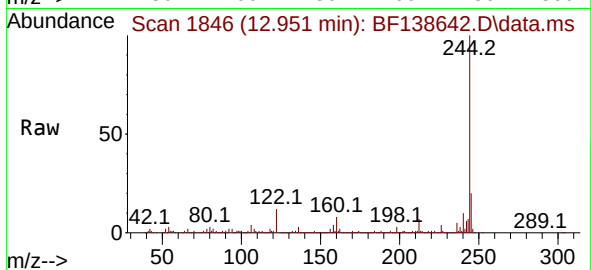
Acq: 24 Jul 2024 16:13

Instrument :

BNA_F

ClientSampleId :

GREEN-STREET-B



Tgt Ion:244 Resp: 386038

Ion Ratio Lower Upper

244 100

212 7.0 5.5 8.3

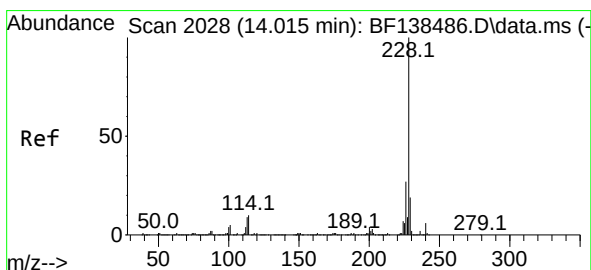
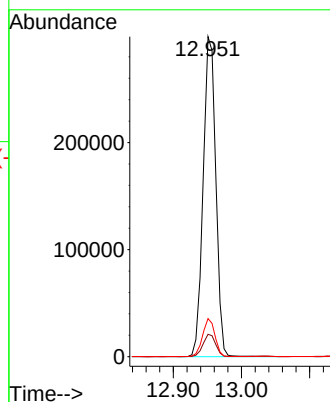
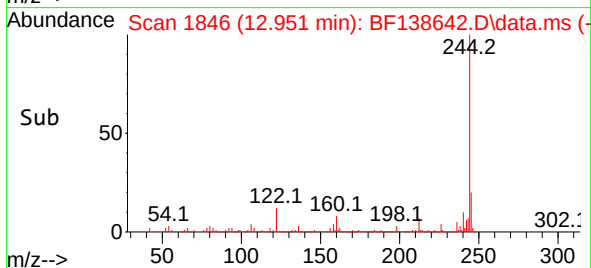
122 11.9 7.8 11.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/25/2024

Supervised By :mohammad ahmed 07/25/2024



#81

Benzo(a)anthracene

Concen: 16.415 ng

RT: 13.998 min Scan# 2024

Delta R.T. -0.018 min

Lab File: BF138642.D

Acq: 24 Jul 2024 16:13

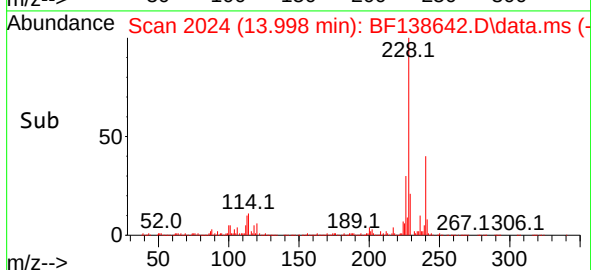
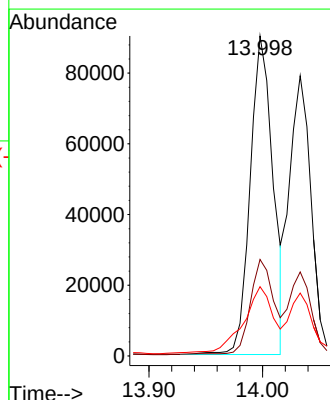
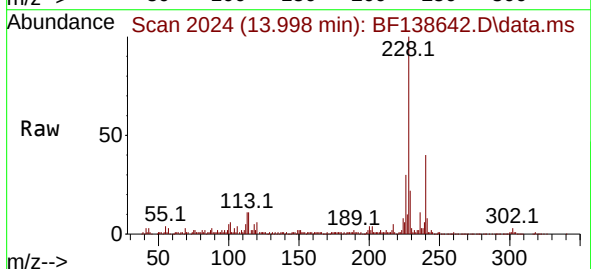
Tgt Ion:228 Resp: 126291

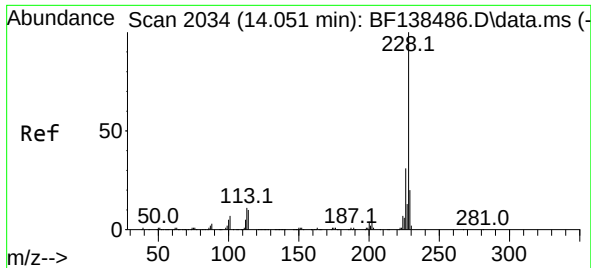
Ion Ratio Lower Upper

228 100

226 30.1 21.9 32.9

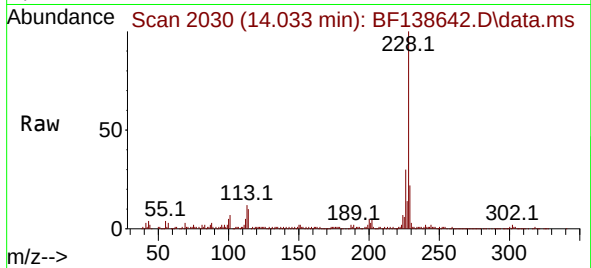
229 21.6 15.5 23.3





#83
Chrysene
Concen: 14.167 ng
RT: 14.033 min Scan# 2034
Delta R.T. -0.018 min
Lab File: BF138642.D
Acq: 24 Jul 2024 16:13

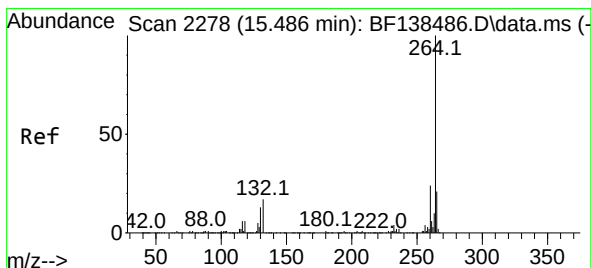
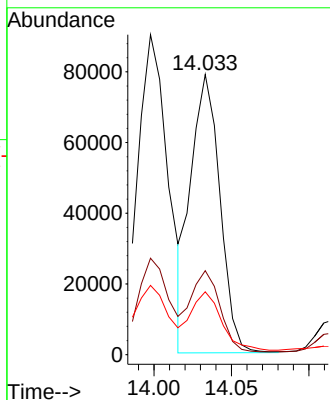
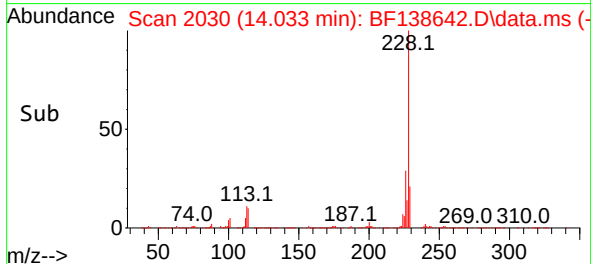
Instrument :
BNA_F
ClientSampleId :
GREEN-STREET-B



Tgt Ion:228 Resp: 103109
Ion Ratio Lower Upper
228 100
226 30.0 24.4 36.6
229 22.5 16.0 24.0

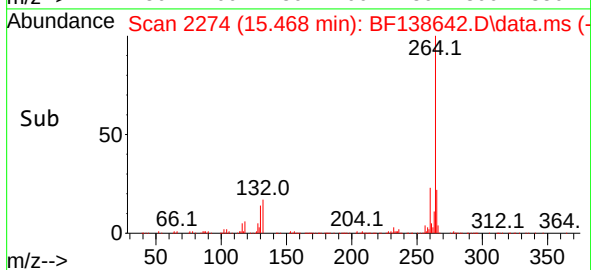
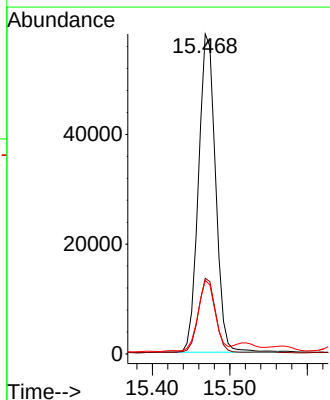
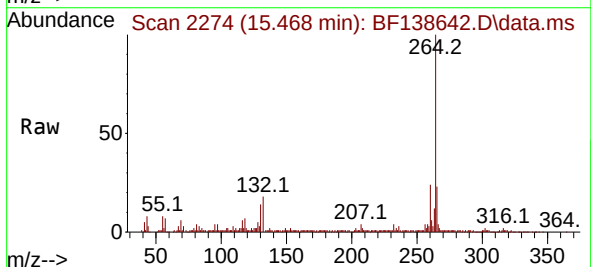
Manual Integrations
APPROVED

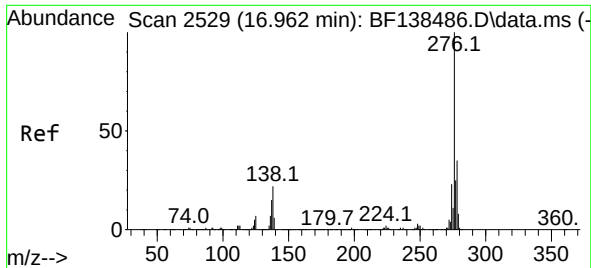
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/25/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.468 min Scan# 2274
Delta R.T. -0.018 min
Lab File: BF138642.D
Acq: 24 Jul 2024 16:13

Tgt Ion:264 Resp: 88626
Ion Ratio Lower Upper
264 100
260 23.7 19.0 28.6
265 23.0 17.0 25.4





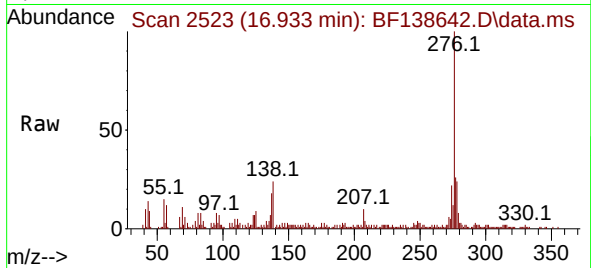
#87
Indeno(1,2,3-cd)pyrene
Concen: 6.924 ng
RT: 16.933 min Scan# 21
Delta R.T. -0.029 min
Lab File: BF138642.D
Acq: 24 Jul 2024 16:13

Instrument :

BNA_F

ClientSampleId :

GREEN-STREET-B

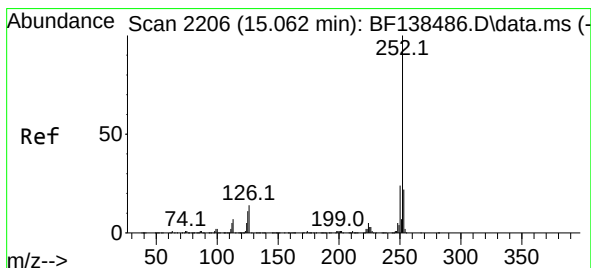
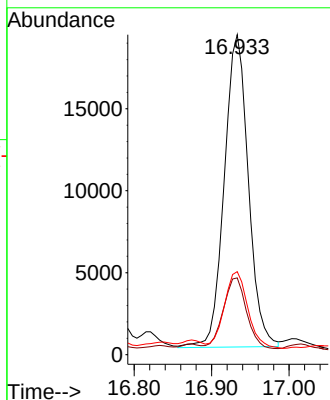
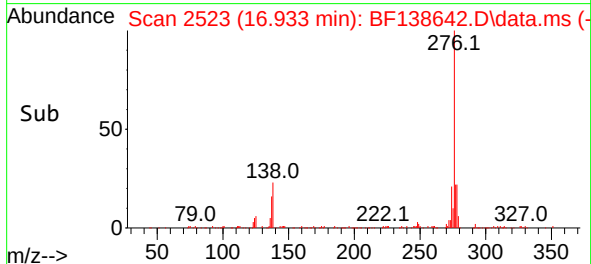


Tgt Ion:276 Resp: 41220
Ion Ratio Lower Upper
276 100
138 21.9 19.6 29.4
277 24.0 20.5 30.7

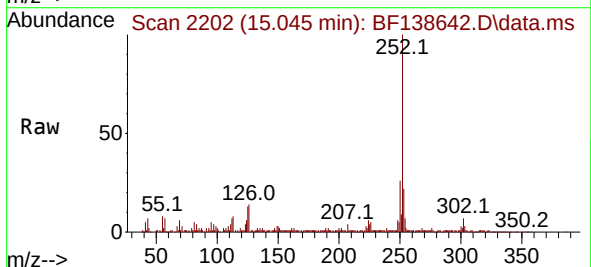
Manual Integrations

APPROVED

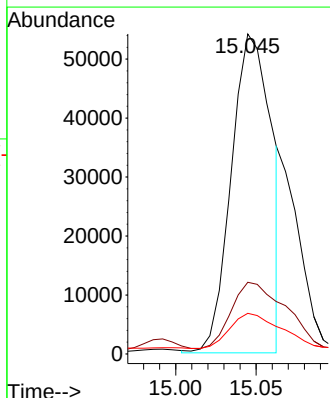
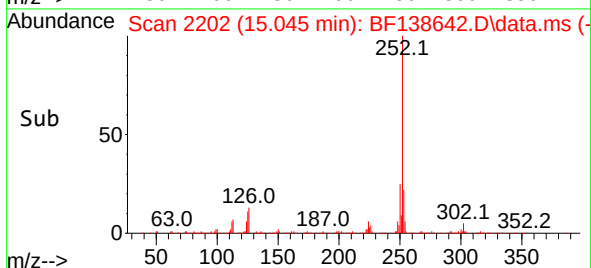
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/25/2024

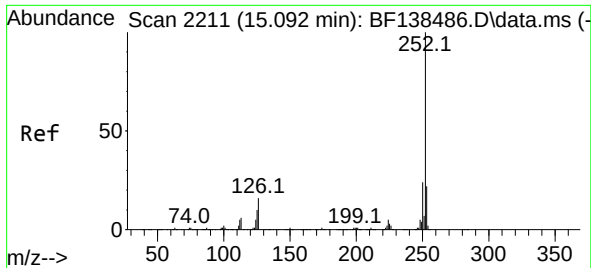


#88
Benzo(b)fluoranthene
Concen: 18.912 ng m
RT: 15.045 min Scan# 2202
Delta R.T. -0.018 min
Lab File: BF138642.D
Acq: 24 Jul 2024 16:13



Tgt Ion:252 Resp: 94394
Ion Ratio Lower Upper
252 100
253 22.4 17.3 25.9
125 12.7 8.6 13.0





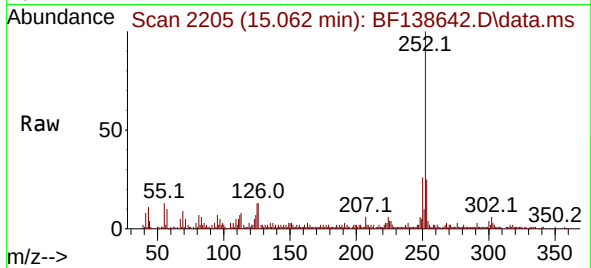
#89
Benzo(k)fluoranthene
Concen: 5.861 ng m
RT: 15.062 min Scan# 21
Delta R.T. -0.029 min
Lab File: BF138642.D
Acq: 24 Jul 2024 16:13

Instrument :

BNA_F

ClientSampleId :

GREEN-STREET-B



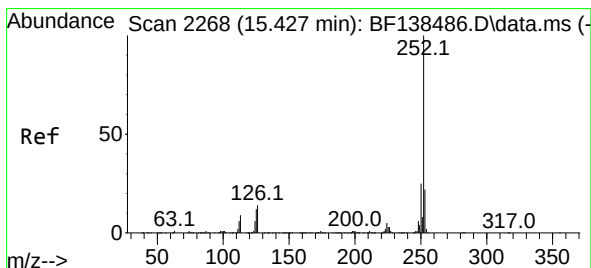
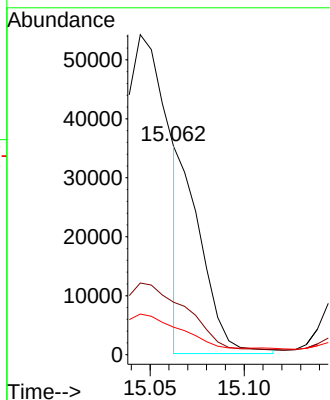
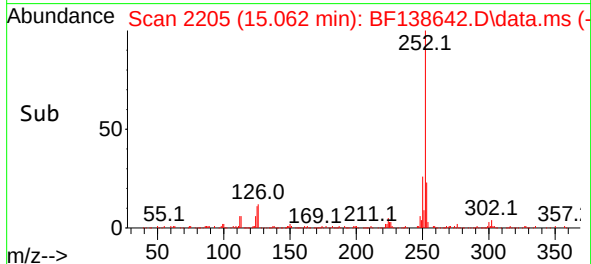
Tgt Ion:252 Resp: 28529
Ion Ratio Lower Upper
252 100
253 25.2 17.7 26.5
125 13.2 8.1 12.1

Manual Integrations

APPROVED

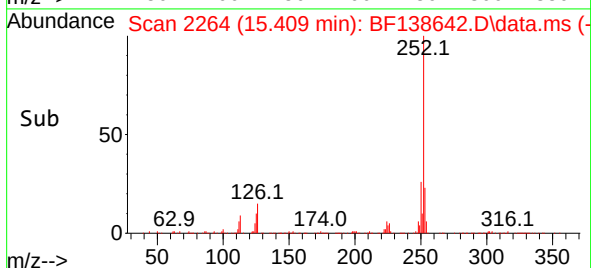
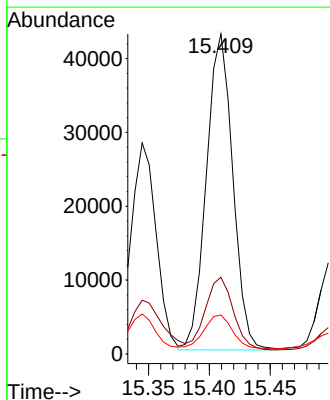
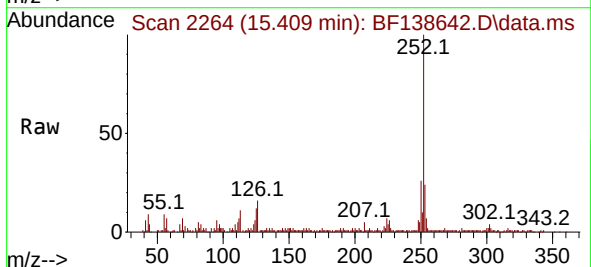
Reviewed By :Yogesh Patel 07/25/2024

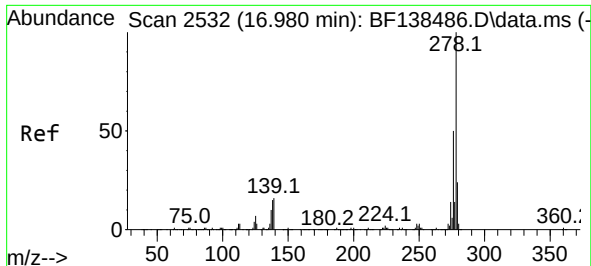
Supervised By :mohammad ahmed 07/25/2024



#90
Benzo(a)pyrene
Concen: 14.748 ng
RT: 15.409 min Scan# 2264
Delta R.T. -0.018 min
Lab File: BF138642.D
Acq: 24 Jul 2024 16:13

Tgt Ion:252 Resp: 64661
Ion Ratio Lower Upper
252 100
253 24.0 17.4 26.0
125 12.2 9.4 14.2





#91

Dibenzo(a,h)anthracene

Concen: 2.209 ng

RT: 16.939 min Scan# 21

Delta R.T. -0.041 min

Lab File: BF138642.D

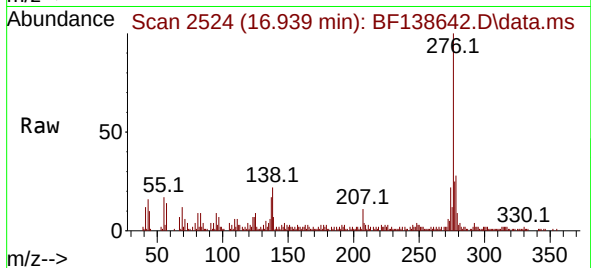
Acq: 24 Jul 2024 16:13

Instrument :

BNA_F

ClientSampleId :

GREEN-STREET-B



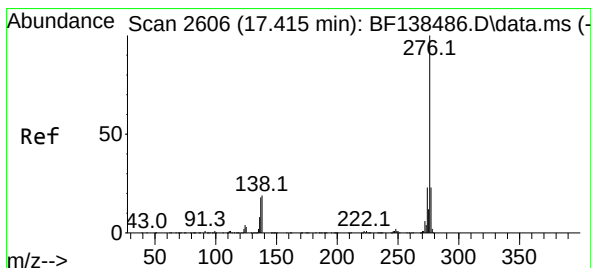
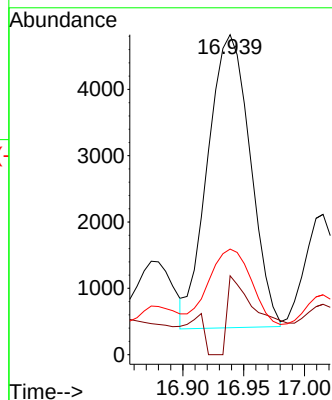
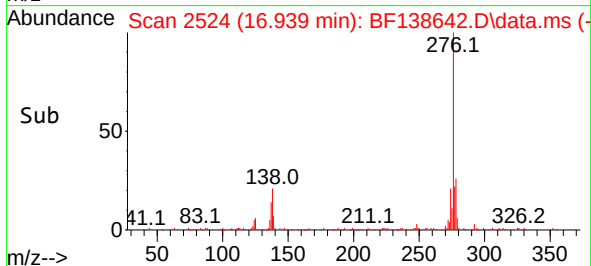
Tgt Ion:	278	Resp:	1075
Ion Ratio	Lower	Upper	
278	100		
139	24.7	12.8	19.2
279	33.0	19.1	28.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/25/2024

Supervised By :mohammad ahmed 07/25/2024



#92

Benzo(g,h,i)perylene

Concen: 8.285 ng

RT: 17.374 min Scan# 2598

Delta R.T. -0.041 min

Lab File: BF138642.D

Acq: 24 Jul 2024 16:13

Tgt Ion:	276	Resp:	42780
Ion Ratio	Lower	Upper	
276	100		
277	24.8	18.0	27.0
138	21.2	15.5	23.3

