

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072424\
 Data File : BF138643.D
 Acq On : 24 Jul 2024 16:43
 Operator : RC/JU
 Sample : P3340-01 2X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GREEN-STREET-A

Manual Integrations
 APPROVED

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

Quant Time: Jul 24 17:39:52 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	75359	20.000	ng	-0.02
21) Naphthalene-d8	8.134	136	284447	20.000	ng	-0.02
39) Acenaphthene-d10	9.886	164	122227	20.000	ng	-0.02
64) Phenanthrene-d10	11.369	188	165335	20.000	ng	-0.02
76) Chrysene-d12	14.010	240	110578	20.000	ng	-0.02
86) Perylene-d12	15.468	264	88624	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	333083	70.001	ng	-0.02
7) Phenol-d6	6.487	99	440865	69.648	ng	-0.02
23) Nitrobenzene-d5	7.416	82	281584	48.604	ng	-0.02
42) 2,4,6-Tribromophenol	10.675	330	64427	56.399	ng	-0.02
45) 2-Fluorobiphenyl	9.204	172	412511	52.747	ng	-0.02
79) Terphenyl-d14	12.951	244	318401	46.909	ng	-0.02
Target Compounds						Qvalue
71) Phenanthrene	11.392	178	47721	5.713	ng	99
75) Fluoranthene	12.580	202	92472	10.849	ng	97
78) Pyrene	12.810	202	113395	10.102	ng	99
81) Benzo(a)anthracene	13.998	228	46464	6.262	ng	# 88
83) Chrysene	14.033	228	38780	5.525	ng	96
87) Indeno(1,2,3-cd)pyrene	16.933	276	21257	3.571	ng	95
88) Benzo(b)fluoranthene	15.045	252	40672m	8.149	ng	
89) Benzo(k)fluoranthene	15.063	252	11996m	2.464	ng	
90) Benzo(a)pyrene	15.410	252	32053	7.311	ng	# 93
92) Benzo(g,h,i)perylene	17.374	276	23796	4.608	ng	# 91

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

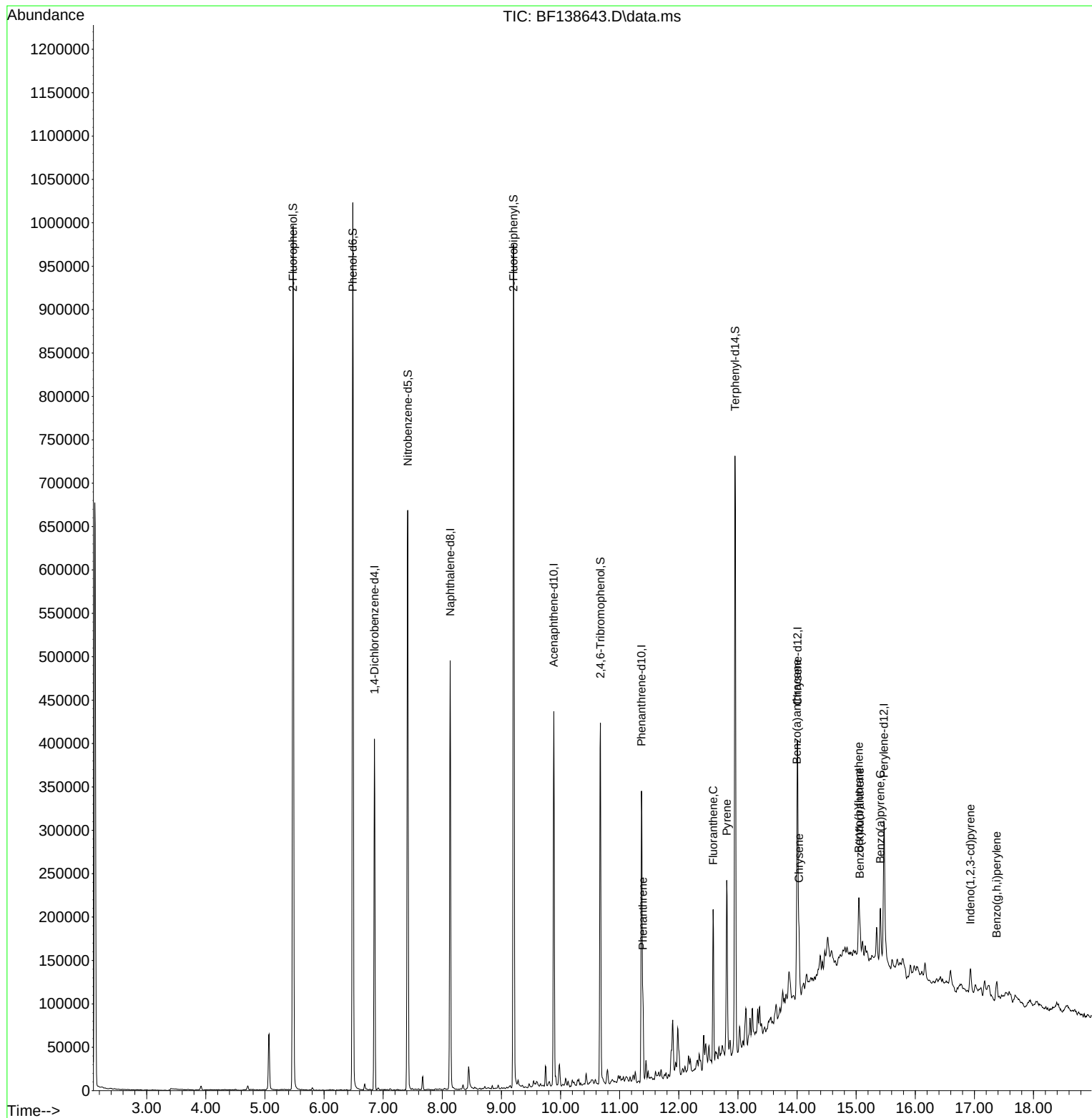
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072424\
Data File : BF138643.D
Acq On : 24 Jul 2024 16:43
Operator : RC/JU
Sample : P3340-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

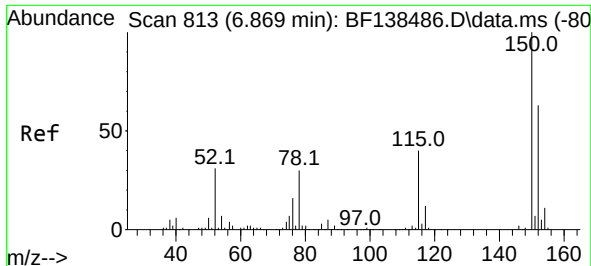
Instrument :
BNA_F
ClientSampleId :
GREEN-STREET-A

Quant Time: Jul 24 17:39:52 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
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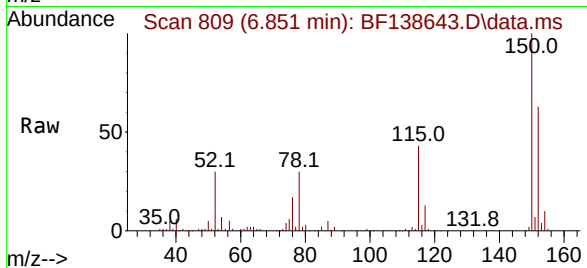
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 809
Delta R.T. -0.018 min
Lab File: BF138643.D
Acq: 24 Jul 2024 16:43

Instrument :

BNA_F

ClientSampleId :

GREEN-STREET-A



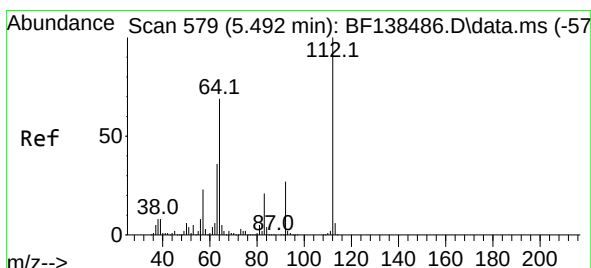
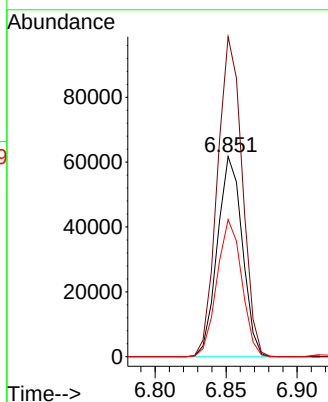
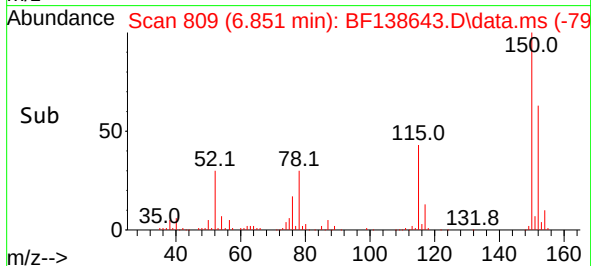
Tgt Ion:152 Resp: 75359
Ion Ratio Lower Upper
152 100
150 159.8 126.2 189.4
115 68.5 50.3 75.5

Manual Integrations

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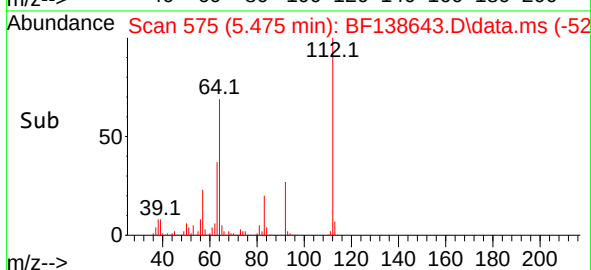
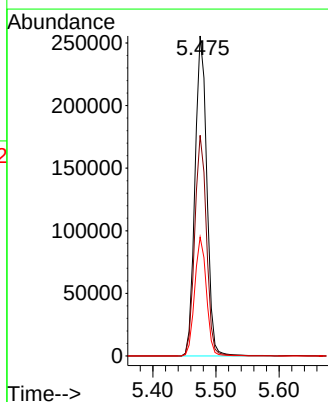
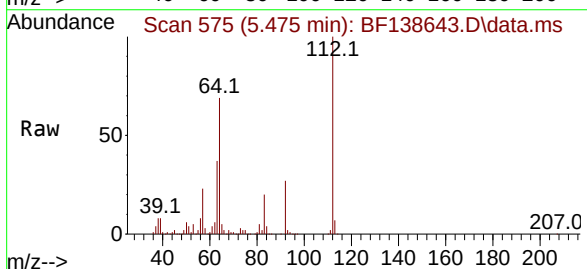
Reviewed By :Yogesh Patel 07/25/2024

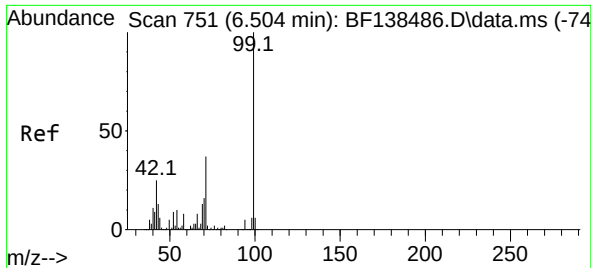
Supervised By :mohammad ahmed 07/25/2024



#5
2-Fluorophenol
Concen: 70.001 ng
RT: 5.475 min Scan# 575
Delta R.T. -0.017 min
Lab File: BF138643.D
Acq: 24 Jul 2024 16:43

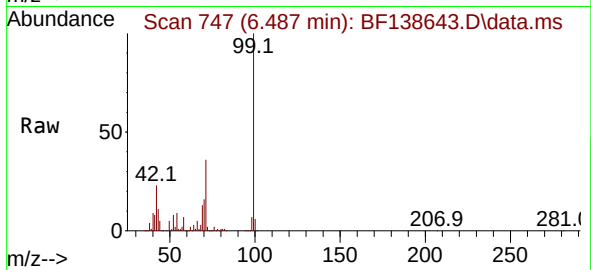
Tgt Ion:112 Resp: 333083
Ion Ratio Lower Upper
112 100
64 69.0 55.1 82.7
63 37.1 29.0 43.6





#7
Phenol-d6
Concen: 69.648 ng
RT: 6.487 min Scan# 74
Delta R.T. -0.017 min
Lab File: BF138643.D
Acq: 24 Jul 2024 16:43

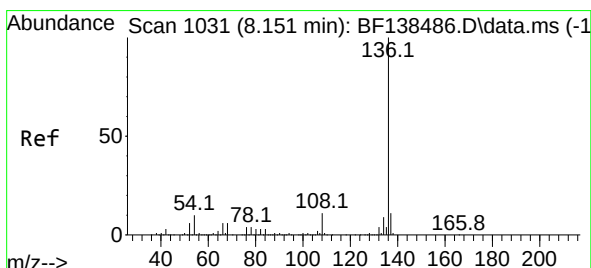
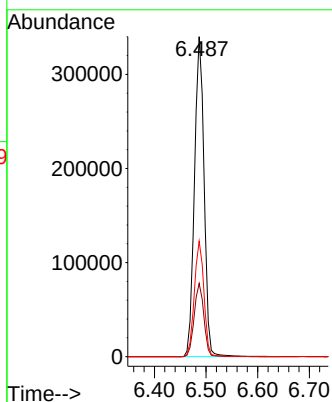
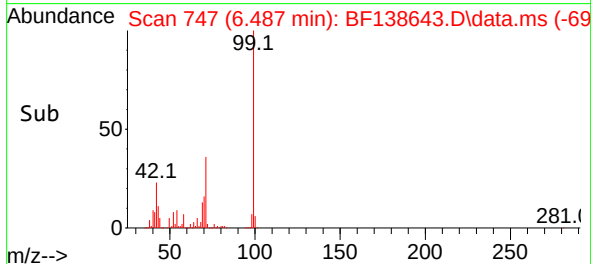
Instrument :
BNA_F
ClientSampleId :
GREEN-STREET-A



Tgt Ion: 99 Resp: 44086
Ion Ratio Lower Upper
99 100
42 22.9 19.7 29.5
71 36.1 29.9 44.9

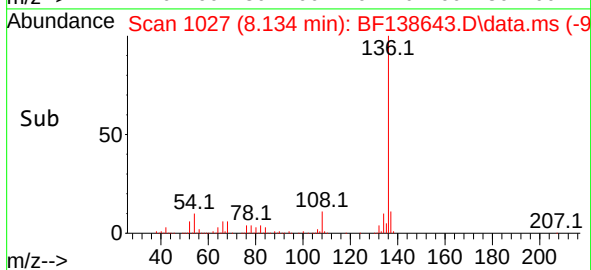
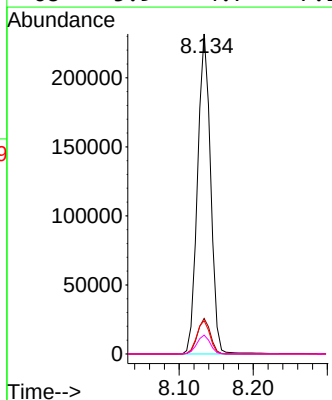
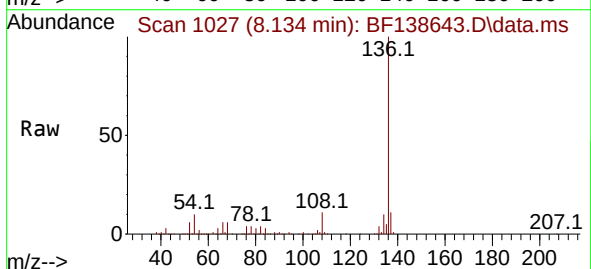
Manual Integrations
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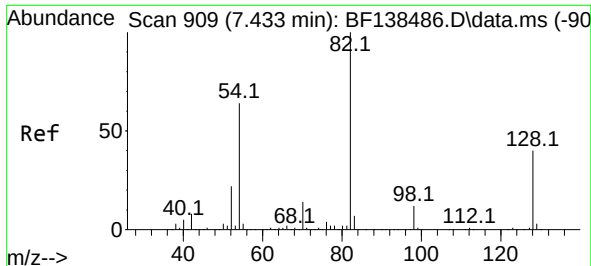
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/25/2024



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.134 min Scan# 1027
Delta R.T. -0.017 min
Lab File: BF138643.D
Acq: 24 Jul 2024 16:43

Tgt Ion:136 Resp: 284447
Ion Ratio Lower Upper
136 100
137 11.1 8.5 12.7
54 10.4 8.1 12.1
68 5.9 4.7 7.1





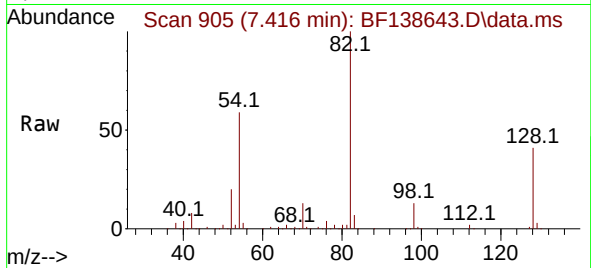
#23
Nitrobenzene-d5
Concen: 48.604 ng
RT: 7.416 min Scan# 909
Delta R.T. -0.017 min
Lab File: BF138643.D
Acq: 24 Jul 2024 16:43

Instrument :

BNA_F

ClientSampleId :

GREEN-STREET-A

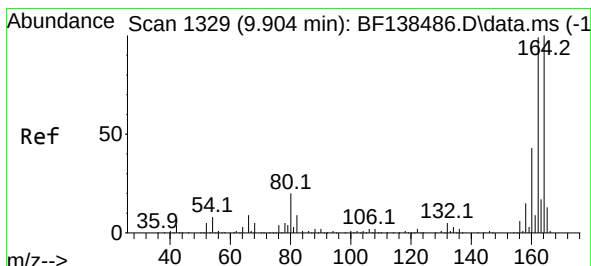
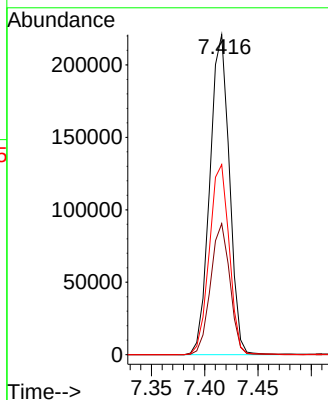
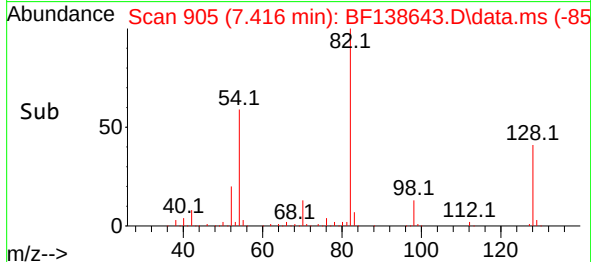


Tgt Ion: 82 Resp: 281584
Ion Ratio Lower Upper
82 100
128 40.9 32.3 48.5
54 59.4 51.4 77.0

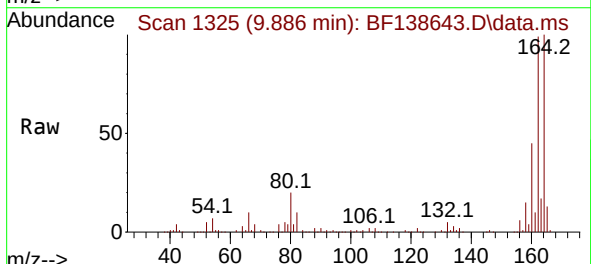
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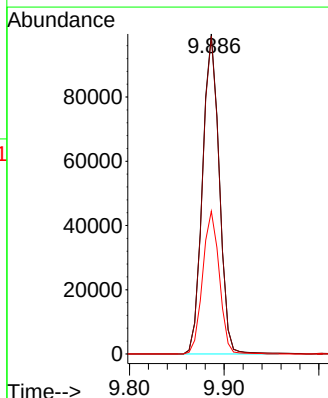
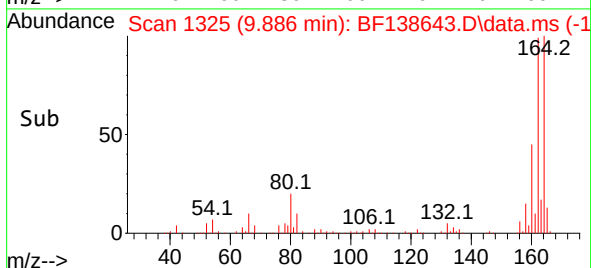
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/25/2024

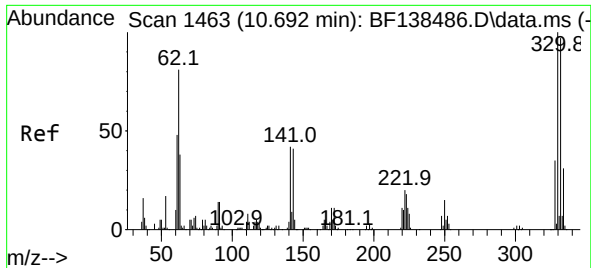


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1325
Delta R.T. -0.017 min
Lab File: BF138643.D
Acq: 24 Jul 2024 16:43



Tgt Ion:164 Resp: 122227
Ion Ratio Lower Upper
164 100
162 99.3 79.0 118.6
160 44.6 34.4 51.6





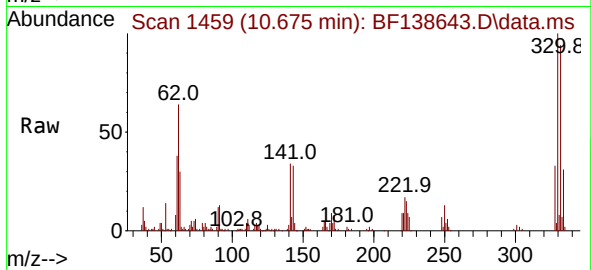
#42
2,4,6-Tribromophenol
Concen: 56.399 ng
RT: 10.675 min Scan# 1463
Delta R.T. -0.017 min
Lab File: BF138643.D
Acq: 24 Jul 2024 16:43

Instrument :

BNA_F

ClientSampleId :

GREEN-STREET-A



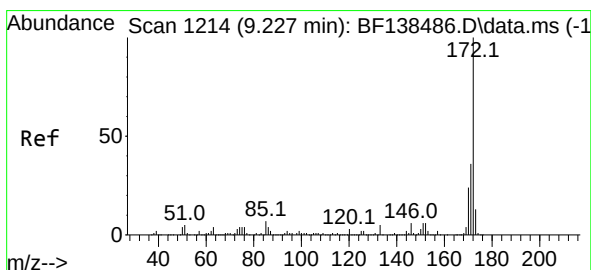
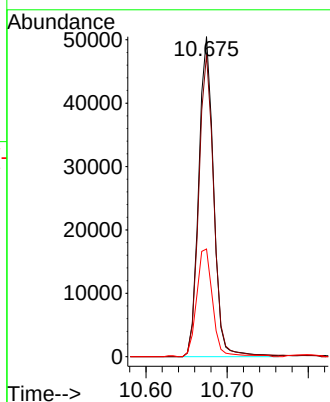
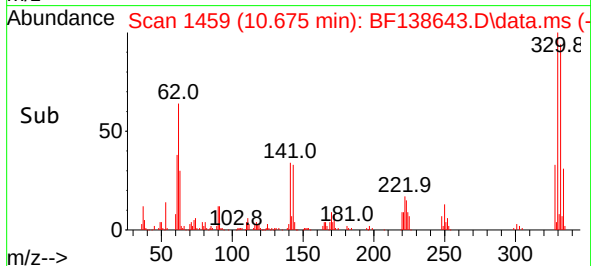
Tgt Ion:330 Resp: 6442
Ion Ratio Lower Upper
330 100
332 96.0 76.8 115.2
141 36.4 29.4 44.2

Manual Integrations

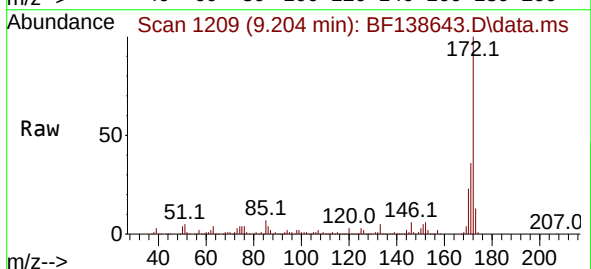
APPROVED

Reviewed By :Yogesh Patel 07/25/2024

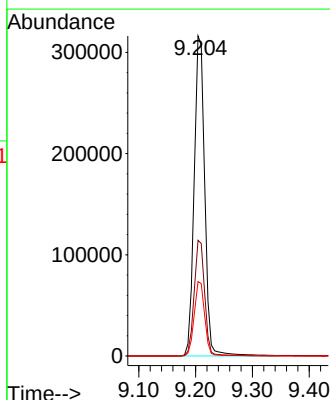
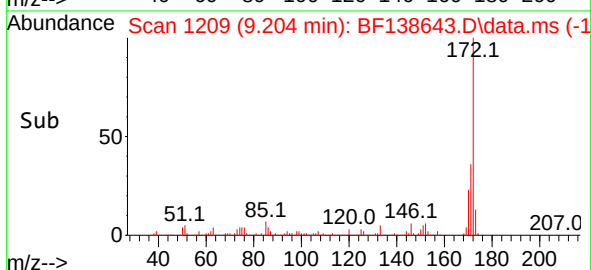
Supervised By :mohammad ahmed 07/25/2024

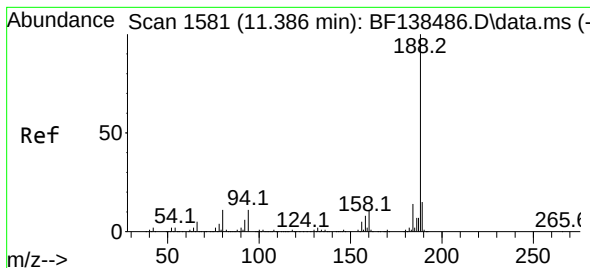


#45
2-Fluorobiphenyl
Concen: 52.747 ng
RT: 9.204 min Scan# 1209
Delta R.T. -0.023 min
Lab File: BF138643.D
Acq: 24 Jul 2024 16:43



Tgt Ion:172 Resp: 412511
Ion Ratio Lower Upper
172 100
171 36.1 28.9 43.3
170 23.2 18.9 28.3





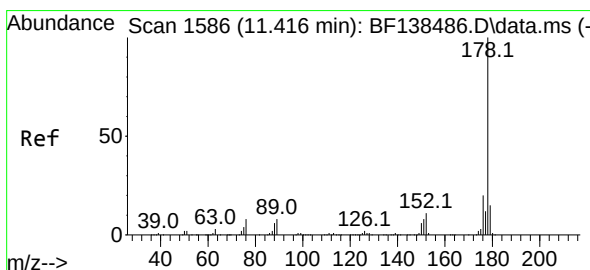
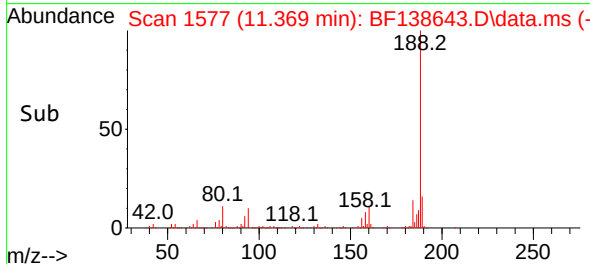
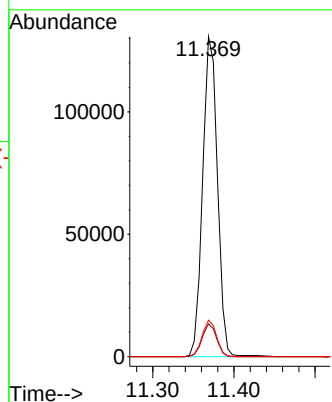
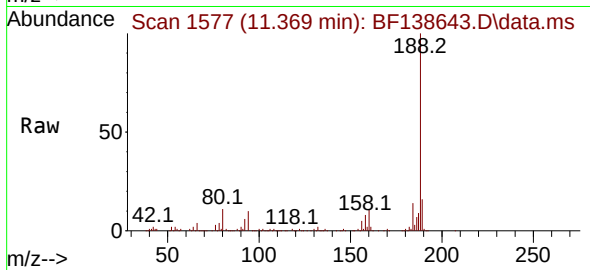
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 1577
Delta R.T. -0.017 min
Lab File: BF138643.D
Acq: 24 Jul 2024 16:43

Instrument :
BNA_F
ClientSampleId :
GREEN-STREET-A

Tgt Ion:188 Resp: 165335
Ion Ratio Lower Upper
188 100
94 10.2 8.7 13.1
80 11.4 9.0 13.4

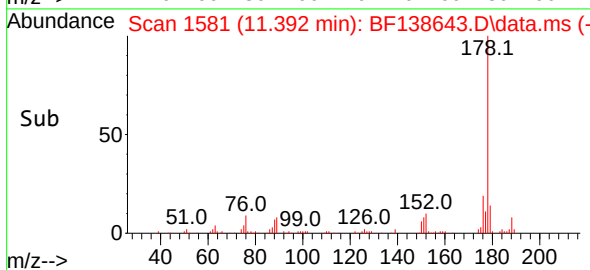
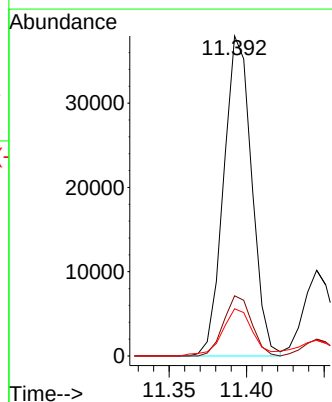
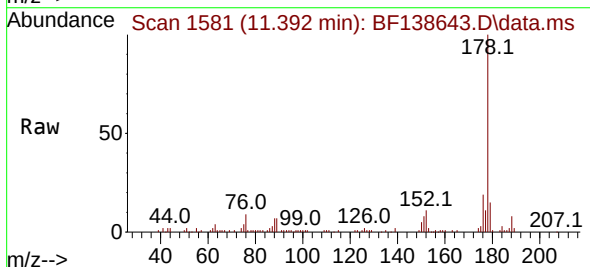
Manual Integrations
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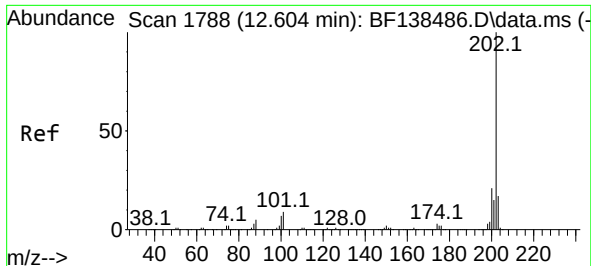
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/25/2024



#71
Phenanthrene
Concen: 5.713 ng
RT: 11.392 min Scan# 1581
Delta R.T. -0.023 min
Lab File: BF138643.D
Acq: 24 Jul 2024 16:43

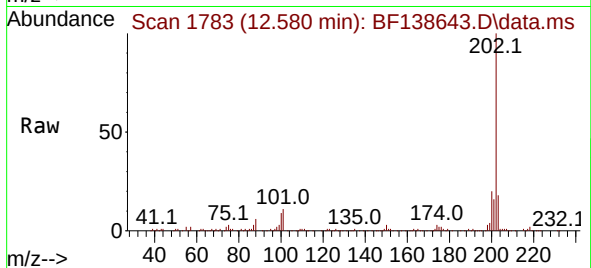
Tgt Ion:178 Resp: 47721
Ion Ratio Lower Upper
178 100
176 18.8 15.7 23.5
179 14.8 12.2 18.2





#75
Fluoranthene
Concen: 10.849 ng
RT: 12.580 min Scan# 11
Delta R.T. -0.023 min
Lab File: BF138643.D
Acq: 24 Jul 2024 16:43

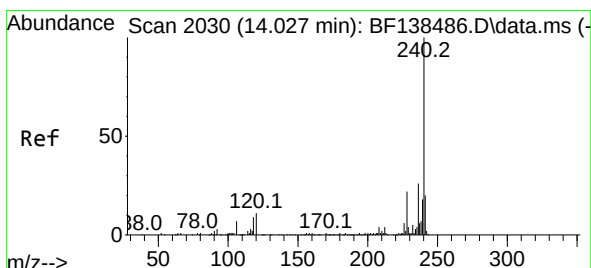
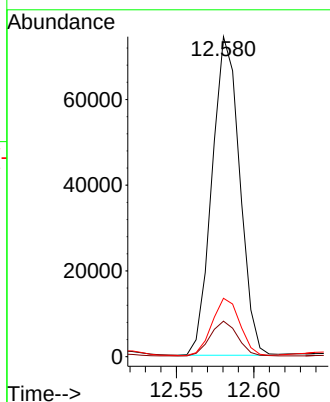
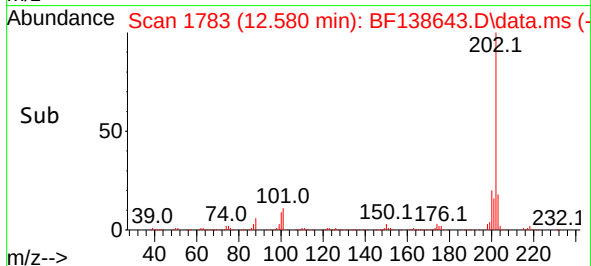
Instrument :
BNA_F
ClientSampleId :
GREEN-STREET-A



Tgt Ion:202 Resp: 92472
Ion Ratio Lower Upper
202 100
101 11.1 0.0 29.2
203 18.3 0.0 37.3

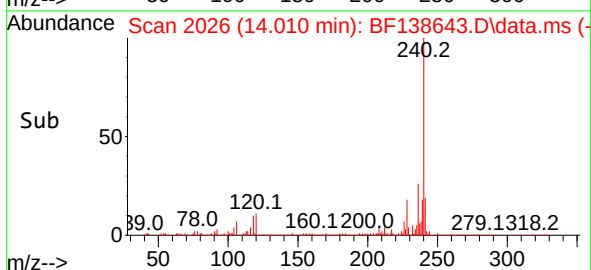
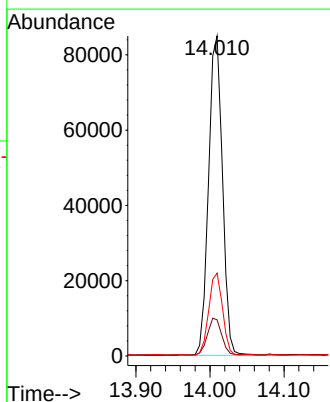
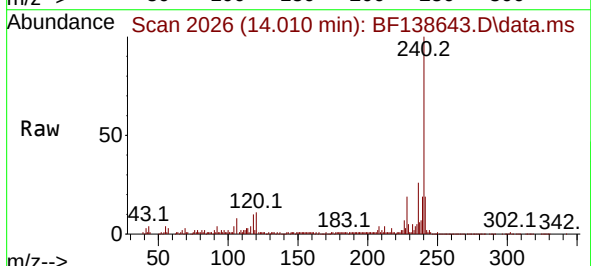
Manual Integrations
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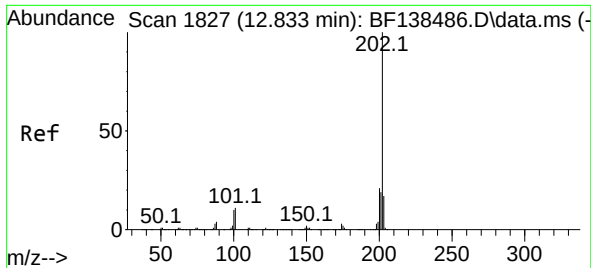
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/25/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2026
Delta R.T. -0.017 min
Lab File: BF138643.D
Acq: 24 Jul 2024 16:43

Tgt Ion:240 Resp: 110578
Ion Ratio Lower Upper
240 100
120 11.3 8.6 12.8
236 25.9 21.0 31.6





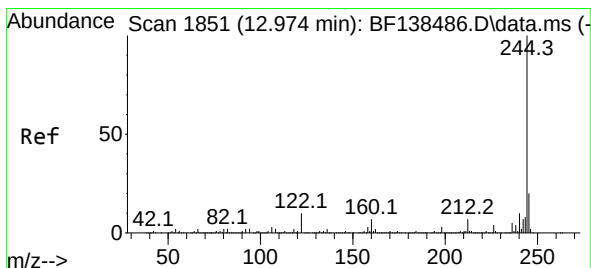
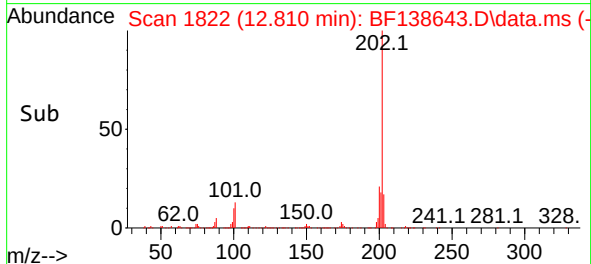
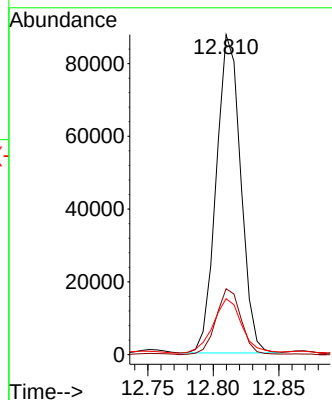
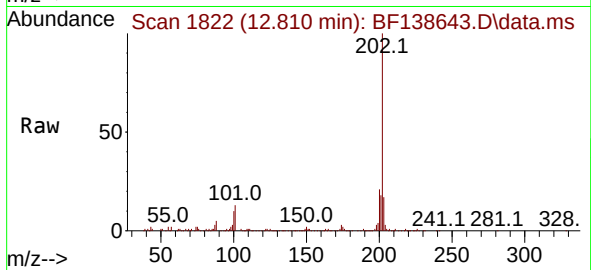
#78
Pyrene
Concen: 10.102 ng
RT: 12.810 min Scan# 1822
Delta R.T. -0.023 min
Lab File: BF138643.D
Acq: 24 Jul 2024 16:43

Instrument :
BNA_F
ClientSampleId :
GREEN-STREET-A

Tgt Ion:202 Resp: 11339
Ion Ratio Lower Upper
202 100
200 20.6 17.0 25.6
203 17.5 13.7 20.5

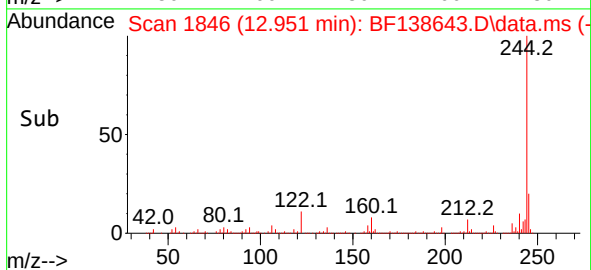
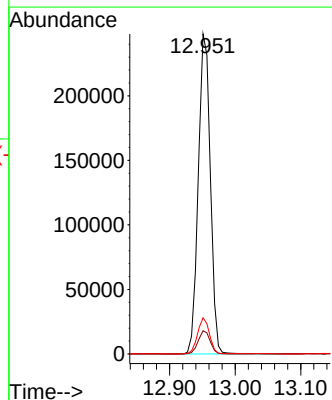
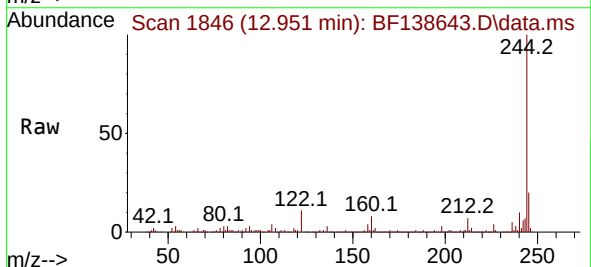
Manual Integrations
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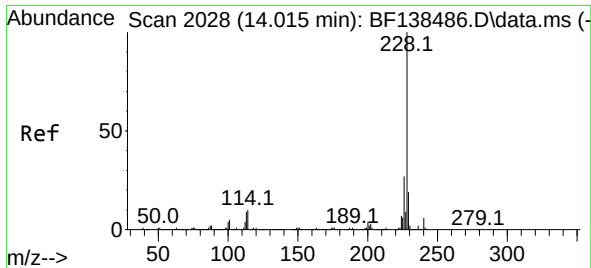
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/25/2024



#79
Terphenyl-d14
Concen: 46.909 ng
RT: 12.951 min Scan# 1846
Delta R.T. -0.023 min
Lab File: BF138643.D
Acq: 24 Jul 2024 16:43

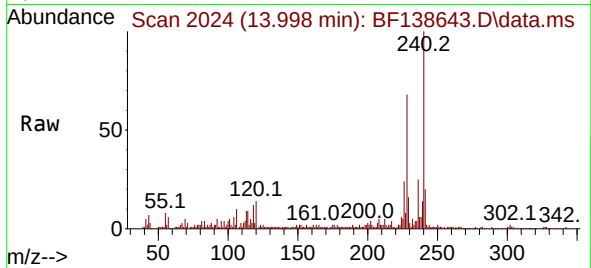
Tgt Ion:244 Resp: 318401
Ion Ratio Lower Upper
244 100
212 7.2 5.5 8.3
122 11.3 7.8 11.8





#81
Benzo(a)anthracene
Concen: 6.262 ng
RT: 13.998 min Scan# 2028
Delta R.T. -0.017 min
Lab File: BF138643.D
Acq: 24 Jul 2024 16:43

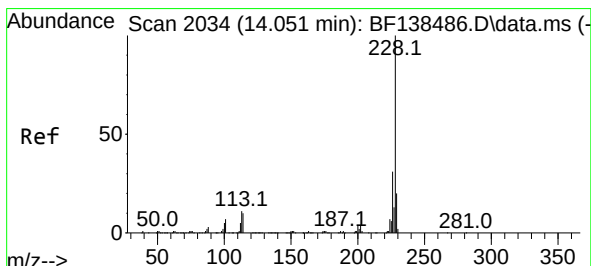
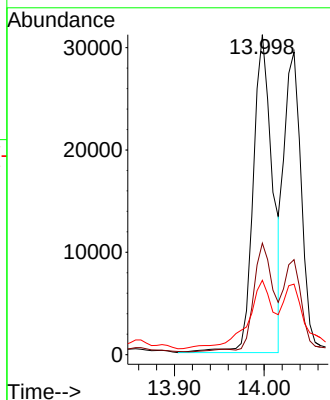
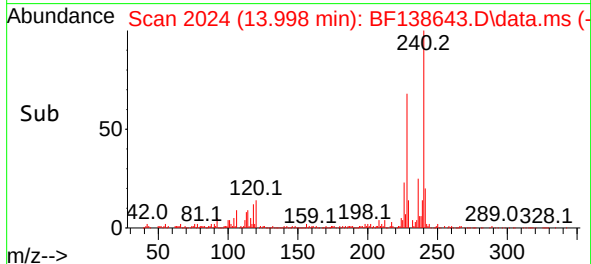
Instrument :
BNA_F
ClientSampleId :
GREEN-STREET-A



Tgt Ion:228 Resp: 46464
Ion Ratio Lower Upper
228 100
226 34.8 21.9 32.9
229 23.2 15.5 23.3

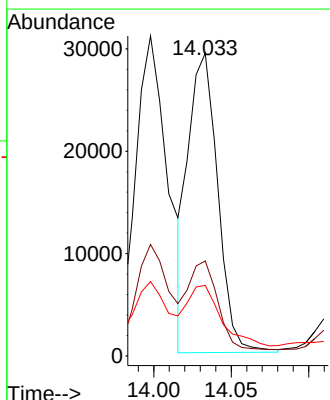
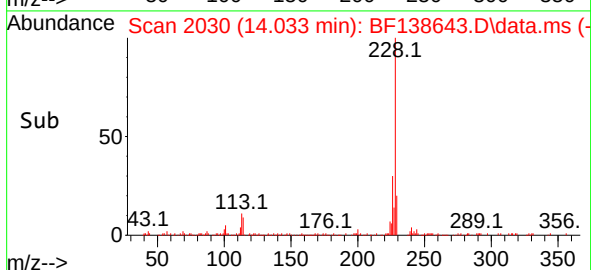
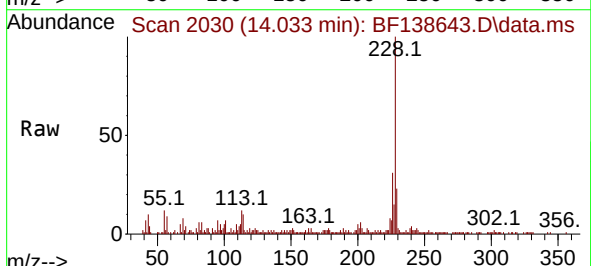
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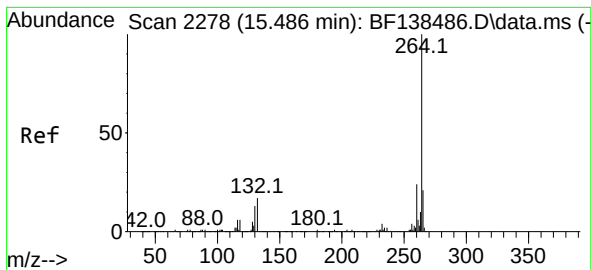
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/25/2024



#83
Chrysene
Concen: 5.525 ng
RT: 14.033 min Scan# 2030
Delta R.T. -0.017 min
Lab File: BF138643.D
Acq: 24 Jul 2024 16:43

Tgt Ion:228 Resp: 38780
Ion Ratio Lower Upper
228 100
226 31.4 24.4 36.6
229 23.3 16.0 24.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.468 min Scan# 21

Delta R.T. -0.017 min

Lab File: BF138643.D

Acq: 24 Jul 2024 16:43

Instrument :

BNA_F

ClientSampleId :

GREEN-STREET-A

Tgt Ion:264 Resp: 88624

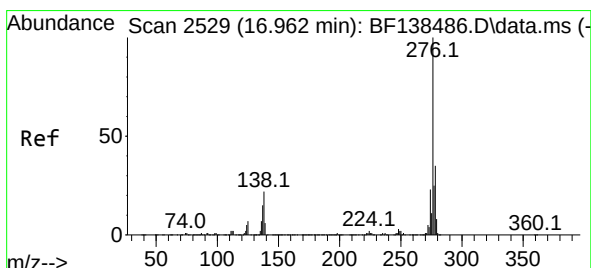
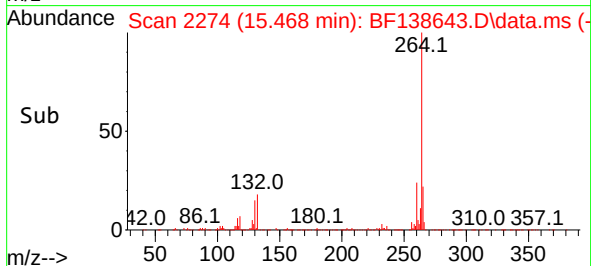
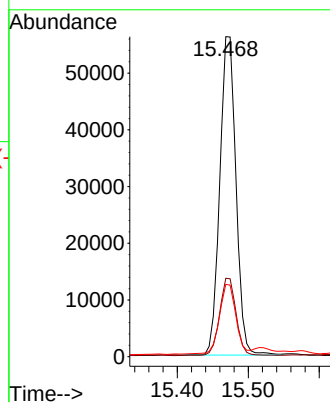
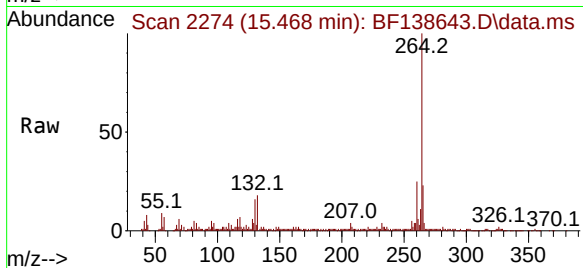
Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.0	28.6
265	22.6	17.0	25.4

Manual Integrations

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Reviewed By :Yogesh Patel 07/25/2024

Supervised By :mohammad ahmed 07/25/2024



#87

Indeno(1,2,3-cd)pyrene

Concen: 3.571 ng

RT: 16.933 min Scan# 2523

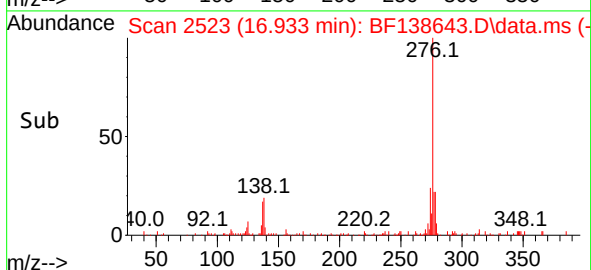
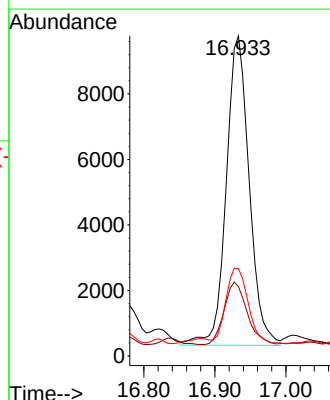
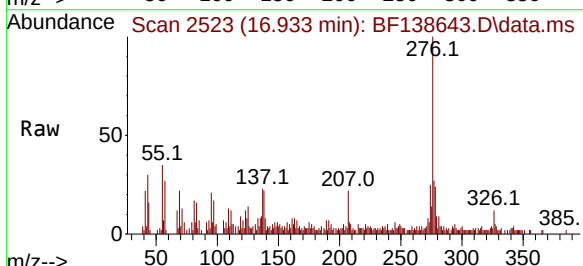
Delta R.T. -0.029 min

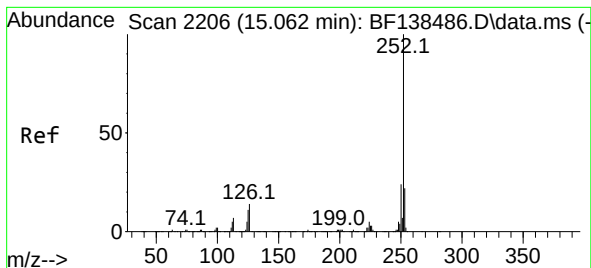
Lab File: BF138643.D

Acq: 24 Jul 2024 16:43

Tgt Ion:276 Resp: 21257

Ion	Ratio	Lower	Upper
276	100		
138	21.8	19.6	29.4
277	23.6	20.5	30.7





#88

Benzo(b)fluoranthene

Concen: 8.149 ng m

RT: 15.045 min Scan# 2205

Delta R.T. -0.017 min

Lab File: BF138643.D

Acq: 24 Jul 2024 16:43

Instrument :

BNA_F

ClientSampleId :

GREEN-STREET-A

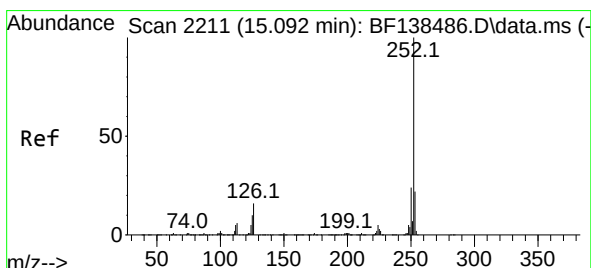
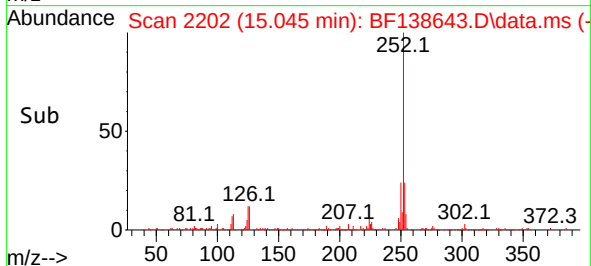
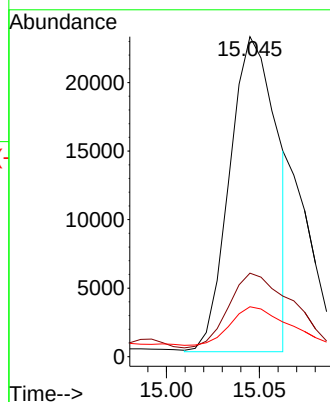
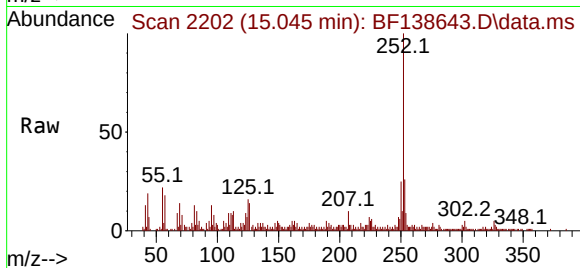
Tgt Ion:252 Resp: 40672
 Ion Ratio Lower Upper
 252 100
 253 26.1 17.3 25.9#
 125 15.6 8.6 13.0#

Manual Integrations

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Reviewed By :Yogesh Patel 07/25/2024

Supervised By :mohammad ahmed 07/25/2024



#89

Benzo(k)fluoranthene

Concen: 2.464 ng m

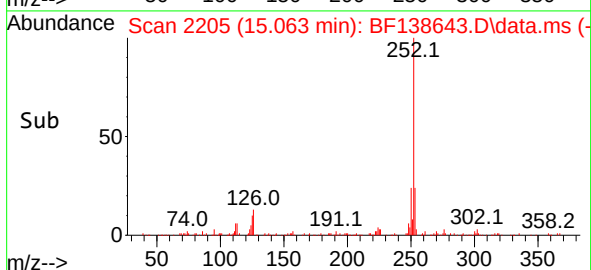
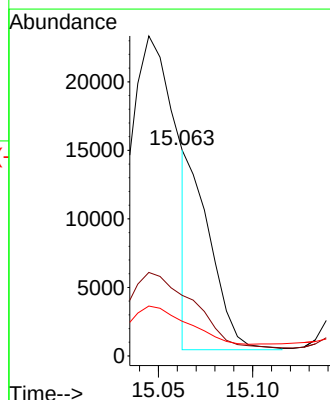
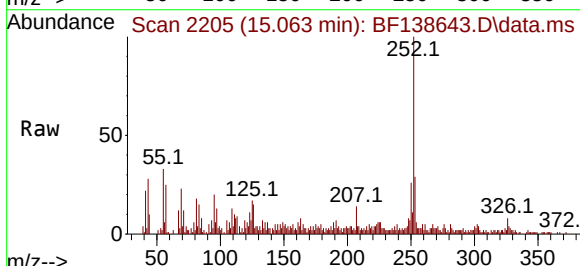
RT: 15.063 min Scan# 2205

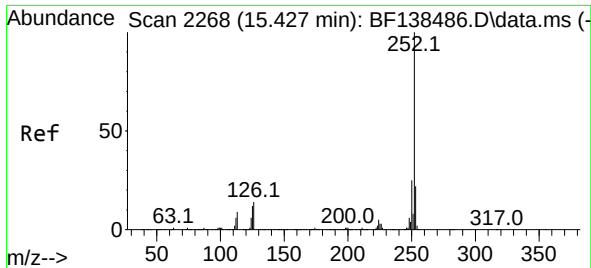
Delta R.T. -0.029 min

Lab File: BF138643.D

Acq: 24 Jul 2024 16:43

Tgt Ion:252 Resp: 11996
 Ion Ratio Lower Upper
 252 100
 253 29.5 17.7 26.5#
 125 16.9 8.1 12.1#





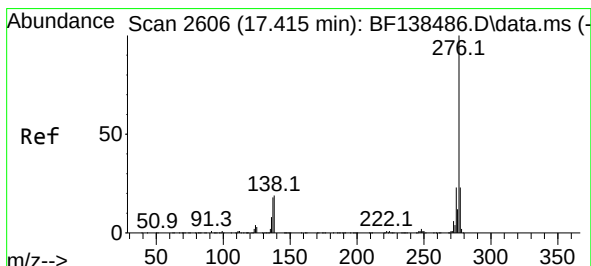
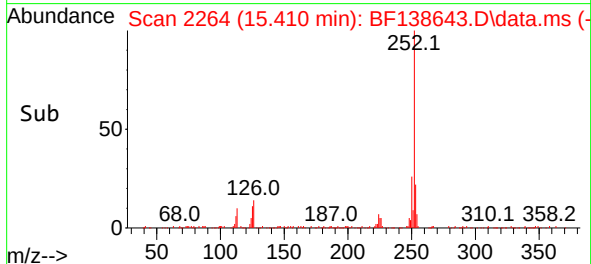
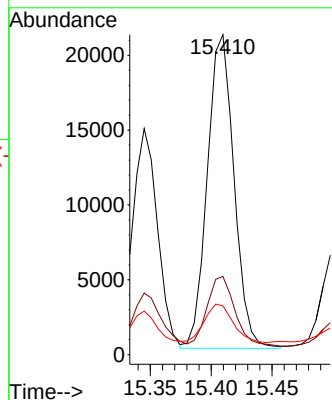
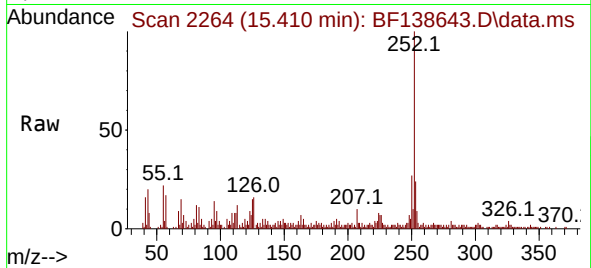
#90
Benzo(a)pyrene
Concen: 7.311 ng
RT: 15.410 min Scan# 21
Delta R.T. -0.017 min
Lab File: BF138643.D
Acq: 24 Jul 2024 16:43

Instrument :
BNA_F
ClientSampleId :
GREEN-STREET-A

Tgt Ion:252 Resp: 3205
Ion Ratio Lower Upper
252 100
253 24.4 17.4 26.0
125 15.3 9.4 14.2

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



#92
Benzo(g,h,i)perylene
Concen: 4.608 ng
RT: 17.374 min Scan# 2598
Delta R.T. -0.041 min
Lab File: BF138643.D
Acq: 24 Jul 2024 16:43

Tgt Ion:276 Resp: 23796
Ion Ratio Lower Upper
276 100
277 28.2 18.0 27.0#
138 22.0 15.5 23.3

