

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081424\
 Data File : BF139007.D
 Acq On : 14 Aug 2024 21:47
 Operator : RC/JU
 Sample : P3475-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-866-N-SO-1.0-1.5-080524

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 08/15/2024
 Supervised By :mohammad ahmed 08/16/2024

Quant Time: Aug 15 01:14:15 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 17:50:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	30152	20.000	ng	-0.01
21) Naphthalene-d8	8.116	136	98470	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	45260	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	90263	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	59157	20.000	ng	0.00
86) Perylene-d12	15.463	264	44596	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	227779	116.613	ng	0.00
7) Phenol-d6	6.481	99	283780	108.210	ng	0.00
23) Nitrobenzene-d5	7.398	82	174059	86.422	ng	-0.01
42) 2,4,6-Tribromophenol	10.657	330	49491	133.492	ng	-0.01
45) 2-Fluorobiphenyl	9.186	172	221959	73.684	ng	-0.02
79) Terphenyl-d14	12.933	244	289167	81.840	ng	-0.01
Target Compounds						Qvalue
75) Fluoranthene	12.569	202	23630	5.446	ng	97
78) Pyrene	12.798	202	20203	3.627	ng	98
83) Chrysene	14.021	228	8307	2.260	ng	94
88) Benzo(b)fluoranthene	15.039	252	9202m	3.329	ng	
90) Benzo(a)pyrene	15.404	252	5795	2.492	ng	95

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

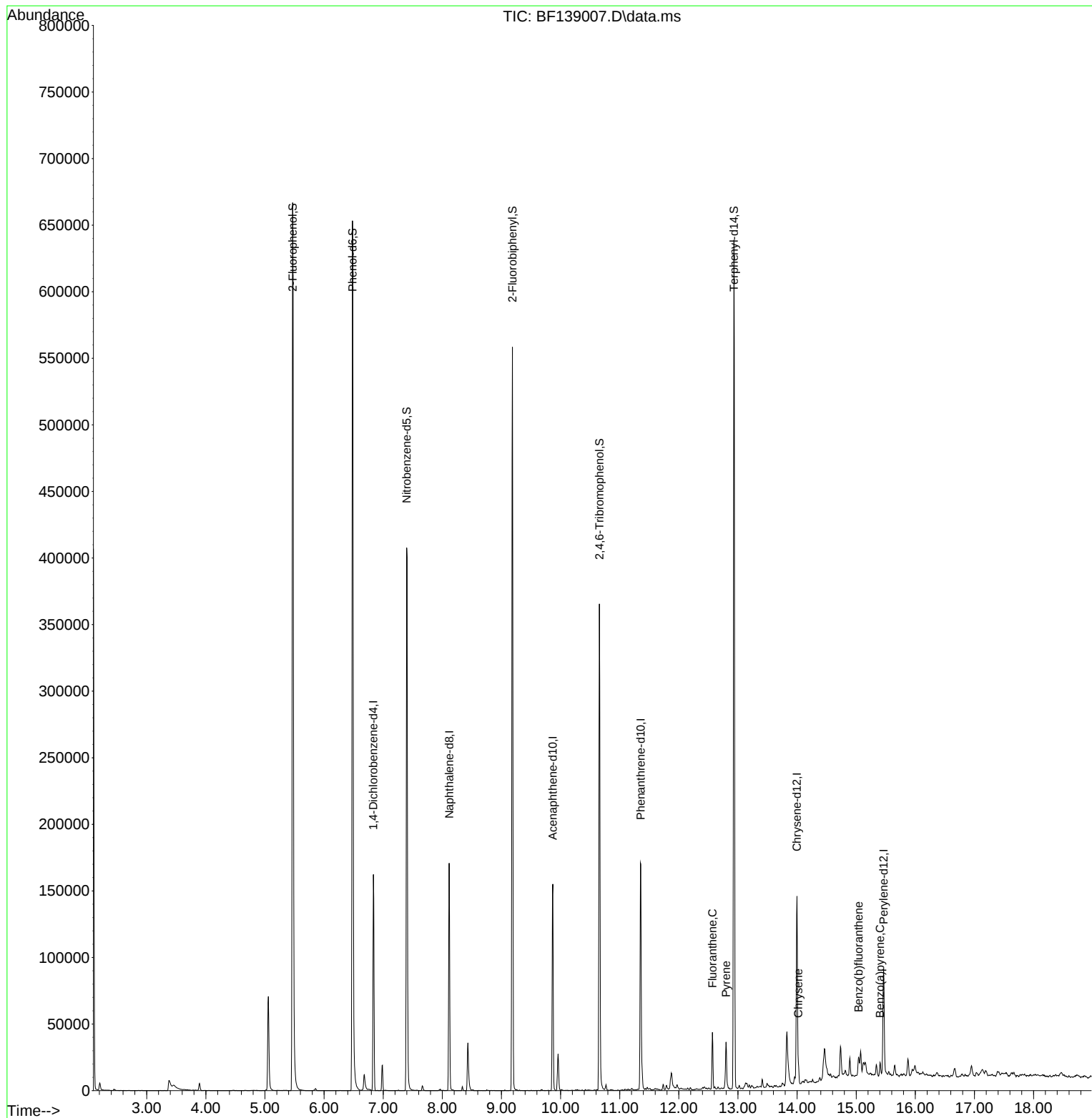
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081424\
Data File : BF139007.D
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Instrument :
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S-866-N-SO-1.0-1.5-080524

Quant Time: Aug 15 01:14:15 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 17:50:01 2024
Response via : Initial Calibration

Manual Integrations
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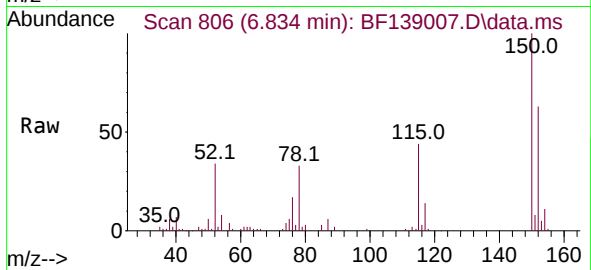
Reviewed By :Jagrut Upadhyay 08/15/2024
Supervised By :mohammad ahmed 08/16/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 808
Delta R.T. -0.011 min
Lab File: BF139007.D
Acq: 14 Aug 2024 21:47

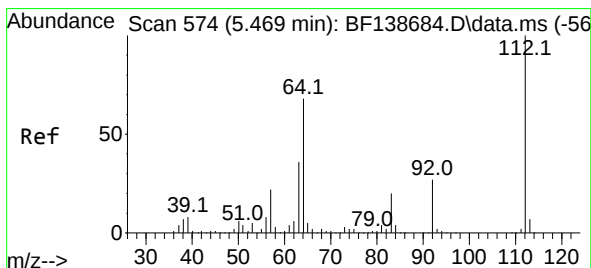
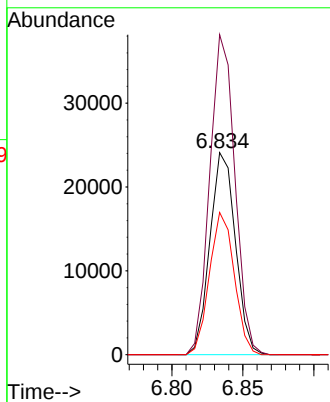
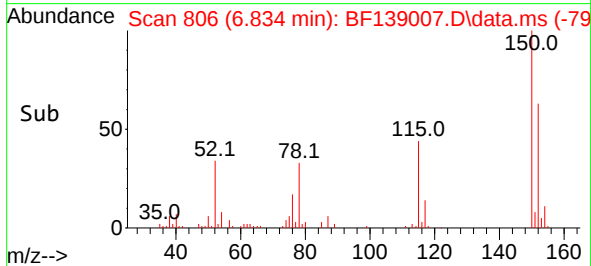
Instrument :
BNA_F
ClientSampleId :
S-866-N-SO-1.0-1.5-080524



Tgt Ion:152 Resp: 30152
Ion Ratio Lower Upper
152 100
150 158.3 126.0 189.0
115 70.4 51.7 77.5

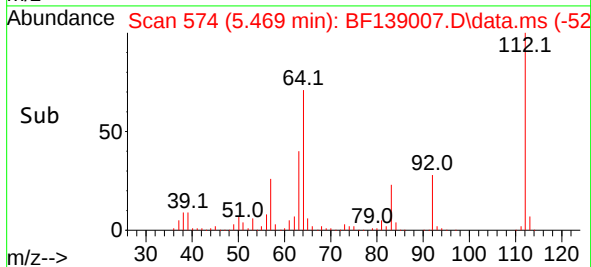
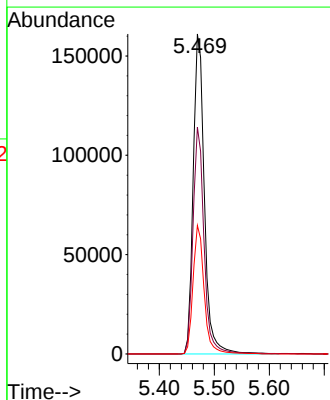
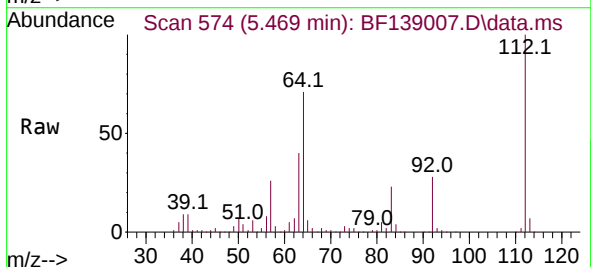
Manual Integrations
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Supervised By :mohammad ahmed 08/16/2024



#5
2-Fluorophenol
Concen: 116.613 ng
RT: 5.469 min Scan# 574
Delta R.T. 0.000 min
Lab File: BF139007.D
Acq: 14 Aug 2024 21:47

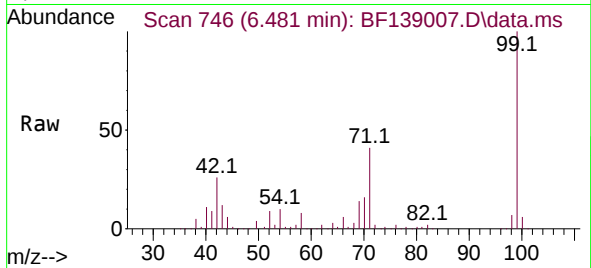
Tgt Ion:112 Resp: 227779
Ion Ratio Lower Upper
112 100
64 70.9 54.2 81.4
63 40.2 28.7 43.1





#7
Phenol-d6
Concen: 108.210 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF139007.D
Acq: 14 Aug 2024 21:47

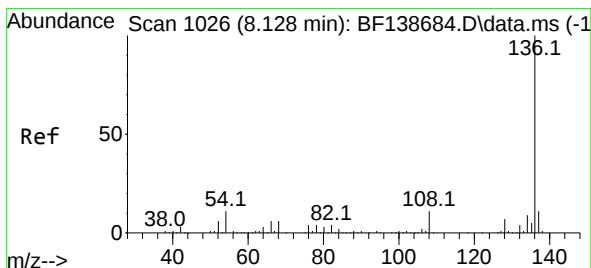
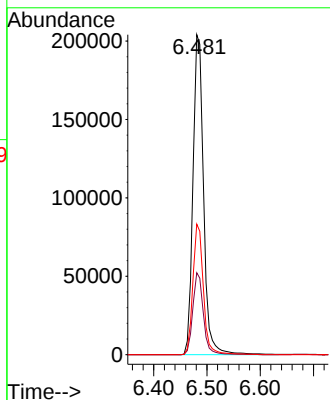
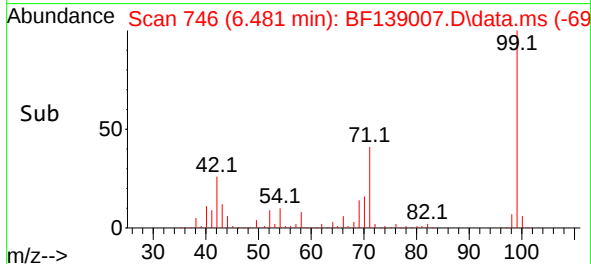
Instrument :
BNA_F
ClientSampleId :
S-866-N-SO-1.0-1.5-080524



Tgt Ion: 99 Resp: 283780
Ion Ratio Lower Upper
99 100
42 25.6 17.4 26.0
71 40.8 28.1 42.1

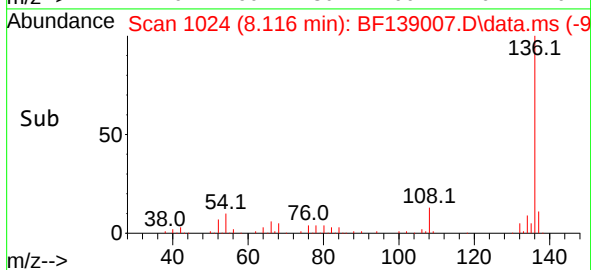
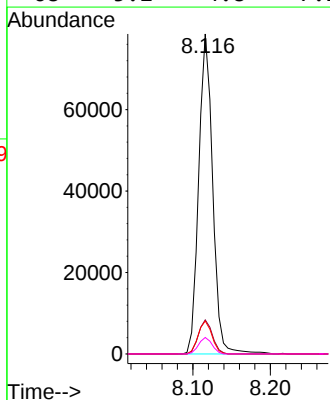
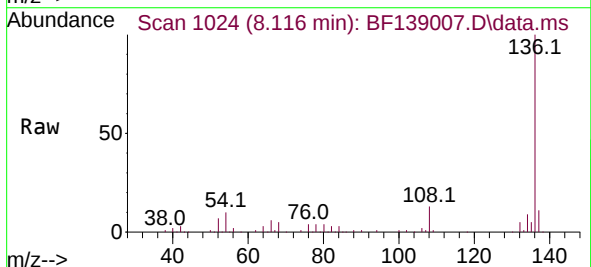
Manual Integrations
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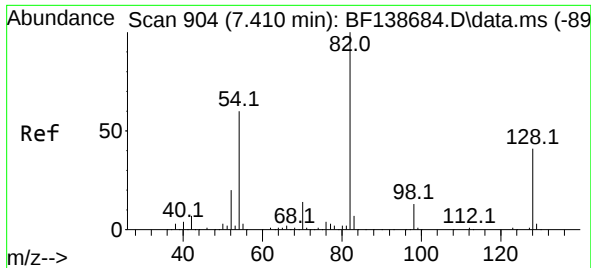
Reviewed By :Jagrut Upadhyay 08/15/2024
Supervised By :mohammad ahmed 08/16/2024



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1024
Delta R.T. -0.012 min
Lab File: BF139007.D
Acq: 14 Aug 2024 21:47

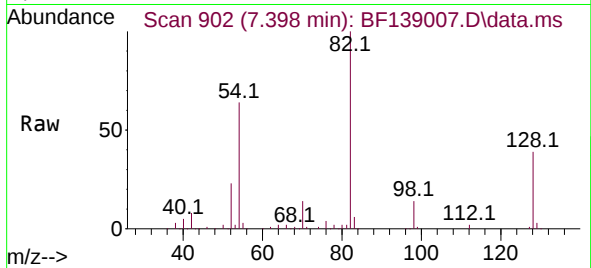
Tgt Ion:136 Resp: 98470
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 10.3 8.6 12.8
68 5.2 4.8 7.2





#23
Nitrobenzene-d5
Concen: 86.422 ng
RT: 7.398 min Scan# 904
Delta R.T. -0.012 min
Lab File: BF139007.D
Acq: 14 Aug 2024 21:47

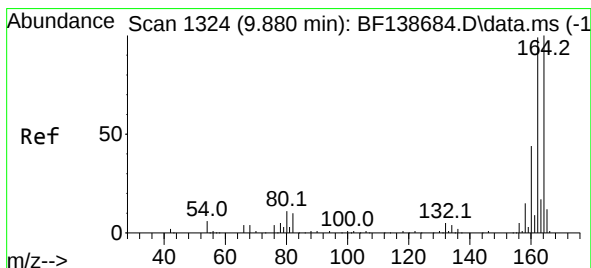
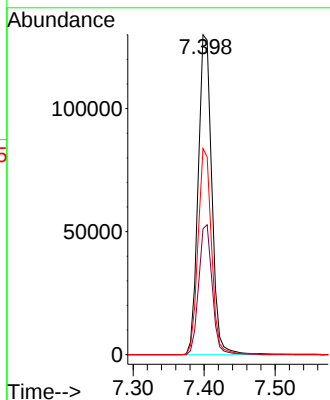
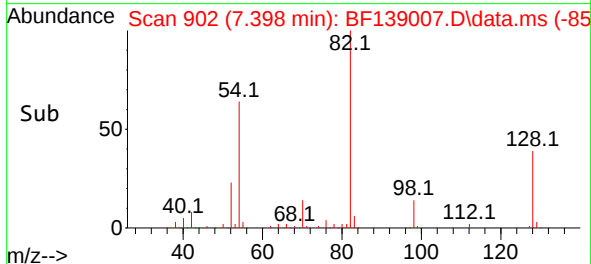
Instrument :
BNA_F
ClientSampleId :
S-866-N-SO-1.0-1.5-080524



Tgt Ion: 82 Resp: 174059
Ion Ratio Lower Upper
82 100
128 39.3 32.8 49.2
54 64.5 48.3 72.5

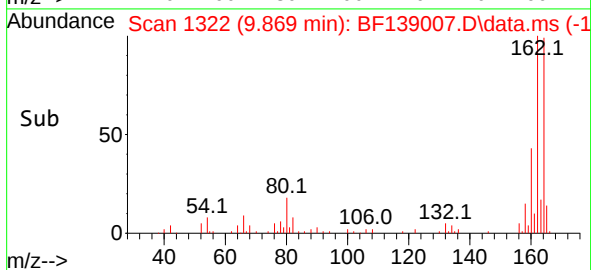
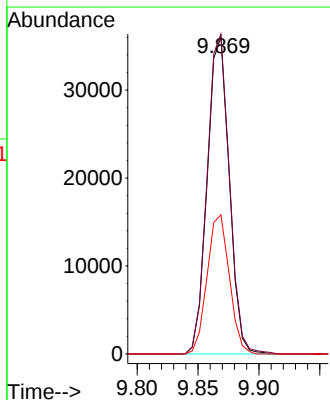
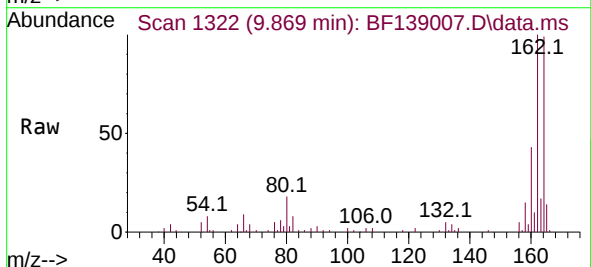
Manual Integrations
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Supervised By :mohammad ahmed 08/16/2024



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.011 min
Lab File: BF139007.D
Acq: 14 Aug 2024 21:47

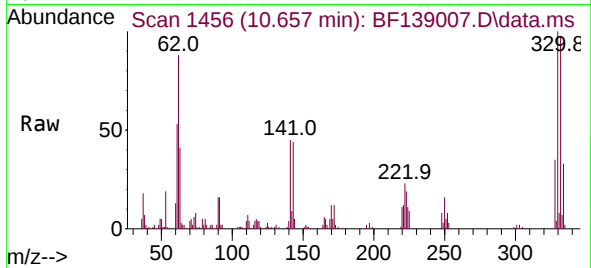
Tgt Ion:164 Resp: 45260
Ion Ratio Lower Upper
164 100
162 101.0 79.4 119.0
160 43.9 35.1 52.7





#42
2,4,6-Tribromophenol
Concen: 133.492 ng
RT: 10.657 min Scan# 1458
Delta R.T. -0.012 min
Lab File: BF139007.D
Acq: 14 Aug 2024 21:47

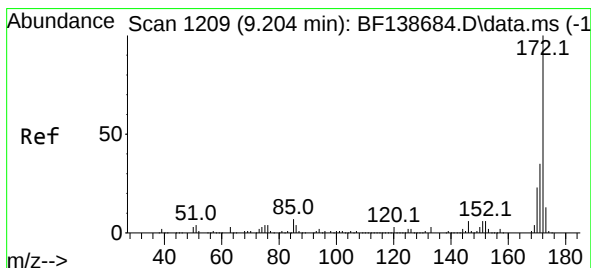
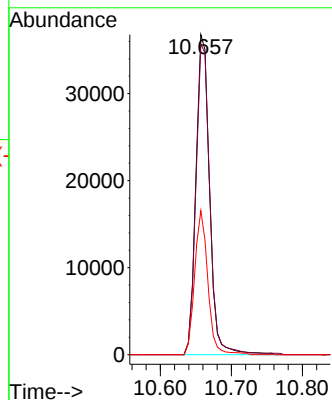
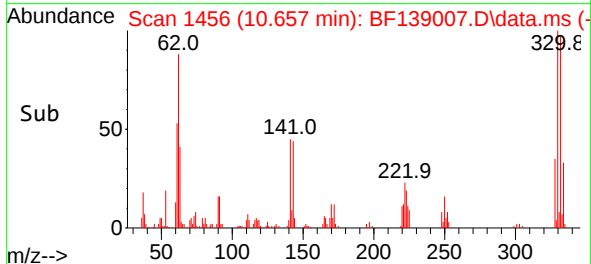
Instrument :
BNA_F
ClientSampleId :
S-866-N-SO-1.0-1.5-080524



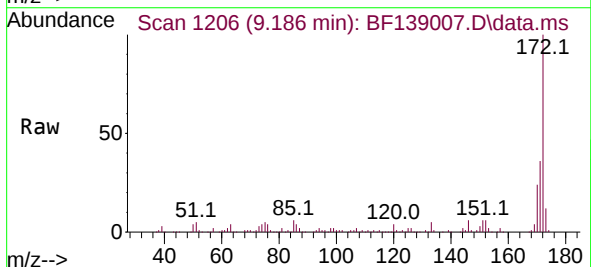
Tgt Ion:330 Resp: 4949
Ion Ratio Lower Upper
330 100
332 98.7 76.4 114.6
141 43.2 31.1 46.7

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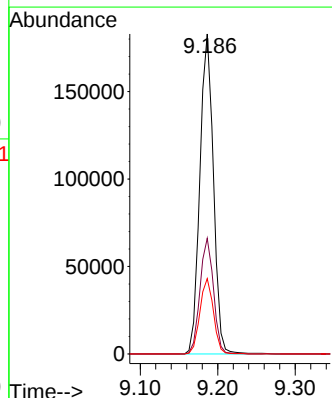
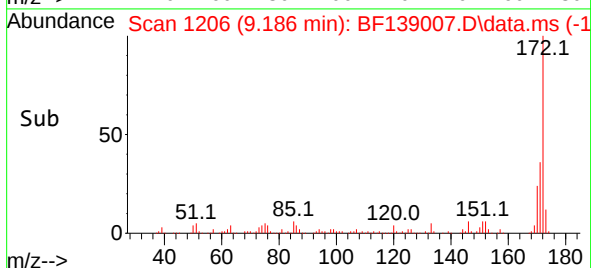
Reviewed By :Jagrut Upadhyay 08/15/2024
Supervised By :mohammad ahmed 08/16/2024



#45
2-Fluorobiphenyl
Concen: 73.684 ng
RT: 9.186 min Scan# 1206
Delta R.T. -0.018 min
Lab File: BF139007.D
Acq: 14 Aug 2024 21:47



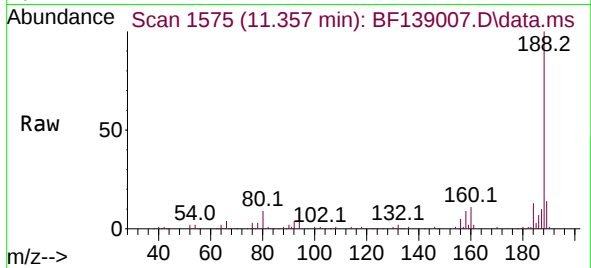
Tgt Ion:172 Resp: 221959
Ion Ratio Lower Upper
172 100
171 36.1 28.3 42.5
170 23.6 18.8 28.2





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 11357
Delta R.T. -0.012 min
Lab File: BF139007.D
Acq: 14 Aug 2024 21:47

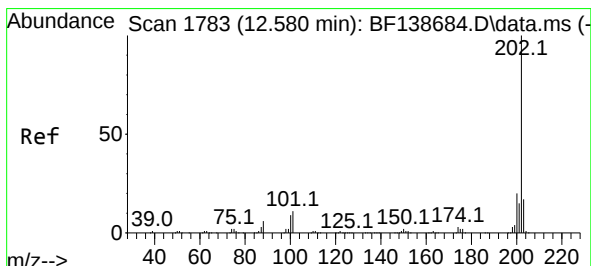
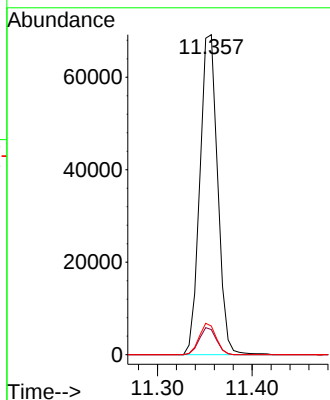
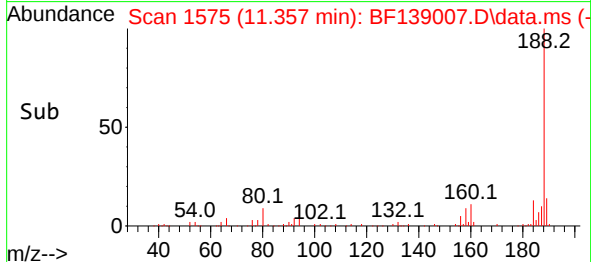
Instrument :
BNA_F
ClientSampleId :
S-866-N-SO-1.0-1.5-080524



Tgt Ion:188 Resp: 9026
Ion Ratio Lower Upper
188 100
94 7.9 7.6 11.4
80 8.9 8.6 12.8

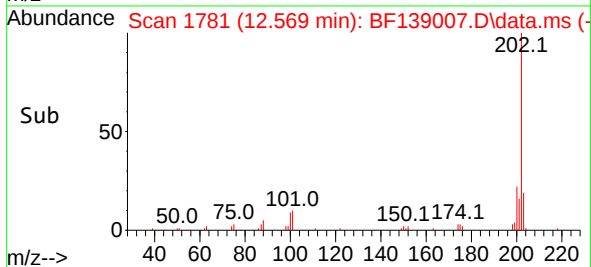
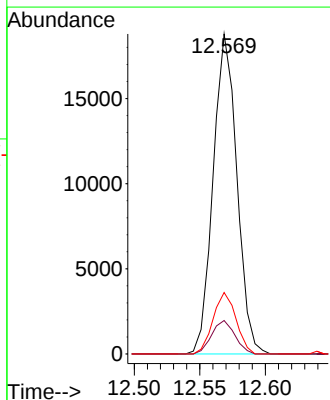
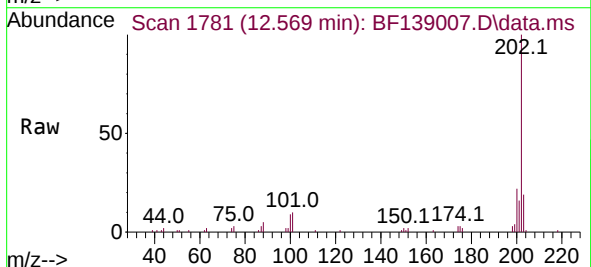
Manual Integrations
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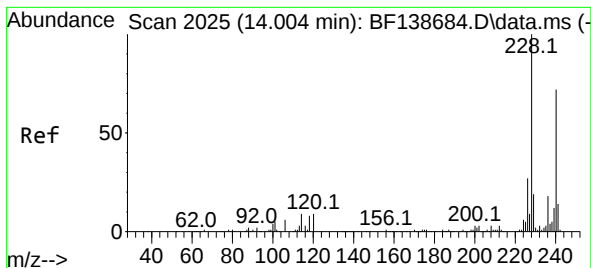
Reviewed By :Jagrut Upadhyay 08/15/2024
Supervised By :mohammad ahmed 08/16/2024



#75
Fluoranthene
Concen: 5.446 ng
RT: 12.569 min Scan# 1781
Delta R.T. -0.012 min
Lab File: BF139007.D
Acq: 14 Aug 2024 21:47

Tgt Ion:202 Resp: 23630
Ion Ratio Lower Upper
202 100
101 10.5 0.0 31.2
203 19.2 0.0 37.3





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.998 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF139007.D

Acq: 14 Aug 2024 21:47

Instrument :

BNA_F

ClientSampleId :

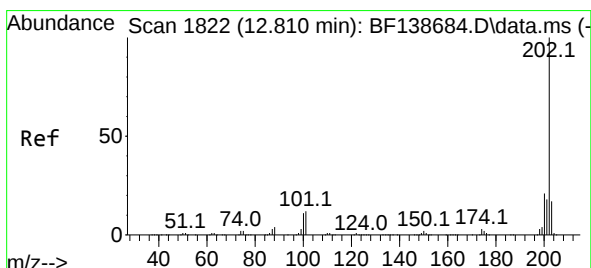
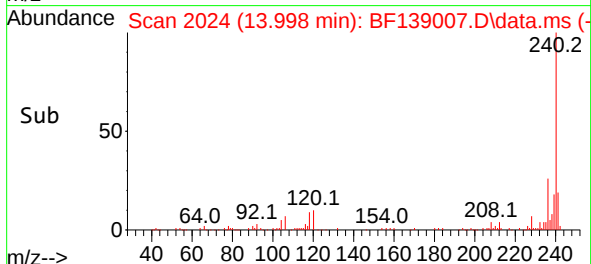
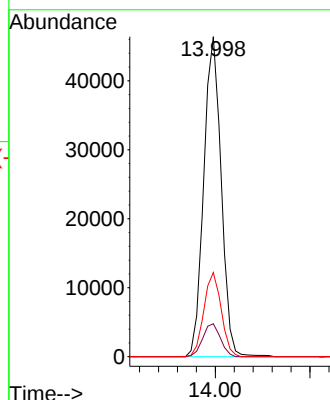
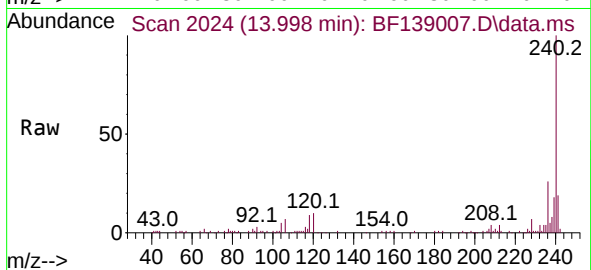
S-866-N-SO-1.0-1.5-080524

Tgt Ion:240	Resp:	5915
Ion Ratio	Lower	Upper
240	100	
120	10.3	10.2 15.4
236	26.3	19.8 29.8

Manual Integrations

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#78

Pyrene

Concen: 3.627 ng

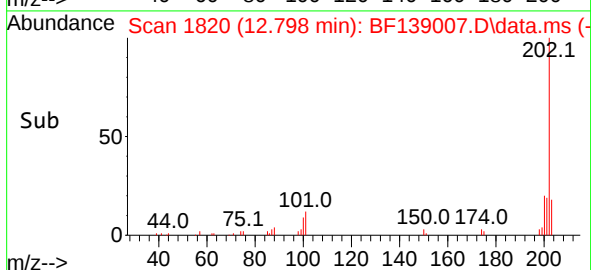
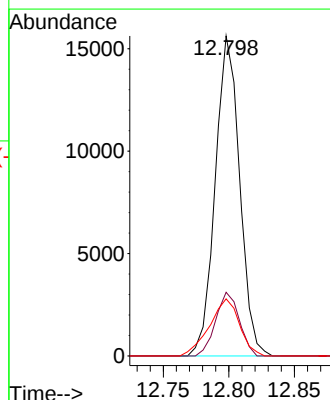
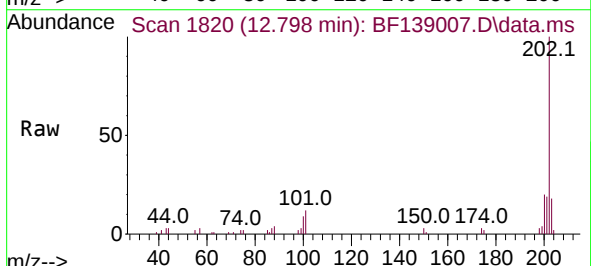
RT: 12.798 min Scan# 1820

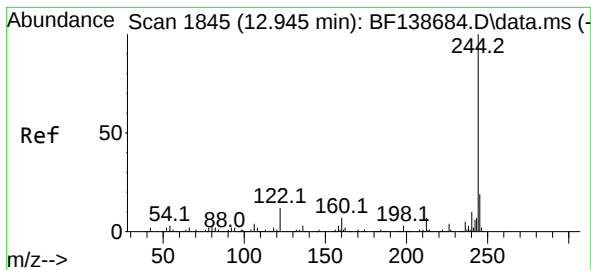
Delta R.T. -0.012 min

Lab File: BF139007.D

Acq: 14 Aug 2024 21:47

Tgt Ion:202	Resp:	20203
Ion Ratio	Lower	Upper
202	100	
200	19.9	16.8 25.2
203	17.9	13.8 20.6





#79

Terphenyl-d14

Concen: 81.840 ng

RT: 12.933 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF139007.D

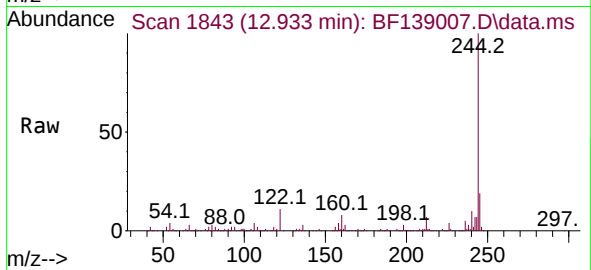
Acq: 14 Aug 2024 21:47

Instrument :

BNA_F

ClientSampleId :

S-866-N-SO-1.0-1.5-080524



Tgt Ion:244 Resp: 28916

Ion Ratio Lower Upper

244 100

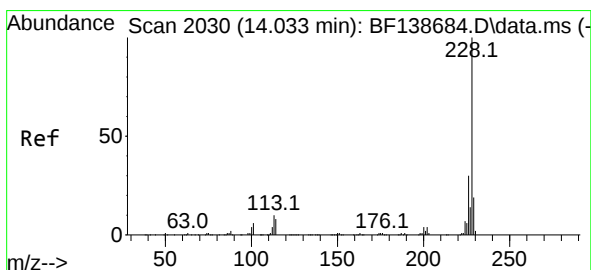
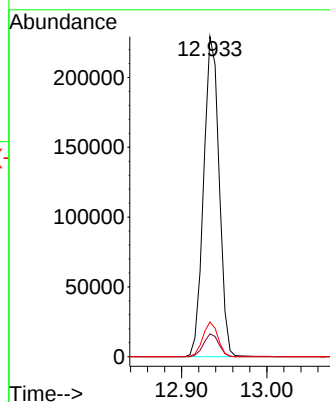
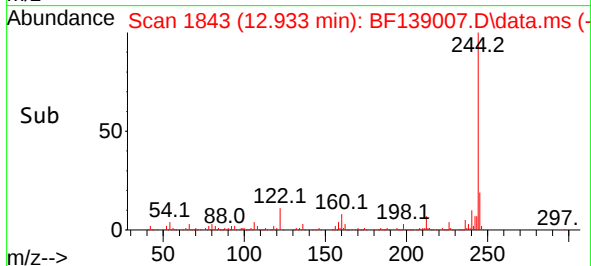
212 7.2 5.4 8.2

122 10.9 9.6 14.4

Manual Integrations

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Reviewed By :Jagrut Upadhyay 08/15/2024
Supervised By :mohammad ahmed 08/16/2024



#83

Chrysene

Concen: 2.260 ng

RT: 14.021 min Scan# 2028

Delta R.T. -0.012 min

Lab File: BF139007.D

Acq: 14 Aug 2024 21:47

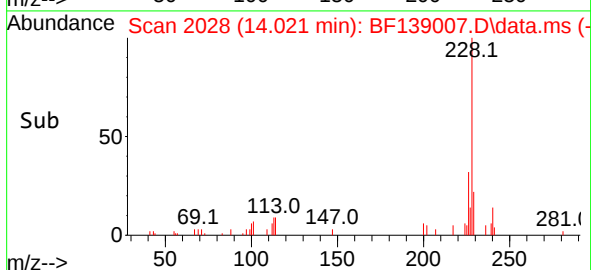
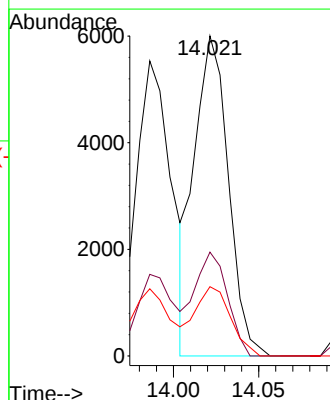
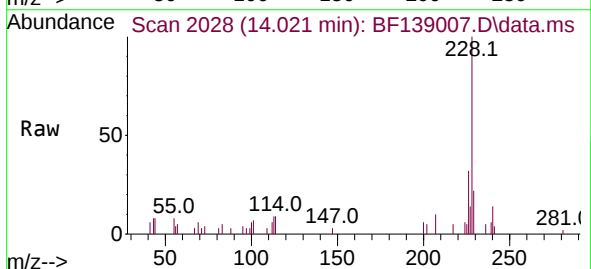
Tgt Ion:228 Resp: 8307

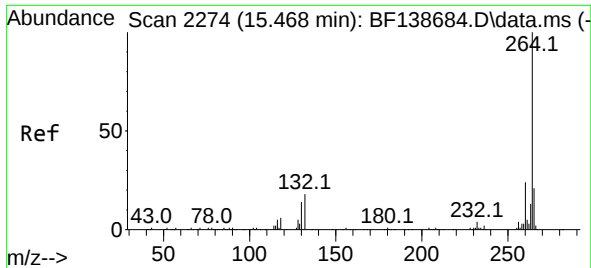
Ion Ratio Lower Upper

228 100

226 32.5 23.7 35.5

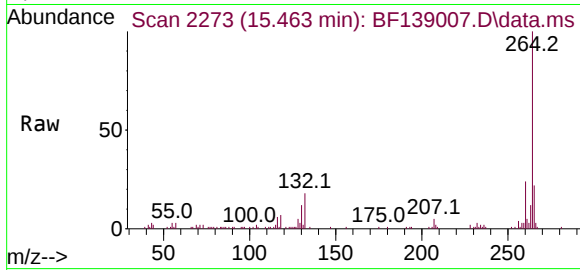
229 21.7 15.0 22.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.463 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF139007.D
 Acq: 14 Aug 2024 21:47

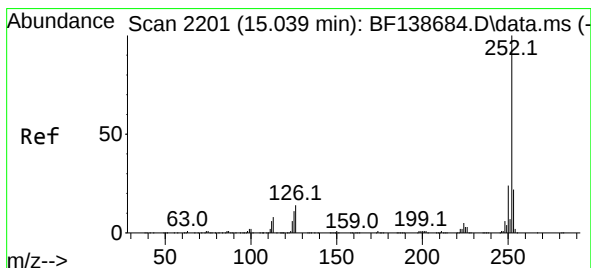
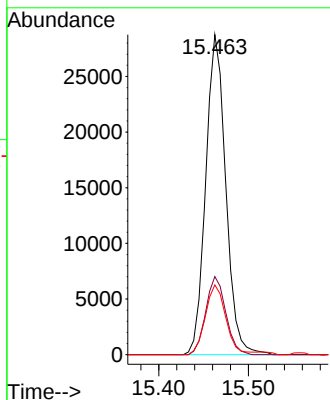
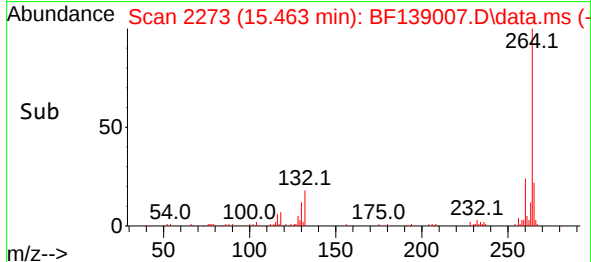
Instrument :
 BNA_F
 ClientSampleId :
 S-866-N-SO-1.0-1.5-080524



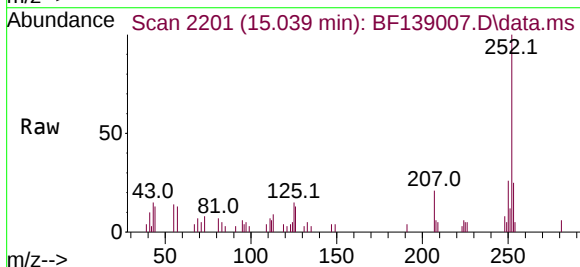
Tgt Ion:264 Resp: 44590
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.0 28.6
 265 21.8 17.0 25.6

Manual Integrations
 APPROVED

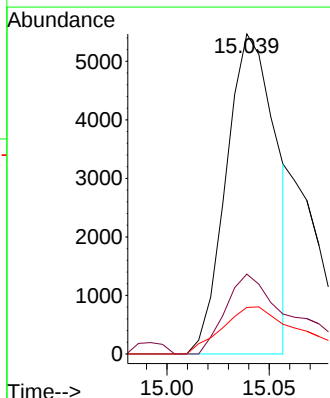
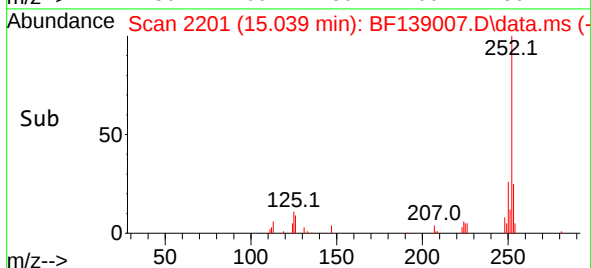
Reviewed By :Jagrut Upadhyay 08/15/2024
 Supervised By :mohammad ahmed 08/16/2024

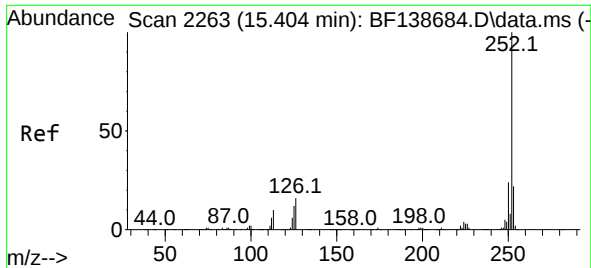


#88
 Benzo(b)fluoranthene
 Concen: 3.329 ng m
 RT: 15.039 min Scan# 2201
 Delta R.T. 0.000 min
 Lab File: BF139007.D
 Acq: 14 Aug 2024 21:47



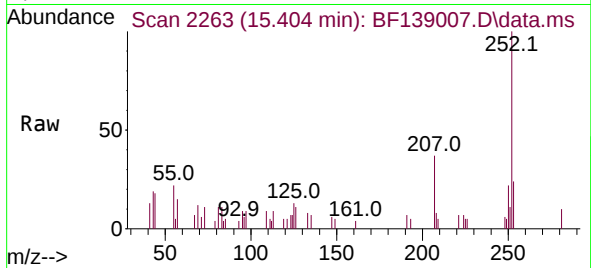
Tgt Ion:252 Resp: 9202
 Ion Ratio Lower Upper
 252 100
 253 25.0 17.5 26.3
 125 14.5 8.9 13.3#





#90
Benzo(a)pyrene
Concen: 2.492 ng
RT: 15.404 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF139007.D
Acq: 14 Aug 2024 21:47

Instrument :
BNA_F
ClientSampleId :
S-866-N-SO-1.0-1.5-080524



Tgt Ion:	252	Resp:	579
Ion Ratio	Lower	Upper	
252	100		
253	24.4	17.3	25.9
125	13.4	9.5	14.3

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 08/15/2024
Supervised By :mohammad ahmed 08/16/2024

