

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010824\
 Data File : BF137008.D
 Acq On : 08 Jan 2024 22:08
 Operator : CG\JU
 Sample : P1054-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-06-01052024

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/09/2024
 Supervised By :mohammad ahmed 01/09/2024

Quant Time: Jan 09 00:44:44 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	64756	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	225220	20.000	ng	0.00
39) Acenaphthene-d10	9.816	164	94437	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	153745	20.000	ng	0.00
76) Chrysene-d12	13.968	240	119234	20.000	ng	0.00
86) Perylene-d12	15.457	264	94964	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	278203	67.033	ng	0.00
7) Phenol-d6	6.434	99	339215	63.078	ng	0.00
23) Nitrobenzene-d5	7.345	82	198855	45.181	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	64903	58.355	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	346016	49.280	ng	-0.01
79) Terphenyl-d14	12.910	244	289065	33.880	ng	0.00
Target Compounds						
71) Phenanthrene	11.333	178	17379	2.203	ng	Qvalue # 93
75) Fluoranthene	12.539	202	31297	3.709	ng	98
78) Pyrene	12.768	202	36141	3.088	ng	95
83) Chrysene	13.998	228	17227	2.128	ng	# 94
88) Benzo(b)fluoranthene	15.021	252	15106m	2.382	ng	

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

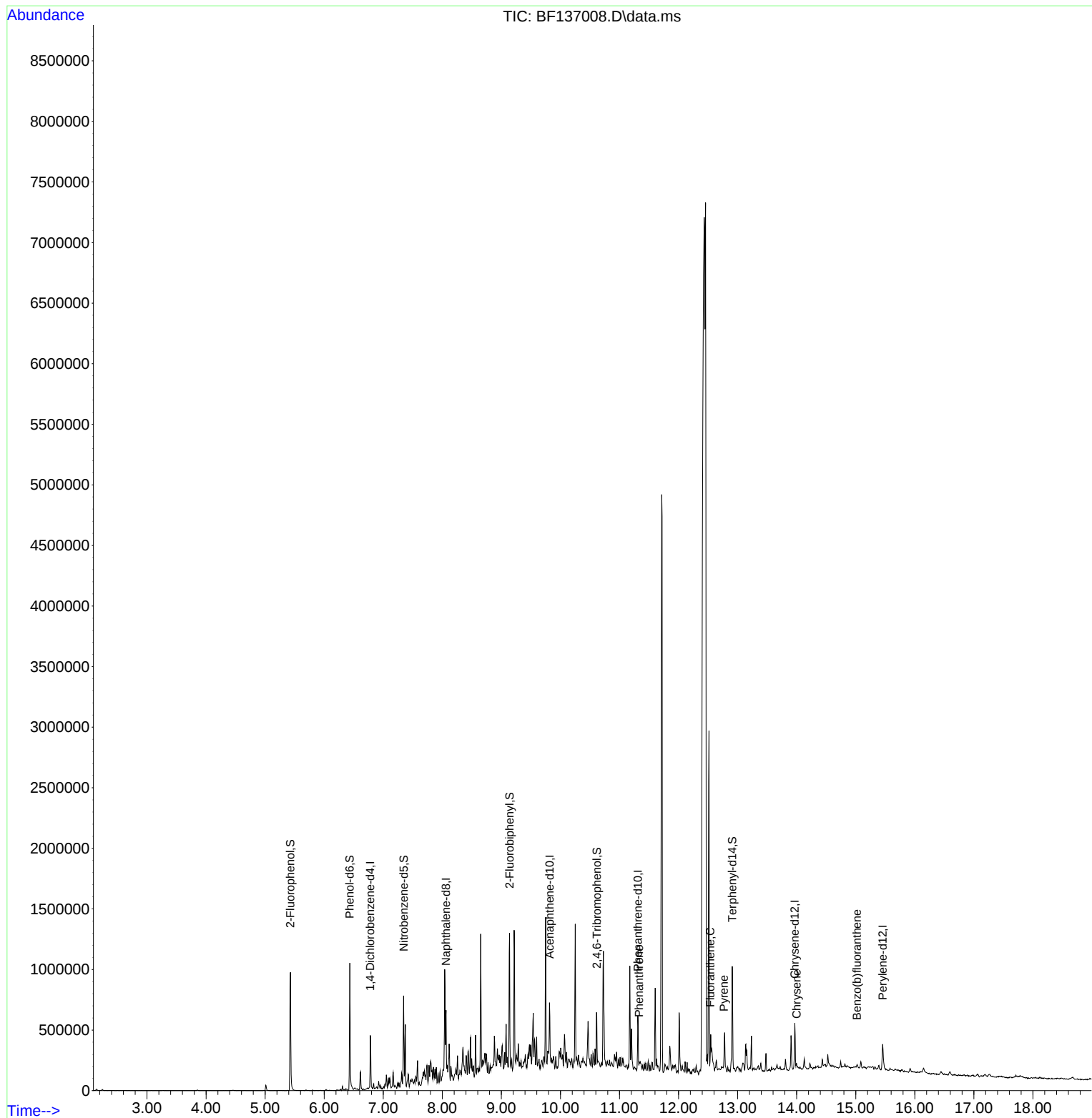
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010824\
Data File : BF137008.D
Acq On : 08 Jan 2024 22:08
Operator : CG\JU
Sample : P1054-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

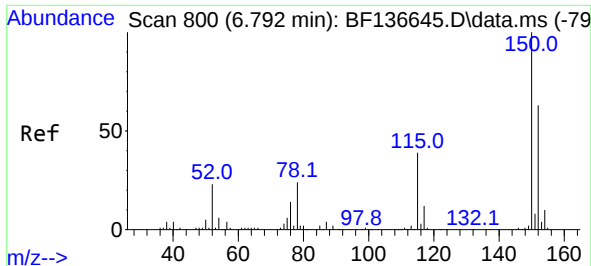
Instrument :
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TR-06-01052024

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Quant Time: Jan 09 00:44:44 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 21 01:54:25 2023
Response via : Initial Calibration





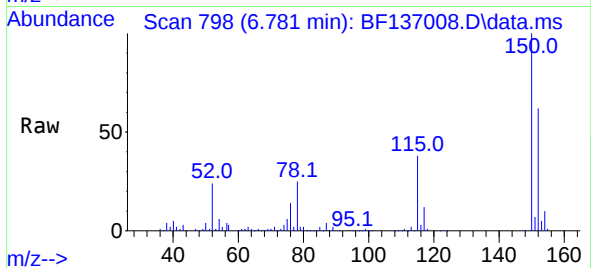
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF137008.D
Acq: 08 Jan 2024 22:08

Instrument :

BNA_F

ClientSampleId :

TR-06-01052024



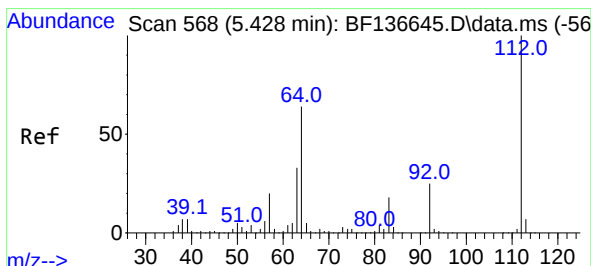
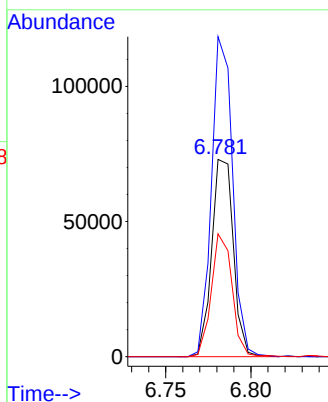
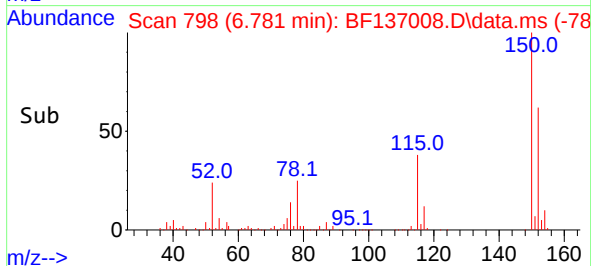
Tgt Ion:152 Resp: 64750
Ion Ratio Lower Upper
152 100
150 162.2 127.0 190.6
115 62.3 49.0 73.4

Manual Integrations

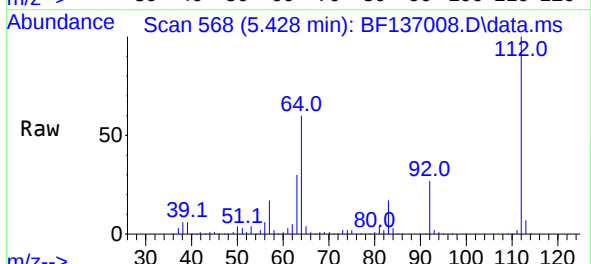
APPROVED

Reviewed By :Yogesh Patel 01/09/2024

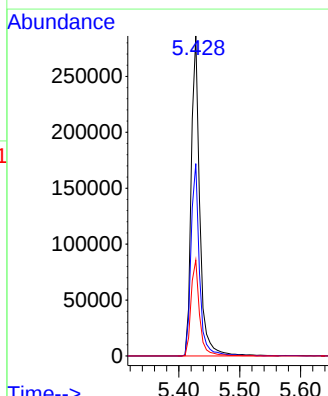
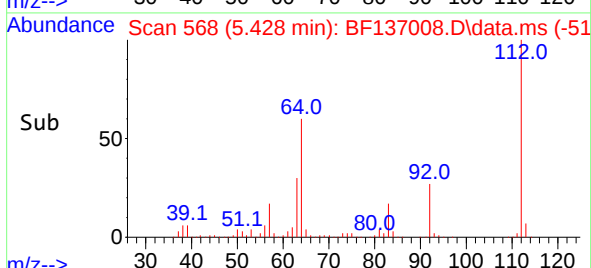
Supervised By :mohammad ahmed 01/09/2024

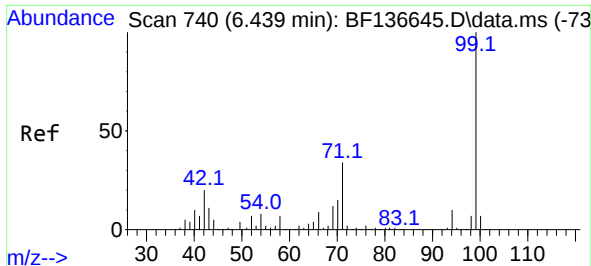


#5
2-Fluorophenol
Concen: 67.033 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.000 min
Lab File: BF137008.D
Acq: 08 Jan 2024 22:08



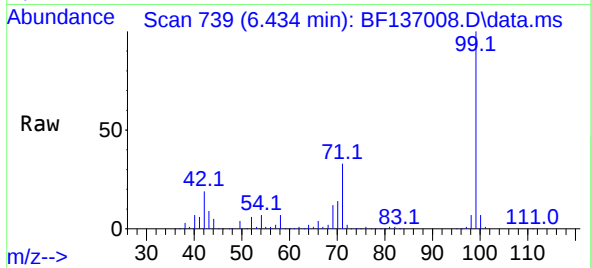
Tgt Ion:112 Resp: 278203
Ion Ratio Lower Upper
112 100
64 60.1 51.1 76.7
63 29.9 26.1 39.1





#7
Phenol-d6
Concen: 63.078 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137008.D
Acq: 08 Jan 2024 22:08

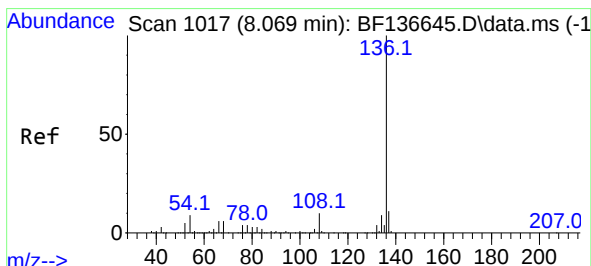
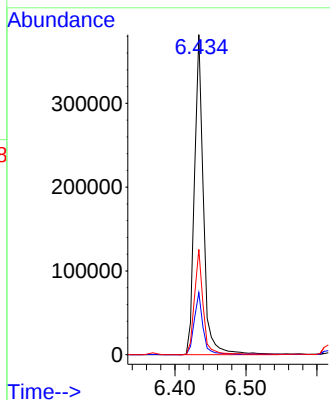
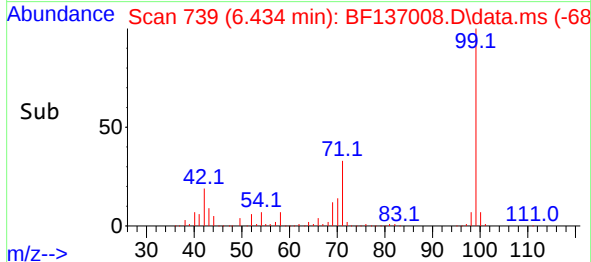
Instrument :
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ClientSampleId :
TR-06-01052024



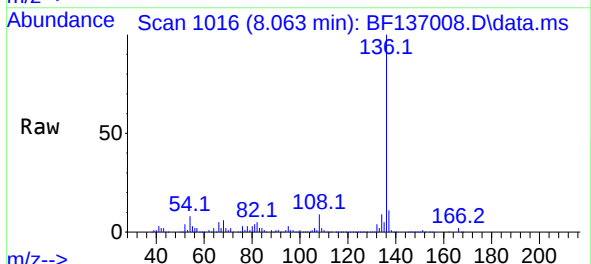
Tgt Ion: 99 Resp: 339215
Ion Ratio Lower Upper
99 100
42 19.4 16.1 24.1
71 32.9 27.4 41.2

Manual Integrations
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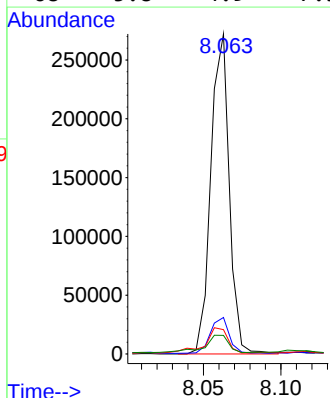
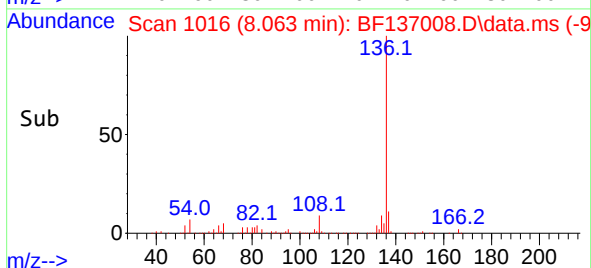
Reviewed By :Yogesh Patel 01/09/2024
Supervised By :mohammad ahmed 01/09/2024

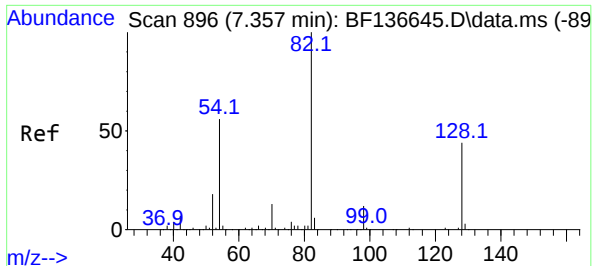


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF137008.D
Acq: 08 Jan 2024 22:08



Tgt Ion:136 Resp: 225220
Ion Ratio Lower Upper
136 100
137 11.4 9.0 13.4
54 7.6 7.2 10.8
68 5.8 4.9 7.3





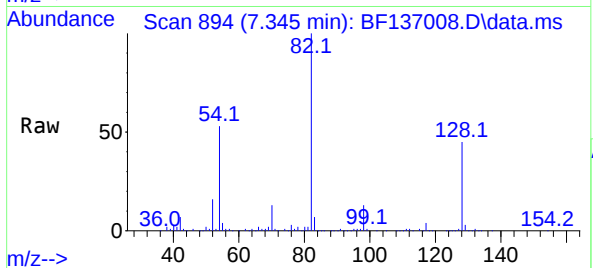
#23
Nitrobenzene-d5
Concen: 45.181 ng
RT: 7.345 min Scan# 89
Delta R.T. -0.012 min
Lab File: BF137008.D
Acq: 08 Jan 2024 22:08

Instrument :

BNA_F

ClientSampleId :

TR-06-01052024

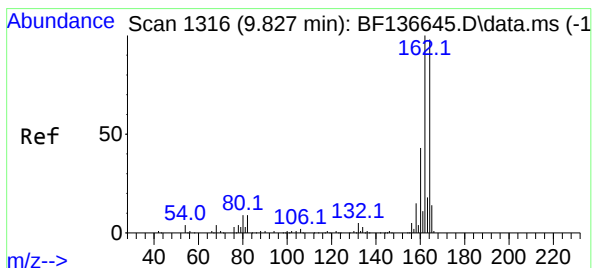
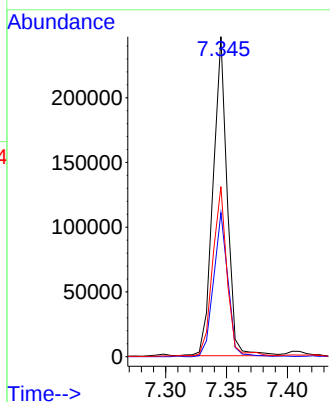
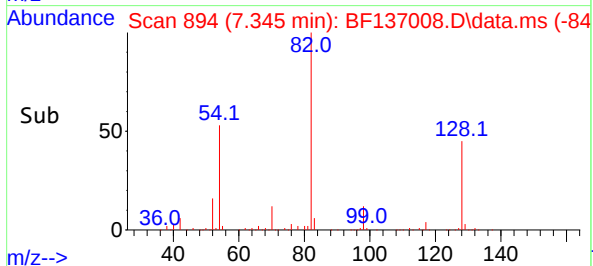


Tgt Ion: 82 Resp: 19885
Ion Ratio Lower Upper
82 100
128 45.0 35.3 52.9
54 53.2 44.5 66.7

Manual Integrations

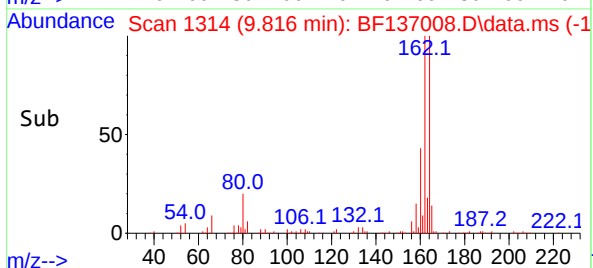
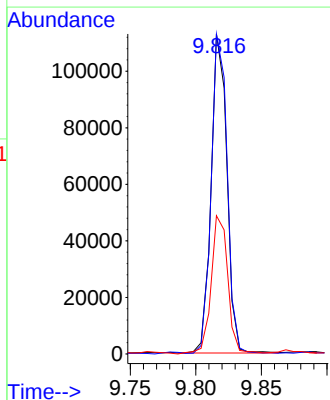
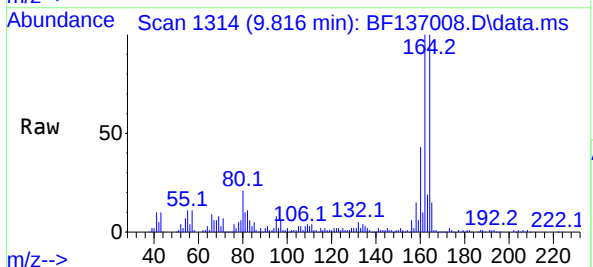
APPROVED

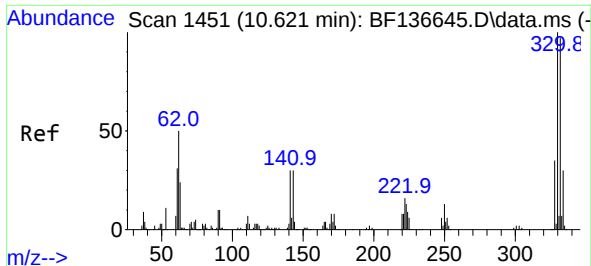
Reviewed By :Yogesh Patel 01/09/2024
Supervised By :mohammad ahmed 01/09/2024



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF137008.D
Acq: 08 Jan 2024 22:08

Tgt Ion:164 Resp: 94437
Ion Ratio Lower Upper
164 100
162 100.0 81.6 122.4
160 43.2 34.9 52.3





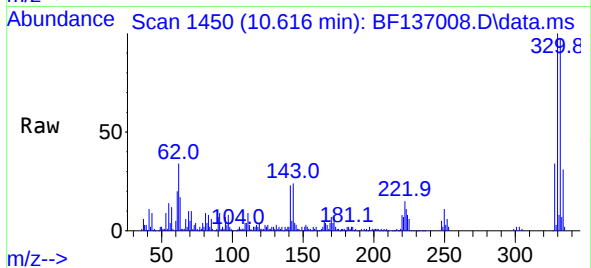
#42
2,4,6-Tribromophenol
Concen: 58.355 ng
RT: 10.616 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF137008.D
Acq: 08 Jan 2024 22:08

Instrument :

BNA_F

ClientSampleId :

TR-06-01052024



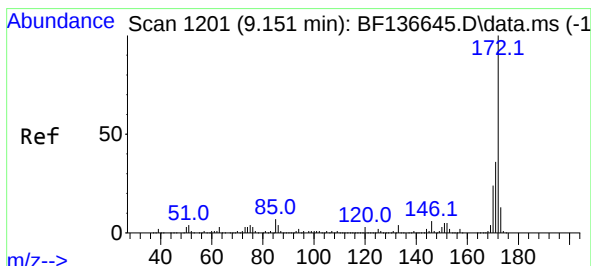
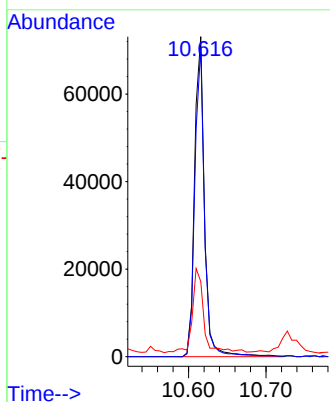
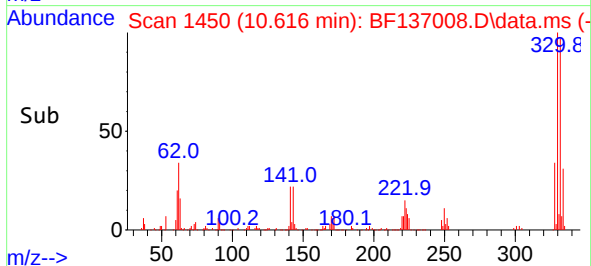
Tgt Ion:330 Resp: 6490
Ion Ratio Lower Upper
330 100
332 93.9 77.4 116.0
141 30.2 23.4 35.2

Manual Integrations

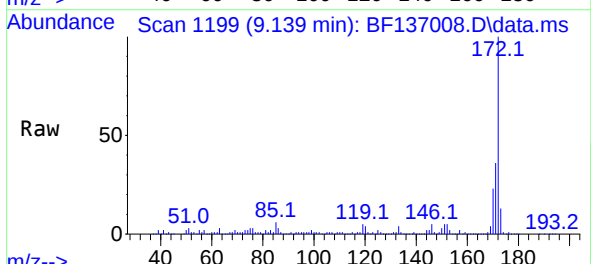
APPROVED

Reviewed By :Yogesh Patel 01/09/2024

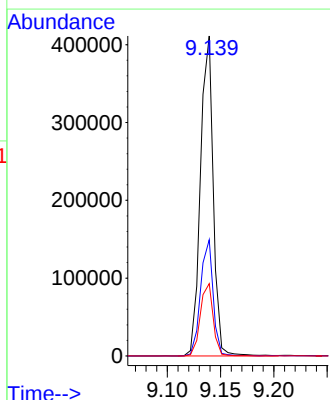
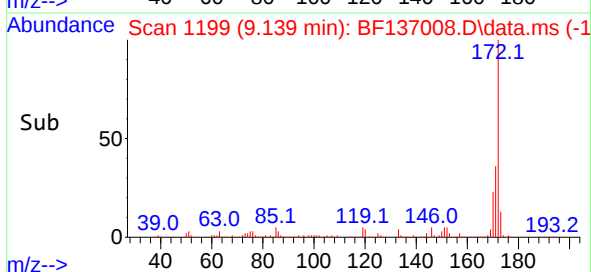
Supervised By :mohammad ahmed 01/09/2024

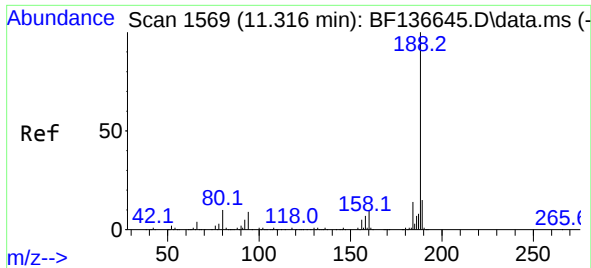


#45
2-Fluorobiphenyl
Concen: 49.280 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BF137008.D
Acq: 08 Jan 2024 22:08



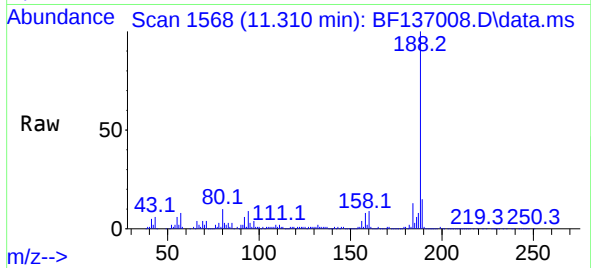
Tgt Ion:172 Resp: 346016
Ion Ratio Lower Upper
172 100
171 36.3 29.0 43.6
170 22.6 19.0 28.4





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF137008.D
Acq: 08 Jan 2024 22:08

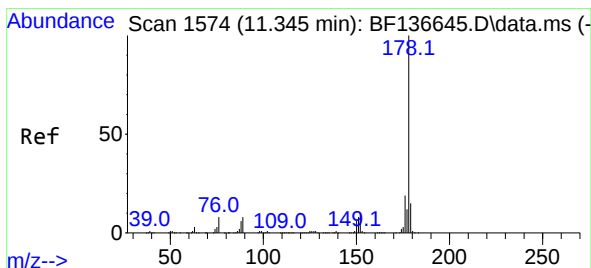
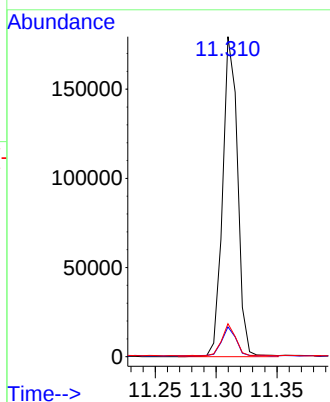
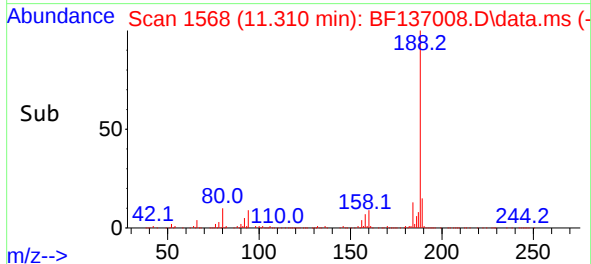
Instrument :
BNA_F
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TR-06-01052024



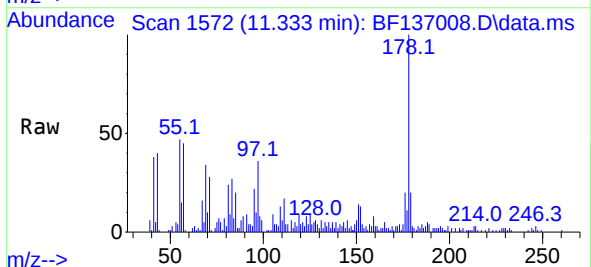
Tgt Ion:188 Resp: 153749
Ion Ratio Lower Upper
188 100
94 9.3 7.5 11.3
80 10.3 8.1 12.1

Manual Integrations
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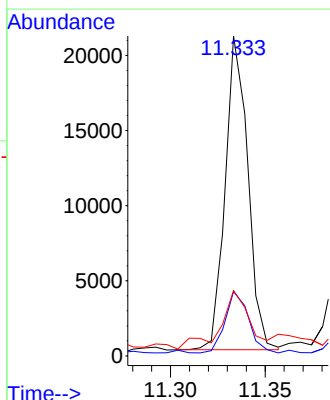
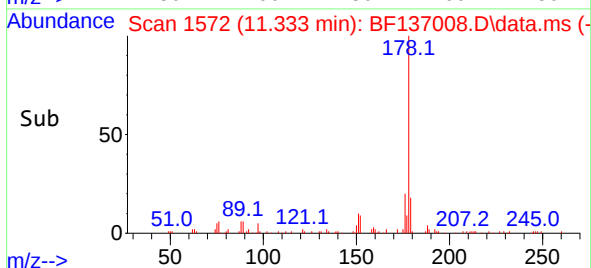
Reviewed By :Yogesh Patel 01/09/2024
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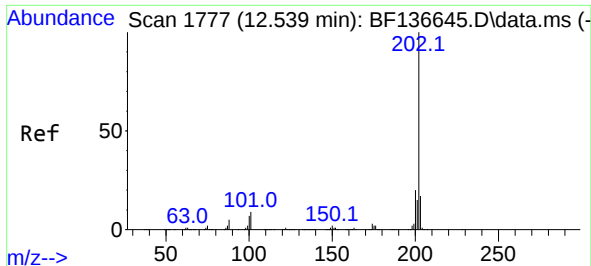


#71
Phenanthrene
Concen: 2.203 ng
RT: 11.333 min Scan# 1572
Delta R.T. -0.012 min
Lab File: BF137008.D
Acq: 08 Jan 2024 22:08



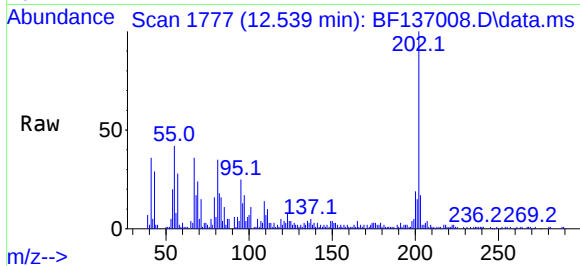
Tgt Ion:178 Resp: 17379
Ion Ratio Lower Upper
178 100
176 20.1 15.3 22.9
179 20.5 11.9 17.9#





#75
Fluoranthene
Concen: 3.709 ng
RT: 12.539 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137008.D
Acq: 08 Jan 2024 22:08

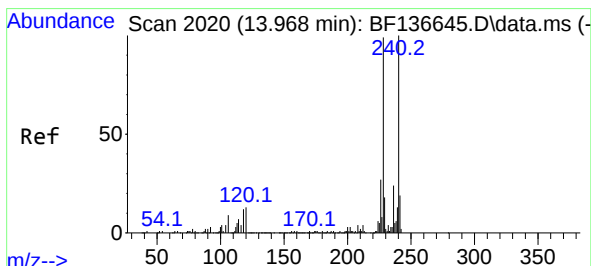
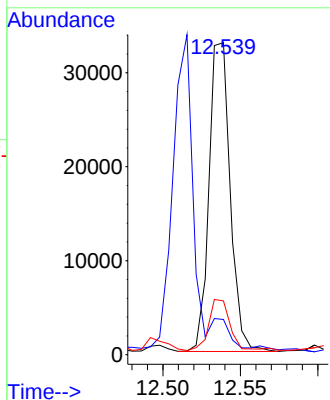
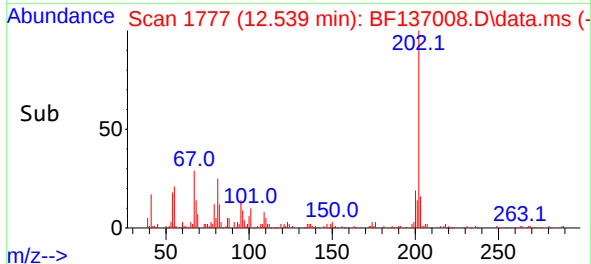
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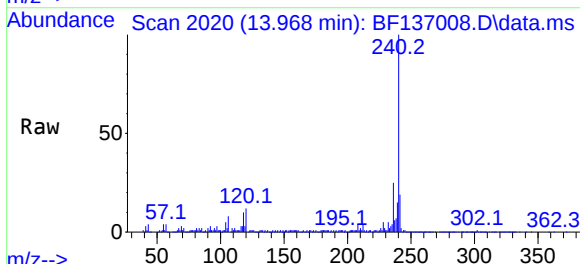
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Ion Ratio Lower Upper
202 100
101 11.3 0.0 29.3
203 17.2 0.0 37.1

Manual Integrations
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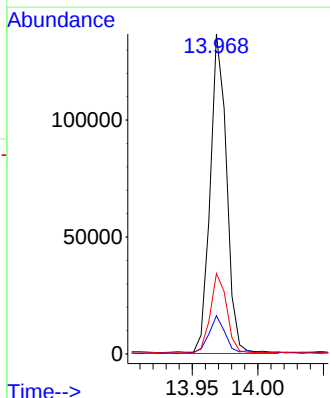
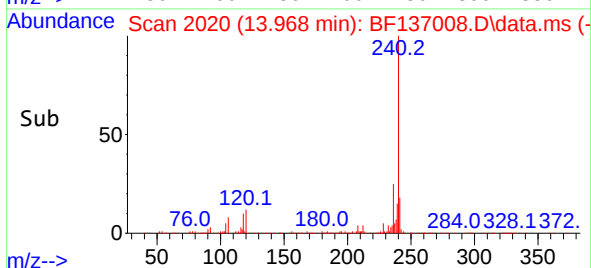
Reviewed By :Yogesh Patel 01/09/2024
Supervised By :mohammad ahmed 01/09/2024

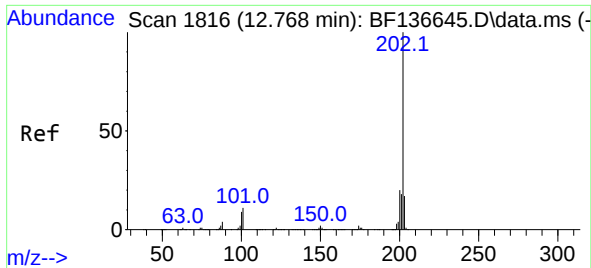


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF137008.D
Acq: 08 Jan 2024 22:08



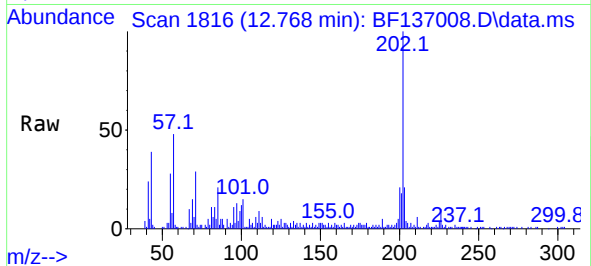
Tgt Ion:240 Resp: 119234
Ion Ratio Lower Upper
240 100
120 11.9 10.3 15.5
236 25.2 19.4 29.2





#78
Pyrene
Concen: 3.088 ng
RT: 12.768 min Scan# 1816
Delta R.T. 0.000 min
Lab File: BF137008.D
Acq: 08 Jan 2024 22:08

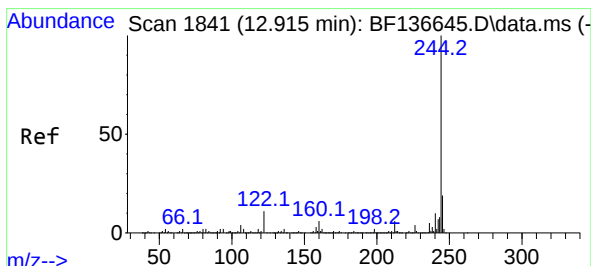
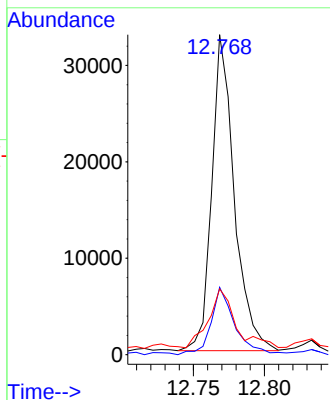
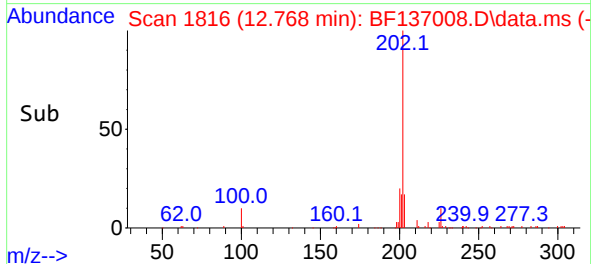
Instrument :
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TR-06-01052024



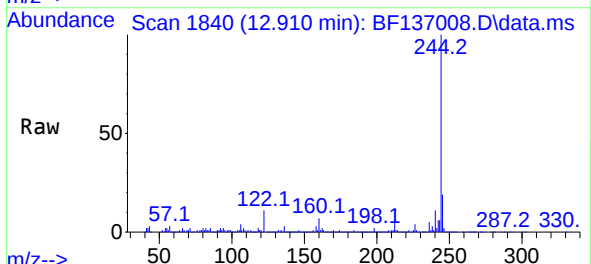
Tgt Ion:202 Resp: 3614
Ion Ratio Lower Upper
202 100
200 21.1 15.9 23.9
203 20.6 13.8 20.6

Manual Integrations
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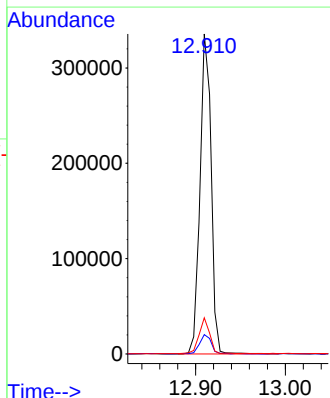
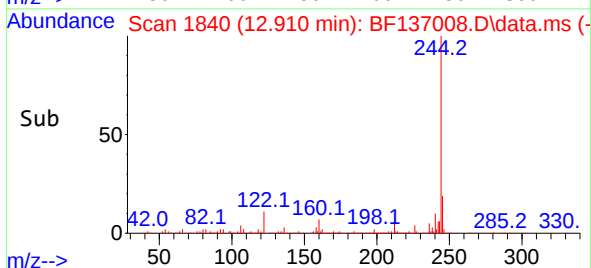
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Supervised By :mohammad ahmed 01/09/2024

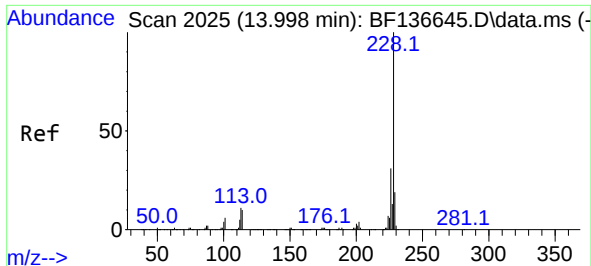


#79
Terphenyl-d14
Concen: 33.880 ng
RT: 12.910 min Scan# 1840
Delta R.T. -0.006 min
Lab File: BF137008.D
Acq: 08 Jan 2024 22:08



Tgt Ion:244 Resp: 289065
Ion Ratio Lower Upper
244 100
212 6.0 5.0 7.4
122 11.3 9.0 13.4





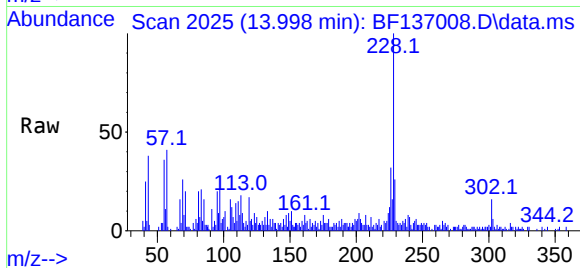
#83
Chrysene
Concen: 2.128 ng
RT: 13.998 min Scan# 2025
Delta R.T. 0.000 min
Lab File: BF137008.D
Acq: 08 Jan 2024 22:08

Instrument :

BNA_F

ClientSampleId :

TR-06-01052024



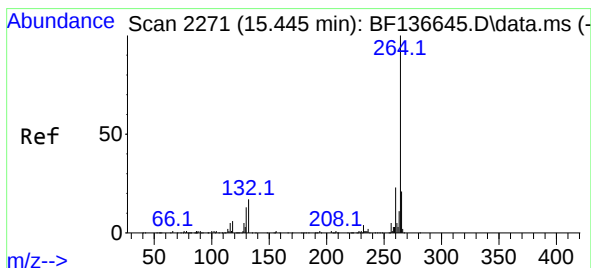
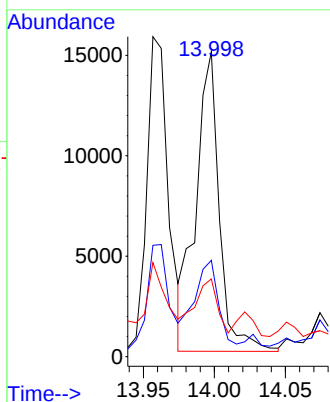
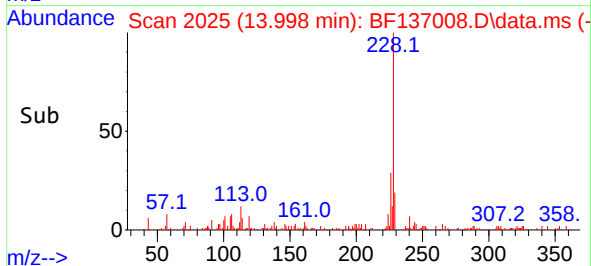
Tgt Ion:228 Resp: 17227
Ion Ratio Lower Upper
228 100
226 31.6 24.7 37.1
229 25.5 15.4 23.0

Manual Integrations

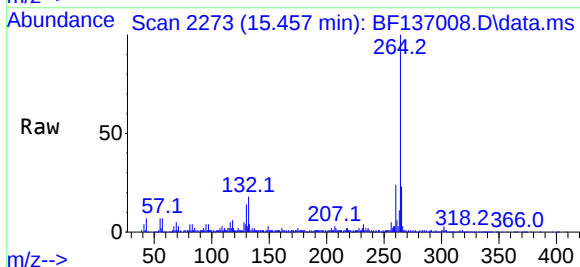
APPROVED

Reviewed By :Yogesh Patel 01/09/2024

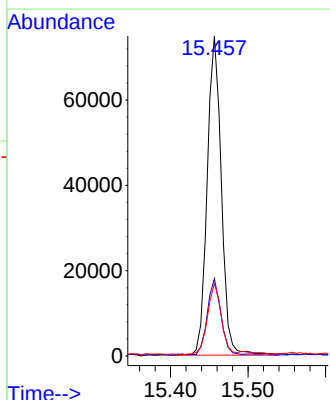
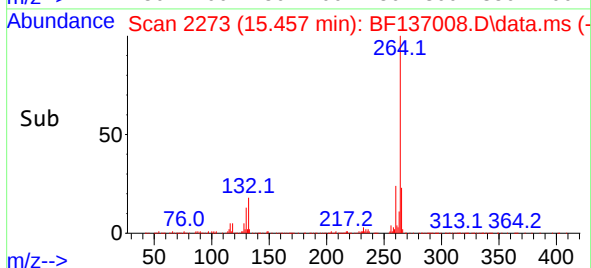
Supervised By :mohammad ahmed 01/09/2024

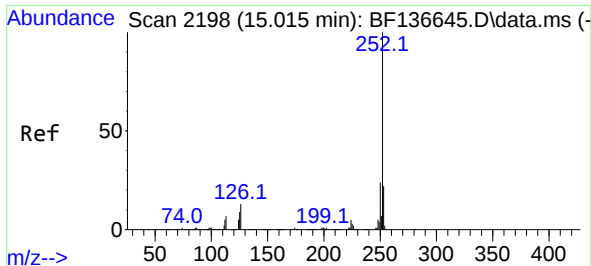


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.457 min Scan# 2273
Delta R.T. 0.012 min
Lab File: BF137008.D
Acq: 08 Jan 2024 22:08



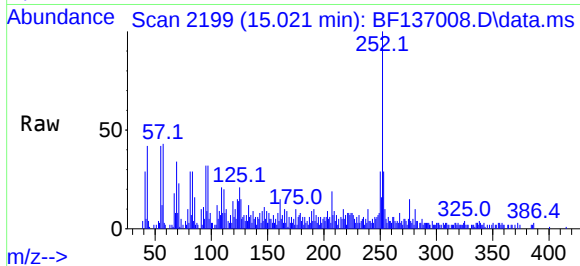
Tgt Ion:264 Resp: 94964
Ion Ratio Lower Upper
264 100
260 24.2 18.3 27.5
265 22.7 17.0 25.6





#88
Benzo(b)fluoranthene
Concen: 2.382 ng m
RT: 15.021 min Scan# 2199
Delta R.T. 0.006 min
Lab File: BF137008.D
Acq: 08 Jan 2024 22:08

Instrument :
BNA_F
ClientSampleId :
TR-06-01052024



Tgt Ion:252 Resp: 15100
Ion Ratio Lower Upper
252 100
253 29.3 17.4 26.0
125 20.8 7.4 11.2

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 01/09/2024
Supervised By :mohammad ahmed 01/09/2024

