

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100424\
 Data File : BF139675.D
 Acq On : 04 Oct 2024 23:36
 Operator : RC/JU
 Sample : P4277-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BU-03-10022024

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/07/2024
 Supervised By :mohammad ahmed 10/07/2024

Quant Time: Oct 05 00:43:41 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 02 04:58:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	75696	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	259314	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	122342	20.000	ng	-0.01
64) Phenanthrene-d10	11.386	188	213196	20.000	ng	0.00
76) Chrysene-d12	14.027	240	153976	20.000	ng	0.00
86) Perylene-d12	15.492	264	122841	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	308372	70.609	ng	0.00
7) Phenol-d6	6.492	99	386794	65.859	ng	-0.01
23) Nitrobenzene-d5	7.422	82	243684	47.579	ng	-0.01
42) 2,4,6-Tribromophenol	10.686	330	71090	60.194	ng	-0.01
45) 2-Fluorobiphenyl	9.222	172	401474	50.378	ng	0.00
79) Terphenyl-d14	12.968	244	389338	41.489	ng	-0.01
Target Compounds						Qvalue
75) Fluoranthene	12.598	202	34860	3.172	ng	99
78) Pyrene	12.827	202	47102	3.420	ng	99
81) Benzo(a)anthracene	14.015	228	32159m	3.177	ng	
83) Chrysene	14.051	228	28814	3.113	ng	96
88) Benzo(b)fluoranthene	15.062	252	30513m	3.842	ng	
90) Benzo(a)pyrene	15.433	252	23724	3.788	ng	# 87
92) Benzo(g,h,i)perylene	17.403	276	13413	2.230	ng	# 90

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

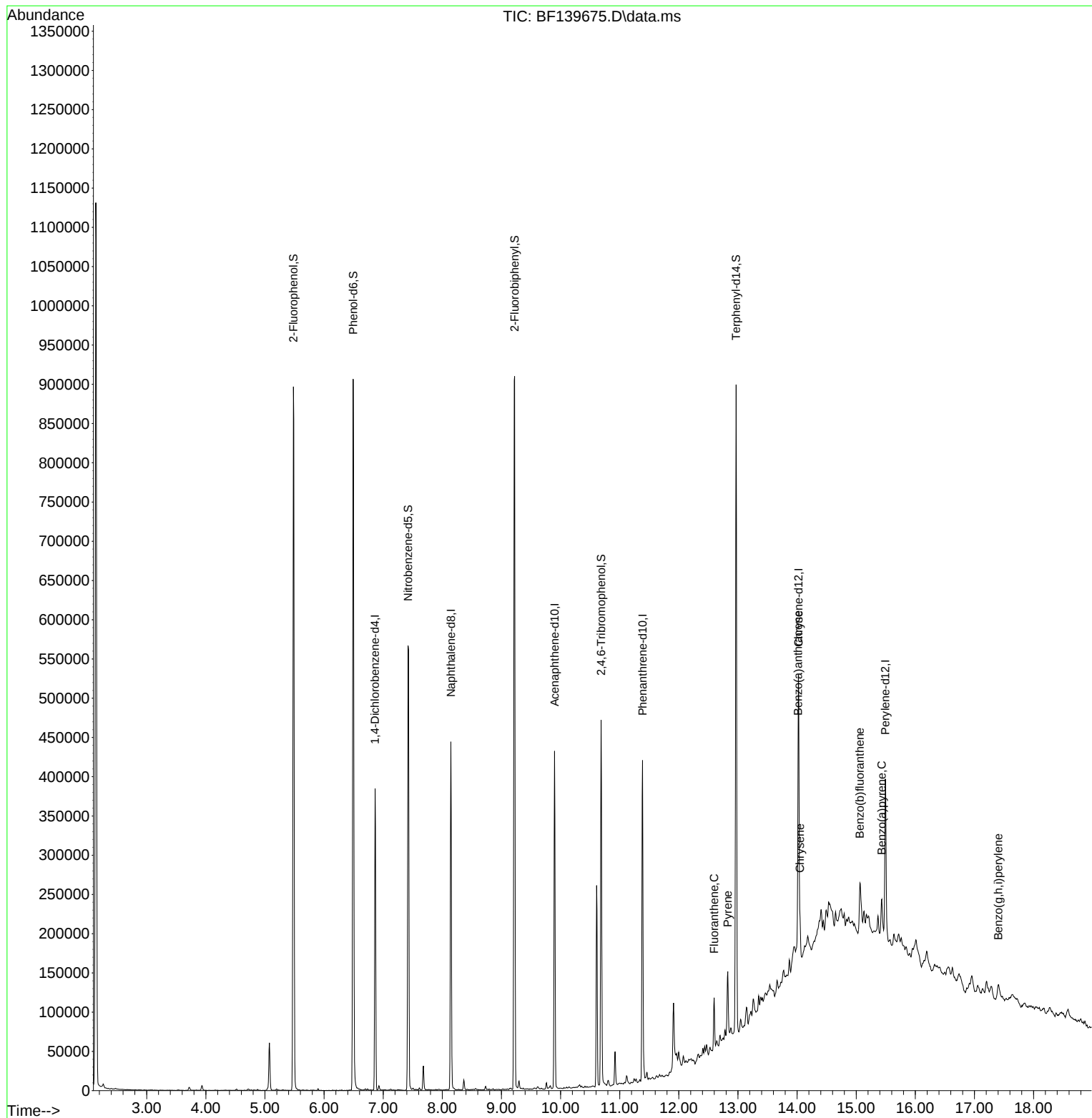
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100424\
Data File : BF139675.D
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Quant Time: Oct 05 00:43:41 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 02 04:58:47 2024
Response via : Initial Calibration

Manual Integrations
APPROVED

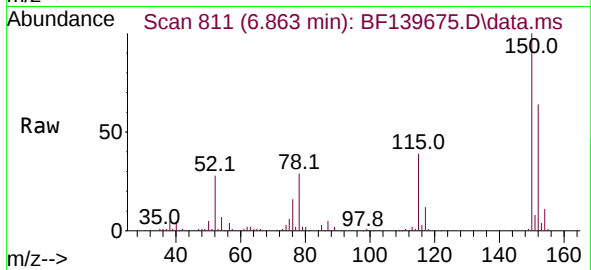
Reviewed By :Yogesh Patel 10/07/2024
Supervised By :mohammad ahmed 10/07/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF139675.D
Acq: 04 Oct 2024 23:36

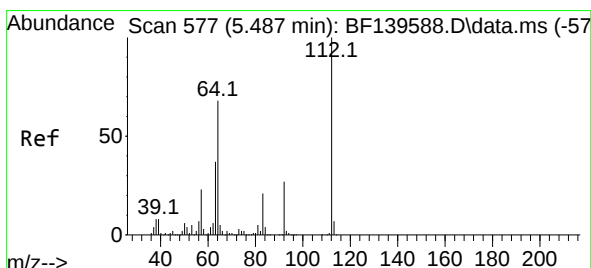
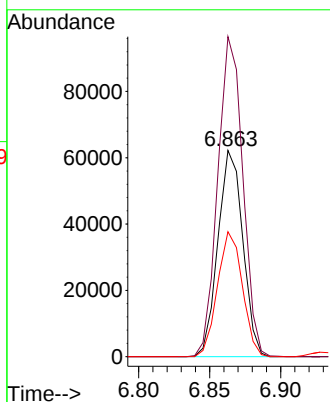
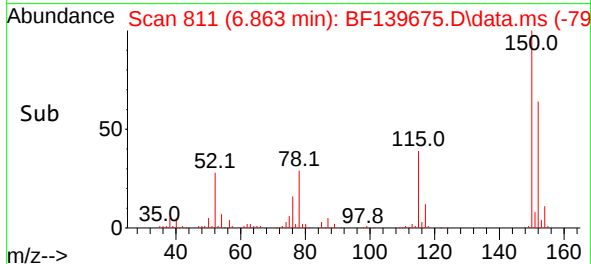
Instrument :
BNA_F
ClientSampleId :
BU-03-10022024



Tgt Ion:152 Resp: 75690
Ion Ratio Lower Upper
152 100
150 155.2 127.2 190.8
115 60.6 49.0 73.4

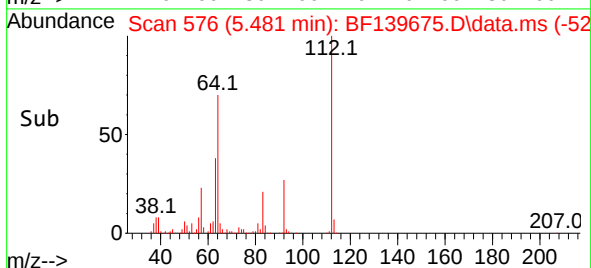
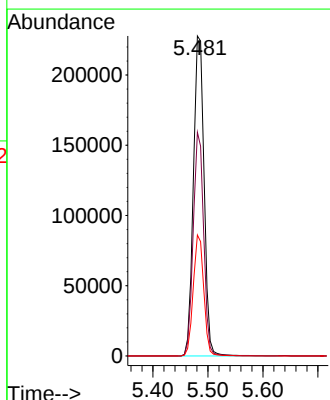
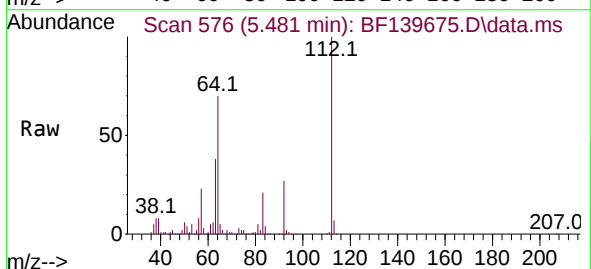
Manual Integrations
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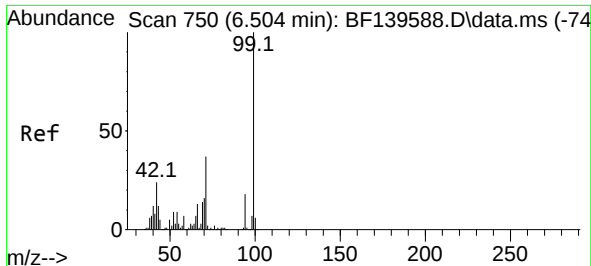
Reviewed By :Yogesh Patel 10/07/2024
Supervised By :mohammad ahmed 10/07/2024



#5
2-Fluorophenol
Concen: 70.609 ng
RT: 5.481 min Scan# 576
Delta R.T. -0.006 min
Lab File: BF139675.D
Acq: 04 Oct 2024 23:36

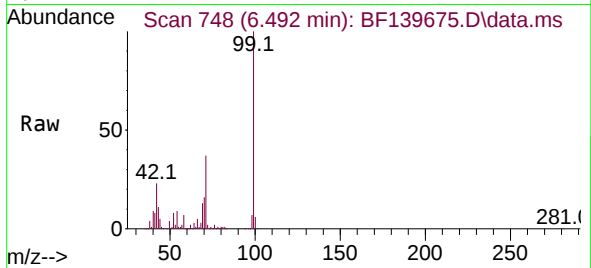
Tgt Ion:112 Resp: 308372
Ion Ratio Lower Upper
112 100
64 69.9 54.2 81.4
63 37.8 29.4 44.2





#7
Phenol-d6
Concen: 65.859 ng
RT: 6.492 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF139675.D
Acq: 04 Oct 2024 23:36

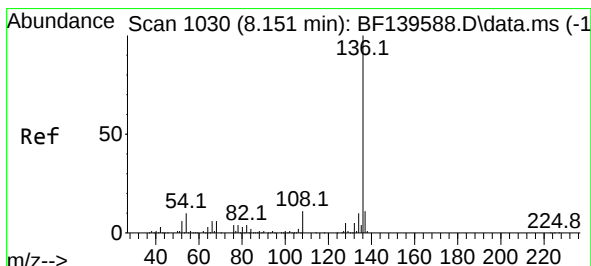
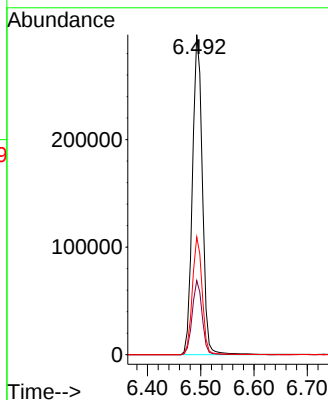
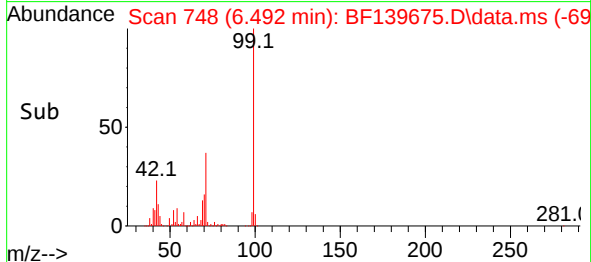
Instrument :
BNA_F
ClientSampleId :
BU-03-10022024



Tgt Ion: 99 Resp: 386794
Ion Ratio Lower Upper
99 100
42 23.2 19.1 28.7
71 36.8 29.7 44.5

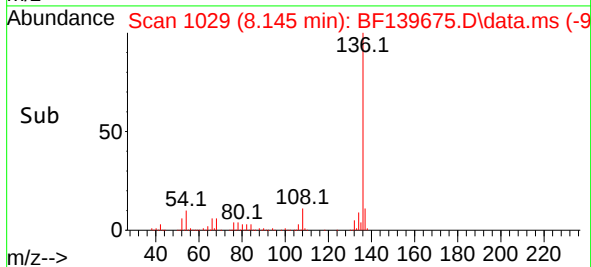
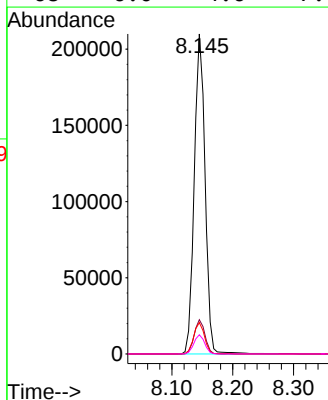
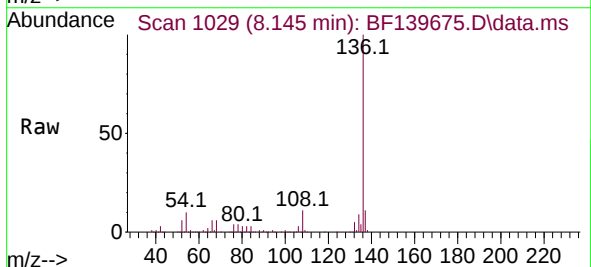
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Reviewed By :Yogesh Patel 10/07/2024
Supervised By :mohammad ahmed 10/07/2024



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF139675.D
Acq: 04 Oct 2024 23:36

Tgt Ion:136 Resp: 259314
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 9.8 8.3 12.5
68 6.0 4.6 7.0





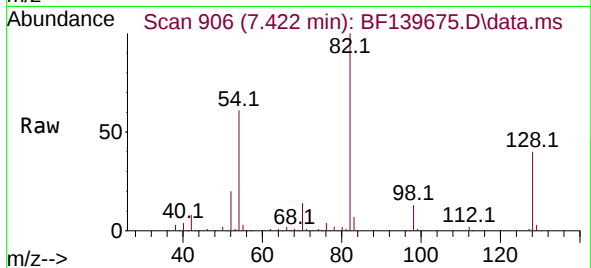
#23
Nitrobenzene-d5
Concen: 47.579 ng
RT: 7.422 min Scan# 908
Delta R.T. -0.012 min
Lab File: BF139675.D
Acq: 04 Oct 2024 23:36

Instrument :

BNA_F

ClientSampleId :

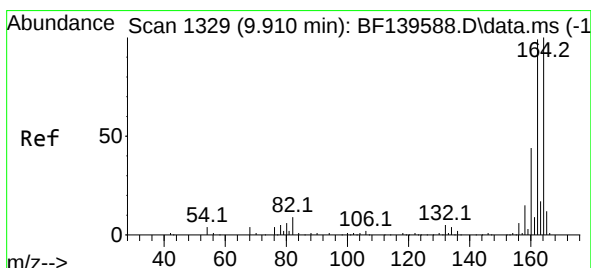
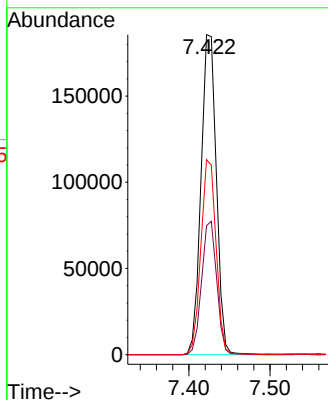
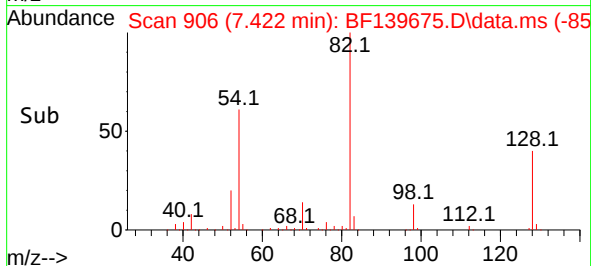
BU-03-10022024



Tgt Ion: 82 Resp: 243684
Ion Ratio Lower Upper
82 100
128 40.3 32.4 48.6
54 60.9 49.1 73.7

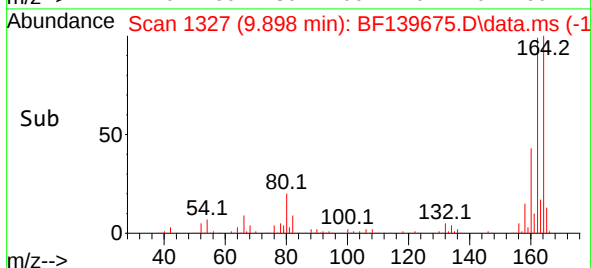
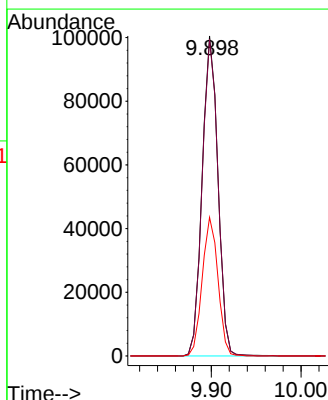
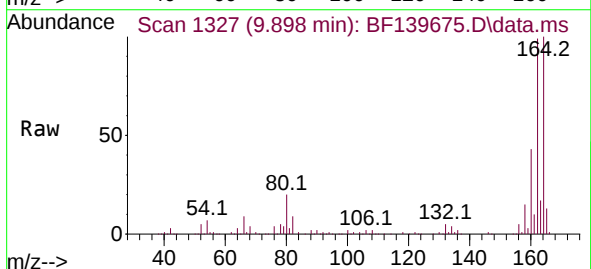
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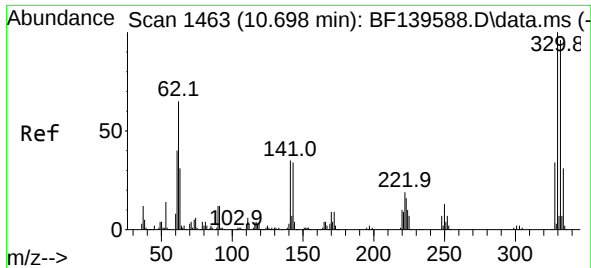
Reviewed By :Yogesh Patel 10/07/2024
Supervised By :mohammad ahmed 10/07/2024



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.012 min
Lab File: BF139675.D
Acq: 04 Oct 2024 23:36

Tgt Ion:164 Resp: 122342
Ion Ratio Lower Upper
164 100
162 99.0 79.4 119.0
160 43.3 35.1 52.7





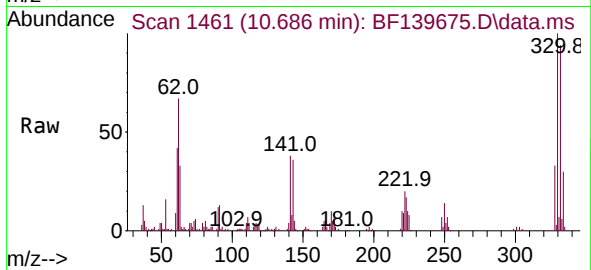
#42
2,4,6-Tribromophenol
Concen: 60.194 ng
RT: 10.686 min Scan# 1461
Delta R.T. -0.012 min
Lab File: BF139675.D
Acq: 04 Oct 2024 23:36

Instrument :

BNA_F

ClientSampleId :

BU-03-10022024



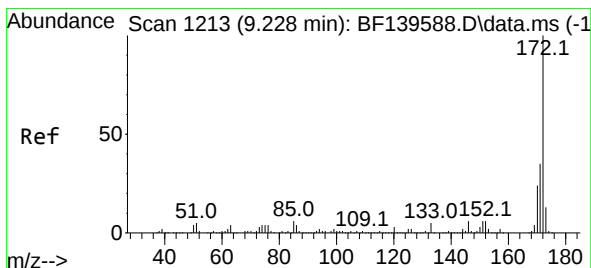
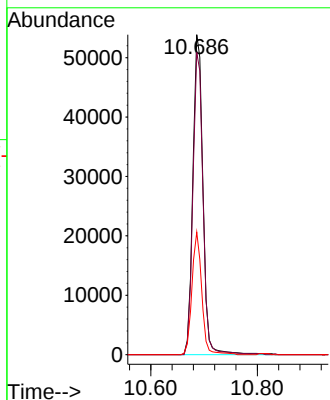
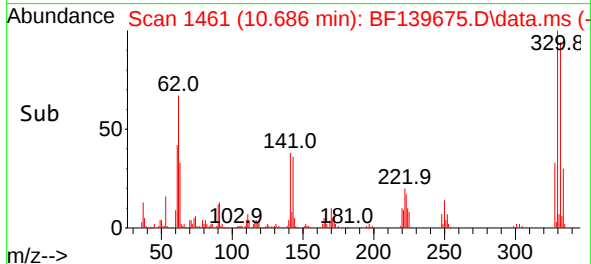
Tgt Ion:330 Resp: 71090
Ion Ratio Lower Upper
330 100
332 94.2 76.5 114.7
141 37.2 29.3 43.9

Manual Integrations

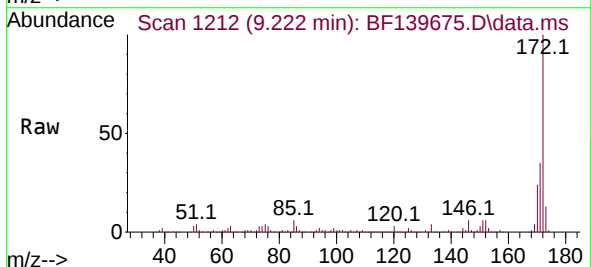
APPROVED

Reviewed By :Yogesh Patel 10/07/2024

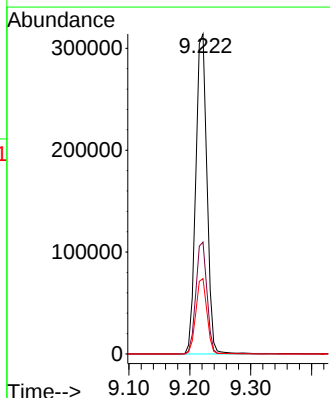
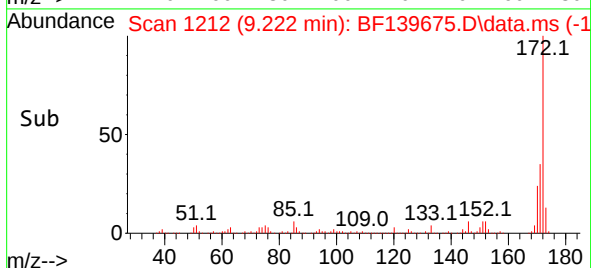
Supervised By :mohammad ahmed 10/07/2024

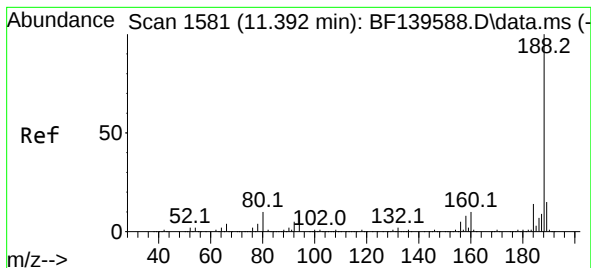


#45
2-Fluorobiphenyl
Concen: 50.378 ng
RT: 9.222 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF139675.D
Acq: 04 Oct 2024 23:36



Tgt Ion:172 Resp: 401474
Ion Ratio Lower Upper
172 100
171 34.9 28.2 42.4
170 23.5 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.386 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139675.D

Acq: 04 Oct 2024 23:36

Instrument :

BNA_F

ClientSampleId :

BU-03-10022024

Tgt Ion:188 Resp: 213190

Ion Ratio Lower Upper

188 100

94 8.9 7.4 11.2

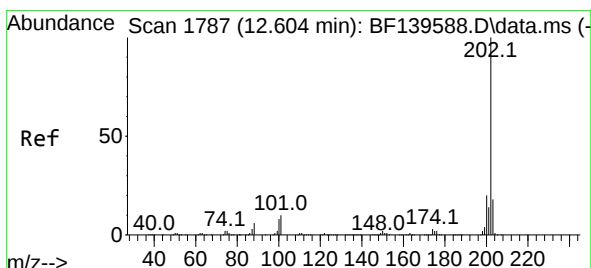
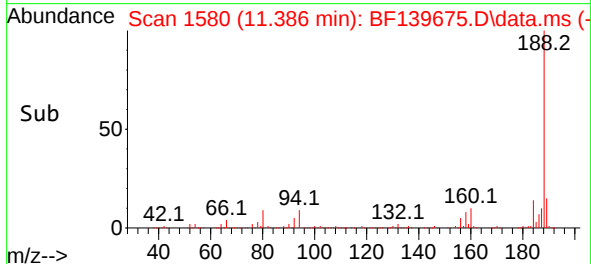
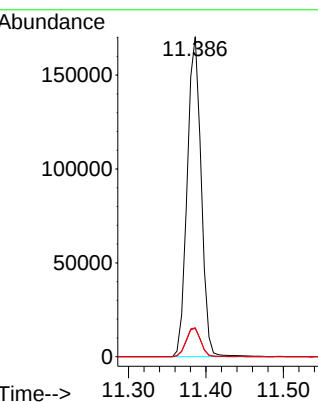
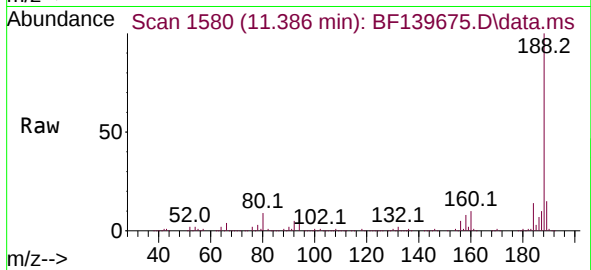
80 9.1 8.2 12.2

Manual Integrations

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Reviewed By :Yogesh Patel 10/07/2024

Supervised By :mohammad ahmed 10/07/2024



#75

Fluoranthene

Concen: 3.172 ng

RT: 12.598 min Scan# 1786

Delta R.T. -0.006 min

Lab File: BF139675.D

Acq: 04 Oct 2024 23:36

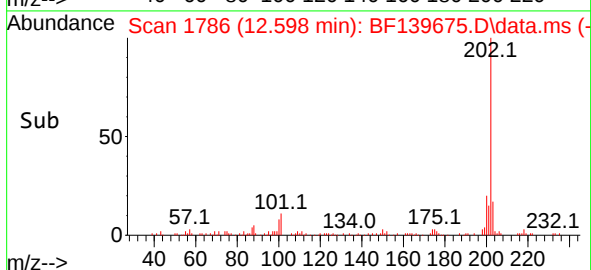
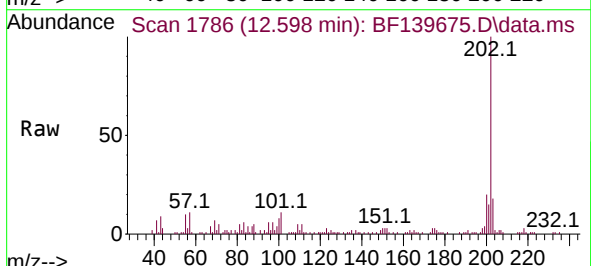
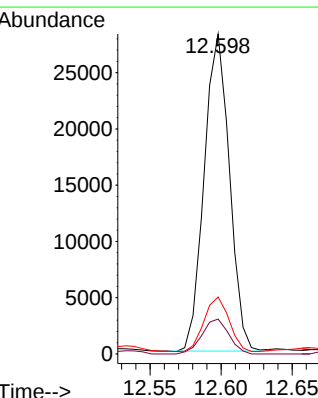
Tgt Ion:202 Resp: 34860

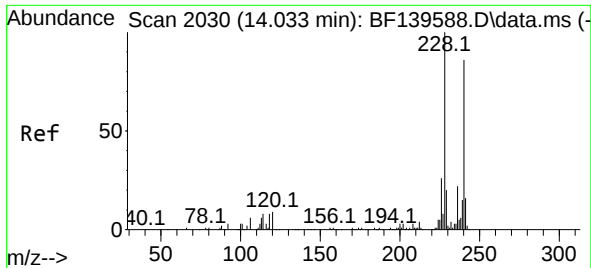
Ion Ratio Lower Upper

202 100

101 10.9 0.0 30.2

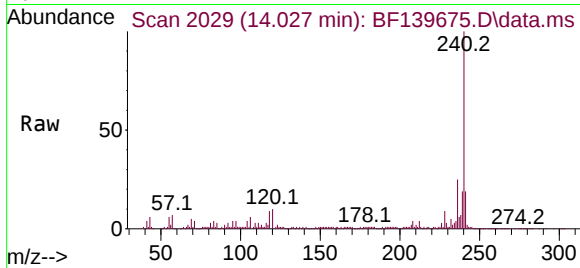
203 17.8 0.0 37.7





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF139675.D
Acq: 04 Oct 2024 23:36

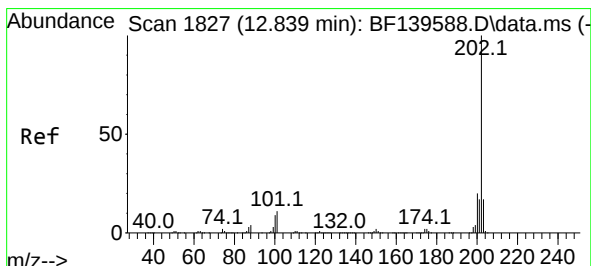
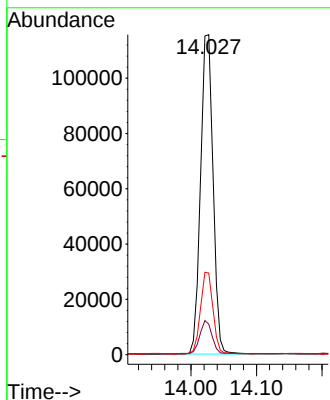
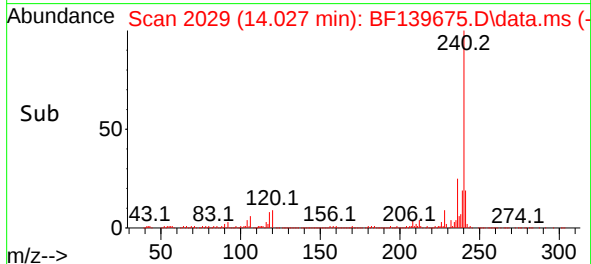
Instrument :
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Tgt Ion:240 Resp: 153970
Ion Ratio Lower Upper
240 100
120 9.5 8.4 12.6
236 25.5 20.3 30.5

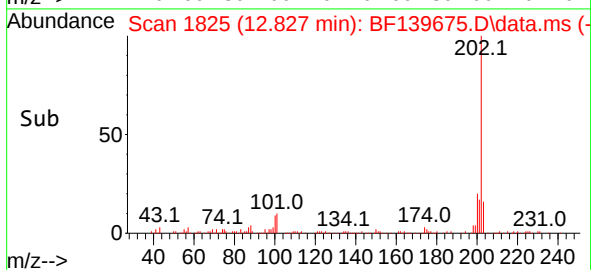
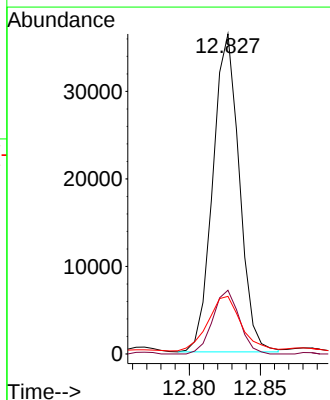
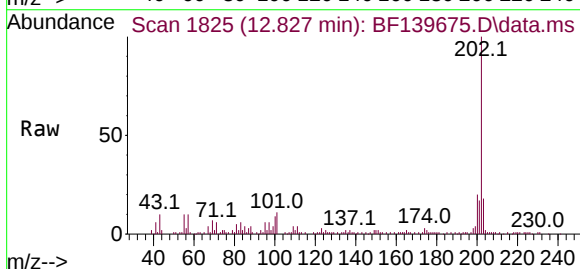
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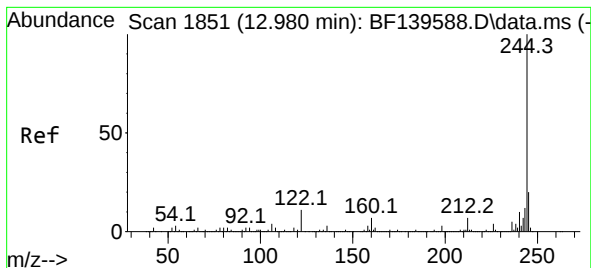
Reviewed By :Yogesh Patel 10/07/2024
Supervised By :mohammad ahmed 10/07/2024



#78
Pyrene
Concen: 3.420 ng
RT: 12.827 min Scan# 1825
Delta R.T. -0.012 min
Lab File: BF139675.D
Acq: 04 Oct 2024 23:36

Tgt Ion:202 Resp: 47102
Ion Ratio Lower Upper
202 100
200 19.9 15.8 23.6
203 18.0 13.8 20.8





#79

Terphenyl-d14

Concen: 41.489 ng

RT: 12.968 min Scan# 1849

Delta R.T. -0.012 min

Lab File: BF139675.D

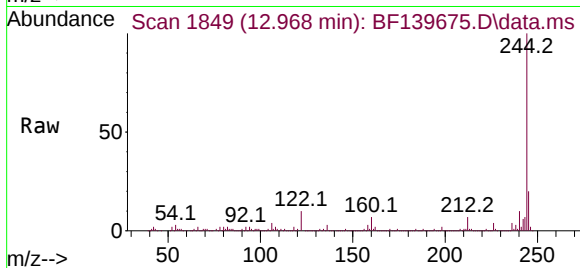
Acq: 04 Oct 2024 23:36

Instrument :

BNA_F

ClientSampleId :

BU-03-10022024



Tgt Ion:244 Resp: 389338

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.6

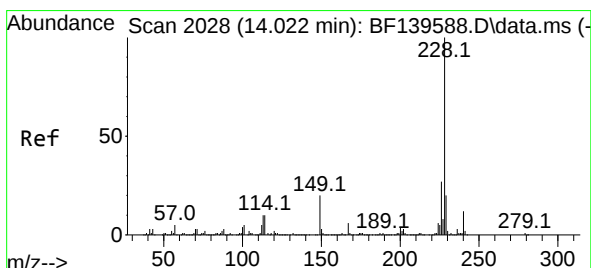
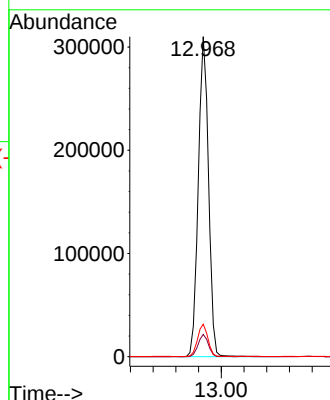
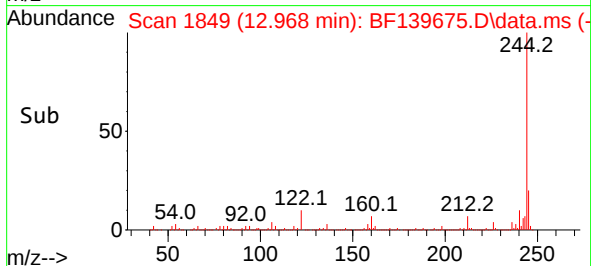
122 10.2 8.6 12.8

Manual Integrations

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Reviewed By :Yogesh Patel 10/07/2024

Supervised By :mohammad ahmed 10/07/2024



#81

Benzo(a)anthracene

Concen: 3.177 ng m

RT: 14.015 min Scan# 2027

Delta R.T. -0.006 min

Lab File: BF139675.D

Acq: 04 Oct 2024 23:36

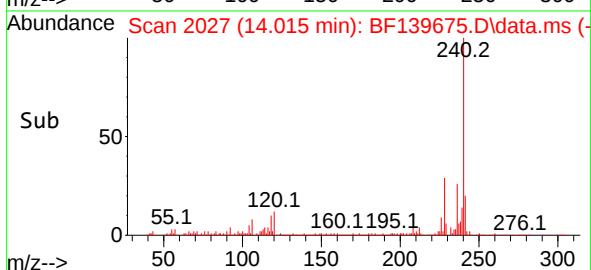
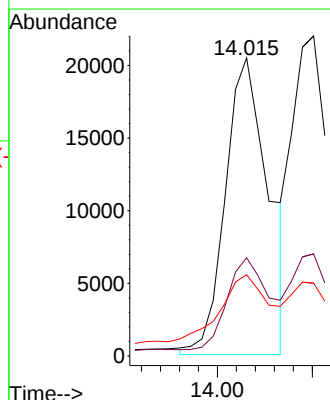
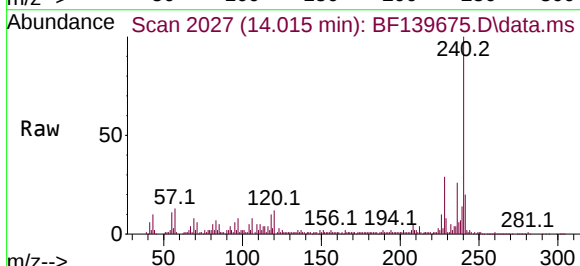
Tgt Ion:228 Resp: 32159

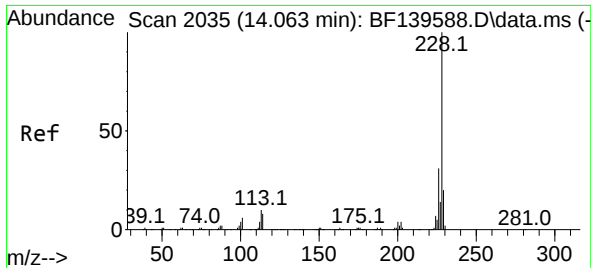
Ion Ratio Lower Upper

228 100

226 33.0 21.8 32.8#

229 27.2 15.8 23.8#





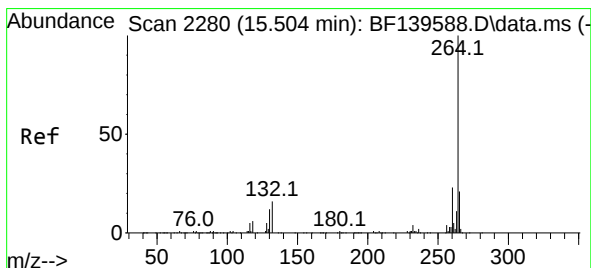
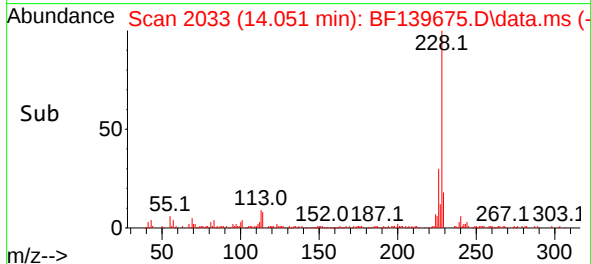
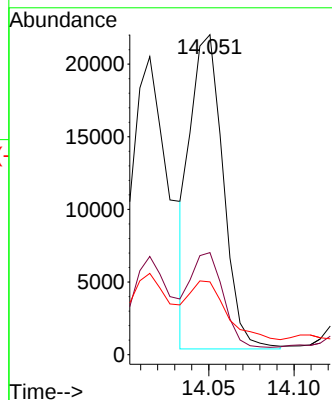
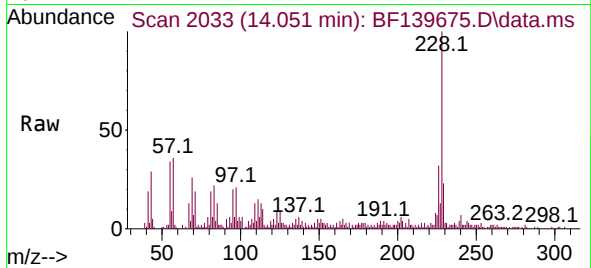
#83
Chrysene
Concen: 3.113 ng
RT: 14.051 min Scan# 2035
Delta R.T. -0.012 min
Lab File: BF139675.D
Acq: 04 Oct 2024 23:36

Instrument : BNA_F
ClientSampleId : BU-03-10022024

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.9	24.3	36.5
229	22.7	15.7	23.5

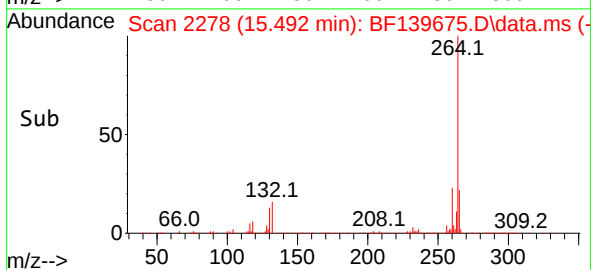
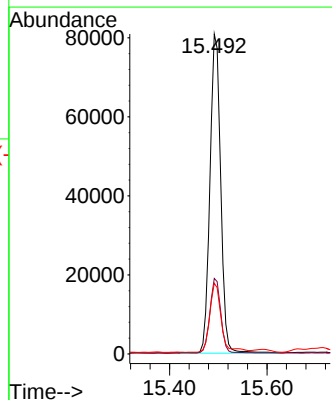
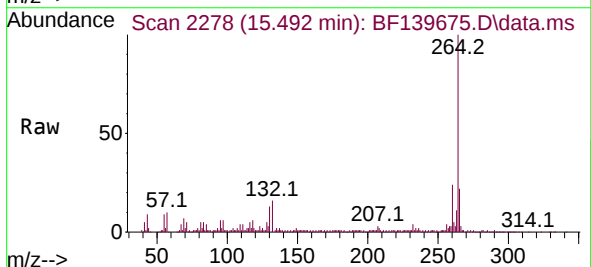
Manual Integrations
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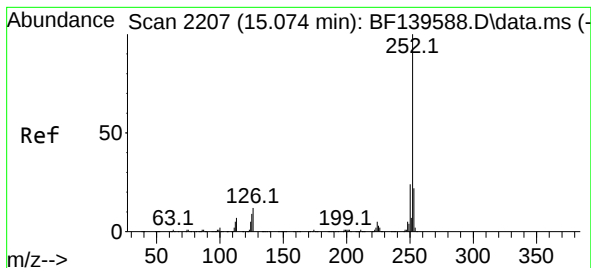
Reviewed By :Yogesh Patel 10/07/2024
Supervised By :mohammad ahmed 10/07/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.492 min Scan# 2278
Delta R.T. -0.012 min
Lab File: BF139675.D
Acq: 04 Oct 2024 23:36

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.7	28.1
265	22.1	16.9	25.3





#88

Benzo(b)fluoranthene

Concen: 3.842 ng m

RT: 15.062 min Scan# 2207

Delta R.T. -0.012 min

Lab File: BF139675.D

Acq: 04 Oct 2024 23:36

Instrument :

BNA_F

ClientSampleId :

BU-03-10022024

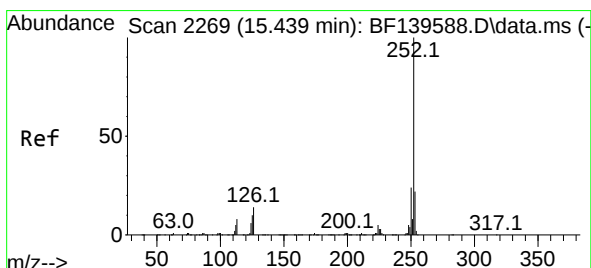
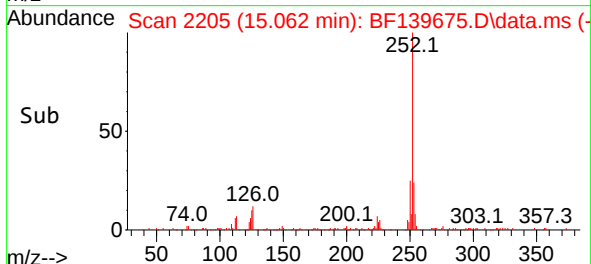
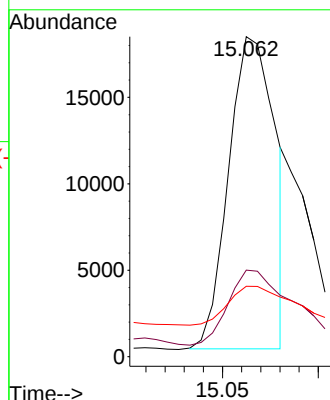
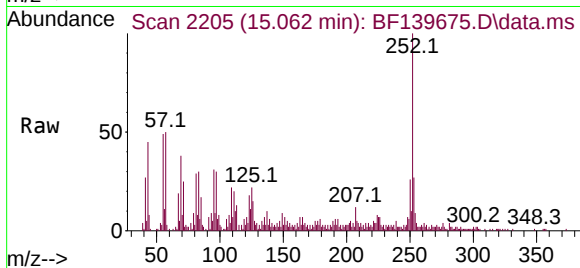
Tgt Ion:252 Resp: 30511
 Ion Ratio Lower Upper
 252 100
 253 27.0 17.4 26.0
 125 22.0 7.4 11.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/07/2024

Supervised By :mohammad ahmed 10/07/2024



#90

Benzo(a)pyrene

Concen: 3.788 ng

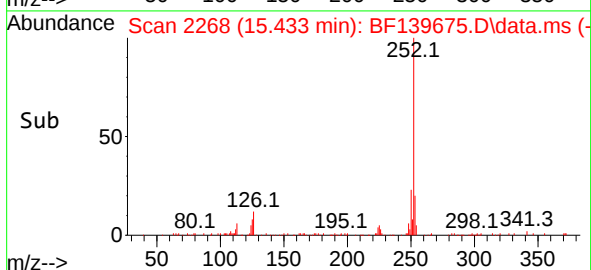
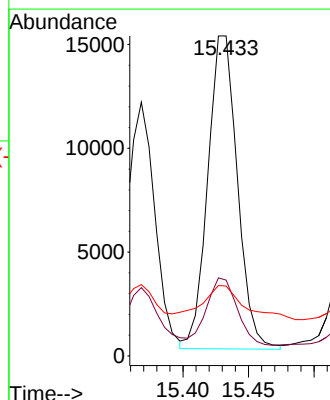
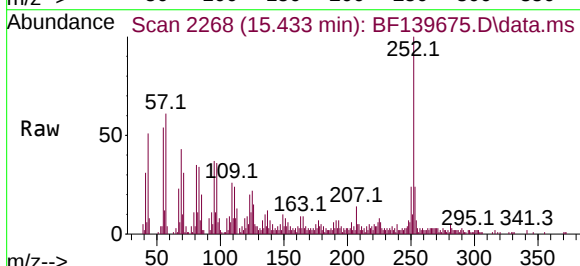
RT: 15.433 min Scan# 2268

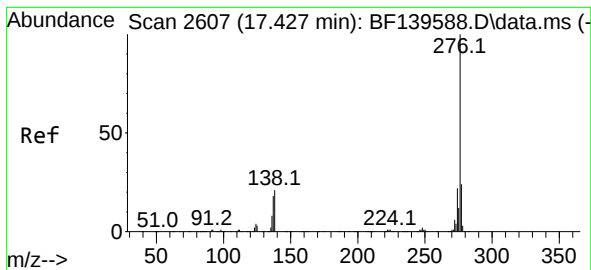
Delta R.T. -0.006 min

Lab File: BF139675.D

Acq: 04 Oct 2024 23:36

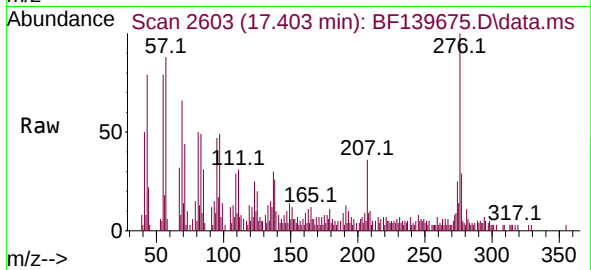
Tgt Ion:252 Resp: 23724
 Ion Ratio Lower Upper
 252 100
 253 23.7 17.3 25.9
 125 21.9 8.3 12.5





#92
 Benzo(g,h,i)perylene
 Concen: 2.230 ng
 RT: 17.403 min Scan# 20
 Delta R.T. -0.024 min
 Lab File: BF139675.D
 Acq: 04 Oct 2024 23:36

Instrument :
 BNA_F
 ClientSampleId :
 BU-03-10022024



Tgt Ion: 276 Resp: 1341

Ion	Ratio	Lower	Upper
276	100		
277	29.0	19.0	28.6
138	25.5	17.0	25.6

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/07/2024
 Supervised By :mohammad ahmed 10/07/2024

