

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022724\
 Data File : BF137419.D
 Acq On : 27 Feb 2024 22:09
 Operator : CG\JU
 Sample : P1584-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AU-06-02232024

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 02/28/2024
 Supervised By :mohammad ahmed 02/29/2024

Quant Time: Feb 28 05:26:21 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Feb 24 04:23:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	180723	20.000	ng	-0.02
21) Naphthalene-d8	8.063	136	638196	20.000	ng	-0.02
39) Acenaphthene-d10	9.816	164	290409	20.000	ng	-0.02
64) Phenanthrene-d10	11.310	188	439385	20.000	ng	-0.02
76) Chrysene-d12	13.968	240	444108	20.000	ng	-0.01
86) Perylene-d12	15.451	264	330124	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	1044869	89.212	ng	-0.01
7) Phenol-d6	6.422	99	1317376	76.463	ng	-0.02
23) Nitrobenzene-d5	7.345	82	781414	61.128	ng	-0.02
42) 2,4,6-Tribromophenol	10.610	330	184237	72.853	ng	-0.02
45) 2-Fluorobiphenyl	9.139	172	1198945	64.274	ng	-0.02
79) Terphenyl-d14	12.910	244	1193038	37.574	ng	-0.02
Target Compounds						Qvalue
71) Phenanthrene	11.333	178	175820	7.253	ng	98
75) Fluoranthene	12.527	202	317918	13.435	ng	99
78) Pyrene	12.757	202	302480	7.203	ng	98
80) Butylbenzylphthalate	13.392	149	58476	15.132	ng	94
81) Benzo(a)anthracene	13.957	228	187413	6.081	ng	99
83) Chrysene	13.992	228	197309m	6.268	ng	
84) Bis(2-ethylhexyl)phtha...	13.957	149	11091	5.699	ng	# 77
87) Indeno(1,2,3-cd)pyrene	16.951	276	45908	3.801	ng	98
88) Benzo(b)fluoranthene	15.015	252	171373m	8.462	ng	
89) Benzo(k)fluoranthene	15.045	252	61814m	2.912	ng	
90) Benzo(a)pyrene	15.386	252	114470	5.959	ng	# 88
91) Dibenzo(a,h)anthracene	16.974	278	13017	2.200	ng	# 43
92) Benzo(g,h,i)perylene	17.403	276	51733	4.626	ng	93

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

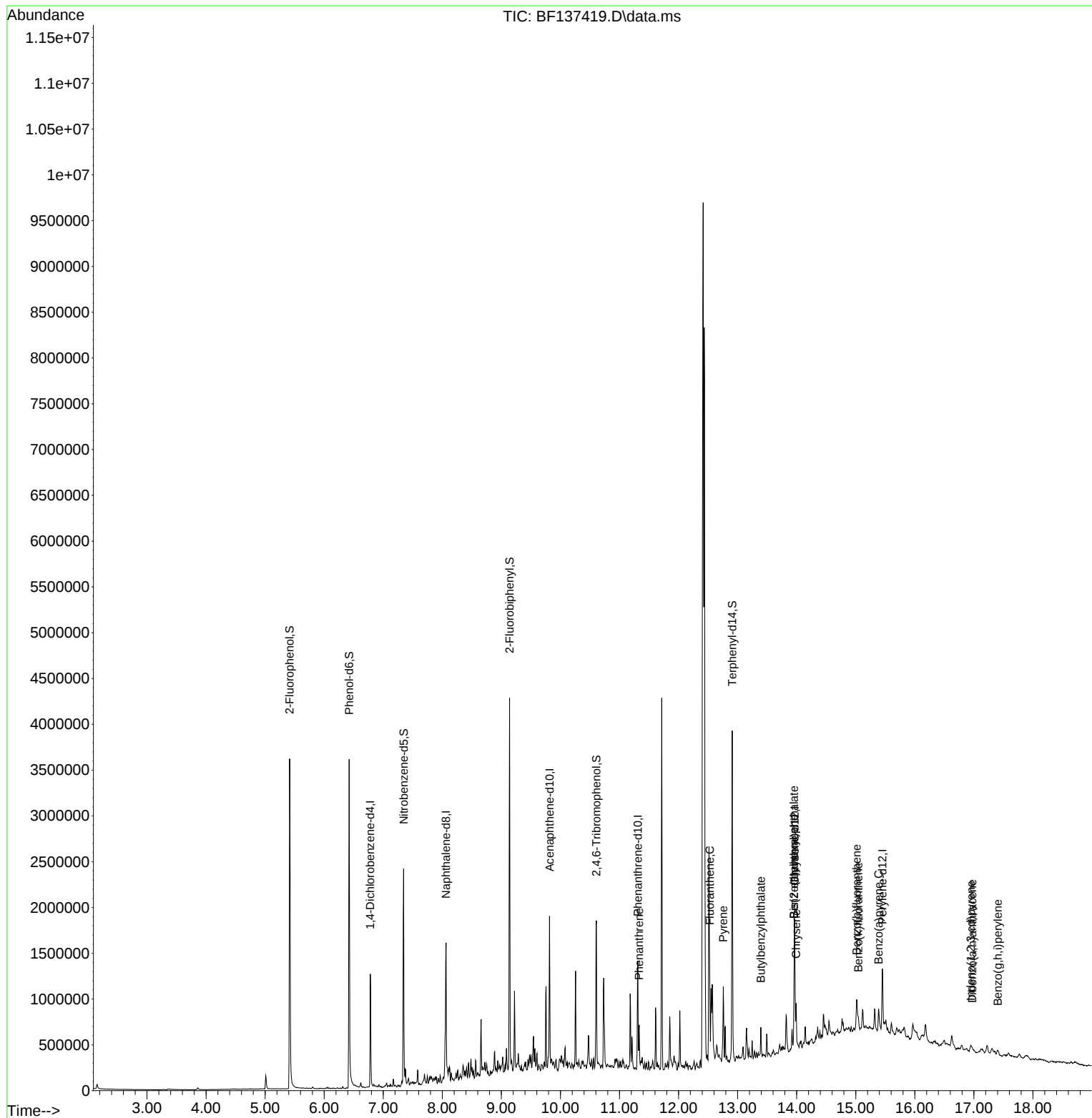
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022724\
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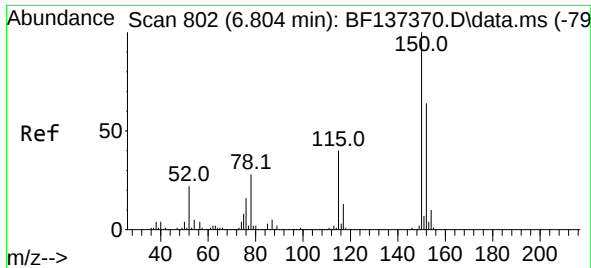
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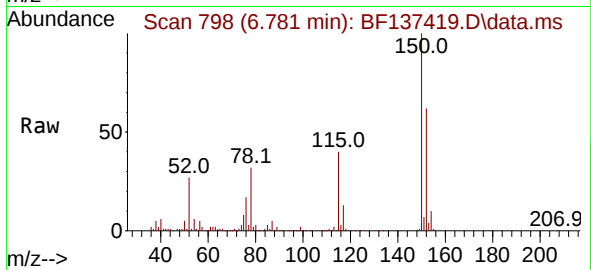
Quant Time: Feb 28 05:26:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Feb 24 04:23:49 2024
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.023 min
Lab File: BF137419.D
Acq: 27 Feb 2024 22:09

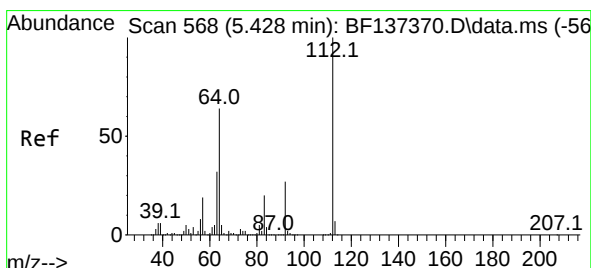
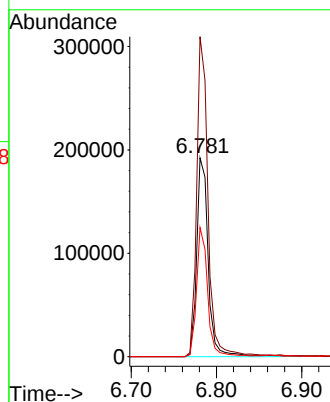
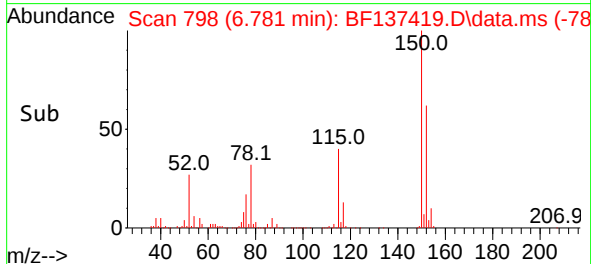
Instrument :
BNA_F
ClientSampleId :
AU-06-02232024



Tgt Ion:152 Resp: 18072
Ion Ratio Lower Upper
152 100
150 161.0 125.7 188.5
115 65.0 49.8 74.8

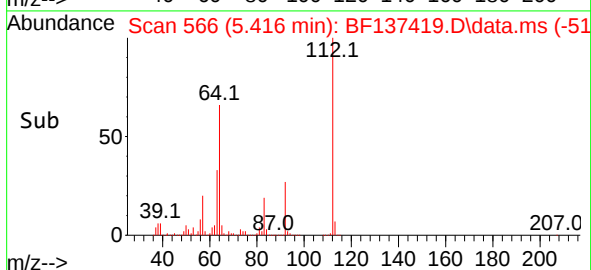
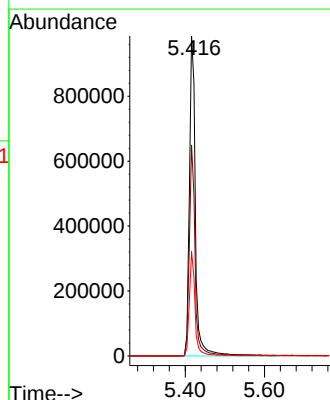
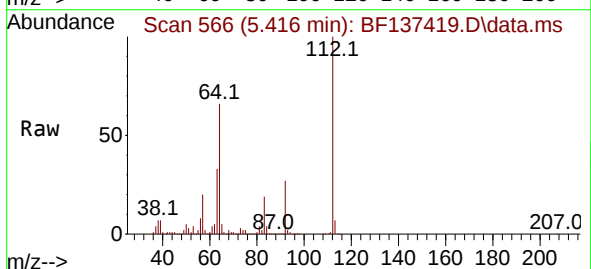
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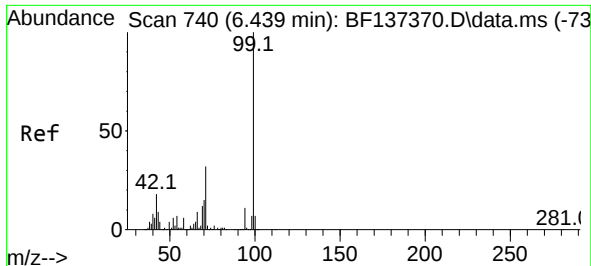
Reviewed By :Jagrut Upadhyay 02/28/2024
Supervised By :mohammad ahmed 02/29/2024



#5
2-Fluorophenol
Concen: 89.212 ng
RT: 5.416 min Scan# 566
Delta R.T. -0.012 min
Lab File: BF137419.D
Acq: 27 Feb 2024 22:09

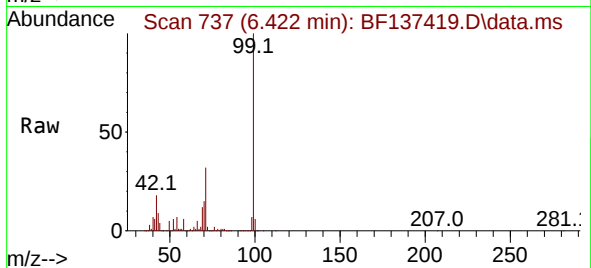
Tgt Ion:112 Resp: 1044869
Ion Ratio Lower Upper
112 100
64 66.0 51.0 76.6
63 32.6 25.7 38.5





#7
Phenol-d6
Concen: 76.463 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF137419.D
Acq: 27 Feb 2024 22:09

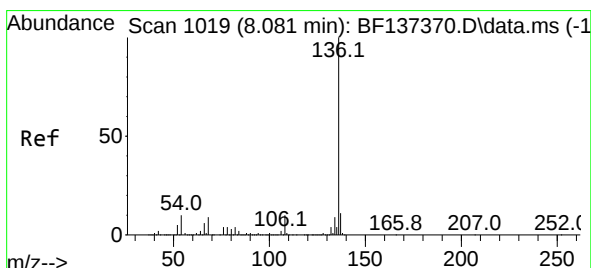
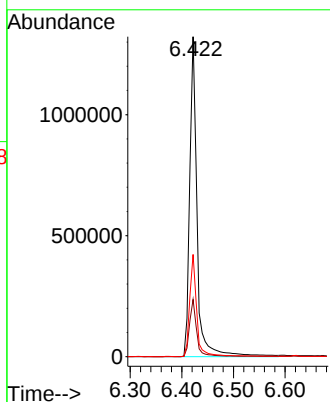
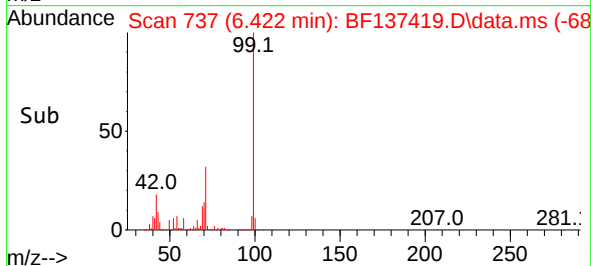
Instrument :
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ClientSampleId :
AU-06-02232024



Tgt Ion: 99 Resp: 1317370
Ion Ratio Lower Upper
99 100
42 17.9 14.2 21.4
71 32.0 25.2 37.8

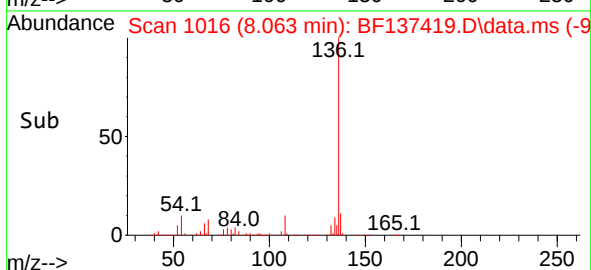
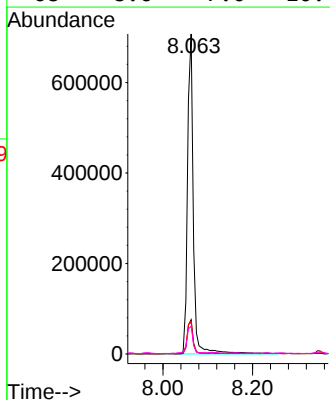
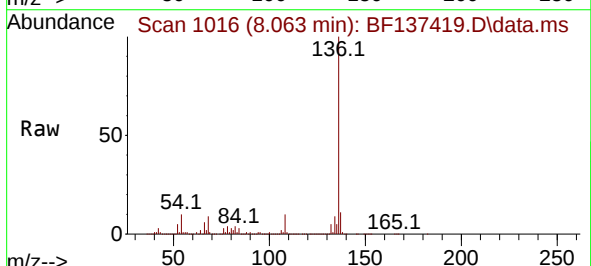
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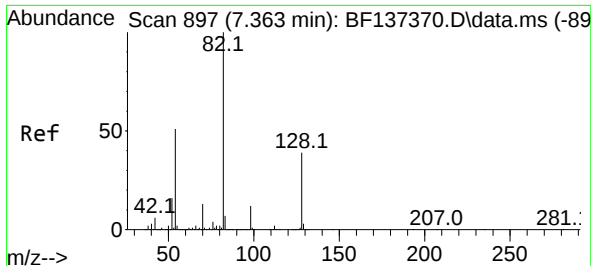
Reviewed By :Jagrut Upadhyay 02/28/2024
Supervised By :mohammad ahmed 02/29/2024



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.018 min
Lab File: BF137419.D
Acq: 27 Feb 2024 22:09

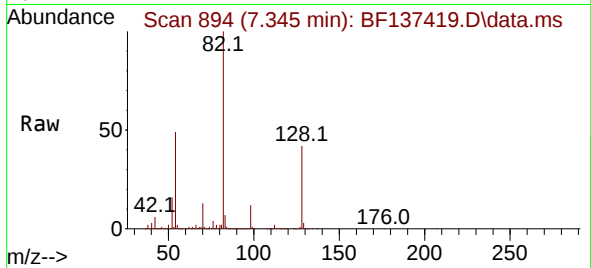
Tgt Ion:136 Resp: 638196
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.4
54 9.9 7.8 11.6
68 8.6 7.0 10.4





#23
Nitrobenzene-d5
Concen: 61.128 ng
RT: 7.345 min Scan# 897
Delta R.T. -0.018 min
Lab File: BF137419.D
Acq: 27 Feb 2024 22:09

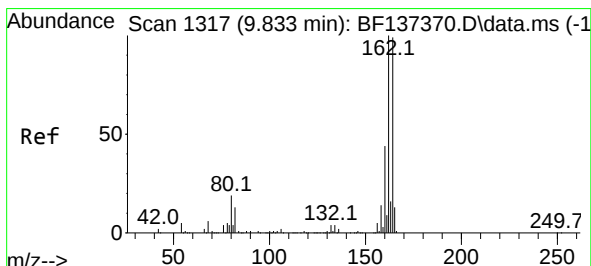
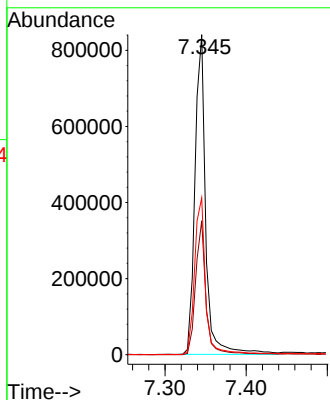
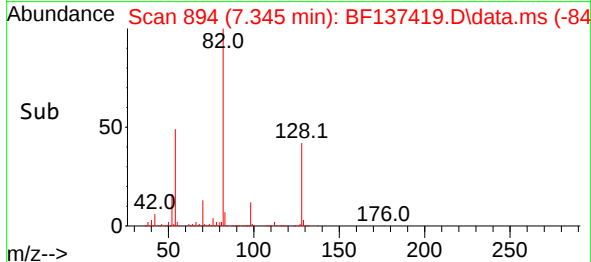
Instrument :
BNA_F
ClientSampleId :
AU-06-02232024



Tgt Ion: 82 Resp: 781414
Ion Ratio Lower Upper
82 100
128 41.9 30.8 46.2
54 49.0 40.8 61.2

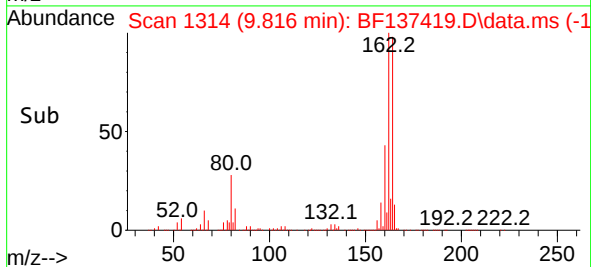
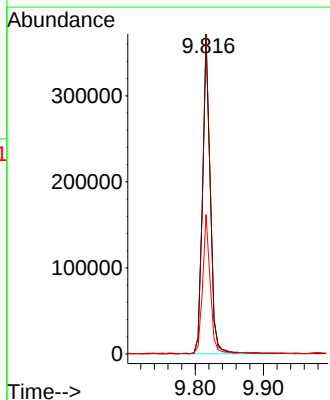
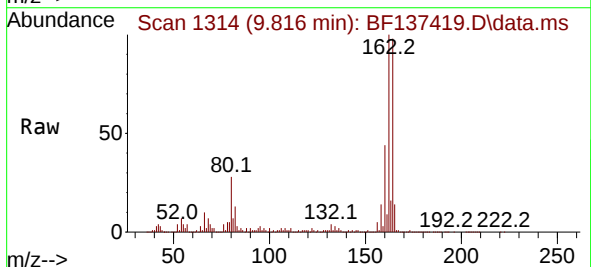
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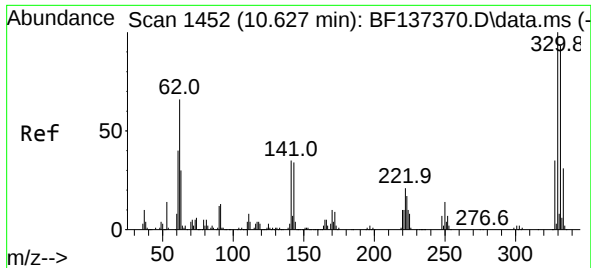
Reviewed By :Jagrut Upadhyay 02/28/2024
Supervised By :mohammad ahmed 02/29/2024



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.018 min
Lab File: BF137419.D
Acq: 27 Feb 2024 22:09

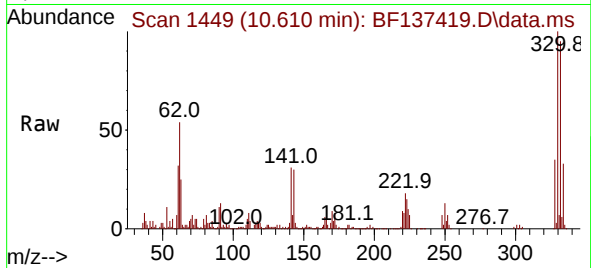
Tgt Ion:164 Resp: 290409
Ion Ratio Lower Upper
164 100
162 101.8 81.2 121.8
160 44.3 35.7 53.5





#42
2,4,6-Tribromophenol
Concen: 72.853 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.018 min
Lab File: BF137419.D
Acq: 27 Feb 2024 22:09

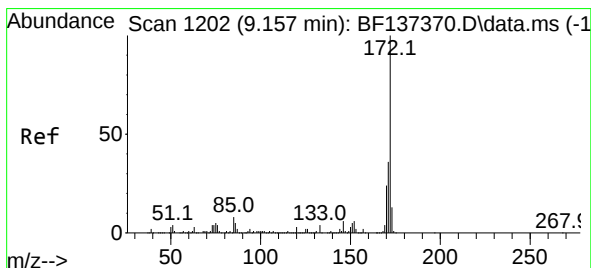
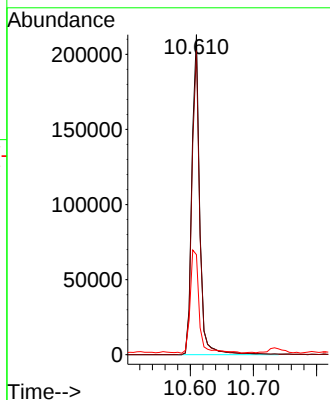
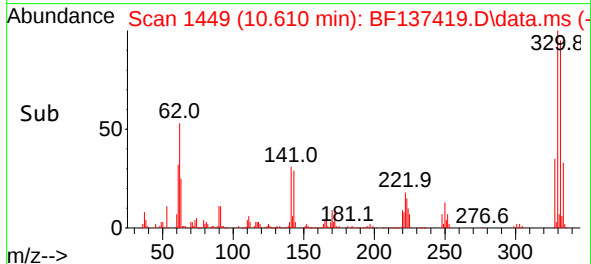
Instrument :
BNA_F
ClientSampleId :
AU-06-02232024



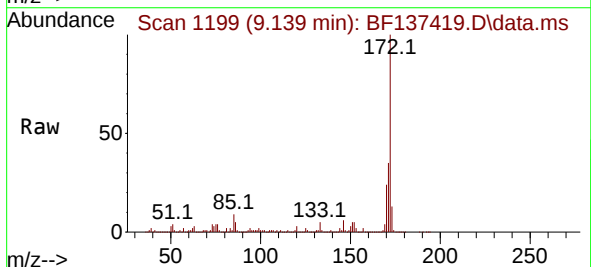
Tgt Ion:330 Resp: 18423
Ion Ratio Lower Upper
330 100
332 95.1 75.6 113.4
141 36.2 28.6 42.8

Manual Integrations
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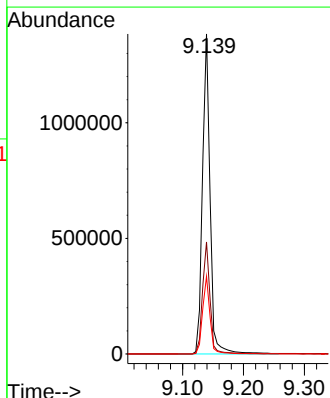
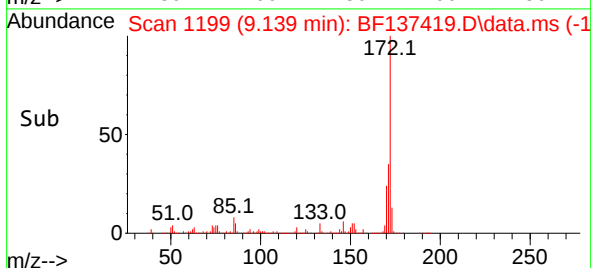
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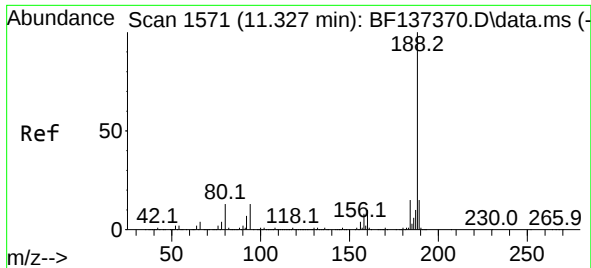


#45
2-Fluorobiphenyl
Concen: 64.274 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.018 min
Lab File: BF137419.D
Acq: 27 Feb 2024 22:09



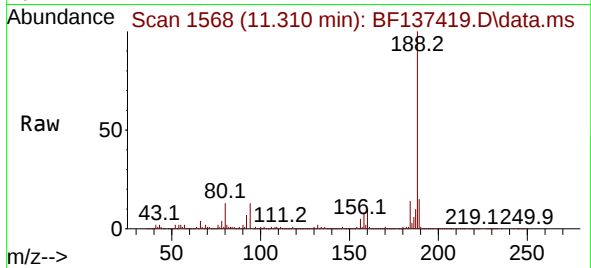
Tgt Ion:172 Resp: 1198945
Ion Ratio Lower Upper
172 100
171 35.0 28.7 43.1
170 24.2 19.5 29.3





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF137419.D
Acq: 27 Feb 2024 22:09

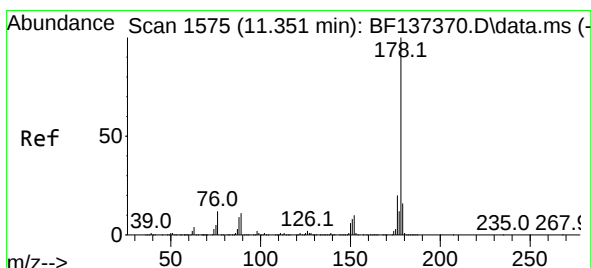
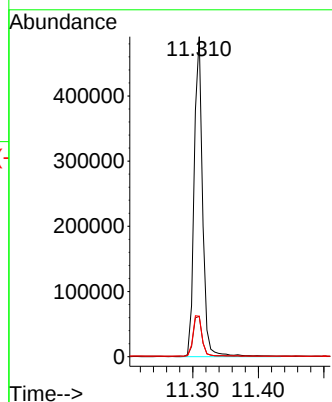
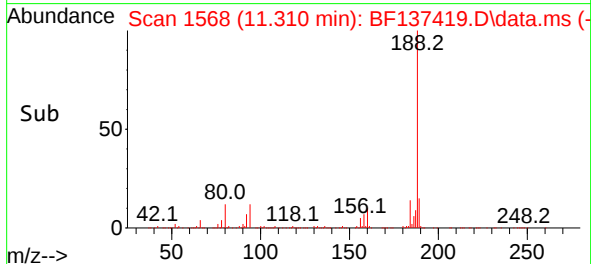
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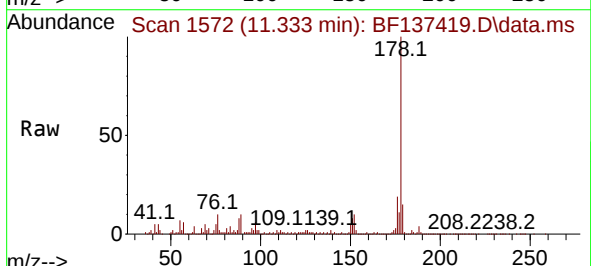
Tgt Ion:188 Resp: 439385
Ion Ratio Lower Upper
188 100
94 12.6 10.2 15.2
80 12.7 10.7 16.1

Manual Integrations
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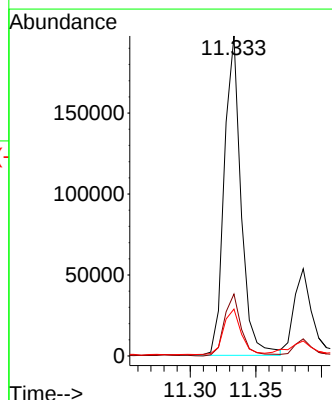
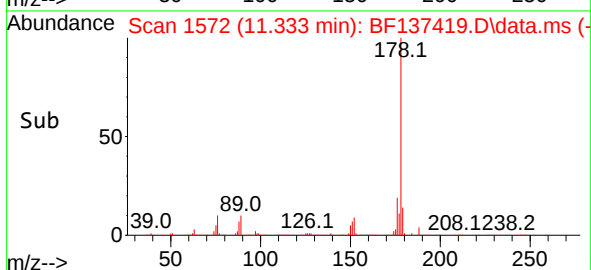
Reviewed By :Jagrut Upadhyay 02/28/2024
Supervised By :mohammad ahmed 02/29/2024

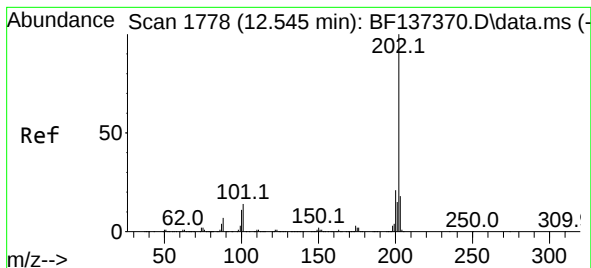


#71
Phenanthrene
Concen: 7.253 ng
RT: 11.333 min Scan# 1572
Delta R.T. -0.018 min
Lab File: BF137419.D
Acq: 27 Feb 2024 22:09



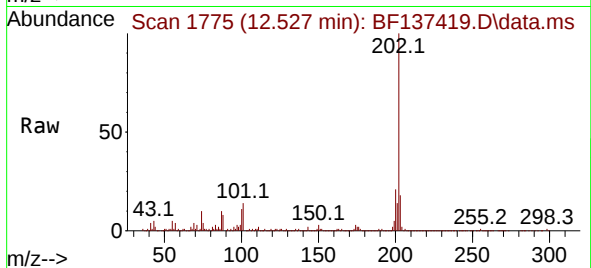
Tgt Ion:178 Resp: 175820
Ion Ratio Lower Upper
178 100
176 19.3 16.2 24.4
179 14.6 12.7 19.1





#75
Fluoranthene
Concen: 13.435 ng
RT: 12.527 min Scan# 1775
Delta R.T. -0.018 min
Lab File: BF137419.D
Acq: 27 Feb 2024 22:09

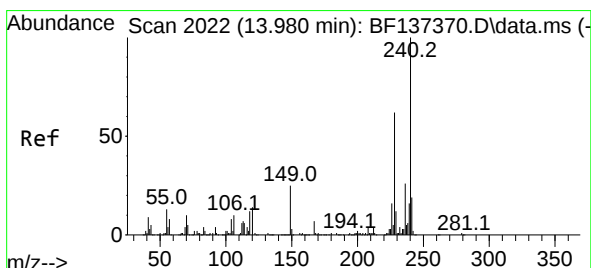
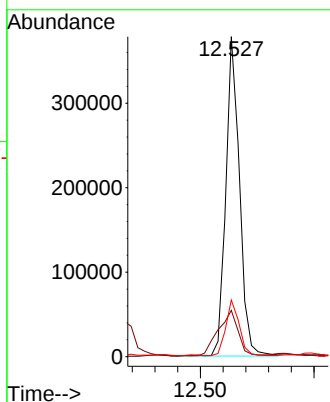
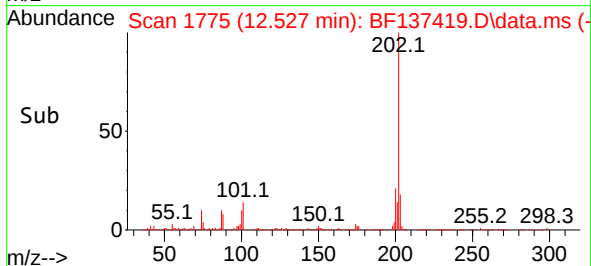
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Tgt Ion:202 Resp: 317918
Ion Ratio Lower Upper
202 100
101 14.5 0.0 33.9
203 17.7 0.0 37.8

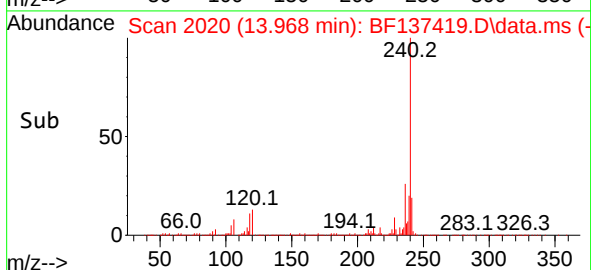
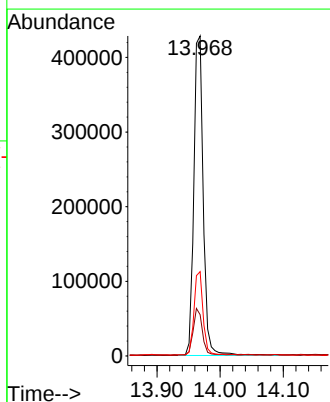
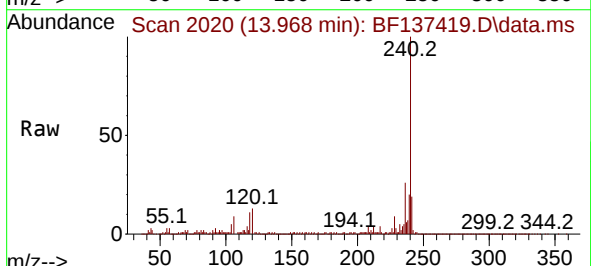
Manual Integrations
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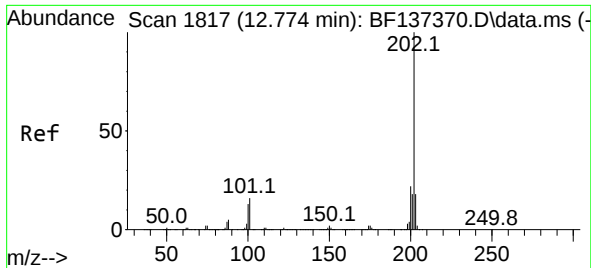
Reviewed By :Jagrut Upadhyay 02/28/2024
Supervised By :mohammad ahmed 02/29/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.012 min
Lab File: BF137419.D
Acq: 27 Feb 2024 22:09

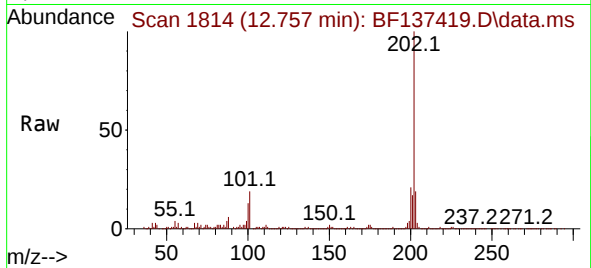
Tgt Ion:240 Resp: 444108
Ion Ratio Lower Upper
240 100
120 12.9 11.3 16.9
236 26.4 20.5 30.7





#78
Pyrene
Concen: 7.203 ng
RT: 12.757 min Scan# 1814
Delta R.T. -0.018 min
Lab File: BF137419.D
Acq: 27 Feb 2024 22:09

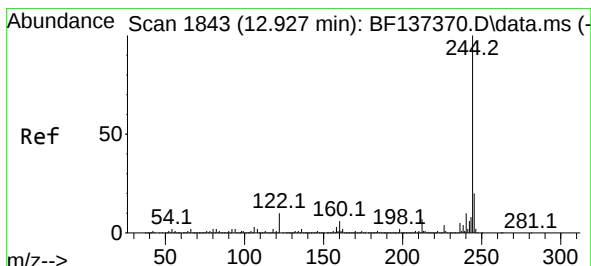
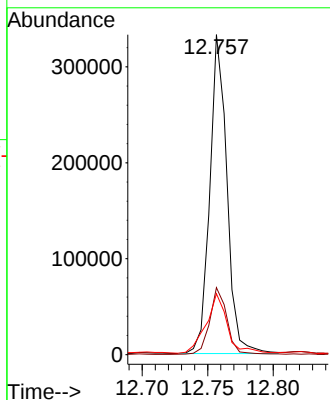
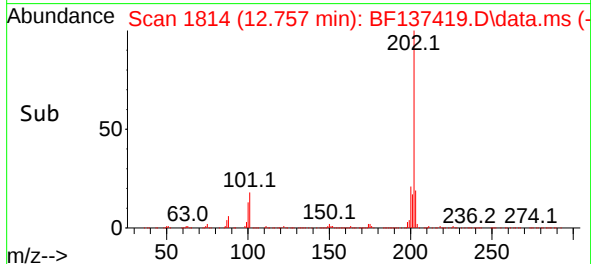
Instrument :
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Tgt Ion:202 Resp: 302480
Ion Ratio Lower Upper
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200 21.0 17.4 26.2
203 19.1 14.2 21.2

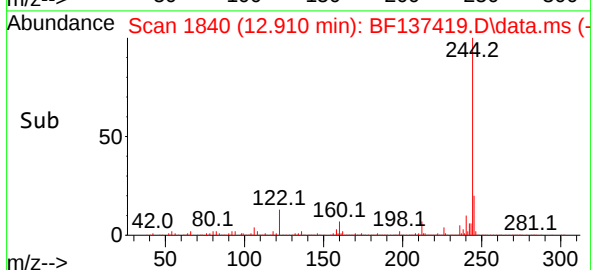
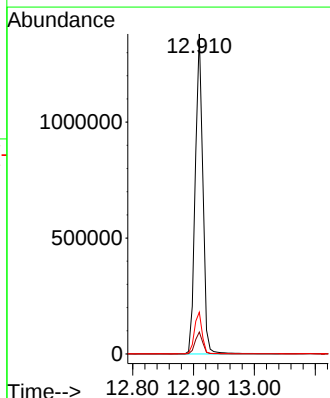
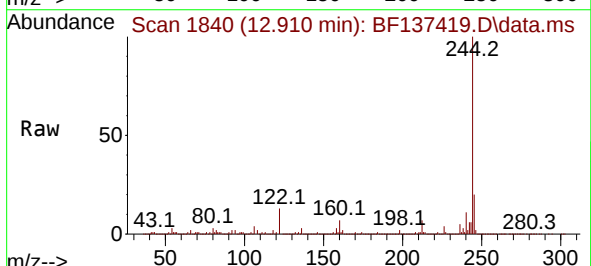
Manual Integrations
APPROVED

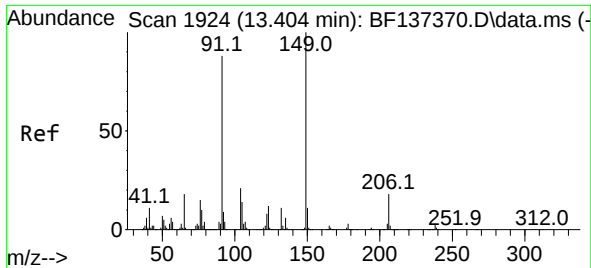
Reviewed By :Jagrut Upadhyay 02/28/2024
Supervised By :mohammad ahmed 02/29/2024



#79
Terphenyl-d14
Concen: 37.574 ng
RT: 12.910 min Scan# 1840
Delta R.T. -0.018 min
Lab File: BF137419.D
Acq: 27 Feb 2024 22:09

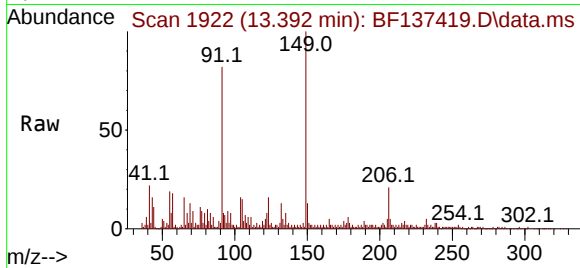
Tgt Ion:244 Resp: 1193038
Ion Ratio Lower Upper
244 100
212 6.9 5.3 7.9
122 13.0 8.2 12.4





#80
Butylbenzylphthalate
Concen: 15.132 ng
RT: 13.392 min Scan# 1924
Delta R.T. -0.012 min
Lab File: BF137419.D
Acq: 27 Feb 2024 22:09

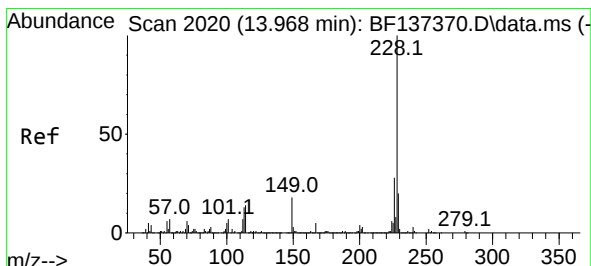
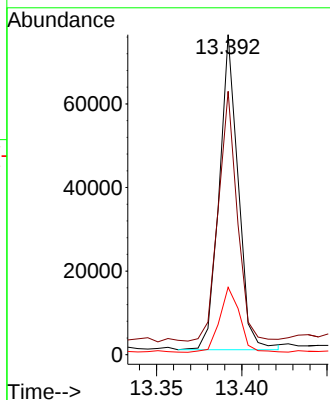
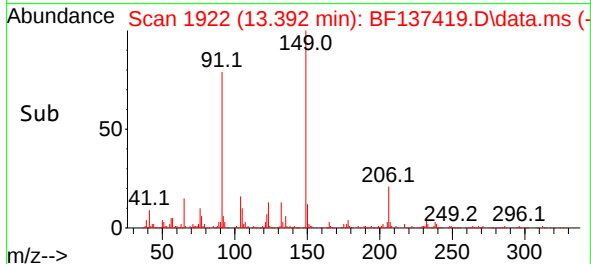
Instrument :
BNA_F
ClientSampleId :
AU-06-02232024



Tgt Ion:149 Resp: 58470
Ion Ratio Lower Upper
149 100
91 82.3 70.5 105.7
206 21.1 14.8 22.2

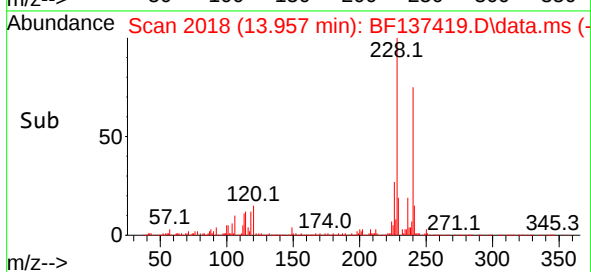
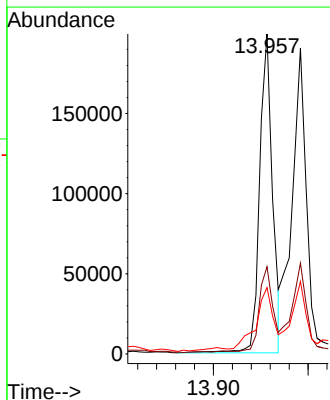
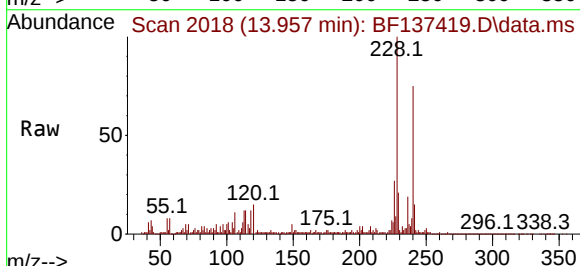
Manual Integrations
APPROVED

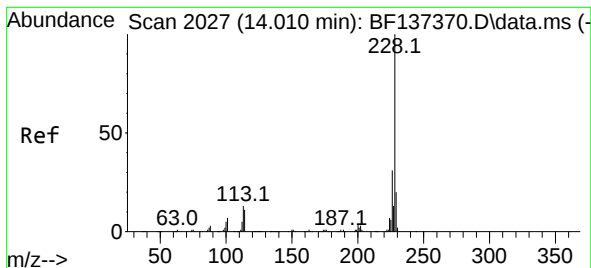
Reviewed By :Jagrut Upadhyay 02/28/2024
Supervised By :mohammad ahmed 02/29/2024



#81
Benzo(a)anthracene
Concen: 6.081 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.012 min
Lab File: BF137419.D
Acq: 27 Feb 2024 22:09

Tgt Ion:228 Resp: 187413
Ion Ratio Lower Upper
228 100
226 27.3 22.1 33.1
229 20.7 15.7 23.5





#83

Chrysene

Concen: 6.268 ng m

RT: 13.992 min Scan# 2018

Delta R.T. -0.018 min

Lab File: BF137419.D

Acq: 27 Feb 2024 22:09

Instrument :

BNA_F

ClientSampleId :

AU-06-02232024

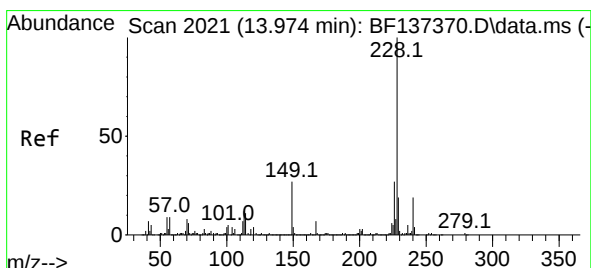
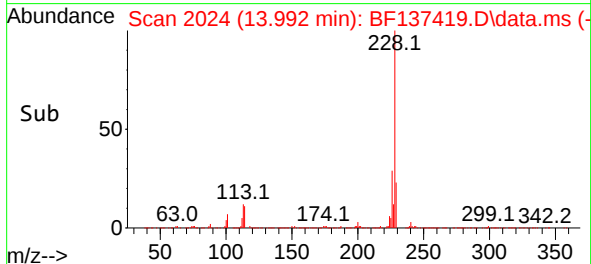
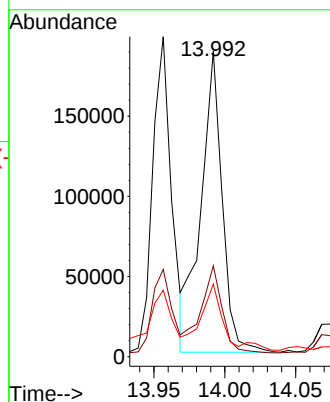
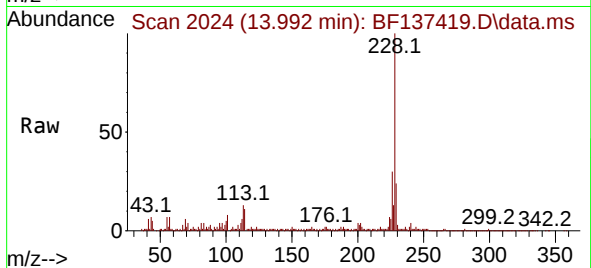
Tgt Ion:228 Resp: 197309

Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.6	37.0
229	23.7	15.8	23.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/28/2024
Supervised By :mohammad ahmed 02/29/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 5.699 ng

RT: 13.957 min Scan# 2018

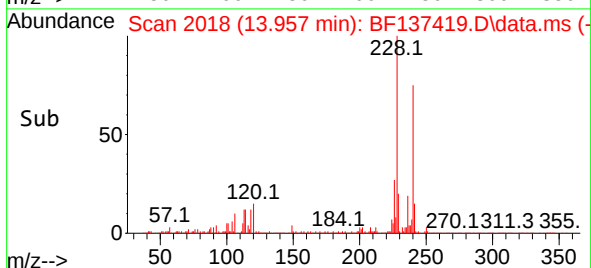
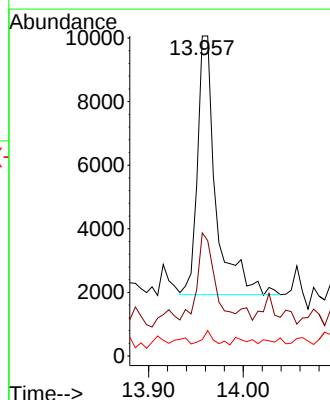
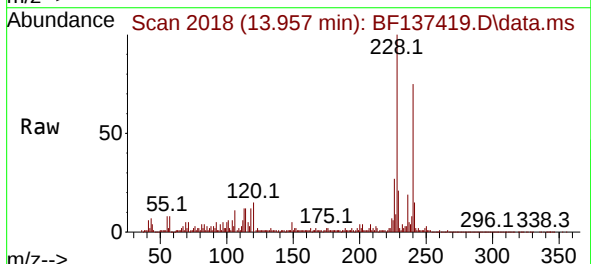
Delta R.T. -0.017 min

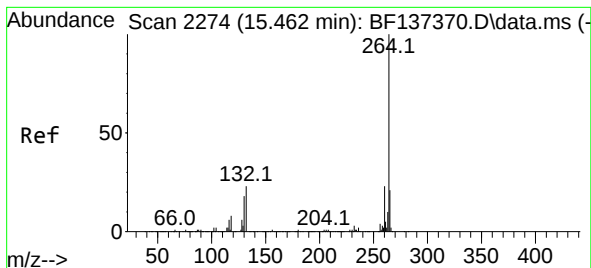
Lab File: BF137419.D

Acq: 27 Feb 2024 22:09

Tgt Ion:149 Resp: 11091

Ion	Ratio	Lower	Upper
149	100		
167	38.4	20.6	31.0#
279	5.1	2.7	4.1#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.451 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF137419.D

Acq: 27 Feb 2024 22:09

Instrument :

BNA_F

ClientSampleId :

AU-06-02232024

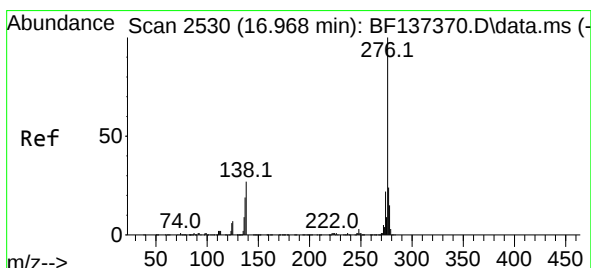
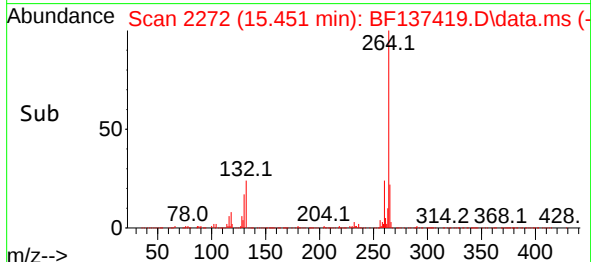
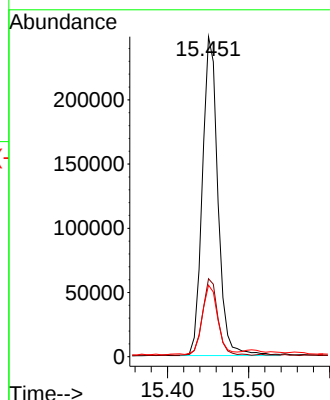
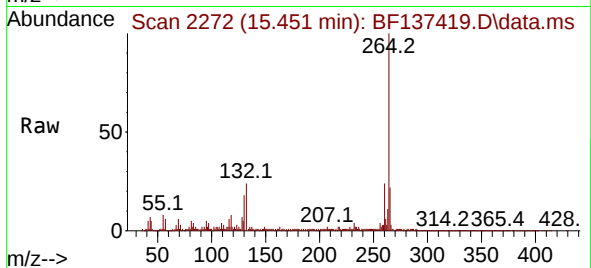
Tgt Ion:264 Resp: 330124

Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.5	27.7
265	22.3	16.9	25.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/28/2024
Supervised By :mohammad ahmed 02/29/2024



#87

Indeno(1,2,3-cd)pyrene

Concen: 3.801 ng

RT: 16.951 min Scan# 2527

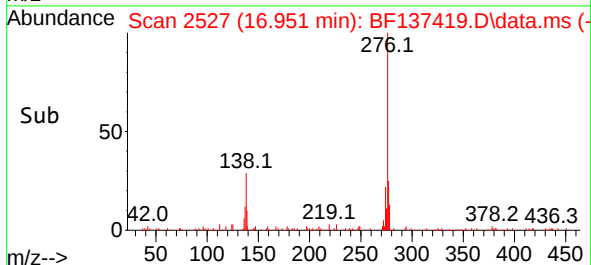
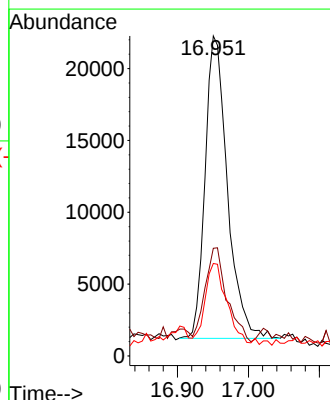
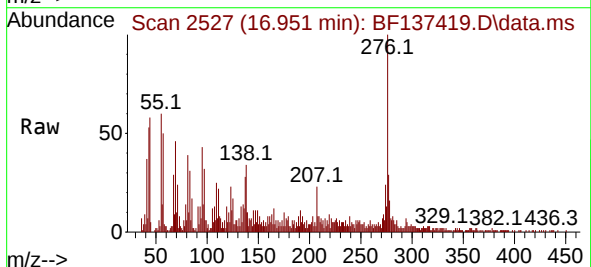
Delta R.T. -0.017 min

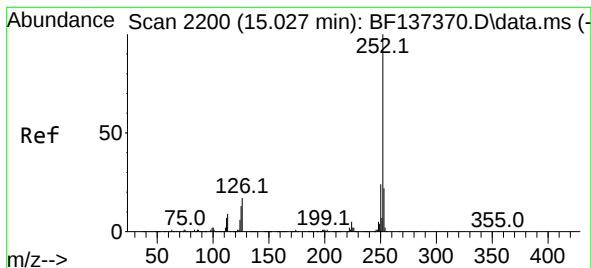
Lab File: BF137419.D

Acq: 27 Feb 2024 22:09

Tgt Ion:276 Resp: 45908

Ion	Ratio	Lower	Upper
276	100		
138	30.4	25.8	38.8
277	24.9	19.6	29.4





#88

Benzo(b)fluoranthene

Concen: 8.462 ng m

RT: 15.015 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF137419.D

Acq: 27 Feb 2024 22:09

Instrument :

BNA_F

ClientSampleId :

AU-06-02232024

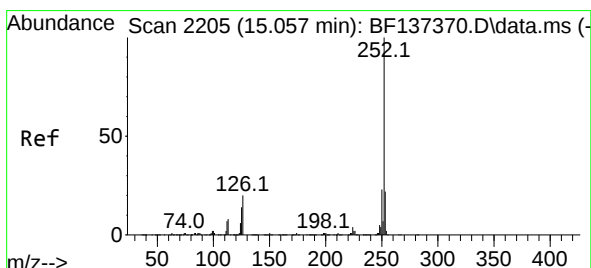
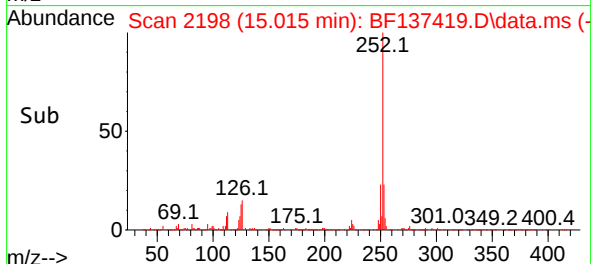
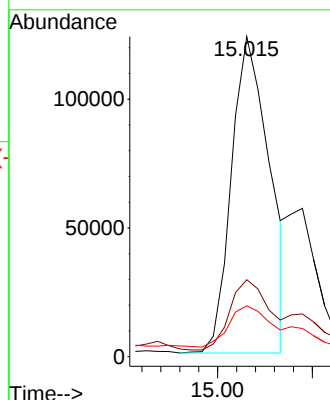
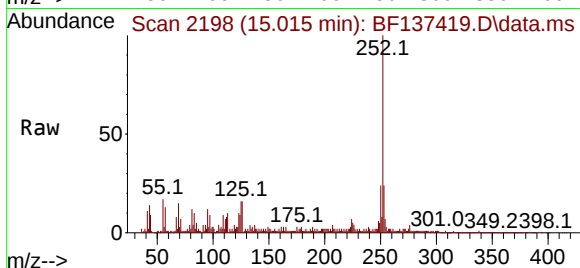
Tgt Ion:252 Resp: 17137

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.4	26.2
125	15.9	10.2	15.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/28/2024
Supervised By :mohammad ahmed 02/29/2024



#89

Benzo(k)fluoranthene

Concen: 2.912 ng m

RT: 15.045 min Scan# 2203

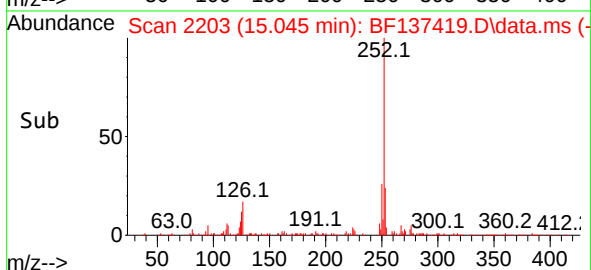
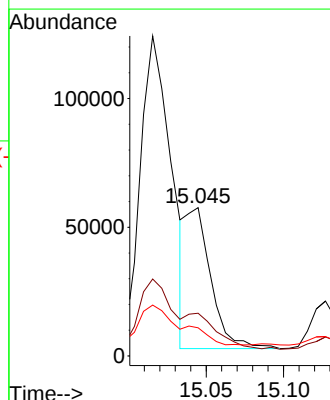
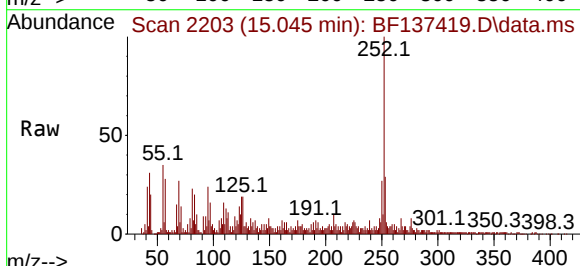
Delta R.T. -0.012 min

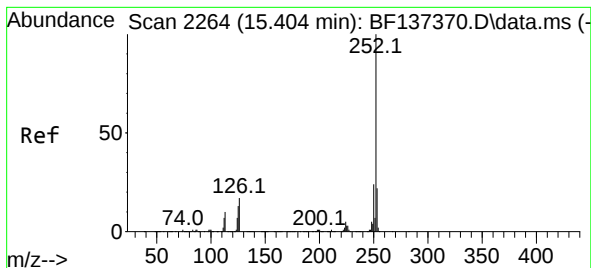
Lab File: BF137419.D

Acq: 27 Feb 2024 22:09

Tgt Ion:252 Resp: 61814

Ion	Ratio	Lower	Upper
252	100		
253	28.8	17.3	25.9#
125	18.9	10.7	16.1#





#90

Benzo(a)pyrene

Concen: 5.959 ng

RT: 15.386 min Scan# 21

Delta R.T. -0.018 min

Lab File: BF137419.D

Acq: 27 Feb 2024 22:09

Instrument :

BNA_F

ClientSampleId :

AU-06-02232024

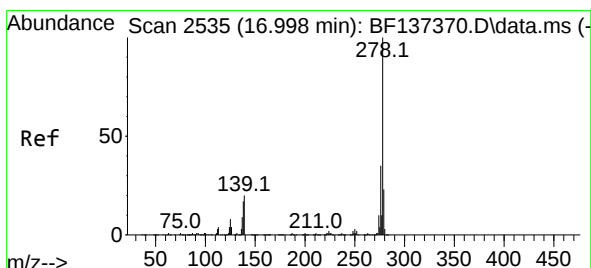
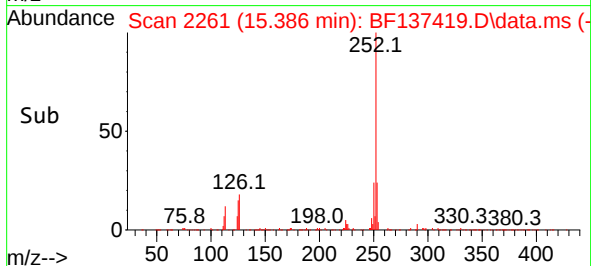
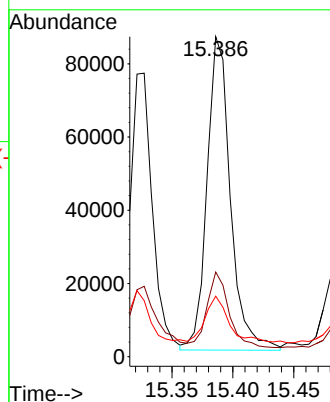
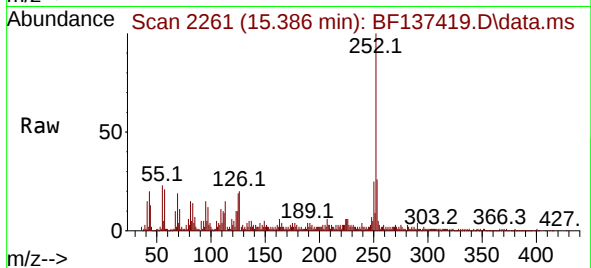
Tgt Ion:252 Resp: 114470

Ion	Ratio	Lower	Upper
252	100		
253	26.5	17.3	25.9
125	18.9	10.6	16.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/28/2024
Supervised By :mohammad ahmed 02/29/2024



#91

Dibenzo(a,h)anthracene

Concen: 2.200 ng

RT: 16.974 min Scan# 2531

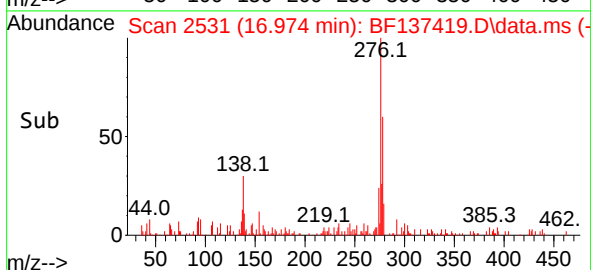
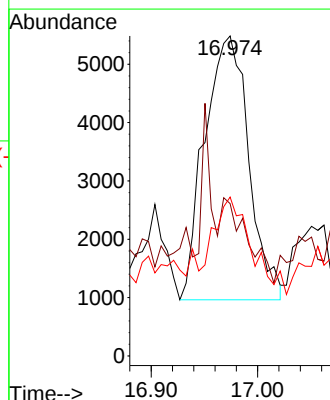
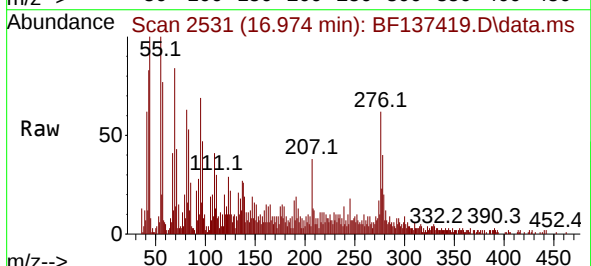
Delta R.T. -0.024 min

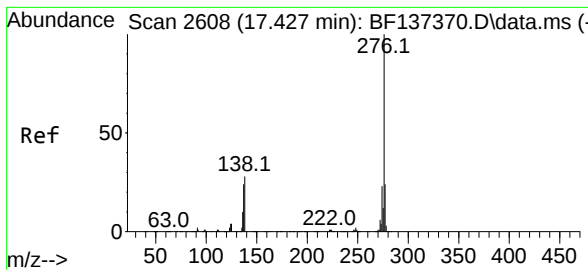
Lab File: BF137419.D

Acq: 27 Feb 2024 22:09

Tgt Ion:278 Resp: 13017

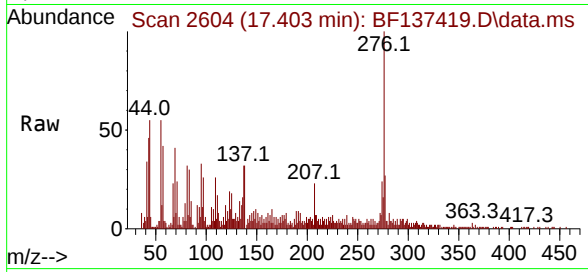
Ion	Ratio	Lower	Upper
278	100		
139	47.6	16.2	24.4
279	49.7	18.5	27.7





#92
 Benzo(g,h,i)perylene
 Concen: 4.626 ng
 RT: 17.403 min Scan# 20
 Delta R.T. -0.024 min
 Lab File: BF137419.D
 Acq: 27 Feb 2024 22:09

Instrument :
 BNA_F
 ClientSampleId :
 AU-06-02232024



Tgt Ion: 276 Resp: 5173

Ion	Ratio	Lower	Upper
276	100		
277	26.5	19.0	28.4
138	32.1	22.6	33.8

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 02/28/2024
 Supervised By :mohammad ahmed 02/29/2024

