

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032924\
 Data File : BM044822.D
 Acq On : 29 Mar 2024 19:27
 Operator : MA/JU
 Sample : P1883-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DOMINICK-STREET

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/30/2024
 Supervised By :mohammad ahmed 03/30/2024

Quant Time: Mar 29 23:22:55 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 29 01:24:21 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.669	152	159294	20.000	ng	0.00
21) Naphthalene-d8	10.446	136	635209	20.000	ng	-0.01
39) Acenaphthene-d10	14.316	164	322414	20.000	ng	0.00
64) Phenanthrene-d10	17.069	188	496854	20.000	ng	-0.01
76) Chrysene-d12	21.274	240	378863	20.000	ng	0.00
86) Perylene-d12	23.509	264	452998	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.281	112	770236	69.251	ng	0.00
7) Phenol-d6	6.852	99	1015062	70.358	ng	0.00
23) Nitrobenzene-d5	8.828	82	628171	44.581	ng	-0.01
42) 2,4,6-Tribromophenol	15.816	330	227274	64.508	ng	0.00
45) 2-Fluorobiphenyl	12.934	172	1127058	44.772	ng	0.00
79) Terphenyl-d14	19.716	244	914922	40.926	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.116	178	462643	16.690	ng	100
72) Anthracene	17.204	178	121834	4.352	ng	99
75) Fluoranthene	19.139	202	910272	32.899	ng	99
78) Pyrene	19.504	202	999244	33.099	ng	100
81) Benzo(a)anthracene	21.257	228	496413	18.797	ng	99
83) Chrysene	21.310	228	428081	16.913	ng	96
84) Bis(2-ethylhexyl)phtha...	21.204	149	145039	9.691	ng	# 97
87) Indeno(1,2,3-cd)pyrene	25.762	276	220771	6.416	ng	95
88) Benzo(b)fluoranthene	22.845	252	463977m	18.075	ng	
89) Benzo(k)fluoranthene	22.880	252	166829m	6.472	ng	
90) Benzo(a)pyrene	23.409	252	369378	14.179	ng	95
91) Dibenzo(a,h)anthracene	25.774	278	61729	2.166	ng	# 89
92) Benzo(g,h,i)perylene	26.450	276	210413	7.096	ng	99

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

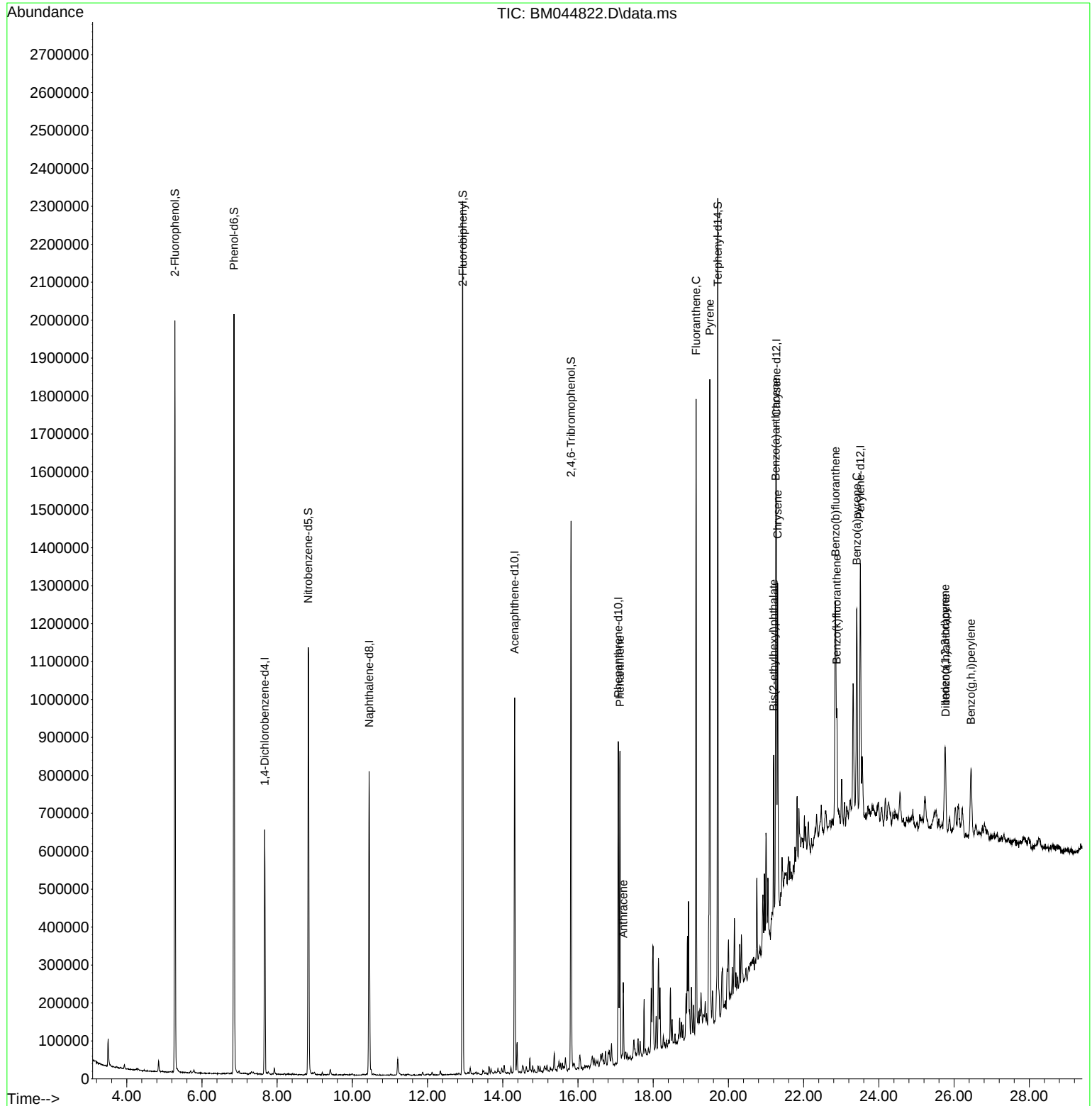
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032924\
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ALS Vial : 7 Sample Multiplier: 1

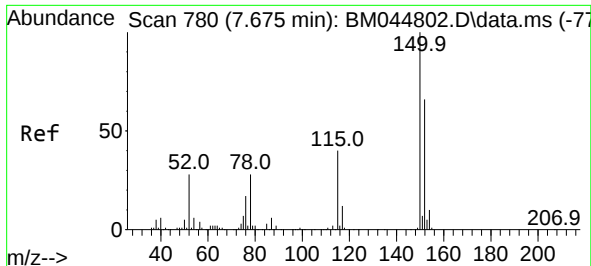
Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032824.M
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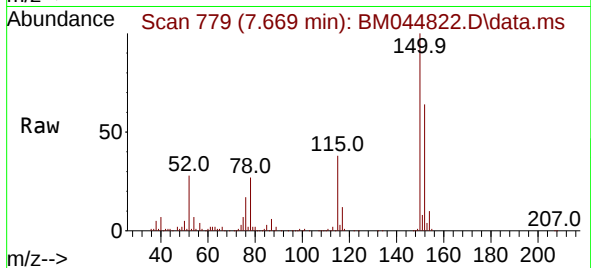
Reviewed By :Yogesh Patel 03/30/2024
Supervised By :mohammad ahmed 03/30/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.669 min Scan# 71
Delta R.T. -0.006 min
Lab File: BM044822.D
Acq: 29 Mar 2024 19:27

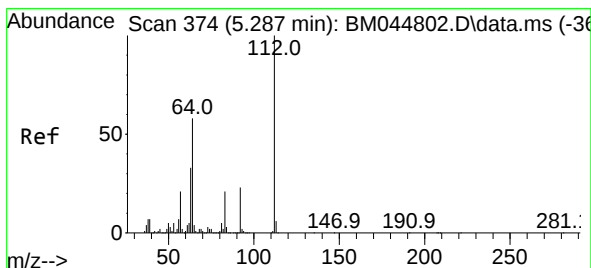
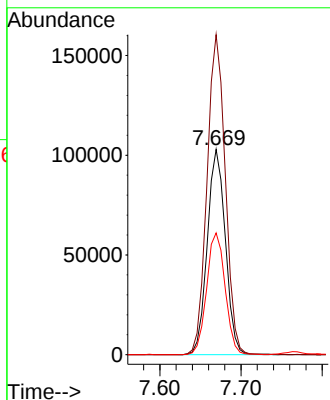
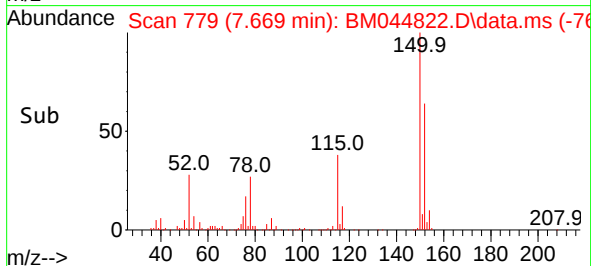
Instrument :
BNA_M
ClientSampleId :
DOMINICK-STREET



Tgt Ion:152 Resp: 159294
Ion Ratio Lower Upper
152 100
150 155.9 121.0 181.6
115 59.4 48.3 72.5

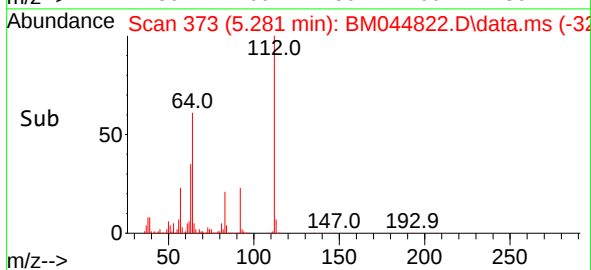
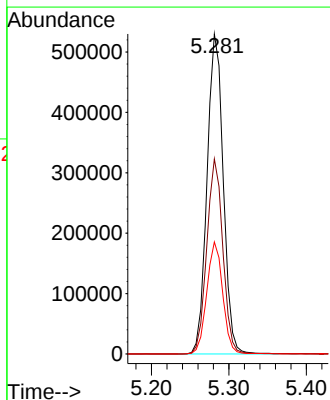
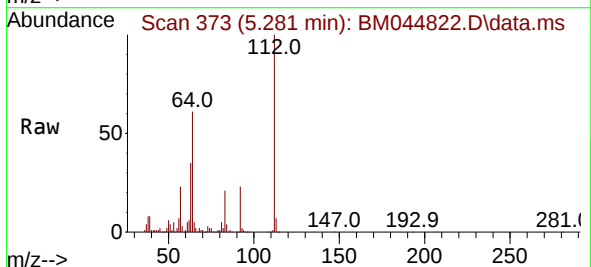
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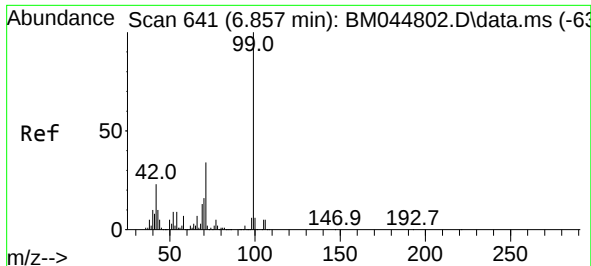
Reviewed By :Yogesh Patel 03/30/2024
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#5
2-Fluorophenol
Concen: 69.251 ng
RT: 5.281 min Scan# 373
Delta R.T. -0.005 min
Lab File: BM044822.D
Acq: 29 Mar 2024 19:27

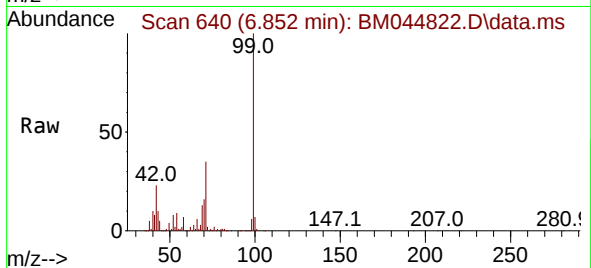
Tgt Ion:112 Resp: 770236
Ion Ratio Lower Upper
112 100
64 61.0 46.4 69.6
63 35.0 26.2 39.4





#7
Phenol-d6
Concen: 70.358 ng
RT: 6.852 min Scan# 641
Delta R.T. -0.005 min
Lab File: BM044822.D
Acq: 29 Mar 2024 19:27

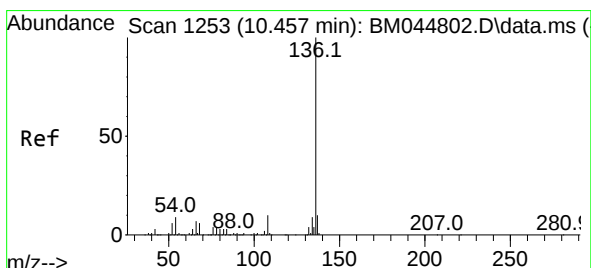
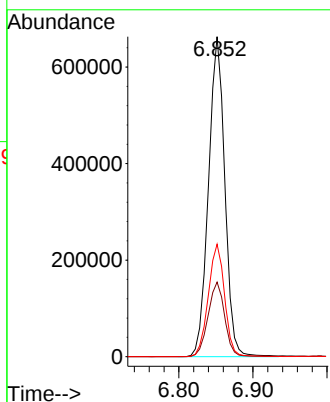
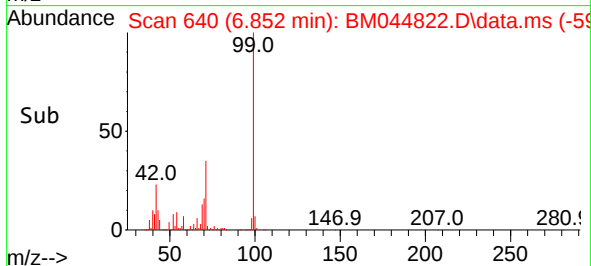
Instrument :
BNA_M
ClientSampleId :
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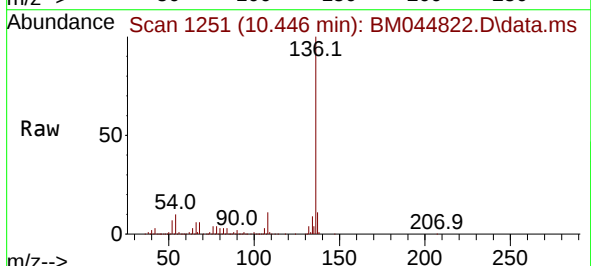
Tgt Ion: 99 Resp: 1015062
Ion Ratio Lower Upper
99 100
42 23.3 18.2 27.4
71 35.2 27.3 40.9

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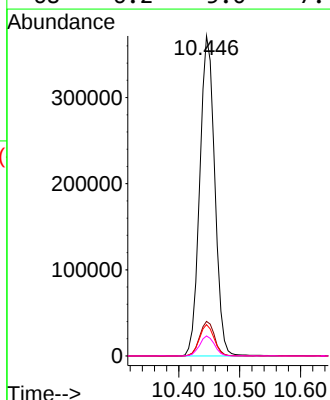
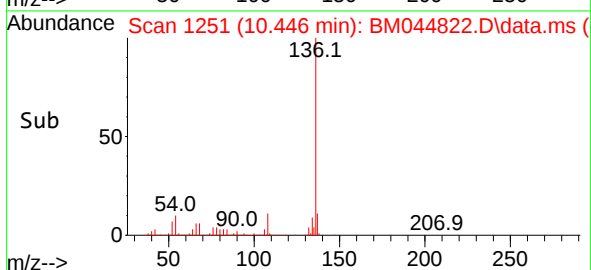
Reviewed By :Yogesh Patel 03/30/2024
Supervised By :mohammad ahmed 03/30/2024

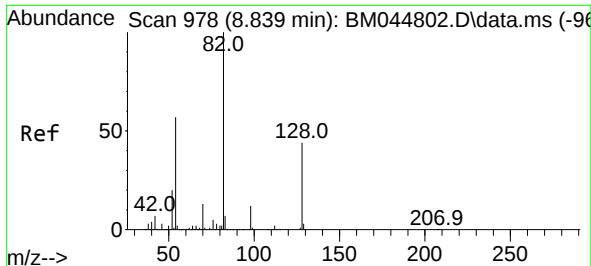


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.446 min Scan# 1251
Delta R.T. -0.011 min
Lab File: BM044822.D
Acq: 29 Mar 2024 19:27



Tgt Ion:136 Resp: 635209
Ion Ratio Lower Upper
136 100
137 10.8 8.4 12.6
54 9.8 7.3 10.9
68 6.2 5.0 7.4





#23

Nitrobenzene-d5

Concen: 44.581 ng

RT: 8.828 min Scan# 91

Delta R.T. -0.011 min

Lab File: BM044822.D

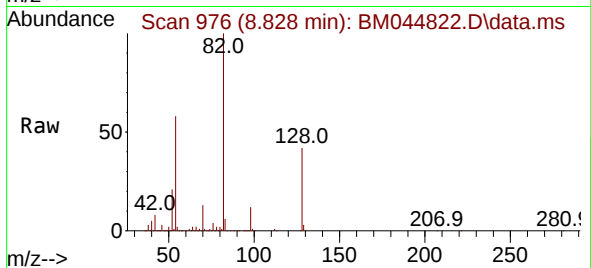
Acq: 29 Mar 2024 19:27

Instrument :

BNA_M

ClientSampleId :

DOMINICK-STREET



Tgt Ion: 82 Resp: 62817

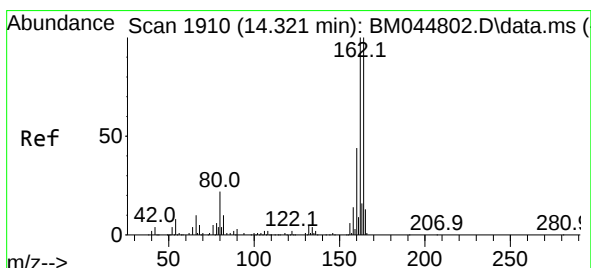
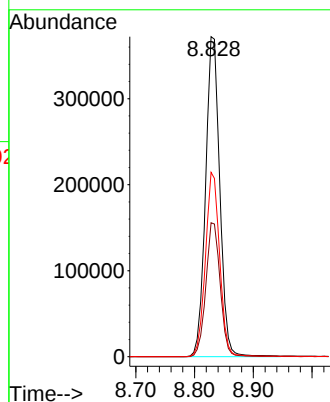
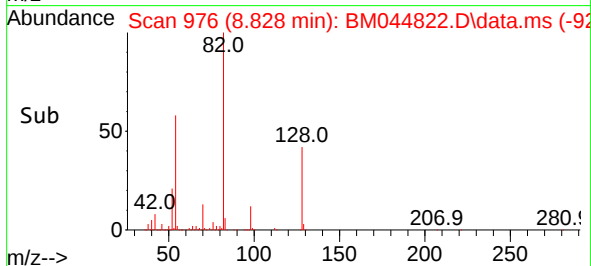
Ion	Ratio	Lower	Upper
82	100		
128	41.8	34.8	52.2
54	57.6	45.4	68.0

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.316 min Scan# 1909

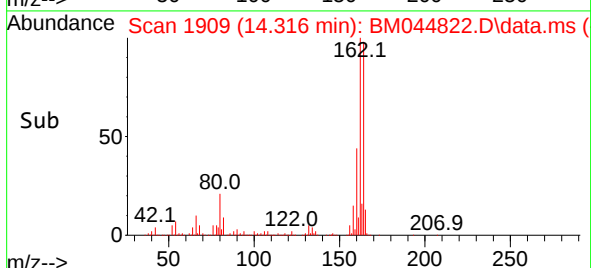
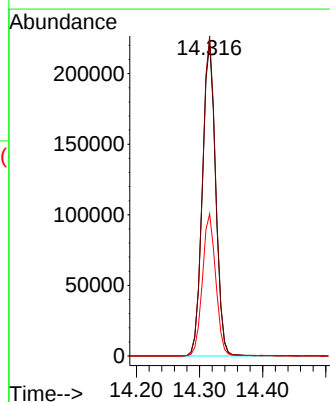
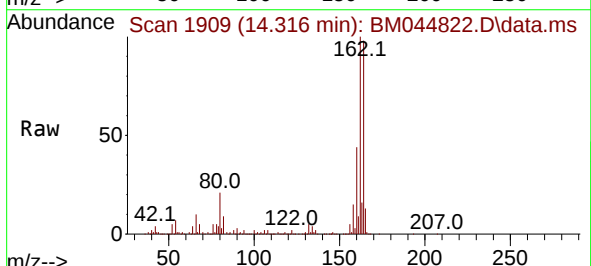
Delta R.T. -0.005 min

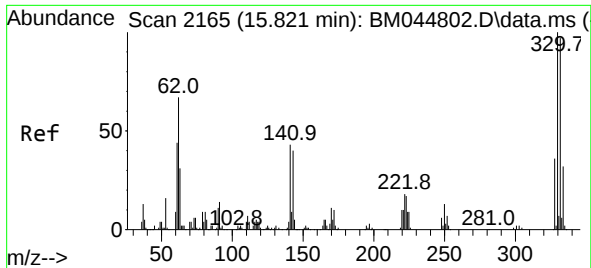
Lab File: BM044822.D

Acq: 29 Mar 2024 19:27

Tgt Ion:164 Resp: 322414

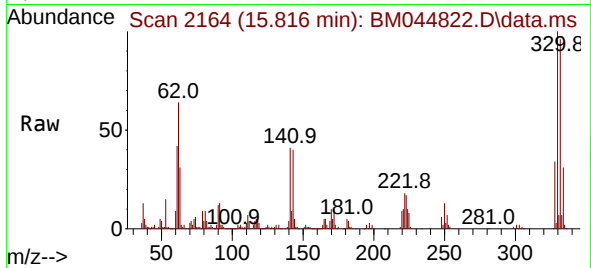
Ion	Ratio	Lower	Upper
164	100		
162	102.4	80.2	120.4
160	45.5	35.4	53.2





#42
2,4,6-Tribromophenol
Concen: 64.508 ng
RT: 15.816 min Scan# 2164
Delta R.T. -0.005 min
Lab File: BM044822.D
Acq: 29 Mar 2024 19:27

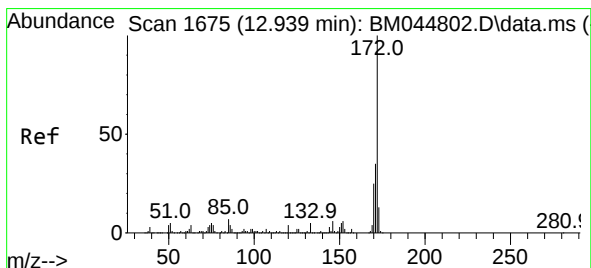
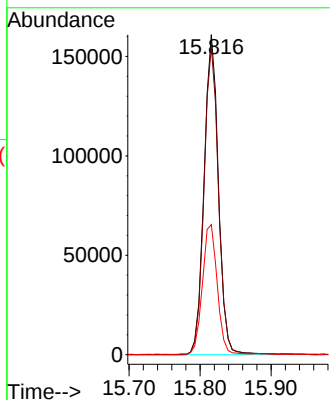
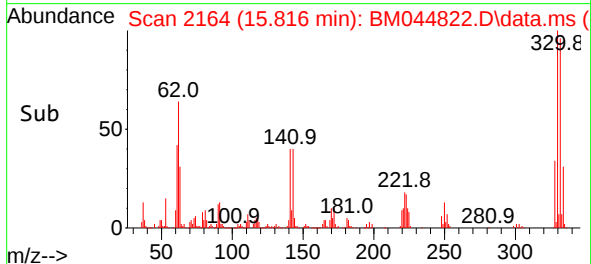
Instrument :
BNA_M
ClientSampleId :
DOMINICK-STREET



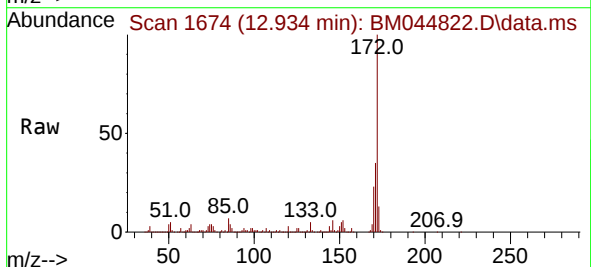
Tgt Ion:330 Resp: 227274
Ion Ratio Lower Upper
330 100
332 96.6 77.0 115.4
141 41.6 34.1 51.1

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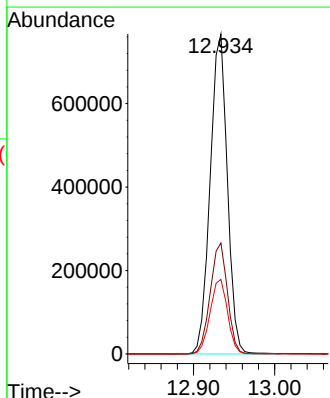
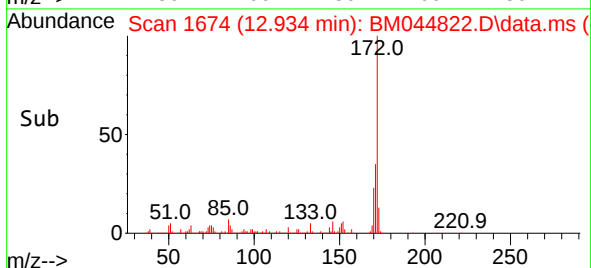
Reviewed By :Yogesh Patel 03/30/2024
Supervised By :mohammad ahmed 03/30/2024

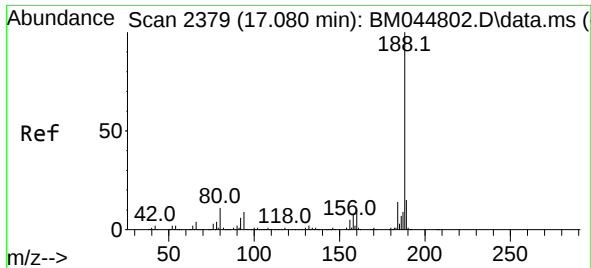


#45
2-Fluorobiphenyl
Concen: 44.772 ng
RT: 12.934 min Scan# 1674
Delta R.T. -0.005 min
Lab File: BM044822.D
Acq: 29 Mar 2024 19:27



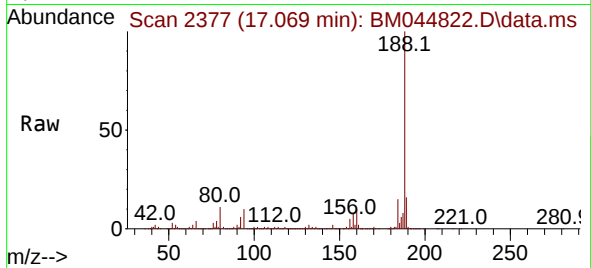
Tgt Ion:172 Resp: 1127058
Ion Ratio Lower Upper
172 100
171 34.7 27.8 41.8
170 23.3 19.8 29.6





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.069 min Scan# 21
Delta R.T. -0.011 min
Lab File: BM044822.D
Acq: 29 Mar 2024 19:27

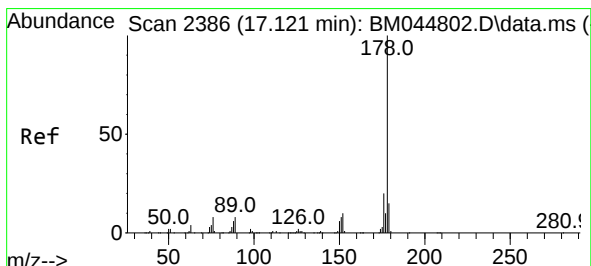
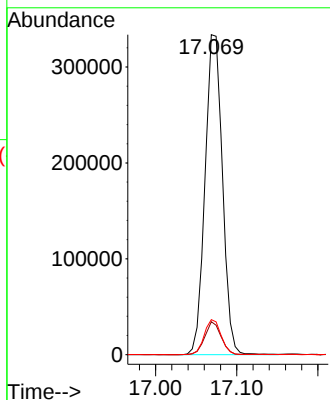
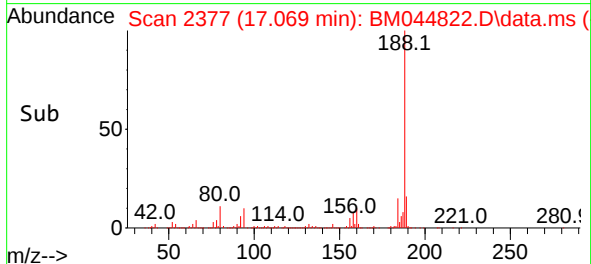
Instrument :
BNA_M
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Tgt Ion:188 Resp: 496854
Ion Ratio Lower Upper
188 100
94 10.3 7.4 11.0
80 10.9 8.6 12.8

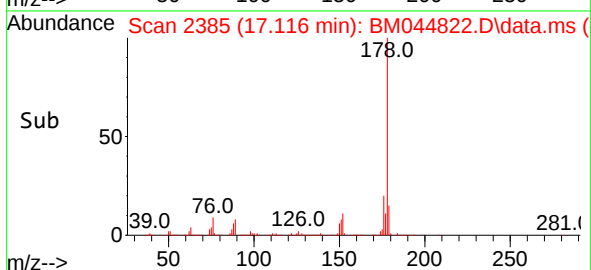
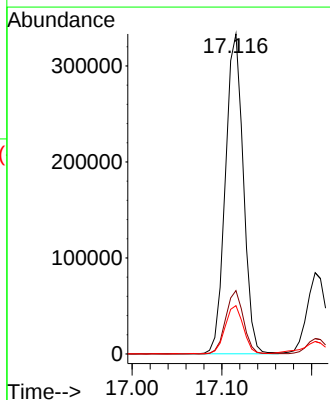
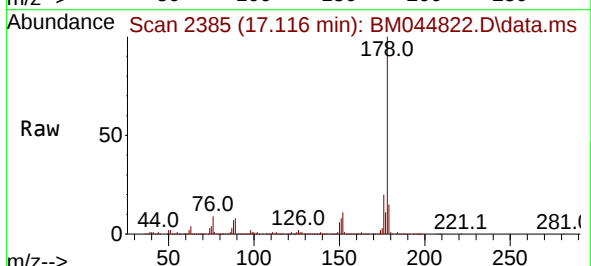
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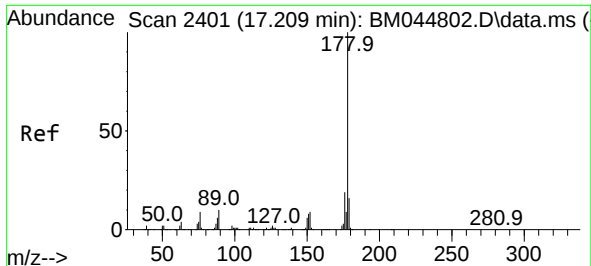
Reviewed By :Yogesh Patel 03/30/2024
Supervised By :mohammad ahmed 03/30/2024



#71
Phenanthrene
Concen: 16.690 ng
RT: 17.116 min Scan# 2385
Delta R.T. -0.005 min
Lab File: BM044822.D
Acq: 29 Mar 2024 19:27

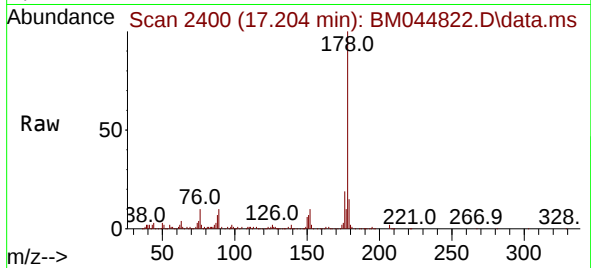
Tgt Ion:178 Resp: 462643
Ion Ratio Lower Upper
178 100
176 19.8 16.0 24.0
179 15.1 12.2 18.2





#72
 Anthracene
 Concen: 4.352 ng
 RT: 17.204 min Scan# 2401
 Delta R.T. -0.005 min
 Lab File: BM044822.D
 Acq: 29 Mar 2024 19:27

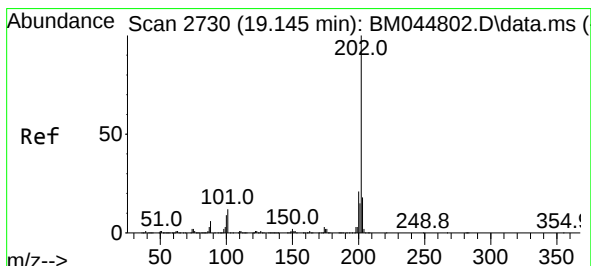
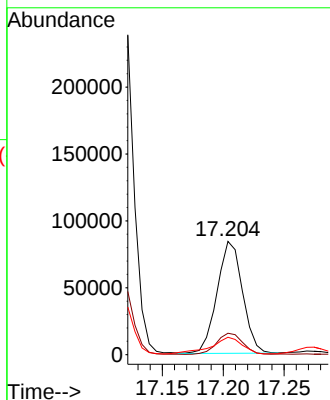
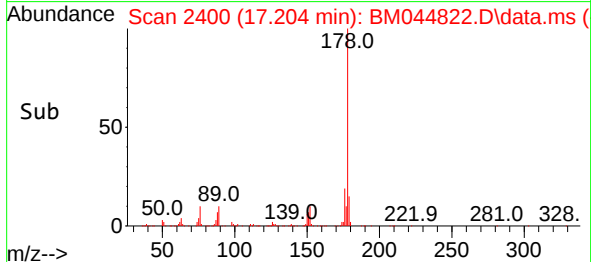
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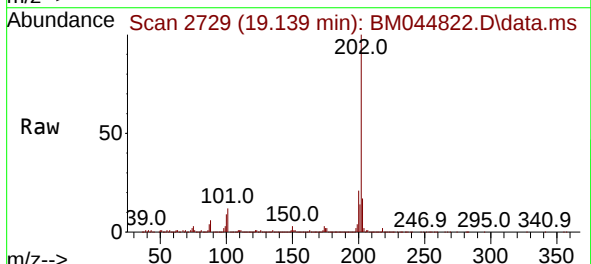
Tgt Ion:178 Resp: 121834
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.4 23.0
 179 15.4 12.8 19.2

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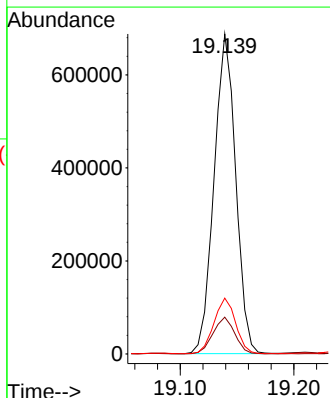
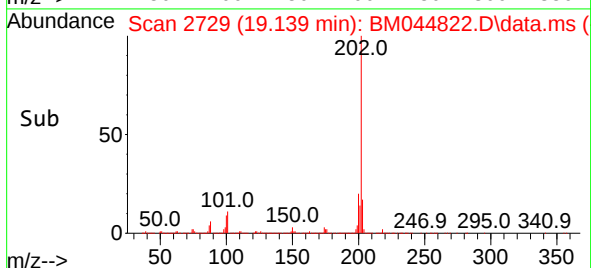
Reviewed By :Yogesh Patel 03/30/2024
 Supervised By :mohammad ahmed 03/30/2024

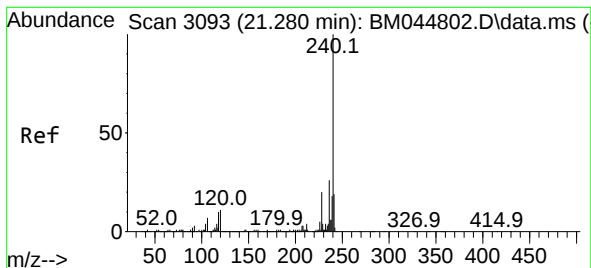


#75
 Fluoranthene
 Concen: 32.899 ng
 RT: 19.139 min Scan# 2729
 Delta R.T. -0.005 min
 Lab File: BM044822.D
 Acq: 29 Mar 2024 19:27



Tgt Ion:202 Resp: 910272
 Ion Ratio Lower Upper
 202 100
 101 11.5 0.0 32.2
 203 17.4 0.0 37.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.274 min Scan# 3093

Delta R.T. -0.005 min

Lab File: BM044822.D

Acq: 29 Mar 2024 19:27

Instrument :

BNA_M

ClientSampleId :

DOMINICK-STREET

Tgt Ion:240 Resp: 37886

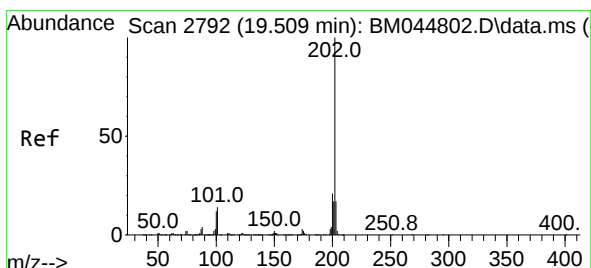
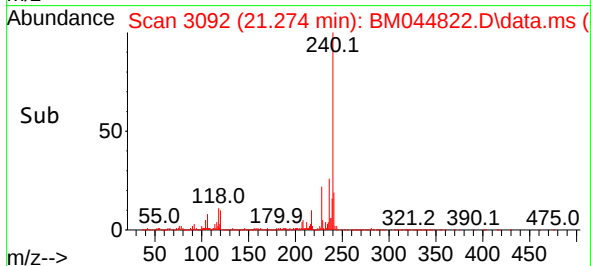
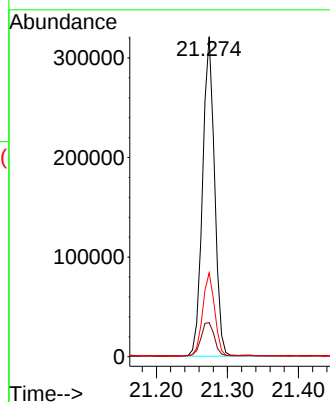
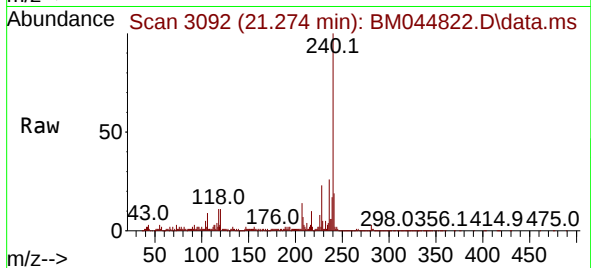
Ion	Ratio	Lower	Upper
240	100		
120	10.7	8.6	12.8
236	26.2	20.8	31.2

Manual Integrations

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#78

Pyrene

Concen: 33.099 ng

RT: 19.504 min Scan# 2791

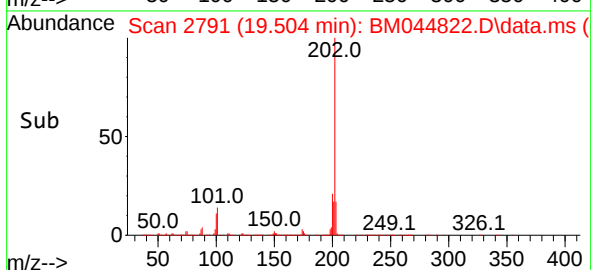
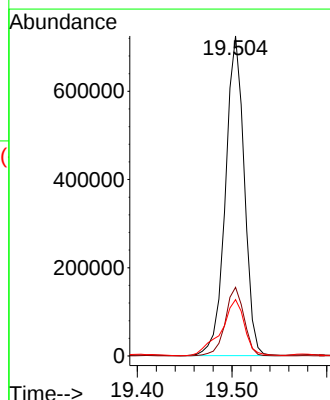
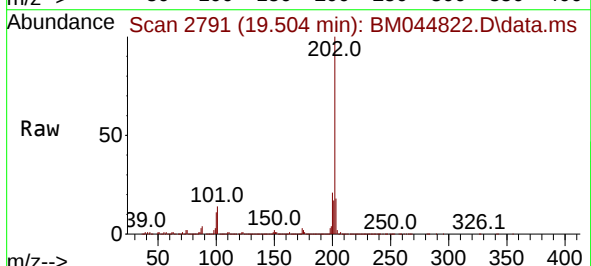
Delta R.T. -0.005 min

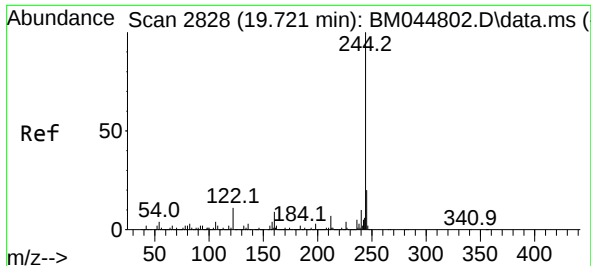
Lab File: BM044822.D

Acq: 29 Mar 2024 19:27

Tgt Ion:202 Resp: 999244

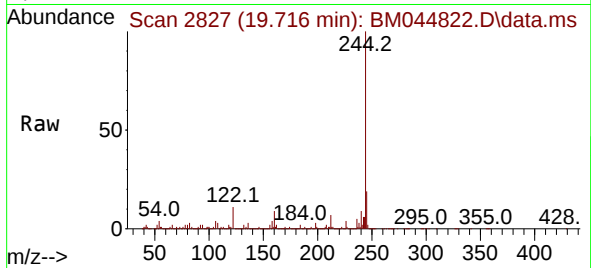
Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.0	25.4
203	17.6	13.9	20.9





#79
 Terphenyl-d14
 Concen: 40.926 ng
 RT: 19.716 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BM044822.D
 Acq: 29 Mar 2024 19:27

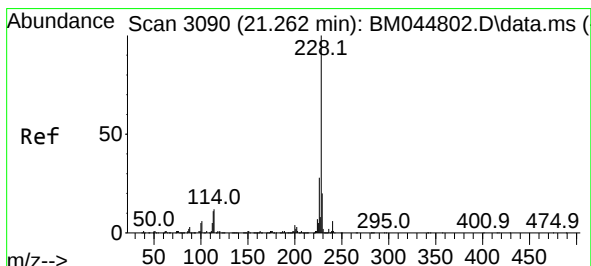
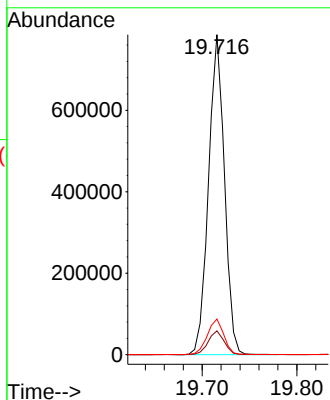
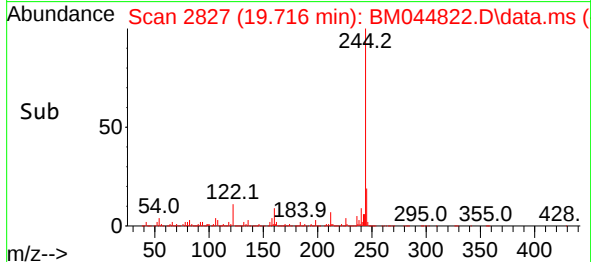
Instrument :
 BNA_M
 ClientSampleId :
 DOMINICK-STREET



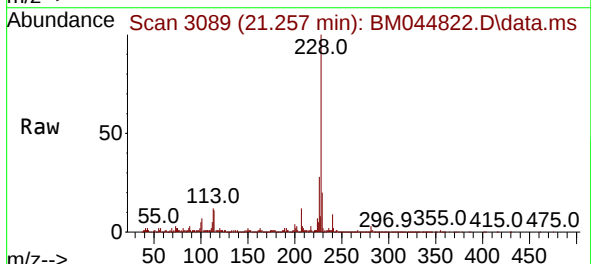
Tgt Ion:244 Resp: 91492
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.8 8.8
 122 11.1 8.8 13.2

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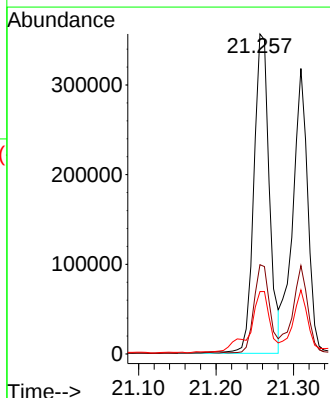
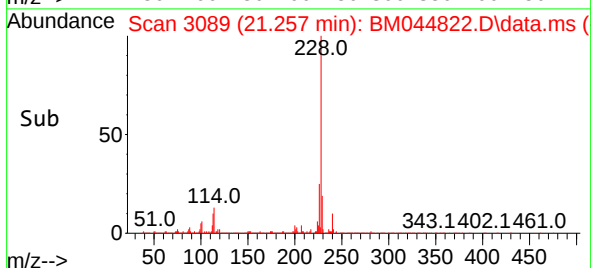
Reviewed By :Yogesh Patel 03/30/2024
 Supervised By :mohammad ahmed 03/30/2024

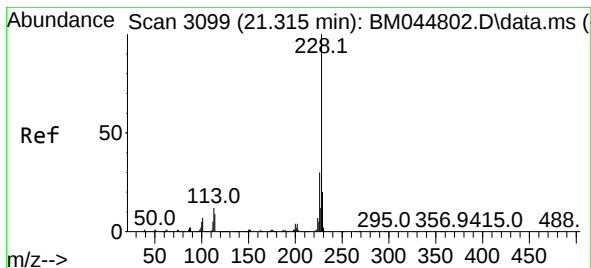


#81
 Benzo(a)anthracene
 Concen: 18.797 ng
 RT: 21.257 min Scan# 3089
 Delta R.T. -0.005 min
 Lab File: BM044822.D
 Acq: 29 Mar 2024 19:27



Tgt Ion:228 Resp: 496413
 Ion Ratio Lower Upper
 228 100
 226 27.9 22.1 33.1
 229 19.5 15.8 23.8





#83

Chrysene

Concen: 16.913 ng

RT: 21.310 min Scan# 3099

Delta R.T. -0.005 min

Lab File: BM044822.D

Acq: 29 Mar 2024 19:27

Instrument :

BNA_M

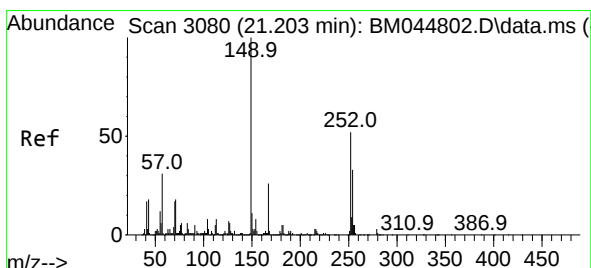
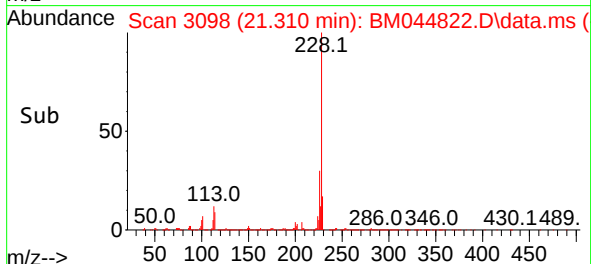
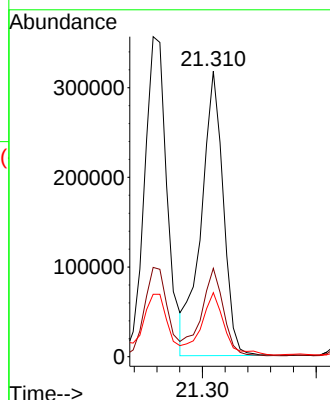
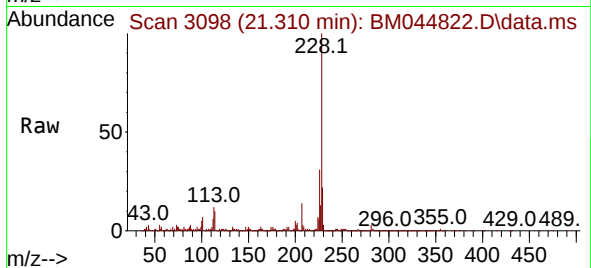
ClientSampleId :

DOMINICK-STREET

Tgt Ion:228 Resp: 428083
 Ion Ratio Lower Upper
 228 100
 226 31.0 23.7 35.5
 229 22.4 15.7 23.5

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Reviewed By :Yogesh Patel 03/30/2024
 Supervised By :mohammad ahmed 03/30/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 9.691 ng

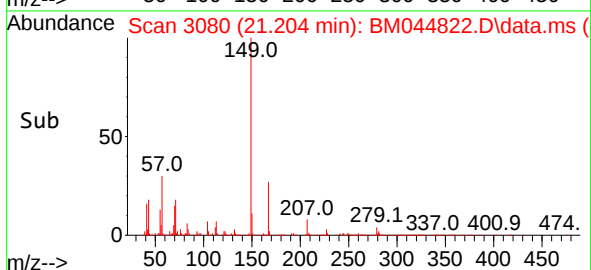
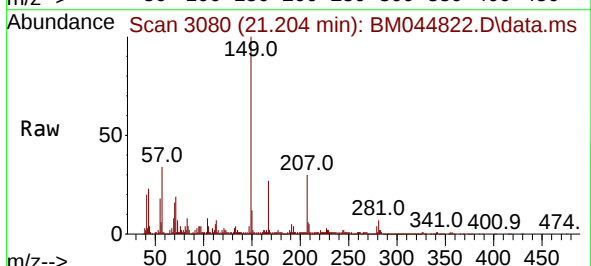
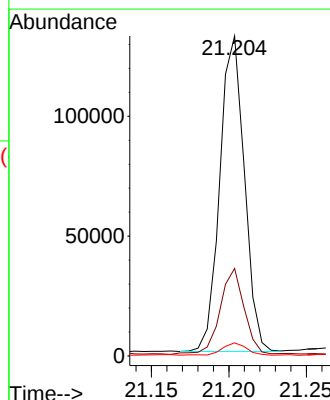
RT: 21.204 min Scan# 3080

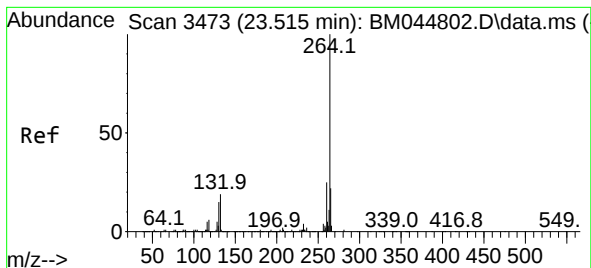
Delta R.T. 0.000 min

Lab File: BM044822.D

Acq: 29 Mar 2024 19:27

Tgt Ion:149 Resp: 145039
 Ion Ratio Lower Upper
 149 100
 167 27.4 20.5 30.7
 279 4.1 2.7 4.1#





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.509 min Scan# 34

Delta R.T. -0.005 min

Lab File: BM044822.D

Acq: 29 Mar 2024 19:27

Instrument :

BNA_M

ClientSampleId :

DOMINICK-STREET

Tgt Ion:264 Resp: 452998

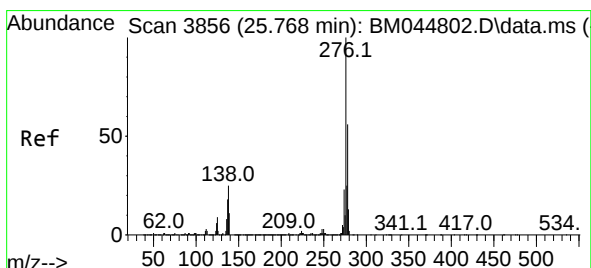
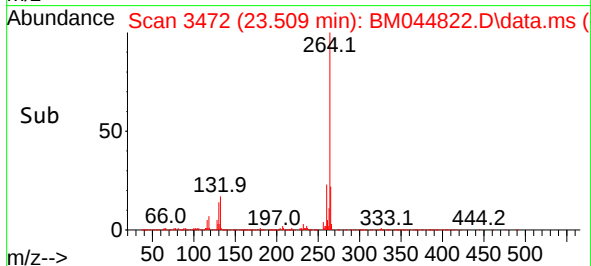
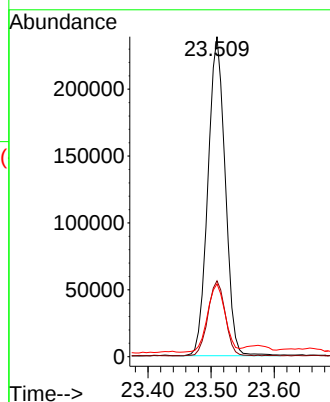
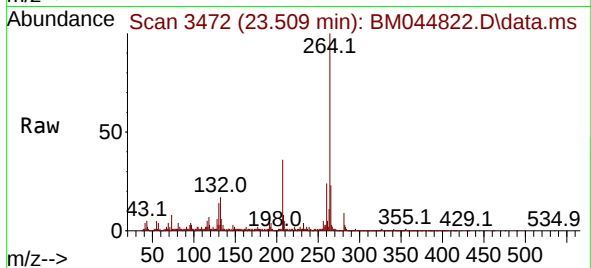
Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.7	29.5
265	22.8	18.9	28.3

Manual Integrations

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Reviewed By :Yogesh Patel 03/30/2024

Supervised By :mohammad ahmed 03/30/2024



#87

Indeno(1,2,3-cd)pyrene

Concen: 6.416 ng

RT: 25.762 min Scan# 3855

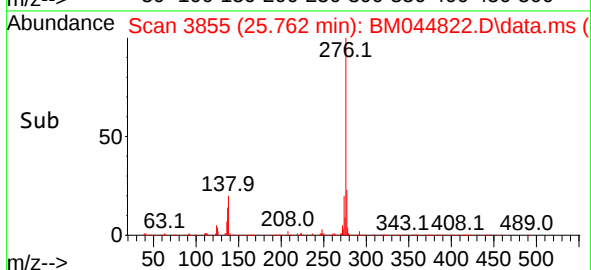
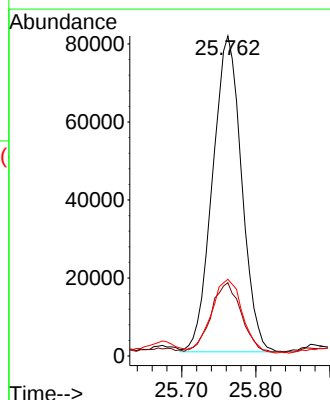
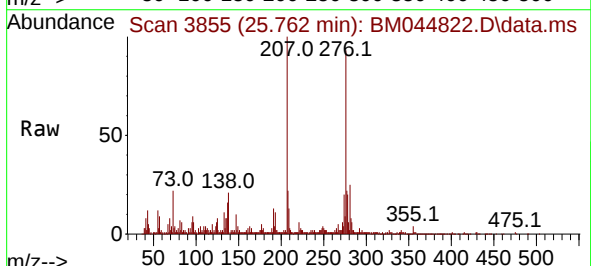
Delta R.T. -0.005 min

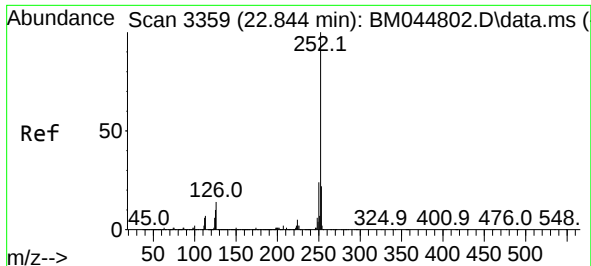
Lab File: BM044822.D

Acq: 29 Mar 2024 19:27

Tgt Ion:276 Resp: 220771

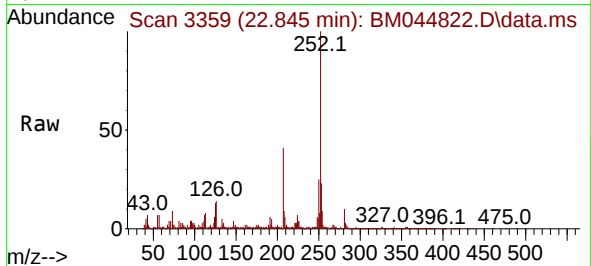
Ion	Ratio	Lower	Upper
276	100		
138	23.4	22.2	33.2
277	24.9	20.2	30.4





#88
Benzo(b)fluoranthene
Concen: 18.075 ng m
RT: 22.845 min Scan# 3359
Delta R.T. 0.000 min
Lab File: BM044822.D
Acq: 29 Mar 2024 19:27

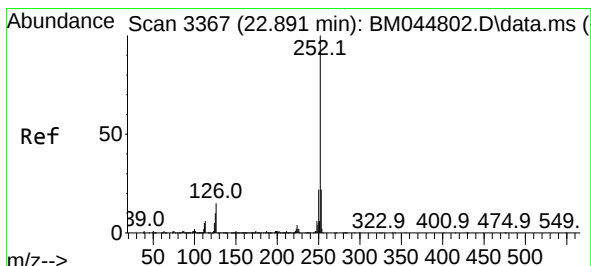
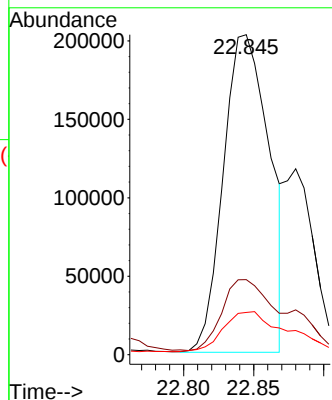
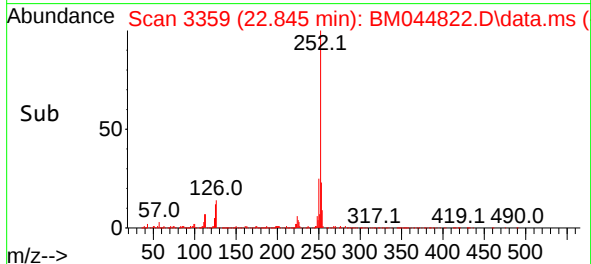
Instrument :
BNA_M
ClientSampleId :
DOMINICK-STREET



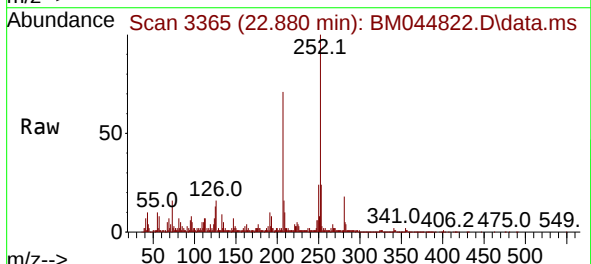
Tgt Ion:252 Resp: 46397
Ion Ratio Lower Upper
252 100
253 23.5 17.5 26.3
125 13.2 8.6 12.8

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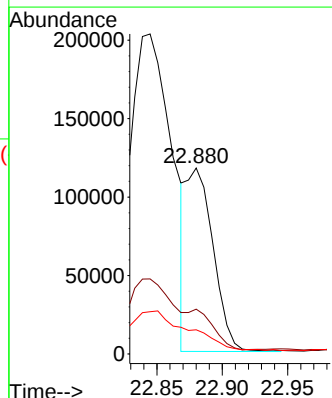
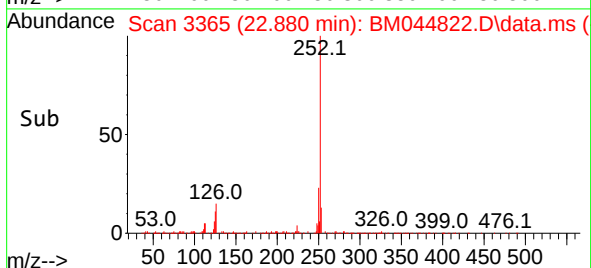
Reviewed By :Yogesh Patel 03/30/2024
Supervised By :mohammad ahmed 03/30/2024

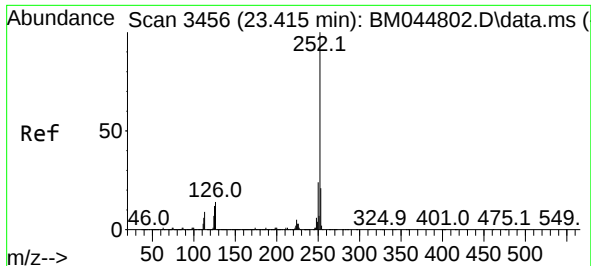


#89
Benzo(k)fluoranthene
Concen: 6.472 ng m
RT: 22.880 min Scan# 3365
Delta R.T. -0.011 min
Lab File: BM044822.D
Acq: 29 Mar 2024 19:27



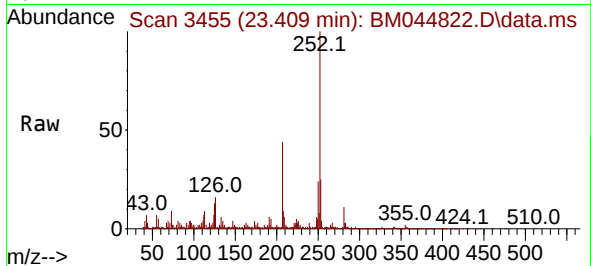
Tgt Ion:252 Resp: 166829
Ion Ratio Lower Upper
252 100
253 24.1 17.7 26.5
125 13.0 8.3 12.5





#90
Benzo(a)pyrene
Concen: 14.179 ng
RT: 23.409 min Scan# 3456
Delta R.T. -0.005 min
Lab File: BM044822.D
Acq: 29 Mar 2024 19:27

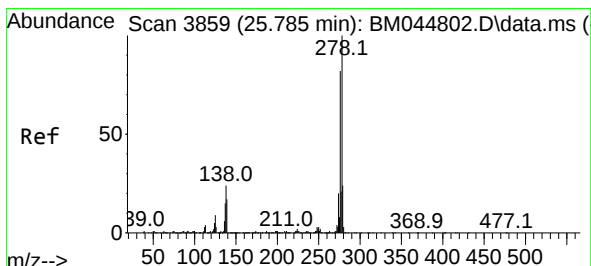
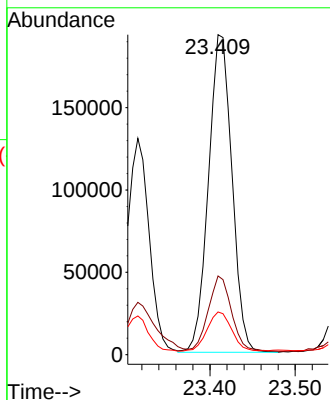
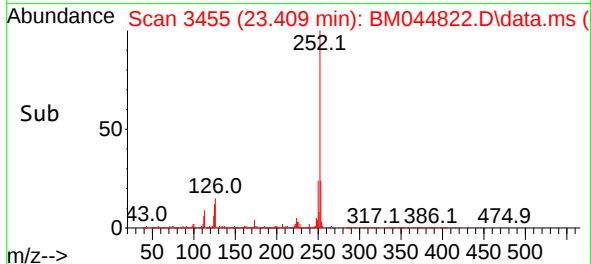
Instrument :
BNA_M
ClientSampleId :
DOMINICK-STREET



Tgt Ion:252 Resp: 369378
Ion Ratio Lower Upper
252 100
253 24.6 17.3 25.9
125 13.3 9.8 14.8

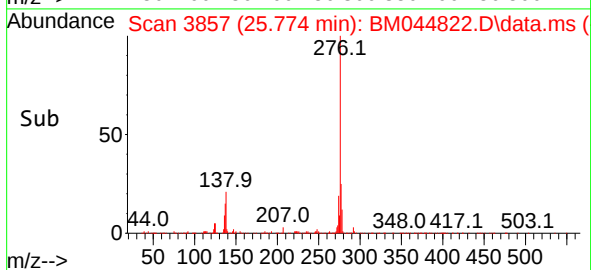
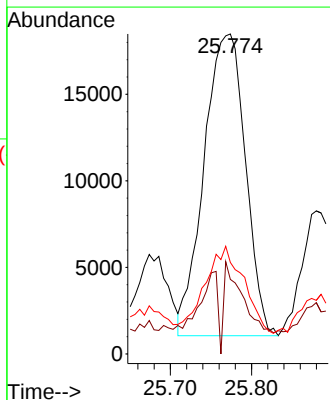
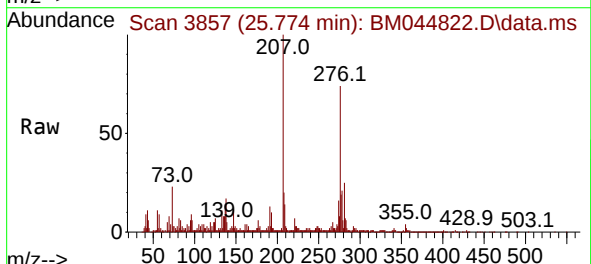
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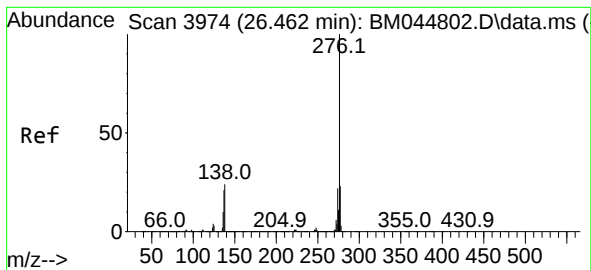
Reviewed By :Yogesh Patel 03/30/2024
Supervised By :mohammad ahmed 03/30/2024



#91
Dibenzo(a,h)anthracene
Concen: 2.166 ng
RT: 25.774 min Scan# 3857
Delta R.T. -0.011 min
Lab File: BM044822.D
Acq: 29 Mar 2024 19:27

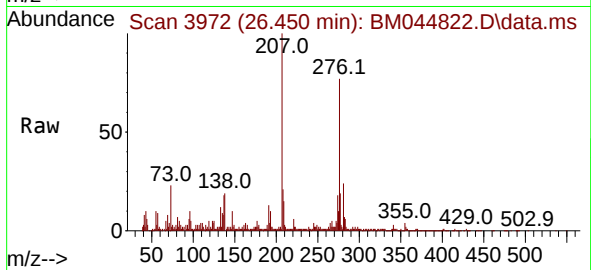
Tgt Ion:278 Resp: 61729
Ion Ratio Lower Upper
278 100
139 23.3 13.6 20.4#
279 28.6 19.6 29.4





#92
Benzo(g,h,i)perylene
Concen: 7.096 ng
RT: 26.450 min Scan# 3972
Delta R.T. -0.011 min
Lab File: BM044822.D
Acq: 29 Mar 2024 19:27

Instrument :
BNA_M
ClientSampleId :
DOMINICK-STREET



Tgt Ion:276 Resp: 21041
Ion Ratio Lower Upper
276 100
277 24.5 18.6 28.0
138 24.2 19.2 28.8

Manual Integrations
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Reviewed By :Yogesh Patel 03/30/2024
Supervised By :mohammad ahmed 03/30/2024

