

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031424\
 Data File : BN030395.D
 Acq On : 14 Mar 2024 13:33
 Operator : MA/JU
 Sample : P1716-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SP-201-20240307

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 03/14/2024
 Supervised By :mohammad ahmed 03/16/2024

Quant Time: Mar 14 14:05:44 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 14 11:36:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.645	152	1633	0.400	ng	0.00
7) Naphthalene-d8	10.423	136	3618	0.400	ng	0.00
13) Acenaphthene-d10	14.287	164	2407	0.400	ng	0.00
19) Phenanthrene-d10	17.057	188	5221	0.400	ng	0.01
29) Chrysene-d12	21.259	240	5268	0.400	ng	0.00
35) Perylene-d12	23.487	264	5888	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.247	112	390	0.092	ng	0.00
5) Phenol-d6	6.822	99	151	0.036	ng	0.00
8) Nitrobenzene-d5	8.822	82	694	0.209	ng	0.02
11) 2-Methylnaphthalene-d10	12.030	152	1583	0.282	ng	0.00
14) 2,4,6-Tribromophenol	15.803	330	293	0.209	ng	0.01
15) 2-Fluorobiphenyl	12.918	172	2925m	0.302	ng	0.01
27) Fluoranthene-d10	19.090	212	4724	0.312	ng	0.00
31) Terphenyl-d14	19.698	244	4377	0.366	ng	0.00
Target Compounds					Qvalue	
25) Phenanthrene	17.094	178	341	0.025	ng	# 91
28) Fluoranthene	19.118	202	508	0.027	ng	# 1
30) Pyrene	19.485	202	492	0.025	ng	99
32) Benzo(a)anthracene	21.241	228	368	0.021	ng	# 68
33) Chrysene	21.295	228	593	0.031	ng	# 80
34) Bis(2-ethylhexyl)phtha...	21.188	149	2141	0.234	ng	99
36) Indeno(1,2,3-cd)pyrene	25.762	276	684m	0.027	ng	
37) Benzo(b)fluoranthene	22.827	252	540	0.028	ng	# 1
38) Benzo(k)fluoranthene	22.873	252	576	0.030	ng	# 1
41) Benzo(g,h,i)perylene	26.420	276	633	0.027	ng	# 47

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

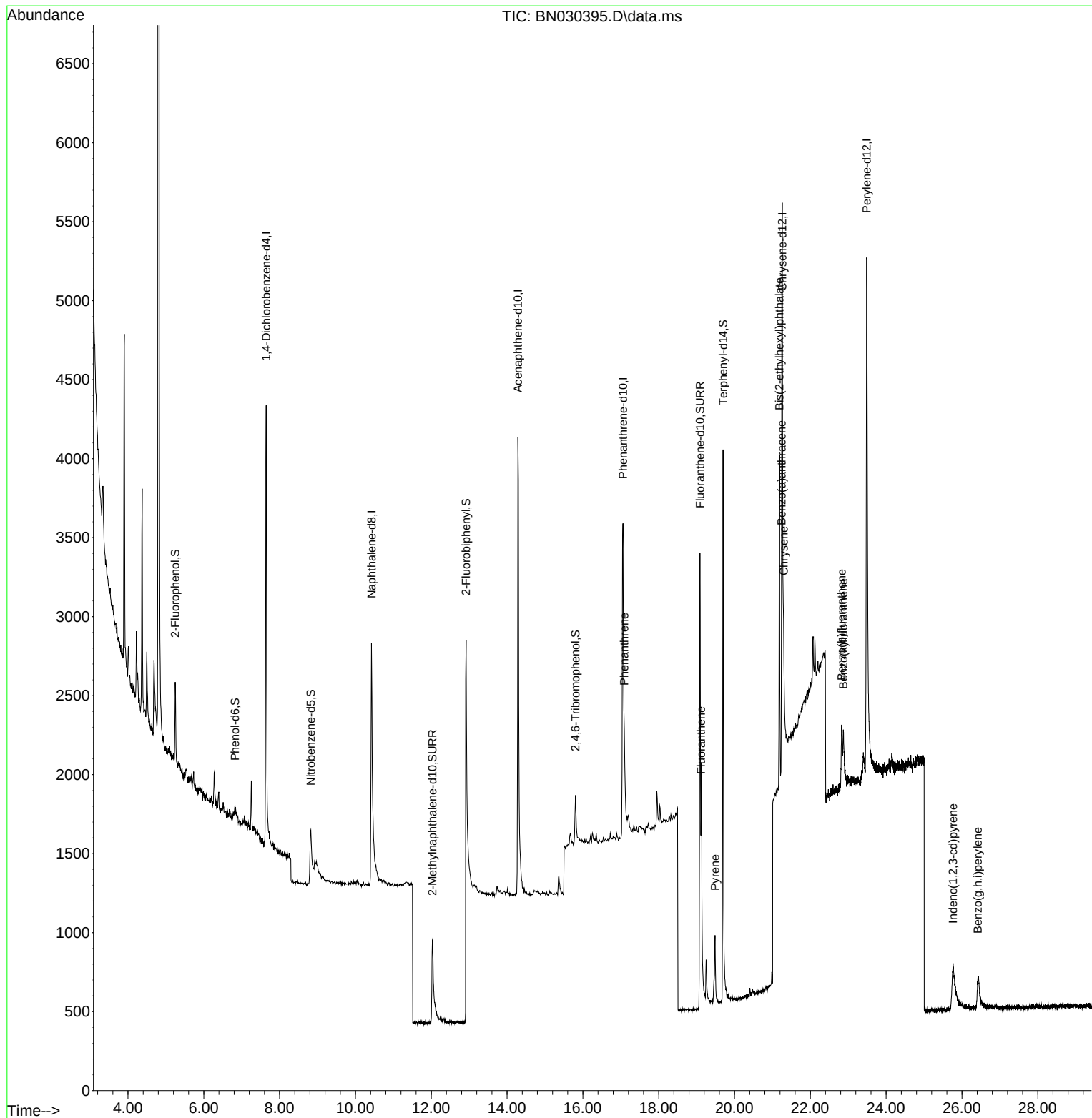
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Data File : BN030395.D
Acq On : 14 Mar 2024 13:33
Operator : MA/JU
Sample : P1716-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

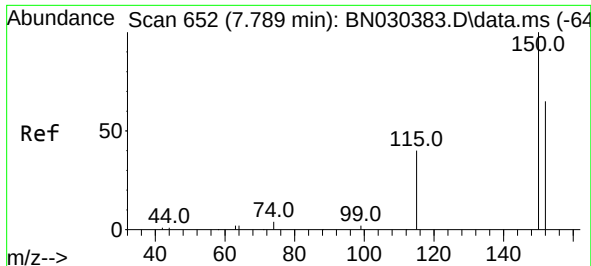
Instrument :
BNA_N
ClientSampleId :
SP-201-20240307

Quant Time: Mar 14 14:05:44 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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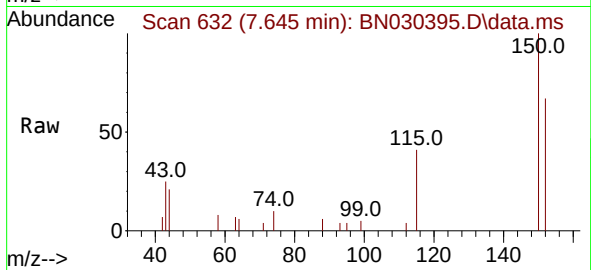
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/16/2024





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.645 min Scan# 61
Delta R.T. 0.007 min
Lab File: BN030395.D
Acq: 14 Mar 2024 13:33

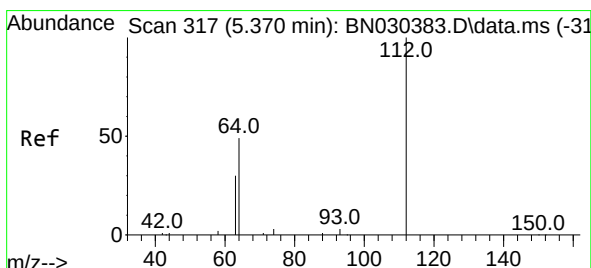
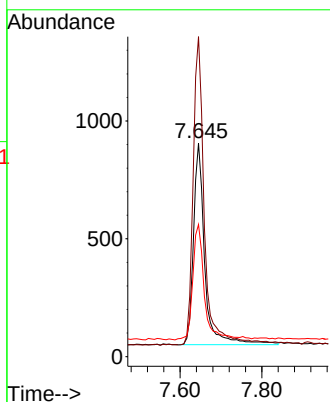
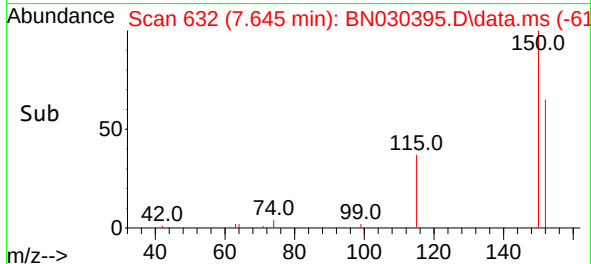
Instrument :
BNA_N
ClientSampleId :
SP-201-20240307



Tgt Ion:152 Resp: 163
Ion Ratio Lower Upper
152 100
150 149.9 120.4 180.6
115 61.9 52.8 79.2

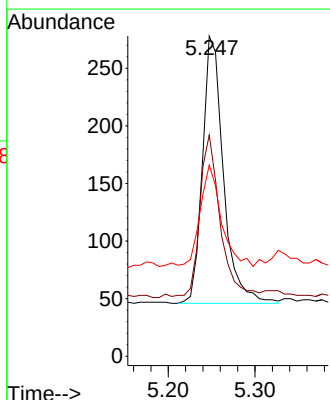
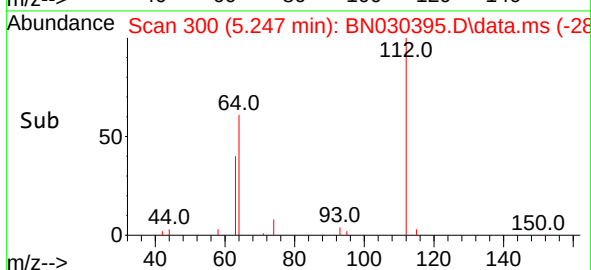
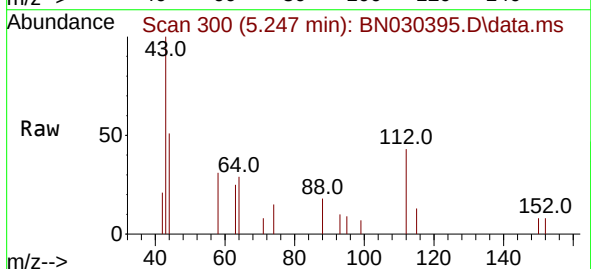
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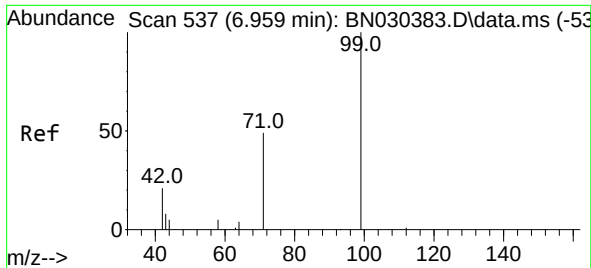
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/16/2024



#4
2-Fluorophenol
Concen: 0.092 ng
RT: 5.247 min Scan# 300
Delta R.T. -0.000 min
Lab File: BN030395.D
Acq: 14 Mar 2024 13:33

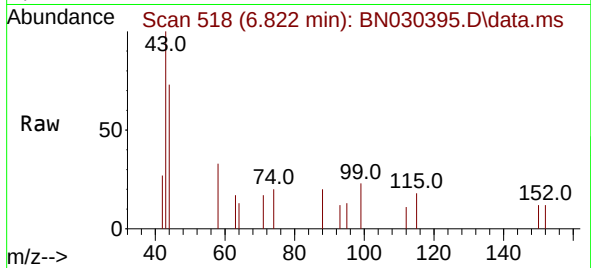
Tgt Ion:112 Resp: 390
Ion Ratio Lower Upper
112 100
64 57.4 45.6 68.4
63 38.2 28.2 42.4





#5
Phenol-d6
Concen: 0.036 ng
RT: 6.822 min Scan# 518
Delta R.T. 0.007 min
Lab File: BN030395.D
Acq: 14 Mar 2024 13:33

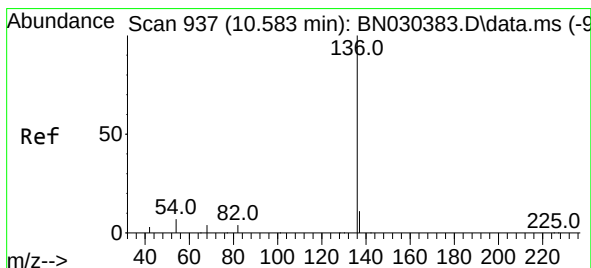
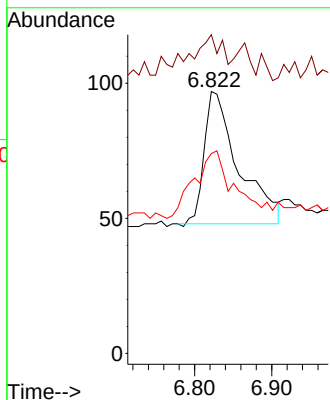
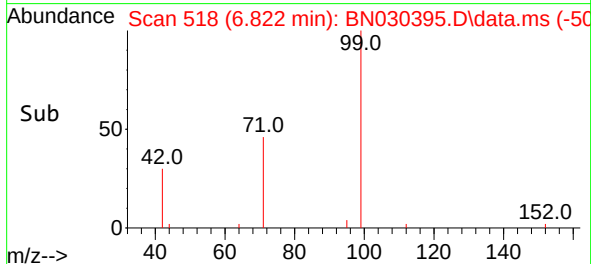
Instrument :
BNA_N
ClientSampleId :
SP-201-20240307



Tgt Ion: 99 Resp: 15
Ion Ratio Lower Upper
99 100
42 29.8 17.0 25.6
71 60.9 37.0 55.6

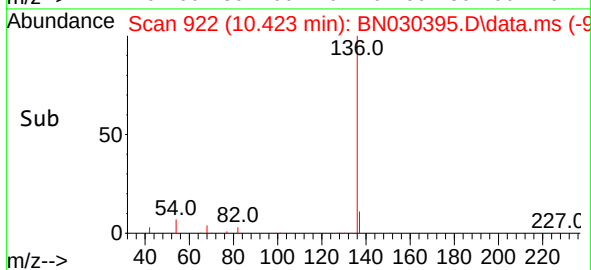
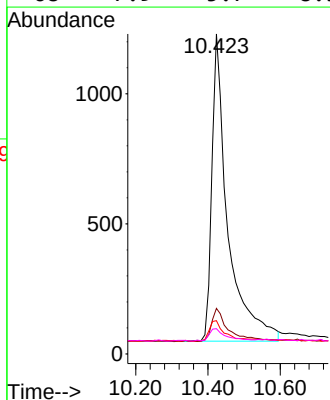
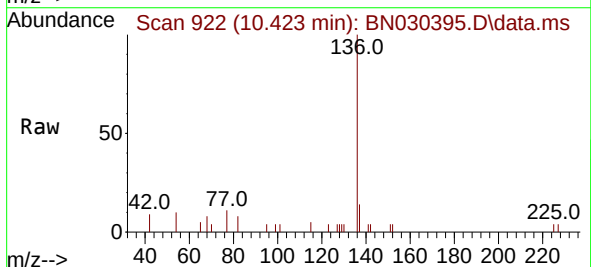
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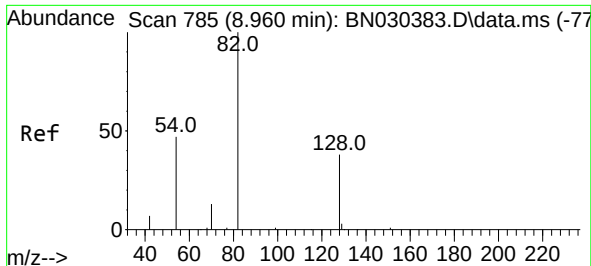
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/16/2024



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.423 min Scan# 922
Delta R.T. -0.000 min
Lab File: BN030395.D
Acq: 14 Mar 2024 13:33

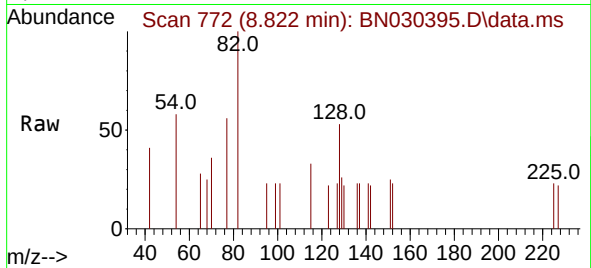
Tgt Ion:136 Resp: 3618
Ion Ratio Lower Upper
136 100
137 14.2 11.0 16.6
54 10.4 7.8 11.8
68 7.9 5.7 8.5





#8
Nitrobenzene-d5
Concen: 0.209 ng
RT: 8.822 min Scan# 71
Delta R.T. 0.021 min
Lab File: BN030395.D
Acq: 14 Mar 2024 13:33

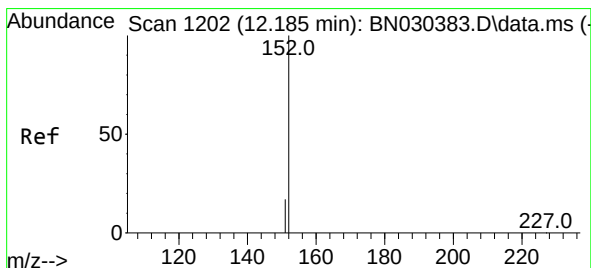
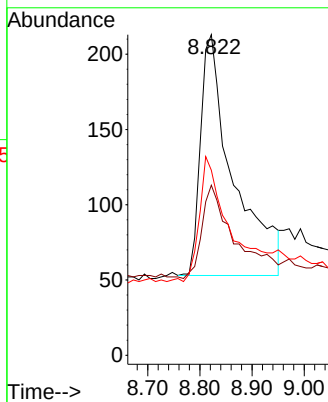
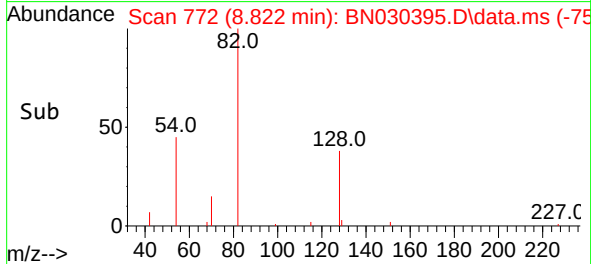
Instrument :
BNA_N
ClientSampleId :
SP-201-20240307



Tgt Ion: 82 Resp: 694
Ion Ratio Lower Upper
82 100
128 53.1 35.2 52.8
54 57.7 41.5 62.3

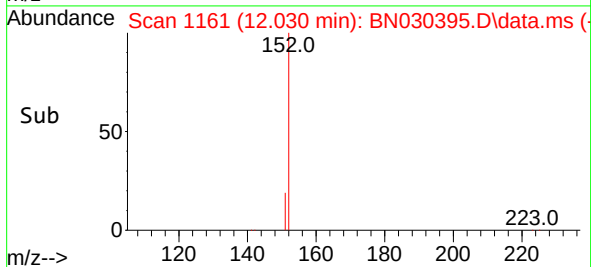
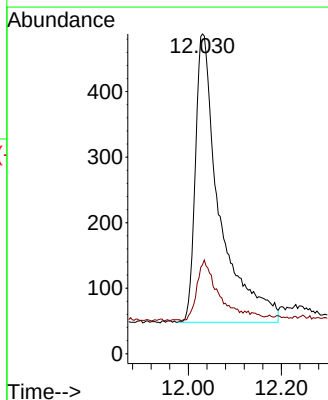
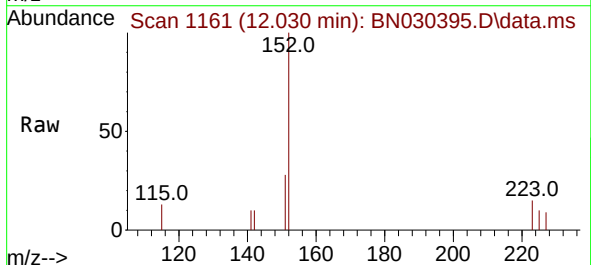
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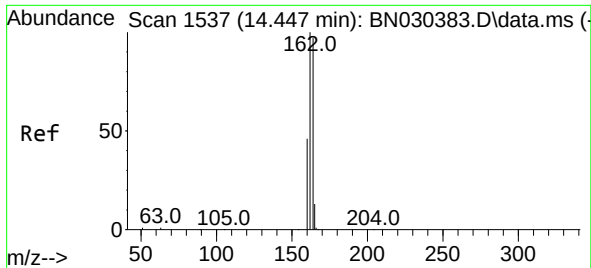
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/16/2024



#11
2-Methylnaphthalene-d10
Concen: 0.282 ng
RT: 12.030 min Scan# 1161
Delta R.T. 0.008 min
Lab File: BN030395.D
Acq: 14 Mar 2024 13:33

Tgt Ion:152 Resp: 1583
Ion Ratio Lower Upper
152 100
151 18.6 15.8 23.8





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.287 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN030395.D
Acq: 14 Mar 2024 13:33

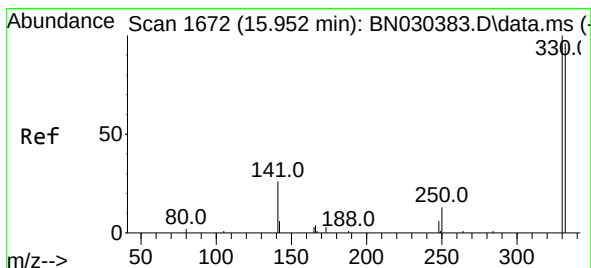
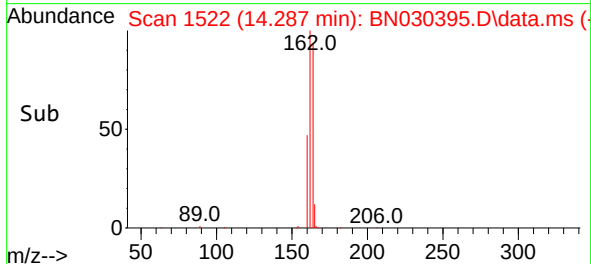
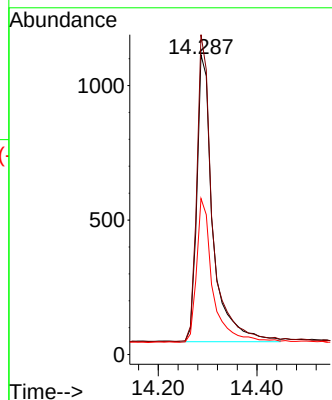
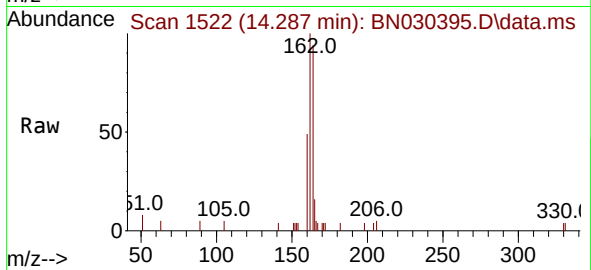
Instrument :
BNA_N
ClientSampleId :
SP-201-20240307

Tgt Ion:164 Resp: 240

Ion	Ratio	Lower	Upper
164	100		
162	106.7	82.6	124.0
160	52.1	39.5	59.3

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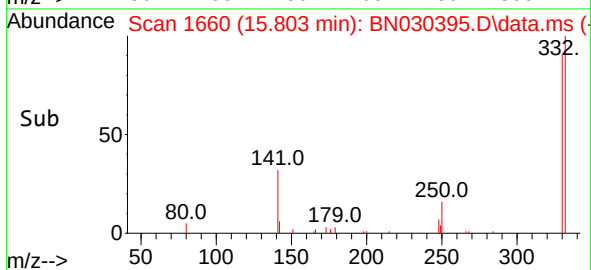
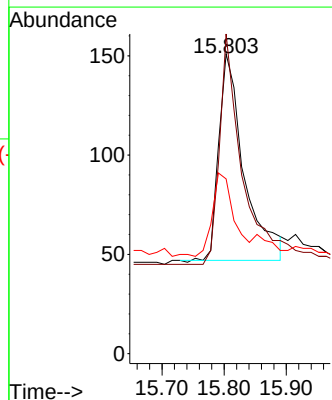
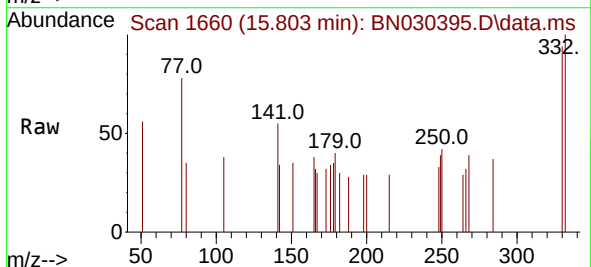
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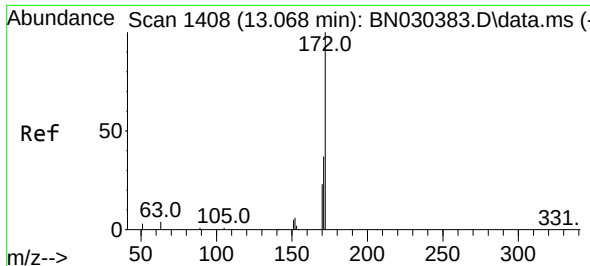


#14
2,4,6-Tribromophenol
Concen: 0.209 ng
RT: 15.803 min Scan# 1660
Delta R.T. 0.012 min
Lab File: BN030395.D
Acq: 14 Mar 2024 13:33

Tgt Ion:330 Resp: 293

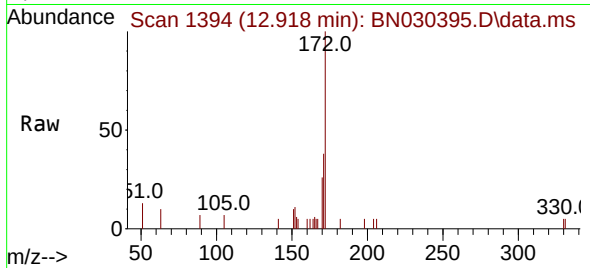
Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.2	115.8
141	32.4	31.4	47.2





#15
2-Fluorobiphenyl
Concen: 0.302 ng m
RT: 12.918 min Scan# 11
Delta R.T. 0.011 min
Lab File: BN030395.D
Acq: 14 Mar 2024 13:33

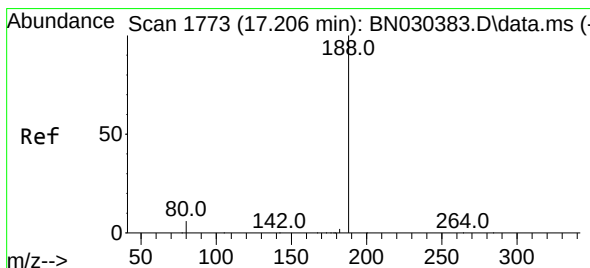
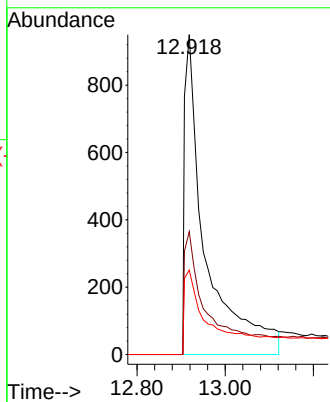
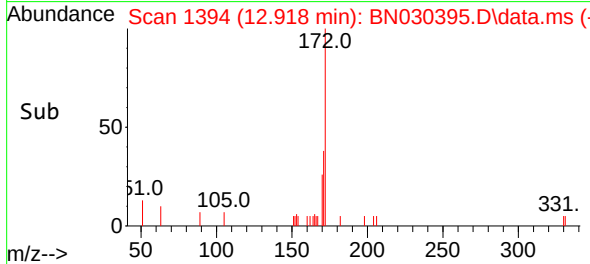
Instrument :
BNA_N
ClientSampleId :
SP-201-20240307



Tgt Ion:172 Resp: 292
Ion Ratio Lower Upper
172 100
171 38.4 31.0 46.6
170 26.4 20.6 31.0

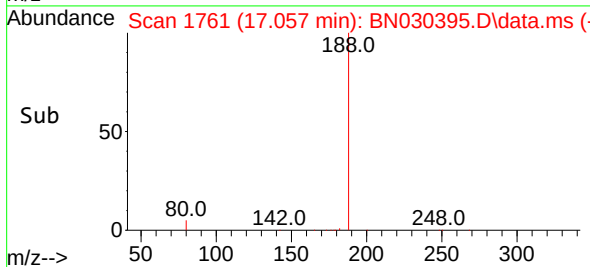
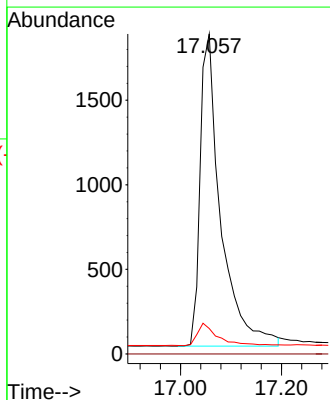
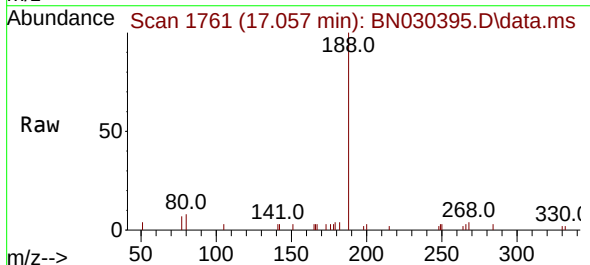
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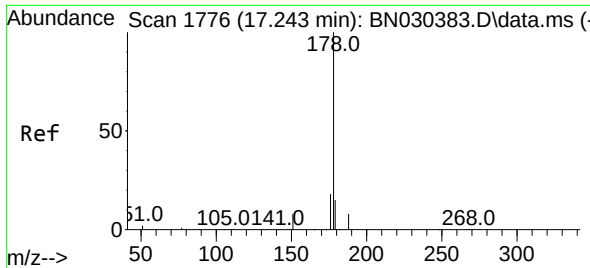
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/16/2024



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.057 min Scan# 1761
Delta R.T. 0.012 min
Lab File: BN030395.D
Acq: 14 Mar 2024 13:33

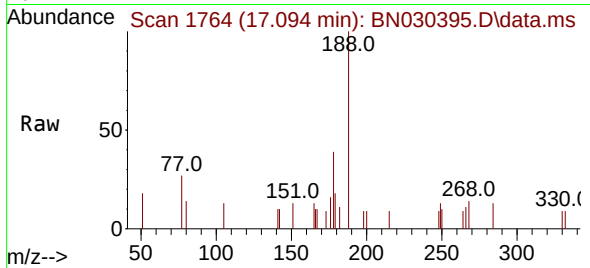
Tgt Ion:188 Resp: 5221
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.9 6.4 9.6





#25
Phenanthrene
Concen: 0.025 ng
RT: 17.094 min Scan# 1764
Delta R.T. 0.012 min
Lab File: BN030395.D
Acq: 14 Mar 2024 13:33

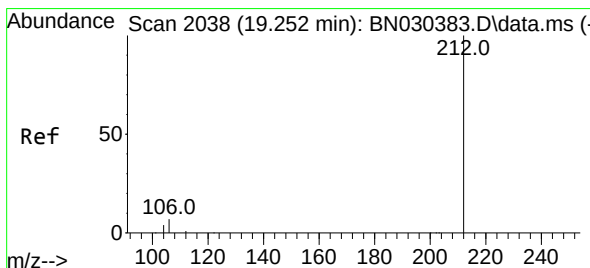
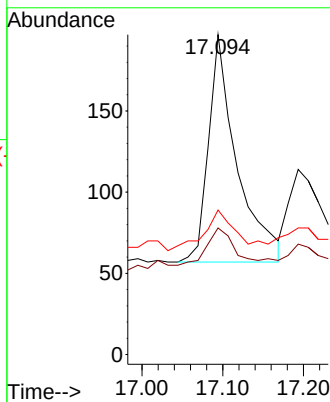
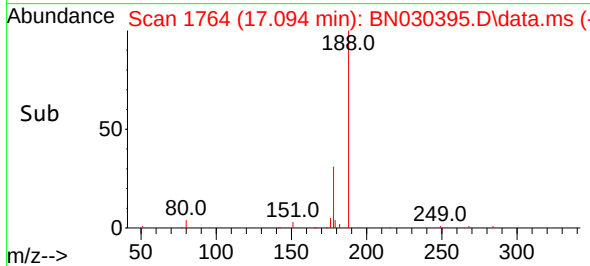
Instrument :
BNA_N
ClientSampleId :
SP-201-20240307



Tgt Ion	Ratio	Lower	Upper
178	100		
176	16.7	15.1	22.7
179	20.8	12.1	18.1

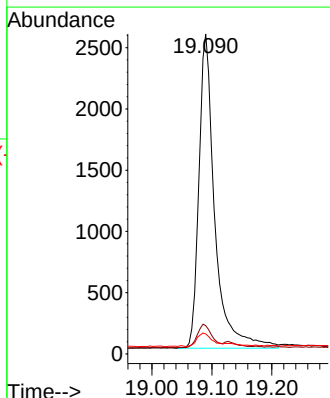
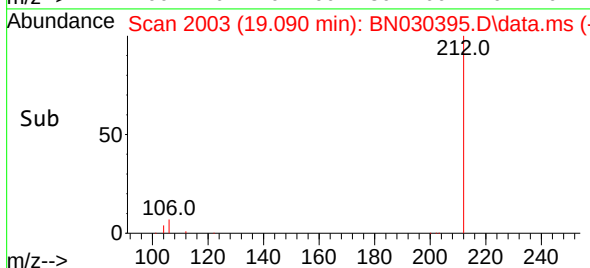
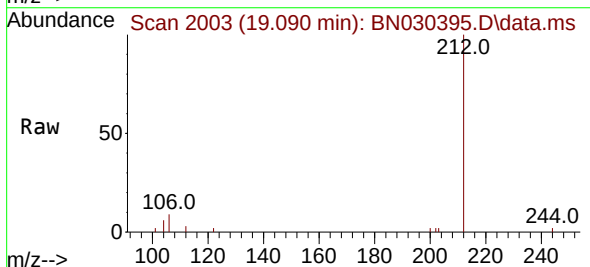
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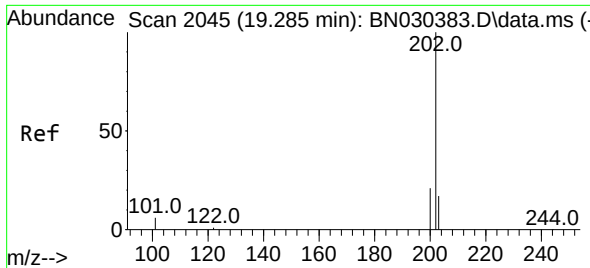
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/16/2024



#27
Fluoranthene-d10
Concen: 0.312 ng
RT: 19.090 min Scan# 2003
Delta R.T. 0.005 min
Lab File: BN030395.D
Acq: 14 Mar 2024 13:33

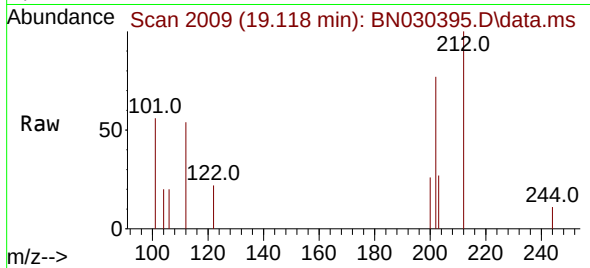
Tgt Ion	Ratio	Lower	Upper
212	100		
106	6.9	6.0	9.0
104	4.1	3.4	5.0





#28
Fluoranthene
Concen: 0.027 ng
RT: 19.118 min Scan# 2045
Delta R.T. -0.000 min
Lab File: BN030395.D
Acq: 14 Mar 2024 13:33

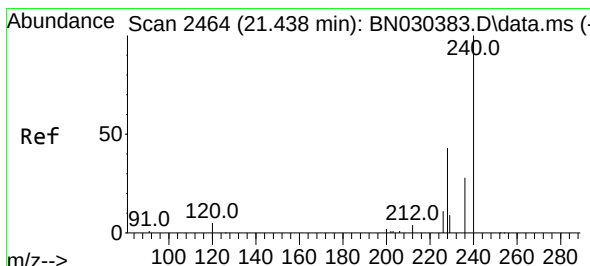
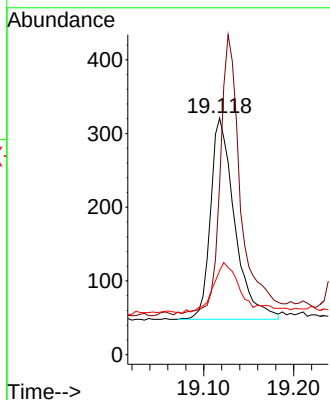
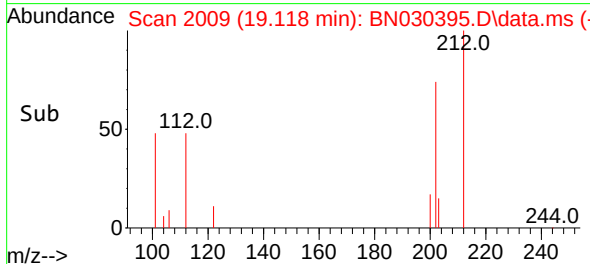
Instrument :
BNA_N
ClientSampleId :
SP-201-20240307



Tgt Ion:202 Resp: 508
Ion Ratio Lower Upper
202 100
101 119.9 4.6 6.8
203 27.8 13.4 20.0

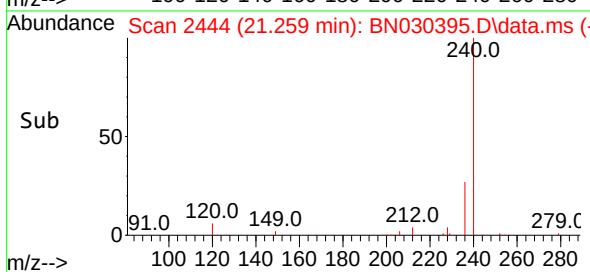
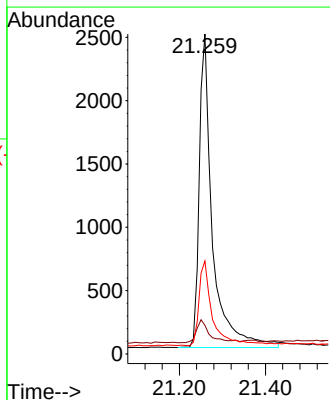
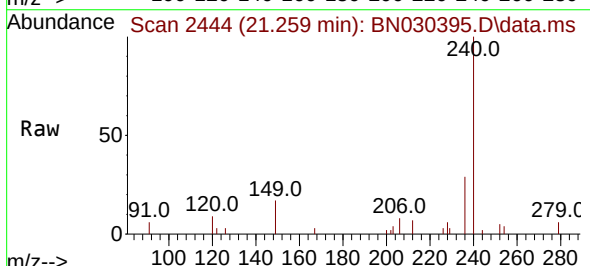
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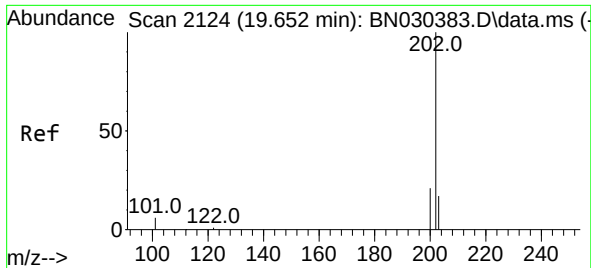
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/16/2024



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.259 min Scan# 2444
Delta R.T. 0.009 min
Lab File: BN030395.D
Acq: 14 Mar 2024 13:33

Tgt Ion:240 Resp: 5268
Ion Ratio Lower Upper
240 100
120 8.9 6.7 10.1
236 29.0 23.8 35.8





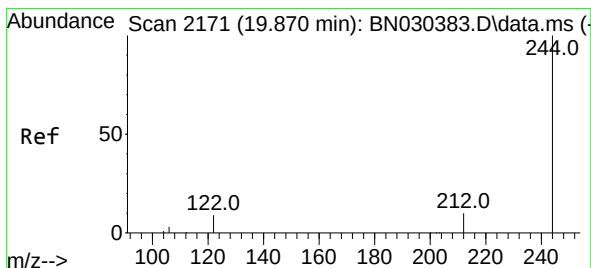
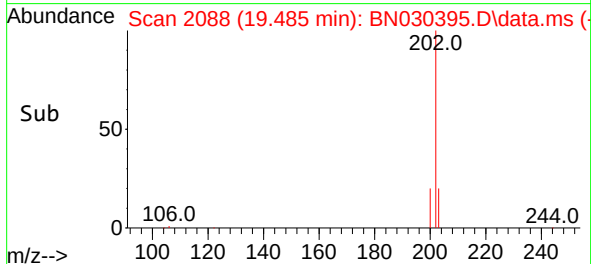
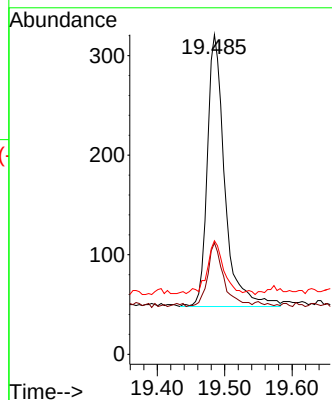
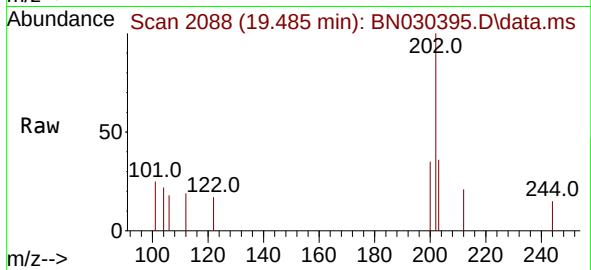
#30
Pyrene
Concen: 0.025 ng
RT: 19.485 min Scan# 2088
Delta R.T. 0.005 min
Lab File: BN030395.D
Acq: 14 Mar 2024 13:33

Instrument :
BNA_N
ClientSampleId :
SP-201-20240307

Tgt Ion:202 Resp: 492
Ion Ratio Lower Upper
202 100
200 21.3 16.9 25.3
203 17.9 13.8 20.8

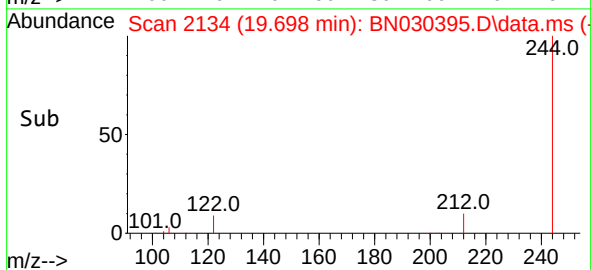
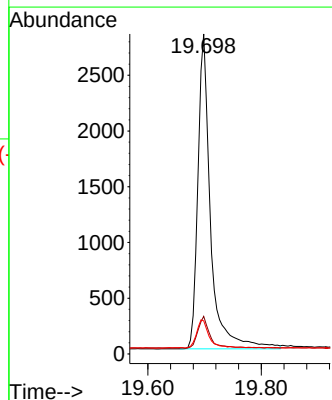
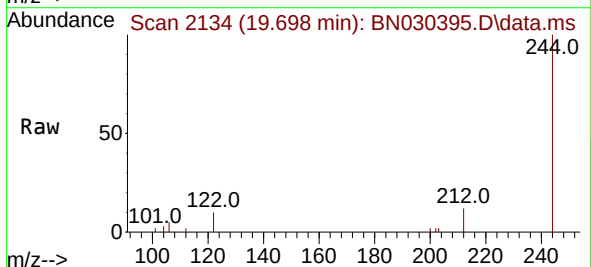
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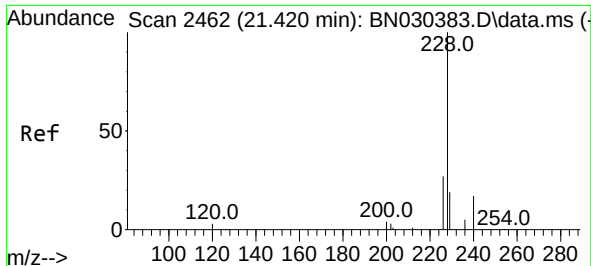
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/16/2024



#31
Terphenyl-d14
Concen: 0.366 ng
RT: 19.698 min Scan# 2134
Delta R.T. -0.000 min
Lab File: BN030395.D
Acq: 14 Mar 2024 13:33

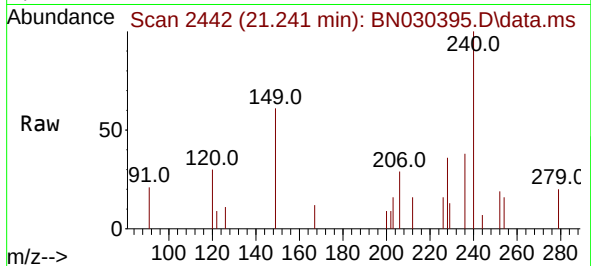
Tgt Ion:244 Resp: 4377
Ion Ratio Lower Upper
244 100
212 11.7 9.8 14.6
122 10.3 8.6 12.8





#32
Benzo(a)anthracene
Concen: 0.021 ng
RT: 21.241 min Scan# 2442
Delta R.T. -0.000 min
Lab File: BN030395.D
Acq: 14 Mar 2024 13:33

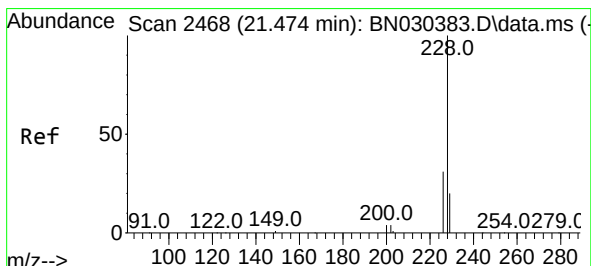
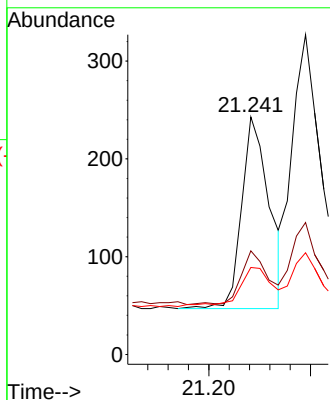
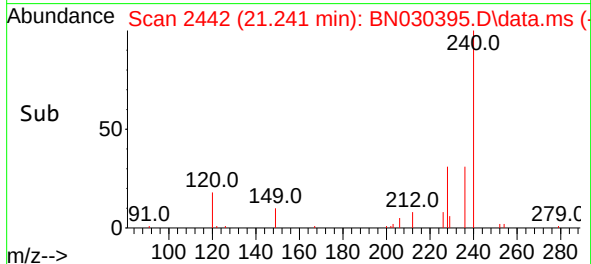
Instrument :
BNA_N
ClientSampleId :
SP-201-20240307



Tgt Ion:228 Resp: 368
Ion Ratio Lower Upper
228 100
226 43.6 22.2 33.2#
229 36.6 16.4 24.6#

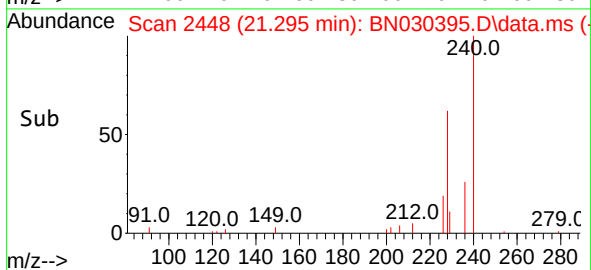
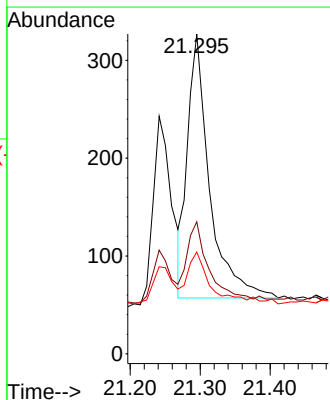
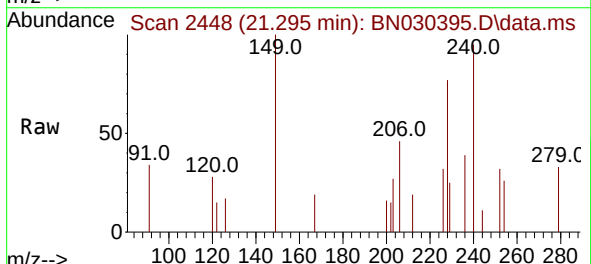
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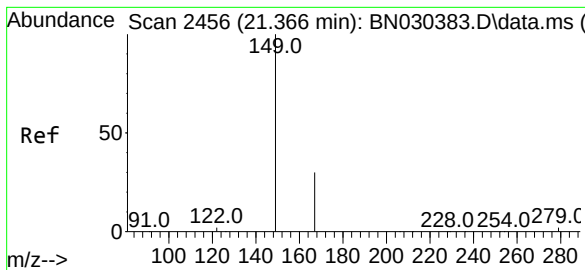
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/16/2024



#33
Chrysene
Concen: 0.031 ng
RT: 21.295 min Scan# 2448
Delta R.T. 0.009 min
Lab File: BN030395.D
Acq: 14 Mar 2024 13:33

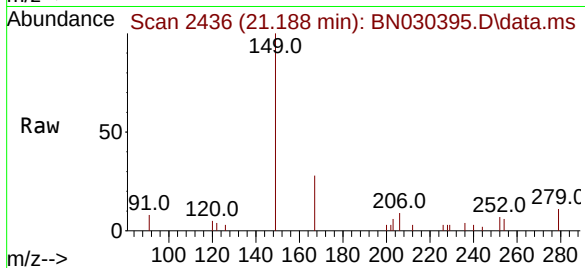
Tgt Ion:228 Resp: 593
Ion Ratio Lower Upper
228 100
226 41.3 25.0 37.6#
229 31.8 16.9 25.3#





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.234 ng
RT: 21.188 min Scan# 2436
Delta R.T. -0.000 min
Lab File: BN030395.D
Acq: 14 Mar 2024 13:33

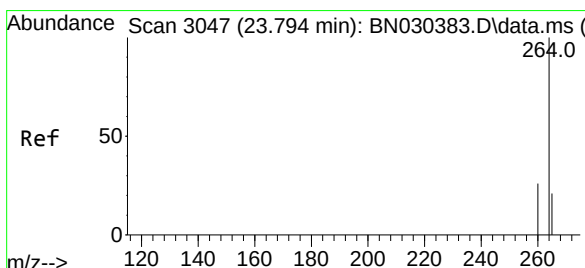
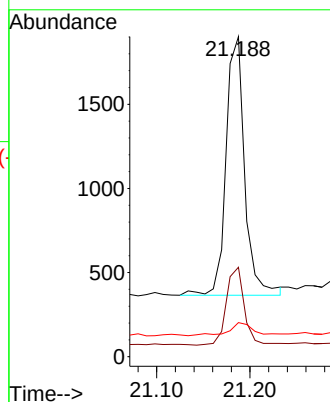
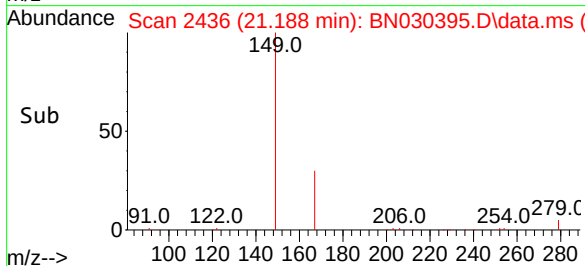
Instrument :
BNA_N
ClientSampleId :
SP-201-20240307



Tgt Ion:149 Resp: 214
Ion Ratio Lower Upper
149 100
167 29.2 23.8 35.6
279 6.6 5.1 7.7

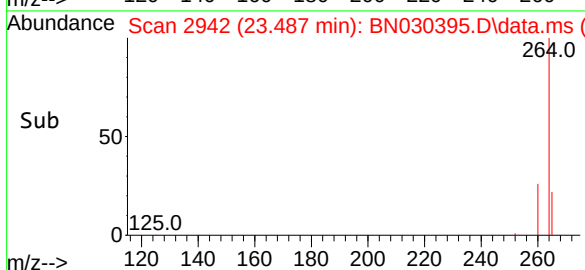
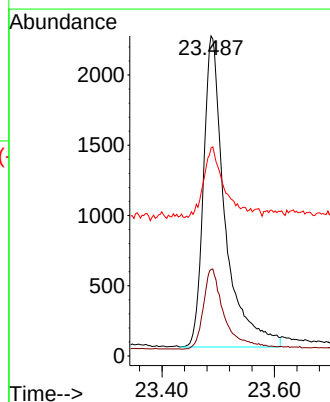
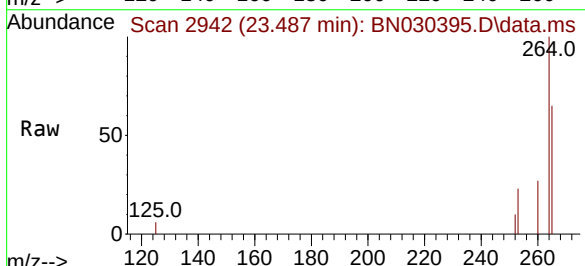
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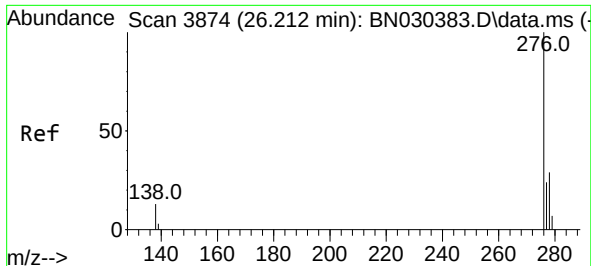
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/16/2024



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.487 min Scan# 2942
Delta R.T. -0.003 min
Lab File: BN030395.D
Acq: 14 Mar 2024 13:33

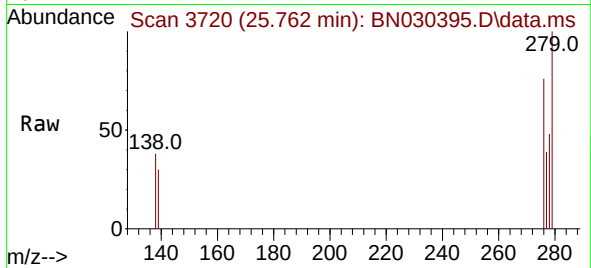
Tgt Ion:264 Resp: 5888
Ion Ratio Lower Upper
264 100
260 27.0 21.8 32.8
265 65.0 50.6 75.8





#36
Indeno(1,2,3-cd)pyrene
Concen: 0.027 ng m
RT: 25.762 min Scan# 31
Delta R.T. 0.023 min
Lab File: BN030395.D
Acq: 14 Mar 2024 13:33

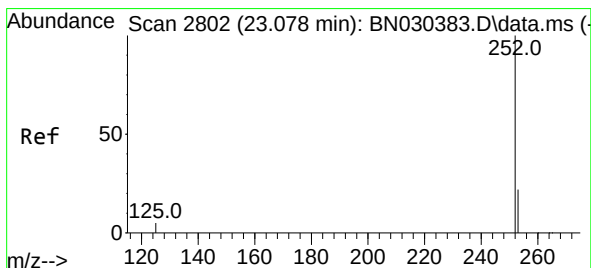
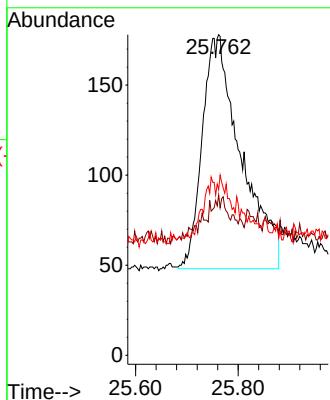
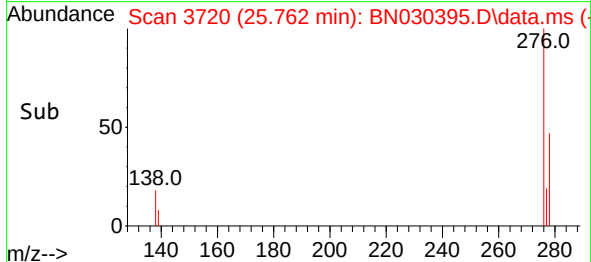
Instrument :
BNA_N
ClientSampleId :
SP-201-20240307



Tgt Ion:276 Resp: 684
Ion Ratio Lower Upper
276 100
138 0.6 5.1 7.7
277 7.9 18.4 27.6

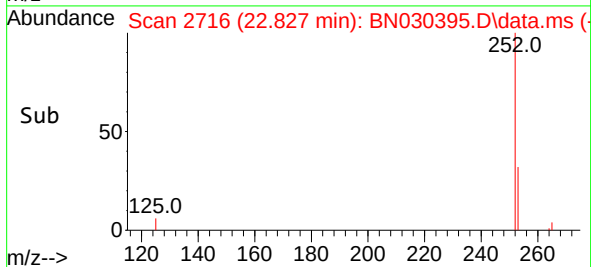
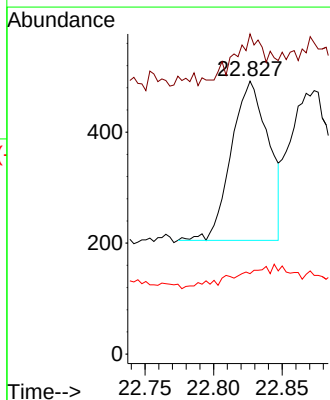
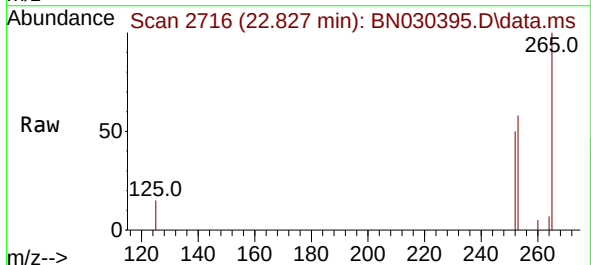
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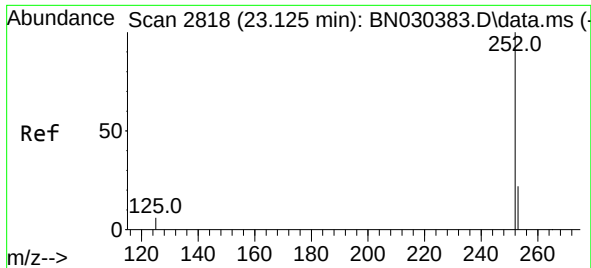
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/16/2024



#37
Benzo(b)fluoranthene
Concen: 0.028 ng
RT: 22.827 min Scan# 2716
Delta R.T. 0.006 min
Lab File: BN030395.D
Acq: 14 Mar 2024 13:33

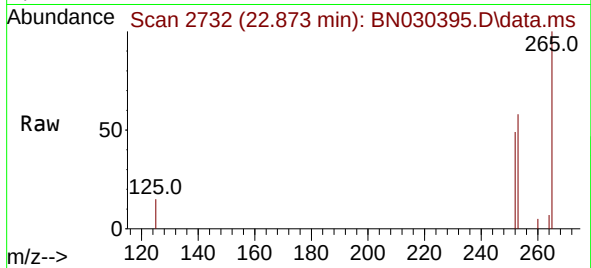
Tgt Ion:252 Resp: 540
Ion Ratio Lower Upper
252 100
253 117.3 26.7 40.1#
125 29.5 6.8 10.2#





#38
Benzo(k)fluoranthene
Concen: 0.030 ng
RT: 22.873 min Scan# 21
Delta R.T. 0.009 min
Lab File: BN030395.D
Acq: 14 Mar 2024 13:33

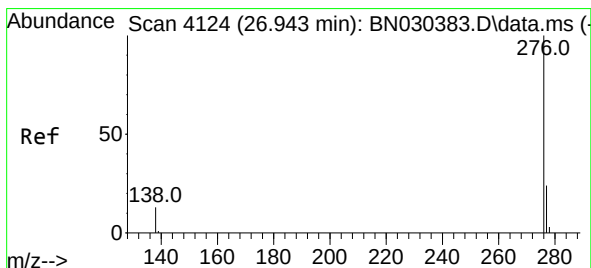
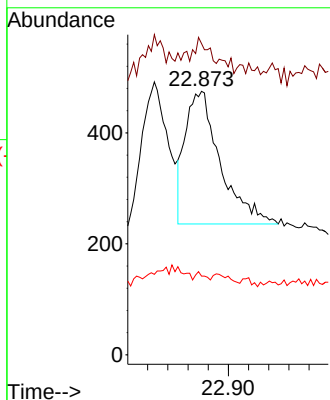
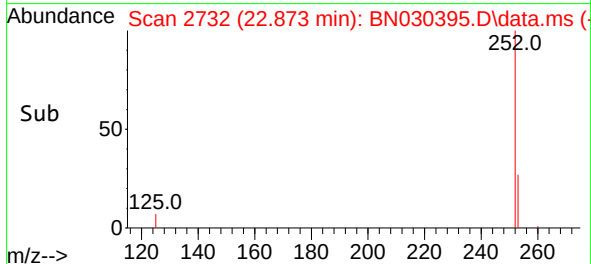
Instrument :
BNA_N
ClientSampleId :
SP-201-20240307



Tgt Ion:252 Resp: 570
Ion Ratio Lower Upper
252 100
253 118.1 26.6 39.8
125 29.9 7.2 10.8

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Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/16/2024



#41
Benzo(g,h,i)perylene
Concen: 0.027 ng
RT: 26.420 min Scan# 3945
Delta R.T. 0.006 min
Lab File: BN030395.D
Acq: 14 Mar 2024 13:33

Tgt Ion:276 Resp: 633
Ion Ratio Lower Upper
276 100
277 50.3 20.9 31.3#
138 43.0 13.0 19.4#

