

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082324\
 Data File : BN033594.D
 Acq On : 23 Aug 2024 17:47
 Operator : MA/JU
 Sample : P3663-12DL 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 919-J-SD-0.5-1-081624DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/24/2024
 Supervised By :mohammad ahmed 08/29/2024

Quant Time: Aug 24 02:17:51 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 23 00:22:18 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.545	152	9008	0.400	ng	0.00
7) Naphthalene-d8	10.304	136	23701	0.400	ng	0.00
13) Acenaphthene-d10	14.178	164	11030	0.400	ng	0.00
19) Phenanthrene-d10	16.929	188	21186	0.400	ng	0.00
29) Chrysene-d12	21.139	240	16993	0.400	ng	0.00
35) Perylene-d12	23.309	264	19301	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.183	112	650	0.023	ng	0.00
5) Phenol-d6	6.736	99	761	0.022	ng	0.00
8) Nitrobenzene-d5	8.681	82	507	0.026	ng	0.00
11) 2-Methylnaphthalene-d10	11.903	152	657	0.019	ng	0.00
14) 2,4,6-Tribromophenol	15.676	330	146	0.025	ng	0.00
15) 2-Fluorobiphenyl	12.799	172	828	0.018	ng	0.00
27) Fluoranthene-d10	18.970	212	687	0.013	ng	0.00
31) Terphenyl-d14	19.583	244	450	0.012	ng	0.00
Target Compounds						Qvalue
18) Fluorene	15.236	166	1142	0.027	ng	99
25) Phenanthrene	16.966	178	31090	0.527	ng	100
26) Anthracene	17.066	178	2267	0.043	ng	# 92
28) Fluoranthene	19.003	202	93881	1.441	ng	99
30) Pyrene	19.365	202	74614	0.984	ng	# 95
32) Benzo(a)anthracene	21.121	228	31050	0.505	ng	97
33) Chrysene	21.175	228	50247m	0.823	ng	
34) Bis(2-ethylhexyl)phtha...	21.086	149	2875m	0.074	ng	
36) Indeno(1,2,3-cd)pyrene	25.460	276	33635	0.420	ng	# 93
37) Benzo(b)fluoranthene	22.665	252	69363	0.962	ng	98
38) Benzo(k)fluoranthene	22.706	252	23277m	0.328	ng	
39) Benzo(a)pyrene	23.215	252	38335	0.643	ng	98
40) Dibenzo(a,h)anthracene	25.466	278	7176	0.112	ng	# 66
41) Benzo(g,h,i)perylene	26.112	276	33462	0.488	ng	99

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

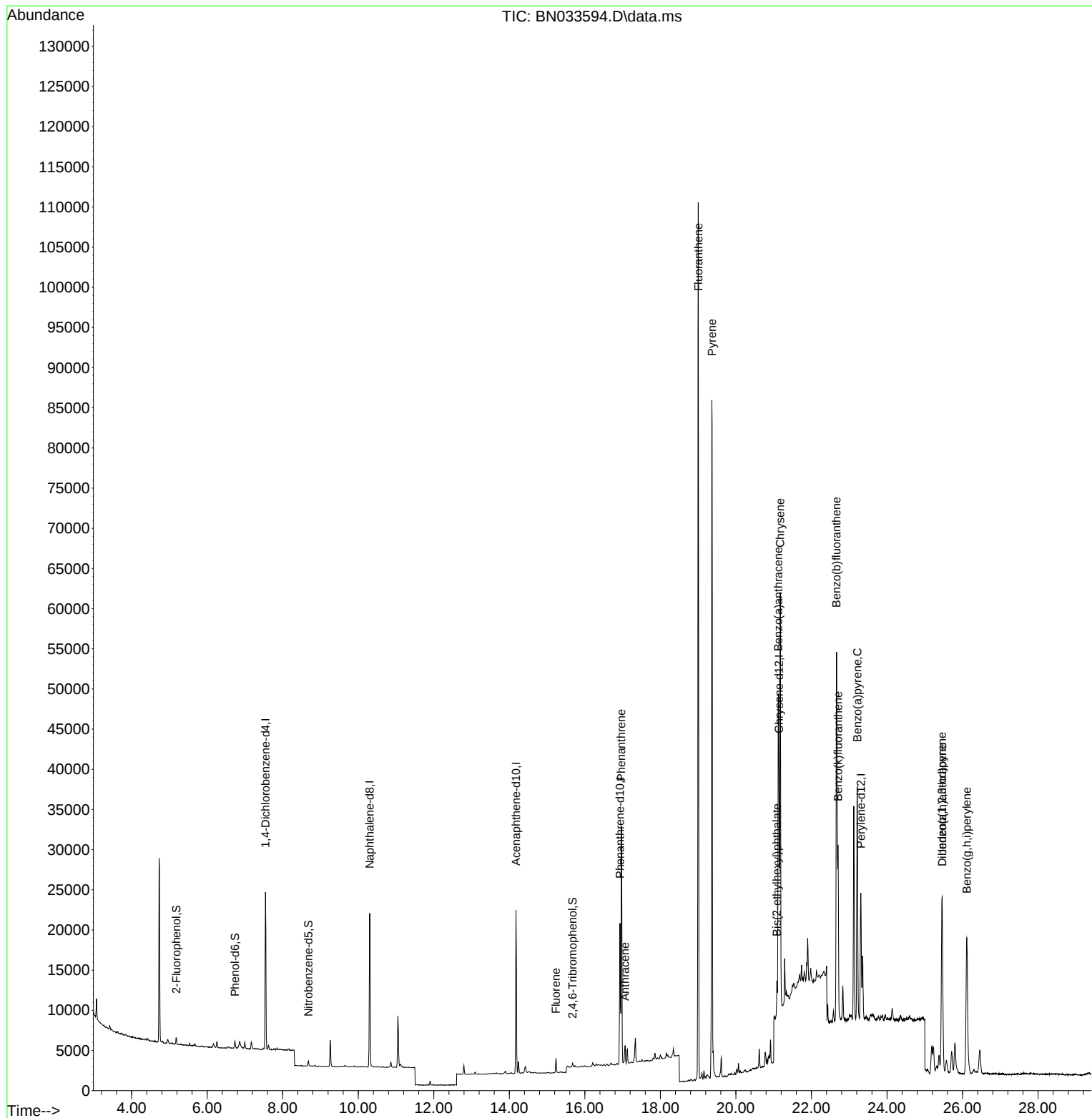
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082324\
Data File : BN033594.D
Acq On : 23 Aug 2024 17:47
Operator : MA/JU
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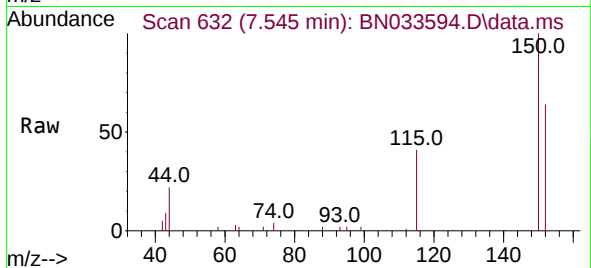
Quant Time: Aug 24 02:17:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 23 00:22:18 2024
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.545 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN033594.D
Acq: 23 Aug 2024 17:47

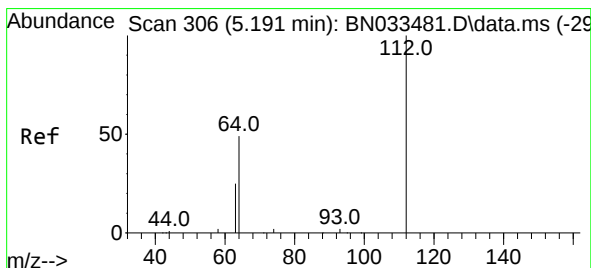
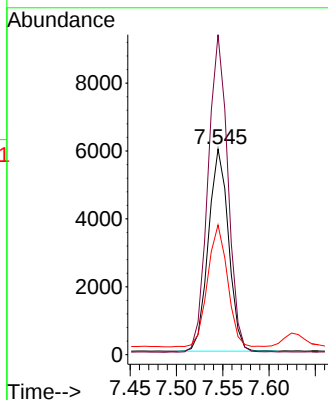
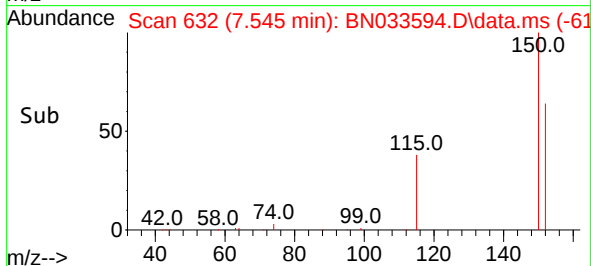
Instrument :
BNA_N
ClientSampleId :
919-J-SD-0.5-1-081624DL



Tgt Ion:152 Resp: 900
Ion Ratio Lower Upper
152 100
150 155.7 122.2 183.2
115 63.1 47.2 70.8

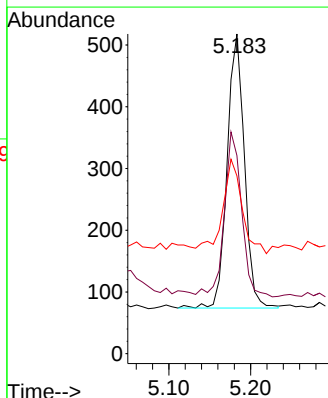
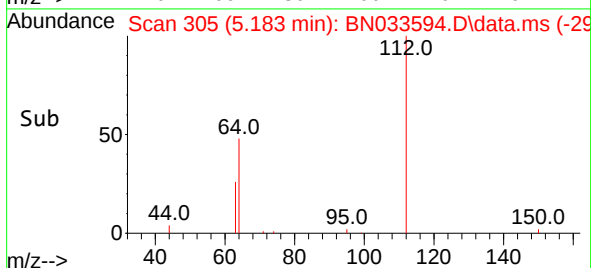
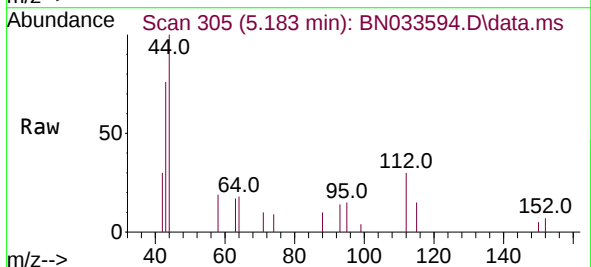
Manual Integrations
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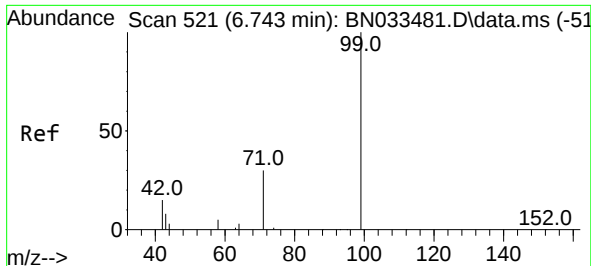
Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/29/2024



#4
2-Fluorophenol
Concen: 0.023 ng
RT: 5.183 min Scan# 305
Delta R.T. 0.007 min
Lab File: BN033594.D
Acq: 23 Aug 2024 17:47

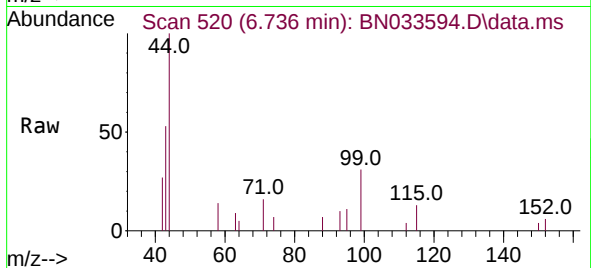
Tgt Ion:112 Resp: 650
Ion Ratio Lower Upper
112 100
64 60.5 47.1 70.7
63 39.1 24.9 37.3





#5
Phenol-d6
Concen: 0.022 ng
RT: 6.736 min Scan# 51
Delta R.T. 0.007 min
Lab File: BN033594.D
Acq: 23 Aug 2024 17:47

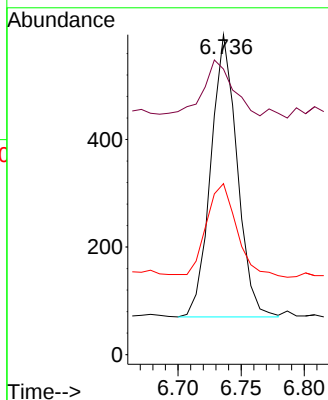
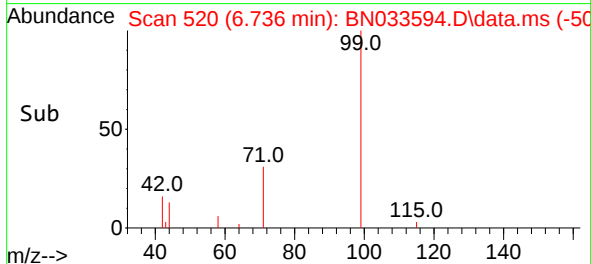
Instrument :
BNA_N
ClientSampleId :
919-J-SD-0.5-1-081624DL



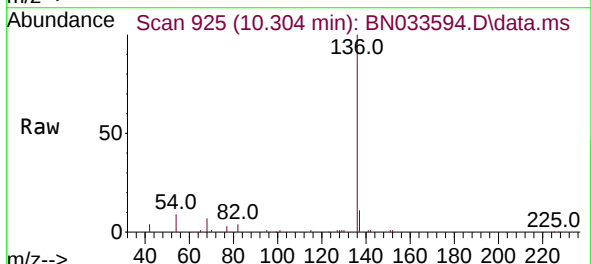
Tgt Ion: 99 Resp: 76
Ion Ratio Lower Upper
99 100
42 22.2 16.6 24.8
71 38.6 26.2 39.4

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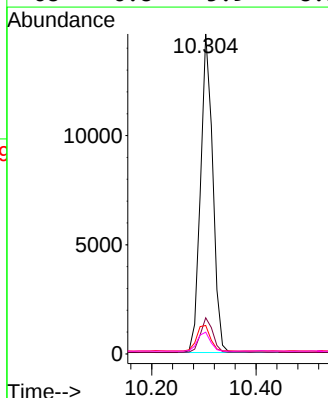
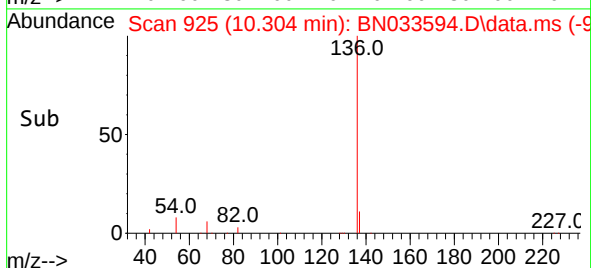
Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/29/2024



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.304 min Scan# 925
Delta R.T. -0.000 min
Lab File: BN033594.D
Acq: 23 Aug 2024 17:47



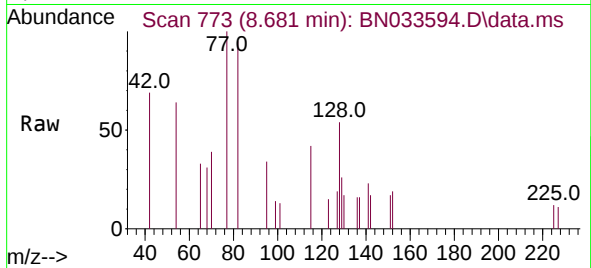
Tgt Ion:136 Resp: 23701
Ion Ratio Lower Upper
136 100
137 11.3 9.0 13.6
54 8.9 8.3 12.5
68 6.8 5.9 8.9





#8
 Nitrobenzene-d5
 Concen: 0.026 ng
 RT: 8.681 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BN033594.D
 Acq: 23 Aug 2024 17:47

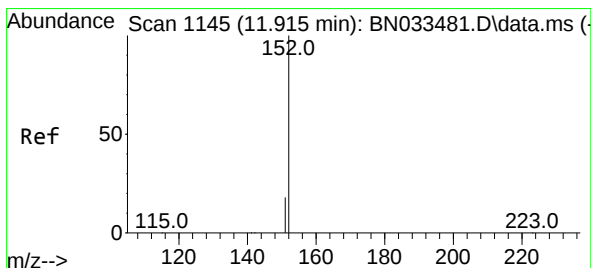
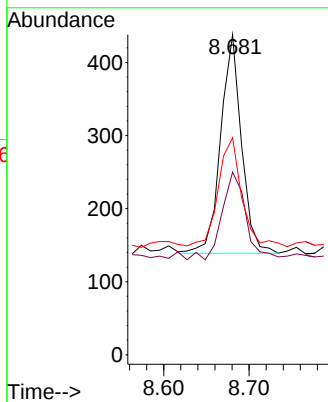
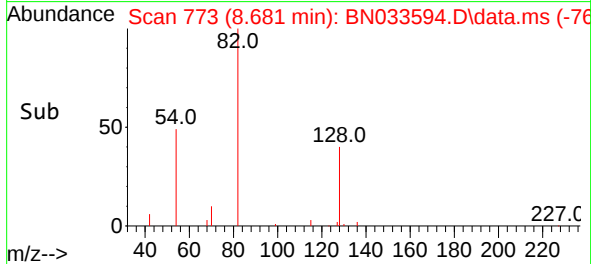
Instrument :
 BNA_N
 ClientSampleId :
 919-J-SD-0.5-1-081624DL



Tgt Ion: 82 Resp: 507
 Ion Ratio Lower Upper
 82 100
 128 57.1 36.0 54.0
 54 67.8 42.0 63.0

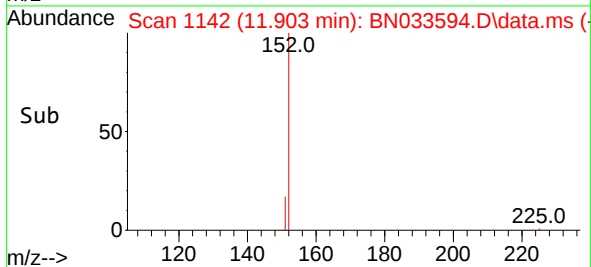
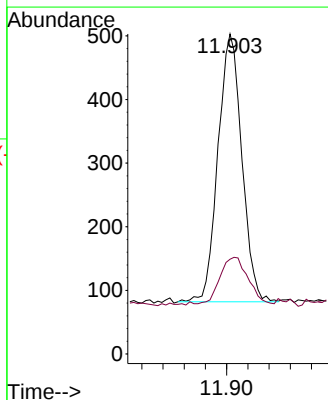
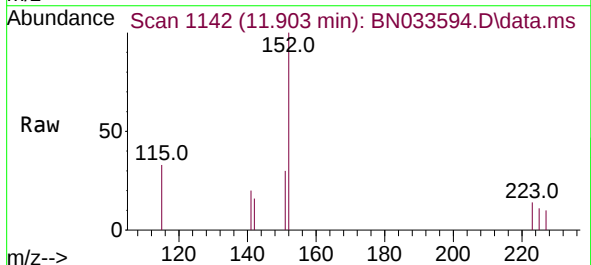
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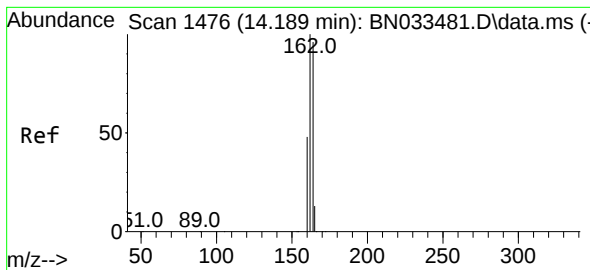
Reviewed By :Yogesh Patel 08/24/2024
 Supervised By :mohammad ahmed 08/29/2024



#11
 2-Methylnaphthalene-d10
 Concen: 0.019 ng
 RT: 11.903 min Scan# 1142
 Delta R.T. -0.000 min
 Lab File: BN033594.D
 Acq: 23 Aug 2024 17:47

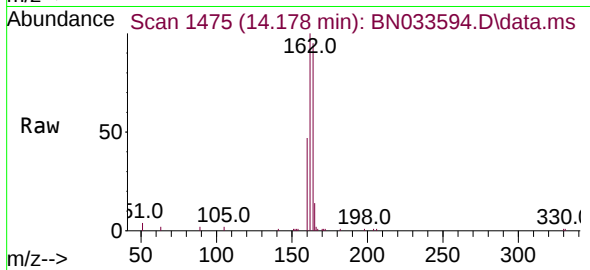
Tgt Ion:152 Resp: 657
 Ion Ratio Lower Upper
 152 100
 151 20.7 16.6 25.0





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.178 min Scan# 1476
Delta R.T. -0.000 min
Lab File: BN033594.D
Acq: 23 Aug 2024 17:47

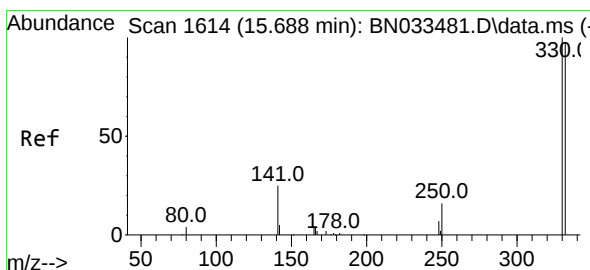
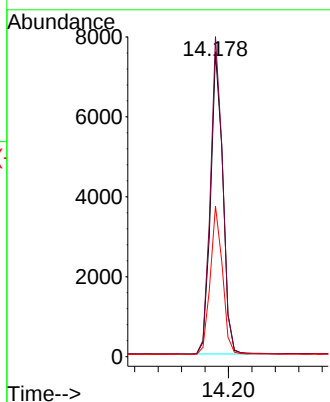
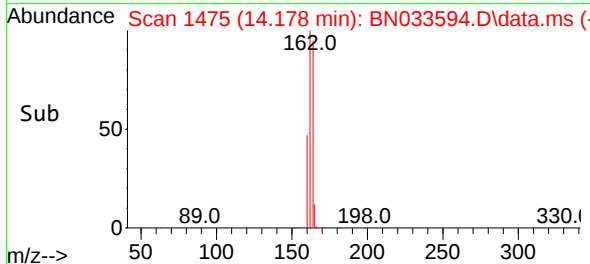
Instrument :
BNA_N
ClientSampleId :
919-J-SD-0.5-1-081624DL



Tgt Ion:164 Resp: 11030
Ion Ratio Lower Upper
164 100
162 104.9 83.5 125.3
160 49.4 40.2 60.4

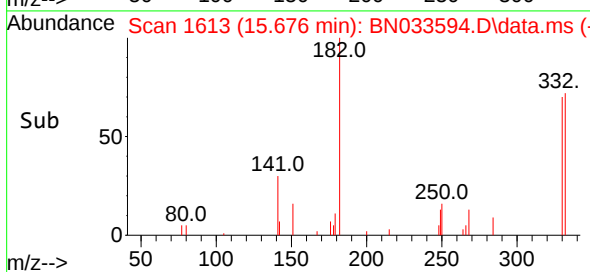
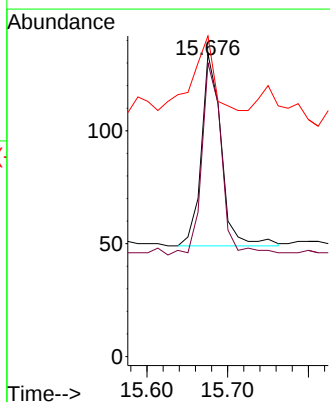
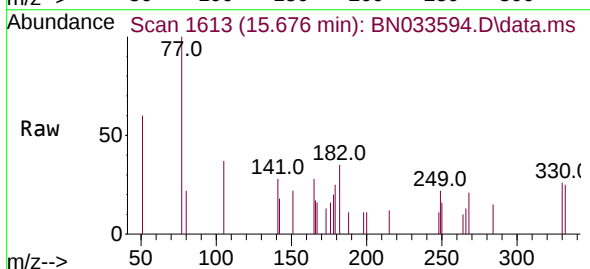
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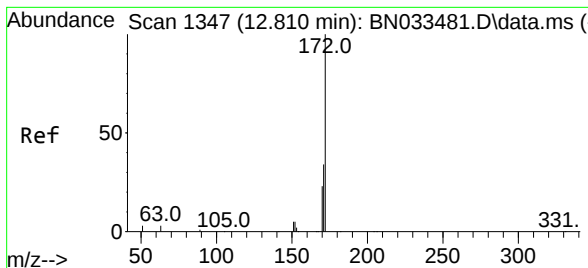
Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/29/2024



#14
2,4,6-Tribromophenol
Concen: 0.025 ng
RT: 15.676 min Scan# 1613
Delta R.T. -0.000 min
Lab File: BN033594.D
Acq: 23 Aug 2024 17:47

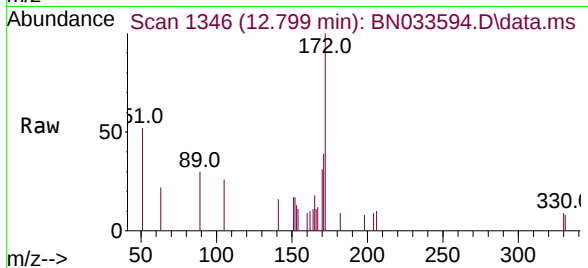
Tgt Ion:330 Resp: 146
Ion Ratio Lower Upper
330 100
332 99.3 77.5 116.3
141 40.4 33.9 50.9





#15
2-Fluorobiphenyl
Concen: 0.018 ng
RT: 12.799 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN033594.D
Acq: 23 Aug 2024 17:47

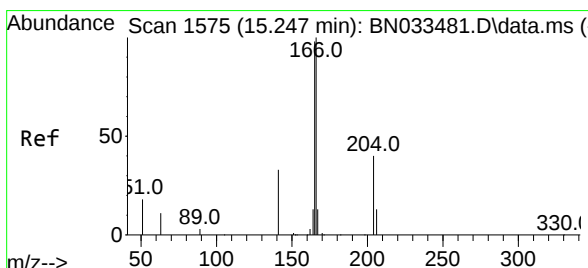
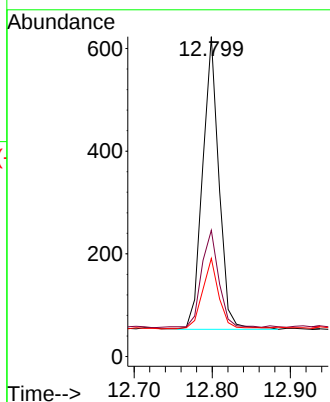
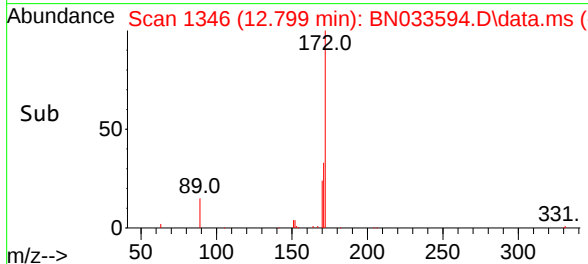
Instrument :
BNA_N
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919-J-SD-0.5-1-081624DL



Tgt Ion:172 Resp: 828
Ion Ratio Lower Upper
172 100
171 39.5 27.7 41.5
170 30.7 18.3 27.5

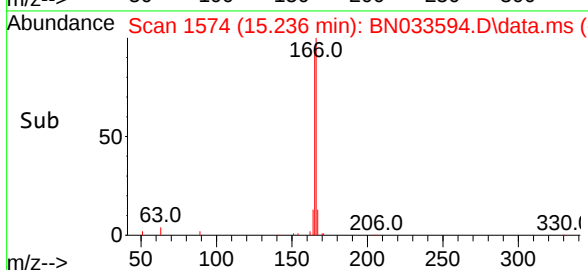
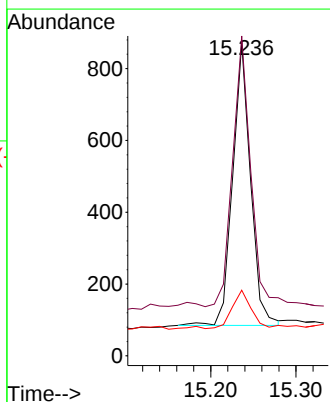
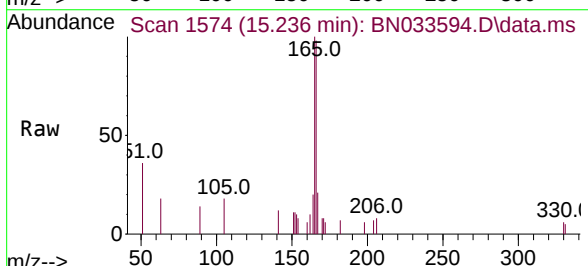
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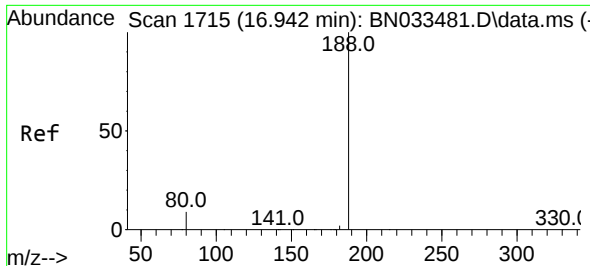
Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/29/2024



#18
Fluorene
Concen: 0.027 ng
RT: 15.236 min Scan# 1574
Delta R.T. -0.000 min
Lab File: BN033594.D
Acq: 23 Aug 2024 17:47

Tgt Ion:166 Resp: 1142
Ion Ratio Lower Upper
166 100
165 97.5 78.2 117.4
167 15.2 10.6 16.0





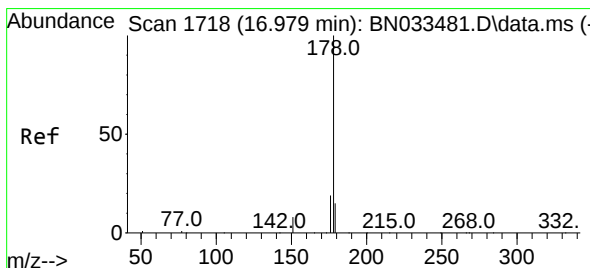
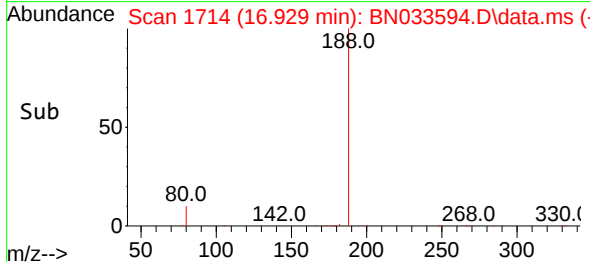
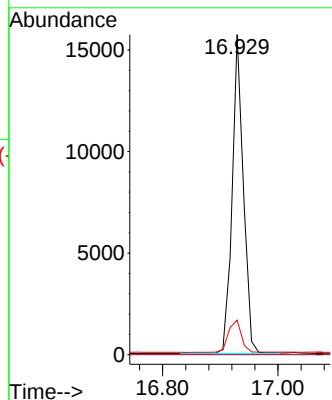
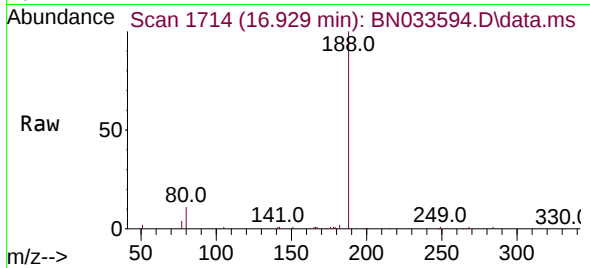
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Phenanthrene-d10
Concen: 0.400 ng
RT: 16.929 min Scan# 1715
Delta R.T. -0.000 min
Lab File: BN033594.D
Acq: 23 Aug 2024 17:47

Instrument :
BNA_N
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919-J-SD-0.5-1-081624DL

Tgt Ion:188 Resp: 21180
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.8 7.8 11.8

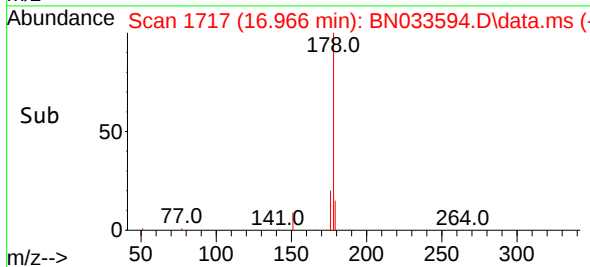
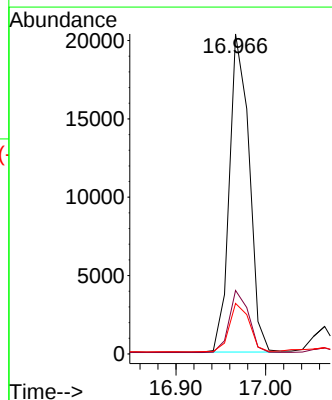
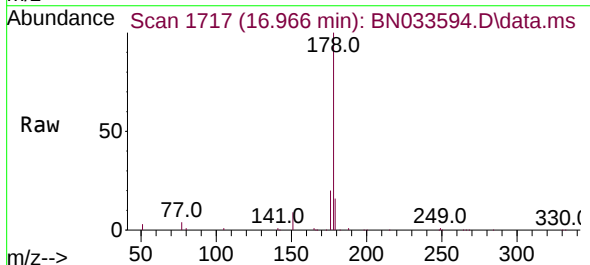
Manual Integrations
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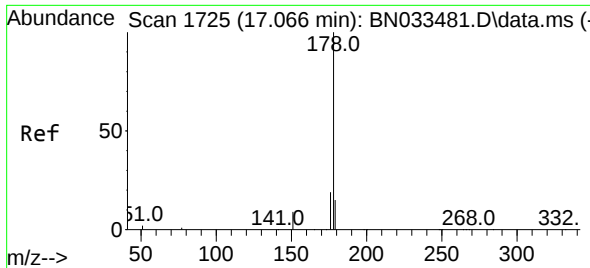
Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/29/2024



#25
Phenanthrene
Concen: 0.527 ng
RT: 16.966 min Scan# 1717
Delta R.T. -0.000 min
Lab File: BN033594.D
Acq: 23 Aug 2024 17:47

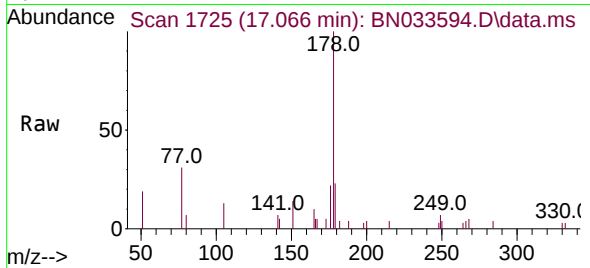
Tgt Ion:178 Resp: 31090
Ion Ratio Lower Upper
178 100
176 19.2 15.3 22.9
179 15.3 12.3 18.5





#26
 Anthracene
 Concen: 0.043 ng
 RT: 17.066 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BN033594.D
 Acq: 23 Aug 2024 17:47

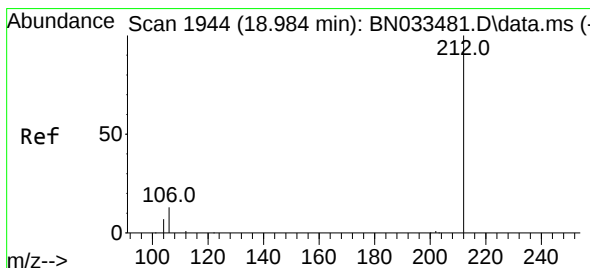
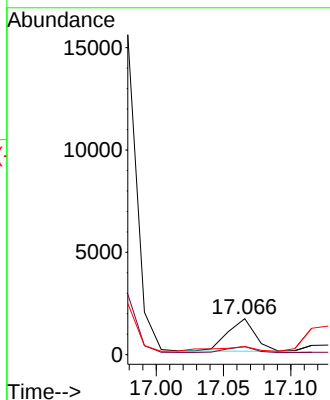
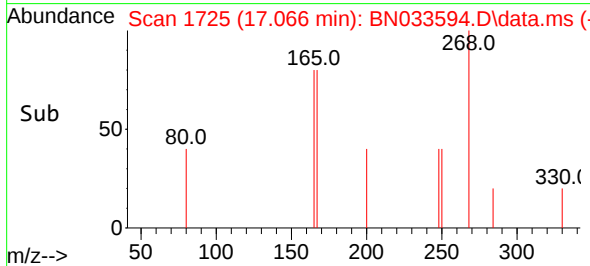
Instrument :
 BNA_N
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 919-J-SD-0.5-1-081624DL



Tgt Ion:178 Resp: 226
 Ion Ratio Lower Upper
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 176 17.8 15.0 22.6
 179 21.9 12.4 18.6

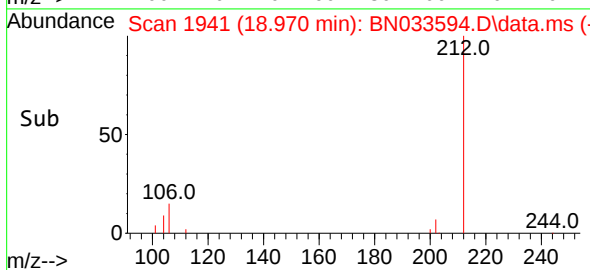
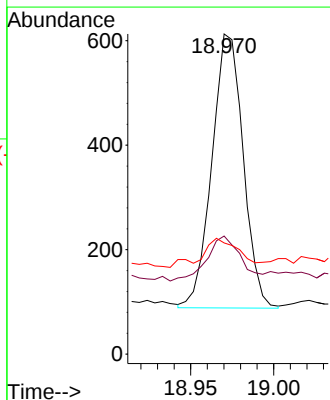
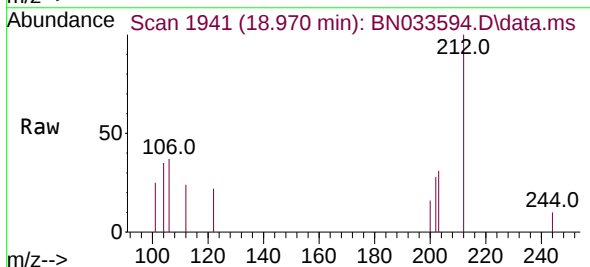
Manual Integrations
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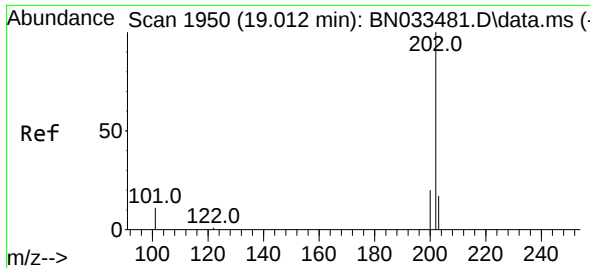
Reviewed By :Yogesh Patel 08/24/2024
 Supervised By :mohammad ahmed 08/29/2024



#27
 Fluoranthene-d10
 Concen: 0.013 ng
 RT: 18.970 min Scan# 1941
 Delta R.T. -0.000 min
 Lab File: BN033594.D
 Acq: 23 Aug 2024 17:47

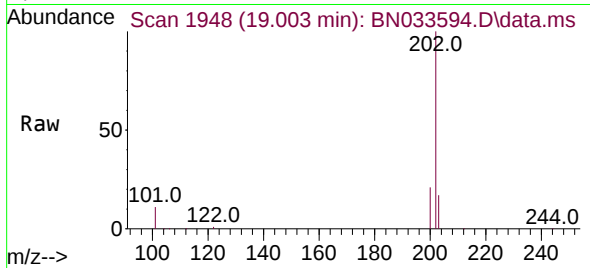
Tgt Ion:212 Resp: 687
 Ion Ratio Lower Upper
 212 100
 106 17.8 12.3 18.5
 104 13.1 7.0 10.4





#28
Fluoranthene
Concen: 1.441 ng
RT: 19.003 min Scan# 1948
Delta R.T. -0.000 min
Lab File: BN033594.D
Acq: 23 Aug 2024 17:47

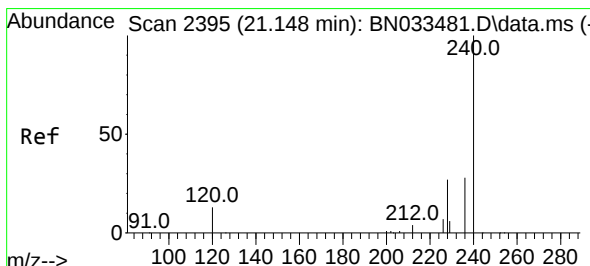
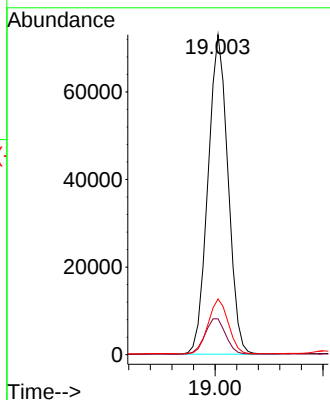
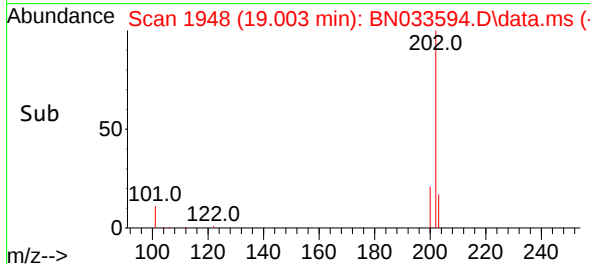
Instrument :
BNA_N
ClientSampleId :
919-J-SD-0.5-1-081624DL



Tgt Ion:202 Resp: 9388
Ion Ratio Lower Upper
202 100
101 11.5 9.5 14.3
203 17.3 13.8 20.6

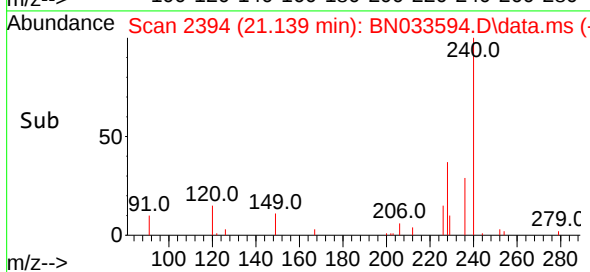
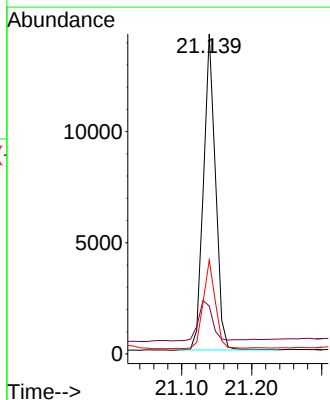
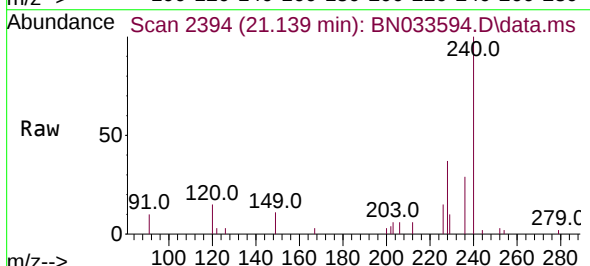
Manual Integrations
APPROVED

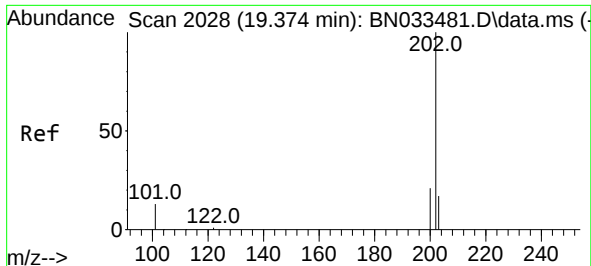
Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/29/2024



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.139 min Scan# 2394
Delta R.T. -0.000 min
Lab File: BN033594.D
Acq: 23 Aug 2024 17:47

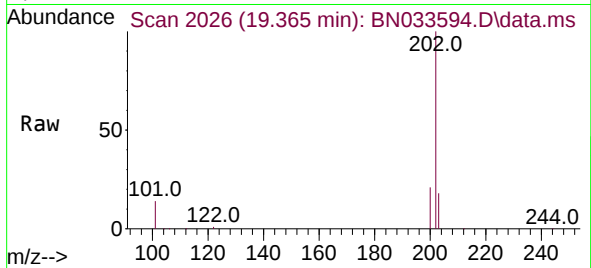
Tgt Ion:240 Resp: 16993
Ion Ratio Lower Upper
240 100
120 15.0 12.4 18.6
236 29.4 23.0 34.6





#30
 Pyrene
 Concen: 0.984 ng
 RT: 19.365 min Scan# 2026
 Delta R.T. -0.000 min
 Lab File: BN033594.D
 Acq: 23 Aug 2024 17:47

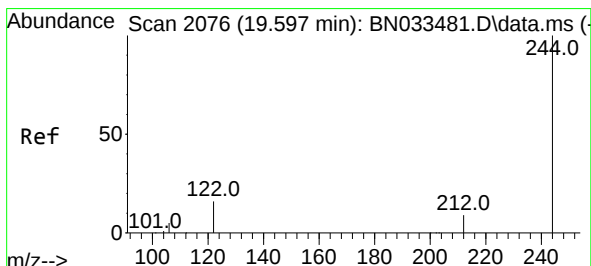
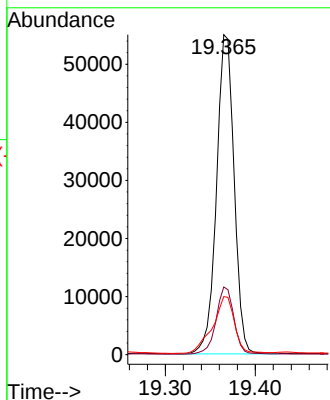
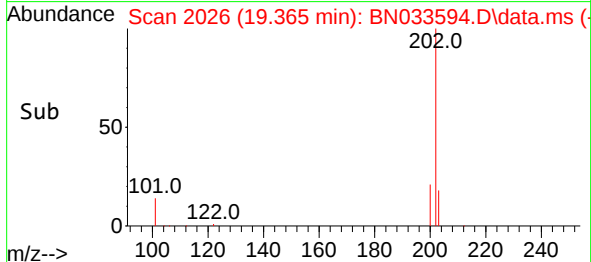
Instrument :
 BNA_N
 ClientSampleId :
 919-J-SD-0.5-1-081624DL



Tgt Ion:202 Resp: 74614
 Ion Ratio Lower Upper
 202 100
 200 21.2 16.6 24.8
 203 22.0 14.2 21.4

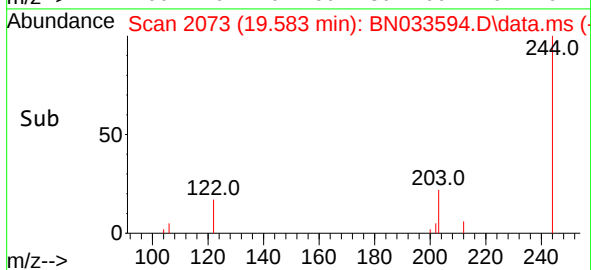
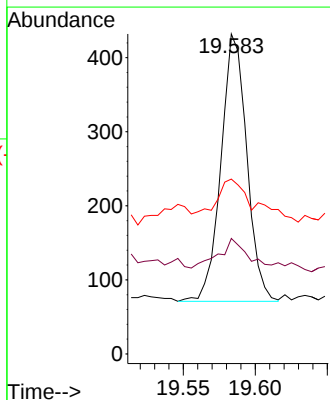
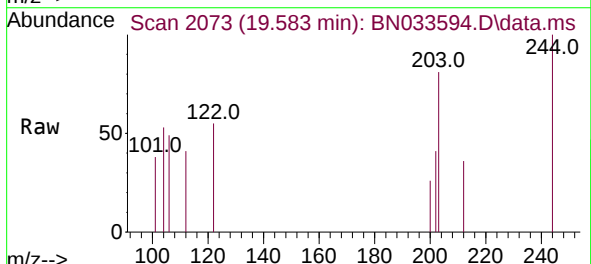
Manual Integrations
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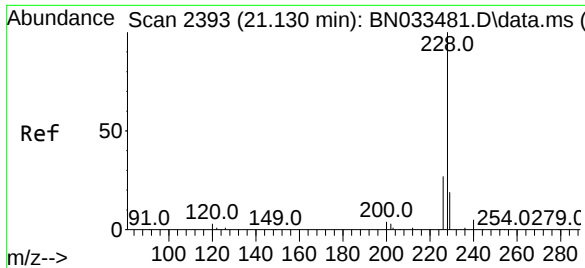
Reviewed By :Yogesh Patel 08/24/2024
 Supervised By :mohammad ahmed 08/29/2024



#31
 Terphenyl-d14
 Concen: 0.012 ng
 RT: 19.583 min Scan# 2073
 Delta R.T. -0.000 min
 Lab File: BN033594.D
 Acq: 23 Aug 2024 17:47

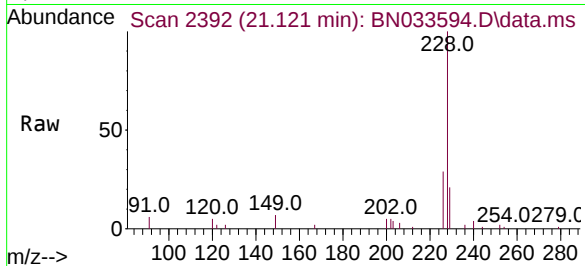
Tgt Ion:244 Resp: 450
 Ion Ratio Lower Upper
 244 100
 212 36.1 7.8 11.6#
 122 54.6 13.3 19.9#





#32
Benzo(a)anthracene
Concen: 0.505 ng
RT: 21.121 min Scan# 21121
Delta R.T. -0.000 min
Lab File: BN033594.D
Acq: 23 Aug 2024 17:47

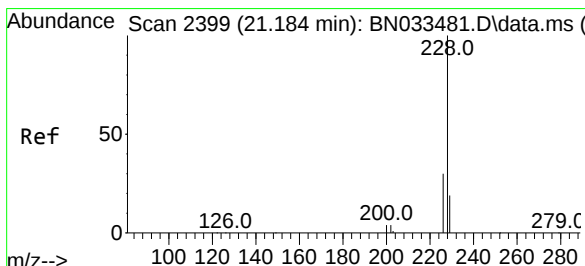
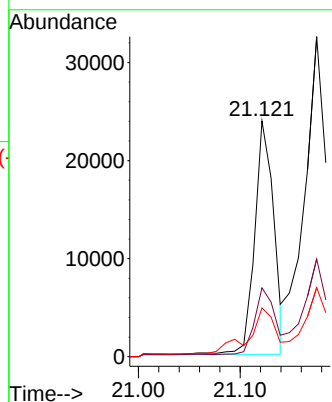
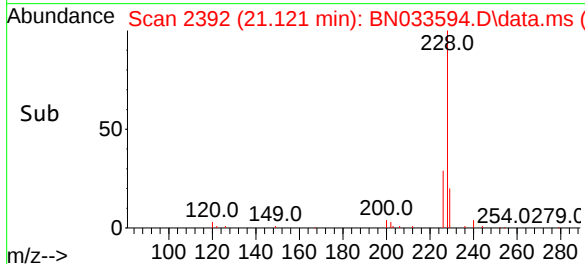
Instrument :
BNA_N
ClientSampleId :
919-J-SD-0.5-1-081624DL



Tgt Ion:228 Resp: 31050
Ion Ratio Lower Upper
228 100
226 29.2 21.8 32.6
229 20.7 15.8 23.6

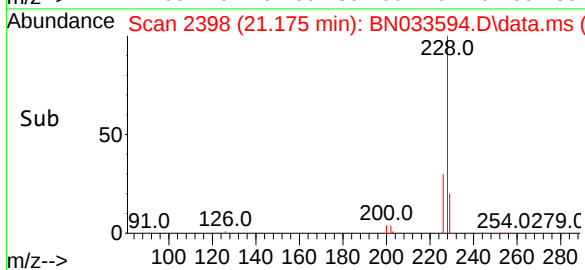
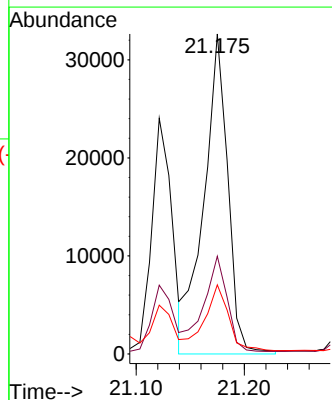
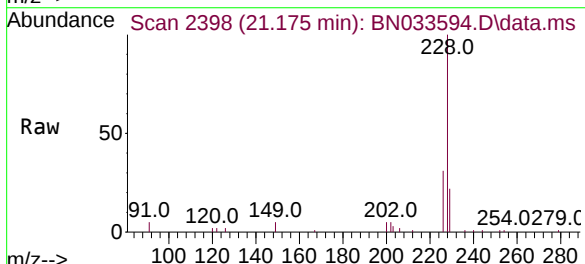
Manual Integrations
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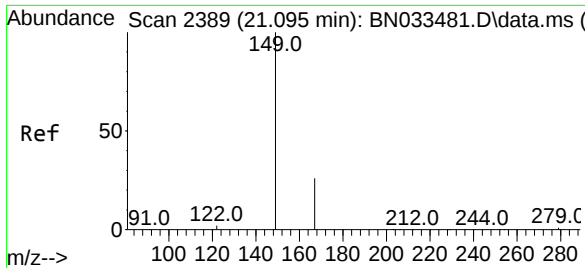
Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/29/2024



#33
Chrysene
Concen: 0.823 ng m
RT: 21.175 min Scan# 2398
Delta R.T. -0.000 min
Lab File: BN033594.D
Acq: 23 Aug 2024 17:47

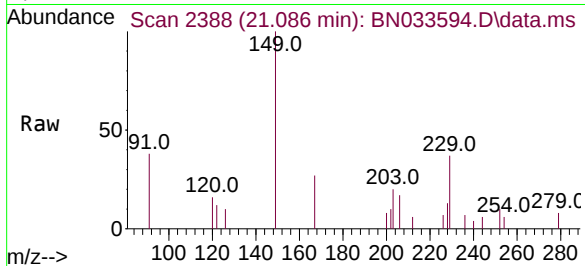
Tgt Ion:228 Resp: 50247
Ion Ratio Lower Upper
228 100
226 30.6 23.8 35.8
229 21.6 15.6 23.4





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.074 ng m
RT: 21.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN033594.D
Acq: 23 Aug 2024 17:47

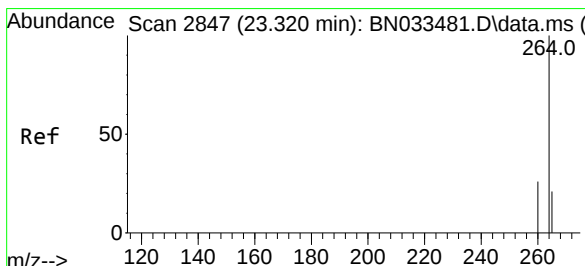
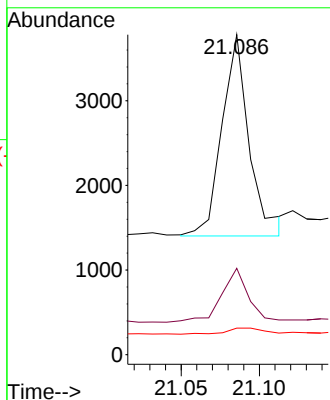
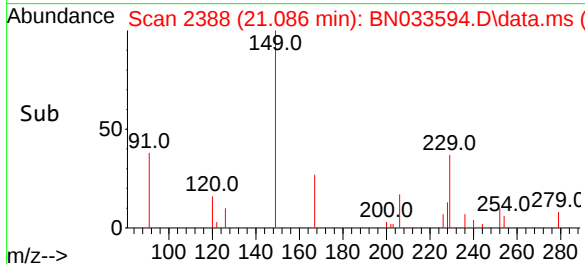
Instrument :
BNA_N
ClientSampleId :
919-J-SD-0.5-1-081624DL



Tgt Ion:149 Resp: 2875
Ion Ratio Lower Upper
149 100
167 44.3 21.5 32.3
279 0.0 2.2 3.2

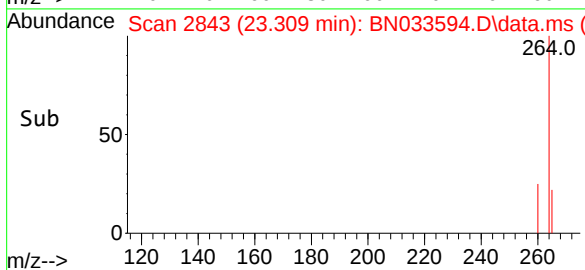
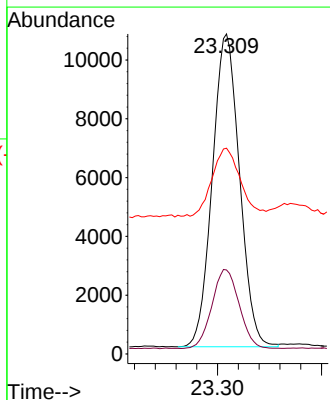
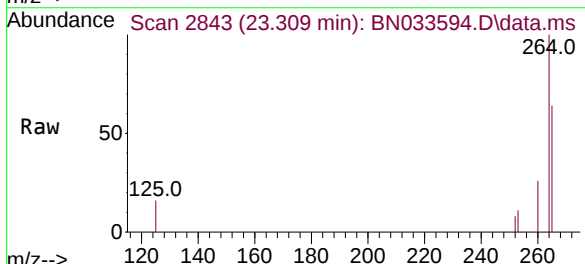
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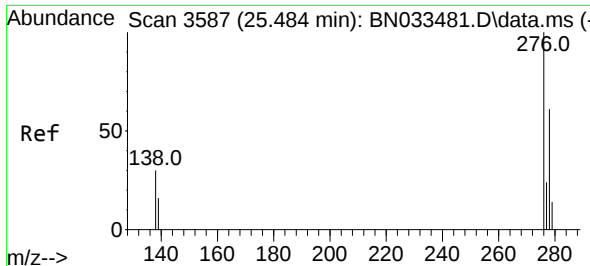
Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/29/2024



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.309 min Scan# 2843
Delta R.T. 0.006 min
Lab File: BN033594.D
Acq: 23 Aug 2024 17:47

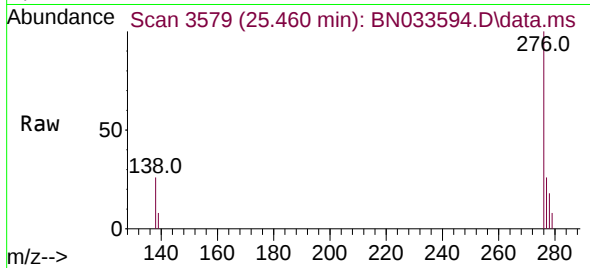
Tgt Ion:264 Resp: 19301
Ion Ratio Lower Upper
264 100
260 26.2 20.8 31.2
265 64.3 52.2 78.2





#36
Indeno(1,2,3-cd)pyrene
Concen: 0.420 ng
RT: 25.460 min Scan# 3579
Delta R.T. 0.012 min
Lab File: BN033594.D
Acq: 23 Aug 2024 17:47

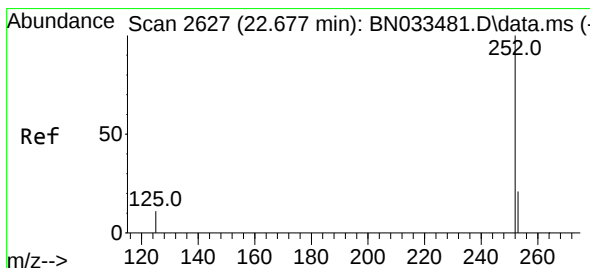
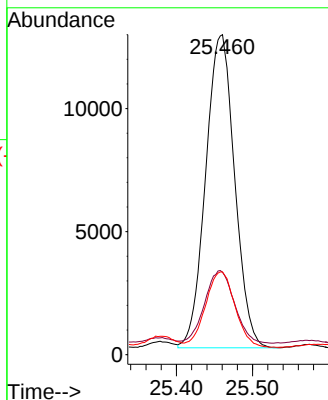
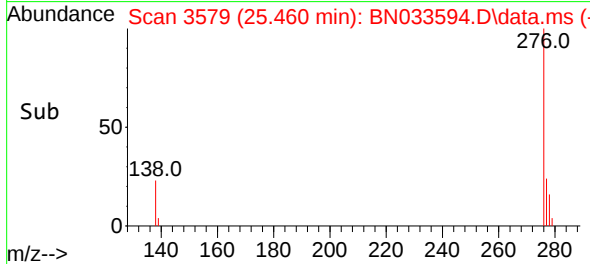
Instrument :
BNA_N
ClientSampleId :
919-J-SD-0.5-1-081624DL



Tgt Ion:276 Resp: 33638
Ion Ratio Lower Upper
276 100
138 23.8 24.4 36.6
277 24.5 19.8 29.6

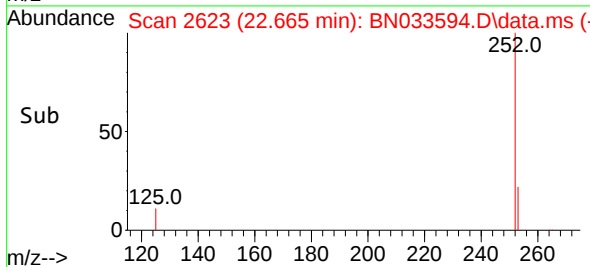
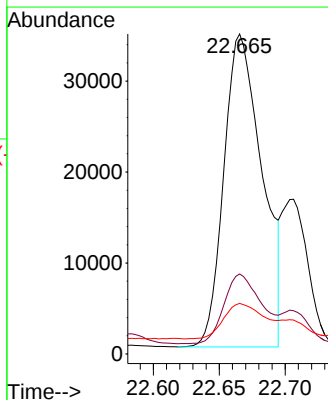
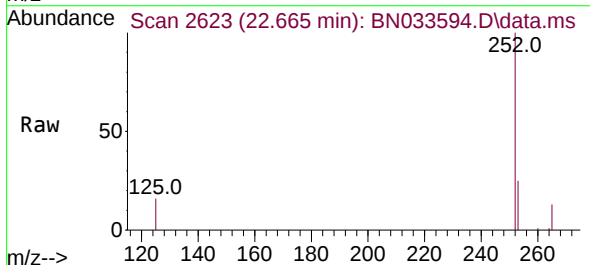
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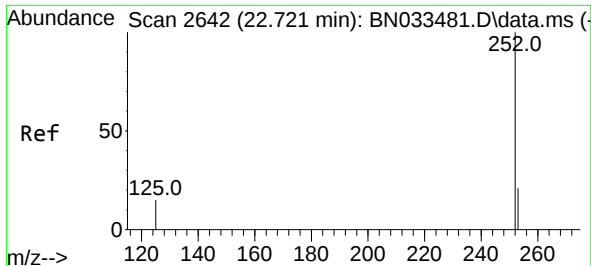
Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/29/2024



#37
Benzo(b)fluoranthene
Concen: 0.962 ng
RT: 22.665 min Scan# 2623
Delta R.T. 0.006 min
Lab File: BN033594.D
Acq: 23 Aug 2024 17:47

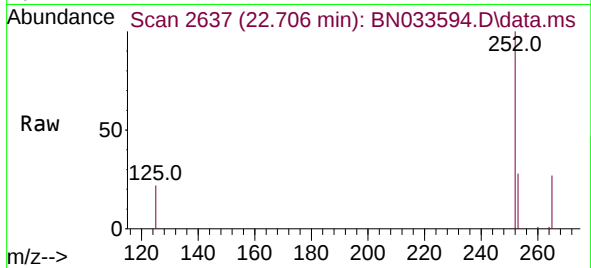
Tgt Ion:252 Resp: 69363
Ion Ratio Lower Upper
252 100
253 25.0 19.8 29.8
125 15.8 13.9 20.9





#38
Benzo(k)fluoranthene
Concen: 0.328 ng m
RT: 22.706 min Scan# 2637
Delta R.T. 0.003 min
Lab File: BN033594.D
Acq: 23 Aug 2024 17:47

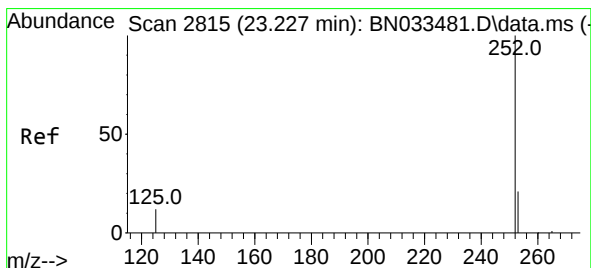
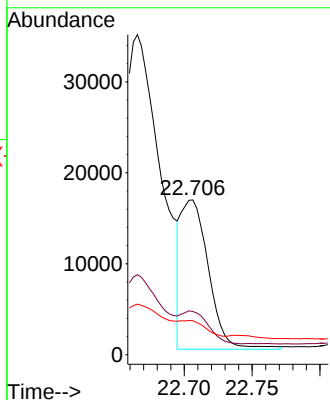
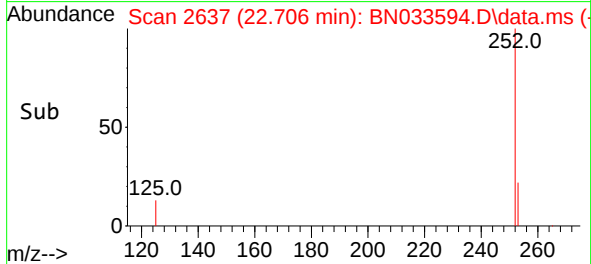
Instrument :
BNA_N
ClientSampleId :
919-J-SD-0.5-1-081624DL



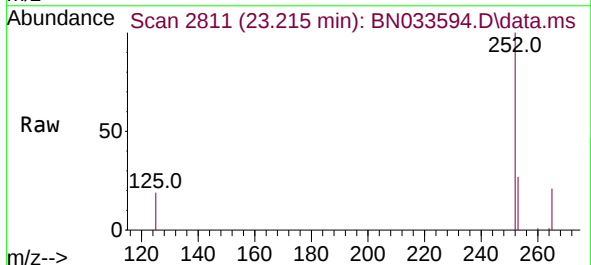
Tgt Ion:252 Resp: 2327
Ion Ratio Lower Upper
252 100
253 28.0 19.8 29.8
125 21.9 15.8 23.8

Manual Integrations
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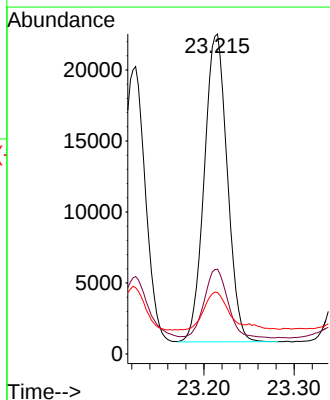
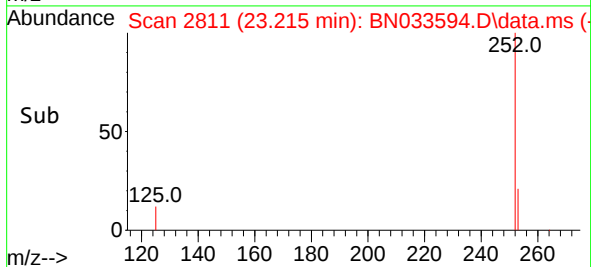
Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/29/2024

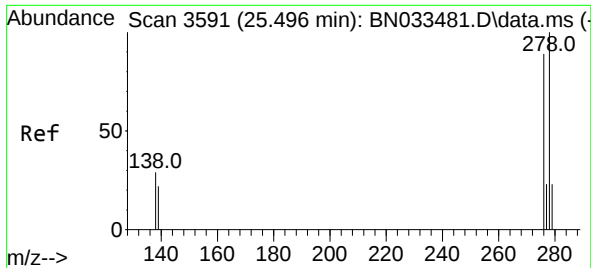


#39
Benzo(a)pyrene
Concen: 0.643 ng
RT: 23.215 min Scan# 2811
Delta R.T. 0.006 min
Lab File: BN033594.D
Acq: 23 Aug 2024 17:47



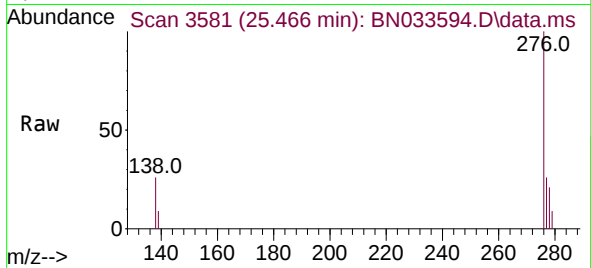
Tgt Ion:252 Resp: 38335
Ion Ratio Lower Upper
252 100
253 26.5 21.5 32.3
125 19.1 17.0 25.4





#40
Dibenzo(a,h)anthracene
Concen: 0.112 ng
RT: 25.466 min Scan# 31
Delta R.T. -0.003 min
Lab File: BN033594.D
Acq: 23 Aug 2024 17:47

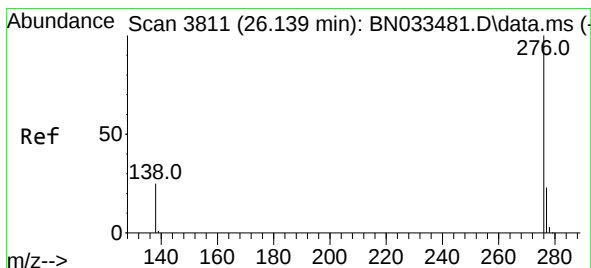
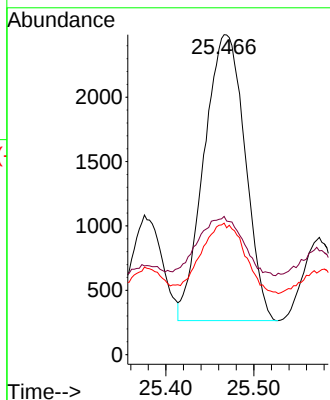
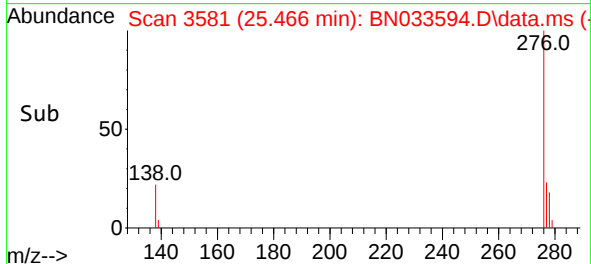
Instrument :
BNA_N
ClientSampleId :
919-J-SD-0.5-1-081624DL



Tgt Ion:278 Resp: 7170
Ion Ratio Lower Upper
278 100
139 43.2 19.1 28.7
279 41.1 21.0 31.4

Manual Integrations
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Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/29/2024



#41
Benzo(g,h,i)perylene
Concen: 0.488 ng
RT: 26.112 min Scan# 3802
Delta R.T. 0.009 min
Lab File: BN033594.D
Acq: 23 Aug 2024 17:47

Tgt Ion:276 Resp: 33462
Ion Ratio Lower Upper
276 100
277 25.3 19.7 29.5
138 27.1 21.8 32.6

