

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082224\
 Data File : BN033554.D
 Acq On : 22 Aug 2024 15:54
 Operator : MA/JU
 Sample : P3663-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 916-J-SD-0.5-1-081624

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/23/2024
 Supervised By :mohammad ahmed 08/24/2024

Quant Time: Aug 22 16:52:25 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 19 23:32:18 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.545	152	7277	0.400	ng	-0.01
7) Naphthalene-d8	10.304	136	18704	0.400	ng	-0.01
13) Acenaphthene-d10	14.178	164	8929	0.400	ng	-0.01
19) Phenanthrene-d10	16.929	188	17949	0.400	ng	#-0.01
29) Chrysene-d12	21.139	240	14804	0.400	ng	0.00
35) Perylene-d12	23.309	264	16545	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.183	112	4844	0.209	ng	0.00
5) Phenol-d6	6.736	99	5703	0.207	ng	0.00
8) Nitrobenzene-d5	8.681	82	4114	0.265	ng	-0.01
11) 2-Methylnaphthalene-d10	11.903	152	5596	0.209	ng	-0.01
14) 2,4,6-Tribromophenol	15.676	330	944	0.197	ng	-0.01
15) 2-Fluorobiphenyl	12.799	172	7438	0.204	ng	-0.01
27) Fluoranthene-d10	18.970	212	7598	0.176	ng	-0.01
31) Terphenyl-d14	19.588	244	5178	0.154	ng	0.00
Target Compounds						
25) Phenanthrene	16.966	178	2616	0.052	ng	97
28) Fluoranthene	19.003	202	5650	0.102	ng	99
30) Pyrene	19.365	202	5538	0.084	ng	96
32) Benzo(a)anthracene	21.121	228	2819	0.053	ng	# 86
33) Chrysene	21.175	228	3587	0.067	ng	# 91
34) Bis(2-ethylhexyl)phtha...	21.085	149	4154m	0.123	ng	
36) Indeno(1,2,3-cd)pyrene	25.460	276	2410	0.035	ng	94
37) Benzo(b)fluoranthene	22.668	252	4869	0.079	ng	# 33
38) Benzo(k)fluoranthene	22.706	252	1946m	0.032	ng	
39) Benzo(a)pyrene	23.212	252	3024	0.059	ng	# 23
41) Benzo(g,h,i)perylene	26.112	276	2418	0.041	ng	# 40

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

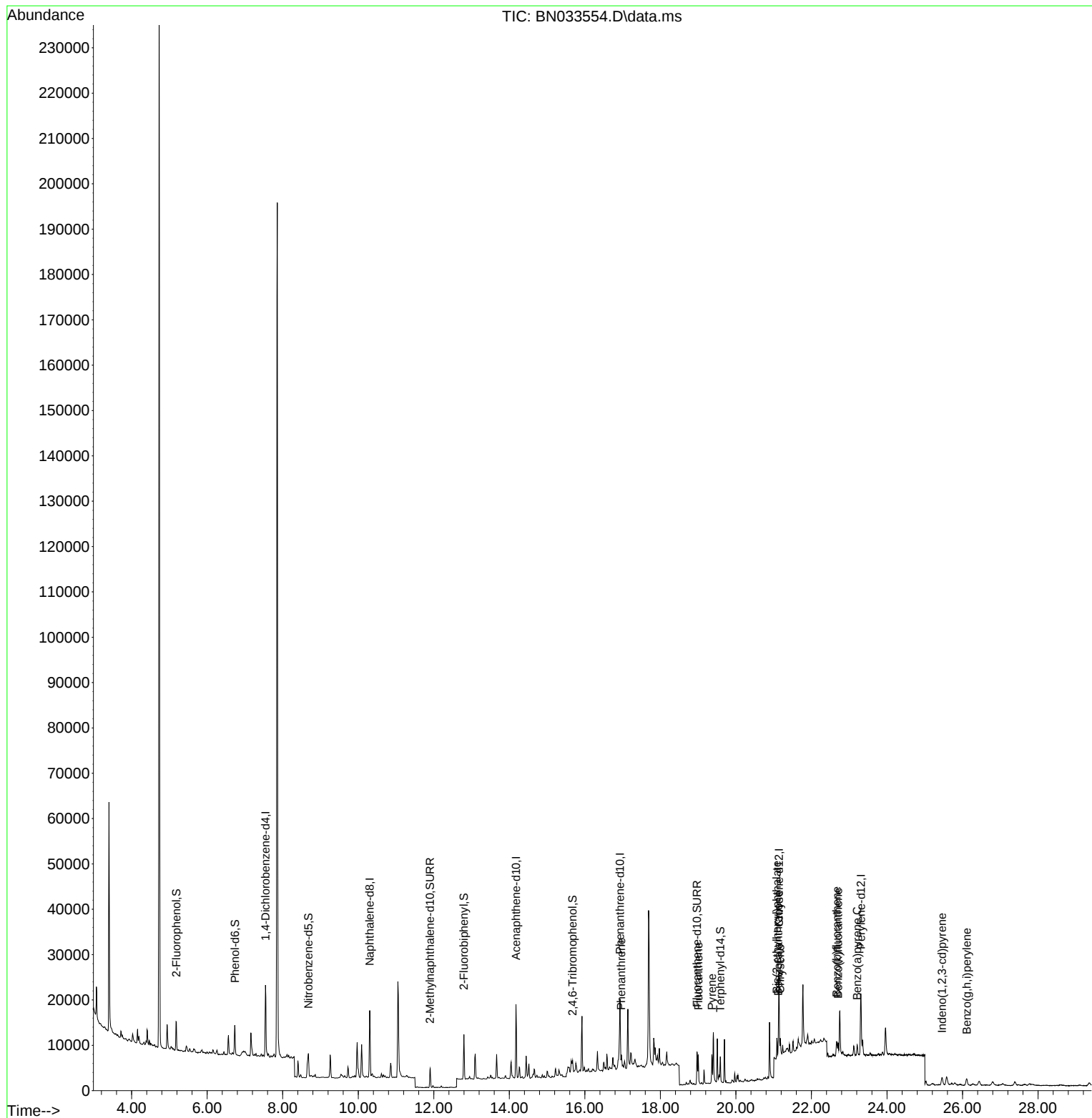
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082224\
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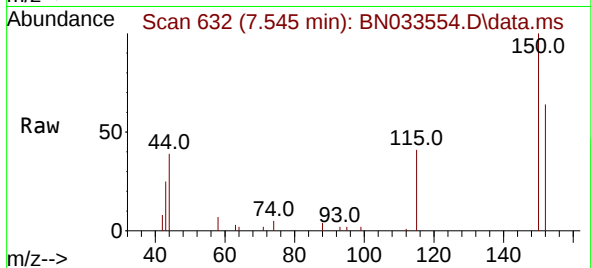
Reviewed By :Yogesh Patel 08/23/2024
Supervised By :mohammad ahmed 08/24/2024





#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.545 min Scan# 61
 Delta R.T. -0.014 min
 Lab File: BN033554.D
 Acq: 22 Aug 2024 15:54

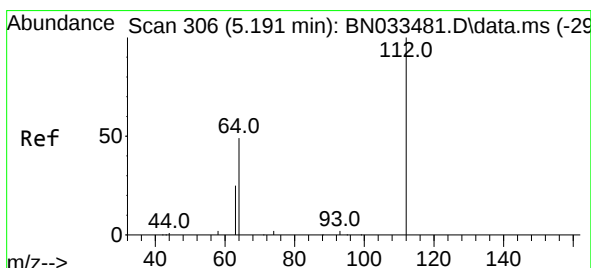
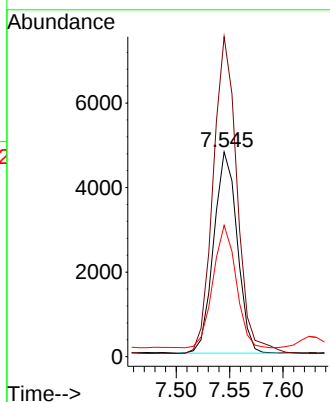
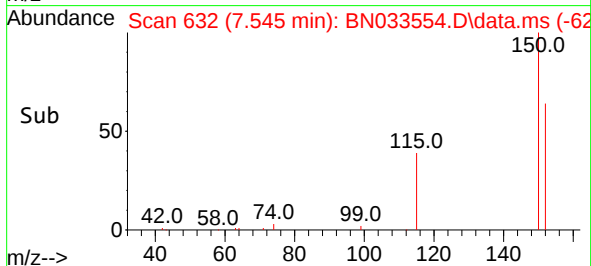
Instrument :
 BNA_N
 ClientSampleId :
 916-J-SD-0.5-1-081624



Tgt Ion:152 Resp: 727
 Ion Ratio Lower Upper
 152 100
 150 156.3 122.2 183.2
 115 64.1 47.2 70.8

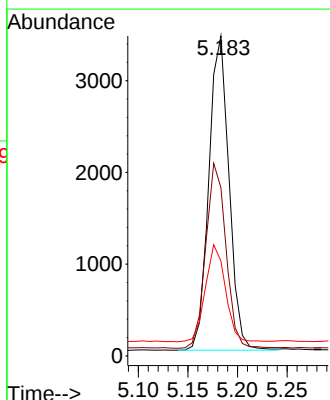
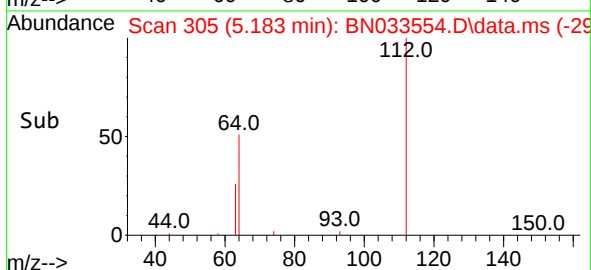
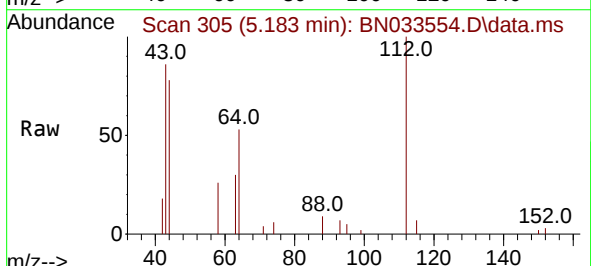
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 Supervised By :mohammad ahmed 08/24/2024



#4
 2-Fluorophenol
 Concen: 0.209 ng
 RT: 5.183 min Scan# 305
 Delta R.T. -0.007 min
 Lab File: BN033554.D
 Acq: 22 Aug 2024 15:54

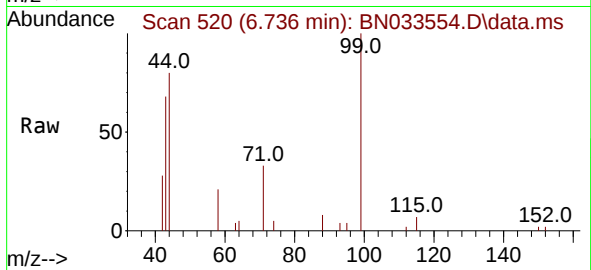
Tgt Ion:112 Resp: 4844
 Ion Ratio Lower Upper
 112 100
 64 58.7 47.1 70.7
 63 30.5 24.9 37.3





#5
Phenol-d6
Concen: 0.207 ng
RT: 6.736 min Scan# 51
Delta R.T. -0.007 min
Lab File: BN033554.D
Acq: 22 Aug 2024 15:54

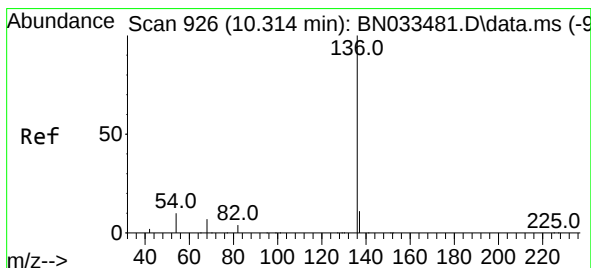
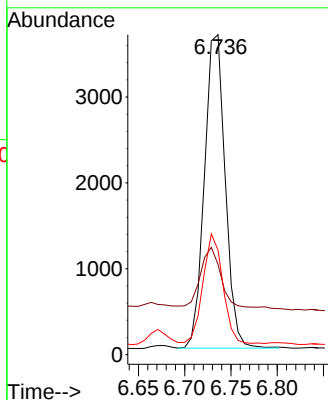
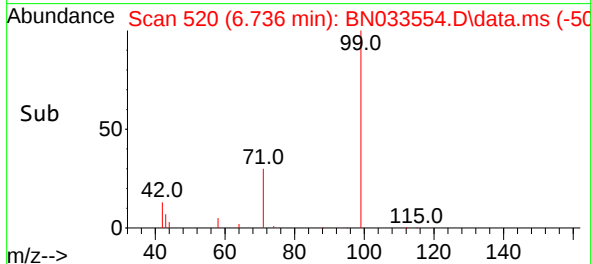
Instrument :
BNA_N
ClientSampleId :
916-J-SD-0.5-1-081624



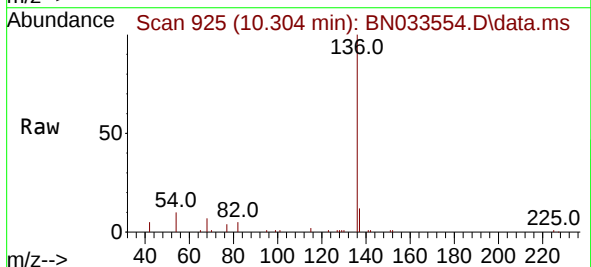
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Ion Ratio Lower Upper
99 100
42 19.9 16.6 24.8
71 33.7 26.2 39.4

Manual Integrations
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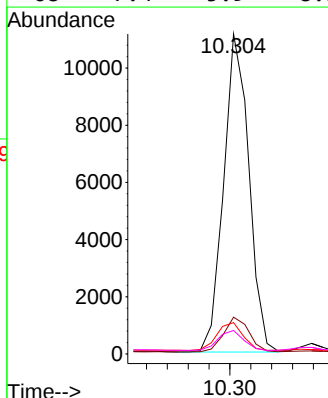
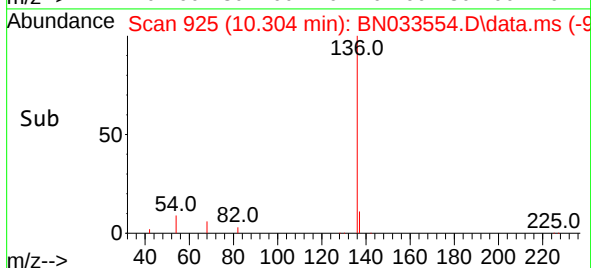
Reviewed By :Yogesh Patel 08/23/2024
Supervised By :mohammad ahmed 08/24/2024



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.304 min Scan# 925
Delta R.T. -0.011 min
Lab File: BN033554.D
Acq: 22 Aug 2024 15:54



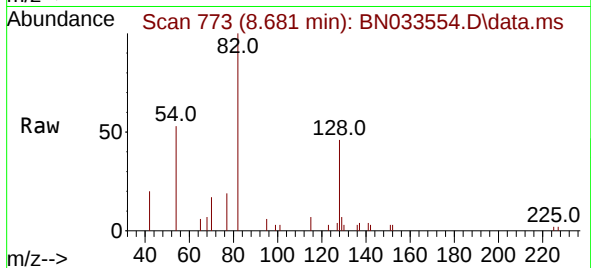
Tgt Ion:136 Resp: 18704
Ion Ratio Lower Upper
136 100
137 11.5 9.0 13.6
54 9.8 8.3 12.5
68 7.4 5.9 8.9





#8
Nitrobenzene-d5
Concen: 0.265 ng
RT: 8.681 min Scan# 71
Delta R.T. -0.011 min
Lab File: BN033554.D
Acq: 22 Aug 2024 15:54

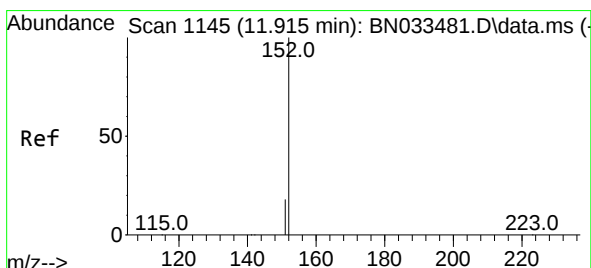
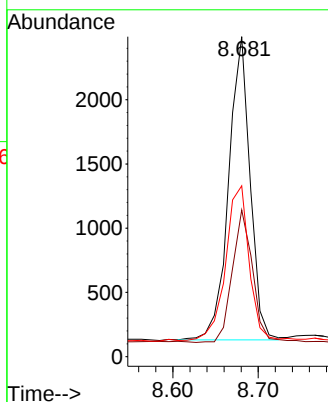
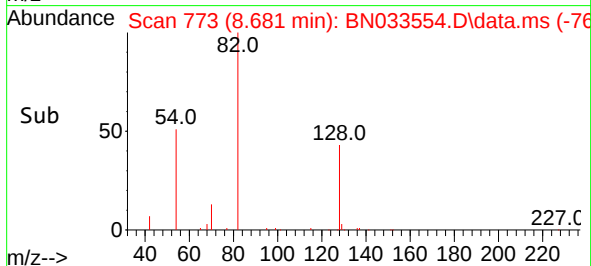
Instrument :
BNA_N
ClientSampleId :
916-J-SD-0.5-1-081624



Tgt Ion: 82 Resp: 4114
Ion Ratio Lower Upper
82 100
128 45.8 36.0 54.0
54 53.4 42.0 63.0

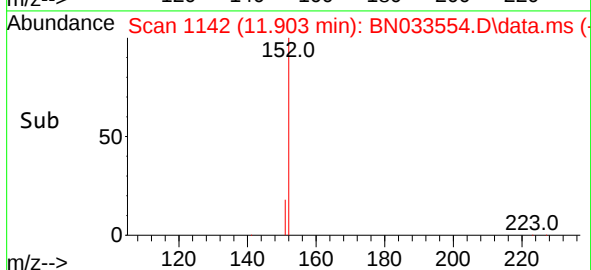
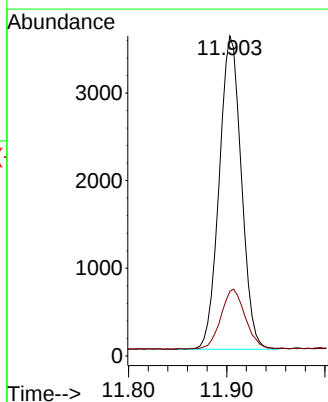
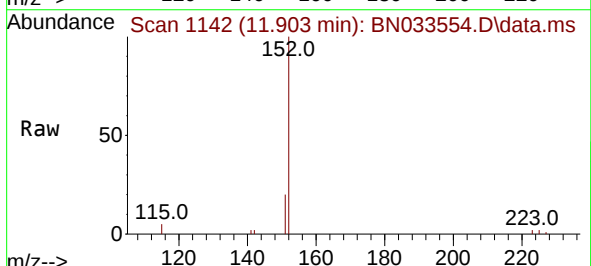
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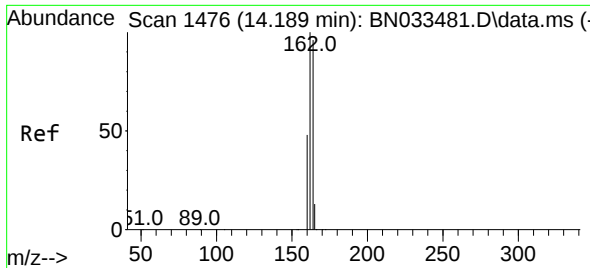
Reviewed By :Yogesh Patel 08/23/2024
Supervised By :mohammad ahmed 08/24/2024



#11
2-Methylnaphthalene-d10
Concen: 0.209 ng
RT: 11.903 min Scan# 1142
Delta R.T. -0.011 min
Lab File: BN033554.D
Acq: 22 Aug 2024 15:54

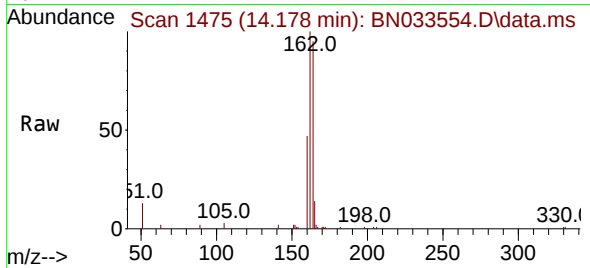
Tgt Ion:152 Resp: 5596
Ion Ratio Lower Upper
152 100
151 21.1 16.6 25.0





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.178 min Scan# 1475
Delta R.T. -0.011 min
Lab File: BN033554.D
Acq: 22 Aug 2024 15:54

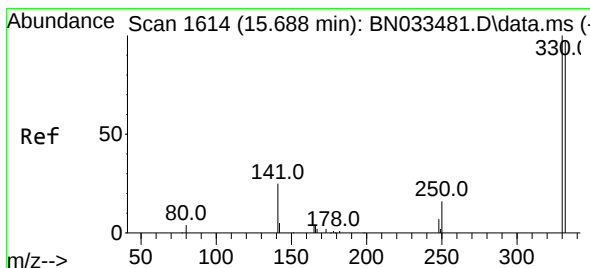
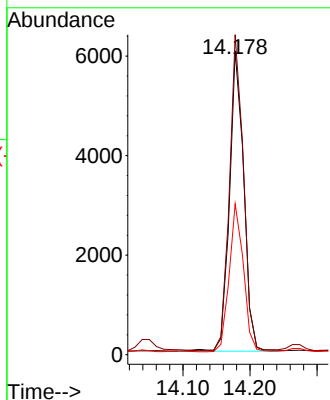
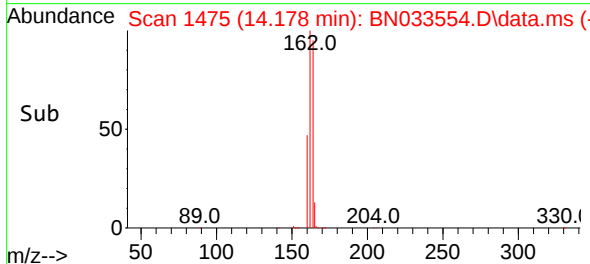
Instrument :
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916-J-SD-0.5-1-081624



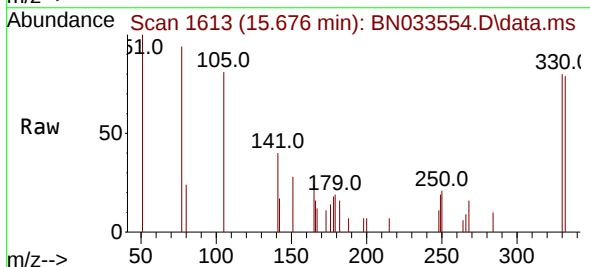
Tgt Ion:164 Resp: 8929
Ion Ratio Lower Upper
164 100
162 105.3 83.5 125.3
160 49.6 40.2 60.4

Manual Integrations
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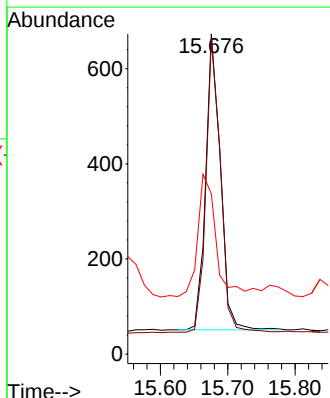
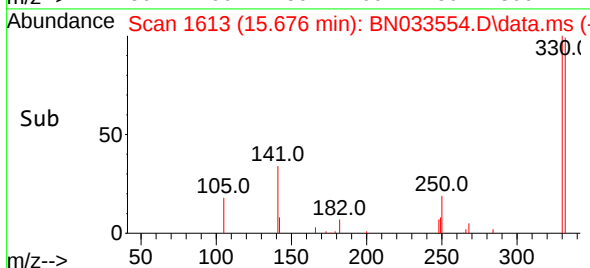
Reviewed By :Yogesh Patel 08/23/2024
Supervised By :mohammad ahmed 08/24/2024

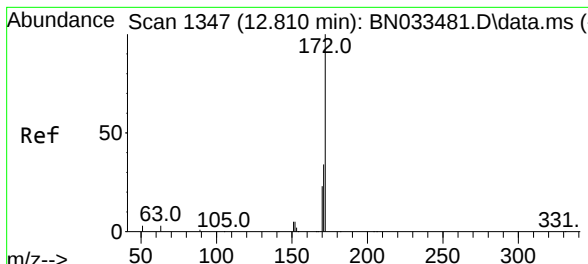


#14
2,4,6-Tribromophenol
Concen: 0.197 ng
RT: 15.676 min Scan# 1613
Delta R.T. -0.013 min
Lab File: BN033554.D
Acq: 22 Aug 2024 15:54



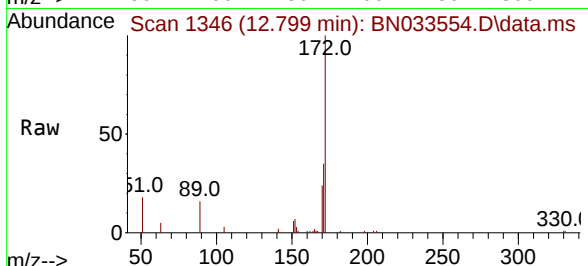
Tgt Ion:330 Resp: 944
Ion Ratio Lower Upper
330 100
332 99.0 77.5 116.3
141 51.1 33.9 50.9#





#15
2-Fluorobiphenyl
Concen: 0.204 ng
RT: 12.799 min Scan# 1346
Delta R.T. -0.011 min
Lab File: BN033554.D
Acq: 22 Aug 2024 15:54

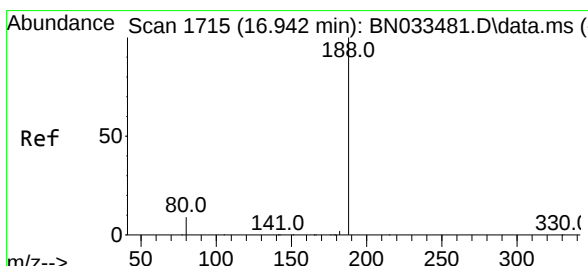
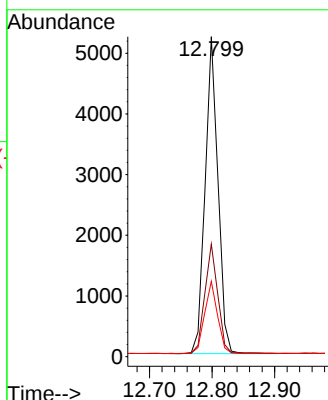
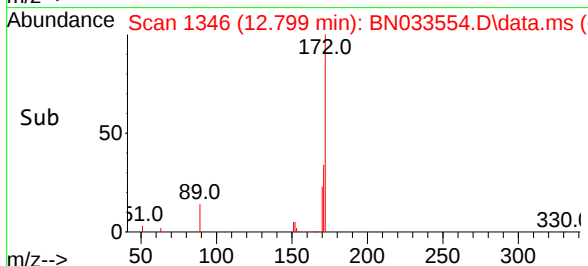
Instrument : BNA_N
ClientSampleId : 916-J-SD-0.5-1-081624



Tgt Ion:	172	Resp:	7438
Ion Ratio	Lower	Upper	
172	100		
171	35.2	27.7	41.5
170	23.6	18.3	27.5

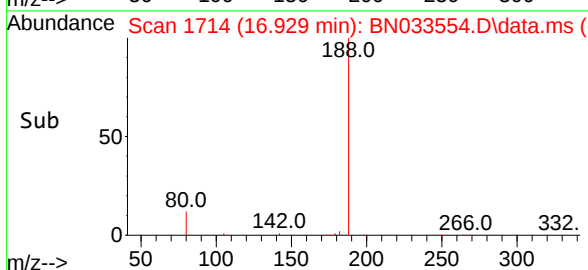
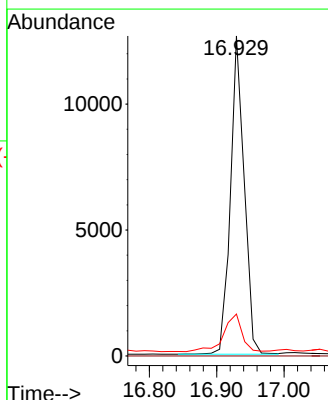
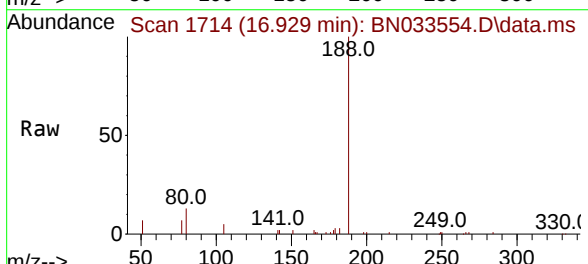
Manual Integrations
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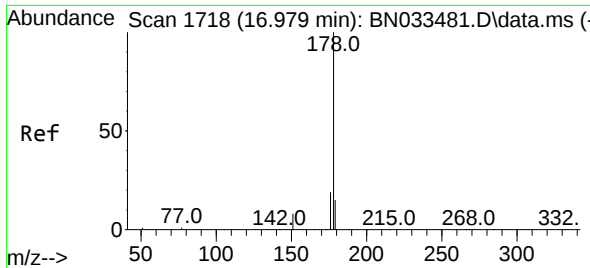
Reviewed By :Yogesh Patel 08/23/2024
Supervised By :mohammad ahmed 08/24/2024



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.929 min Scan# 1714
Delta R.T. -0.013 min
Lab File: BN033554.D
Acq: 22 Aug 2024 15:54

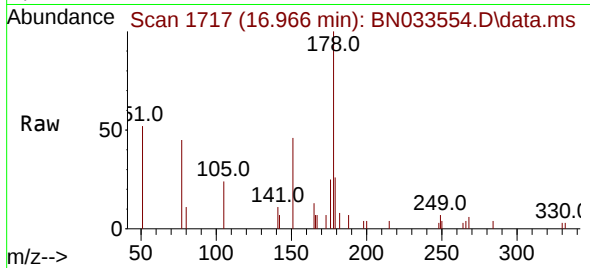
Tgt Ion:	188	Resp:	17949
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	13.1	7.8	11.8





#25
Phenanthrene
Concen: 0.052 ng
RT: 16.966 min Scan# 11
Delta R.T. -0.013 min
Lab File: BN033554.D
Acq: 22 Aug 2024 15:54

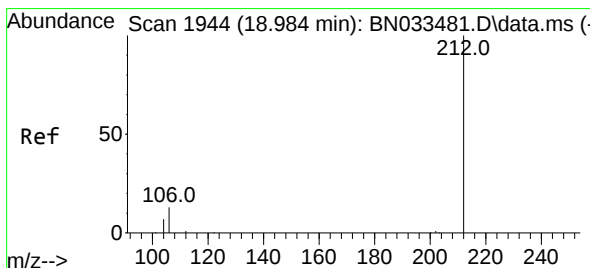
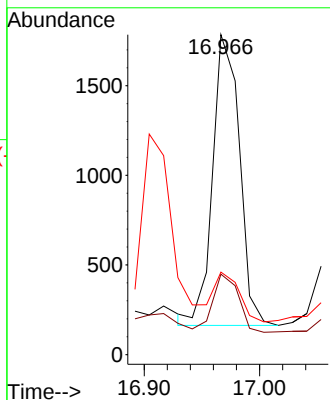
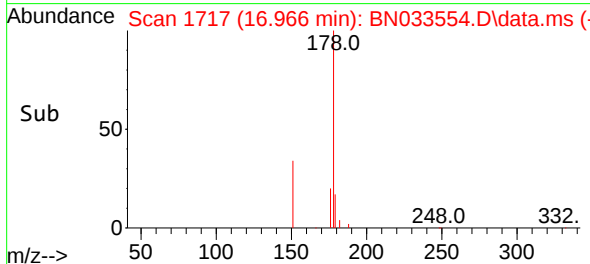
Instrument :
BNA_N
ClientSampleId :
916-J-SD-0.5-1-081624



Tgt Ion:178 Resp: 2610
Ion Ratio Lower Upper
178 100
176 19.0 15.3 22.9
179 17.9 12.3 18.5

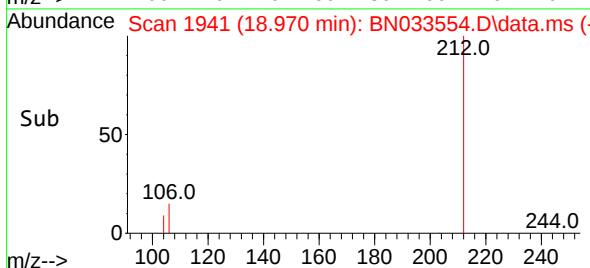
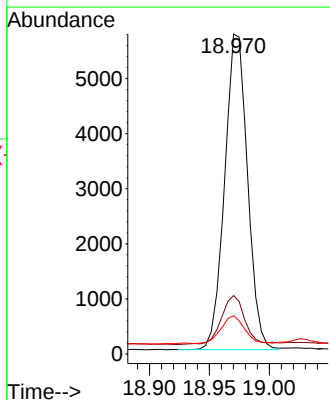
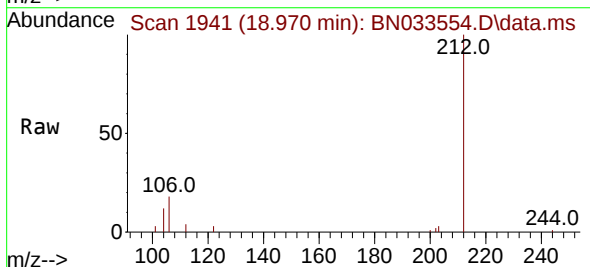
Manual Integrations
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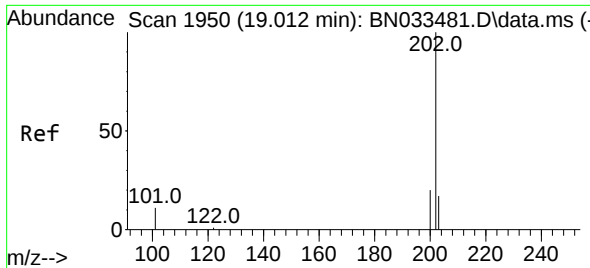
Reviewed By :Yogesh Patel 08/23/2024
Supervised By :mohammad ahmed 08/24/2024



#27
Fluoranthene-d10
Concen: 0.176 ng
RT: 18.970 min Scan# 1941
Delta R.T. -0.014 min
Lab File: BN033554.D
Acq: 22 Aug 2024 15:54

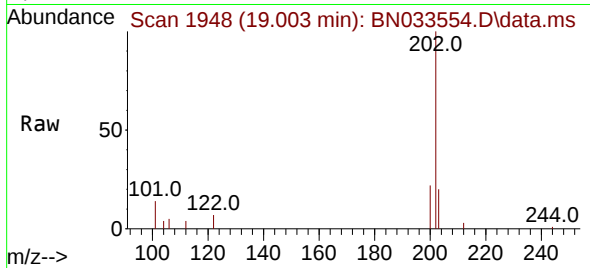
Tgt Ion:212 Resp: 7598
Ion Ratio Lower Upper
212 100
106 15.7 12.3 18.5
104 9.1 7.0 10.4





#28
Fluoranthene
Concen: 0.102 ng
RT: 19.003 min Scan# 1948
Delta R.T. -0.009 min
Lab File: BN033554.D
Acq: 22 Aug 2024 15:54

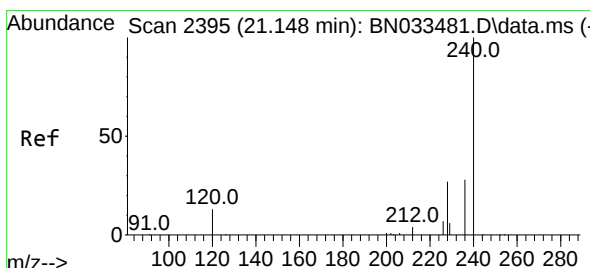
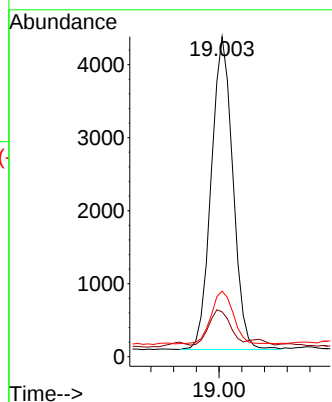
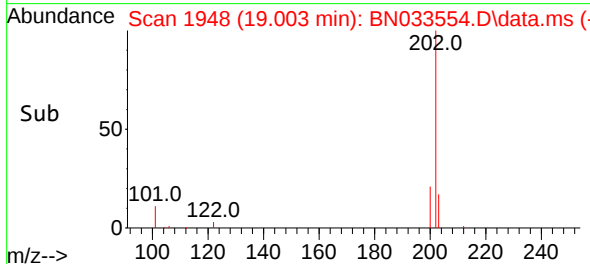
Instrument :
BNA_N
ClientSampleId :
916-J-SD-0.5-1-081624



Tgt Ion:202 Resp: 5650
Ion Ratio Lower Upper
202 100
101 11.2 9.5 14.3
203 17.0 13.8 20.6

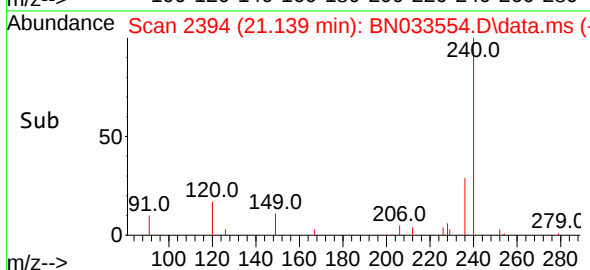
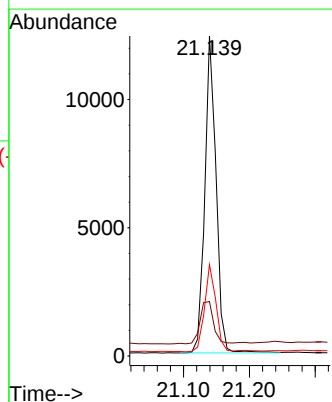
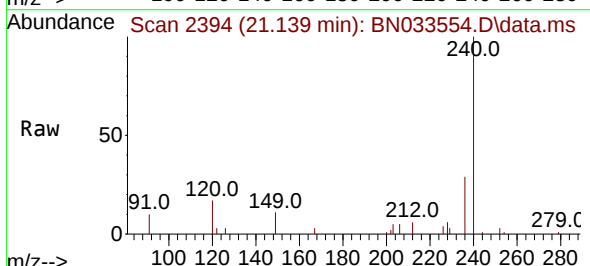
Manual Integrations
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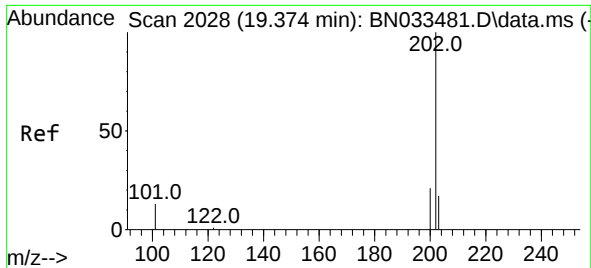
Reviewed By :Yogesh Patel 08/23/2024
Supervised By :mohammad ahmed 08/24/2024



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.139 min Scan# 2394
Delta R.T. -0.009 min
Lab File: BN033554.D
Acq: 22 Aug 2024 15:54

Tgt Ion:240 Resp: 14804
Ion Ratio Lower Upper
240 100
120 17.0 12.4 18.6
236 28.6 23.0 34.6





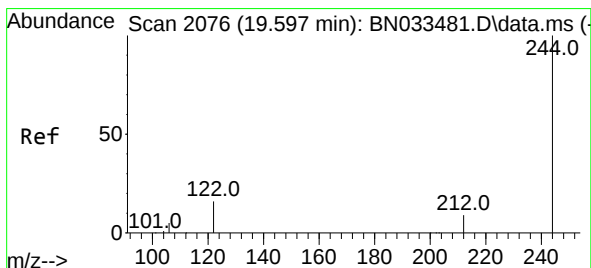
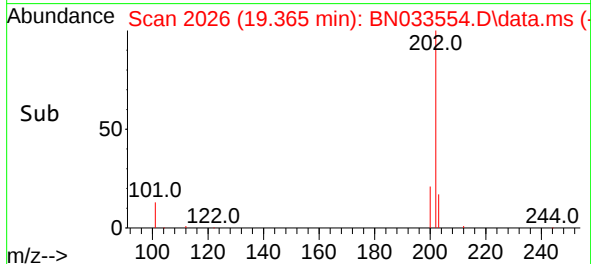
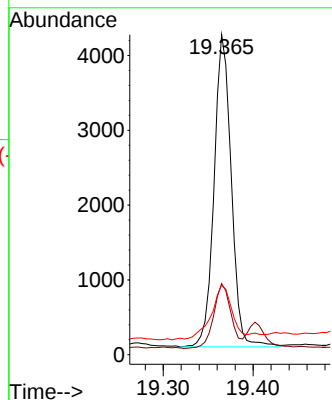
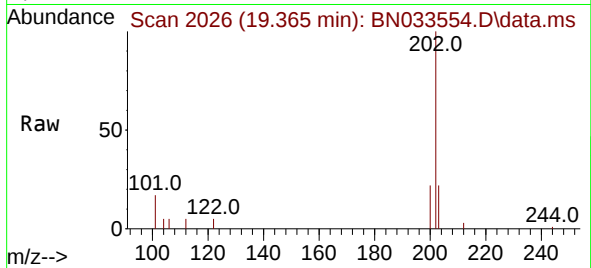
#30
 Pyrene
 Concen: 0.084 ng
 RT: 19.365 min Scan# 2026
 Delta R.T. -0.009 min
 Lab File: BN033554.D
 Acq: 22 Aug 2024 15:54

Instrument :
 BNA_N
 ClientSampleId :
 916-J-SD-0.5-1-081624

Tgt Ion:202 Resp: 5538
 Ion Ratio Lower Upper
 202 100
 200 21.1 16.6 24.8
 203 21.3 14.2 21.4

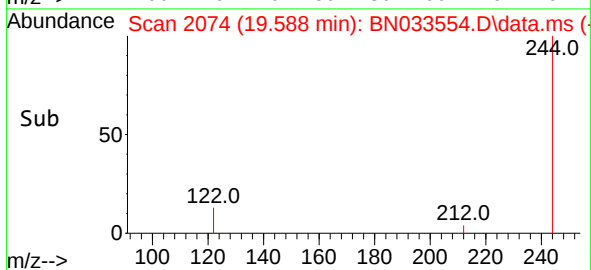
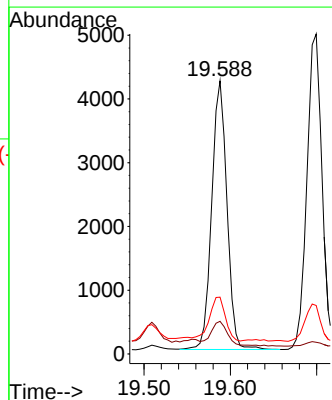
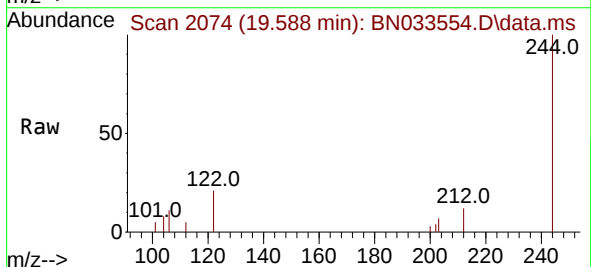
Manual Integrations
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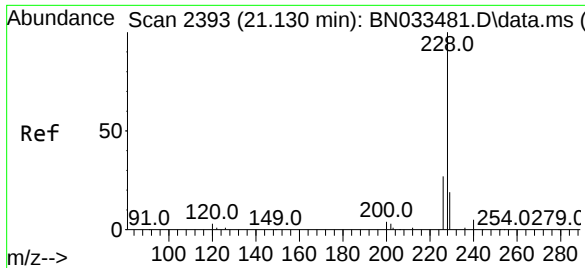
Reviewed By :Yogesh Patel 08/23/2024
 Supervised By :mohammad ahmed 08/24/2024



#31
 Terphenyl-d14
 Concen: 0.154 ng
 RT: 19.588 min Scan# 2074
 Delta R.T. -0.009 min
 Lab File: BN033554.D
 Acq: 22 Aug 2024 15:54

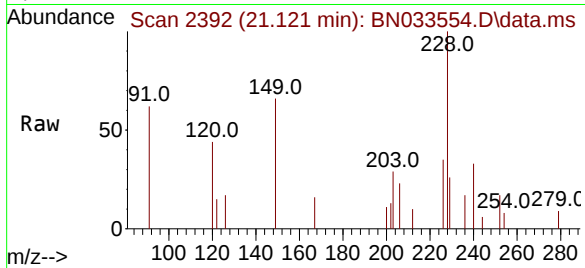
Tgt Ion:244 Resp: 5178
 Ion Ratio Lower Upper
 244 100
 212 11.9 7.8 11.6#
 122 20.8 13.3 19.9#





#32
Benzo(a)anthracene
Concen: 0.053 ng
RT: 21.121 min Scan# 2119
Delta R.T. -0.009 min
Lab File: BN033554.D
Acq: 22 Aug 2024 15:54

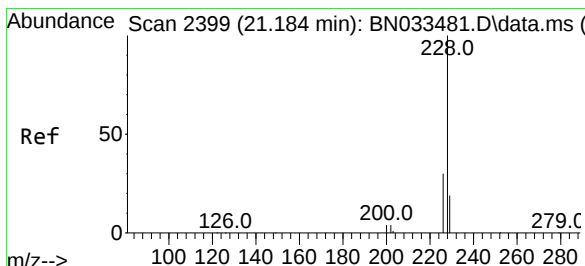
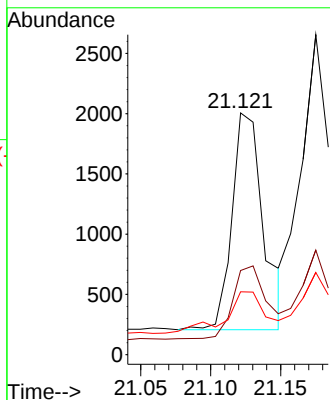
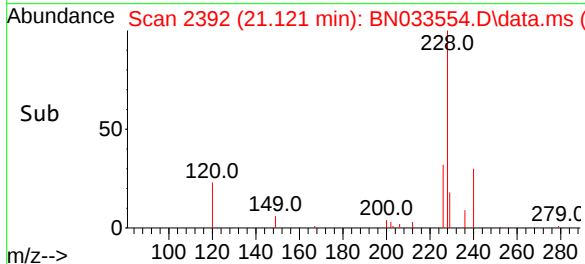
Instrument : BNA_N
ClientSampleId : 916-J-SD-0.5-1-081624



Tgt Ion:228 Resp: 2819
Ion Ratio Lower Upper
228 100
226 34.8 21.8 32.6
229 26.0 15.8 23.6

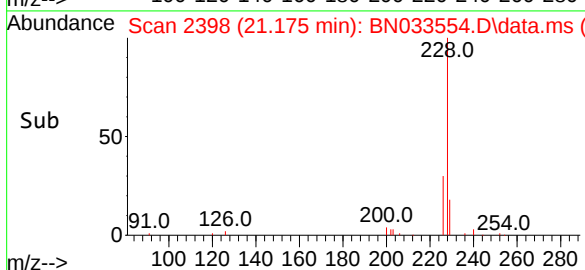
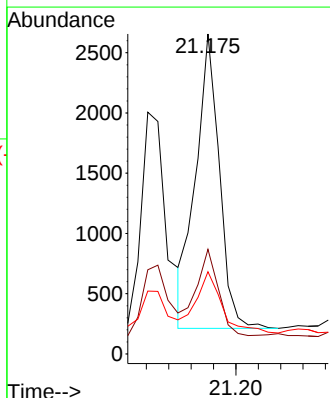
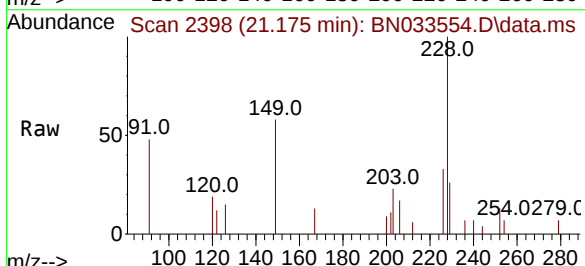
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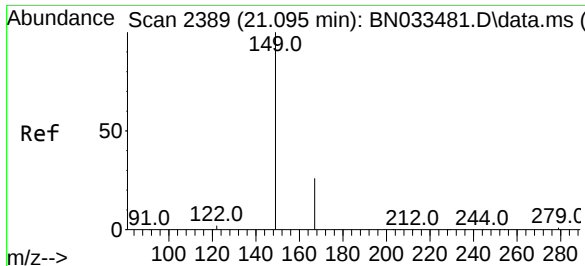
Reviewed By :Yogesh Patel 08/23/2024
Supervised By :mohammad ahmed 08/24/2024



#33
Chrysene
Concen: 0.067 ng
RT: 21.175 min Scan# 2398
Delta R.T. -0.009 min
Lab File: BN033554.D
Acq: 22 Aug 2024 15:54

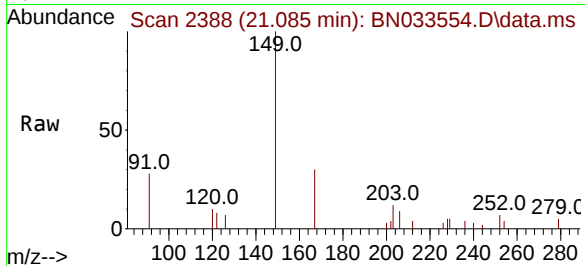
Tgt Ion:228 Resp: 3587
Ion Ratio Lower Upper
228 100
226 32.7 23.8 35.8
229 25.7 15.6 23.4





#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.123 ng m
 RT: 21.085 min Scan# 2108
 Delta R.T. -0.009 min
 Lab File: BN033554.D
 Acq: 22 Aug 2024 15:54

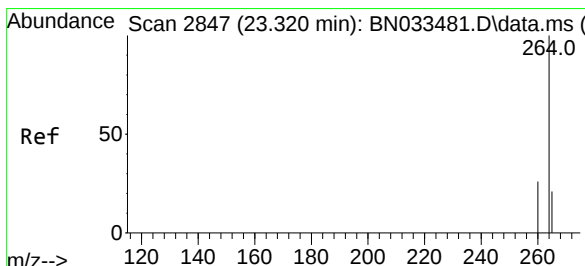
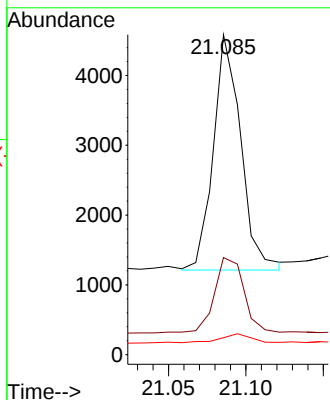
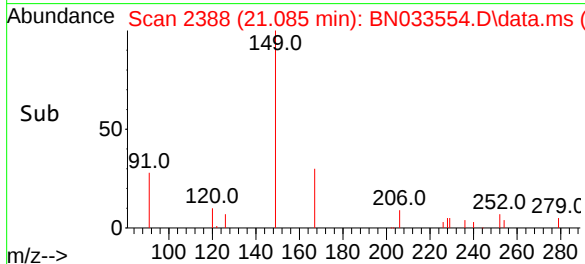
Instrument :
 BNA_N
 ClientSampleId :
 916-J-SD-0.5-1-081624



Tgt Ion:149 Resp: 4154
 Ion Ratio Lower Upper
 149 100
 167 46.1 21.5 32.3
 279 6.4 2.2 3.2

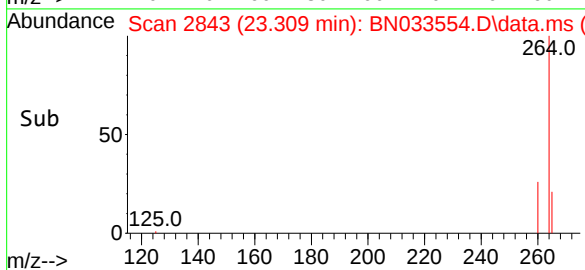
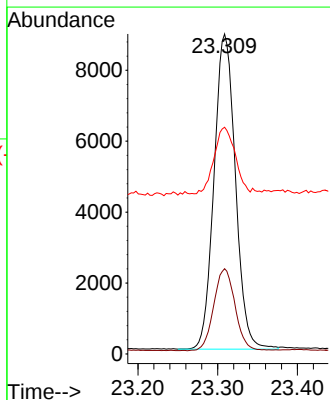
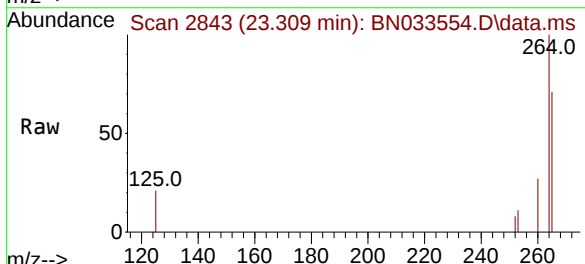
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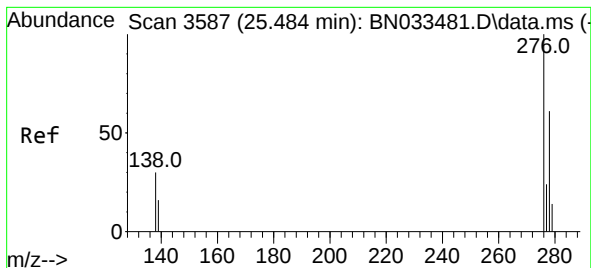
Reviewed By :Yogesh Patel 08/23/2024
 Supervised By :mohammad ahmed 08/24/2024



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.309 min Scan# 2843
 Delta R.T. -0.012 min
 Lab File: BN033554.D
 Acq: 22 Aug 2024 15:54

Tgt Ion:264 Resp: 16545
 Ion Ratio Lower Upper
 264 100
 260 26.6 20.8 31.2
 265 70.8 52.2 78.2





#36

Indeno(1,2,3-cd)pyrene

Concen: 0.035 ng

RT: 25.460 min Scan# 3579

Delta R.T. -0.024 min

Lab File: BN033554.D

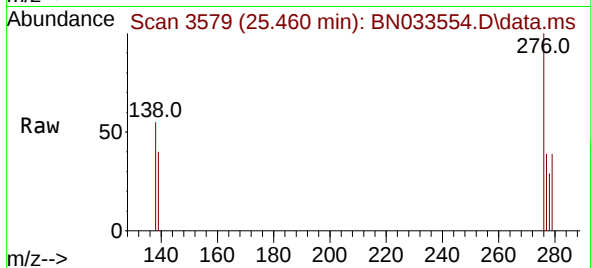
Acq: 22 Aug 2024 15:54

Instrument :

BNA_N

ClientSampleId :

916-J-SD-0.5-1-081624



Tgt Ion:276 Resp: 2410

Ion Ratio Lower Upper

276 100

138 34.3 24.4 36.6

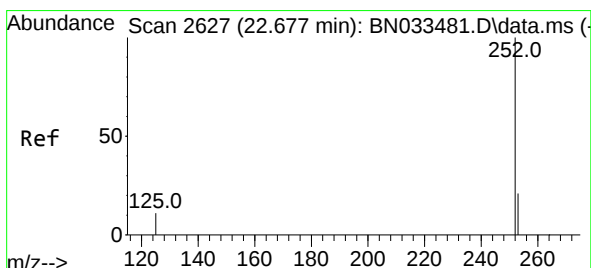
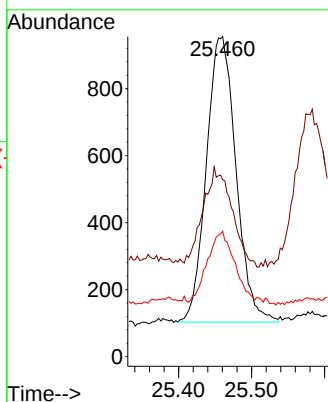
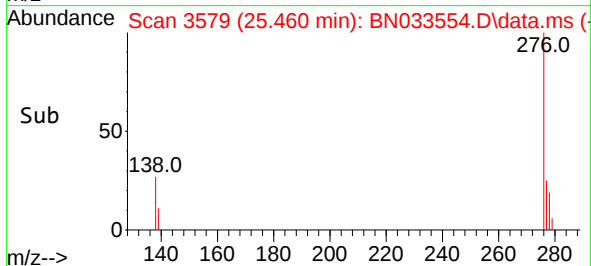
277 22.6 19.8 29.6

Manual Integrations

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Reviewed By :Yogesh Patel 08/23/2024

Supervised By :mohammad ahmed 08/24/2024



#37

Benzo(b)fluoranthene

Concen: 0.079 ng

RT: 22.668 min Scan# 2624

Delta R.T. -0.009 min

Lab File: BN033554.D

Acq: 22 Aug 2024 15:54

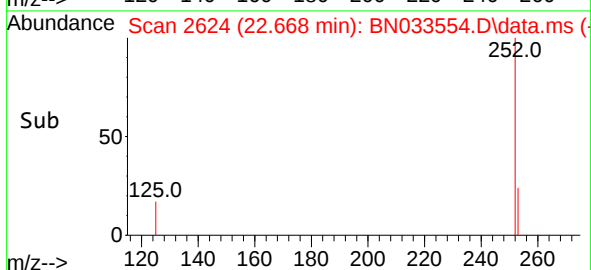
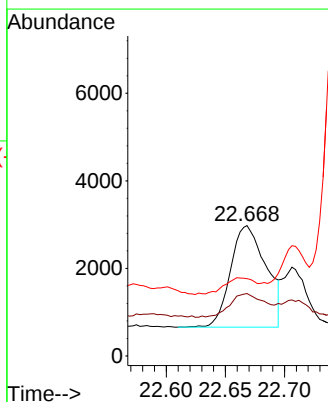
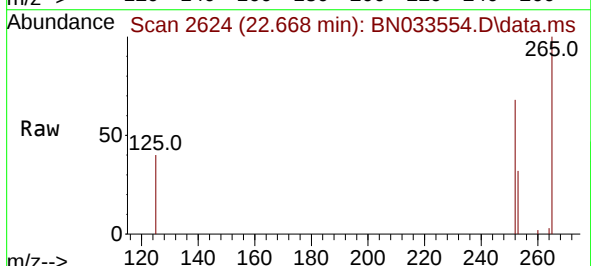
Tgt Ion:252 Resp: 4869

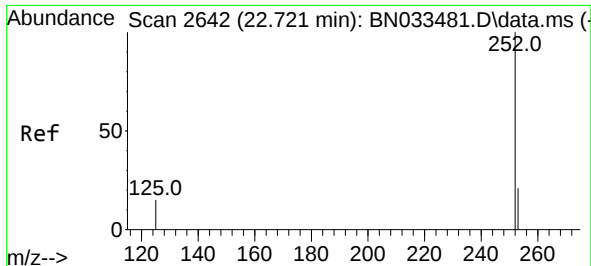
Ion Ratio Lower Upper

252 100

253 47.8 19.8 29.8#

125 59.3 13.9 20.9#





#38

Benzo(k)fluoranthene

Concen: 0.032 ng m

RT: 22.706 min Scan# 20

Delta R.T. -0.015 min

Lab File: BN033554.D

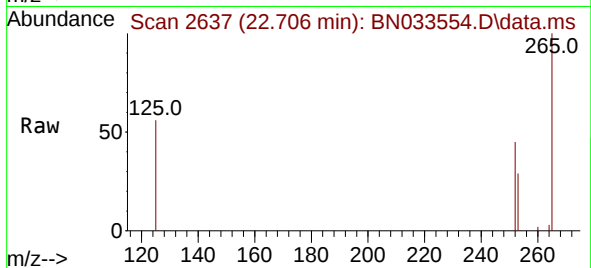
Acq: 22 Aug 2024 15:54

Instrument :

BNA_N

ClientSampleId :

916-J-SD-0.5-1-081624



Tgt Ion:252 Resp: 1940

Ion Ratio Lower Upper

252 100

253 63.1 19.8 29.8

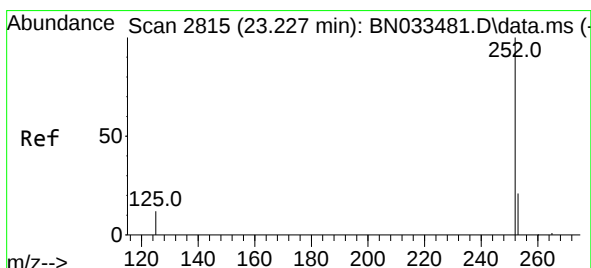
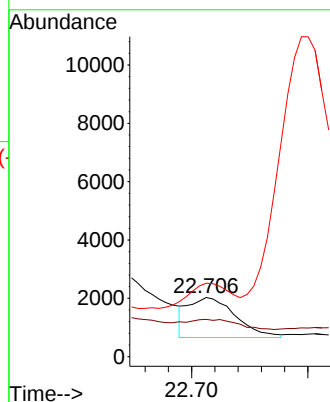
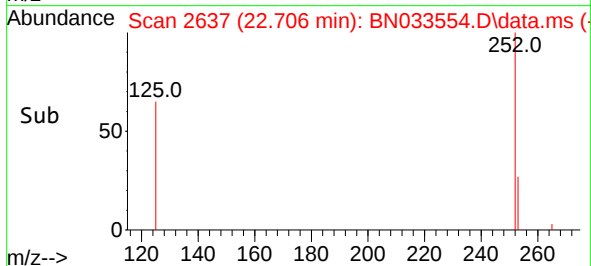
125 124.2 15.8 23.8

Manual Integrations

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Reviewed By :Yogesh Patel 08/23/2024

Supervised By :mohammad ahmed 08/24/2024



#39

Benzo(a)pyrene

Concen: 0.059 ng

RT: 23.212 min Scan# 2810

Delta R.T. -0.015 min

Lab File: BN033554.D

Acq: 22 Aug 2024 15:54

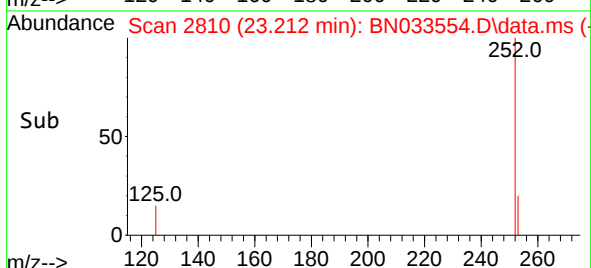
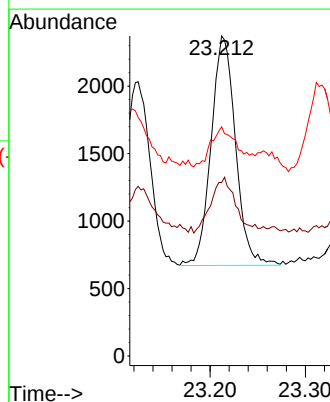
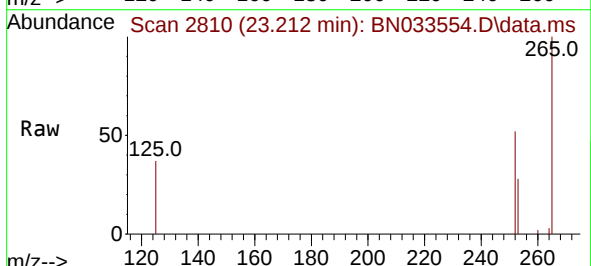
Tgt Ion:252 Resp: 3024

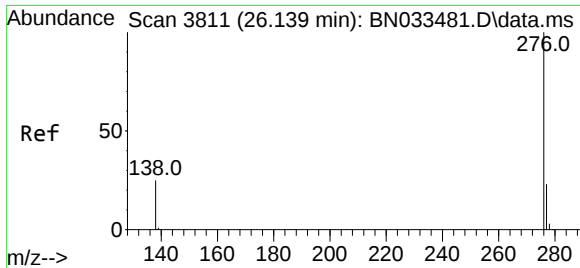
Ion Ratio Lower Upper

252 100

253 54.1 21.5 32.3

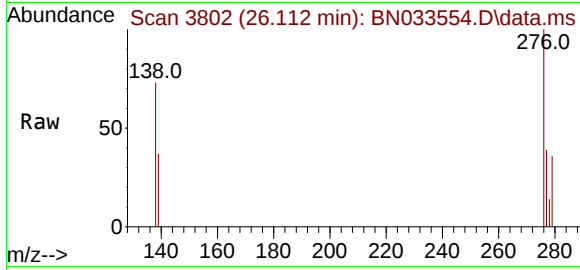
125 71.6 17.0 25.4





#41
Benzo(g,h,i)perylene
Concen: 0.041 ng
RT: 26.112 min Scan# 3811
Delta R.T. -0.026 min
Lab File: BN033554.D
Acq: 22 Aug 2024 15:54

Instrument :
BNA_N
ClientSampleId :
916-J-SD-0.5-1-081624



Tgt Ion:276 Resp: 2418
Ion Ratio Lower Upper
276 100
277 39.5 19.7 29.5
138 72.6 21.8 32.6

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/23/2024
Supervised By :mohammad ahmed 08/24/2024

