

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082024\
 Data File : BN033513.D
 Acq On : 20 Aug 2024 19:28
 Operator : MA/JU
 Sample : P3645-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 916-J-WS-081524

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/21/2024
 Supervised By :mohammad ahmed 08/22/2024

Quant Time: Aug 20 23:21:54 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	7.552	152	7720	0.400	ng	0.00
7) Naphthalene-d8	10.314	136	19614	0.400	ng	# 0.00
13) Acenaphthene-d10	14.188	164	9099	0.400	ng	0.00
19) Phenanthrene-d10	16.929	188	17960	0.400	ng	#-0.01
29) Chrysene-d12	21.139	240	14746	0.400	ng	# 0.00
35) Perylene-d12	23.311	264	14922	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.183	112	3347	0.136	ng	0.00
5) Phenol-d6	6.736	99	2604	0.089	ng	0.00
8) Nitrobenzene-d5	8.680	82	4387	0.270	ng	-0.01
11) 2-Methylnaphthalene-d10	11.910	152	7589	0.270	ng	0.00
14) 2,4,6-Tribromophenol	15.688	330	1116	0.228	ng	0.00
15) 2-Fluorobiphenyl	12.809	172	11357	0.306	ng	0.00
27) Fluoranthene-d10	18.975	212	14225	0.330	ng	0.00
31) Terphenyl-d14	19.592	244	9803	0.293	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.357	128	1311	0.025	ng	# 83
17) Acenaphthene	14.252	154	2555	0.091	ng	95
18) Fluorene	15.236	166	4422	0.125	ng	# 46
25) Phenanthrene	16.979	178	1589	0.032	ng	94
28) Fluoranthene	19.002	202	3031	0.055	ng	99
30) Pyrene	19.369	202	1640	0.025	ng	# 91
33) Chrysene	21.175	228	1356m	0.026	ng	
34) Bis(2-ethylhexyl)phtha...	21.094	149	1979m	0.059	ng	

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

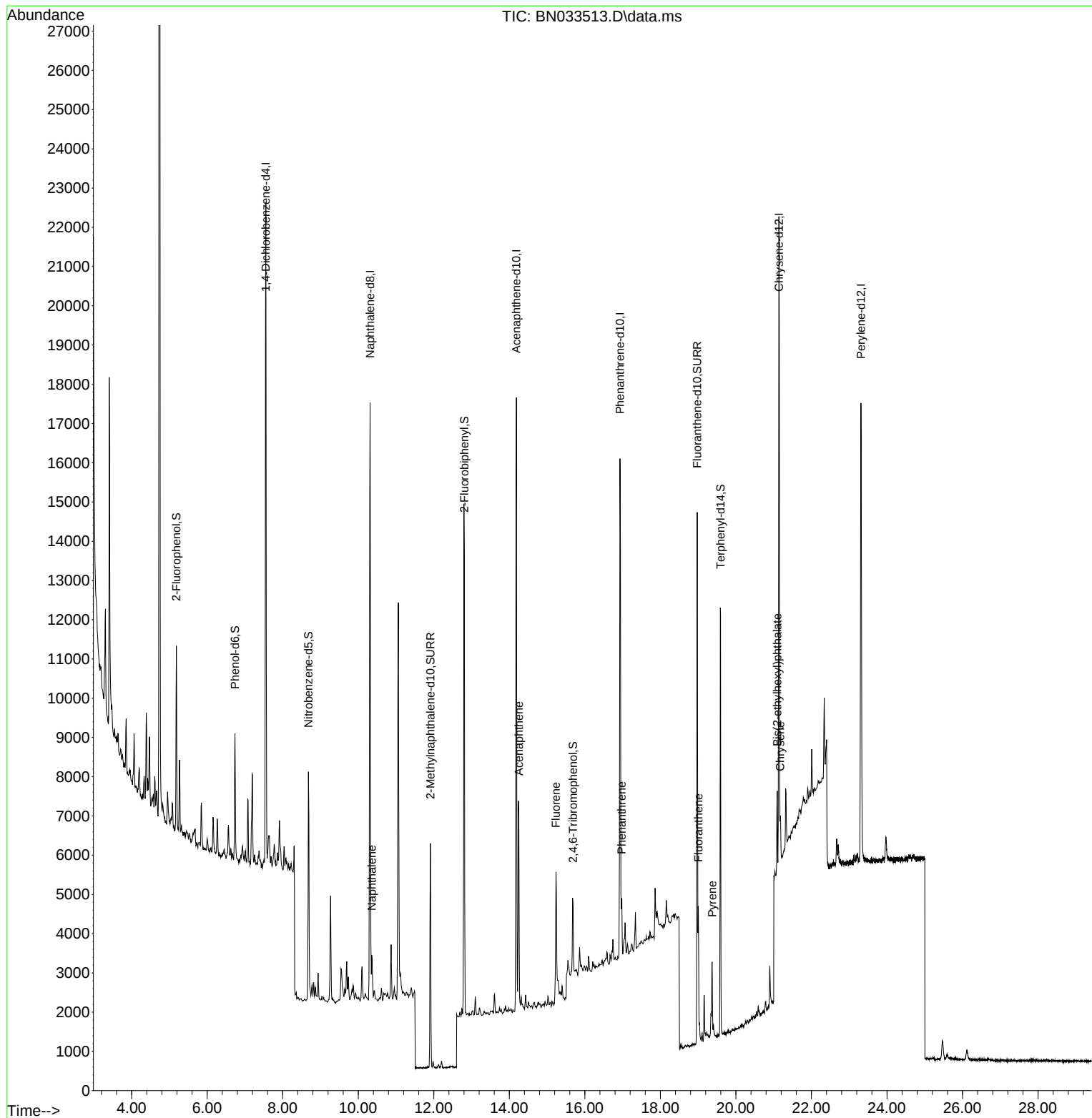
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082024\
Data File : BN033513.D
Acq On : 20 Aug 2024 19:28
Operator : MA/JU
Sample : P3645-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

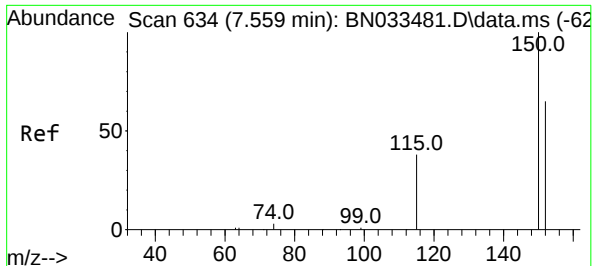
Instrument :
BNA_N
ClientSampleId :
916-J-WS-081524

Quant Time: Aug 20 23:21:54 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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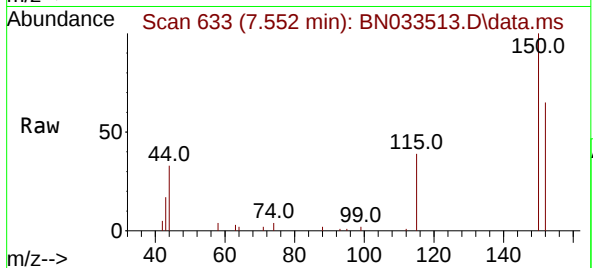
Reviewed By :Yogesh Patel 08/21/2024
Supervised By :mohammad ahmed 08/22/2024





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.552 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN033513.D
Acq: 20 Aug 2024 19:28

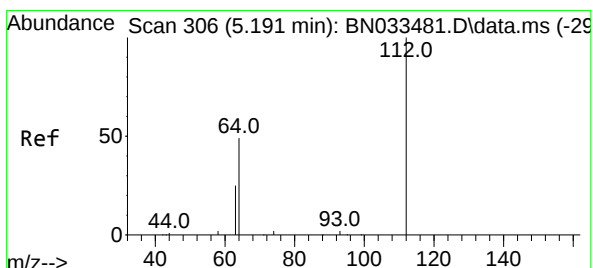
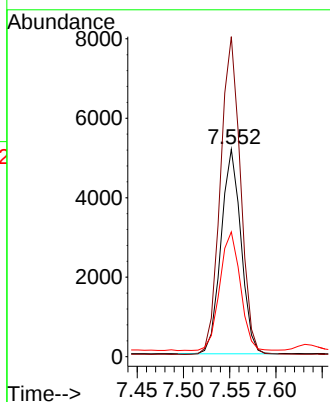
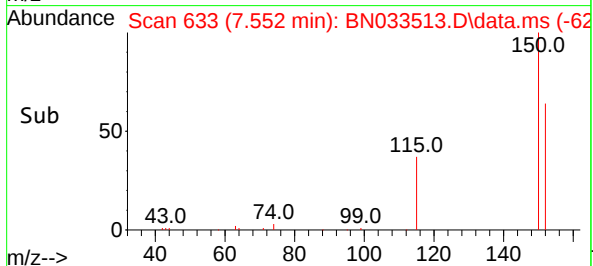
Instrument :
BNA_N
ClientSampleId :
916-J-WS-081524



Tgt Ion:152 Resp: 7720
Ion Ratio Lower Upper
152 100
150 154.3 122.2 183.2
115 60.2 47.2 70.8

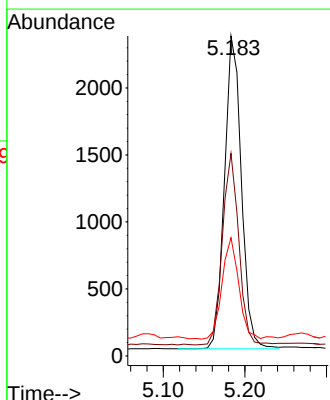
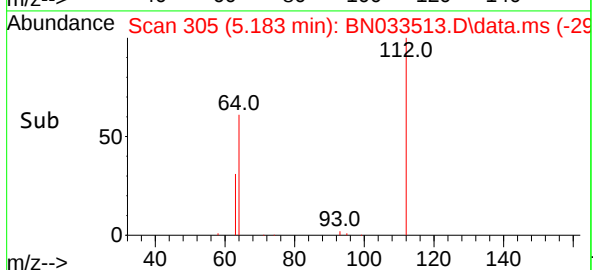
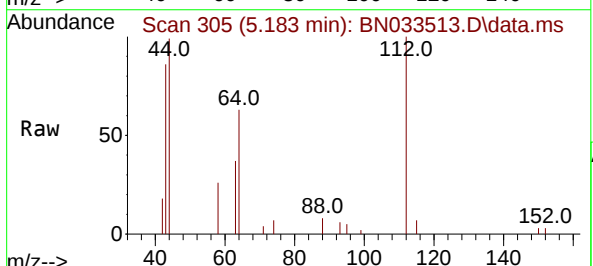
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Supervised By :mohammad ahmed 08/22/2024



#4
2-Fluorophenol
Concen: 0.136 ng
RT: 5.183 min Scan# 305
Delta R.T. -0.008 min
Lab File: BN033513.D
Acq: 20 Aug 2024 19:28

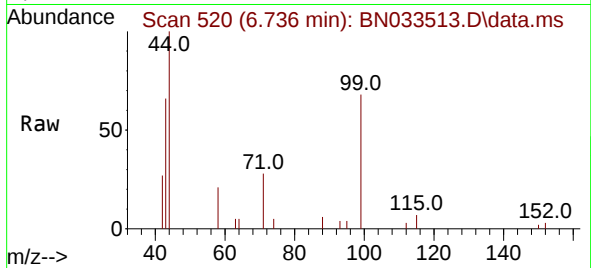
Tgt Ion:112 Resp: 3347
Ion Ratio Lower Upper
112 100
64 59.5 47.1 70.7
63 32.3 24.9 37.3





#5
Phenol-d6
Concen: 0.089 ng
RT: 6.736 min Scan# 51
Delta R.T. -0.008 min
Lab File: BN033513.D
Acq: 20 Aug 2024 19:28

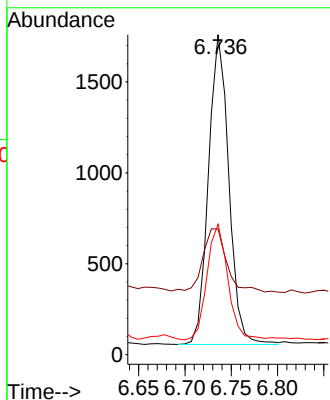
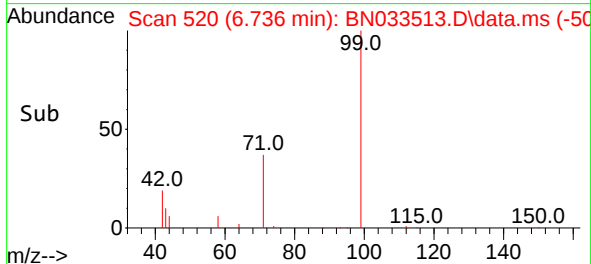
Instrument :
BNA_N
ClientSampleId :
916-J-WS-081524



Tgt Ion: 99 Resp: 2604
Ion Ratio Lower Upper
99 100
42 24.5 16.6 24.8
71 38.4 26.2 39.4

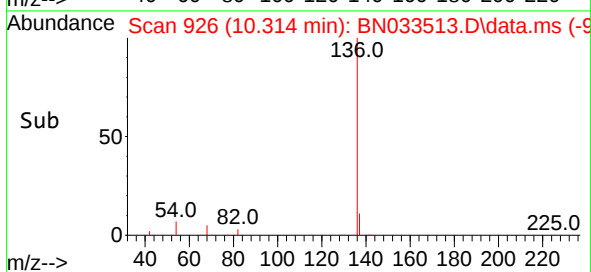
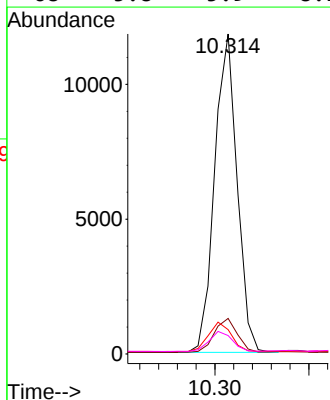
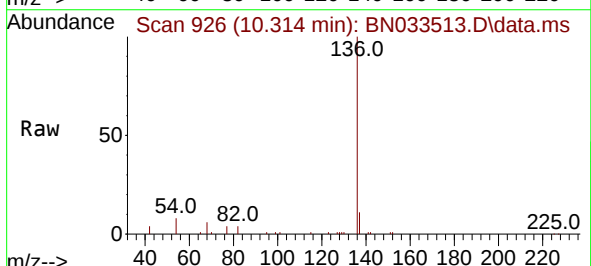
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#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.314 min Scan# 926
Delta R.T. -0.000 min
Lab File: BN033513.D
Acq: 20 Aug 2024 19:28

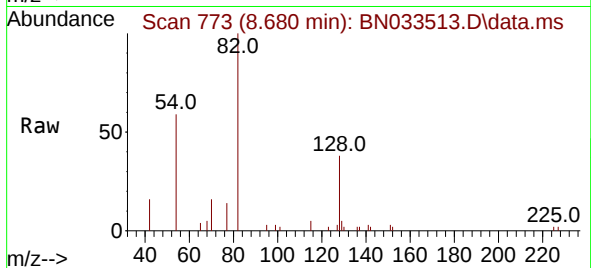
Tgt Ion:136 Resp: 19614
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.6
54 7.6 8.3 12.5#
68 5.8 5.9 8.9#





#8
Nitrobenzene-d5
Concen: 0.270 ng
RT: 8.680 min Scan# 71
Delta R.T. -0.011 min
Lab File: BN033513.D
Acq: 20 Aug 2024 19:28

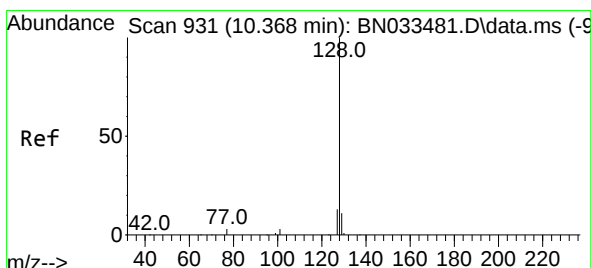
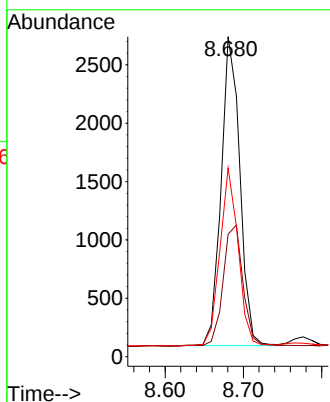
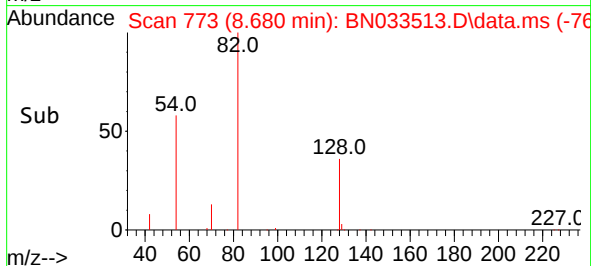
Instrument :
BNA_N
ClientSampleId :
916-J-WS-081524



Tgt Ion: 82 Resp: 438
Ion Ratio Lower Upper
82 100
128 38.2 36.0 54.0
54 59.0 42.0 63.0

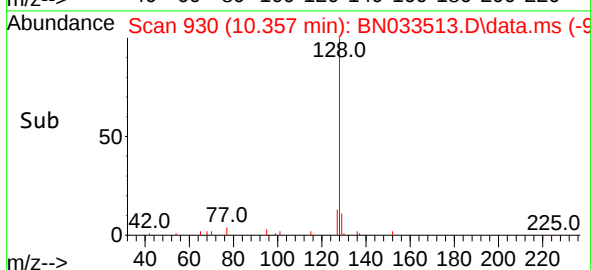
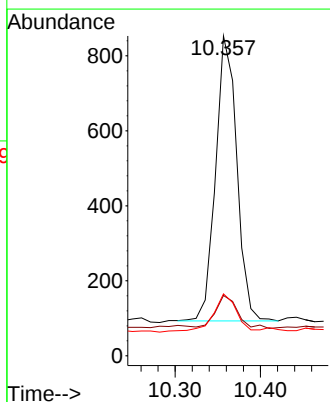
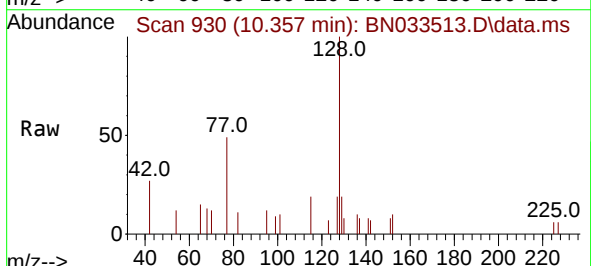
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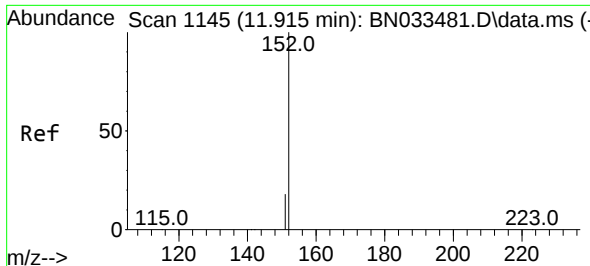
Reviewed By :Yogesh Patel 08/21/2024
Supervised By :mohammad ahmed 08/22/2024



#9
Naphthalene
Concen: 0.025 ng
RT: 10.357 min Scan# 930
Delta R.T. -0.011 min
Lab File: BN033513.D
Acq: 20 Aug 2024 19:28

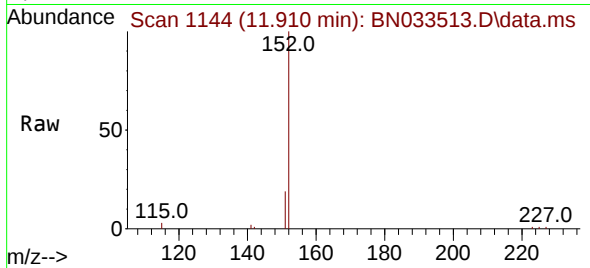
Tgt Ion:128 Resp: 1311
Ion Ratio Lower Upper
128 100
129 18.9 9.1 13.7#
127 19.3 10.7 16.1#





#11
2-Methylnaphthalene-d10
Concen: 0.270 ng
RT: 11.910 min Scan# 1145
Delta R.T. -0.004 min
Lab File: BN033513.D
Acq: 20 Aug 2024 19:28

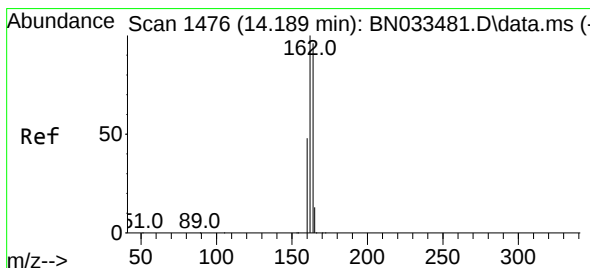
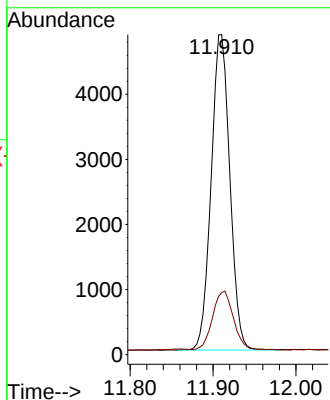
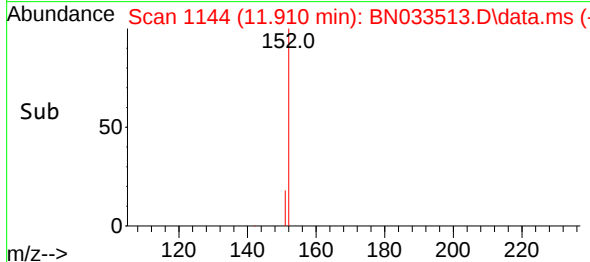
Instrument :
BNA_N
ClientSampleId :
916-J-WS-081524



Tgt Ion:152 Resp: 7589
Ion Ratio Lower Upper
152 100
151 20.7 16.6 25.0

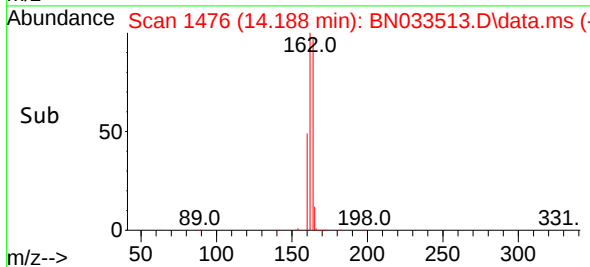
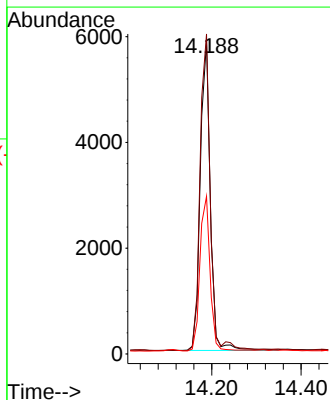
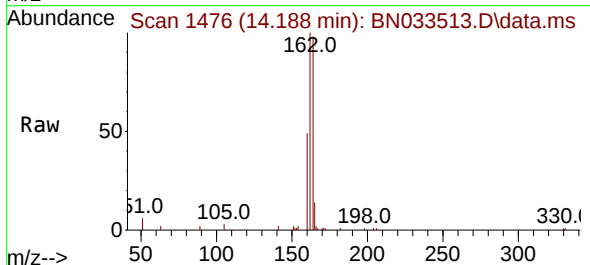
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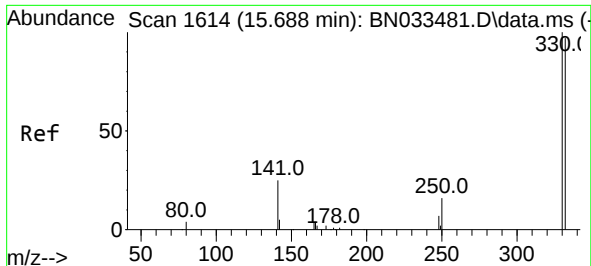
Reviewed By :Yogesh Patel 08/21/2024
Supervised By :mohammad ahmed 08/22/2024



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.188 min Scan# 1476
Delta R.T. -0.000 min
Lab File: BN033513.D
Acq: 20 Aug 2024 19:28

Tgt Ion:164 Resp: 9099
Ion Ratio Lower Upper
164 100
162 102.4 83.5 125.3
160 50.4 40.2 60.4





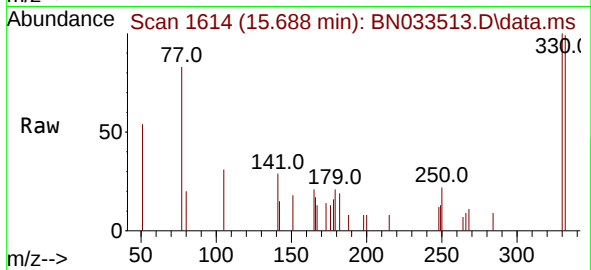
#14
2,4,6-Tribromophenol
Concen: 0.228 ng
RT: 15.688 min Scan# 1614
Delta R.T. -0.000 min
Lab File: BN033513.D
Acq: 20 Aug 2024 19:28

Instrument :

BNA_N

ClientSampleId :

916-J-WS-081524



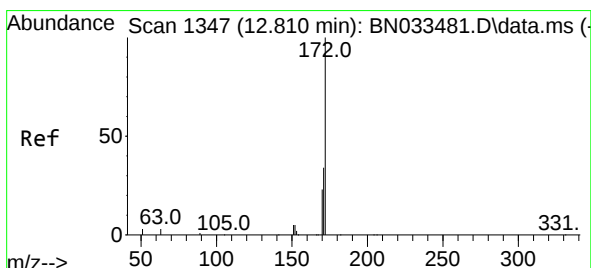
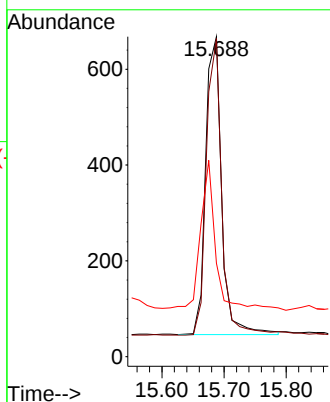
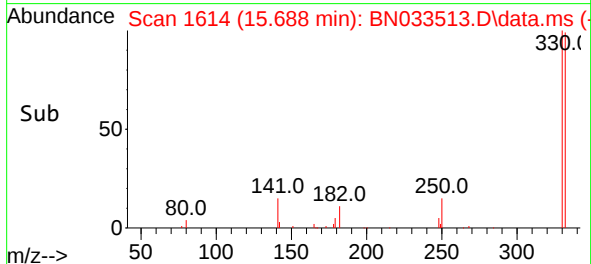
Tgt Ion:330 Resp: 1110
Ion Ratio Lower Upper
330 100
332 95.1 77.5 116.3
141 43.2 33.9 50.9

Manual Integrations

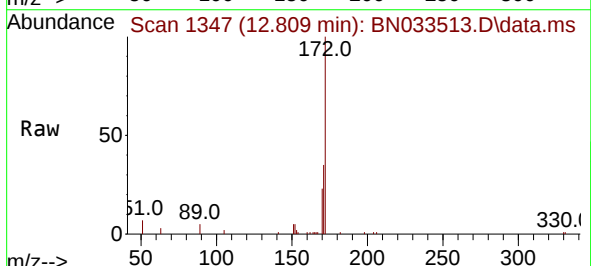
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Reviewed By :Yogesh Patel 08/21/2024

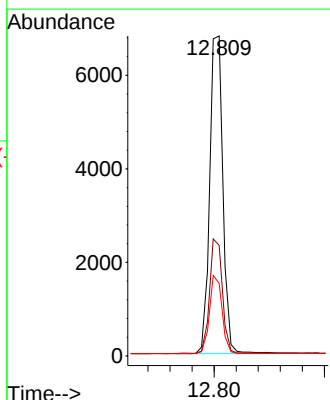
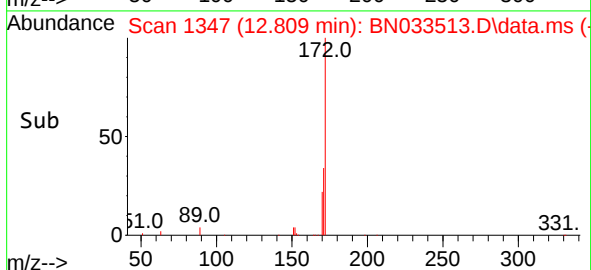
Supervised By :mohammad ahmed 08/22/2024

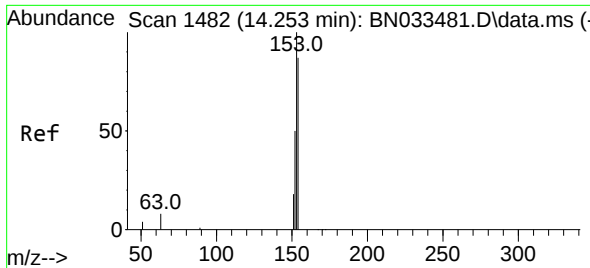


#15
2-Fluorobiphenyl
Concen: 0.306 ng
RT: 12.809 min Scan# 1347
Delta R.T. -0.000 min
Lab File: BN033513.D
Acq: 20 Aug 2024 19:28



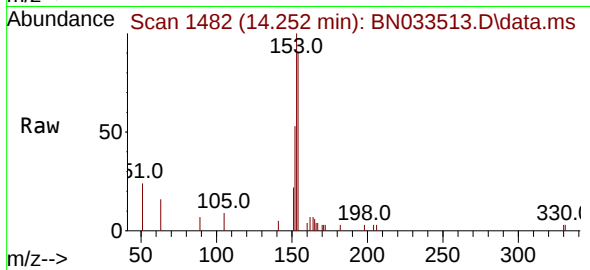
Tgt Ion:172 Resp: 11357
Ion Ratio Lower Upper
172 100
171 34.5 27.7 41.5
170 22.6 18.3 27.5





#17
Acenaphthene
Concen: 0.091 ng
RT: 14.252 min Scan# 1482
Delta R.T. -0.000 min
Lab File: BN033513.D
Acq: 20 Aug 2024 19:28

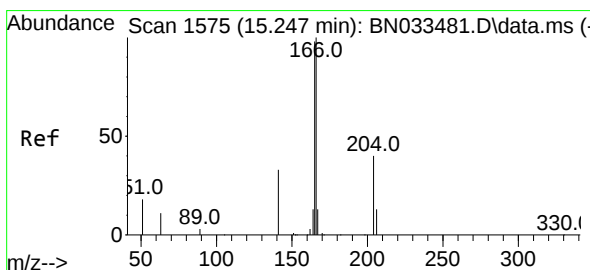
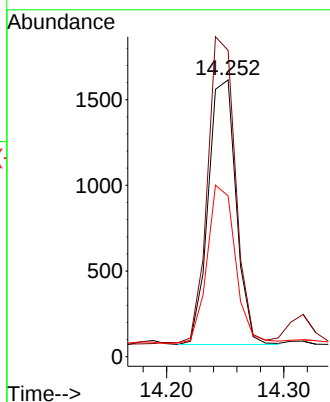
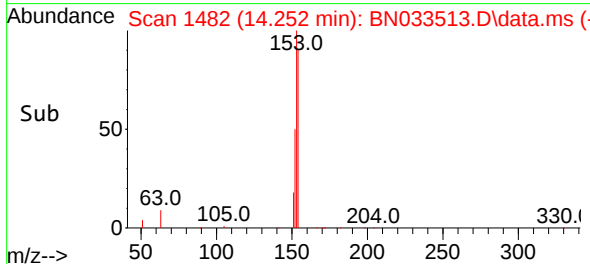
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ClientSampleId :
916-J-WS-081524



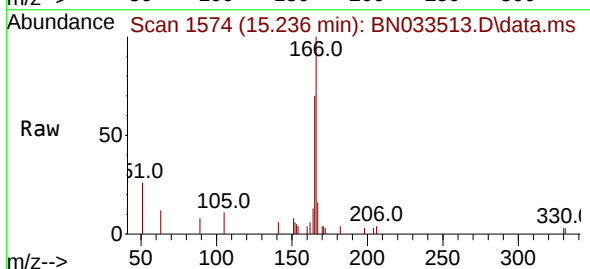
Tgt Ion:154 Resp: 255
Ion Ratio Lower Upper
154 100
153 115.8 89.0 133.6
152 60.5 45.2 67.8

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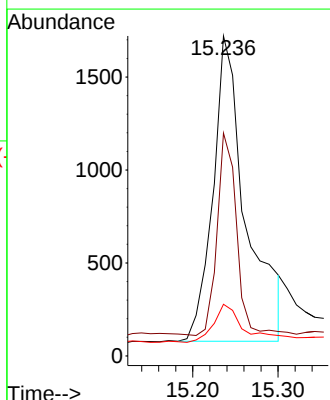
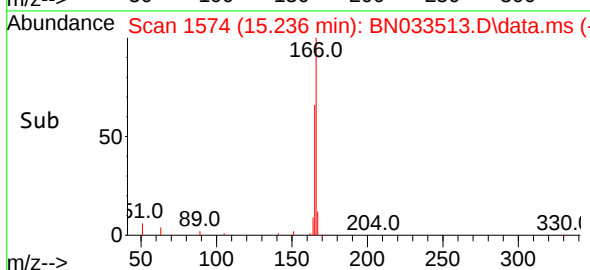
Reviewed By :Yogesh Patel 08/21/2024
Supervised By :mohammad ahmed 08/22/2024

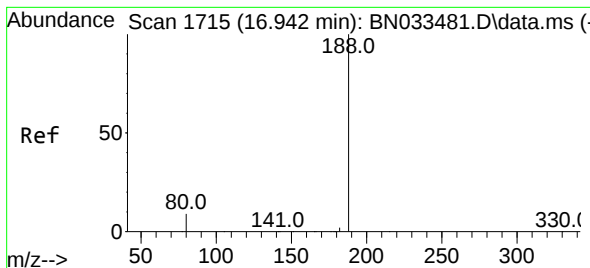


#18
Fluorene
Concen: 0.125 ng
RT: 15.236 min Scan# 1574
Delta R.T. -0.011 min
Lab File: BN033513.D
Acq: 20 Aug 2024 19:28



Tgt Ion:166 Resp: 4422
Ion Ratio Lower Upper
166 100
165 38.3 78.2 117.4#
167 11.4 10.6 16.0





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.929 min Scan# 1715

Delta R.T. -0.013 min

Lab File: BN033513.D

Acq: 20 Aug 2024 19:28

Instrument :

BNA_N

ClientSampleId :

916-J-WS-081524

Tgt Ion:188 Resp: 17960

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

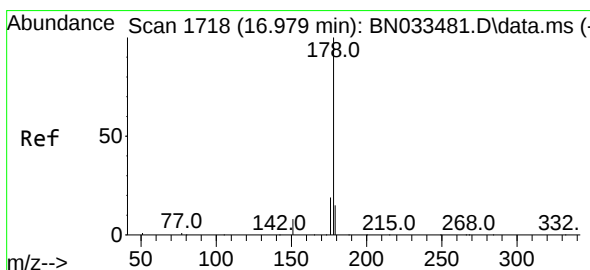
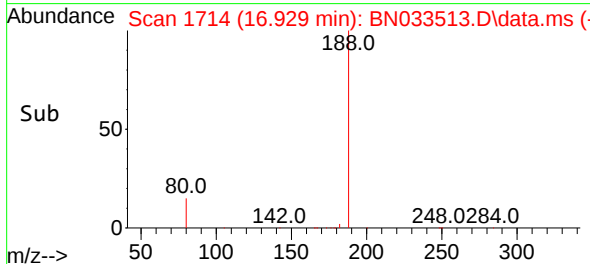
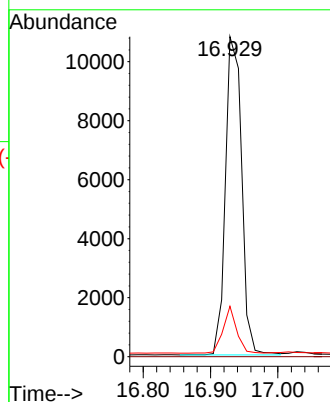
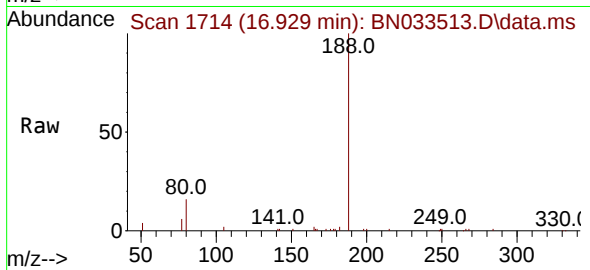
80 15.7 7.8 11.8

Manual Integrations

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Supervised By :mohammad ahmed 08/22/2024



#25

Phenanthrene

Concen: 0.032 ng

RT: 16.979 min Scan# 1718

Delta R.T. -0.000 min

Lab File: BN033513.D

Acq: 20 Aug 2024 19:28

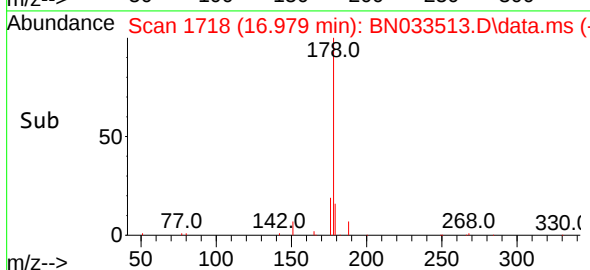
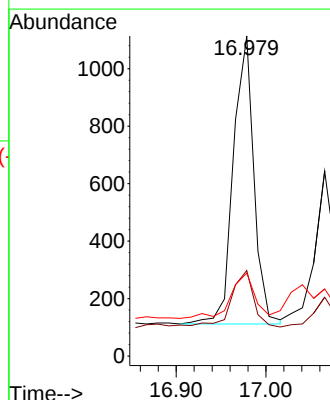
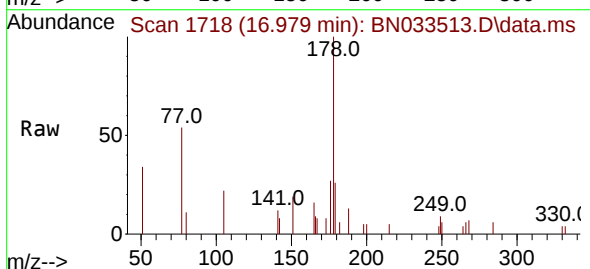
Tgt Ion:178 Resp: 1589

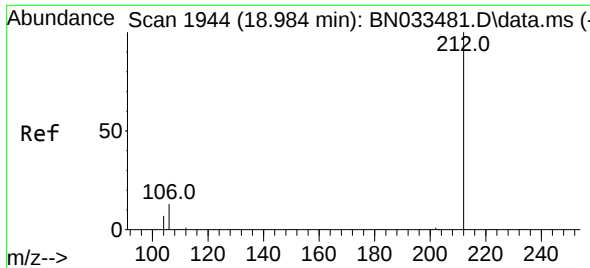
Ion Ratio Lower Upper

178 100

176 21.6 15.3 22.9

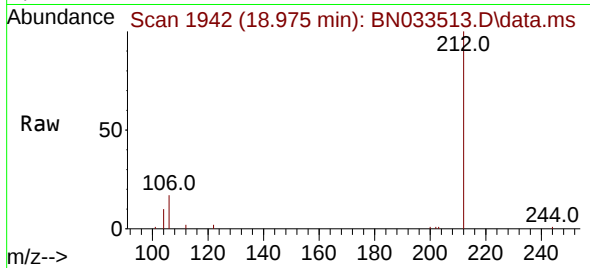
179 18.4 12.3 18.5





#27
Fluoranthene-d10
Concen: 0.330 ng
RT: 18.975 min Scan# 1942
Delta R.T. -0.010 min
Lab File: BN033513.D
Acq: 20 Aug 2024 19:28

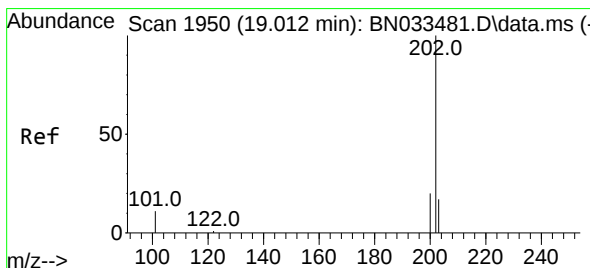
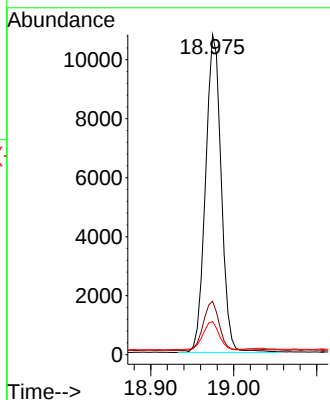
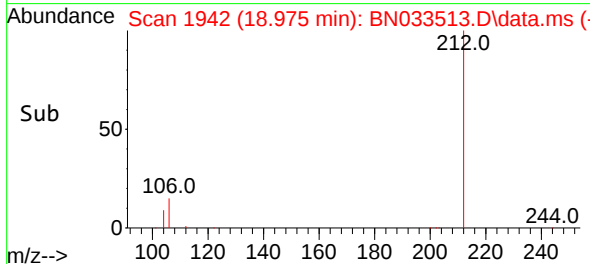
Instrument :
BNA_N
ClientSampleId :
916-J-WS-081524



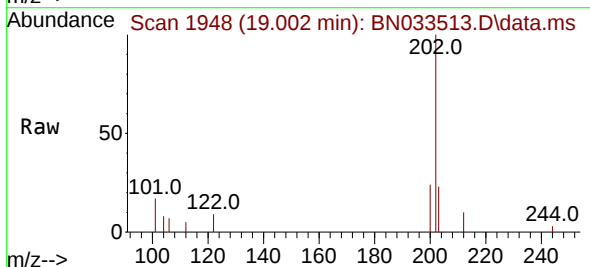
Tgt Ion:212 Resp: 14225
Ion Ratio Lower Upper
212 100
106 15.6 12.3 18.5
104 9.1 7.0 10.4

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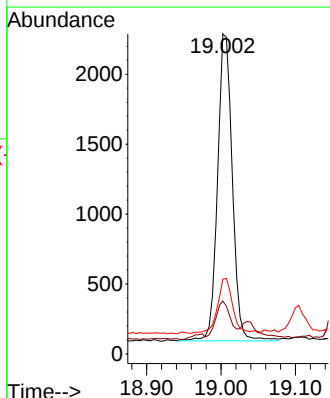
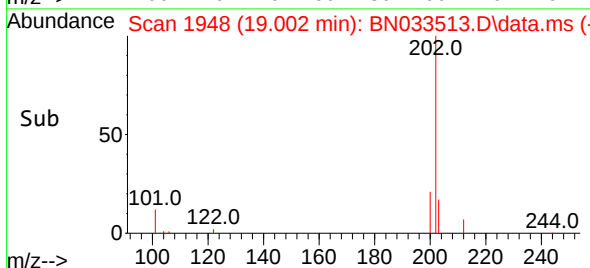
Reviewed By :Yogesh Patel 08/21/2024
Supervised By :mohammad ahmed 08/22/2024

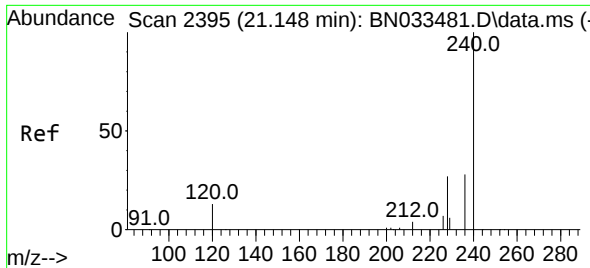


#28
Fluoranthene
Concen: 0.055 ng
RT: 19.002 min Scan# 1948
Delta R.T. -0.010 min
Lab File: BN033513.D
Acq: 20 Aug 2024 19:28



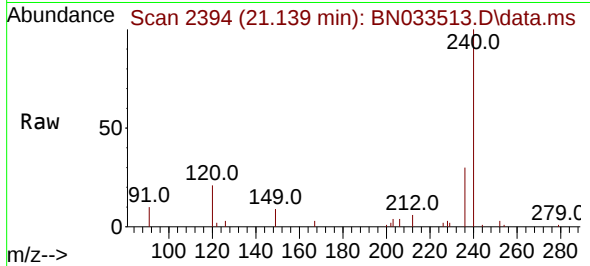
Tgt Ion:202 Resp: 3031
Ion Ratio Lower Upper
202 100
101 11.7 9.5 14.3
203 18.0 13.8 20.6





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.139 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN033513.D
Acq: 20 Aug 2024 19:28

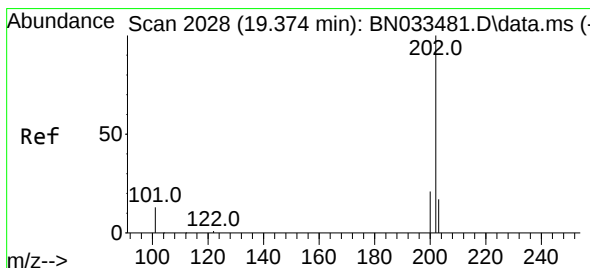
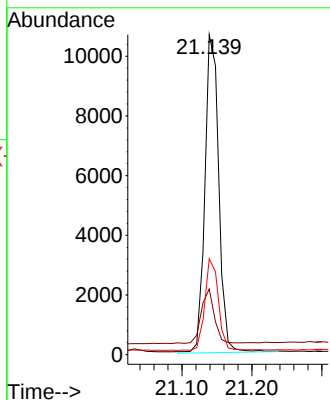
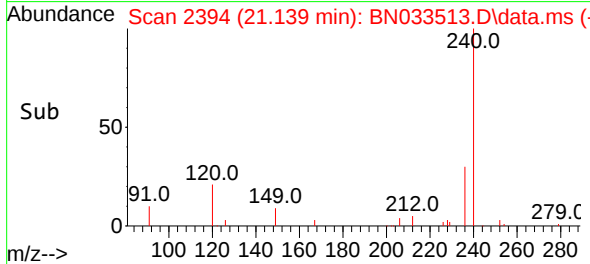
Instrument :
BNA_N
ClientSampleId :
916-J-WS-081524



Tgt Ion:240 Resp: 14740
Ion Ratio Lower Upper
240 100
120 20.6 12.4 18.6
236 29.9 23.0 34.6

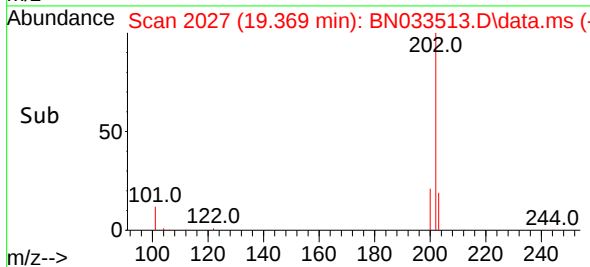
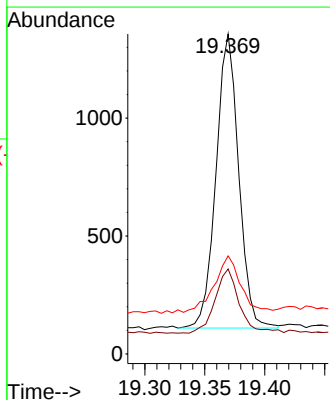
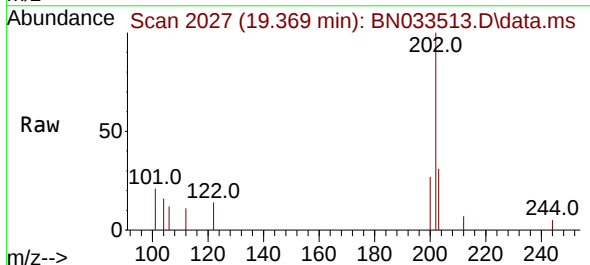
Manual Integrations
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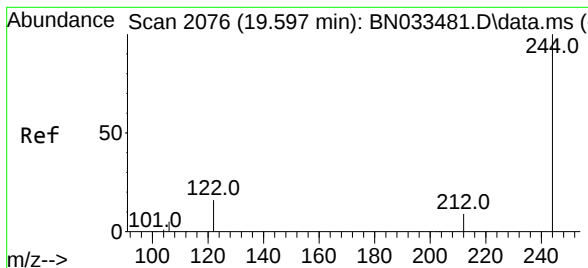
Reviewed By :Yogesh Patel 08/21/2024
Supervised By :mohammad ahmed 08/22/2024



#30
Pyrene
Concen: 0.025 ng
RT: 19.369 min Scan# 2027
Delta R.T. -0.005 min
Lab File: BN033513.D
Acq: 20 Aug 2024 19:28

Tgt Ion:202 Resp: 1640
Ion Ratio Lower Upper
202 100
200 23.2 16.6 24.8
203 23.7 14.2 21.4





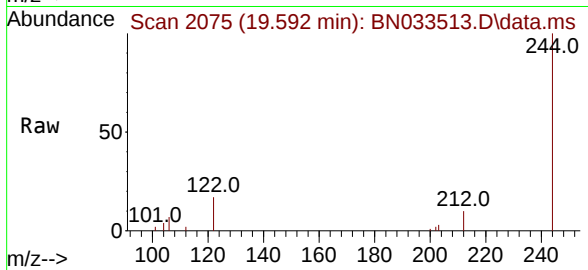
#31
 Terphenyl-d14
 Concen: 0.293 ng
 RT: 19.592 min Scan# 2076
 Delta R.T. -0.005 min
 Lab File: BN033513.D
 Acq: 20 Aug 2024 19:28

Instrument :

BNA_N

ClientSampleId :

916-J-WS-081524



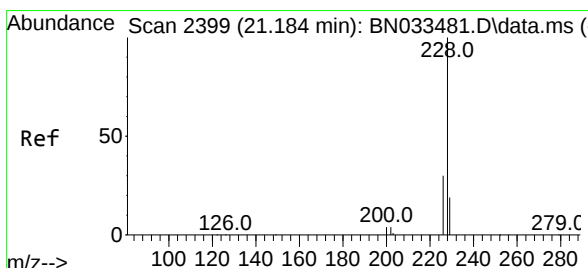
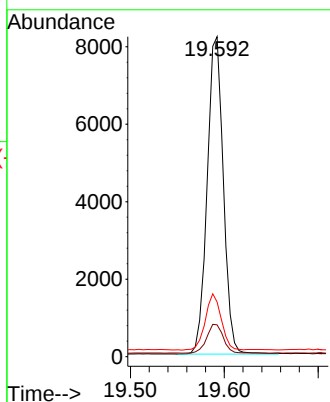
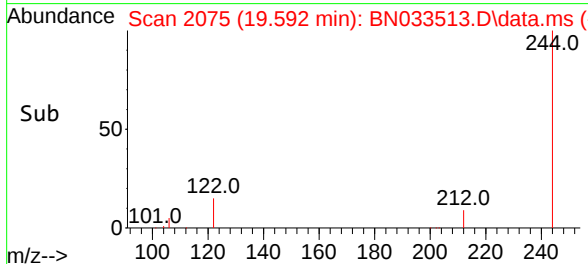
Tgt Ion:244 Resp: 980
 Ion Ratio Lower Upper
 244 100
 212 10.0 7.8 11.6
 122 17.1 13.3 19.9

Manual Integrations

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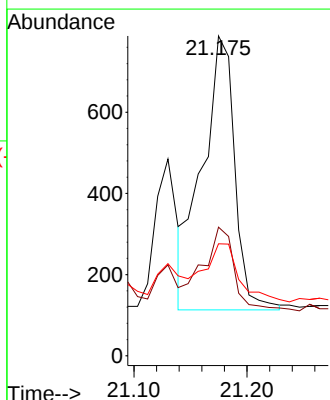
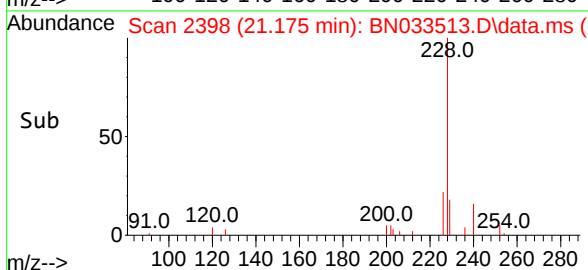
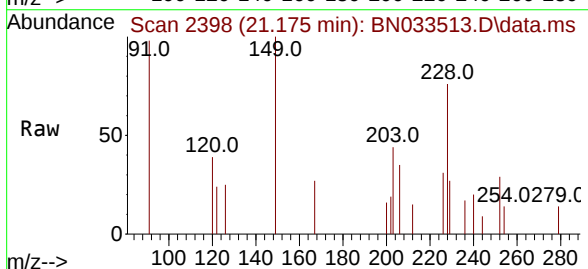
Reviewed By :Yogesh Patel 08/21/2024

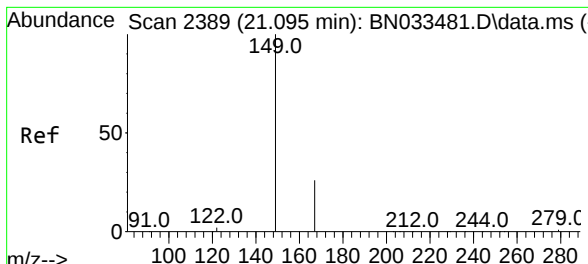
Supervised By :mohammad ahmed 08/22/2024



#33
 Chrysene
 Concen: 0.026 ng m
 RT: 21.175 min Scan# 2398
 Delta R.T. -0.009 min
 Lab File: BN033513.D
 Acq: 20 Aug 2024 19:28

Tgt Ion:228 Resp: 1356
 Ion Ratio Lower Upper
 228 100
 226 40.2 23.8 35.8#
 229 35.0 15.6 23.4#





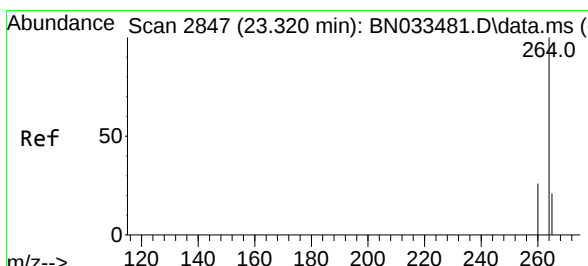
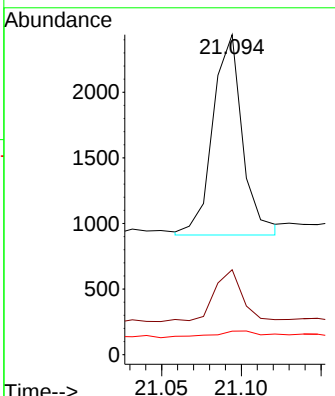
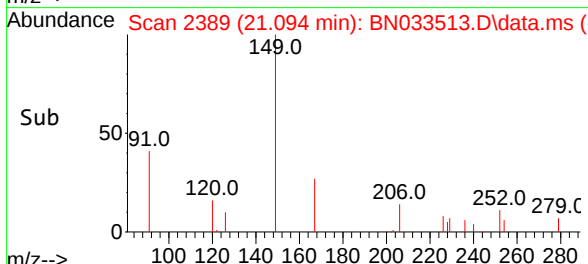
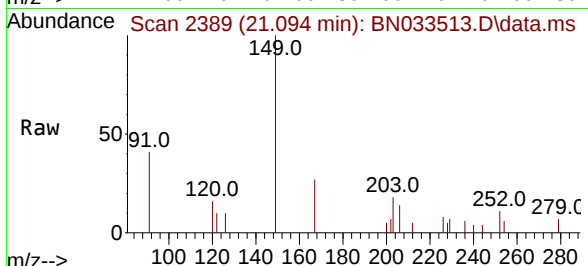
#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.059 ng/ml
 RT: 21.094 min Scan# 2109
 Delta R.T. -0.000 min
 Lab File: BN033513.D
 Acq: 20 Aug 2024 19:28

Instrument : BNA_N
 ClientSampleId : 916-J-WS-081524

Tgt Ion:	149	Resp:	1979
Ion Ratio	Lower	Upper	
149	100		
167	31.6	21.5	32.3
279	0.0	2.2	3.2

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/21/2024
 Supervised By :mohammad ahmed 08/22/2024



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.311 min Scan# 2844
 Delta R.T. -0.009 min
 Lab File: BN033513.D
 Acq: 20 Aug 2024 19:28

Tgt Ion:	264	Resp:	14922
Ion Ratio	Lower	Upper	
264	100		
260	27.0	20.8	31.2
265	64.6	52.2	78.2

