

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082024\
 Data File : BN033517.D
 Acq On : 20 Aug 2024 21:53
 Operator : MA/JU
 Sample : P3662-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 917-J-WPO-0.25-081624

Manual Integrations
 APPROVED

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

Quant Time: Aug 20 23:23:02 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	7308	0.400	ng	0.00
7) Naphthalene-d8	10.314	136	18500	0.400	ng	# 0.00
13) Acenaphthene-d10	14.189	164	8366	0.400	ng	0.00
19) Phenanthrene-d10	16.929	188	17245	0.400	ng	#-0.01
29) Chrysene-d12	21.139	240	14616	0.400	ng	0.00
35) Perylene-d12	23.312	264	15164	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.183	112	2601	0.112	ng	0.00
5) Phenol-d6	6.736	99	2048	0.074	ng	0.00
8) Nitrobenzene-d5	8.681	82	4400	0.287	ng	-0.01
11) 2-Methylnaphthalene-d10	11.911	152	7562	0.286	ng	0.00
14) 2,4,6-Tribromophenol	15.688	330	1328	0.295	ng	0.00
15) 2-Fluorobiphenyl	12.810	172	11931	0.349	ng	0.00
27) Fluoranthene-d10	18.975	212	17494	0.422	ng	0.00
31) Terphenyl-d14	19.588	244	12667	0.381	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.190	88	1104	0.131	ng	# 25
17) Acenaphthene	14.253	154	637	0.025	ng	95
18) Fluorene	15.236	166	3932	0.121	ng	# 33
25) Phenanthrene	16.979	178	5039	0.105	ng	99
28) Fluoranthene	19.007	202	4691	0.088	ng	# 96
30) Pyrene	19.370	202	2723	0.042	ng	# 93
34) Bis(2-ethylhexyl)phtha...	21.086	149	1693m	0.051	ng	

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

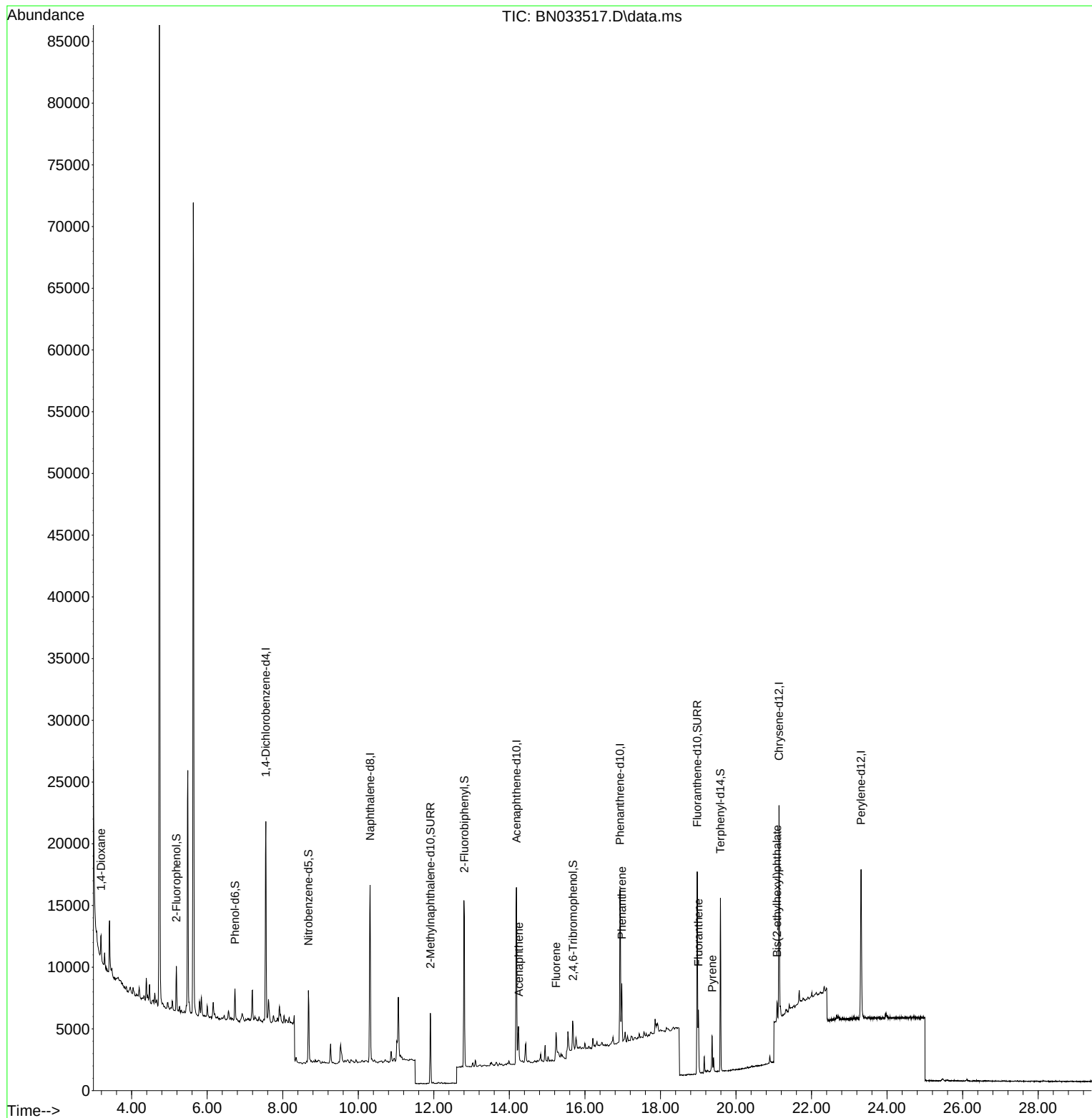
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082024\
Data File : BN033517.D
Acq On : 20 Aug 2024 21:53
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Sample : P3662-01
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ALS Vial : 12 Sample Multiplier: 1

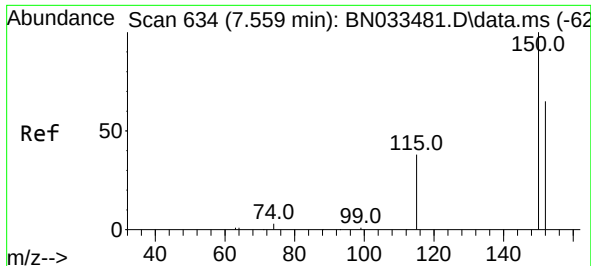
Instrument :
BNA_N
ClientSampleId :
917-J-WPO-0.25-081624

Quant Time: Aug 20 23:23:02 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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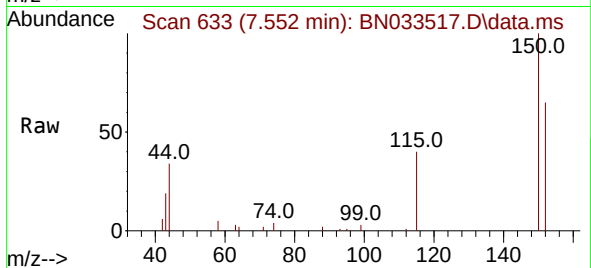
Reviewed By :Yogesh Patel 08/21/2024
Supervised By :mohammad ahmed 08/22/2024





#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.552 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN033517.D
 Acq: 20 Aug 2024 21:53

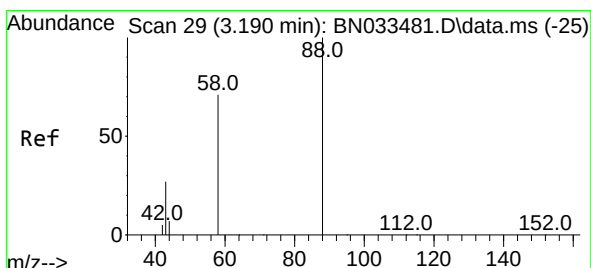
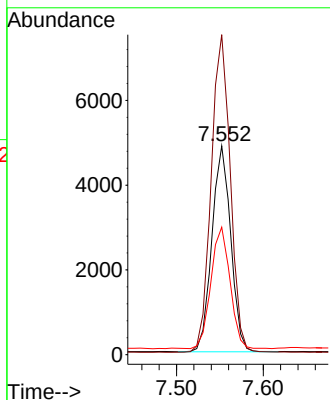
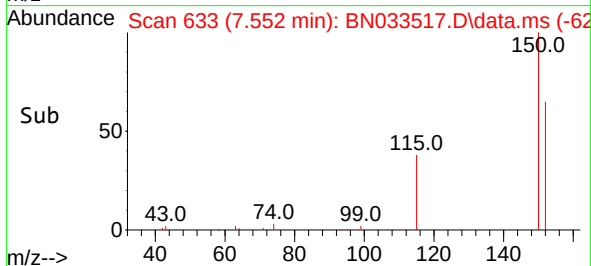
Instrument :
 BNA_N
 ClientSampleId :
 917-J-WPO-0.25-081624



Tgt Ion:152 Resp: 7308
 Ion Ratio Lower Upper
 152 100
 150 153.2 122.2 183.2
 115 61.0 47.2 70.8

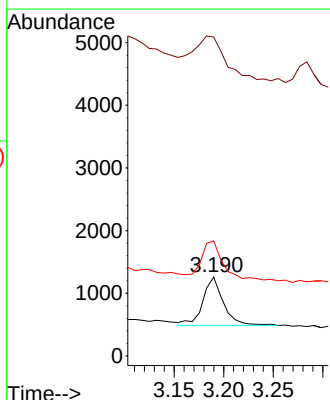
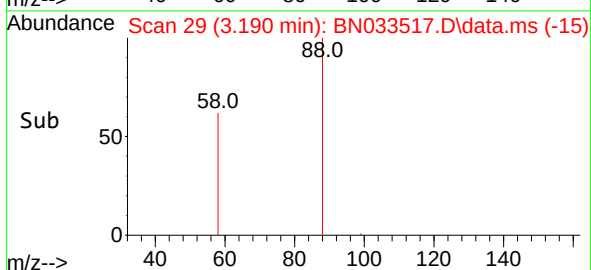
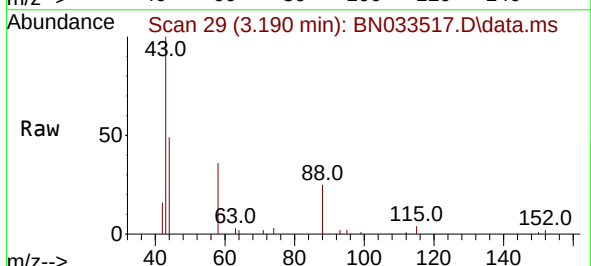
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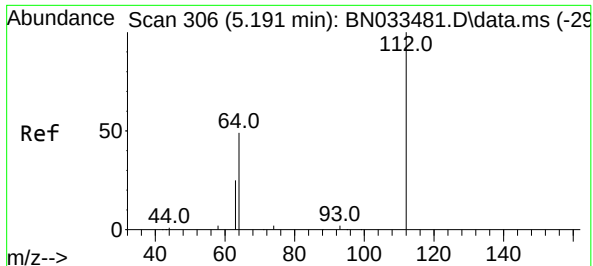
Reviewed By :Yogesh Patel 08/21/2024
 Supervised By :mohammad ahmed 08/22/2024



#2
 1,4-Dioxane
 Concen: 0.131 ng
 RT: 3.190 min Scan# 29
 Delta R.T. -0.000 min
 Lab File: BN033517.D
 Acq: 20 Aug 2024 21:53

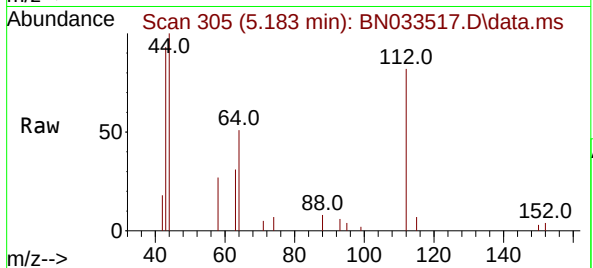
Tgt Ion: 88 Resp: 1104
 Ion Ratio Lower Upper
 88 100
 43 155.0 25.0 37.4#
 58 91.4 62.5 93.7





#4
2-Fluorophenol
Concen: 0.112 ng
RT: 5.183 min Scan# 306
Delta R.T. -0.007 min
Lab File: BN033517.D
Acq: 20 Aug 2024 21:53

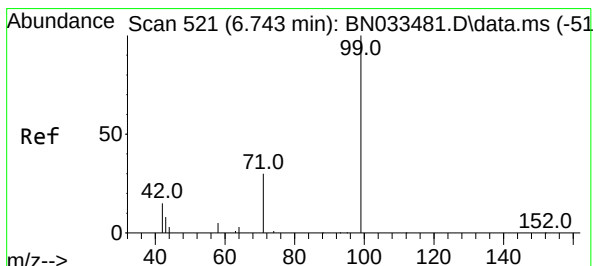
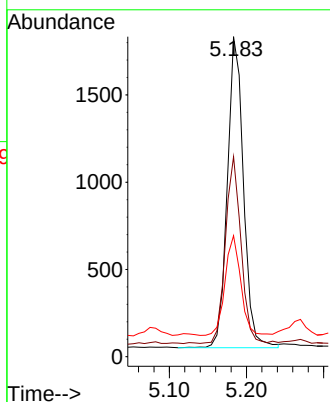
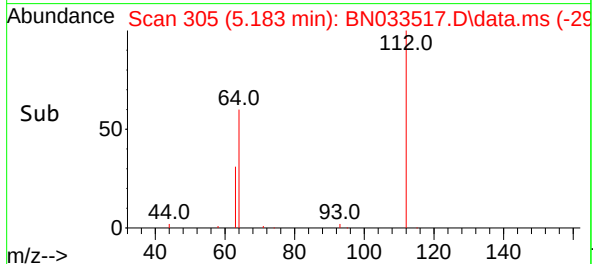
Instrument :
BNA_N
ClientSampleId :
917-J-WPO-0.25-081624



Tgt Ion:112 Resp: 260
Ion Ratio Lower Upper
112 100
64 57.7 47.1 70.7
63 30.9 24.9 37.3

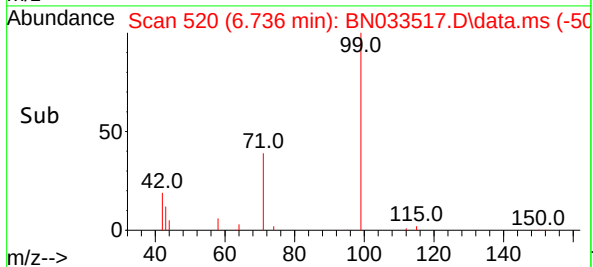
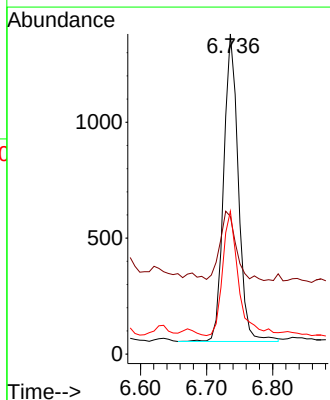
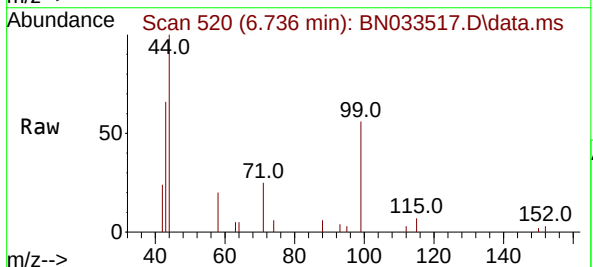
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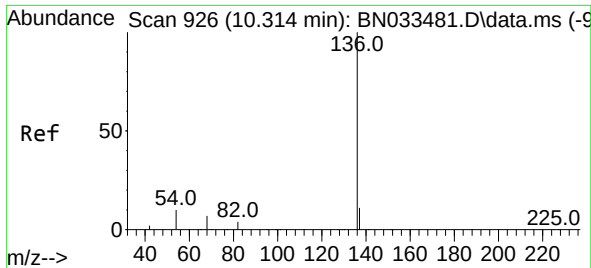
Reviewed By :Yogesh Patel 08/21/2024
Supervised By :mohammad ahmed 08/22/2024



#5
Phenol-d6
Concen: 0.074 ng
RT: 6.736 min Scan# 520
Delta R.T. -0.007 min
Lab File: BN033517.D
Acq: 20 Aug 2024 21:53

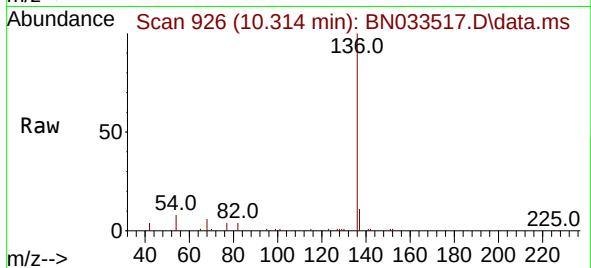
Tgt Ion: 99 Resp: 2048
Ion Ratio Lower Upper
99 100
42 24.6 16.6 24.8
71 43.8 26.2 39.4





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.314 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN033517.D
Acq: 20 Aug 2024 21:53

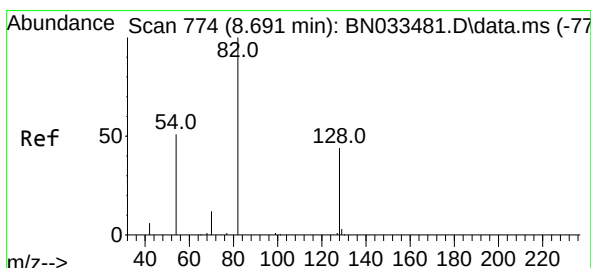
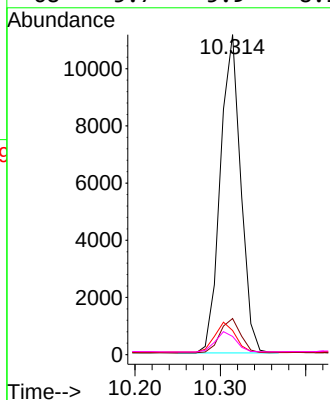
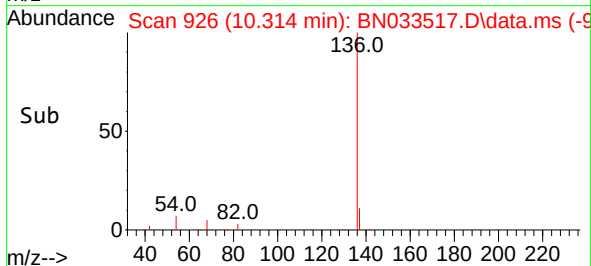
Instrument :
BNA_N
ClientSampleId :
917-J-WPO-0.25-081624



Tgt Ion: 136 Resp: 18500
Ion Ratio Lower Upper
136 100
137 11.3 9.0 13.6
54 7.6 8.3 12.5
68 5.7 5.9 8.9#

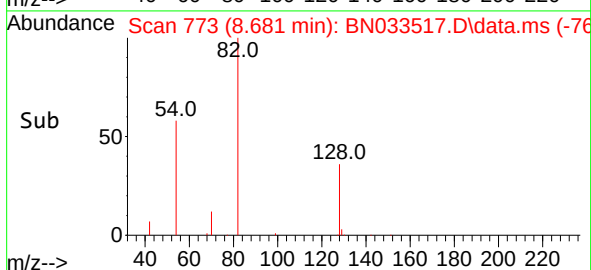
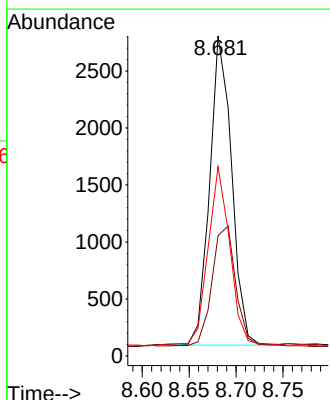
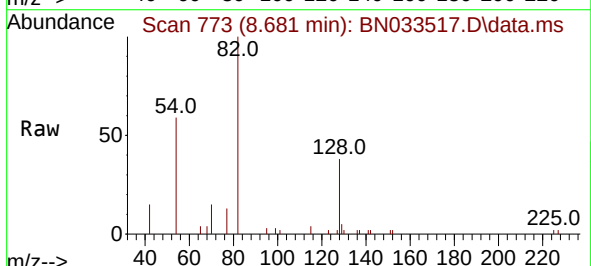
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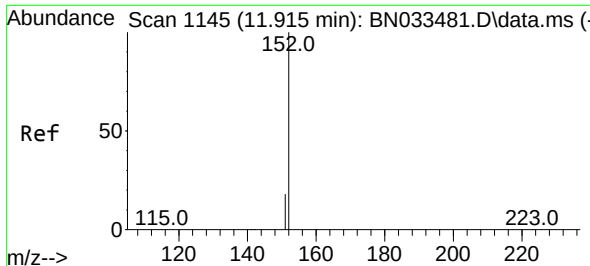
Reviewed By :Yogesh Patel 08/21/2024
Supervised By :mohammad ahmed 08/22/2024



#8
Nitrobenzene-d5
Concen: 0.287 ng
RT: 8.681 min Scan# 773
Delta R.T. -0.011 min
Lab File: BN033517.D
Acq: 20 Aug 2024 21:53

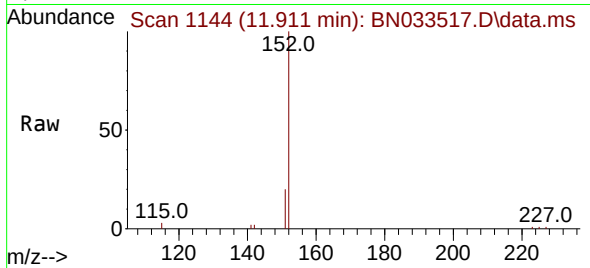
Tgt Ion: 82 Resp: 4400
Ion Ratio Lower Upper
82 100
128 37.6 36.0 54.0
54 59.2 42.0 63.0





#11
2-Methylnaphthalene-d10
Concen: 0.286 ng
RT: 11.911 min Scan# 1144
Delta R.T. -0.004 min
Lab File: BN033517.D
Acq: 20 Aug 2024 21:53

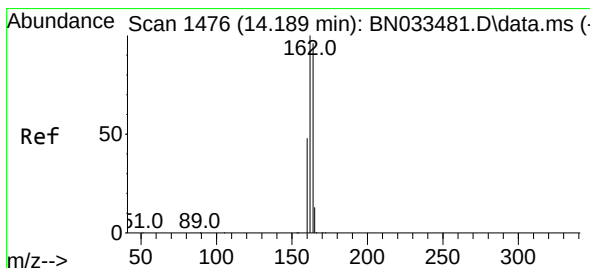
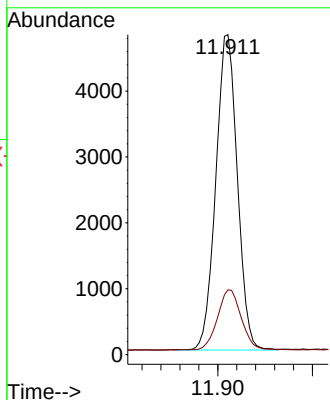
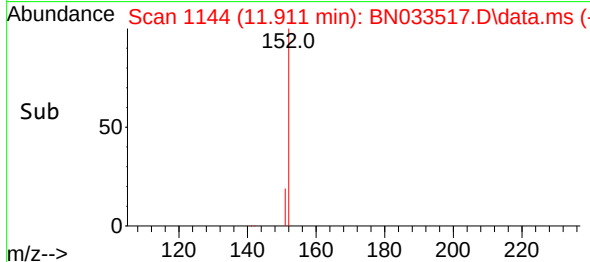
Instrument :
BNA_N
ClientSampleId :
917-J-WPO-0.25-081624



Tgt Ion:152 Resp: 7562
Ion Ratio Lower Upper
152 100
151 20.8 16.6 25.0

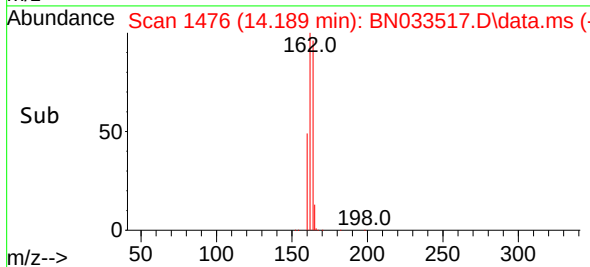
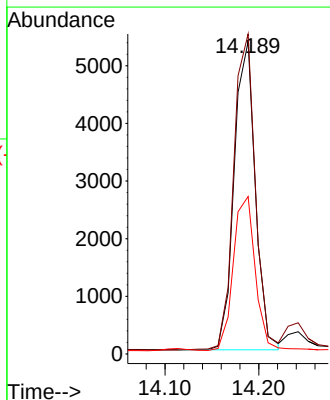
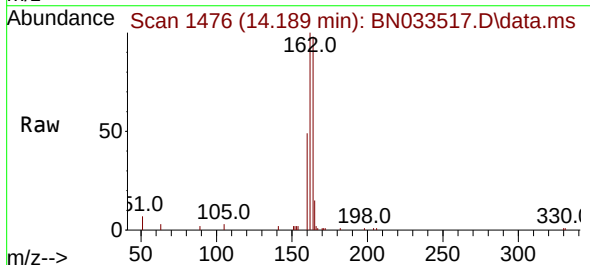
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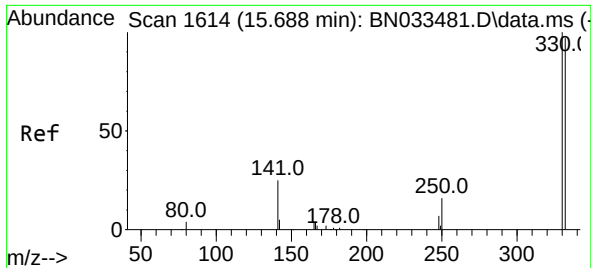
Reviewed By :Yogesh Patel 08/21/2024
Supervised By :mohammad ahmed 08/22/2024



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.189 min Scan# 1476
Delta R.T. -0.000 min
Lab File: BN033517.D
Acq: 20 Aug 2024 21:53

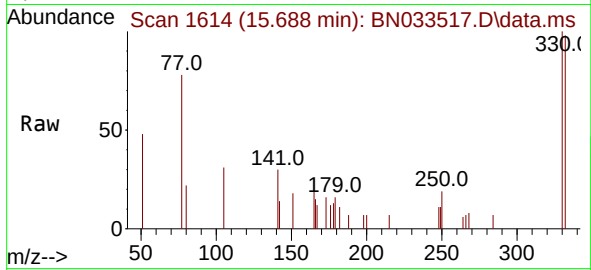
Tgt Ion:164 Resp: 8366
Ion Ratio Lower Upper
164 100
162 102.4 83.5 125.3
160 50.4 40.2 60.4





#14
2,4,6-Tribromophenol
Concen: 0.295 ng
RT: 15.688 min Scan# 1614
Delta R.T. -0.000 min
Lab File: BN033517.D
Acq: 20 Aug 2024 21:53

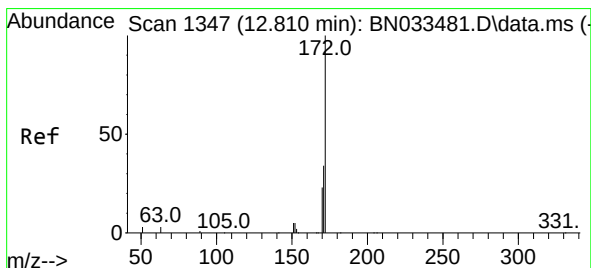
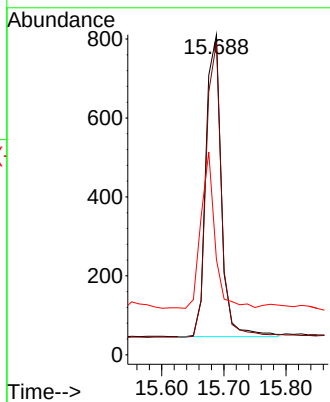
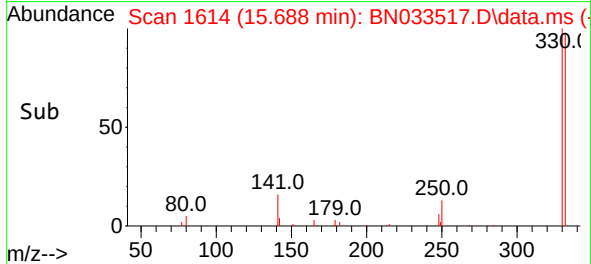
Instrument :
BNA_N
ClientSampleId :
917-J-WPO-0.25-081624



Tgt Ion:330 Resp: 1328
Ion Ratio Lower Upper
330 100
332 96.2 77.5 116.3
141 46.2 33.9 50.9

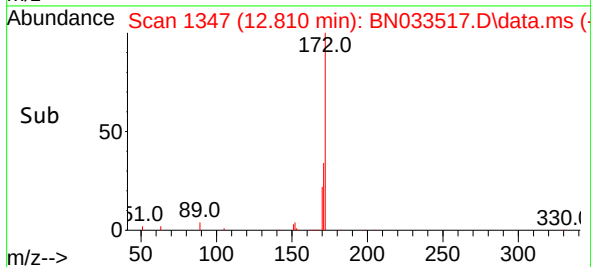
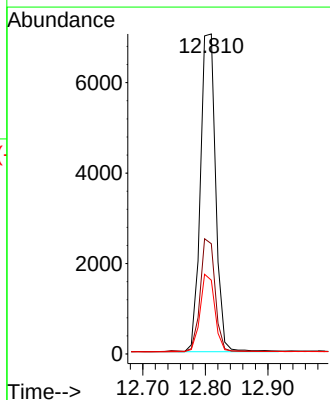
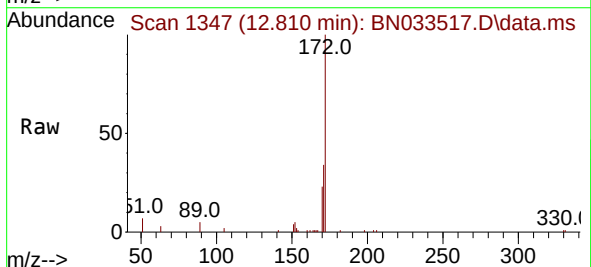
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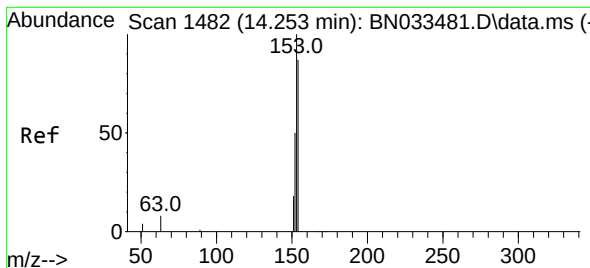
Reviewed By :Yogesh Patel 08/21/2024
Supervised By :mohammad ahmed 08/22/2024



#15
2-Fluorobiphenyl
Concen: 0.349 ng
RT: 12.810 min Scan# 1347
Delta R.T. -0.000 min
Lab File: BN033517.D
Acq: 20 Aug 2024 21:53

Tgt Ion:172 Resp: 11931
Ion Ratio Lower Upper
172 100
171 34.4 27.7 41.5
170 23.0 18.3 27.5





#17

Acenaphthene

Concen: 0.025 ng

RT: 14.253 min Scan# 1482

Delta R.T. -0.000 min

Lab File: BN033517.D

Acq: 20 Aug 2024 21:53

Instrument :

BNA_N

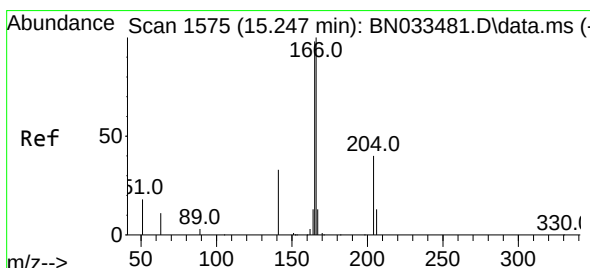
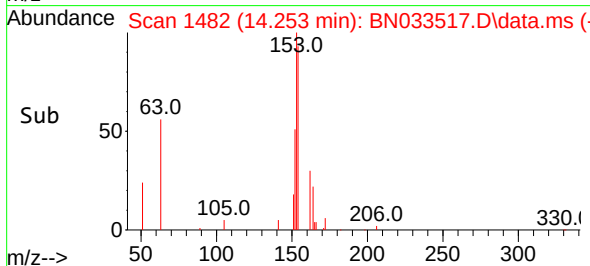
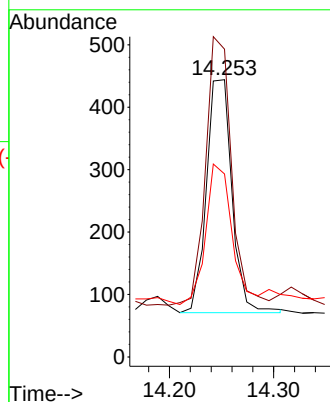
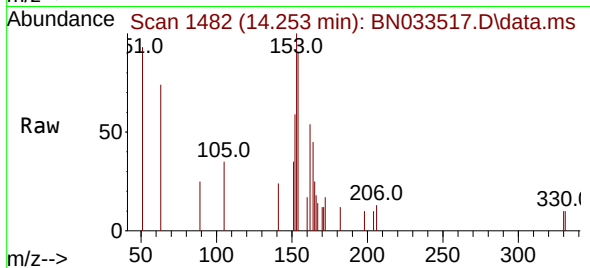
ClientSampleId :

917-J-WPO-0.25-081624

Tgt Ion:	154	Resp:	63
Ion Ratio	Lower	Upper	
154	100		
153	115.7	89.0	133.6
152	62.0	45.2	67.8

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



#18

Fluorene

Concen: 0.121 ng

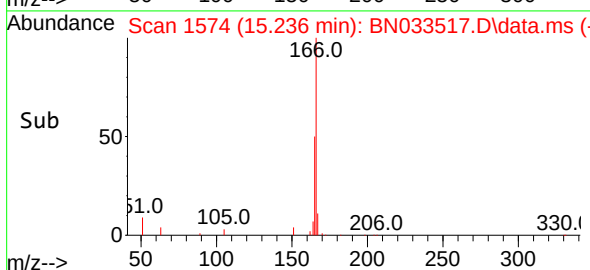
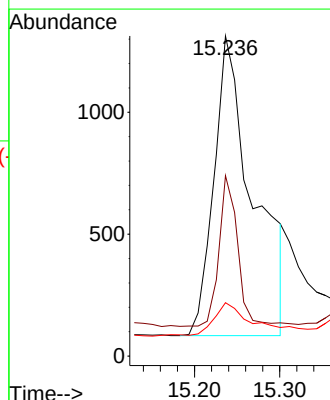
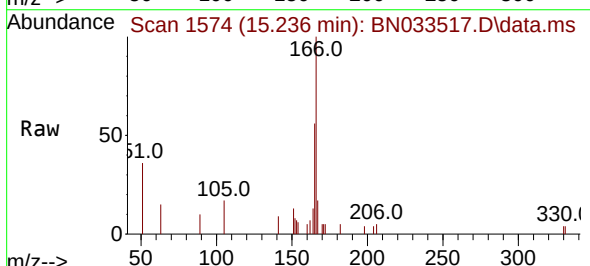
RT: 15.236 min Scan# 1574

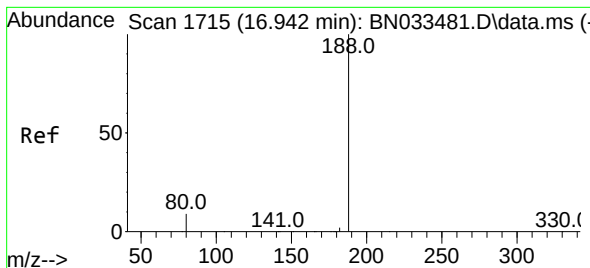
Delta R.T. -0.011 min

Lab File: BN033517.D

Acq: 20 Aug 2024 21:53

Tgt Ion:	166	Resp:	3932
Ion Ratio	Lower	Upper	
166	100		
165	23.7	78.2	117.4#
167	9.9	10.6	16.0#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.929 min Scan# 1714

Delta R.T. -0.012 min

Lab File: BN033517.D

Acq: 20 Aug 2024 21:53

Instrument :

BNA_N

ClientSampleId :

917-J-WPO-0.25-081624

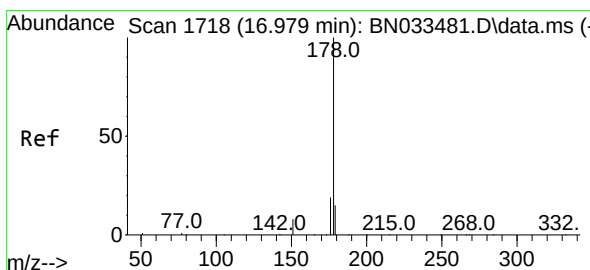
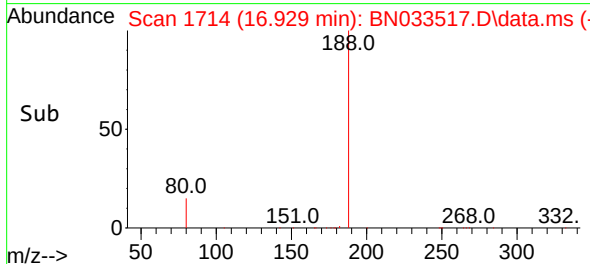
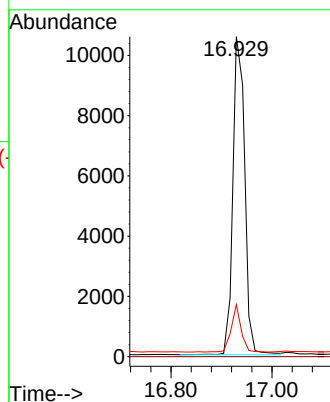
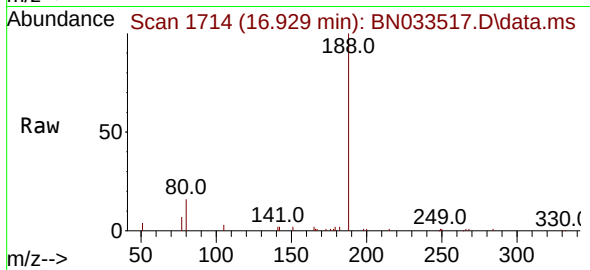
Tgt Ion:188	Resp:	1724
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0
80	16.3	7.8

Manual Integrations

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Reviewed By :Yogesh Patel 08/21/2024

Supervised By :mohammad ahmed 08/22/2024



#25

Phenanthrene

Concen: 0.105 ng

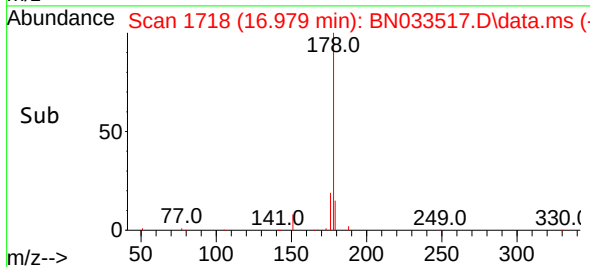
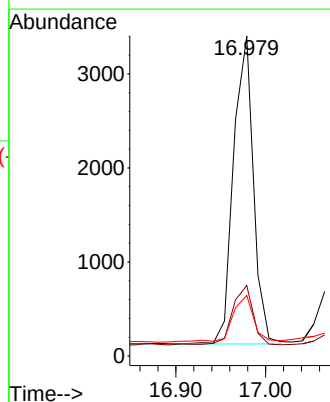
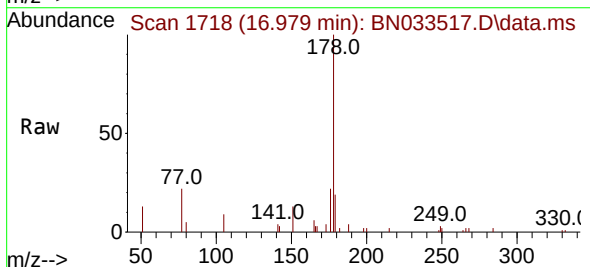
RT: 16.979 min Scan# 1718

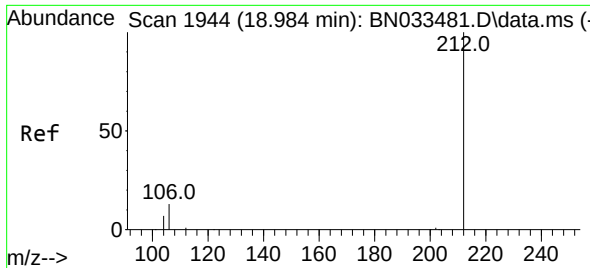
Delta R.T. -0.000 min

Lab File: BN033517.D

Acq: 20 Aug 2024 21:53

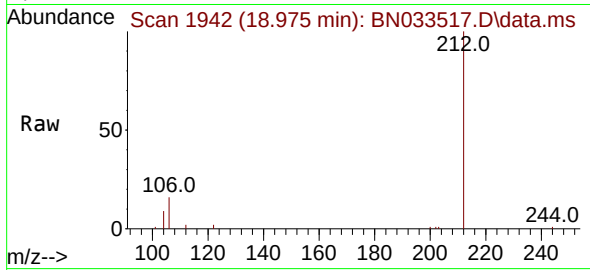
Tgt Ion:178	Resp:	5039
Ion Ratio	Lower	Upper
178	100	
176	19.9	15.3
179	15.8	12.3





#27
Fluoranthene-d10
Concen: 0.422 ng
RT: 18.975 min Scan# 1942
Delta R.T. -0.009 min
Lab File: BN033517.D
Acq: 20 Aug 2024 21:53

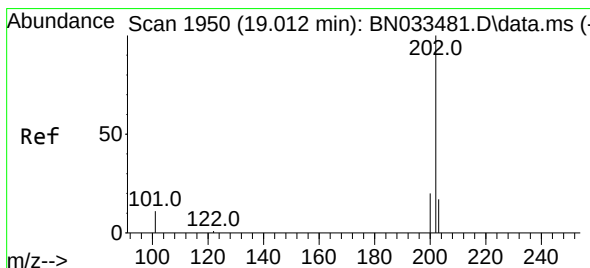
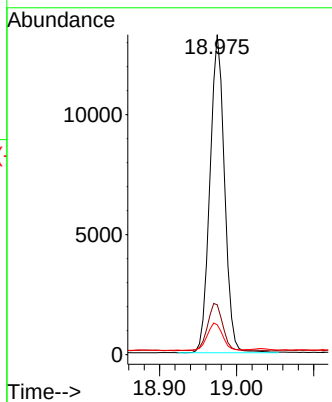
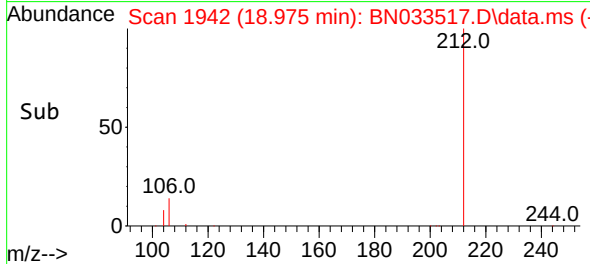
Instrument :
BNA_N
ClientSampleId :
917-J-WPO-0.25-081624



Tgt Ion:212 Resp: 17494
Ion Ratio Lower Upper
212 100
106 15.4 12.3 18.5
104 9.0 7.0 10.4

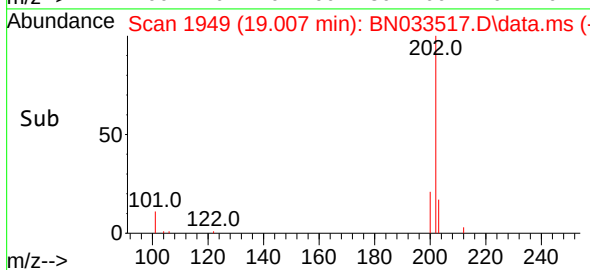
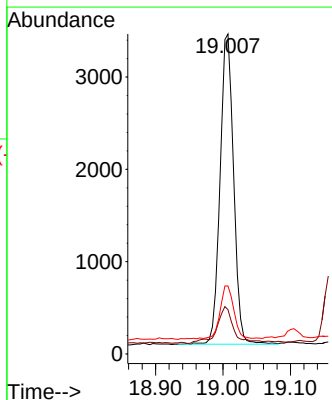
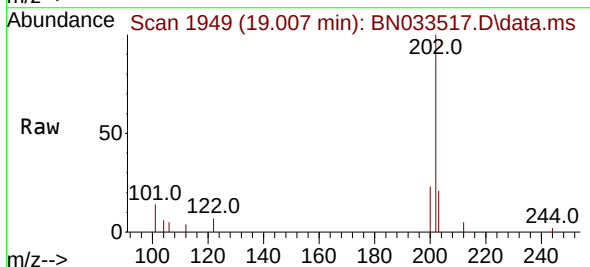
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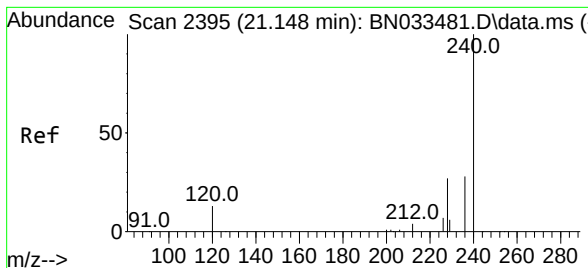
Reviewed By :Yogesh Patel 08/21/2024
Supervised By :mohammad ahmed 08/22/2024



#28
Fluoranthene
Concen: 0.088 ng
RT: 19.007 min Scan# 1949
Delta R.T. -0.005 min
Lab File: BN033517.D
Acq: 20 Aug 2024 21:53

Tgt Ion:202 Resp: 4691
Ion Ratio Lower Upper
202 100
101 14.7 9.5 14.3#
203 18.4 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: BN033517.D

Acq: 20 Aug 2024 21:53

Instrument :

BNA_N

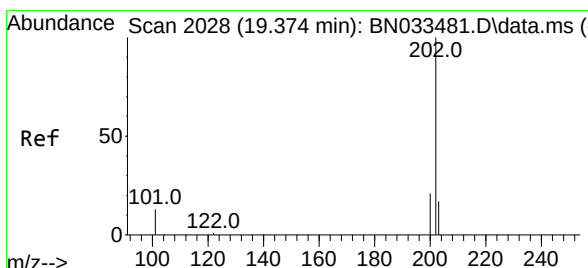
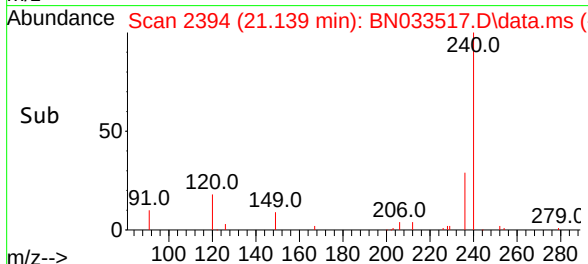
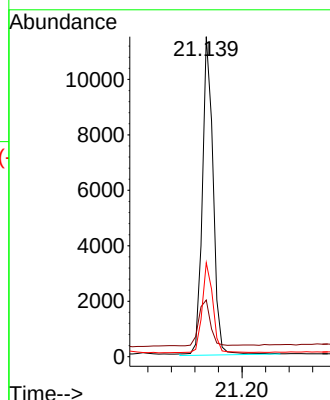
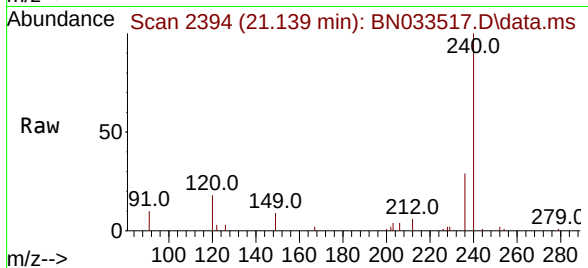
ClientSampleId :

917-J-WPO-0.25-081624

Tgt Ion:240	Resp:	14610
Ion Ratio	Lower	Upper
240	100	
120	17.7	12.4 18.6
236	29.4	23.0 34.6

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



#30

Pyrene

Concen: 0.042 ng

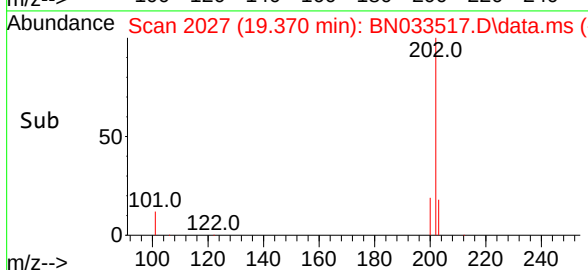
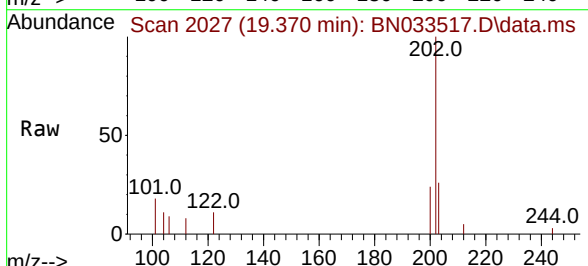
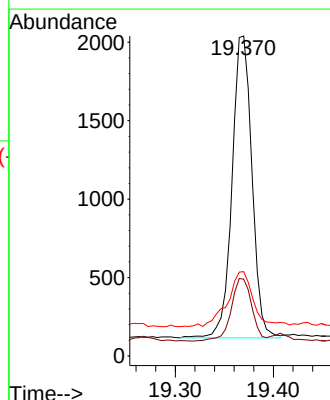
RT: 19.370 min Scan# 2027

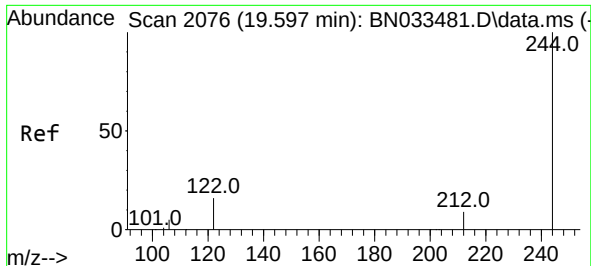
Delta R.T. -0.005 min

Lab File: BN033517.D

Acq: 20 Aug 2024 21:53

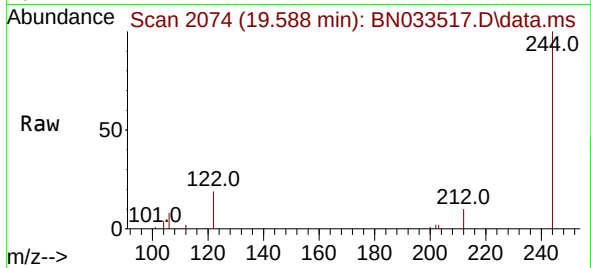
Tgt Ion:202	Resp:	2723
Ion Ratio	Lower	Upper
202	100	
200	21.5	16.6 24.8
203	23.7	14.2 21.4





#31
 Terphenyl-d14
 Concen: 0.381 ng
 RT: 19.588 min Scan# 2076
 Delta R.T. -0.009 min
 Lab File: BN033517.D
 Acq: 20 Aug 2024 21:53

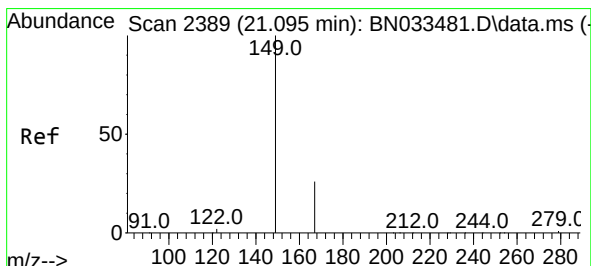
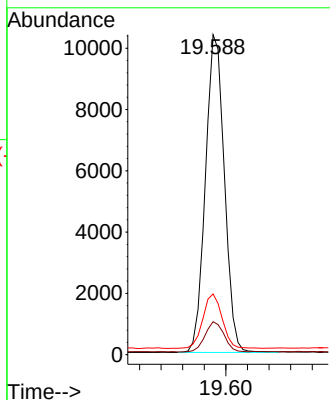
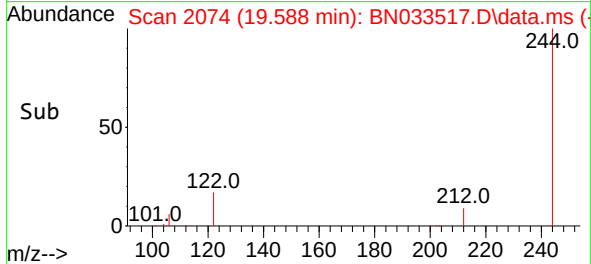
Instrument :
 BNA_N
 ClientSampleId :
 917-J-WPO-0.25-081624



Tgt Ion:244 Resp: 1266
 Ion Ratio Lower Upper
 244 100
 212 10.3 7.8 11.6
 122 19.0 13.3 19.9

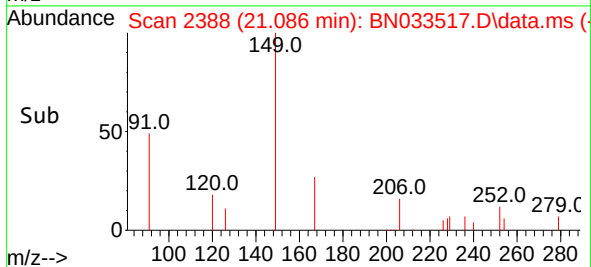
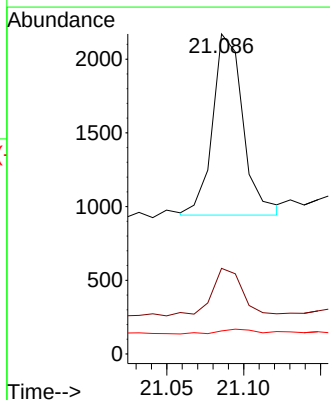
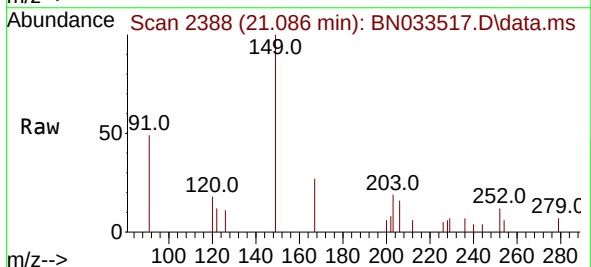
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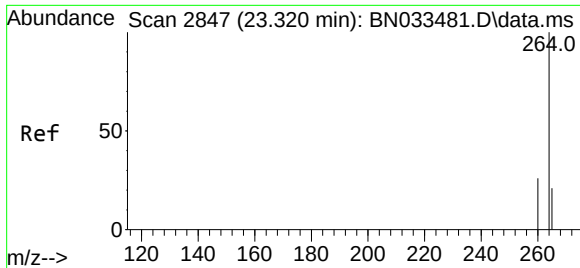
Reviewed By :Yogesh Patel 08/21/2024
 Supervised By :mohammad ahmed 08/22/2024



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.051 ng m
 RT: 21.086 min Scan# 2388
 Delta R.T. -0.009 min
 Lab File: BN033517.D
 Acq: 20 Aug 2024 21:53

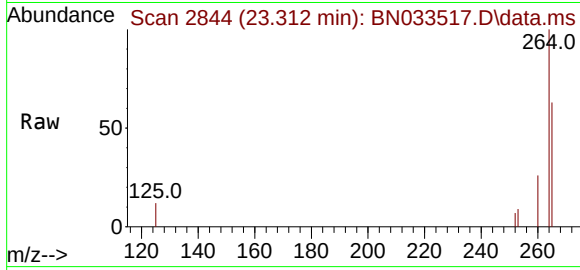
Tgt Ion:149 Resp: 1693
 Ion Ratio Lower Upper
 149 100
 167 34.1 21.5 32.3#
 279 0.0 2.2 3.2#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.312 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN033517.D
Acq: 20 Aug 2024 21:53

Instrument :
BNA_N
ClientSampleId :
917-J-WPO-0.25-081624



Tgt Ion:264 Resp: 15164
Ion Ratio Lower Upper
264 100
260 26.4 20.8 31.2
265 63.3 52.2 78.2

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

