

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081724\
 Data File : BN033432.D
 Acq On : 16 Aug 2024 16:02
 Operator : MA/JU
 Sample : P3430-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 50

Instrument :
 BNA_N
 ClientSampleId :
 927-K1-WPO-0-0.25-073124

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/17/2024
 Supervised By :mohammad ahmed 08/21/2024

Quant Time: Aug 16 18:03:59 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 16 04:44:11 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.567	152	375314	20.000	ng	0.00
7) Naphthalene-d8	10.325	136	1036148	20.000	ng	#-0.01
13) Acenaphthene-d10	14.199	164	565612	20.000	ng	0.00
19) Phenanthrene-d10	16.954	188	1100832	20.000	ng	# 0.00
29) Chrysene-d12	21.157	240	883764	20.000	ng	0.00
35) Perylene-d12	23.338	264	935153	20.000	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.198	112	1546239	74.580	ng	0.00
5) Phenol-d6	6.751	99	1241640	44.338	ng	0.00
8) Nitrobenzene-d5	8.702	82	1936111	123.872	ng	0.00
11) 2-Methylnaphthalene-d10	0.000	152	0d	0.000	ng	
14) 2,4,6-Tribromophenol	15.701	330	1107987	190.906	ng	0.00
15) 2-Fluorobiphenyl	12.820	172	4014916	86.582	ng	0.00
27) Fluoranthene-d10	0.000	212	0d	0.000	ng	
31) Terphenyl-d14	19.611	244	3131062	93.766	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.190	88	1545	0.185	ng	# 60
18) Fluorene	15.258	166	2651	0.056	ng	# 41
25) Phenanthrene	16.991	178	1338m	0.021	ng	
28) Fluoranthene	19.017	202	1918	0.024	ng	98
34) Bis(2-ethylhexyl)phtha...	21.113	149	3395	0.113	ng	# 96
37) Benzo(b)fluoranthene	22.692	252	1432	0.020	ng	# 1

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

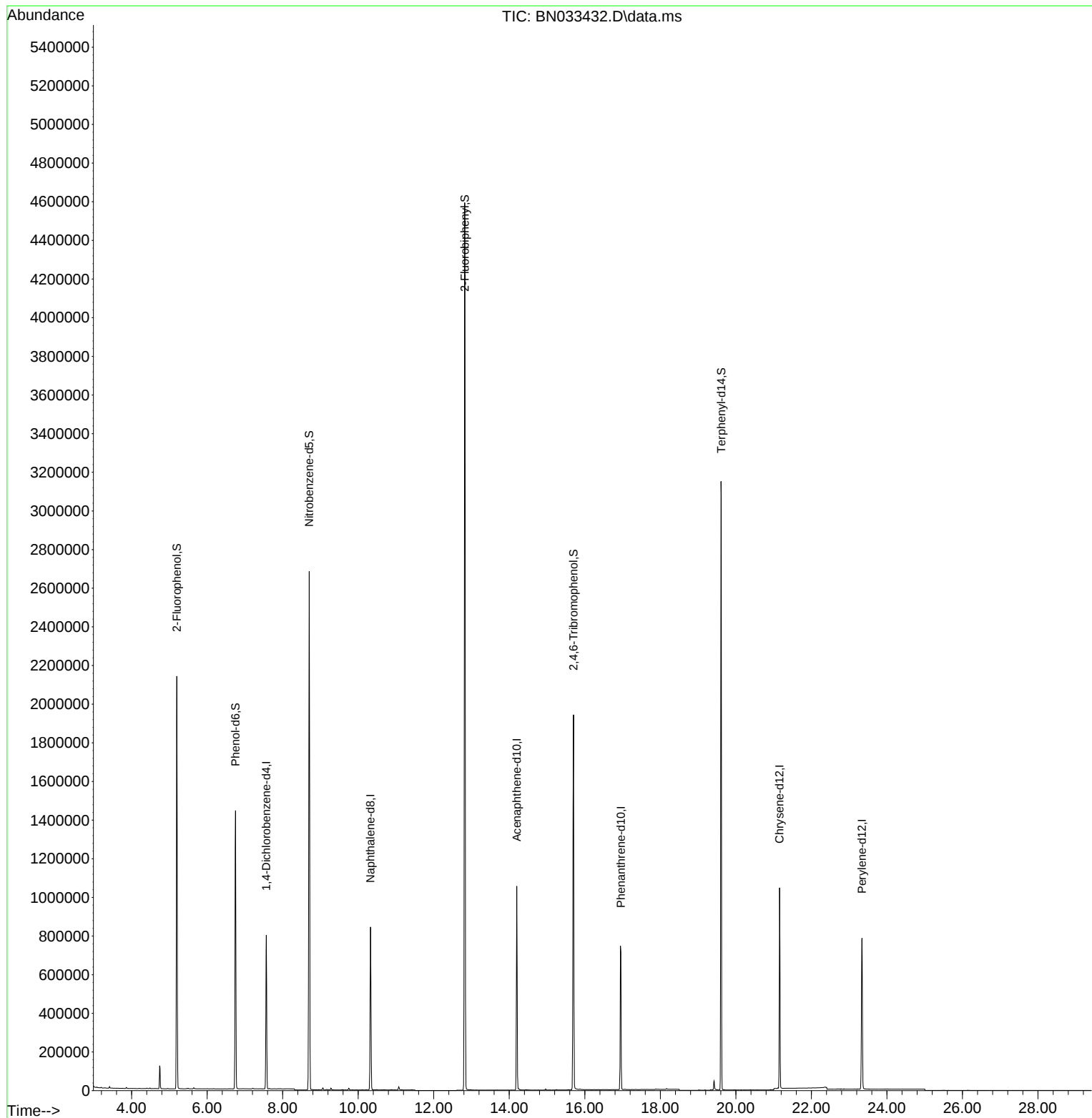
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Data File : BN033432.D
Acq On : 16 Aug 2024 16:02
Operator : MA/JU
Sample : P3430-01
Misc :
ALS Vial : 6 Sample Multiplier: 50

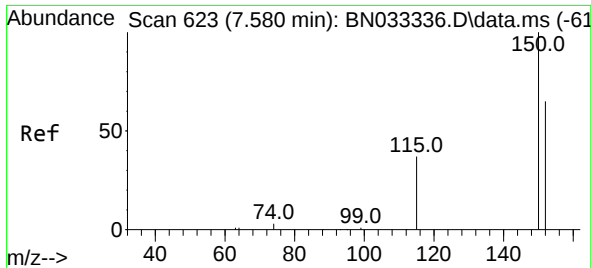
Instrument :
BNA_N
ClientSampleId :
927-K1-WPO-0-0.25-073124

Quant Time: Aug 16 18:03:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 16 04:44:11 2024
Response via : Initial Calibration

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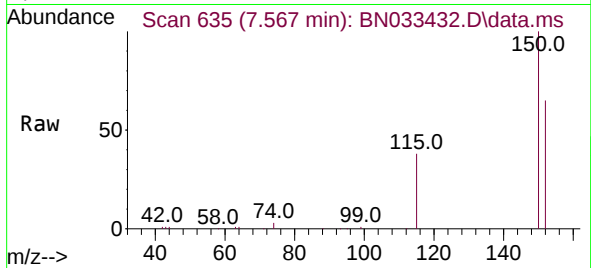
Reviewed By :Yogesh Patel 08/17/2024
Supervised By :mohammad ahmed 08/21/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.567 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN033432.D
Acq: 16 Aug 2024 16:02

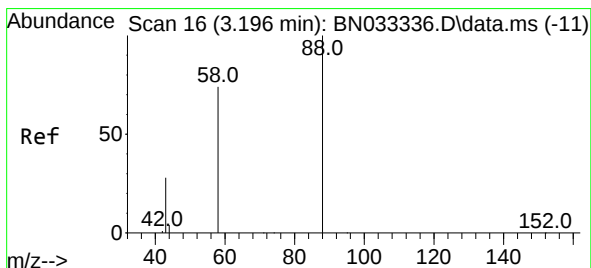
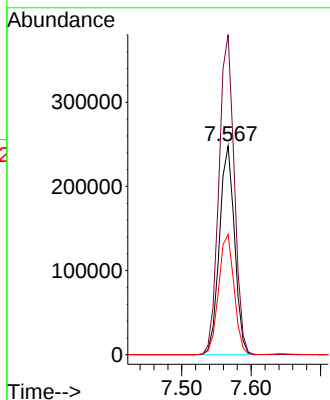
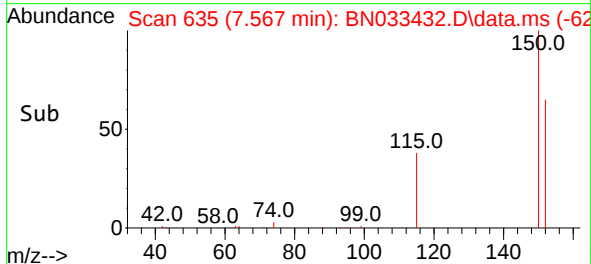
Instrument :
BNA_N
ClientSampleId :
927-K1-WPO-0-0.25-073124



Tgt Ion:152 Resp: 375314
Ion Ratio Lower Upper
152 100
150 153.2 122.3 183.5
115 57.6 48.8 73.2

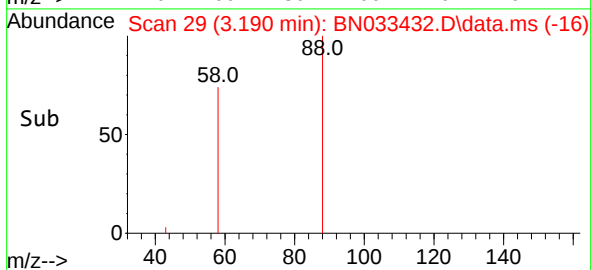
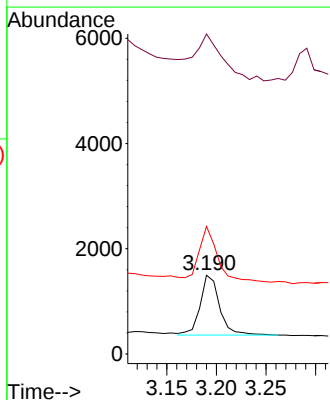
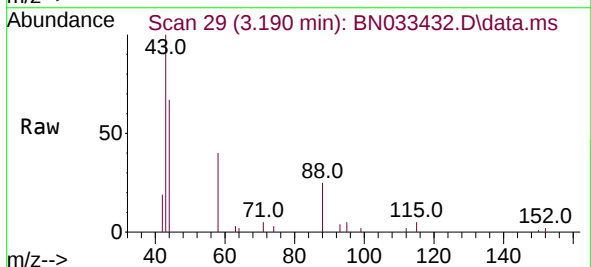
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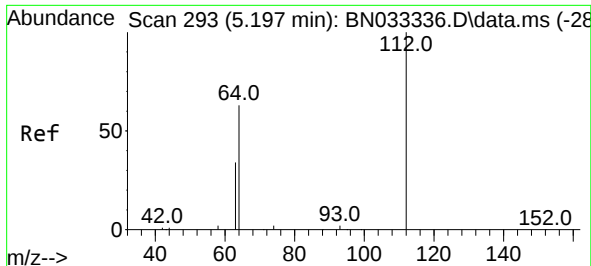
Reviewed By :Yogesh Patel 08/17/2024
Supervised By :mohammad ahmed 08/21/2024



#2
1,4-Dioxane
Concen: 0.185 ng
RT: 3.190 min Scan# 29
Delta R.T. -0.007 min
Lab File: BN033432.D
Acq: 16 Aug 2024 16:02

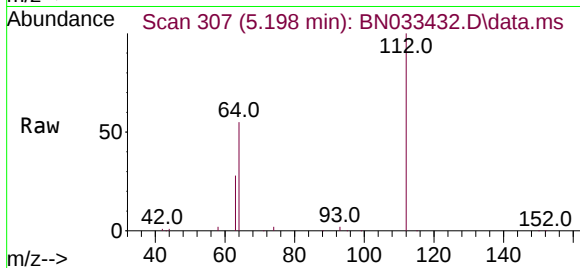
Tgt Ion: 88 Resp: 1545
Ion Ratio Lower Upper
88 100
43 102.5 30.6 46.0#
58 88.3 64.5 96.7





#4
2-Fluorophenol
Concen: 74.580 ng
RT: 5.198 min Scan# 307
Delta R.T. 0.000 min
Lab File: BN033432.D
Acq: 16 Aug 2024 16:02

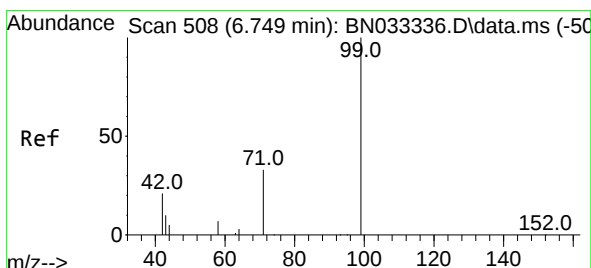
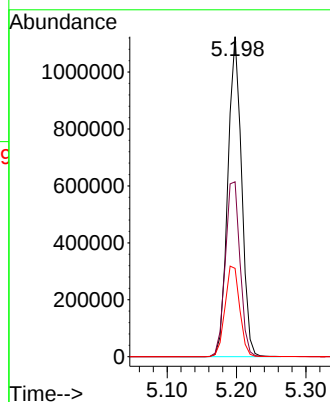
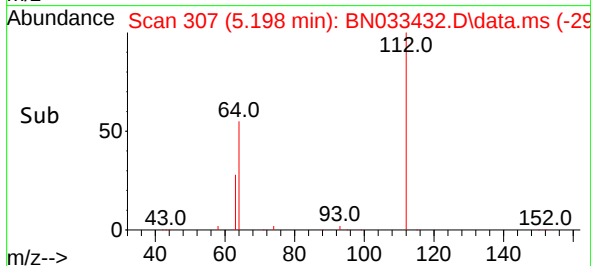
Instrument :
BNA_N
ClientSampleId :
927-K1-WPO-0-0.25-073124



Tgt Ion:112 Resp: 1546239
Ion Ratio Lower Upper
112 100
64 58.7 48.1 72.1
63 30.2 25.4 38.2

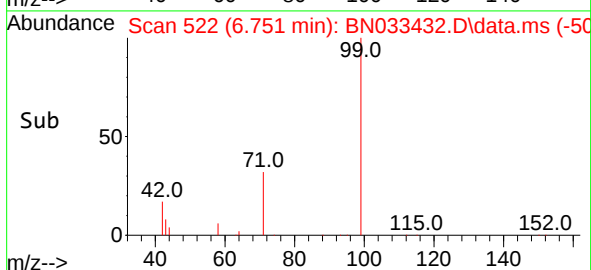
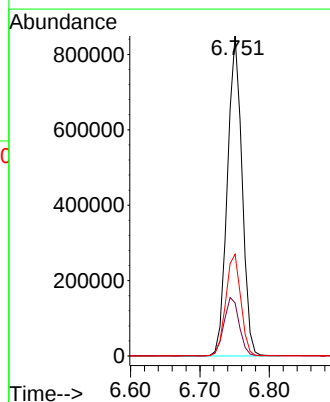
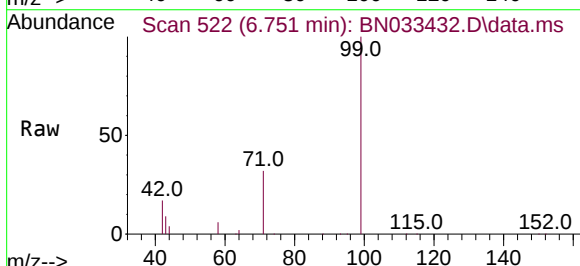
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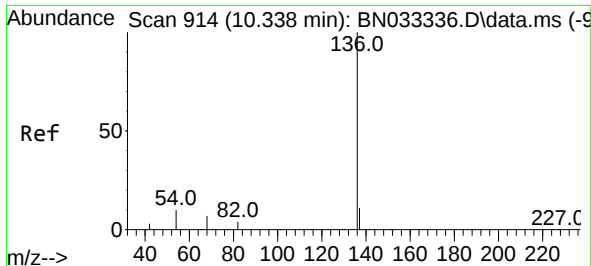
Reviewed By :Yogesh Patel 08/17/2024
Supervised By :mohammad ahmed 08/21/2024



#5
Phenol-d6
Concen: 44.338 ng
RT: 6.751 min Scan# 522
Delta R.T. 0.000 min
Lab File: BN033432.D
Acq: 16 Aug 2024 16:02

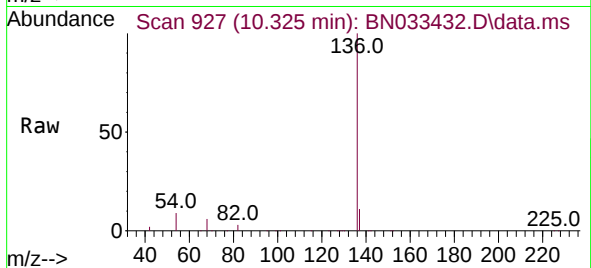
Tgt Ion: 99 Resp: 1241640
Ion Ratio Lower Upper
99 100
42 18.9 18.5 27.7
71 32.7 26.2 39.2





#7
Naphthalene-d8
Concen: 20.000 ng
RT: 10.325 min Scan# 914
Delta R.T. -0.011 min
Lab File: BN033432.D
Acq: 16 Aug 2024 16:02

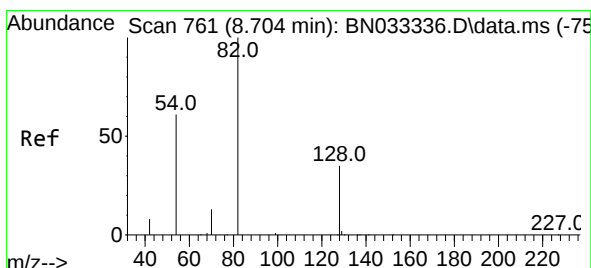
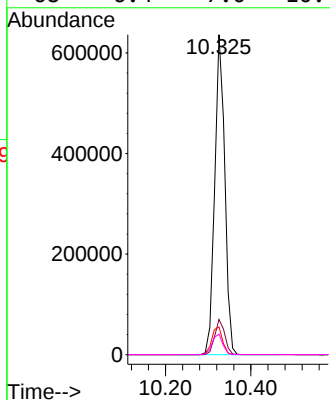
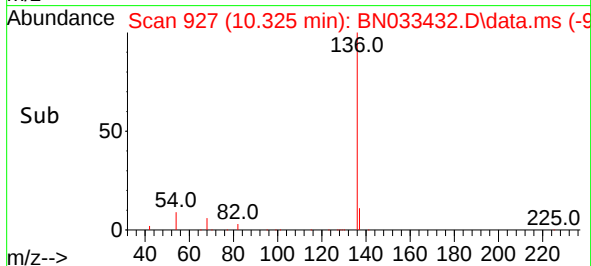
Instrument :
BNA_N
ClientSampleId :
927-K1-WPO-0-0.25-073124



Tgt Ion:136 Resp: 103614
Ion Ratio Lower Upper
136 100
137 11.0 9.1 13.7
54 8.6 9.4 14.0
68 6.4 7.0 10.4#

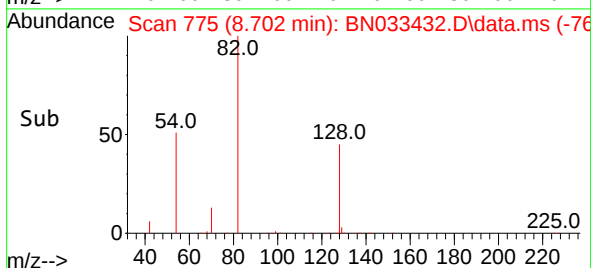
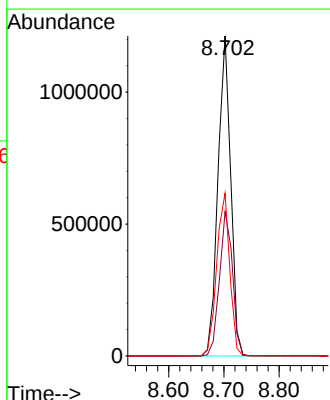
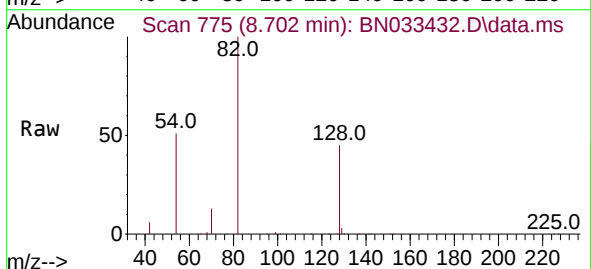
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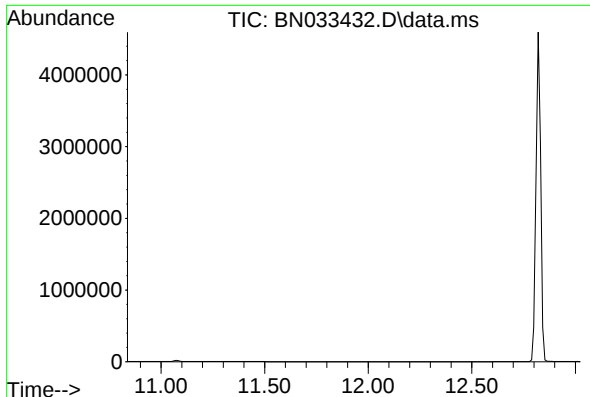
Reviewed By :Yogesh Patel 08/17/2024
Supervised By :mohammad ahmed 08/21/2024



#8
Nitrobenzene-d5
Concen: 123.872 ng
RT: 8.702 min Scan# 775
Delta R.T. 0.000 min
Lab File: BN033432.D
Acq: 16 Aug 2024 16:02

Tgt Ion: 82 Resp: 1936111
Ion Ratio Lower Upper
82 100
128 45.1 29.0 43.4#
54 50.9 50.2 75.4





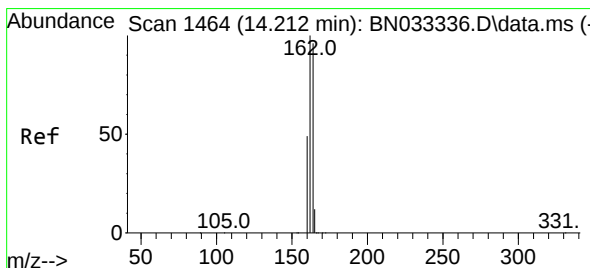
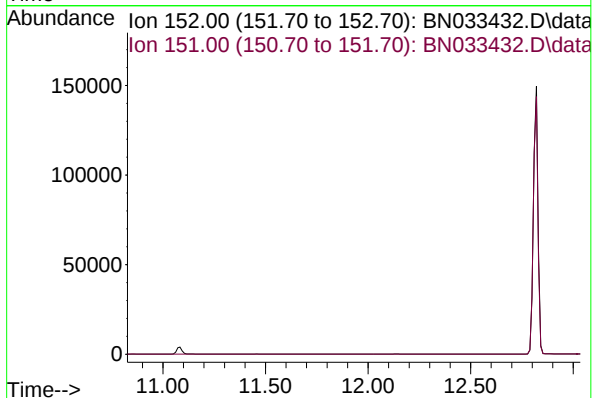
#11
 2-Methylnaphthalene-d10
 Concen: 0.000 ng
 Expected RT: 11.93 min
 Lab File: BN033432.D
 Acq: 16 Aug 2024 16:02

Instrument :
 BNA_N
 ClientSampleId :
 927-K1-WPO-0-0.25-073124

Tgt Ion: 152
 Sig Exp Ratio
 152 100
 151 20.9

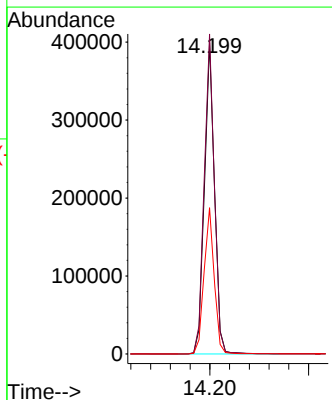
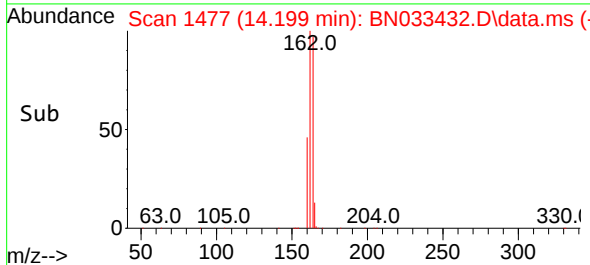
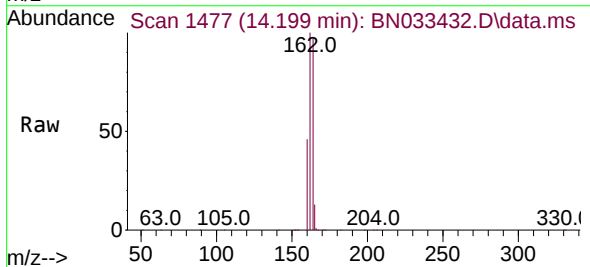
Manual Integrations
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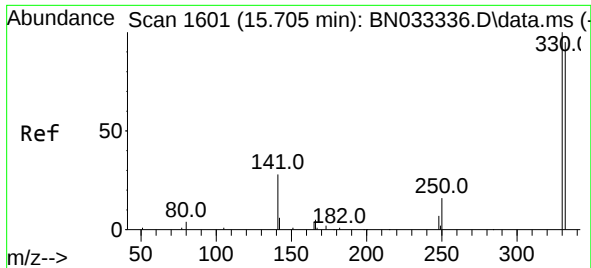
Reviewed By :Yogesh Patel 08/17/2024
 Supervised By :mohammad ahmed 08/21/2024



#13
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.199 min Scan# 1477
 Delta R.T. 0.000 min
 Lab File: BN033432.D
 Acq: 16 Aug 2024 16:02

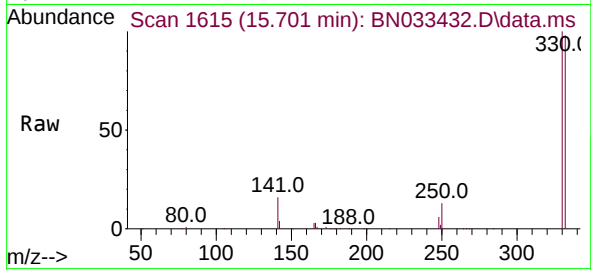
Tgt Ion:164 Resp: 565612
 Ion Ratio Lower Upper
 164 100
 162 102.8 83.1 124.7
 160 47.0 41.1 61.7





#14
2,4,6-Tribromophenol
Concen: 190.906 ng
RT: 15.701 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN033432.D
Acq: 16 Aug 2024 16:02

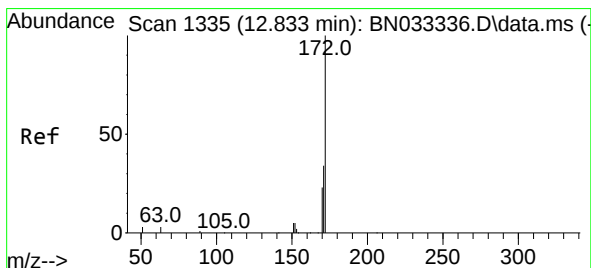
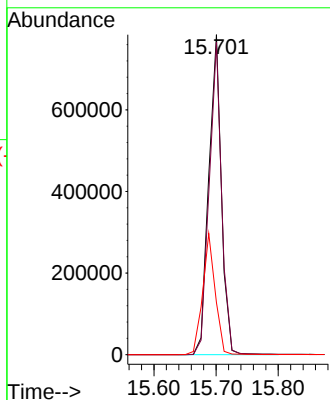
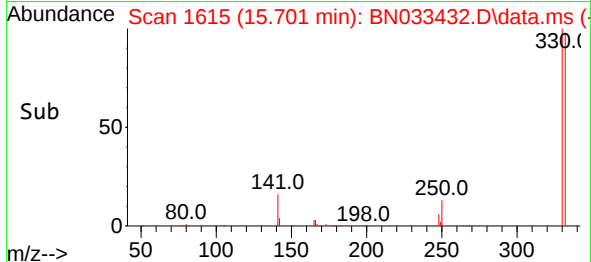
Instrument :
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ClientSampleId :
927-K1-WPO-0-0.25-073124



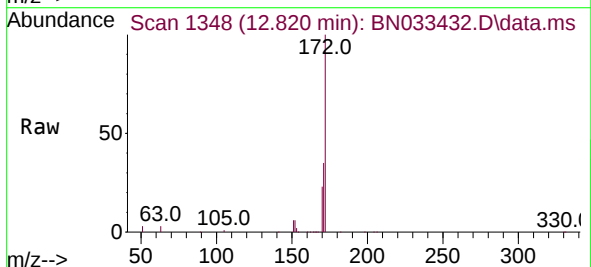
Tgt Ion:330 Resp: 110798
Ion Ratio Lower Upper
330 100
332 96.2 77.1 115.7
141 37.8 33.4 50.0

Manual Integrations
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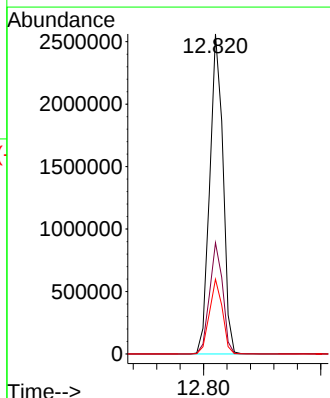
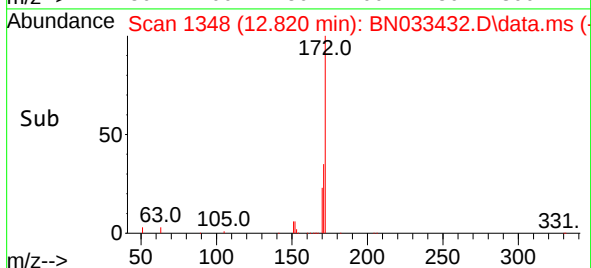
Reviewed By :Yogesh Patel 08/17/2024
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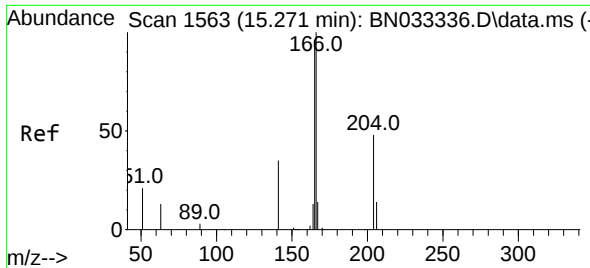


#15
2-Fluorobiphenyl
Concen: 86.582 ng
RT: 12.820 min Scan# 1348
Delta R.T. 0.000 min
Lab File: BN033432.D
Acq: 16 Aug 2024 16:02



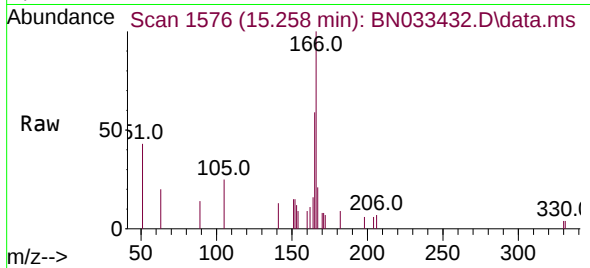
Tgt Ion:172 Resp: 4014916
Ion Ratio Lower Upper
172 100
171 34.8 27.8 41.8
170 23.3 18.7 28.1





#18
Fluorene
Concen: 0.056 ng
RT: 15.258 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN033432.D
Acq: 16 Aug 2024 16:02

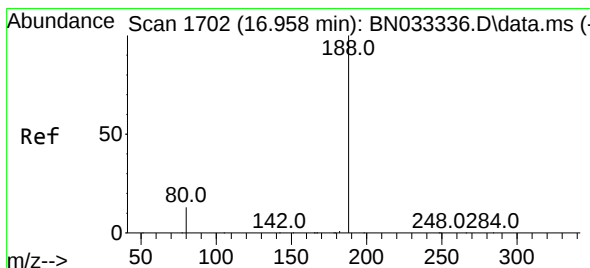
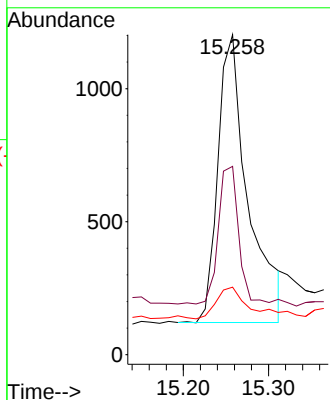
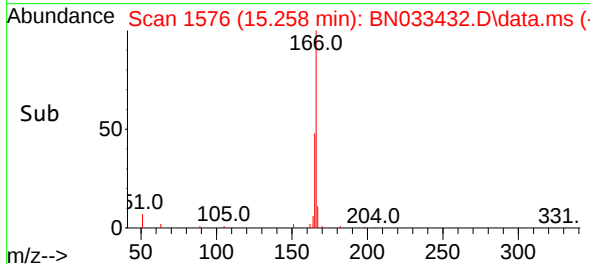
Instrument :
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927-K1-WPO-0-0.25-073124



Tgt Ion:166 Resp: 265
Ion Ratio Lower Upper
166 100
165 32.0 78.0 117.0
167 11.7 10.7 16.1

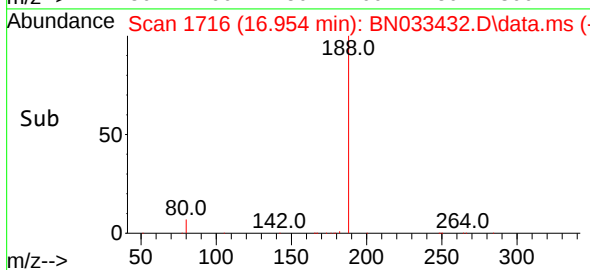
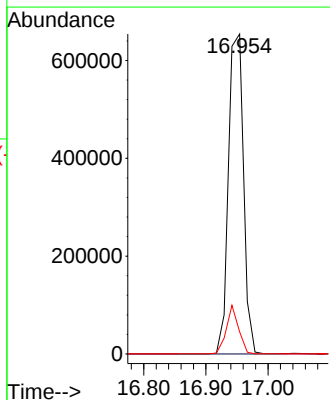
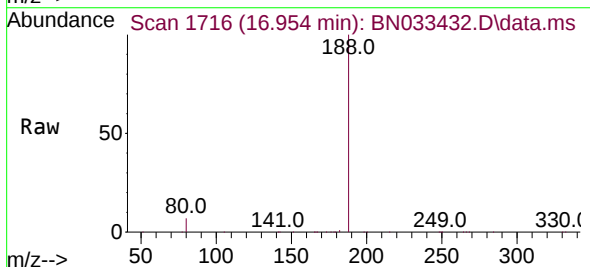
Manual Integrations
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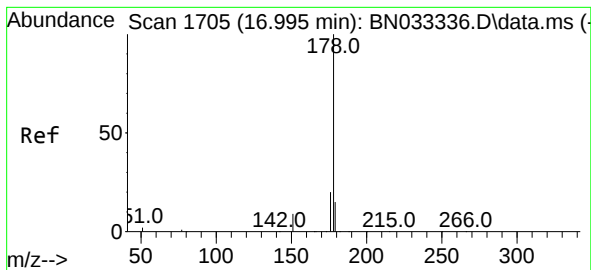
Reviewed By :Yogesh Patel 08/17/2024
Supervised By :mohammad ahmed 08/21/2024



#19
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.954 min Scan# 1716
Delta R.T. 0.000 min
Lab File: BN033432.D
Acq: 16 Aug 2024 16:02

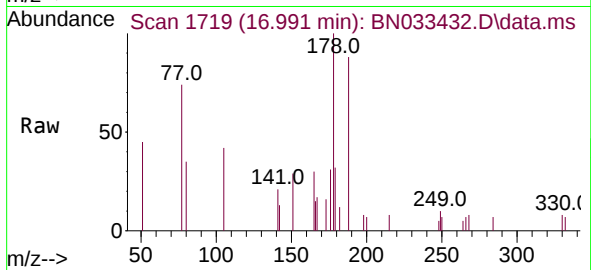
Tgt Ion:188 Resp: 1100832
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 6.9 10.7 16.1





#25
Phenanthrene
Concen: 0.021 ng m
RT: 16.991 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN033432.D
Acq: 16 Aug 2024 16:02

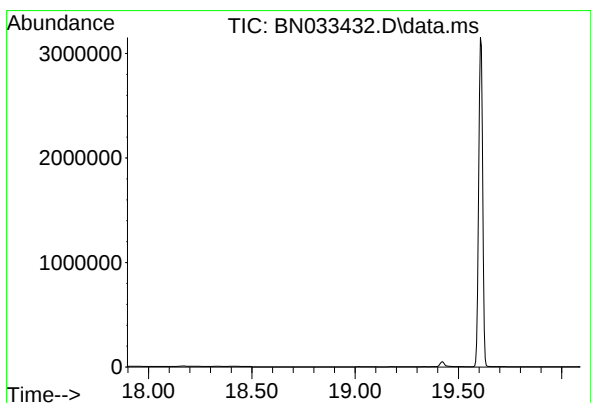
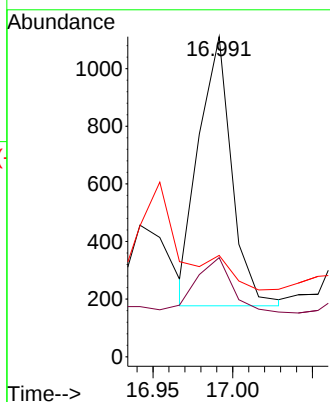
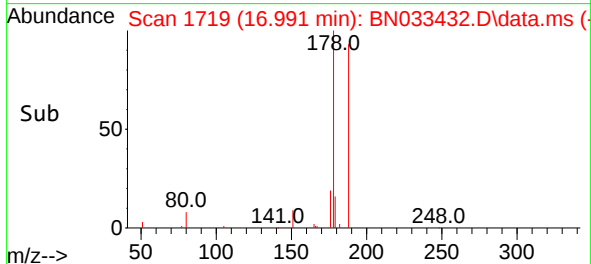
Instrument :
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927-K1-WPO-0-0.25-073124



Tgt Ion:178 Resp: 1338
Ion Ratio Lower Upper
178 100
176 23.0 15.4 23.0
179 0.0 12.2 18.2

Manual Integrations
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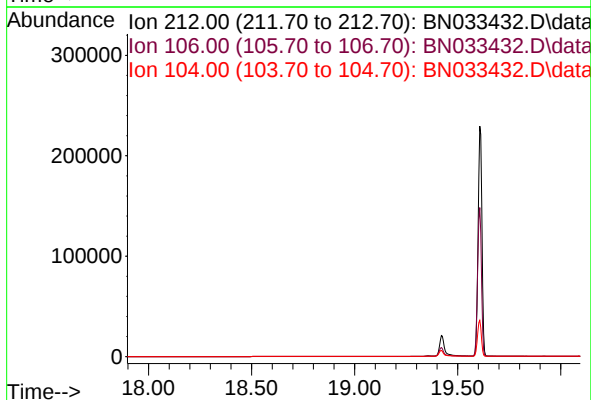
Reviewed By :Yogesh Patel 08/17/2024
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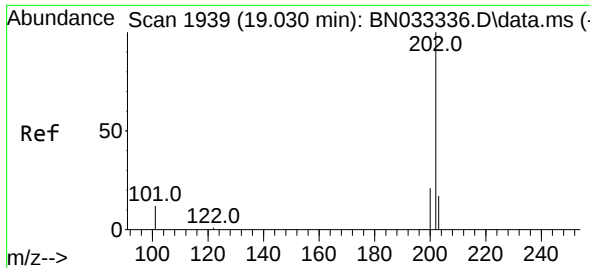


#27
Fluoranthene-d10
Concen: 0.000 ng
Expected RT: 18.99 min

Lab File: BN033432.D
Acq: 16 Aug 2024 16:02

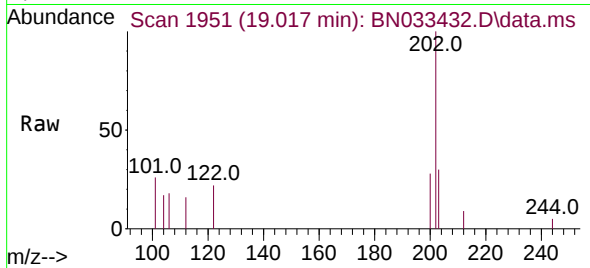
Tgt Ion: 212
Sig Exp Ratio
212 100
106 16.0
104 8.9





#28
Fluoranthene
Concen: 0.024 ng
RT: 19.017 min Scan# 1918
Delta R.T. -0.005 min
Lab File: BN033432.D
Acq: 16 Aug 2024 16:02

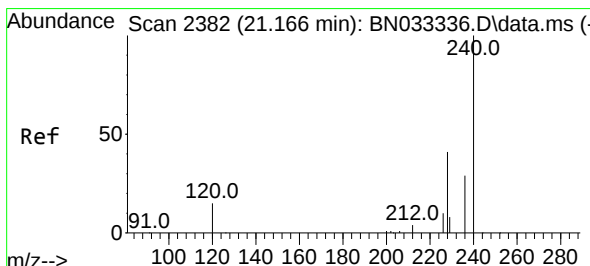
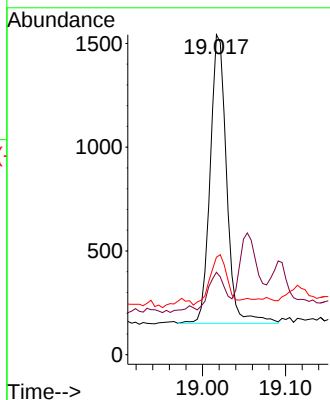
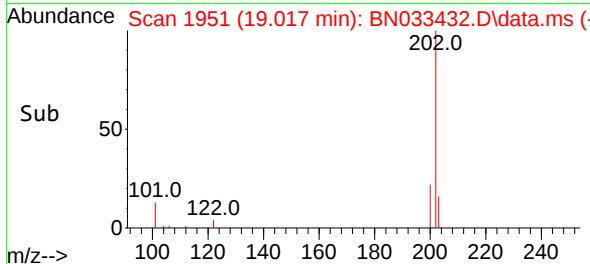
Instrument :
BNA_N
ClientSampleId :
927-K1-WPO-0-0.25-073124



Tgt Ion:202 Resp: 1918
Ion Ratio Lower Upper
202 100
101 12.9 9.8 14.6
203 18.2 13.8 20.6

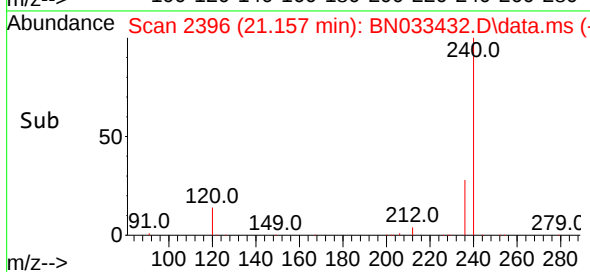
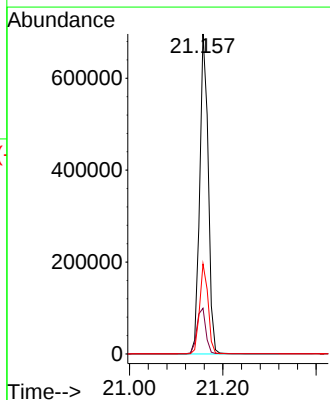
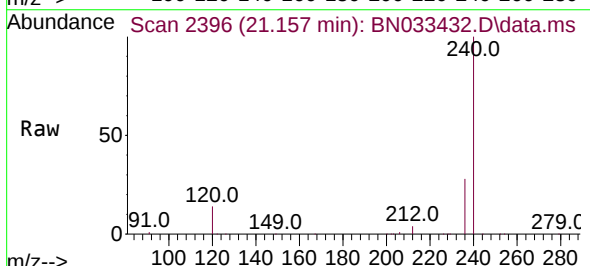
Manual Integrations
APPROVED

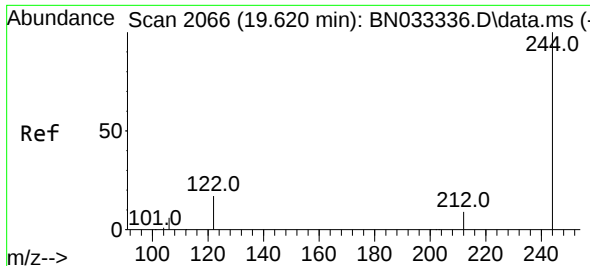
Reviewed By :Yogesh Patel 08/17/2024
Supervised By :mohammad ahmed 08/21/2024



#29
Chrysene-d12
Concen: 20.000 ng
RT: 21.157 min Scan# 2396
Delta R.T. 0.000 min
Lab File: BN033432.D
Acq: 16 Aug 2024 16:02

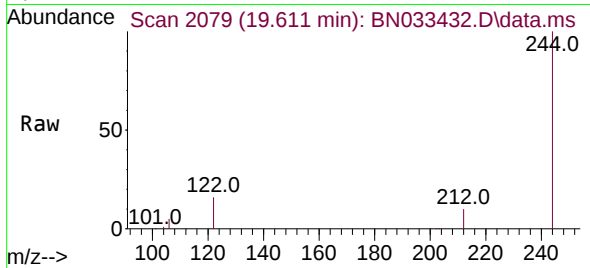
Tgt Ion:240 Resp: 883764
Ion Ratio Lower Upper
240 100
120 14.3 13.0 19.6
236 28.2 23.2 34.8





#31
Terphenyl-d14
Concen: 93.766 ng
RT: 19.611 min Scan# 2066
Delta R.T. 0.005 min
Lab File: BN033432.D
Acq: 16 Aug 2024 16:02

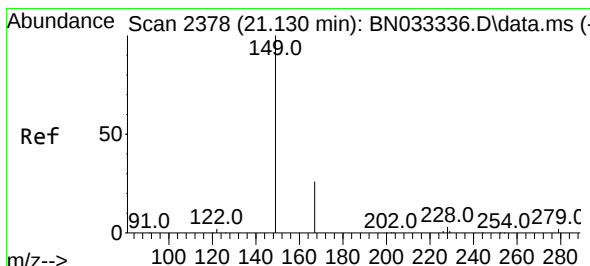
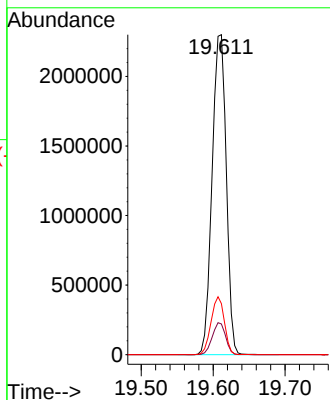
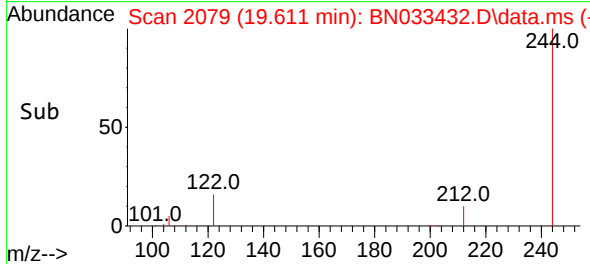
Instrument :
BNA_N
ClientSampleId :
927-K1-WPO-0-0.25-073124



Tgt Ion:244 Resp: 3131062
Ion Ratio Lower Upper
244 100
212 9.6 7.7 11.5
122 15.9 14.0 21.0

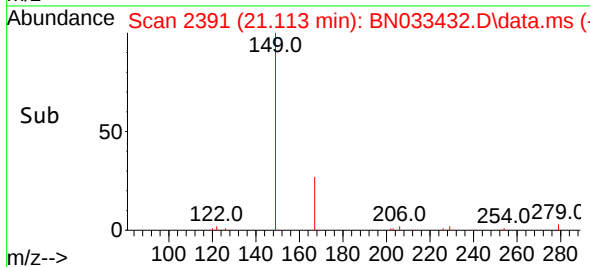
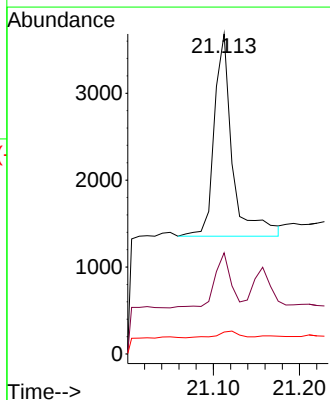
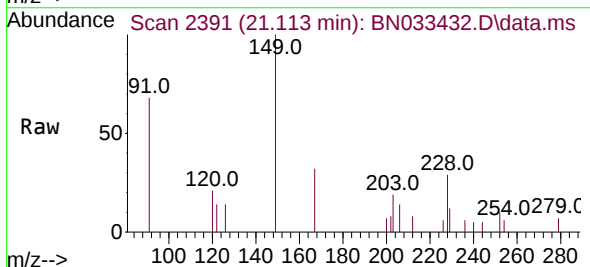
Manual Integrations
APPROVED

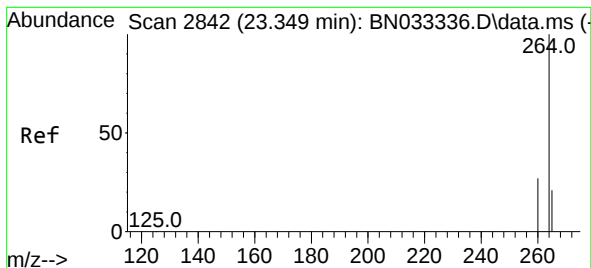
Reviewed By :Yogesh Patel 08/17/2024
Supervised By :mohammad ahmed 08/21/2024



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.113 ng
RT: 21.113 min Scan# 2391
Delta R.T. 0.000 min
Lab File: BN033432.D
Acq: 16 Aug 2024 16:02

Tgt Ion:149 Resp: 3395
Ion Ratio Lower Upper
149 100
167 24.1 20.9 31.3
279 4.0 2.2 3.4#





#35

Perylene-d12

Concen: 20.000 ng

RT: 23.338 min Scan# 21

Delta R.T. 0.006 min

Lab File: BN033432.D

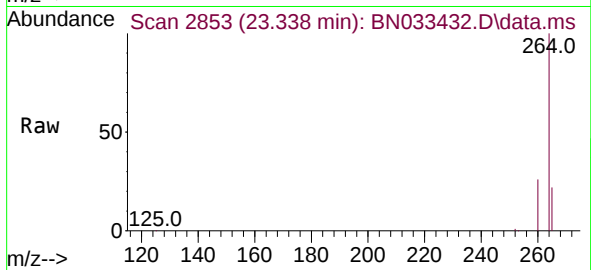
Acq: 16 Aug 2024 16:02

Instrument :

BNA_N

ClientSampleId :

927-K1-WPO-0-0.25-073124



Tgt Ion:264 Resp: 93515

Ion Ratio Lower Upper

264 100

260 25.9 21.6 32.4

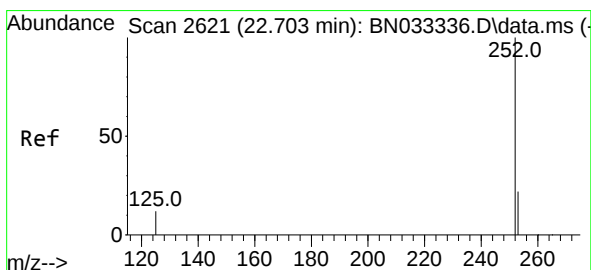
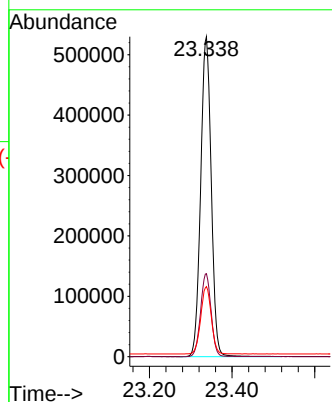
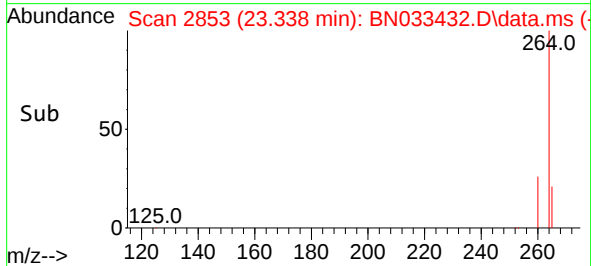
265 21.9 29.3 43.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/17/2024

Supervised By :mohammad ahmed 08/21/2024



#37

Benzo(b)fluoranthene

Concen: 0.020 ng

RT: 22.692 min Scan# 2632

Delta R.T. 0.006 min

Lab File: BN033432.D

Acq: 16 Aug 2024 16:02

Tgt Ion:252 Resp: 1432

Ion Ratio Lower Upper

252 100

253 78.2 18.2 27.2#

125 109.2 11.3 16.9#

