

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081724\
 Data File : BN033433.D
 Acq On : 16 Aug 2024 16:39
 Operator : MA/JU
 Sample : P3430-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 50

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

Quant Time: Aug 16 17:59:15 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

Manual Integrations
 APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.566	152	419520	20.000	ng	0.00
7) Naphthalene-d8	10.325	136	1163448	20.000	ng	#-0.01
13) Acenaphthene-d10	14.199	164	646644	20.000	ng	0.00
19) Phenanthrene-d10	16.954	188	1285041	20.000	ng	# 0.00
29) Chrysene-d12	21.157	240	1064756	20.000	ng	0.00
35) Perylene-d12	23.338	264	1130216	20.000	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.198	112	1758963	75.901	ng	0.00
5) Phenol-d6	6.750	99	1499284	47.897	ng	0.00
8) Nitrobenzene-d5	8.702	82	1990637	113.425	ng	0.00
11) 2-Methylnaphthalene-d10	0.000	152	0d	0.000	ng	
14) 2,4,6-Tribromophenol	15.700	330	1187325	178.940	ng	0.00
15) 2-Fluorobiphenyl	12.820	172	4142767	78.144	ng	0.00
27) Fluoranthene-d10	0.000	212	0d	0.000	ng	
31) Terphenyl-d14	19.611	244	3617624	89.921	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.197	88	1515	0.163	ng	# 45
18) Fluorene	15.258	166	3403	0.062	ng	# 35
28) Fluoranthene	19.021	202	2252	0.025	ng	# 98
30) Pyrene	19.384	202	1832	0.022	ng	# 90
34) Bis(2-ethylhexyl)phtha...	21.112	149	5063	0.140	ng	# 99
37) Benzo(b)fluoranthene	22.686	252	2142	0.025	ng	# 1

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

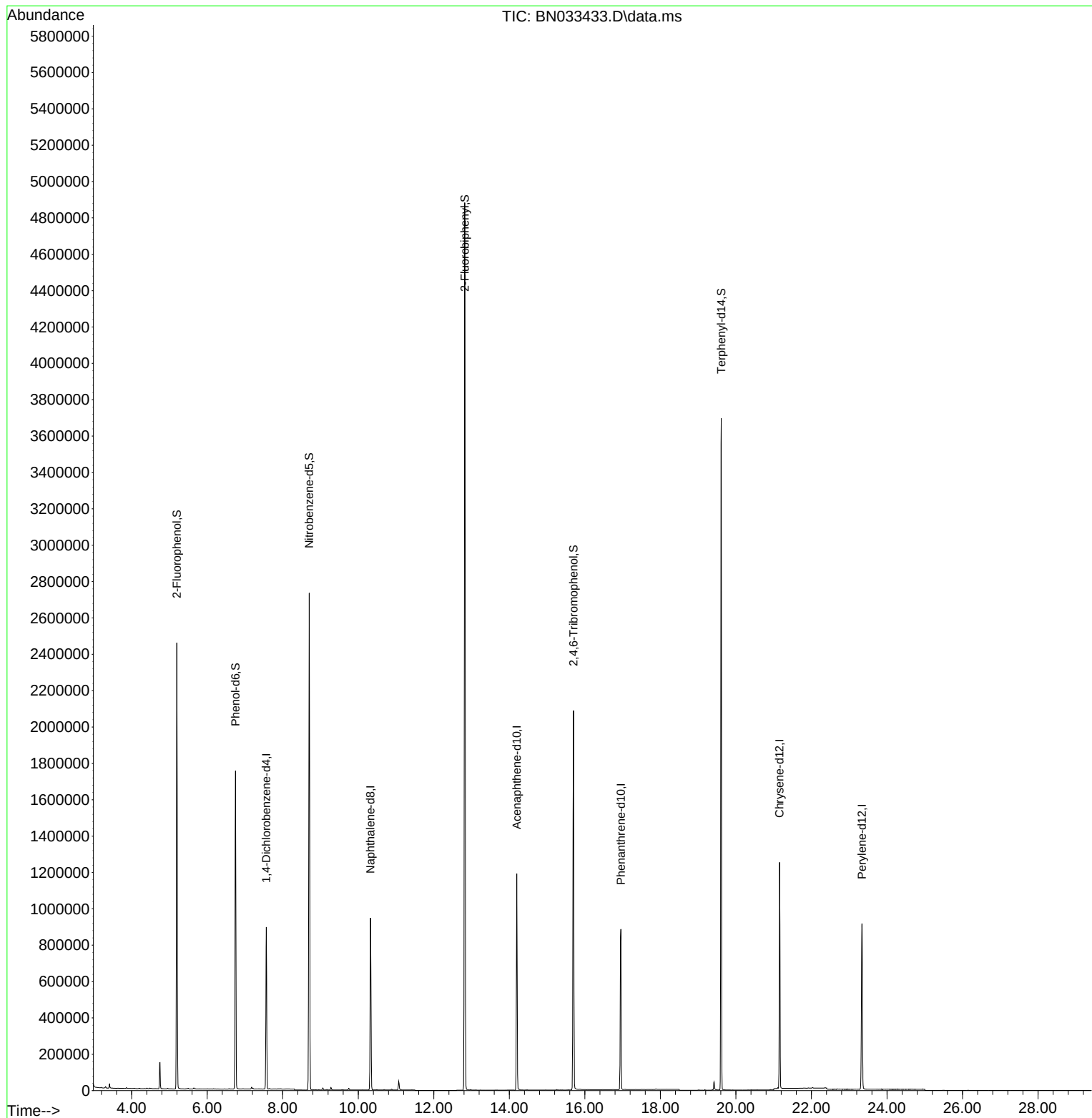
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081724\
Data File : BN033433.D
Acq On : 16 Aug 2024 16:39
Operator : MA/JU
Sample : P3430-02
Misc :
ALS Vial : 7 Sample Multiplier: 50

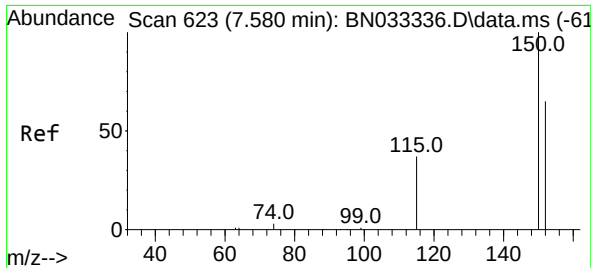
Instrument :
BNA_N
ClientSampleId :
927-K1-WPO-0-0.25-073124-FD

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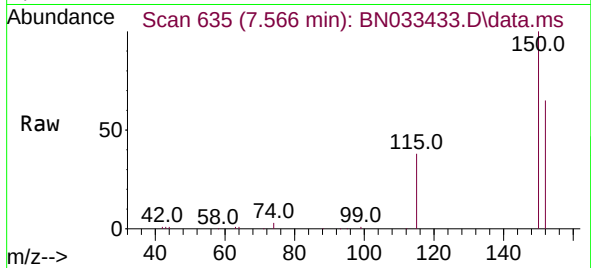
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 16 04:44:11 2024
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.566 min Scan# 61
 Delta R.T. -0.008 min
 Lab File: BN033433.D
 Acq: 16 Aug 2024 16:39

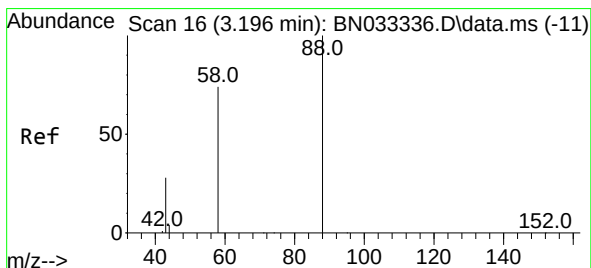
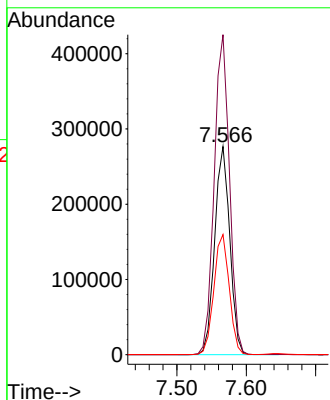
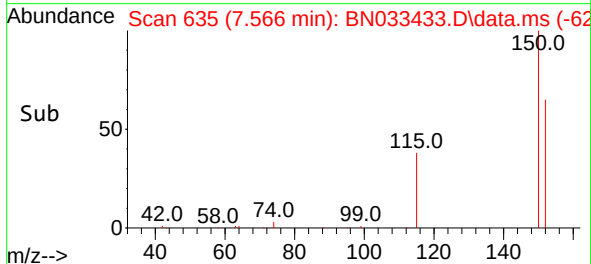
Instrument :
 BNA_N
 ClientSampleId :
 927-K1-WPO-0-0.25-073124-FD



Tgt Ion: 152 Resp: 419520
 Ion Ratio Lower Upper
 152 100
 150 153.8 122.3 183.5
 115 57.8 48.8 73.2

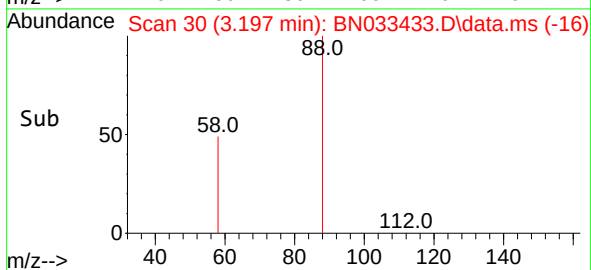
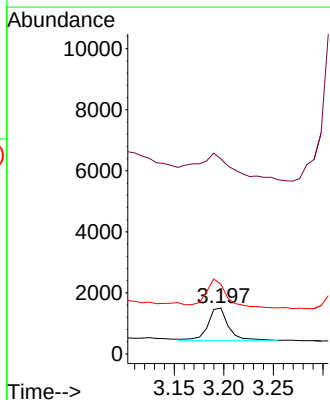
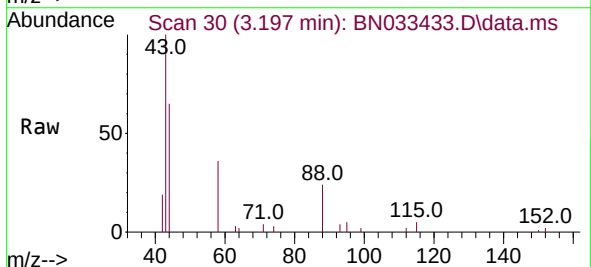
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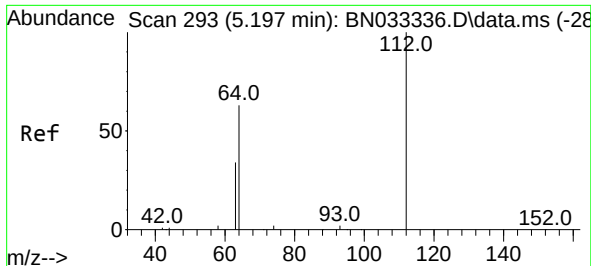
Reviewed By :Yogesh Patel 08/17/2024
 Supervised By :mohammad ahmed 08/21/2024



#2
 1,4-Dioxane
 Concen: 0.163 ng
 RT: 3.197 min Scan# 30
 Delta R.T. -0.000 min
 Lab File: BN033433.D
 Acq: 16 Aug 2024 16:39

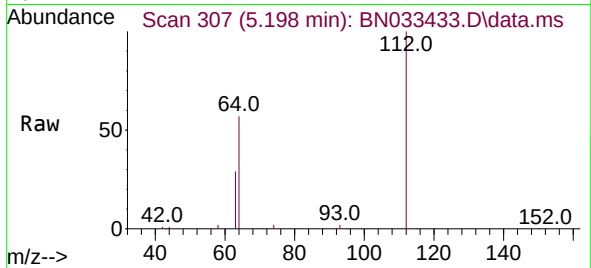
Tgt Ion: 88 Resp: 1515
 Ion Ratio Lower Upper
 88 100
 43 126.5 30.6 46.0#
 58 91.0 64.5 96.7





#4
2-Fluorophenol
Concen: 75.901 ng
RT: 5.198 min Scan# 307
Delta R.T. -0.000 min
Lab File: BN033433.D
Acq: 16 Aug 2024 16:39

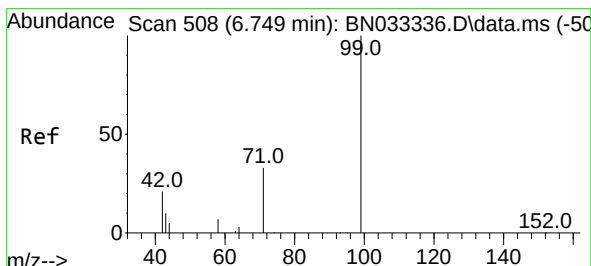
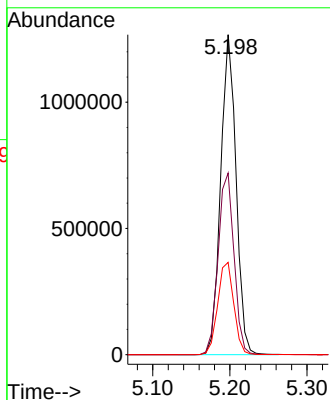
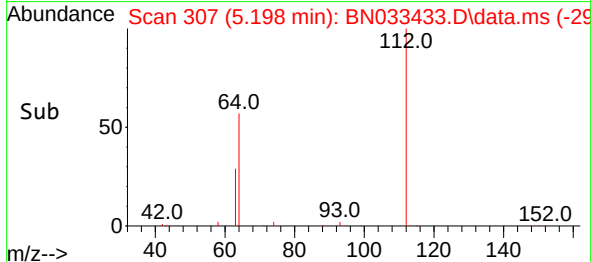
Instrument :
BNA_N
ClientSampleId :
927-K1-WPO-0-0.25-073124-FD



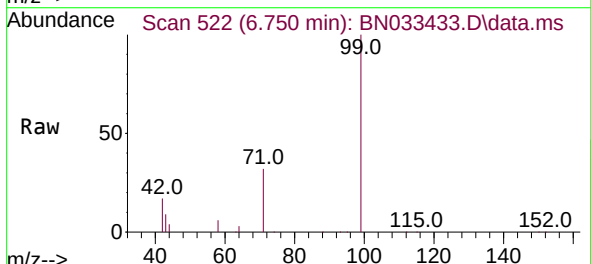
Tgt Ion:112 Resp: 175896
Ion Ratio Lower Upper
112 100
64 58.7 48.1 72.1
63 30.2 25.4 38.2

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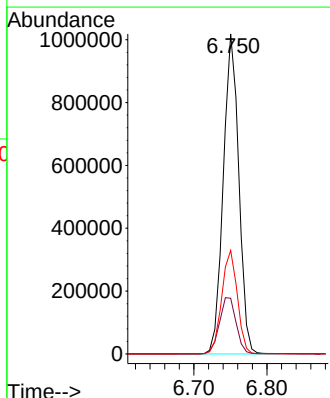
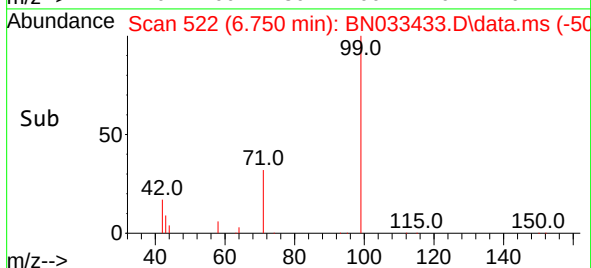
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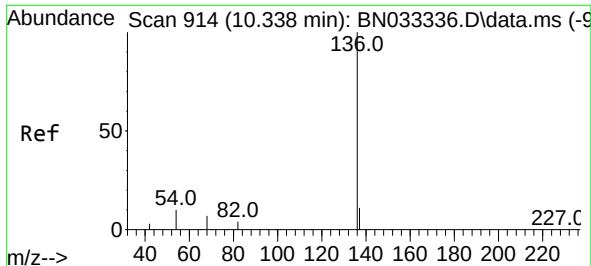


#5
Phenol-d6
Concen: 47.897 ng
RT: 6.750 min Scan# 522
Delta R.T. -0.000 min
Lab File: BN033433.D
Acq: 16 Aug 2024 16:39



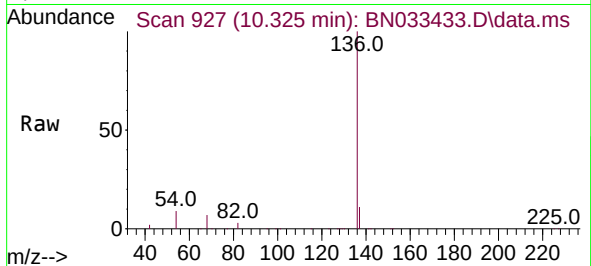
Tgt Ion: 99 Resp: 1499284
Ion Ratio Lower Upper
99 100
42 18.8 18.5 27.7
71 32.6 26.2 39.2





#7
Naphthalene-d8
Concen: 20.000 ng
RT: 10.325 min Scan# 914
Delta R.T. -0.011 min
Lab File: BN033433.D
Acq: 16 Aug 2024 16:39

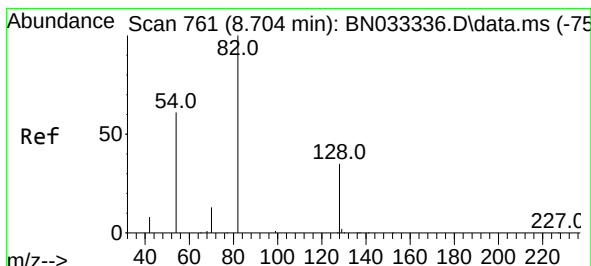
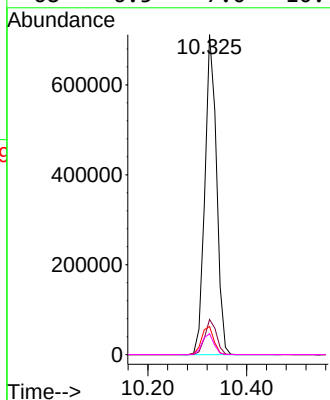
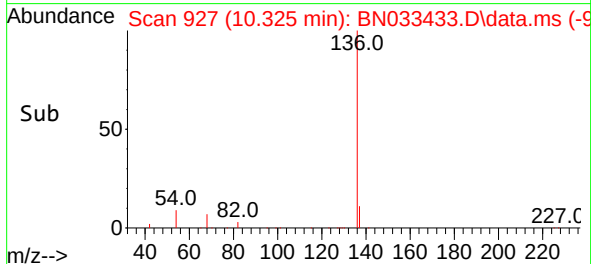
Instrument :
BNA_N
ClientSampleId :
927-K1-WPO-0-0.25-073124-FD



Tgt Ion:136 Resp: 1163448
Ion Ratio Lower Upper
136 100
137 11.0 9.1 13.7
54 8.8 9.4 14.0
68 6.5 7.0 10.4#

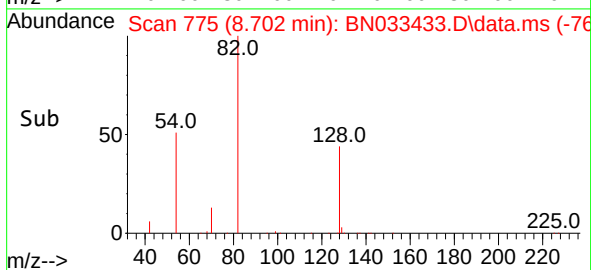
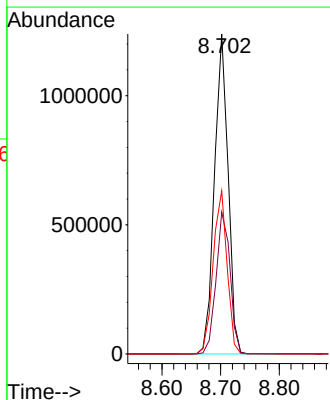
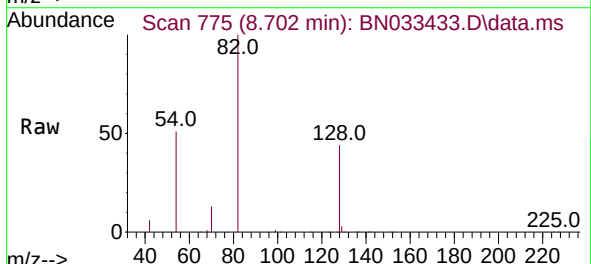
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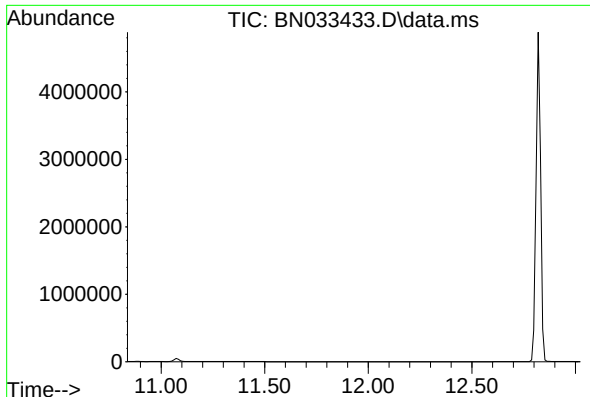
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Supervised By :mohammad ahmed 08/21/2024



#8
Nitrobenzene-d5
Concen: 113.425 ng
RT: 8.702 min Scan# 775
Delta R.T. -0.000 min
Lab File: BN033433.D
Acq: 16 Aug 2024 16:39

Tgt Ion: 82 Resp: 1990637
Ion Ratio Lower Upper
82 100
128 44.4 29.0 43.4#
54 51.0 50.2 75.4





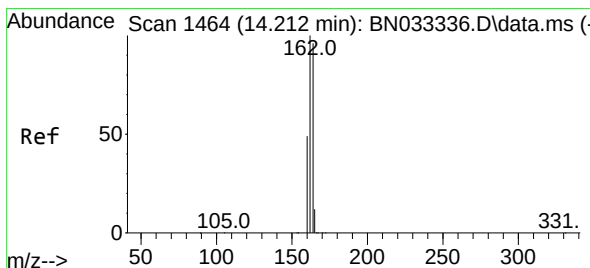
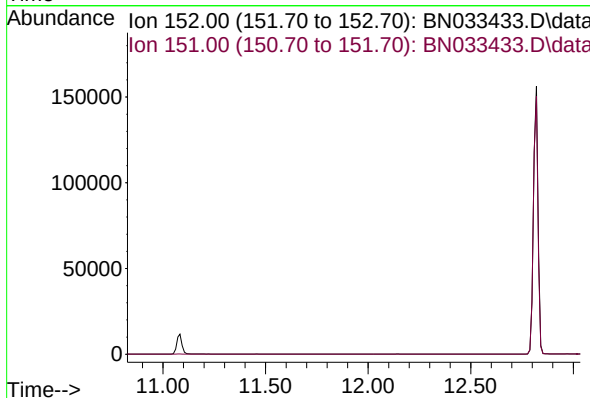
#11
 2-Methylnaphthalene-d10
 Concen: 0.000 ng
 Expected RT: 11.93 min
 Lab File: BN033433.D
 Acq: 16 Aug 2024 16:39

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

Tgt Ion: 152
 Sig Exp Ratio
 152 100
 151 20.9

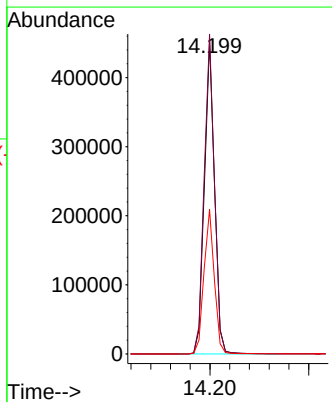
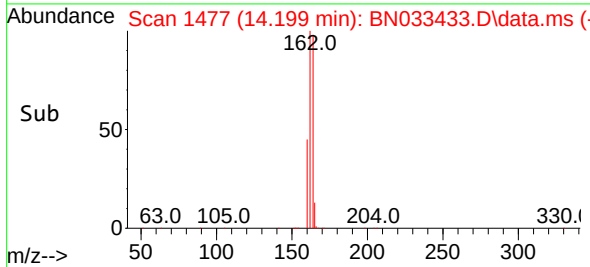
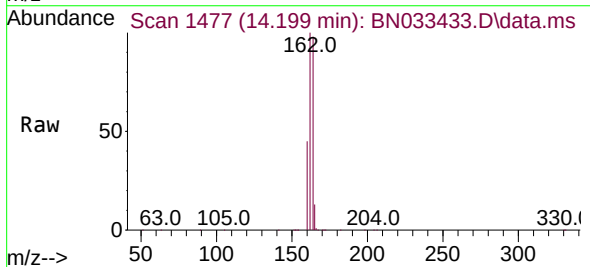
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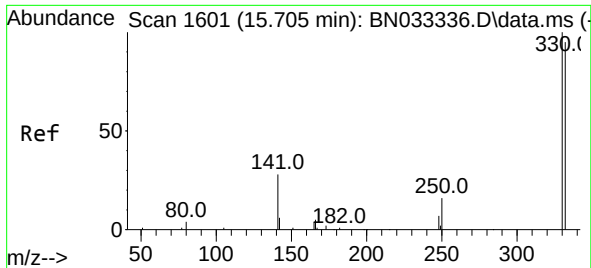
Reviewed By :Yogesh Patel 08/17/2024
 Supervised By :mohammad ahmed 08/21/2024



#13
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.199 min Scan# 1477
 Delta R.T. -0.000 min
 Lab File: BN033433.D
 Acq: 16 Aug 2024 16:39

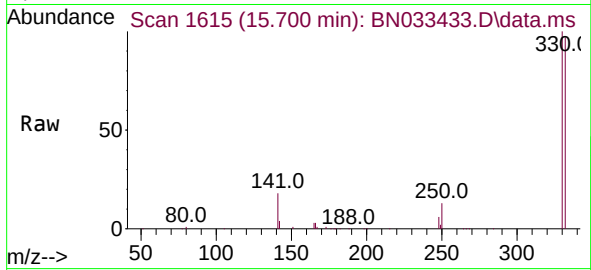
Tgt Ion:164 Resp: 646644
 Ion Ratio Lower Upper
 164 100
 162 102.3 83.1 124.7
 160 46.2 41.1 61.7





#14
2,4,6-Tribromophenol
Concen: 178.940 ng
RT: 15.700 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN033433.D
Acq: 16 Aug 2024 16:39

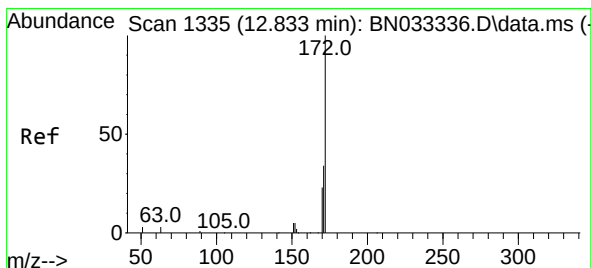
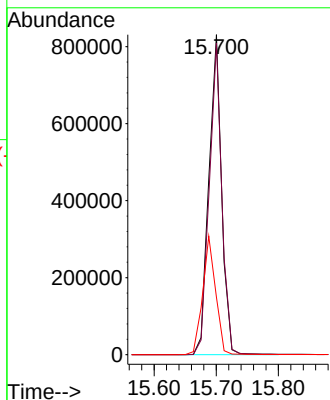
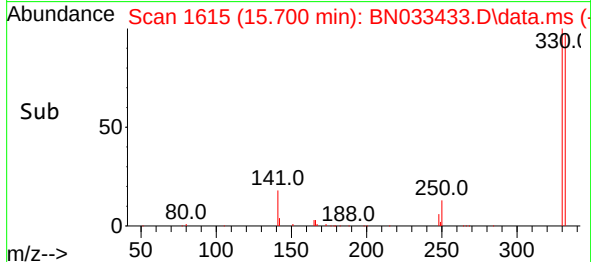
Instrument :
BNA_N
ClientSampleId :
927-K1-WPO-0-0.25-073124-FD



Tgt Ion:330 Resp: 1187329
Ion Ratio Lower Upper
330 100
332 96.2 77.1 115.7
141 37.8 33.4 50.0

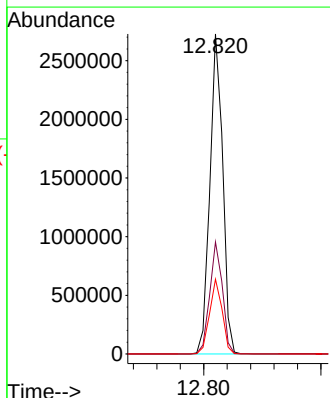
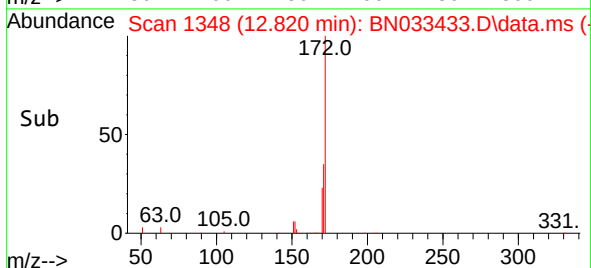
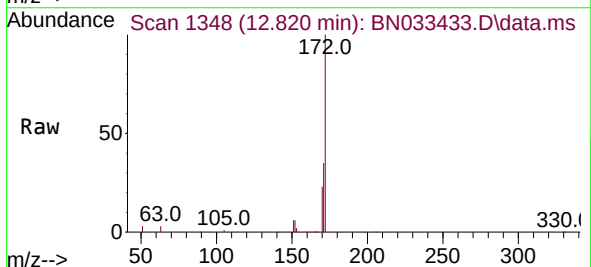
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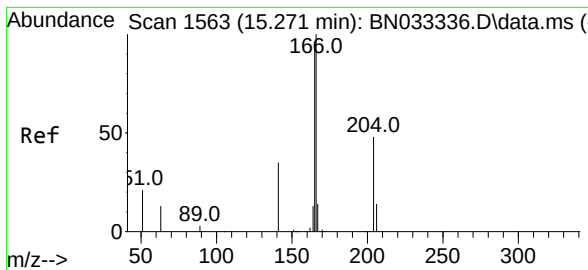
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Supervised By :mohammad ahmed 08/21/2024



#15
2-Fluorobiphenyl
Concen: 78.144 ng
RT: 12.820 min Scan# 1348
Delta R.T. -0.000 min
Lab File: BN033433.D
Acq: 16 Aug 2024 16:39

Tgt Ion:172 Resp: 4142767
Ion Ratio Lower Upper
172 100
171 35.0 27.8 41.8
170 23.3 18.7 28.1





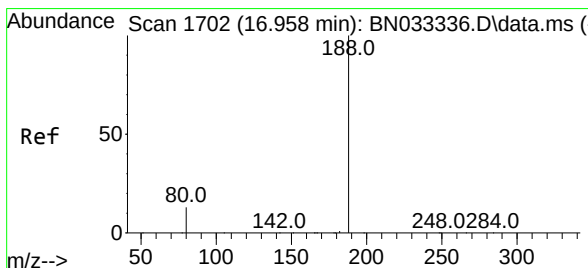
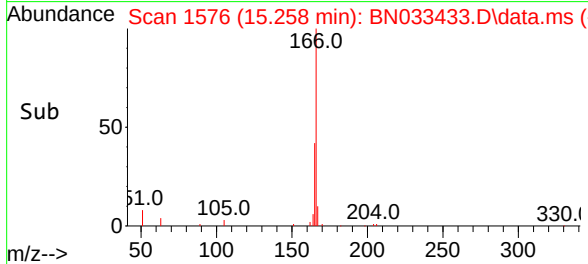
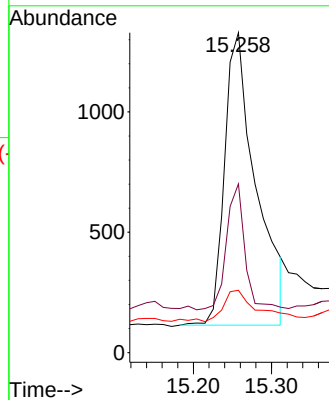
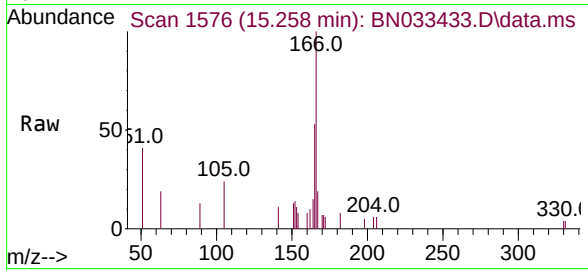
#18
Fluorene
Concen: 0.062 ng
RT: 15.258 min Scan# 1576
Delta R.T. -0.000 min
Lab File: BN033433.D
Acq: 16 Aug 2024 16:39

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

Tgt Ion:166 Resp: 340
Ion Ratio Lower Upper
166 100
165 25.0 78.0 117.0
167 10.8 10.7 16.1

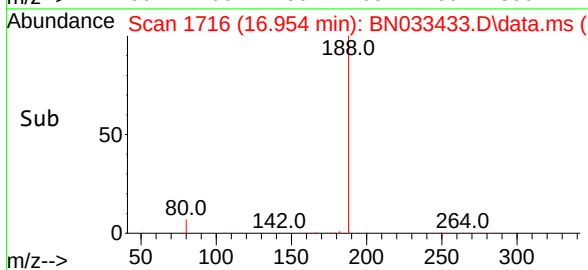
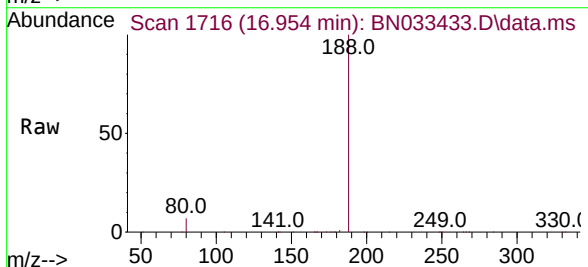
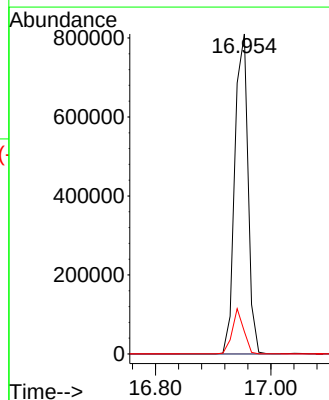
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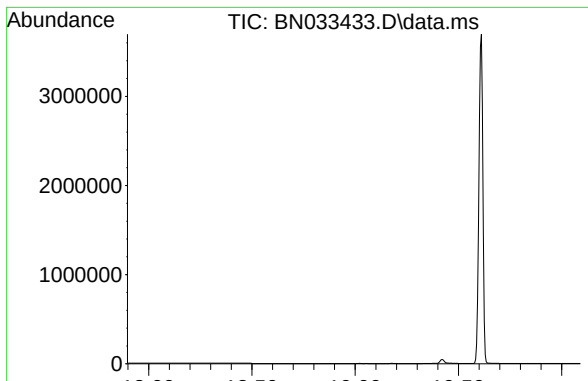
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Supervised By :mohammad ahmed 08/21/2024



#19
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.954 min Scan# 1716
Delta R.T. -0.000 min
Lab File: BN033433.D
Acq: 16 Aug 2024 16:39

Tgt Ion:188 Resp: 1285041
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.0 10.7 16.1





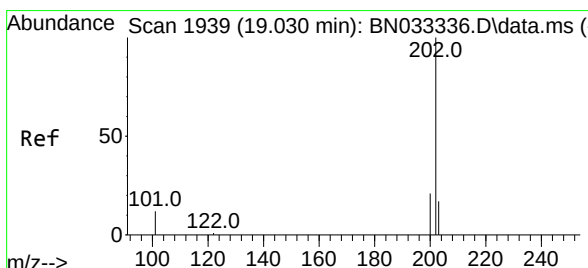
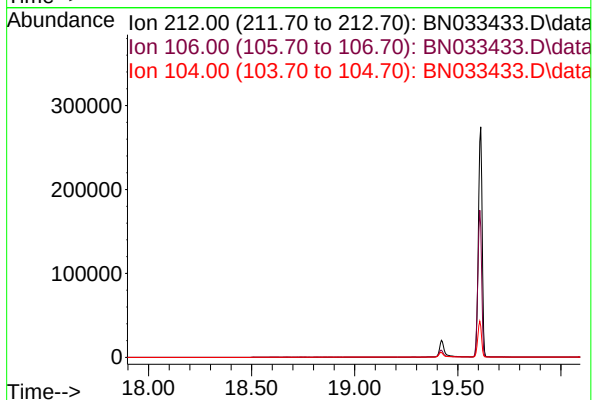
#27
 Fluoranthene-d10
 Concen: 0.000 ng
 Expected RT: 18.99 min
 Lab File: BN033433.D
 Acq: 16 Aug 2024 16:39

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

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

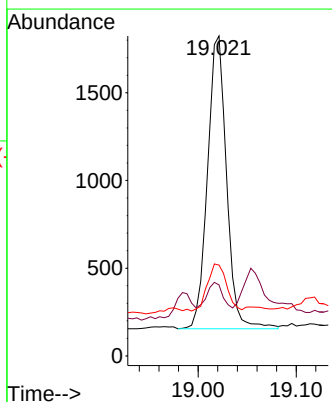
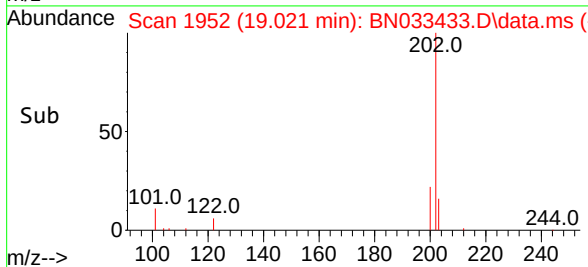
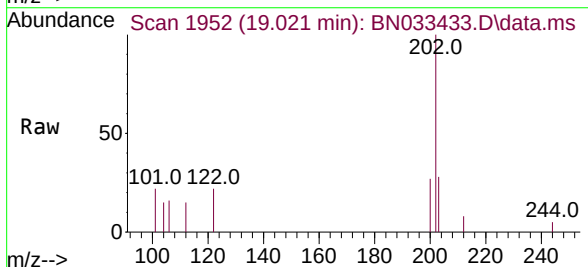
Manual Integrations
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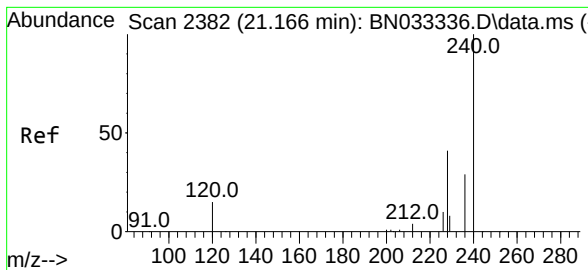
Reviewed By :Yogesh Patel 08/17/2024
 Supervised By :mohammad ahmed 08/21/2024



#28
 Fluoranthene
 Concen: 0.025 ng
 RT: 19.021 min Scan# 1952
 Delta R.T. -0.000 min
 Lab File: BN033433.D
 Acq: 16 Aug 2024 16:39

Tgt Ion:202 Resp: 2252
 Ion Ratio Lower Upper
 202 100
 101 11.0 9.8 14.6
 203 16.4 13.8 20.6





#29

Chrysene-d12

Concen: 20.000 ng

RT: 21.157 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN033433.D

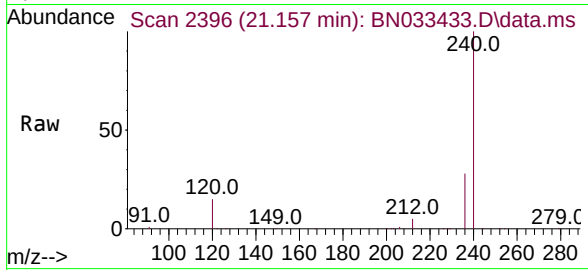
Acq: 16 Aug 2024 16:39

Instrument :

BNA_N

ClientSampleId :

927-K1-WPO-0-0.25-073124-FD



Tgt Ion:240 Resp: 1064750

Ion Ratio Lower Upper

240 100

120 15.0 13.0 19.6

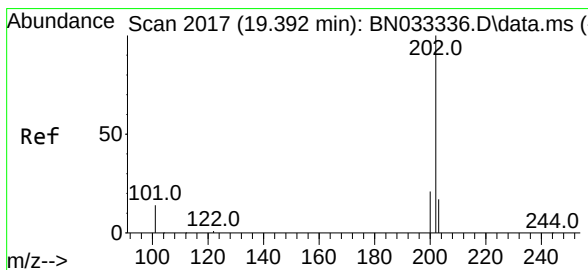
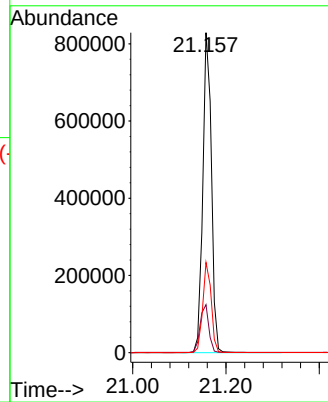
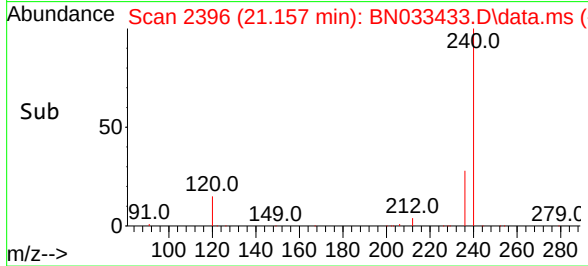
236 28.2 23.2 34.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/17/2024

Supervised By :mohammad ahmed 08/21/2024



#30

Pyrene

Concen: 0.022 ng

RT: 19.384 min Scan# 2030

Delta R.T. -0.000 min

Lab File: BN033433.D

Acq: 16 Aug 2024 16:39

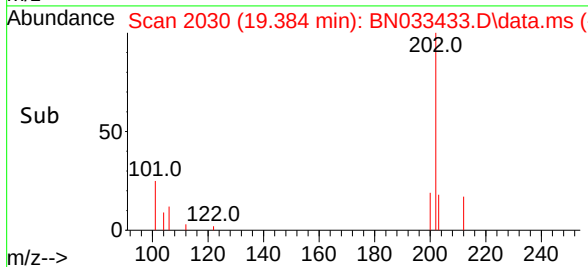
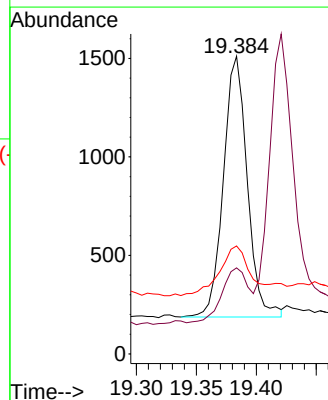
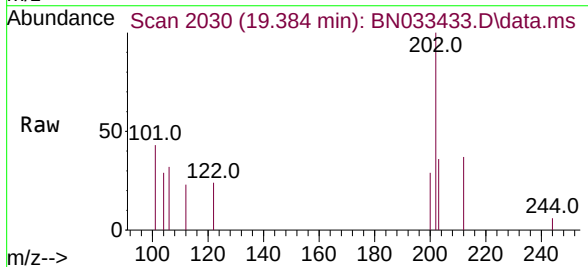
Tgt Ion:202 Resp: 1832

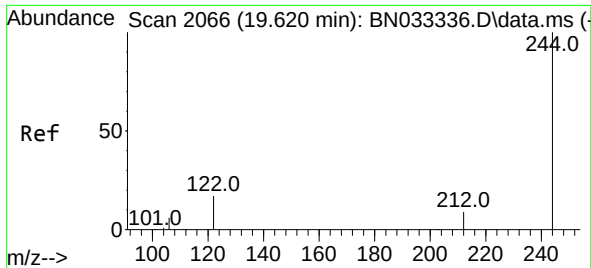
Ion Ratio Lower Upper

202 100

200 23.9 16.7 25.1

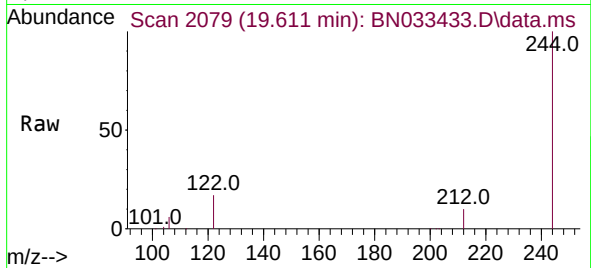
203 24.0 14.2 21.4#





#31
Terphenyl-d14
Concen: 89.921 ng
RT: 19.611 min Scan# 2066
Delta R.T. 0.004 min
Lab File: BN033433.D
Acq: 16 Aug 2024 16:39

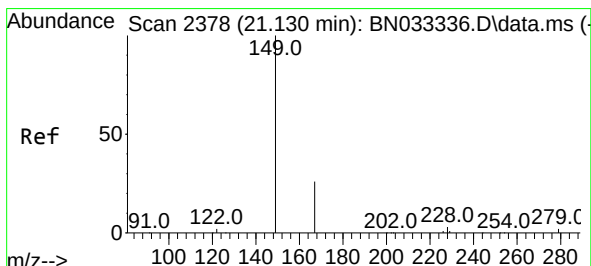
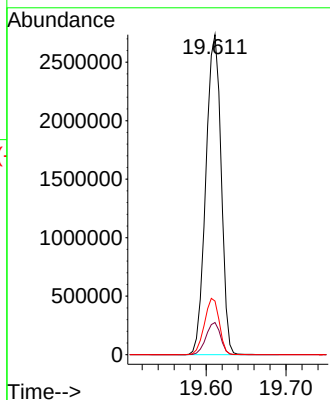
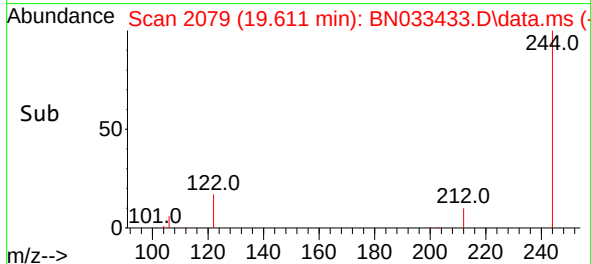
Instrument :
BNA_N
ClientSampleId :
927-K1-WPO-0-0.25-073124-FD



Tgt Ion:244 Resp: 3617624
Ion Ratio Lower Upper
244 100
212 10.0 7.7 11.5
122 16.7 14.0 21.0

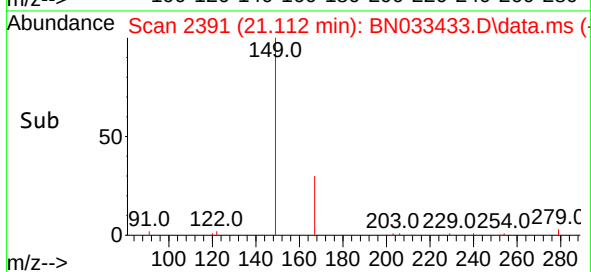
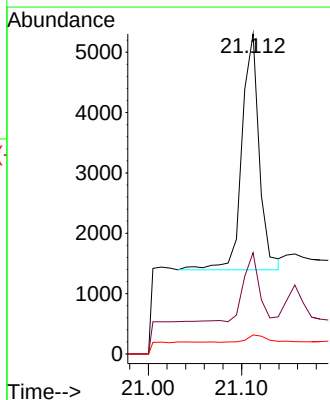
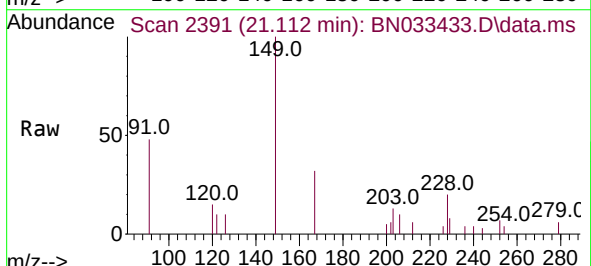
Manual Integrations
APPROVED

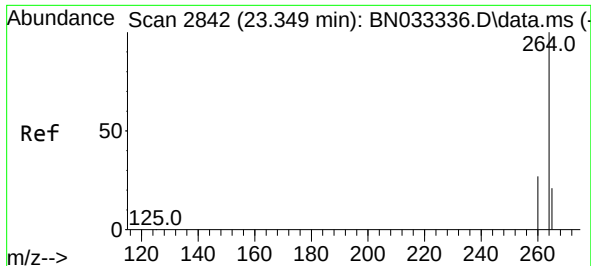
Reviewed By :Yogesh Patel 08/17/2024
Supervised By :mohammad ahmed 08/21/2024



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.140 ng
RT: 21.112 min Scan# 2391
Delta R.T. -0.000 min
Lab File: BN033433.D
Acq: 16 Aug 2024 16:39

Tgt Ion:149 Resp: 5063
Ion Ratio Lower Upper
149 100
167 26.2 20.9 31.3
279 3.7 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: BN033433.D

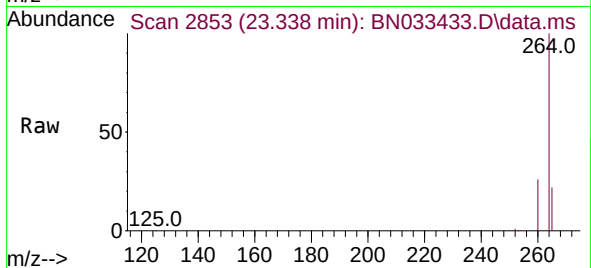
Acq: 16 Aug 2024 16:39

Instrument :

BNA_N

ClientSampleId :

927-K1-WPO-0-0.25-073124-FD



Tgt Ion:264 Resp: 1130210

Ion Ratio Lower Upper

264 100

260 26.3 21.6 32.4

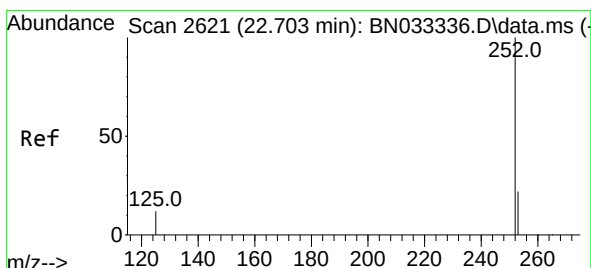
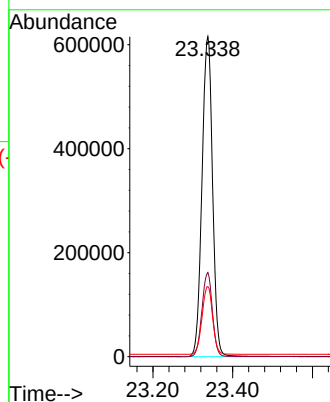
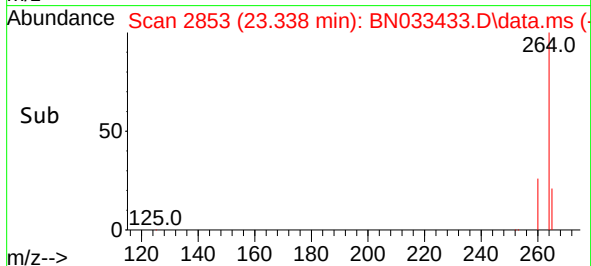
265 21.9 29.3 43.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/17/2024

Supervised By :mohammad ahmed 08/21/2024



#37

Benzo(b)fluoranthene

Concen: 0.025 ng

RT: 22.686 min Scan# 2630

Delta R.T. -0.000 min

Lab File: BN033433.D

Acq: 16 Aug 2024 16:39

Tgt Ion:252 Resp: 2142

Ion Ratio Lower Upper

252 100

253 64.2 18.2 27.2#

125 91.6 11.3 16.9#

