

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122324\
 Data File : BN035833.D
 Acq On : 24 Dec 2024 23:18
 Operator : RC/JU
 Sample : P5376-16
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW11-MW01S-20241219

Quant Time: Dec 25 02:35:03 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 19 23:06:19 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/26/2024
 Supervised By :mohammad ahmed 12/26/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.257	152	3277	0.400	ng	-0.01
7) Naphthalene-d8	10.009	136	7724	0.400	ng	#-0.01
13) Acenaphthene-d10	13.914	164	4815	0.400	ng	-0.02
19) Phenanthrene-d10	16.698	188	10024	0.400	ng	# 0.00
29) Chrysene-d12	20.947	240	8069	0.400	ng	0.00
35) Perylene-d12	23.026	264	7784	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	4.924	112	965	0.118	ng	-0.01
5) Phenol-d6	6.477	99	504	0.051	ng	-0.01
8) Nitrobenzene-d5	8.408	82	1978m	0.419	ng	0.00
11) 2-Methylnaphthalene-d10	11.605	152	4512	0.373	ng	-0.02
14) 2,4,6-Tribromophenol	15.443	330	723	0.212	ng	-0.01
15) 2-Fluorobiphenyl	12.528	172	7112	0.391	ng	-0.02
27) Fluoranthene-d10	18.747	212	11675	0.411	ng	-0.01
31) Terphenyl-d14	19.375	244	8422	0.529	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.982	88	506	0.162	ng	# 77
25) Phenanthrene	16.736	178	582	0.021	ng	# 92
34) Bis(2-ethylhexyl)phtha...	20.893	149	981	0.088	ng	# 98

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

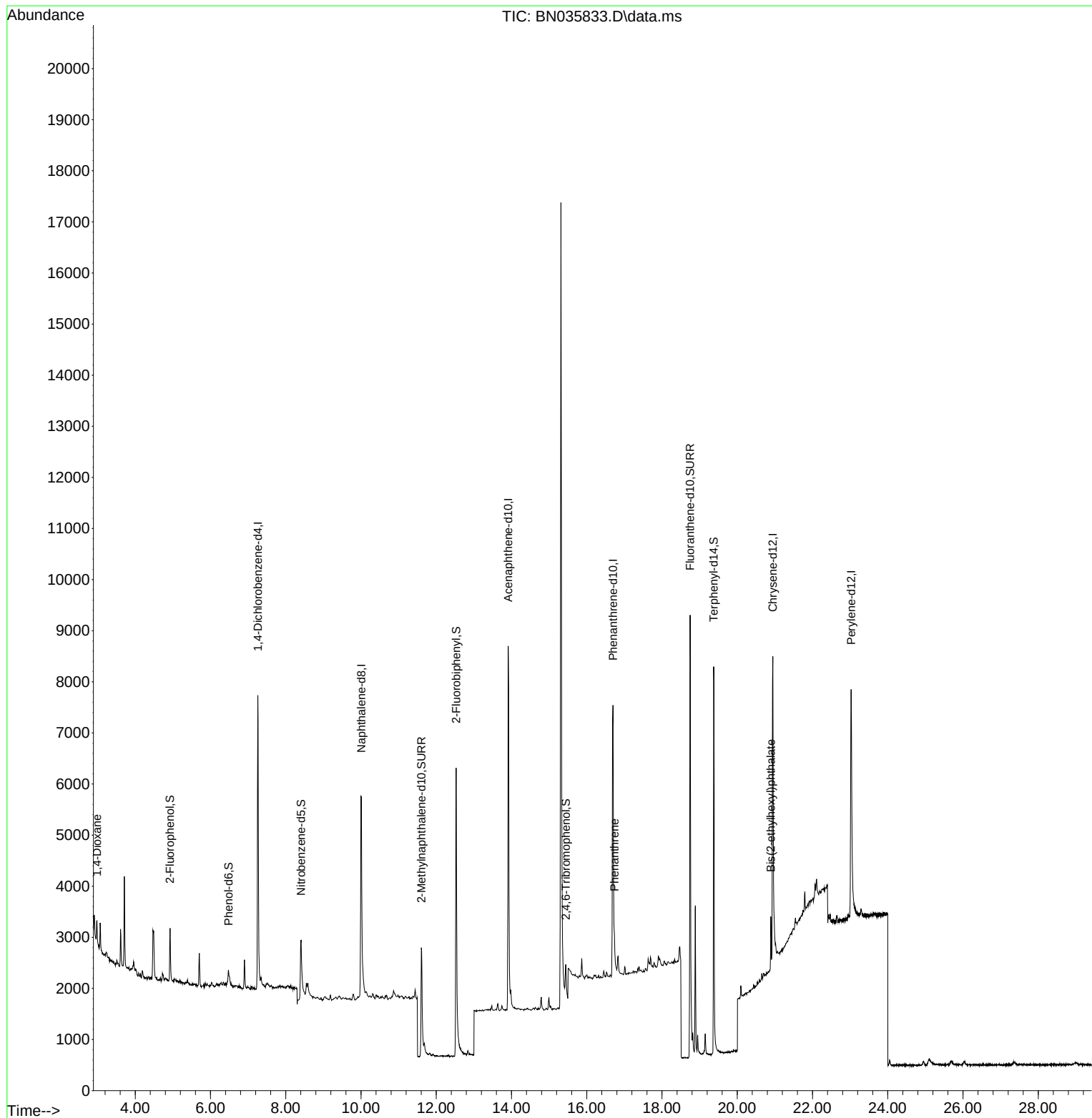
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122324\
Data File : BN035833.D
Acq On : 24 Dec 2024 23:18
Operator : RC/JU
Sample : P5376-16
Misc :
ALS Vial : 25 Sample Multiplier: 1

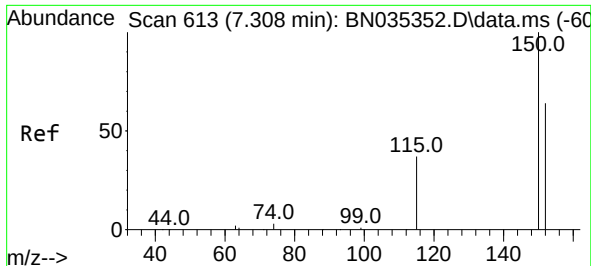
Instrument :
BNA_N
ClientSampleId :
RW11-MW01S-20241219

Quant Time: Dec 25 02:35:03 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 19 23:06:19 2024
Response via : Initial Calibration

Manual Integrations
APPROVED

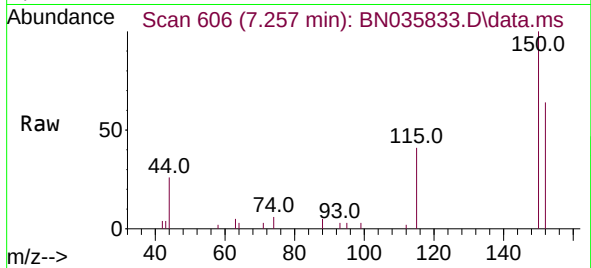
Reviewed By :Yogesh Patel 12/26/2024
Supervised By :mohammad ahmed 12/26/2024





#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.257 min Scan# 606
 Delta R.T. -0.015 min
 Lab File: BN035833.D
 Acq: 24 Dec 2024 23:18

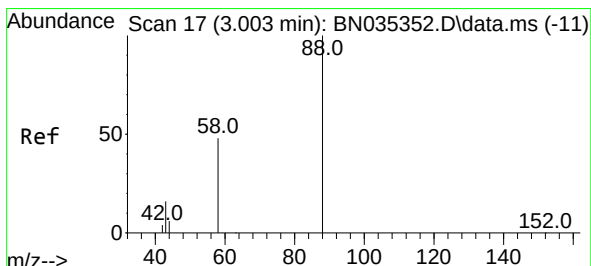
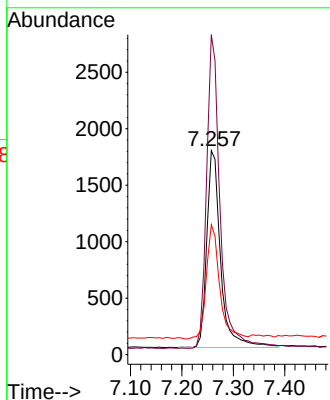
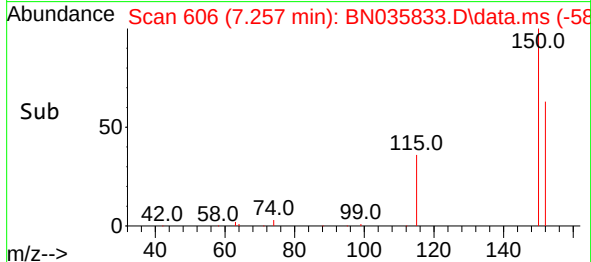
Instrument : BNA_N
 ClientSampleId : RW11-MW01S-20241219



Tgt Ion: 152 Resp: 327
 Ion Ratio Lower Upper
 152 100
 150 156.9 124.0 186.0
 115 63.7 49.6 74.4

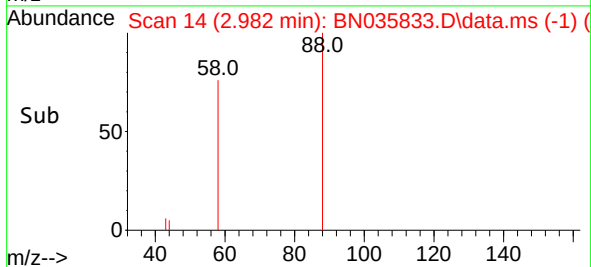
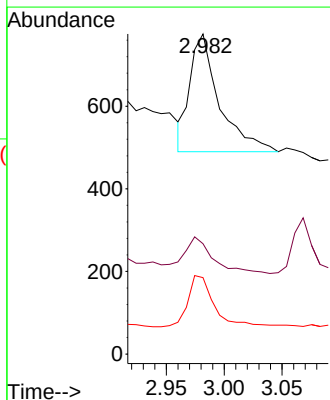
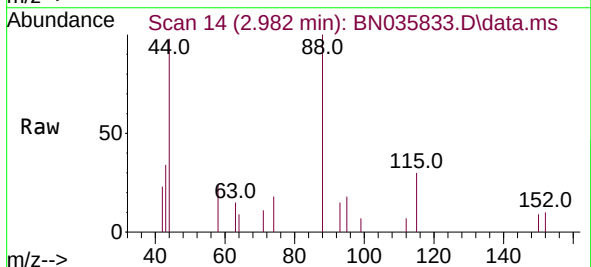
Manual Integrations
 APPROVED

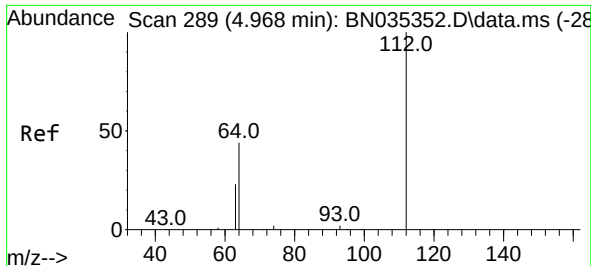
Reviewed By :Yogesh Patel 12/26/2024
 Supervised By :mohammad ahmed 12/26/2024



#2
 1,4-Dioxane
 Concen: 0.162 ng
 RT: 2.982 min Scan# 14
 Delta R.T. -0.000 min
 Lab File: BN035833.D
 Acq: 24 Dec 2024 23:18

Tgt Ion: 88 Resp: 506
 Ion Ratio Lower Upper
 88 100
 43 32.0 17.2 25.8#
 58 38.5 44.5 66.7#





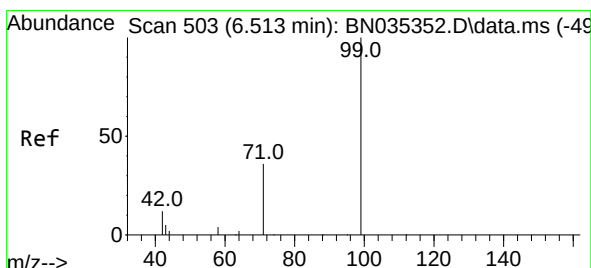
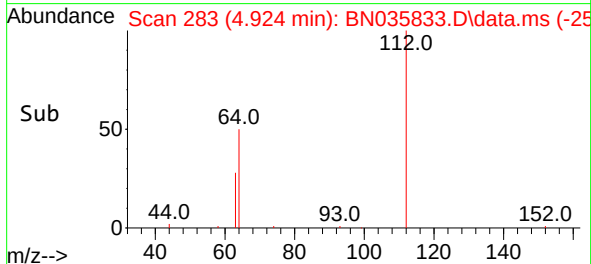
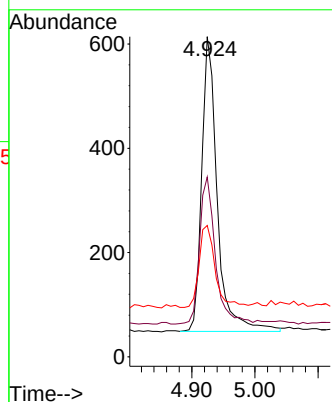
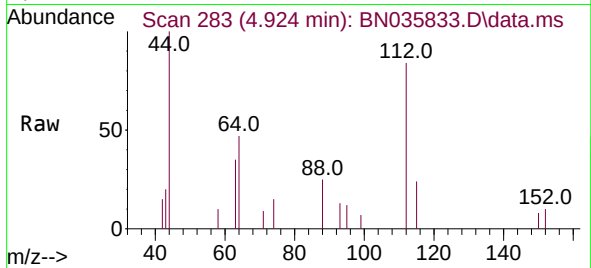
#4
2-Fluorophenol
Concen: 0.118 ng
RT: 4.924 min Scan# 21
Delta R.T. -0.015 min
Lab File: BN035833.D
Acq: 24 Dec 2024 23:18

Instrument :
BNA_N
ClientSampleId :
RW11-MW01S-20241219

Tgt Ion:112 Resp: 96
Ion Ratio Lower Upper
112 100
64 50.8 39.8 59.8
63 28.6 21.0 31.6

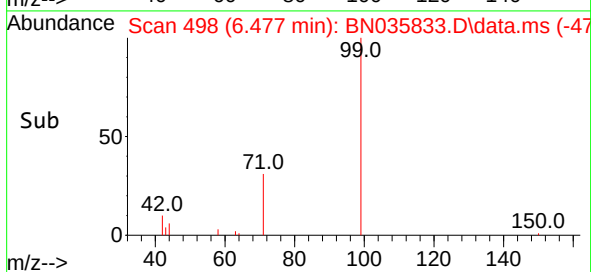
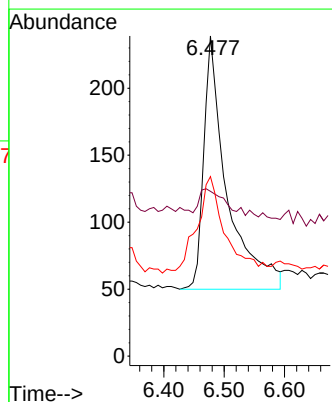
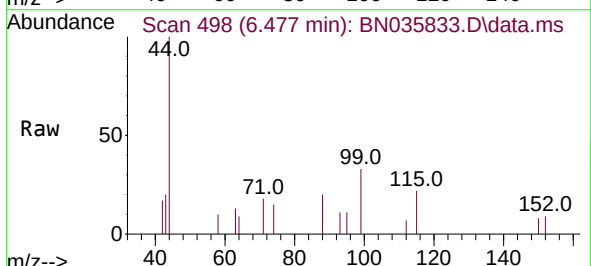
Manual Integrations
APPROVED

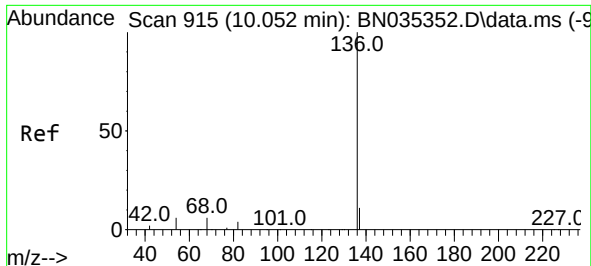
Reviewed By :Yogesh Patel 12/26/2024
Supervised By :mohammad ahmed 12/26/2024



#5
Phenol-d6
Concen: 0.051 ng
RT: 6.477 min Scan# 498
Delta R.T. -0.015 min
Lab File: BN035833.D
Acq: 24 Dec 2024 23:18

Tgt Ion: 99 Resp: 504
Ion Ratio Lower Upper
99 100
42 12.7 11.4 17.2
71 47.0 29.3 43.9





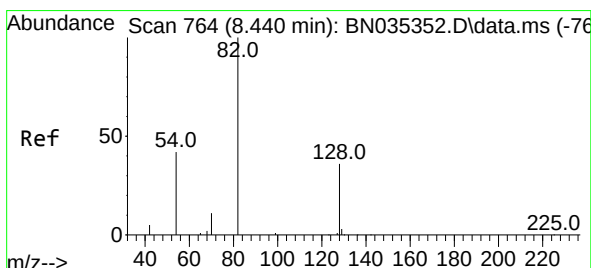
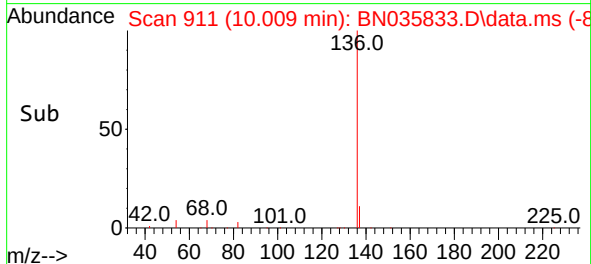
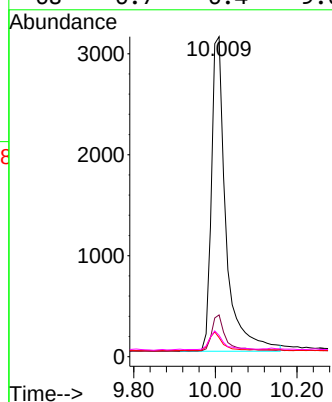
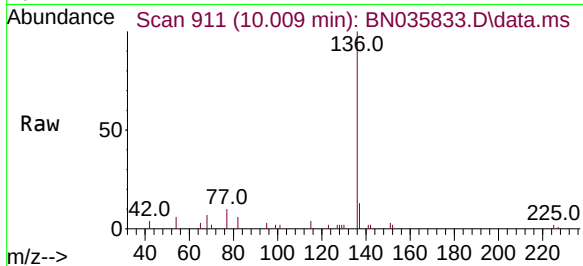
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.009 min Scan# 915
Delta R.T. -0.011 min
Lab File: BN035833.D
Acq: 24 Dec 2024 23:18

Instrument :
BNA_N
ClientSampleId :
RW11-MW01S-20241219

Tgt Ion:	136	Resp:	7724
Ion	Ratio	Lower	Upper
136	100		
137	13.0	10.2	15.2
54	6.0	6.1	9.1
68	6.7	6.4	9.6

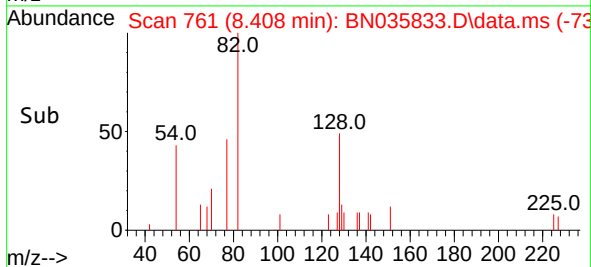
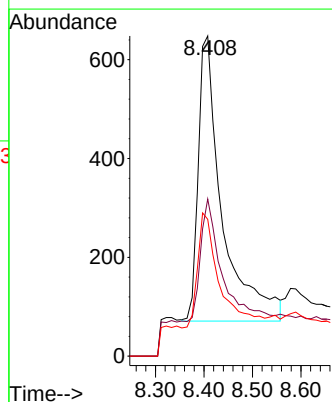
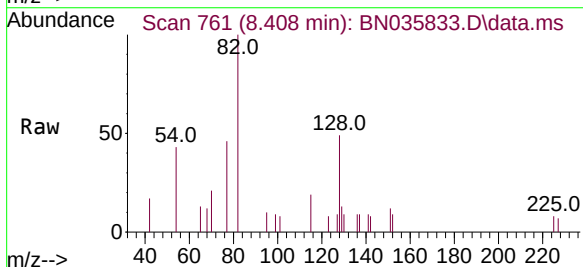
Manual Integrations
APPROVED

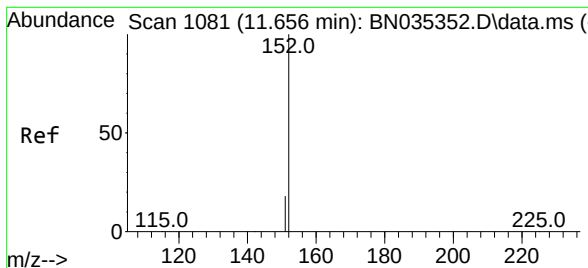
Reviewed By :Yogesh Patel 12/26/2024
Supervised By :mohammad ahmed 12/26/2024



#8
Nitrobenzene-d5
Concen: 0.419 ng m
RT: 8.408 min Scan# 761
Delta R.T. -0.000 min
Lab File: BN035833.D
Acq: 24 Dec 2024 23:18

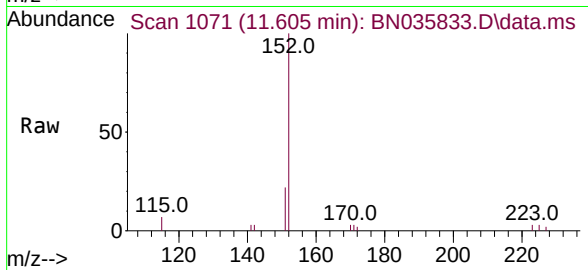
Tgt Ion:	82	Resp:	1978
Ion	Ratio	Lower	Upper
82	100		
128	49.1	33.4	50.0
54	42.7	36.7	55.1





#11
2-Methylnaphthalene-d10
Concen: 0.373 ng
RT: 11.605 min Scan# 1081
Delta R.T. -0.015 min
Lab File: BN035833.D
Acq: 24 Dec 2024 23:18

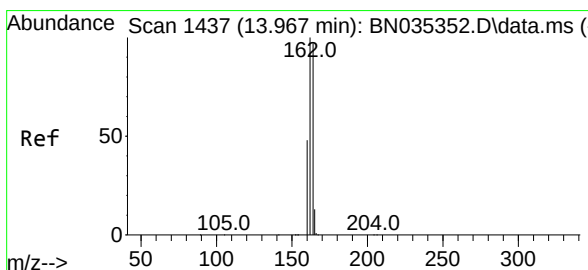
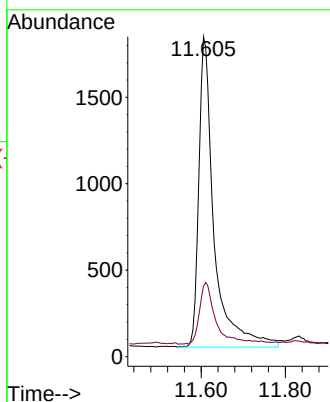
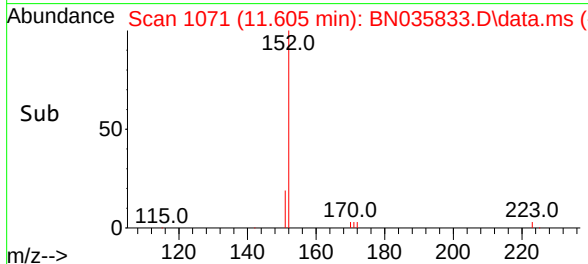
Instrument :
BNA_N
ClientSampleId :
RW11-MW01S-20241219



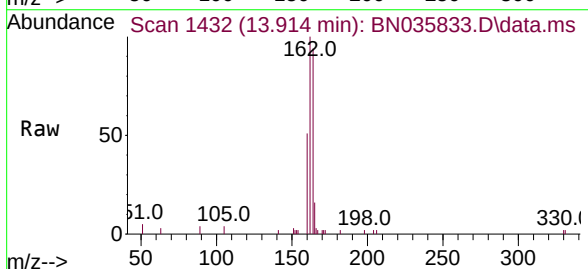
Tgt Ion:152 Resp: 4512
Ion Ratio Lower Upper
152 100
151 21.5 16.6 25.0

Manual Integrations
APPROVED

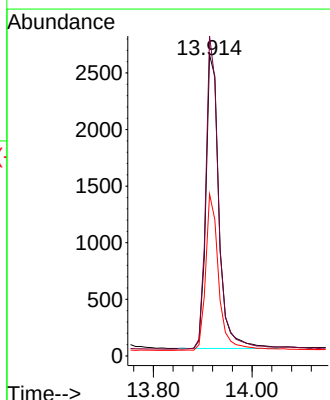
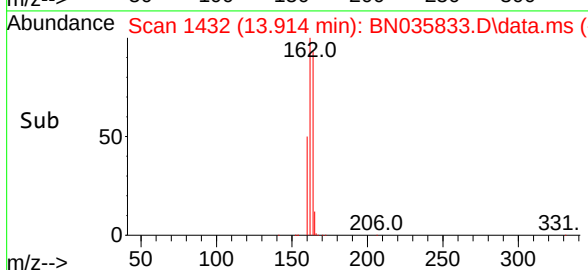
Reviewed By :Yogesh Patel 12/26/2024
Supervised By :mohammad ahmed 12/26/2024

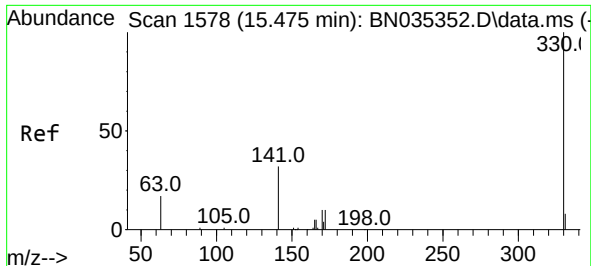


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 13.914 min Scan# 1432
Delta R.T. -0.021 min
Lab File: BN035833.D
Acq: 24 Dec 2024 23:18



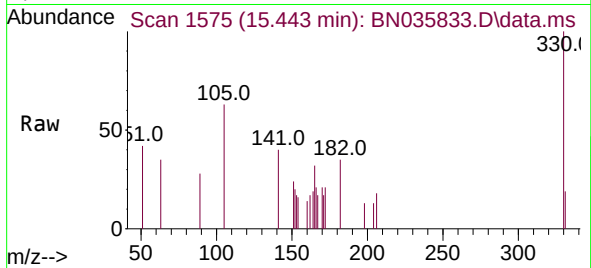
Tgt Ion:164 Resp: 4815
Ion Ratio Lower Upper
164 100
162 106.3 82.2 123.2
160 53.8 40.1 60.1





#14
2,4,6-Tribromophenol
Concen: 0.212 ng
RT: 15.443 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN035833.D
Acq: 24 Dec 2024 23:18

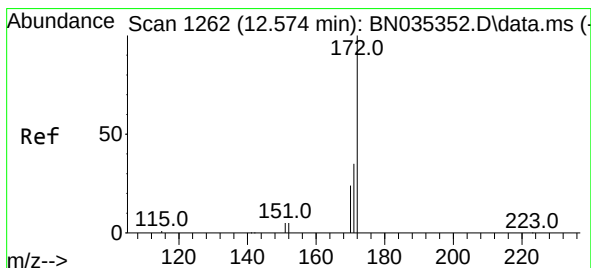
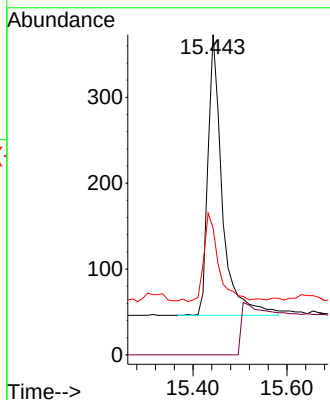
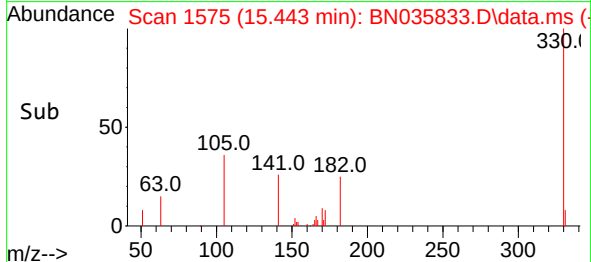
Instrument :
BNA_N
ClientSampleId :
RW11-MW01S-20241219



Tgt Ion:330 Resp: 720
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 31.5 26.6 40.0

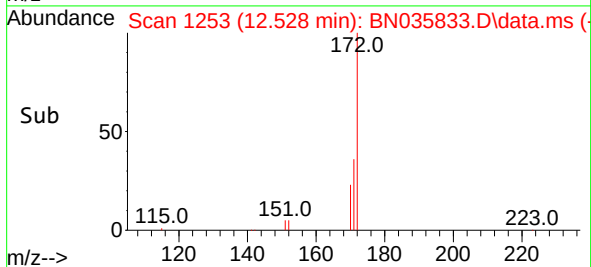
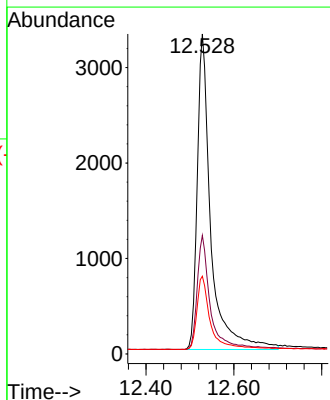
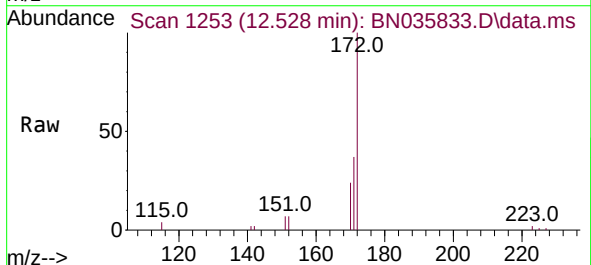
Manual Integrations
APPROVED

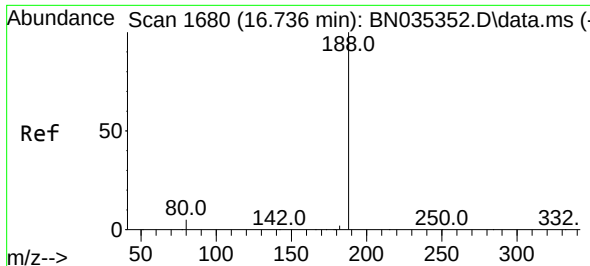
Reviewed By :Yogesh Patel 12/26/2024
Supervised By :mohammad ahmed 12/26/2024



#15
2-Fluorobiphenyl
Concen: 0.391 ng
RT: 12.528 min Scan# 1253
Delta R.T. -0.015 min
Lab File: BN035833.D
Acq: 24 Dec 2024 23:18

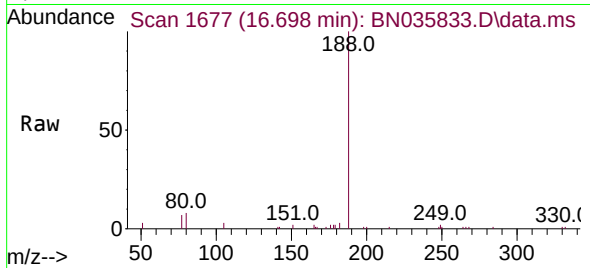
Tgt Ion:172 Resp: 7112
Ion Ratio Lower Upper
172 100
171 37.1 29.0 43.4
170 24.3 19.8 29.8





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.698 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN035833.D
Acq: 24 Dec 2024 23:18

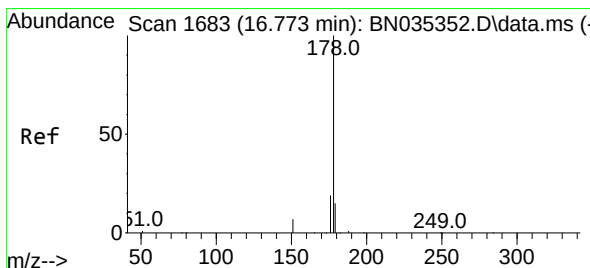
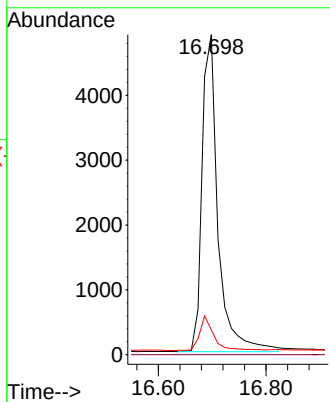
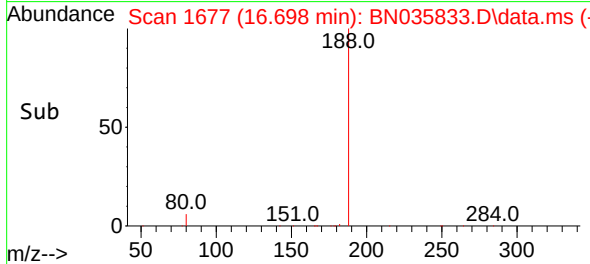
Instrument :
BNA_N
ClientSampleId :
RW11-MW01S-20241219



Tgt Ion:188 Resp: 10024
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.8 4.6 6.8

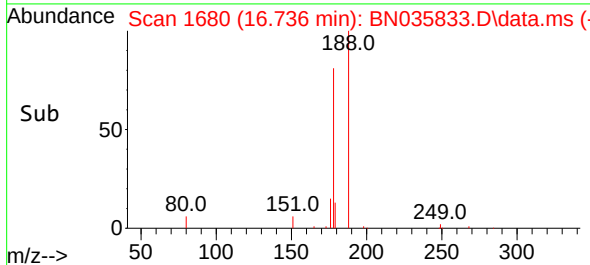
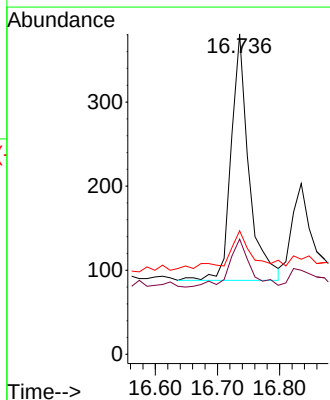
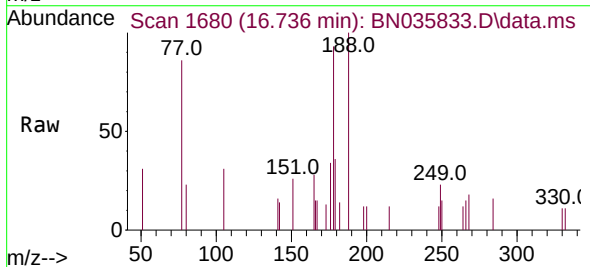
Manual Integrations
APPROVED

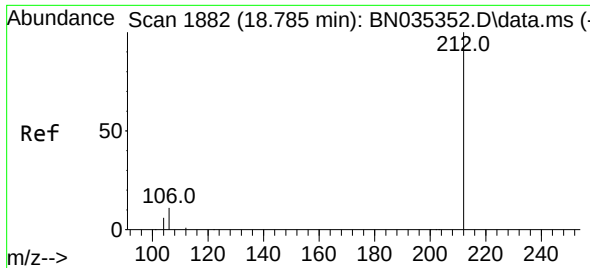
Reviewed By :Yogesh Patel 12/26/2024
Supervised By :mohammad ahmed 12/26/2024



#25
Phenanthrene
Concen: 0.021 ng
RT: 16.736 min Scan# 1680
Delta R.T. -0.013 min
Lab File: BN035833.D
Acq: 24 Dec 2024 23:18

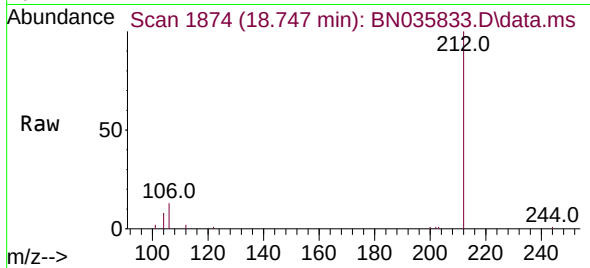
Tgt Ion:178 Resp: 582
Ion Ratio Lower Upper
178 100
176 23.0 15.4 23.2
179 18.7 12.3 18.5





#27
Fluoranthene-d10
Concen: 0.411 ng
RT: 18.747 min Scan# 1167
Delta R.T. -0.014 min
Lab File: BN035833.D
Acq: 24 Dec 2024 23:18

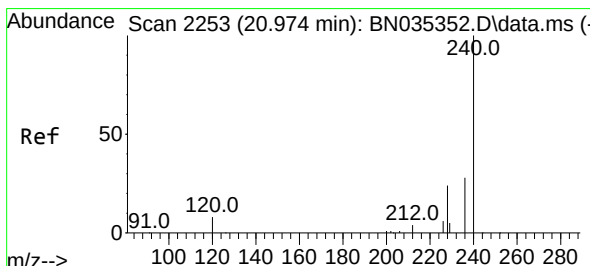
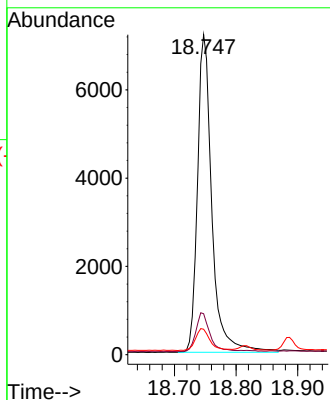
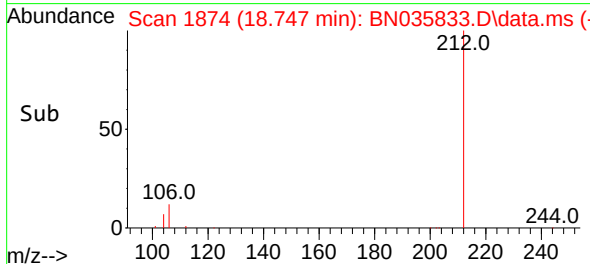
Instrument :
BNA_N
ClientSampleId :
RW11-MW01S-20241219



Tgt Ion:212 Resp: 1167
Ion Ratio Lower Upper
212 100
106 11.7 9.2 13.8
104 7.0 5.3 7.9

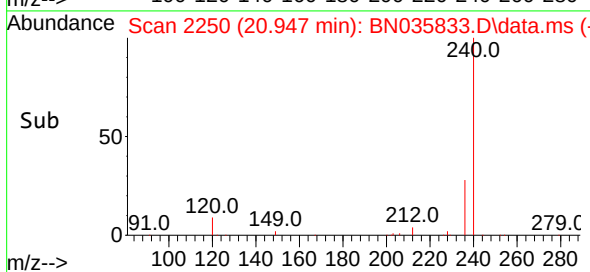
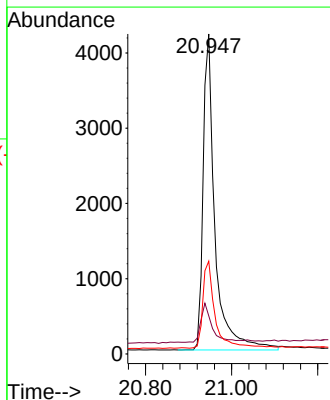
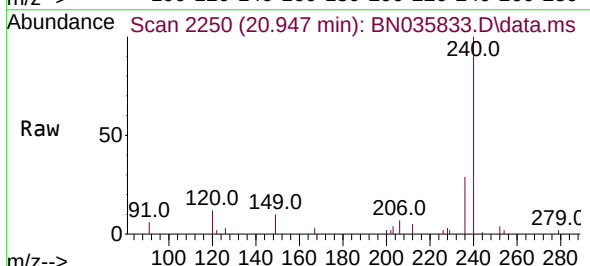
Manual Integrations
APPROVED

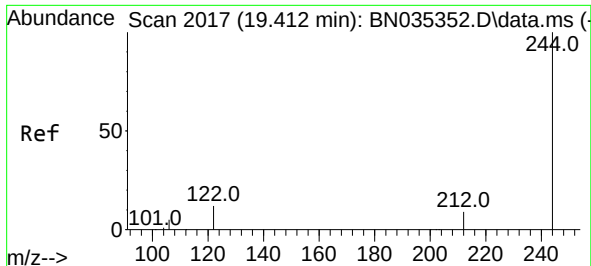
Reviewed By :Yogesh Patel 12/26/2024
Supervised By :mohammad ahmed 12/26/2024



#29
Chrysene-d12
Concen: 0.400 ng
RT: 20.947 min Scan# 2250
Delta R.T. -0.009 min
Lab File: BN035833.D
Acq: 24 Dec 2024 23:18

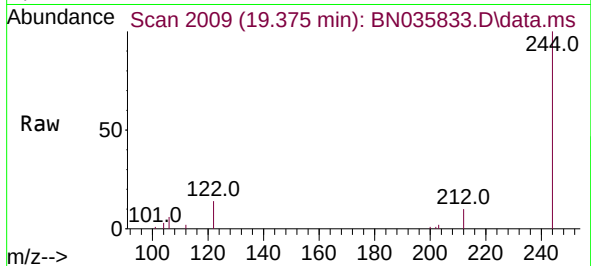
Tgt Ion:240 Resp: 8069
Ion Ratio Lower Upper
240 100
120 11.9 7.9 11.9
236 29.0 22.9 34.3





#31
 Terphenyl-d14
 Concen: 0.529 ng
 RT: 19.375 min Scan# 2017
 Delta R.T. -0.014 min
 Lab File: BN035833.D
 Acq: 24 Dec 2024 23:18

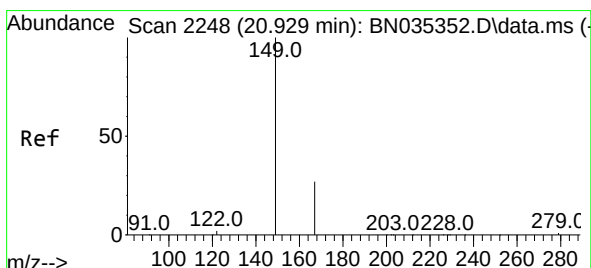
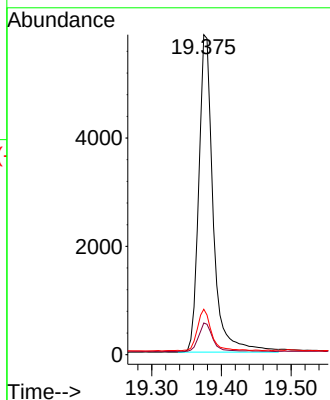
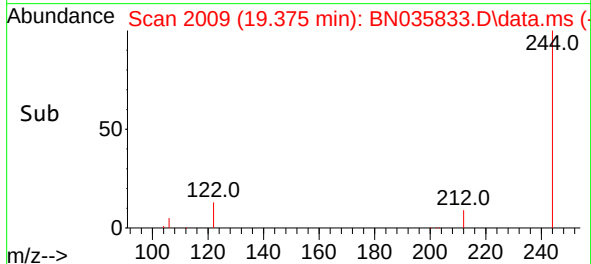
Instrument :
 BNA_N
 ClientSampleId :
 RW11-MW01S-20241219



Tgt Ion:244 Resp: 842
 Ion Ratio Lower Upper
 244 100
 212 9.9 8.1 12.1
 122 14.2 10.3 15.5

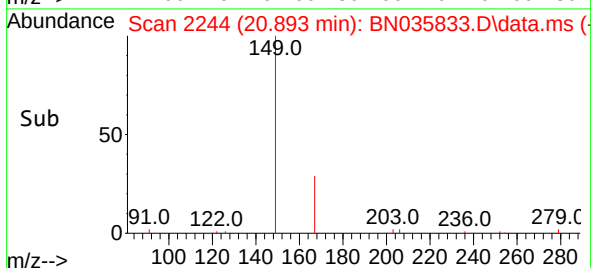
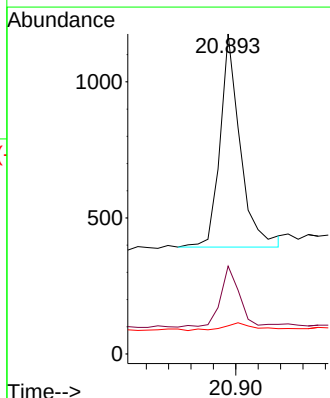
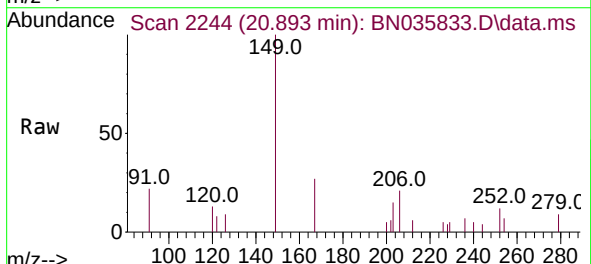
Manual Integrations
 APPROVED

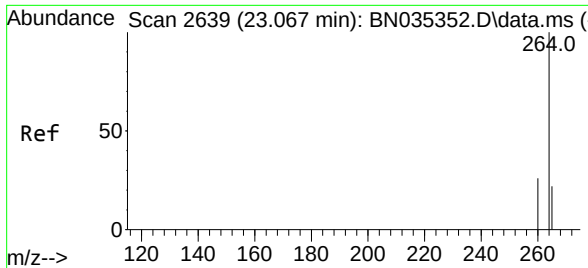
Reviewed By :Yogesh Patel 12/26/2024
 Supervised By :mohammad ahmed 12/26/2024



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.088 ng
 RT: 20.893 min Scan# 2244
 Delta R.T. -0.018 min
 Lab File: BN035833.D
 Acq: 24 Dec 2024 23:18

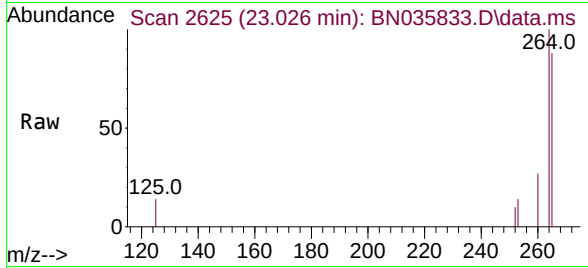
Tgt Ion:149 Resp: 981
 Ion Ratio Lower Upper
 149 100
 167 27.2 22.2 33.4
 279 6.7 2.7 4.1#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.026 min Scan# 20
 Delta R.T. -0.015 min
 Lab File: BN035833.D
 Acq: 24 Dec 2024 23:18

Instrument :
 BNA_N
 ClientSampleId :
 RW11-MW01S-20241219



Tgt Ion:264 Resp: 7784
 Ion Ratio Lower Upper
 264 100
 260 27.0 21.4 32.2
 265 87.6 40.2 60.4

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/26/2024
 Supervised By :mohammad ahmed 12/26/2024

