

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122624\
 Data File : BN035858.D
 Acq On : 26 Dec 2024 17:53
 Operator : RC/JU
 Sample : P5281-06DL 2X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE115D1-20241213DL

Quant Time: Dec 27 00:42:12 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
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Reviewed By :Yogesh Patel 12/27/2024
 Supervised By :mohammad ahmed 12/30/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.257	152	2930	0.400	ng	-0.01
7) Naphthalene-d8	9.999	136	6901	0.400	ng	-0.02
13) Acenaphthene-d10	13.914	164	4611	0.400	ng	-0.02
19) Phenanthrene-d10	16.698	188	10065	0.400	ng	# 0.00
29) Chrysene-d12	20.947	240	7379	0.400	ng	# 0.00
35) Perylene-d12	23.026	264	6927	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	4.924	112	517	0.071	ng	-0.01
5) Phenol-d6	6.477	99	323	0.037	ng	-0.01
8) Nitrobenzene-d5	8.408	82	1148m	0.272	ng	0.00
11) 2-Methylnaphthalene-d10	11.611	152	2321	0.215	ng	-0.01
14) 2,4,6-Tribromophenol	15.443	330	446	0.136	ng	-0.01
15) 2-Fluorobiphenyl	12.528	172	3712	0.213	ng	-0.02
27) Fluoranthene-d10	18.747	212	7627	0.267	ng	-0.01
31) Terphenyl-d14	19.375	244	5442	0.374	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.974	88	9945	3.550	ng	99
6) bis(2-Chloroethyl)ether	6.716	93	235	0.032	ng	93
34) Bis(2-ethylhexyl)phtha...	20.893	149	826	0.081	ng	# 87

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

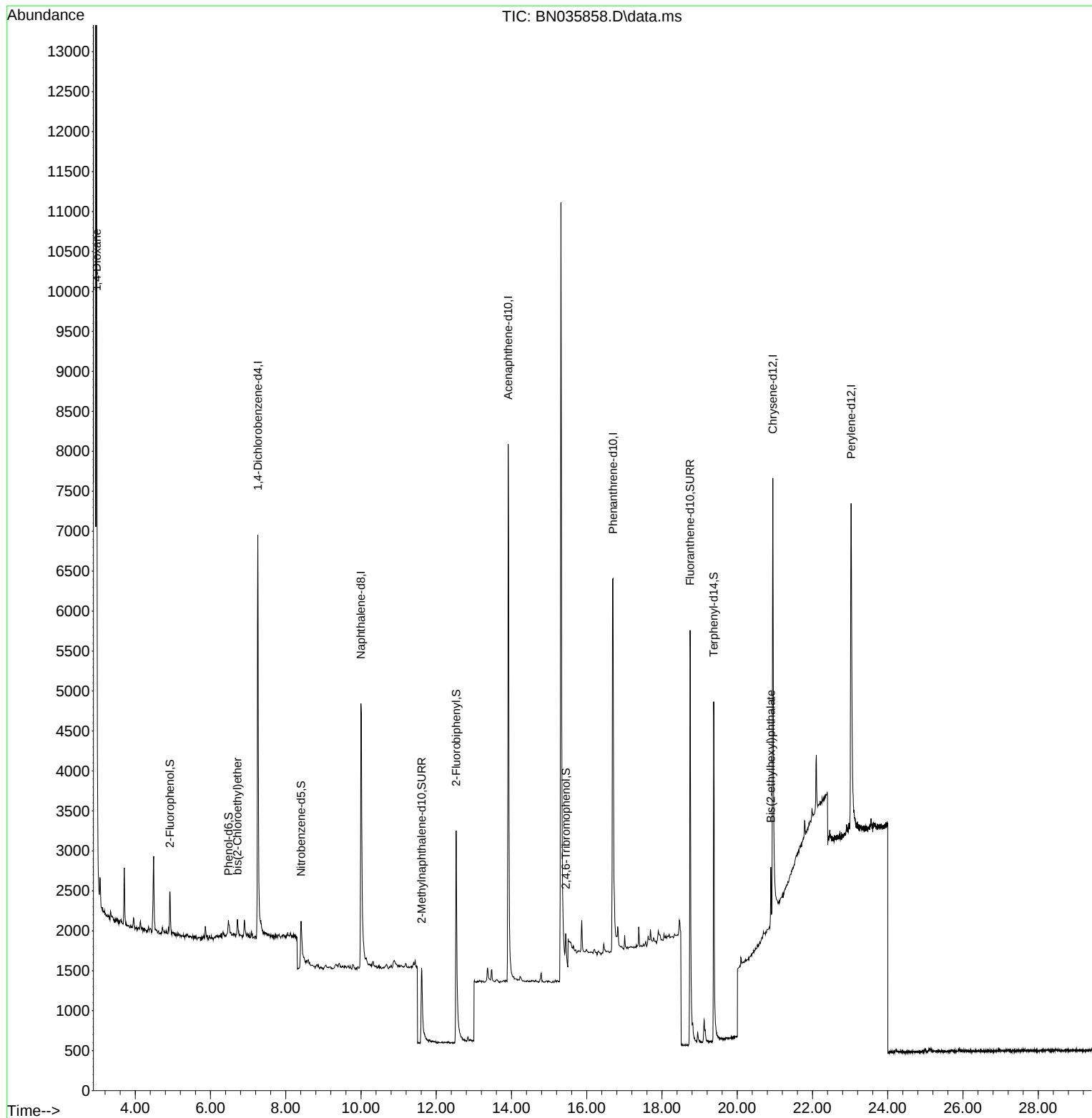
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122624\
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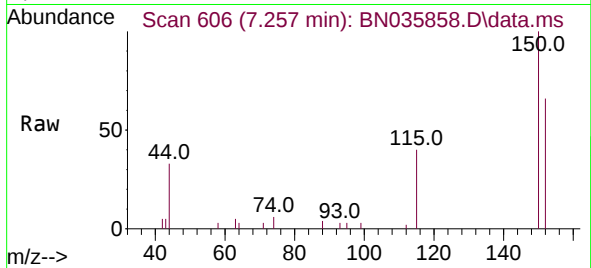
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/30/2024





#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.257 min Scan# 60
 Delta R.T. -0.015 min
 Lab File: BN035858.D
 Acq: 26 Dec 2024 17:53

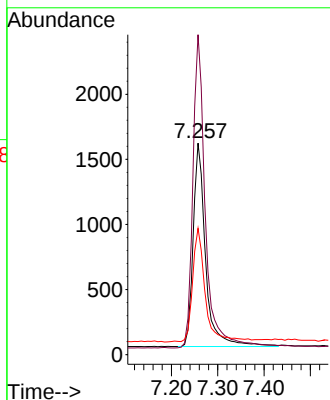
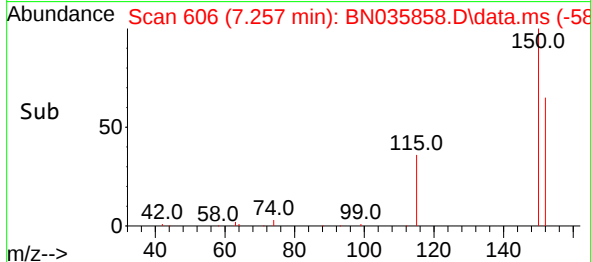
Instrument :
 BNA_N
 ClientSampleId :
 RE115D1-20241213DL



Tgt Ion: 152 Resp: 2930
 Ion Ratio Lower Upper
 152 100
 150 151.3 124.0 186.0
 115 59.8 49.6 74.4

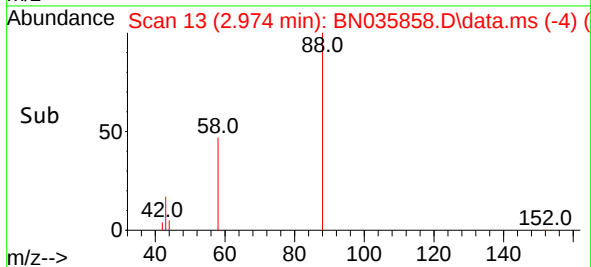
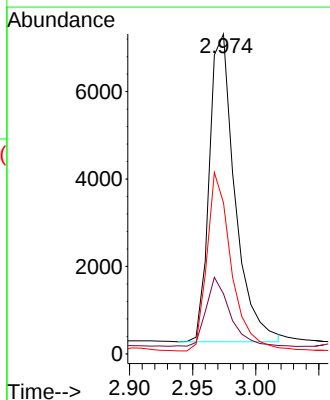
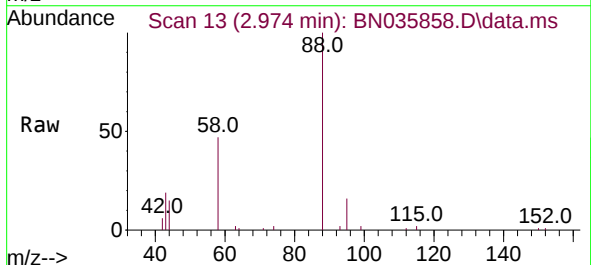
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#2
 1,4-Dioxane
 Concen: 3.550 ng
 RT: 2.974 min Scan# 13
 Delta R.T. -0.008 min
 Lab File: BN035858.D
 Acq: 26 Dec 2024 17:53

Tgt Ion: 88 Resp: 9945
 Ion Ratio Lower Upper
 88 100
 43 20.8 17.2 25.8
 58 55.2 44.5 66.7





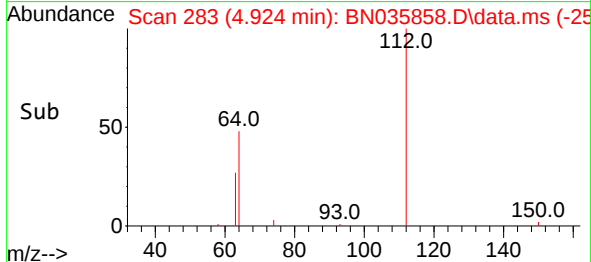
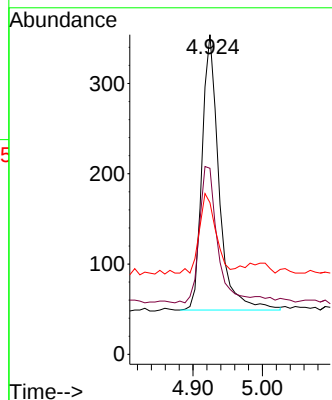
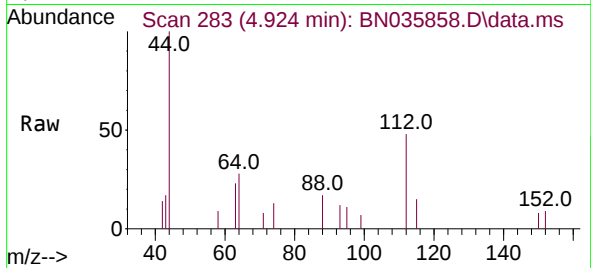
#4
2-Fluorophenol
Concen: 0.071 ng
RT: 4.924 min Scan# 211
Delta R.T. -0.015 min
Lab File: BN035858.D
Acq: 26 Dec 2024 17:53

Instrument :
BNA_N
ClientSampleId :
RE115D1-20241213DL

Tgt Ion:112 Resp: 511
Ion Ratio Lower Upper
112 100
64 52.6 39.8 59.8
63 28.0 21.0 31.6

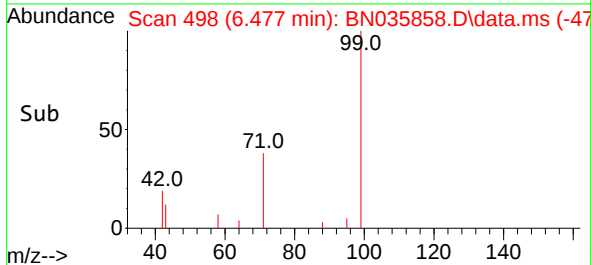
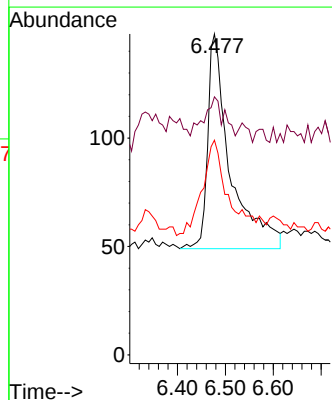
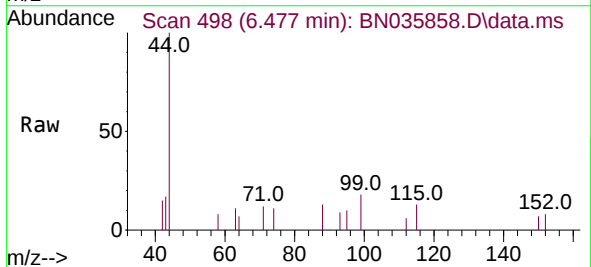
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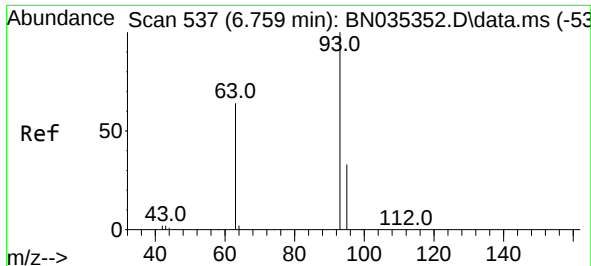
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/30/2024



#5
Phenol-d6
Concen: 0.037 ng
RT: 6.477 min Scan# 498
Delta R.T. -0.015 min
Lab File: BN035858.D
Acq: 26 Dec 2024 17:53

Tgt Ion: 99 Resp: 323
Ion Ratio Lower Upper
99 100
42 22.0 11.4 17.2#
71 50.8 29.3 43.9#





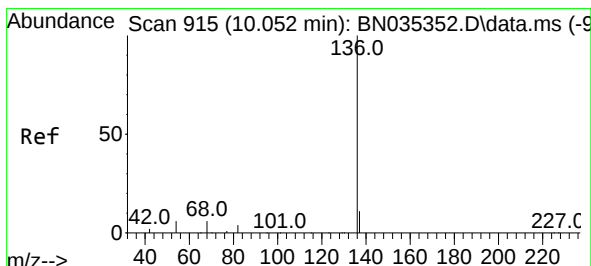
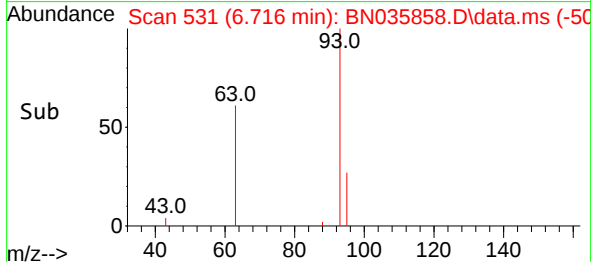
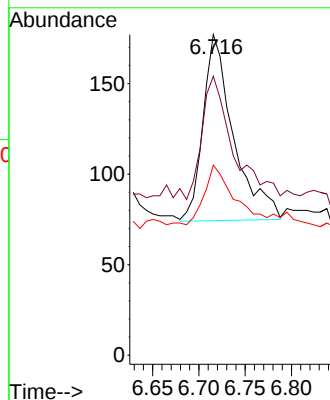
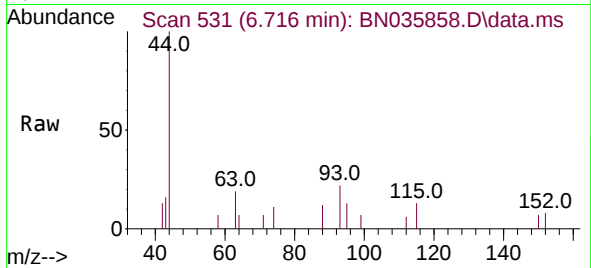
#6
bis(2-Chloroethyl)ether
Concen: 0.032 ng
RT: 6.716 min Scan# 51
Delta R.T. -0.015 min
Lab File: BN035858.D
Acq: 26 Dec 2024 17:53

Instrument :
BNA_N
ClientSampleId :
RE115D1-20241213DL

Tgt Ion: 93 Resp: 238
Ion Ratio Lower Upper
93 100
63 70.6 50.4 75.6
95 31.5 25.7 38.5

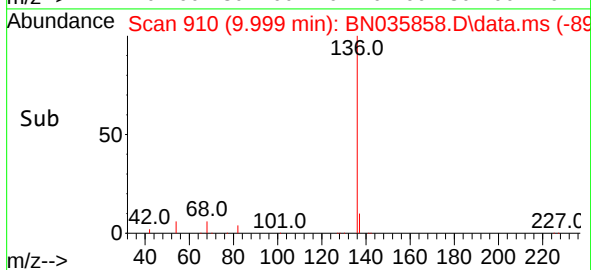
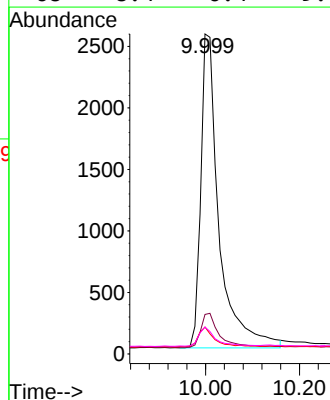
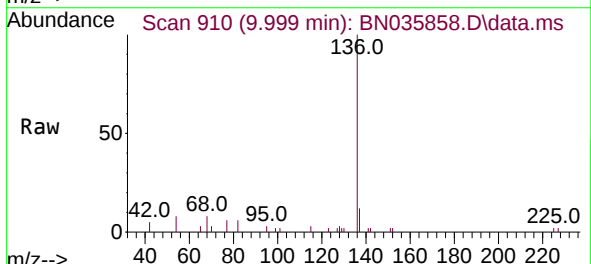
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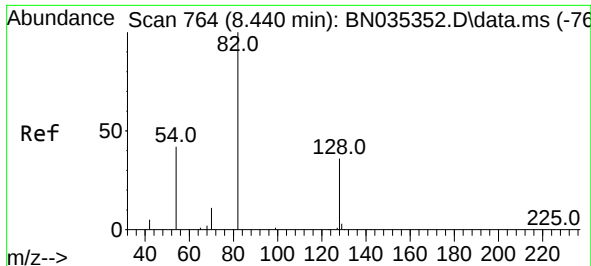
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/30/2024



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 9.999 min Scan# 910
Delta R.T. -0.021 min
Lab File: BN035858.D
Acq: 26 Dec 2024 17:53

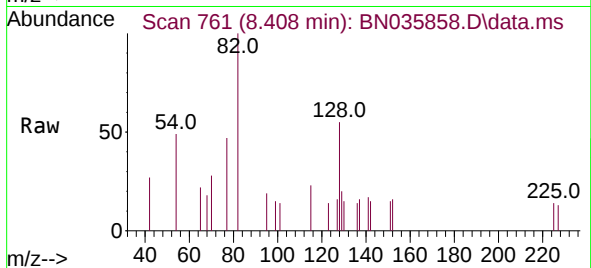
Tgt Ion:136 Resp: 6901
Ion Ratio Lower Upper
136 100
137 12.3 10.2 15.2
54 8.4 6.1 9.1
68 8.4 6.4 9.6





#8
Nitrobenzene-d5
Concen: 0.272 ng m
RT: 8.408 min Scan# 764
Delta R.T. -0.000 min
Lab File: BN035858.D
Acq: 26 Dec 2024 17:53

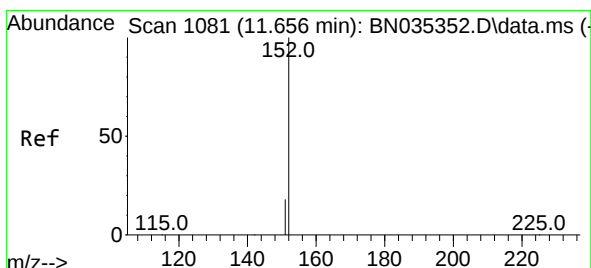
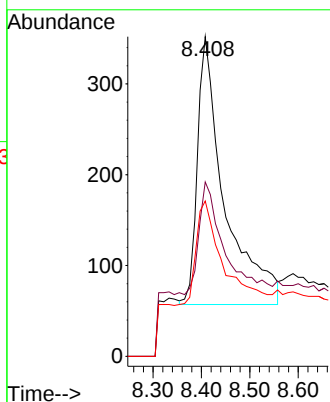
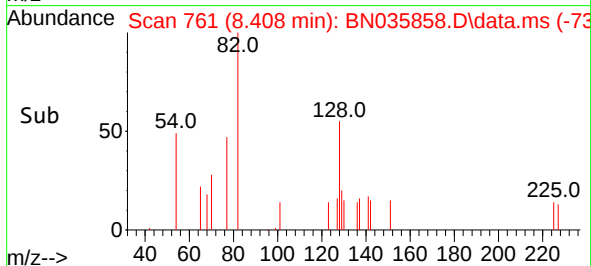
Instrument :
BNA_N
ClientSampleId :
RE115D1-20241213DL



Tgt Ion: 82 Resp: 1148
Ion Ratio Lower Upper
82 100
128 54.5 33.4 50.0
54 48.6 36.7 55.1

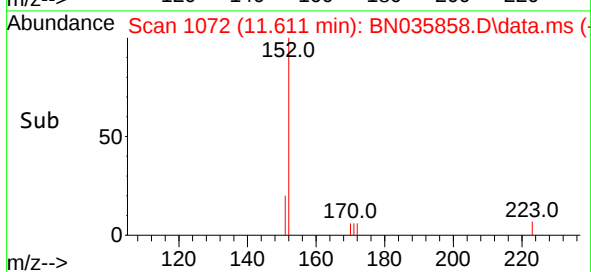
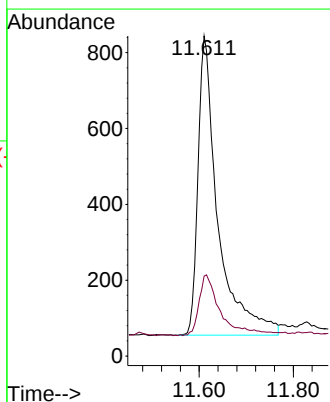
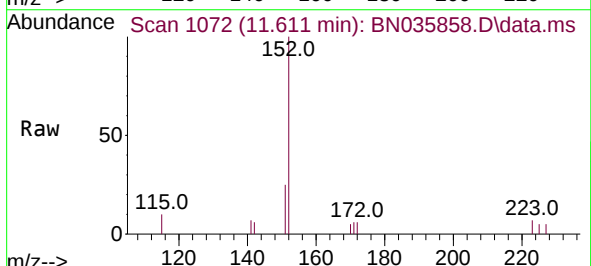
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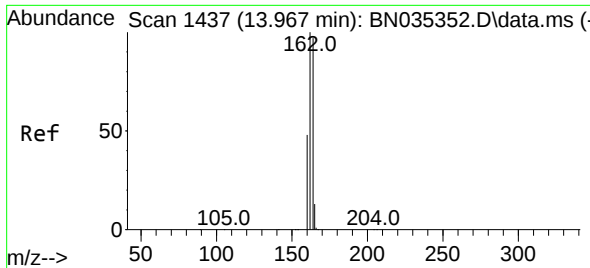
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/30/2024



#11
2-Methylnaphthalene-d10
Concen: 0.215 ng
RT: 11.611 min Scan# 1072
Delta R.T. -0.010 min
Lab File: BN035858.D
Acq: 26 Dec 2024 17:53

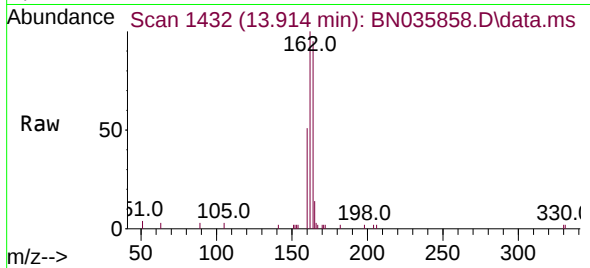
Tgt Ion:152 Resp: 2321
Ion Ratio Lower Upper
152 100
151 22.1 16.6 25.0





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 13.914 min Scan# 1437
Delta R.T. -0.021 min
Lab File: BN035858.D
Acq: 26 Dec 2024 17:53

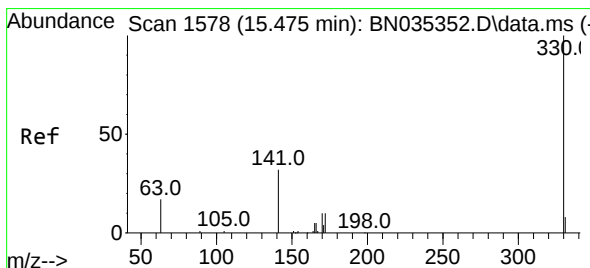
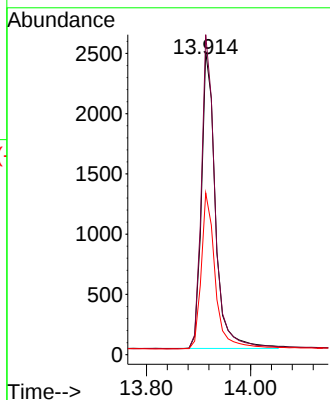
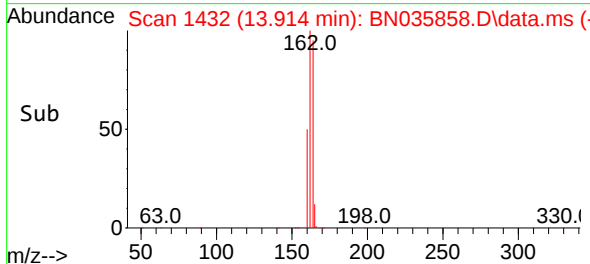
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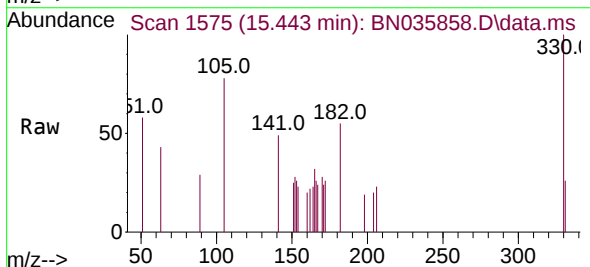
Tgt Ion:164 Resp: 461
Ion Ratio Lower Upper
164 100
162 105.6 82.2 123.2
160 53.4 40.1 60.1

Manual Integrations
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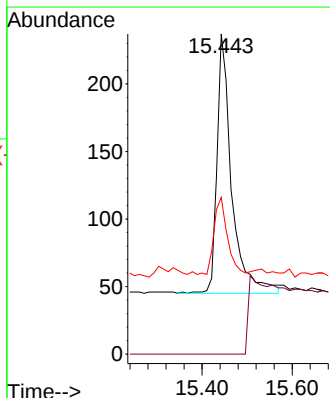
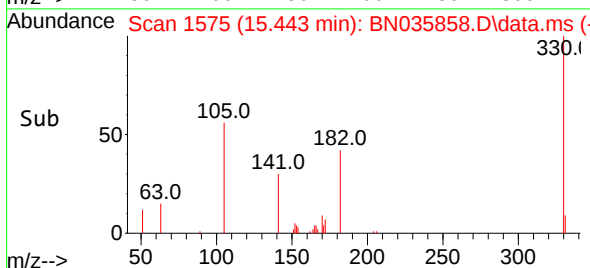
Reviewed By :Yogesh Patel 12/27/2024
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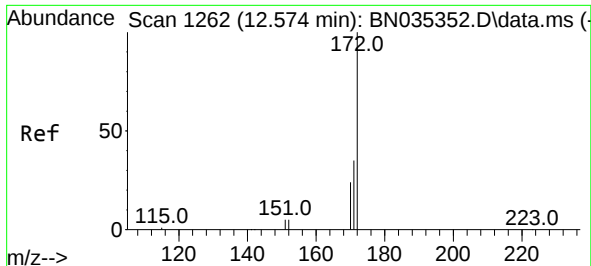


#14
2,4,6-Tribromophenol
Concen: 0.136 ng
RT: 15.443 min Scan# 1575
Delta R.T. -0.011 min
Lab File: BN035858.D
Acq: 26 Dec 2024 17:53



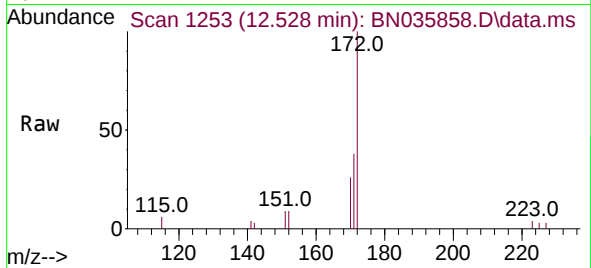
Tgt Ion:330 Resp: 446
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 26.2 26.6 40.0#





#15
2-Fluorobiphenyl
Concen: 0.213 ng
RT: 12.528 min Scan# 11
Delta R.T. -0.015 min
Lab File: BN035858.D
Acq: 26 Dec 2024 17:53

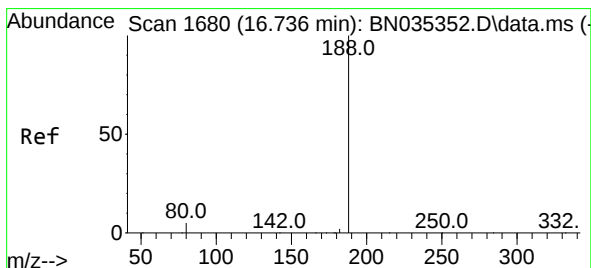
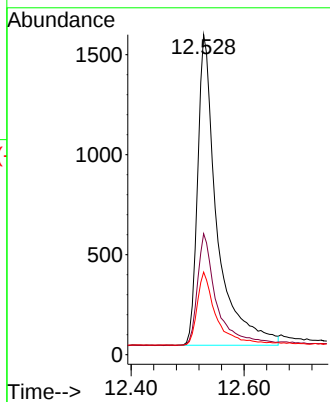
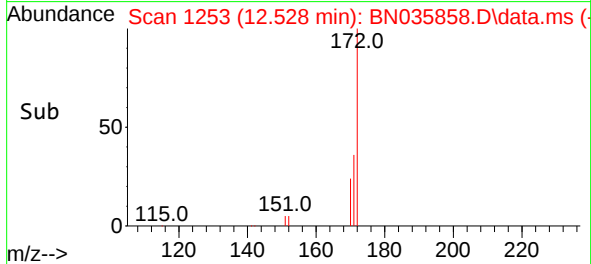
Instrument :
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RE115D1-20241213DL



Tgt Ion:172 Resp: 371
Ion Ratio Lower Upper
172 100
171 37.8 29.0 43.4
170 25.8 19.8 29.8

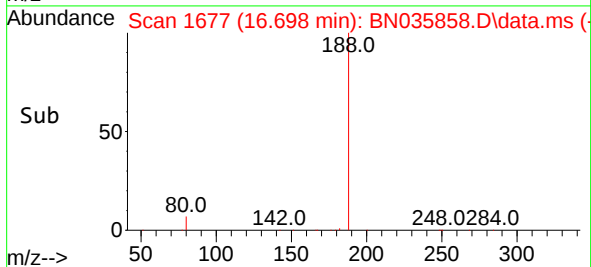
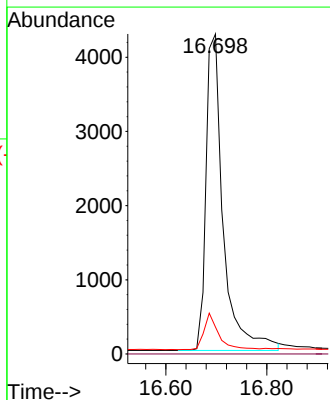
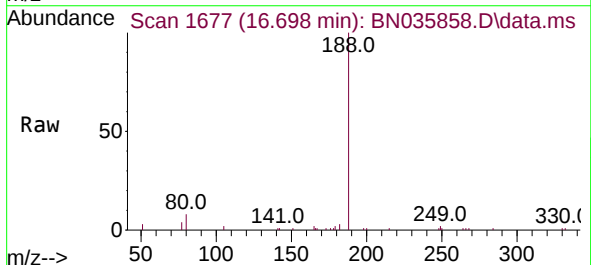
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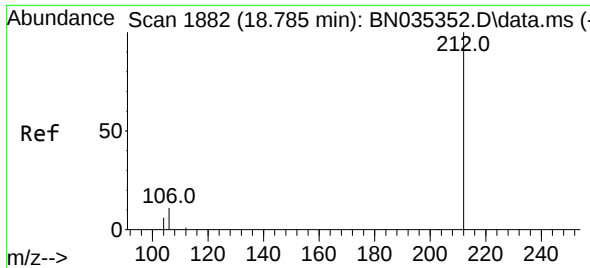
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/30/2024



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.698 min Scan# 1677
Delta R.T. -0.000 min
Lab File: BN035858.D
Acq: 26 Dec 2024 17:53

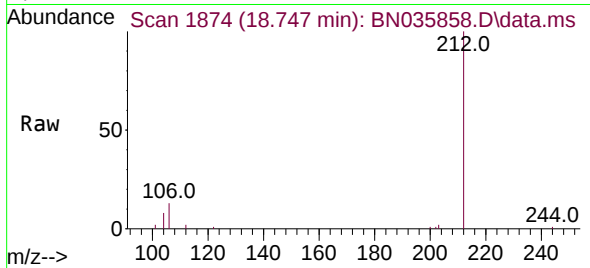
Tgt Ion:188 Resp: 10065
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.4 4.6 6.8





#27
Fluoranthene-d10
Concen: 0.267 ng
RT: 18.747 min Scan# 11
Delta R.T. -0.014 min
Lab File: BN035858.D
Acq: 26 Dec 2024 17:53

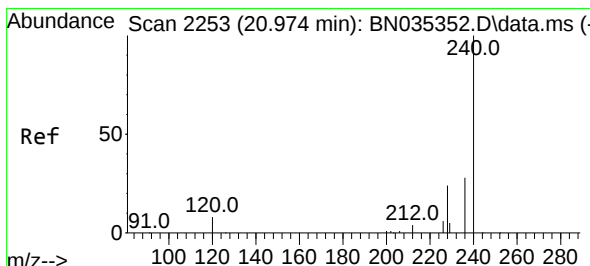
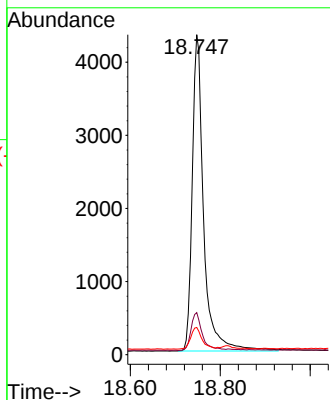
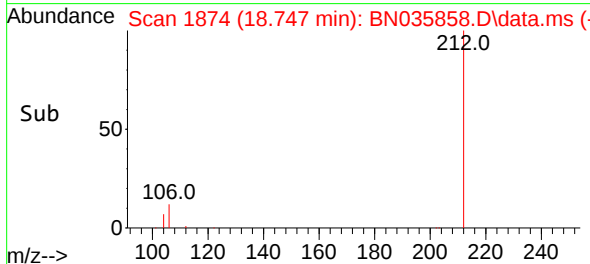
Instrument :
BNA_N
ClientSampleId :
RE115D1-20241213DL



Tgt Ion:212 Resp: 762
Ion Ratio Lower Upper
212 100
106 11.9 9.2 13.8
104 6.8 5.3 7.9

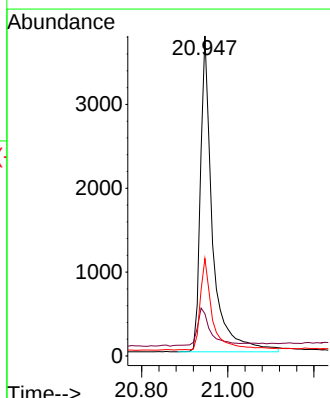
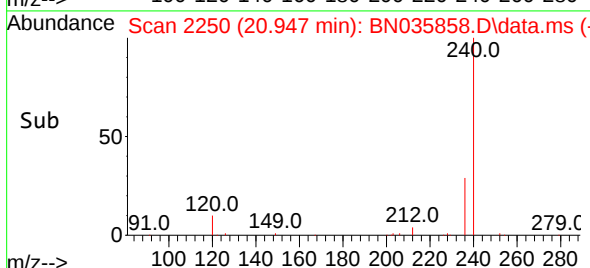
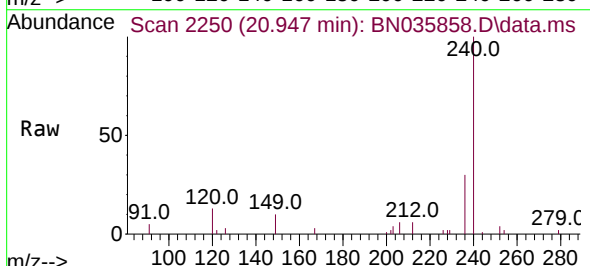
Manual Integrations
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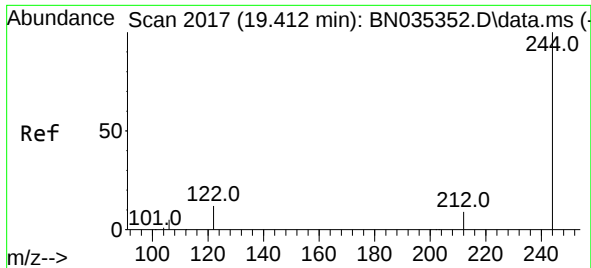
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/30/2024



#29
Chrysene-d12
Concen: 0.400 ng
RT: 20.947 min Scan# 2250
Delta R.T. -0.009 min
Lab File: BN035858.D
Acq: 26 Dec 2024 17:53

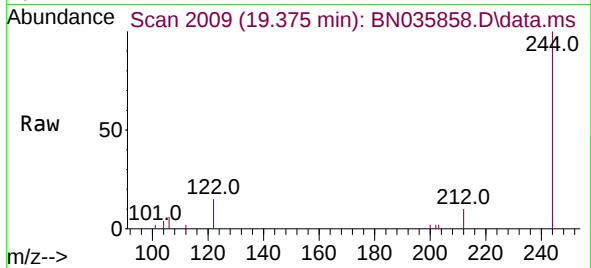
Tgt Ion:240 Resp: 7379
Ion Ratio Lower Upper
240 100
120 13.2 7.9 11.9#
236 30.5 22.9 34.3





#31
 Terphenyl-d14
 Concen: 0.374 ng
 RT: 19.375 min Scan# 2017
 Delta R.T. -0.014 min
 Lab File: BN035858.D
 Acq: 26 Dec 2024 17:53

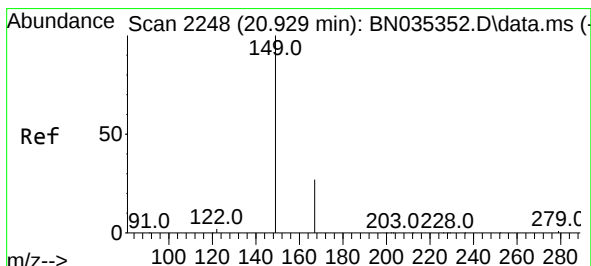
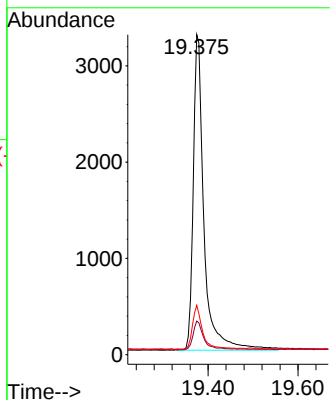
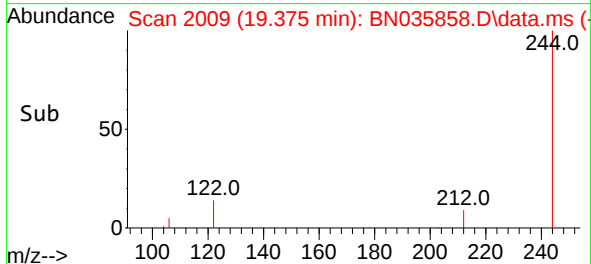
Instrument :
 BNA_N
 ClientSampleId :
 RE115D1-20241213DL



Tgt Ion:244 Resp: 544
 Ion Ratio Lower Upper
 244 100
 212 10.5 8.1 12.1
 122 15.4 10.3 15.5

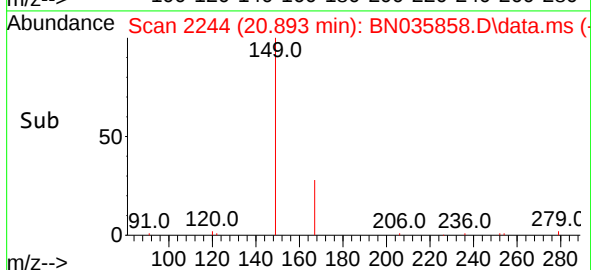
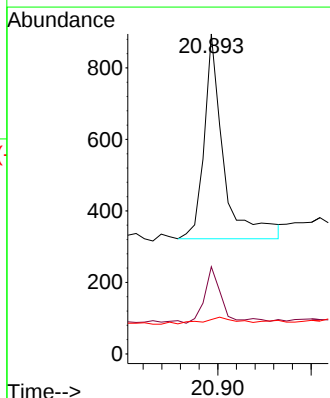
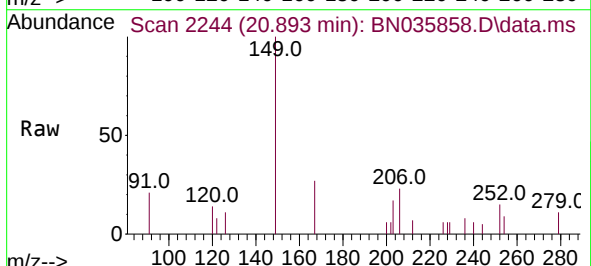
Manual Integrations
 APPROVED

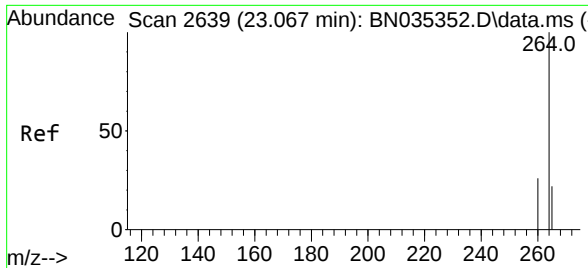
Reviewed By :Yogesh Patel 12/27/2024
 Supervised By :mohammad ahmed 12/30/2024



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.081 ng
 RT: 20.893 min Scan# 2244
 Delta R.T. -0.018 min
 Lab File: BN035858.D
 Acq: 26 Dec 2024 17:53

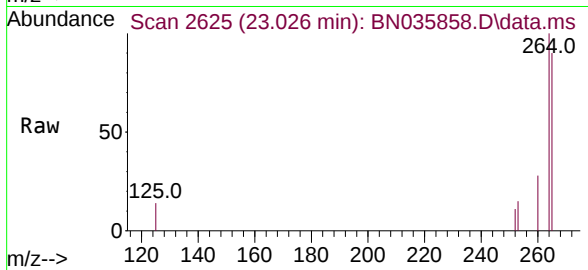
Tgt Ion:149 Resp: 826
 Ion Ratio Lower Upper
 149 100
 167 20.6 22.2 33.4#
 279 5.3 2.7 4.1#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.026 min Scan# 20
Delta R.T. -0.015 min
Lab File: BN035858.D
Acq: 26 Dec 2024 17:53

Instrument :
BNA_N
ClientSampleId :
RE115D1-20241213DL



Tgt Ion:264 Resp: 692
Ion Ratio Lower Upper
264 100
260 27.5 21.4 32.2
265 90.4 40.2 60.4

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/30/2024

