

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122324\
 Data File : BN035800.D
 Acq On : 24 Dec 2024 01:49
 Operator : RC/JU
 Sample : P5281-08
 Misc :
 ALS Vial : 82 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 FB02-20241213

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/24/2024
 Supervised By :mohammad ahmed 12/26/2024

Quant Time: Dec 24 02:36:00 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.264	152	3456	0.400	ng	0.00
7) Naphthalene-d8	10.009	136	8002	0.400	ng	-0.01
13) Acenaphthene-d10	13.925	164	4899	0.400	ng	-0.01
19) Phenanthrene-d10	16.698	188	9904	0.400	ng	# 0.00
29) Chrysene-d12	20.947	240	7907	0.400	ng	# 0.00
35) Perylene-d12	23.032	264	7434	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.932	112	1105	0.128	ng	0.00
5) Phenol-d6	6.484	99	585	0.056	ng	0.00
8) Nitrobenzene-d5	8.408	82	2186m	0.447	ng	0.00
11) 2-Methylnaphthalene-d10	11.616	152	4603	0.368	ng	0.00
14) 2,4,6-Tribromophenol	15.453	330	685	0.197	ng	0.00
15) 2-Fluorobiphenyl	12.533	172	7146	0.386	ng	-0.01
27) Fluoranthene-d10	18.752	212	12579	0.448	ng	0.00
31) Terphenyl-d14	19.379	244	9156	0.587	ng	0.00
Target Compounds						Qvalue
32) Benzo(a)anthracene	20.938	228	660	0.024	ng	# 74
33) Chrysene	20.983	228	756	0.027	ng	# 80
34) Bis(2-ethylhexyl)phtha...	20.902	149	1232	0.113	ng	96

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

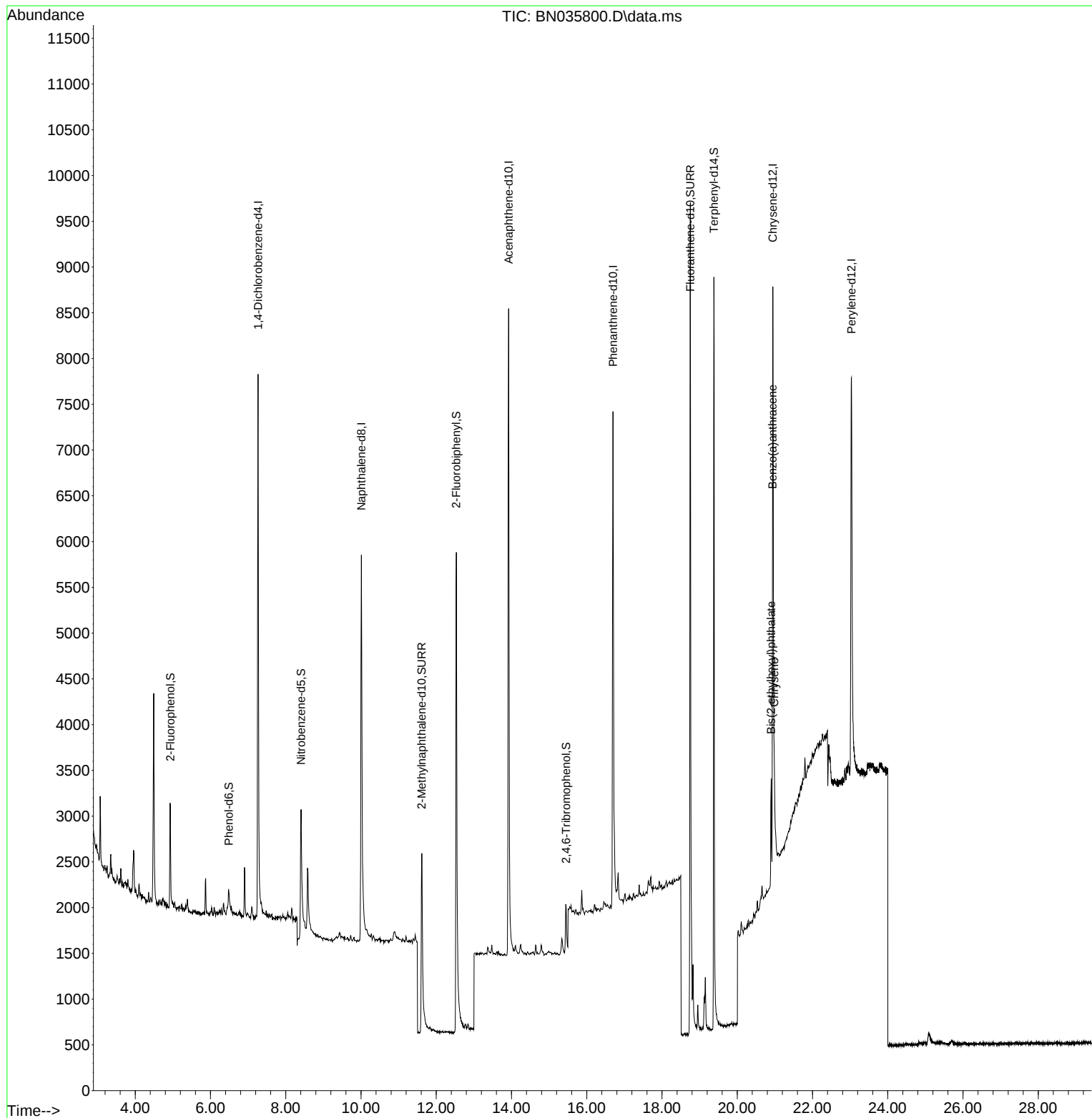
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122324\
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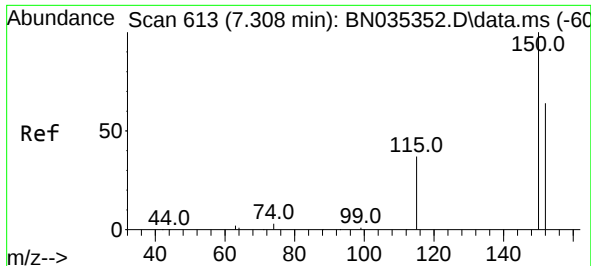
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FB02-20241213

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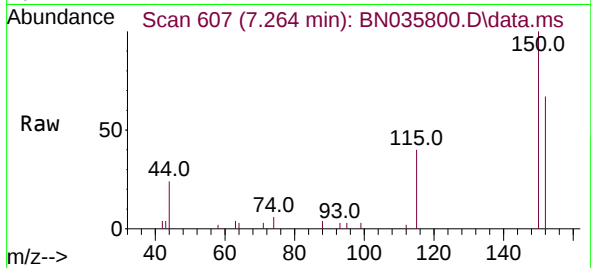
Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/26/2024





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.264 min Scan# 607
Delta R.T. -0.008 min
Lab File: BN035800.D
Acq: 24 Dec 2024 01:49

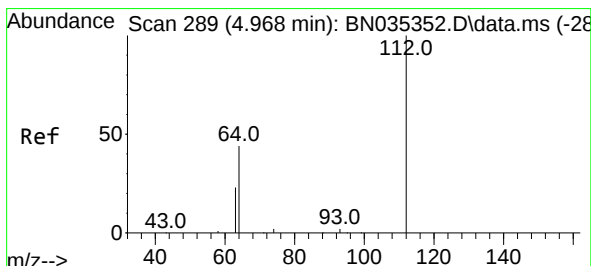
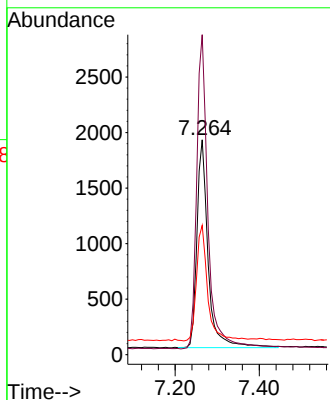
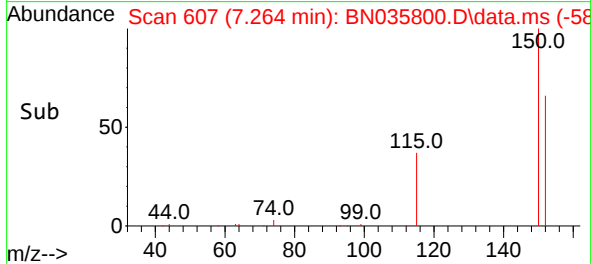
Instrument :
BNA_N
ClientSampleId :
FB02-20241213



Tgt Ion:152 Resp: 3450
Ion Ratio Lower Upper
152 100
150 148.9 124.0 186.0
115 60.2 49.6 74.4

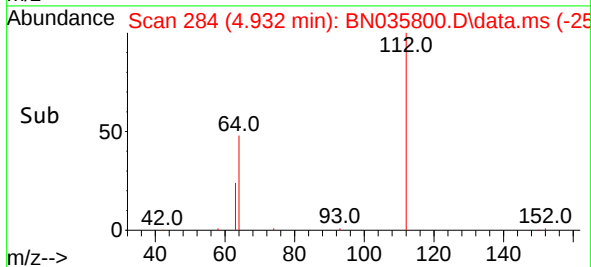
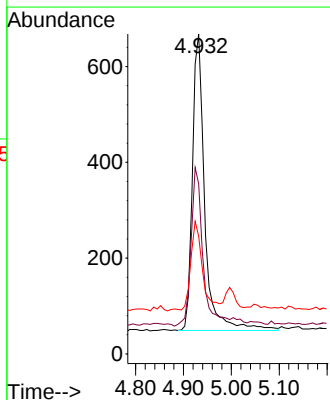
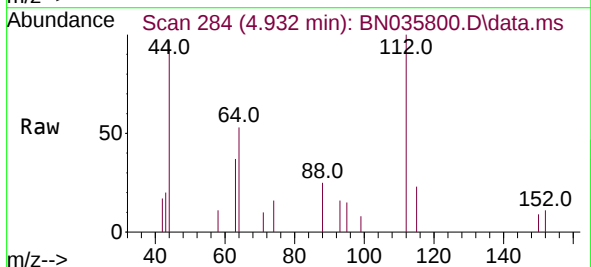
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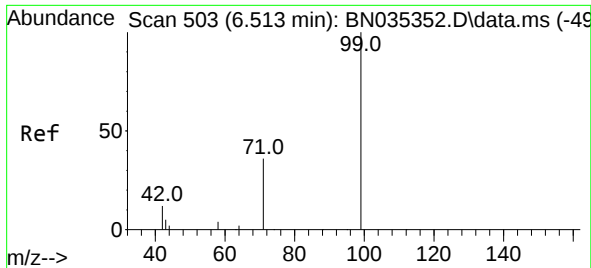
Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/26/2024



#4
2-Fluorophenol
Concen: 0.128 ng
RT: 4.932 min Scan# 284
Delta R.T. -0.007 min
Lab File: BN035800.D
Acq: 24 Dec 2024 01:49

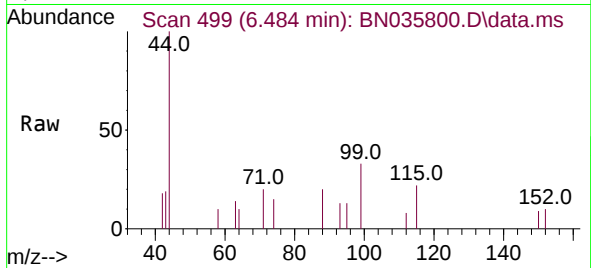
Tgt Ion:112 Resp: 1105
Ion Ratio Lower Upper
112 100
64 51.9 39.8 59.8
63 29.0 21.0 31.6





#5
Phenol-d6
Concen: 0.056 ng
RT: 6.484 min Scan# 499
Delta R.T. -0.007 min
Lab File: BN035800.D
Acq: 24 Dec 2024 01:49

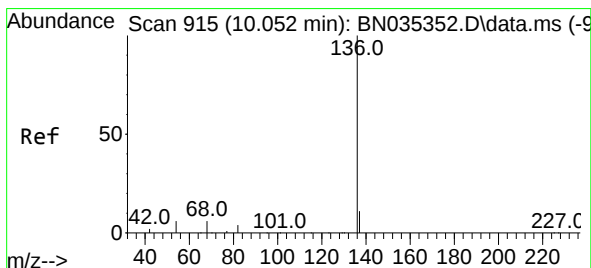
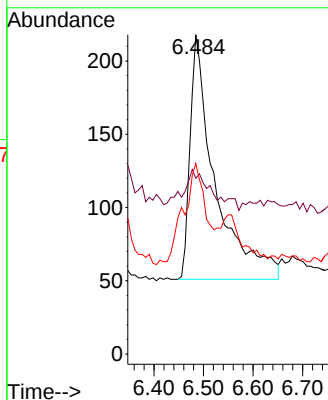
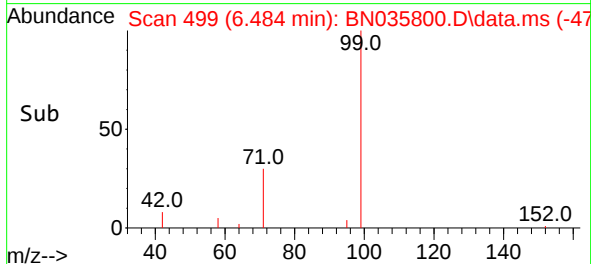
Instrument :
BNA_N
ClientSampleId :
FB02-20241213



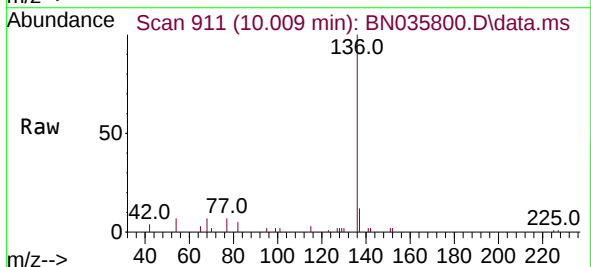
Tgt Ion	Ratio	Lower	Upper
99	100		
42	14.4	11.4	17.2
71	36.9	29.3	43.9

Manual Integrations
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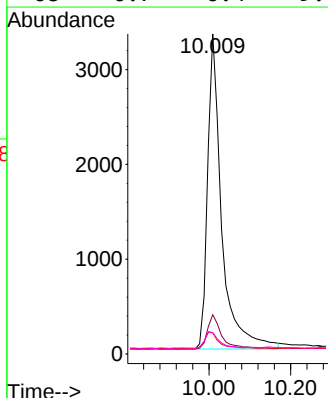
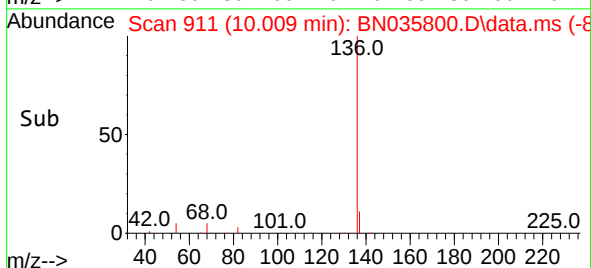
Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/26/2024

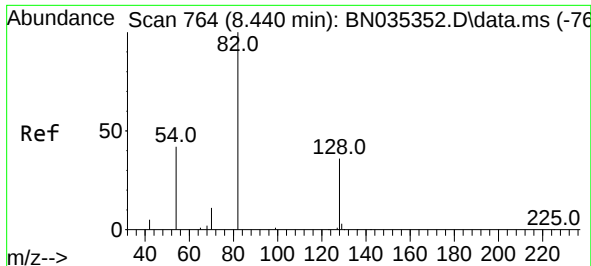


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.009 min Scan# 911
Delta R.T. -0.011 min
Lab File: BN035800.D
Acq: 24 Dec 2024 01:49



Tgt Ion	Ratio	Lower	Upper
136	100		
137	12.3	10.2	15.2
54	6.5	6.1	9.1
68	6.7	6.4	9.6





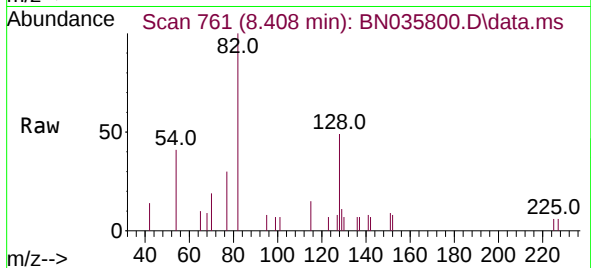
#8
Nitrobenzene-d5
Concen: 0.447 ng m
RT: 8.408 min Scan# 764
Delta R.T. -0.000 min
Lab File: BN035800.D
Acq: 24 Dec 2024 01:49

Instrument :

BNA_N

ClientSampleId :

FB02-20241213

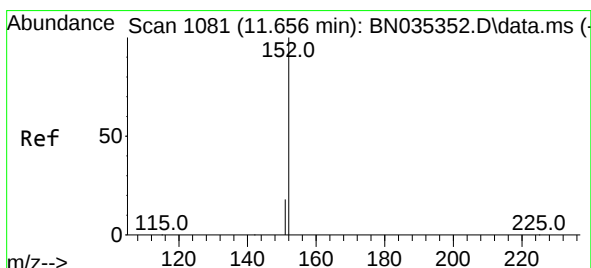
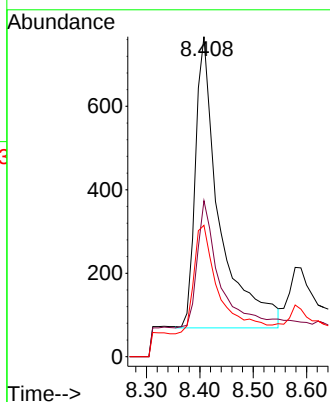
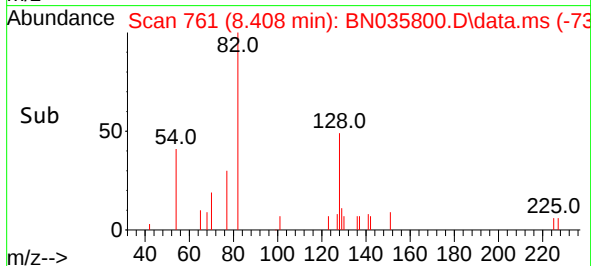


Tgt Ion: 82 Resp: 2180
Ion Ratio Lower Upper
82 100
128 48.8 33.4 50.0
54 41.1 36.7 55.1

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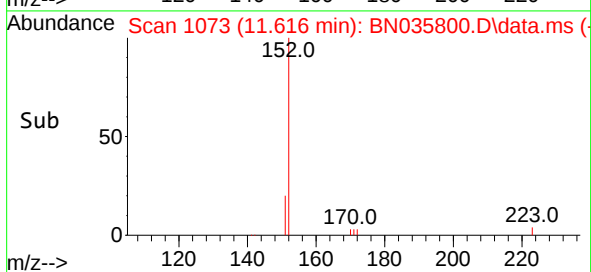
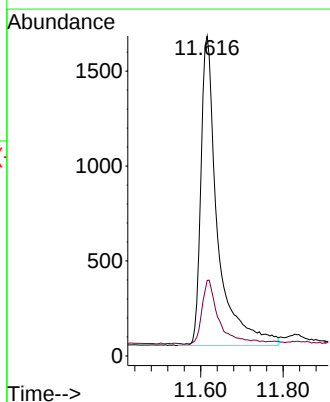
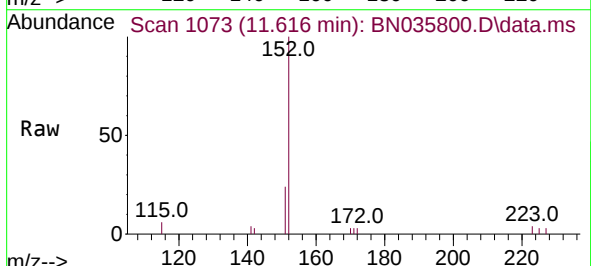
APPROVED

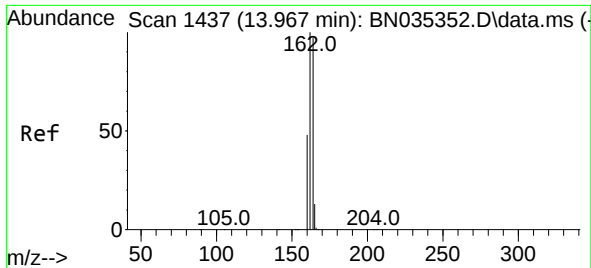
Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/26/2024



#11
2-Methylnaphthalene-d10
Concen: 0.368 ng
RT: 11.616 min Scan# 1073
Delta R.T. -0.005 min
Lab File: BN035800.D
Acq: 24 Dec 2024 01:49

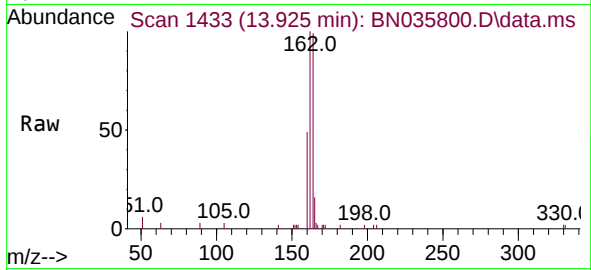
Tgt Ion:152 Resp: 4603
Ion Ratio Lower Upper
152 100
151 20.4 16.6 25.0





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 13.925 min Scan# 1433
Delta R.T. -0.011 min
Lab File: BN035800.D
Acq: 24 Dec 2024 01:49

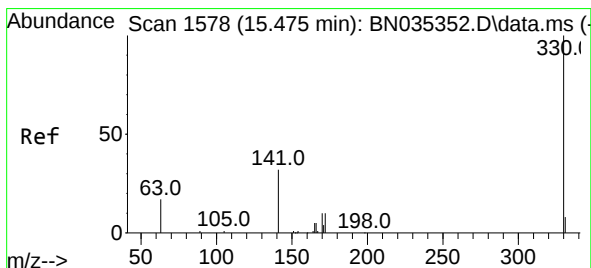
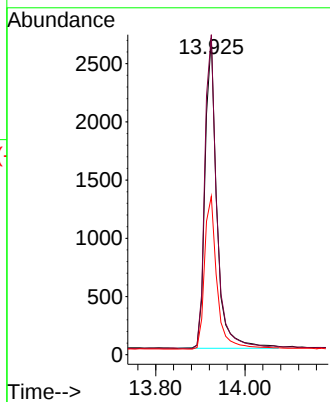
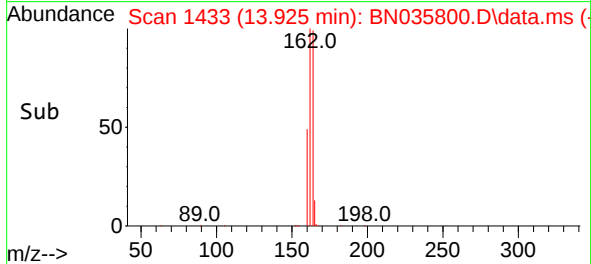
Instrument :
BNA_N
ClientSampleId :
FB02-20241213



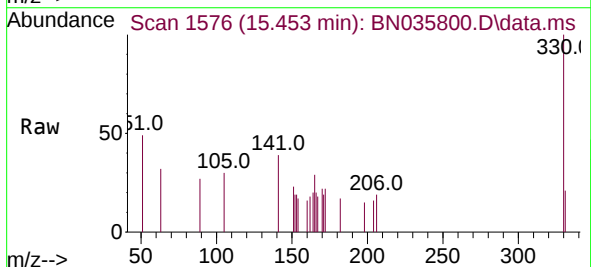
Tgt Ion:164 Resp: 489
Ion Ratio Lower Upper
164 100
162 101.0 82.2 123.2
160 49.9 40.1 60.1

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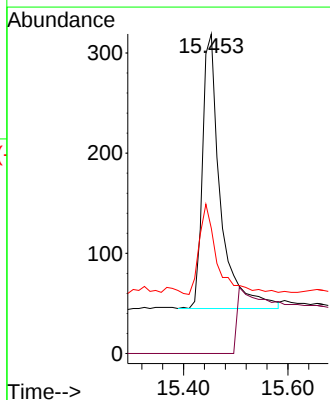
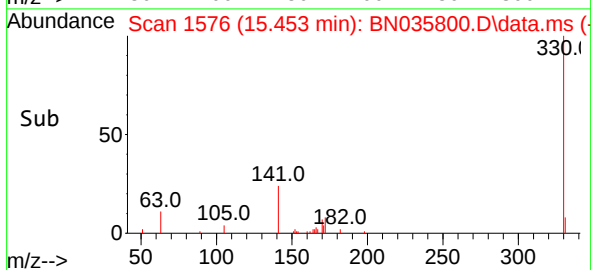
Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/26/2024

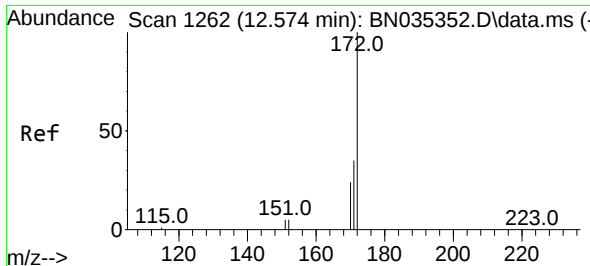


#14
2,4,6-Tribromophenol
Concen: 0.197 ng
RT: 15.453 min Scan# 1576
Delta R.T. -0.000 min
Lab File: BN035800.D
Acq: 24 Dec 2024 01:49



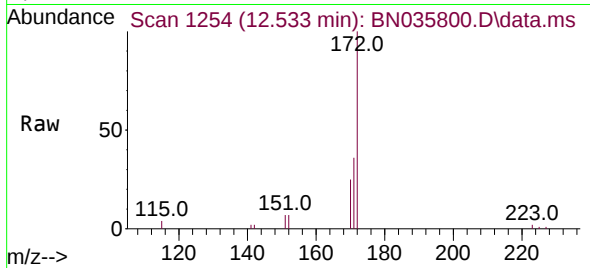
Tgt Ion:330 Resp: 685
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 33.9 26.6 40.0





#15
2-Fluorobiphenyl
Concen: 0.386 ng
RT: 12.533 min Scan# 11
Delta R.T. -0.010 min
Lab File: BN035800.D
Acq: 24 Dec 2024 01:49

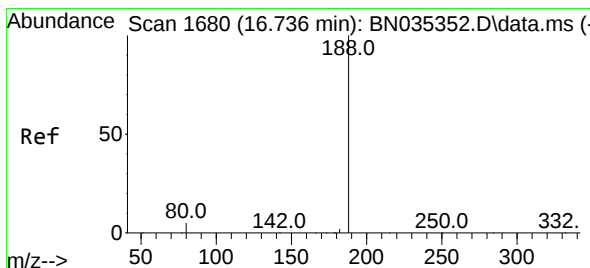
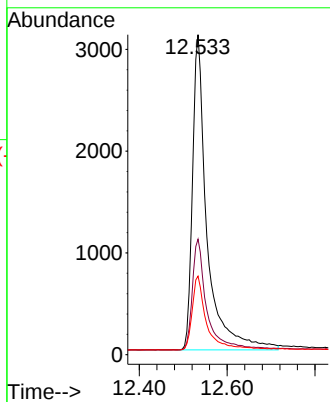
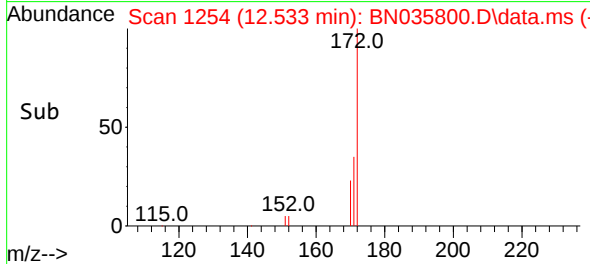
Instrument :
BNA_N
ClientSampleId :
FB02-20241213



Tgt Ion:172 Resp: 7140
Ion Ratio Lower Upper
172 100
171 36.1 29.0 43.4
170 24.6 19.8 29.8

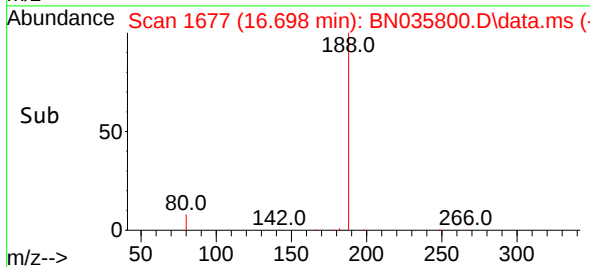
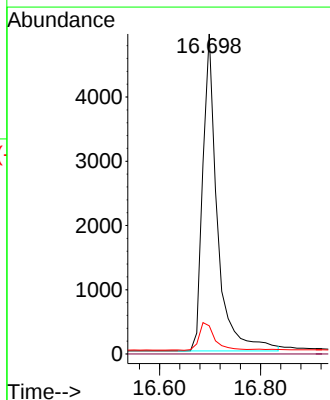
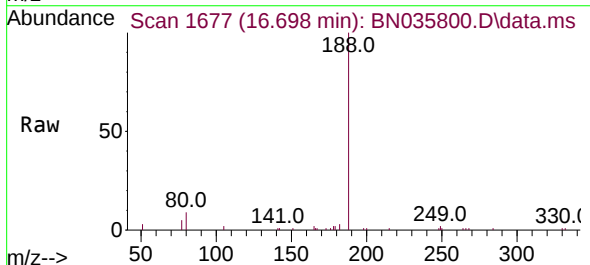
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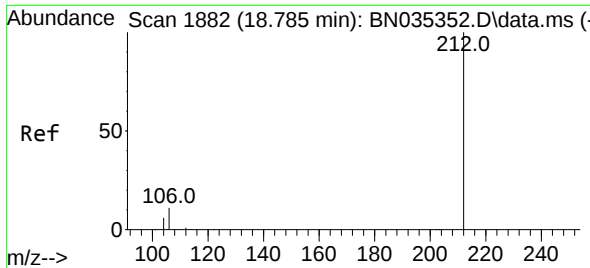
Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/26/2024



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.698 min Scan# 1677
Delta R.T. -0.000 min
Lab File: BN035800.D
Acq: 24 Dec 2024 01:49

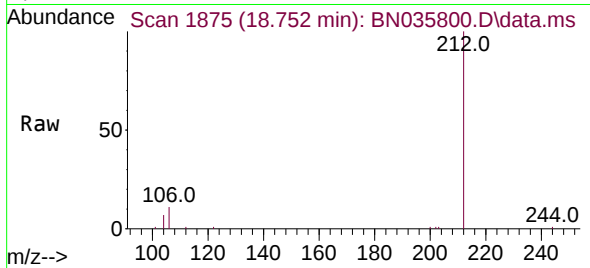
Tgt Ion:188 Resp: 9904
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.8 4.6 6.8





#27
Fluoranthene-d10
Concen: 0.448 ng
RT: 18.752 min Scan# 1875
Delta R.T. -0.009 min
Lab File: BN035800.D
Acq: 24 Dec 2024 01:49

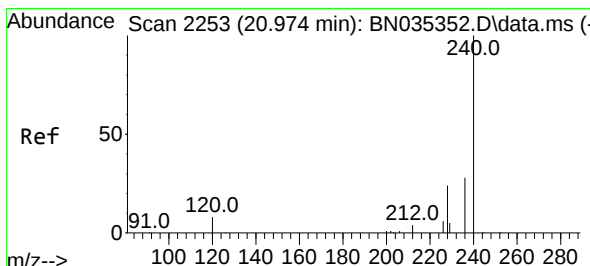
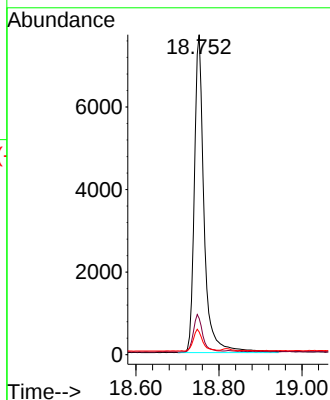
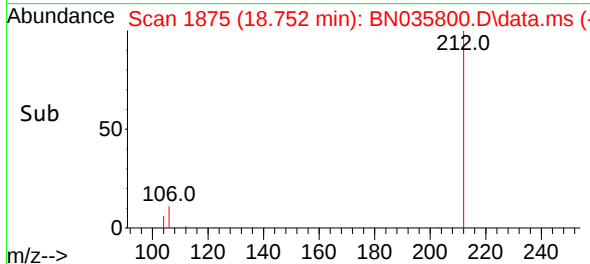
Instrument :
BNA_N
ClientSampleId :
FB02-20241213



Tgt Ion:212 Resp: 12579
Ion Ratio Lower Upper
212 100
106 11.4 9.2 13.8
104 6.5 5.3 7.9

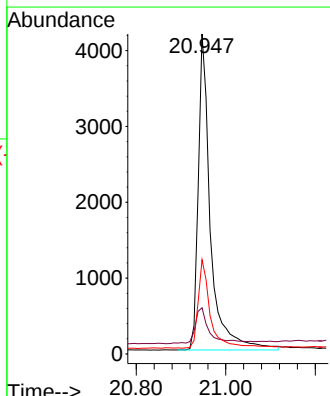
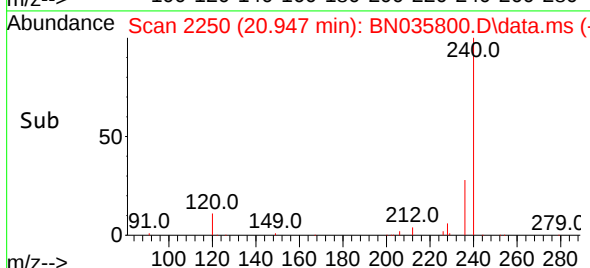
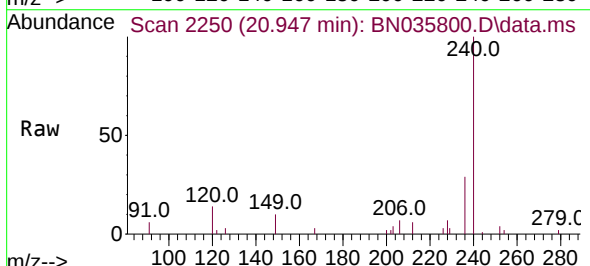
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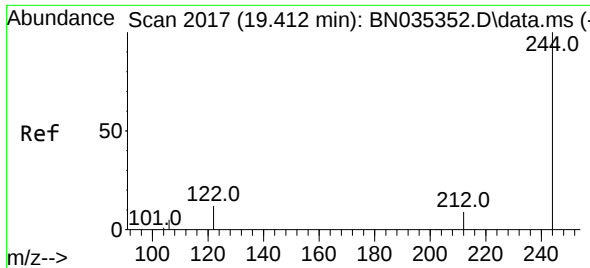
Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/26/2024



#29
Chrysene-d12
Concen: 0.400 ng
RT: 20.947 min Scan# 2250
Delta R.T. -0.009 min
Lab File: BN035800.D
Acq: 24 Dec 2024 01:49

Tgt Ion:240 Resp: 7907
Ion Ratio Lower Upper
240 100
120 14.4 7.9 11.9#
236 29.5 22.9 34.3





#31
 Terphenyl-d14
 Concen: 0.587 ng
 RT: 19.379 min Scan# 2017
 Delta R.T. -0.009 min
 Lab File: BN035800.D
 Acq: 24 Dec 2024 01:49

Instrument :

BNA_N

ClientSampleId :

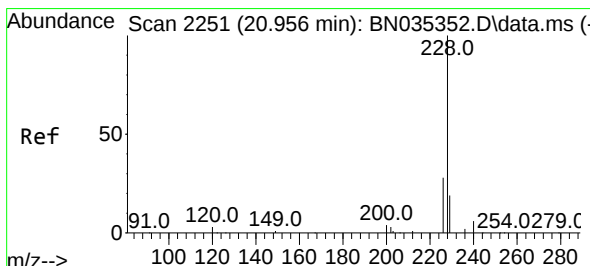
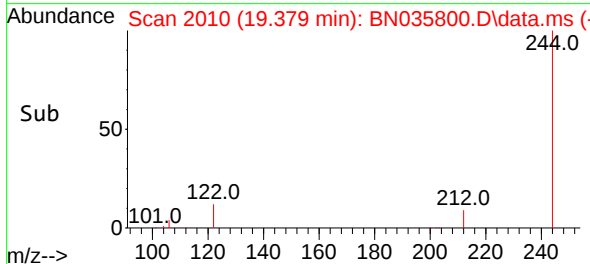
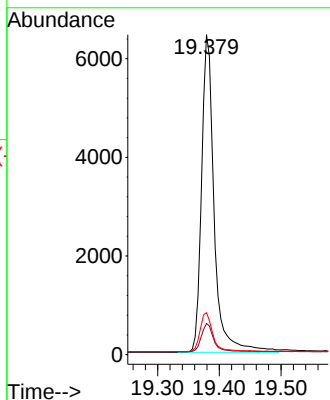
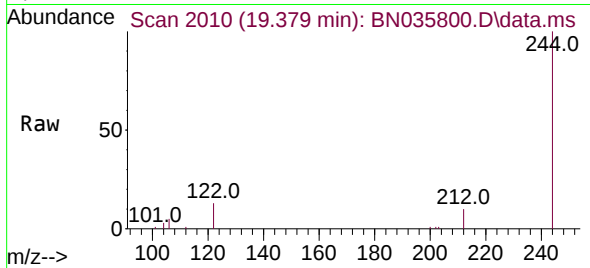
FB02-20241213

Tgt Ion:244 Resp: 9150
 Ion Ratio Lower Upper
 244 100
 212 9.7 8.1 12.1
 122 13.1 10.3 15.5

Manual Integrations

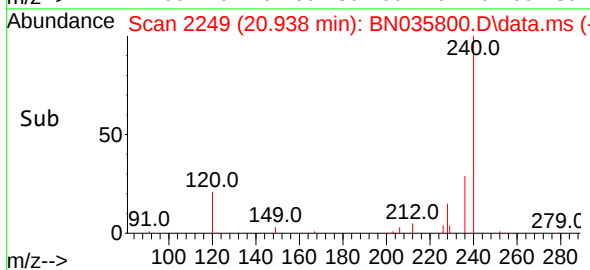
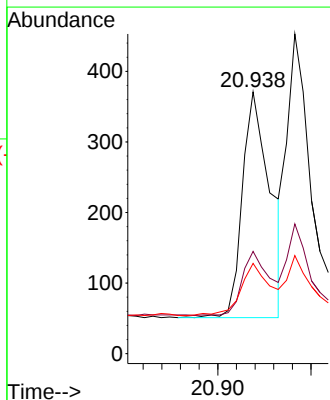
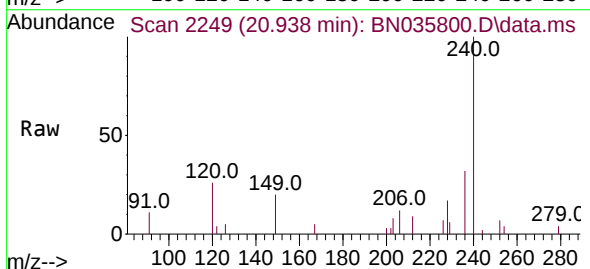
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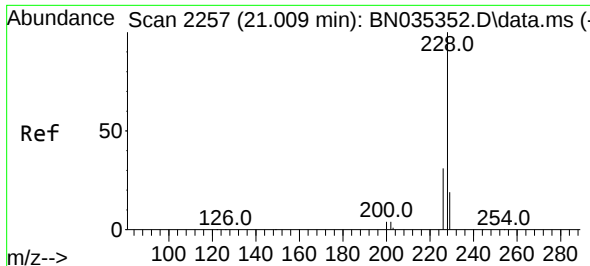
Reviewed By :Yogesh Patel 12/24/2024
 Supervised By :mohammad ahmed 12/26/2024



#32
 Benzo(a)anthracene
 Concen: 0.024 ng
 RT: 20.938 min Scan# 2249
 Delta R.T. -0.000 min
 Lab File: BN035800.D
 Acq: 24 Dec 2024 01:49

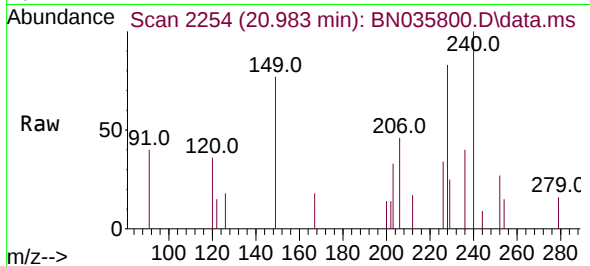
Tgt Ion:228 Resp: 660
 Ion Ratio Lower Upper
 228 100
 226 39.1 22.5 33.7#
 229 34.5 15.8 23.8#





#33
Chrysene
Concen: 0.027 ng
RT: 20.983 min Scan# 2100
Delta R.T. -0.009 min
Lab File: BN035800.D
Acq: 24 Dec 2024 01:49

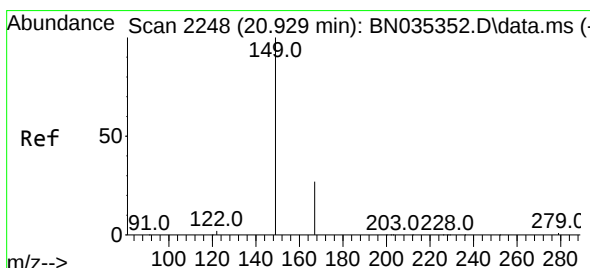
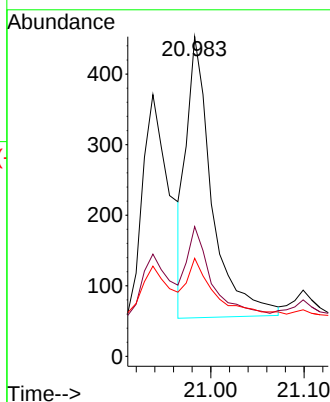
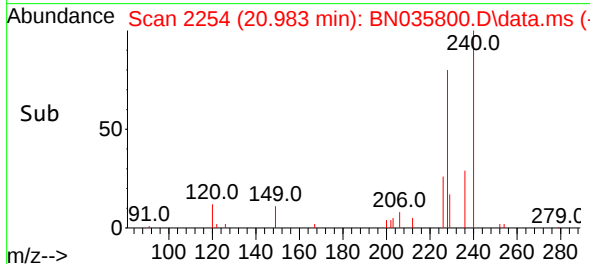
Instrument :
BNA_N
ClientSampleId :
FB02-20241213



Tgt Ion:228 Resp: 750
Ion Ratio Lower Upper
228 100
226 40.6 24.6 37.0
229 30.7 15.9 23.9

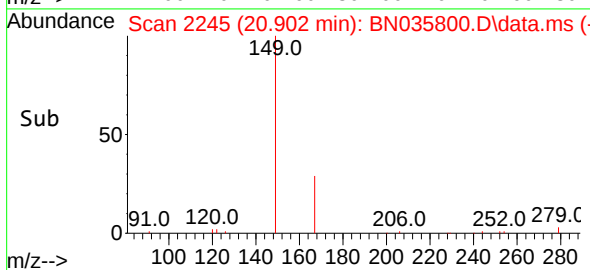
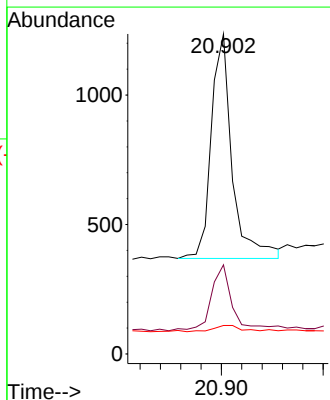
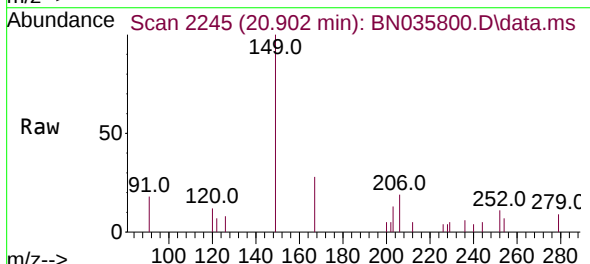
Manual Integrations
APPROVED

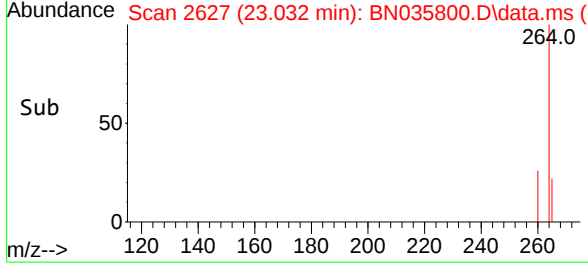
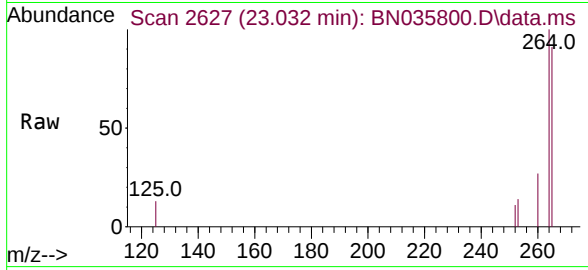
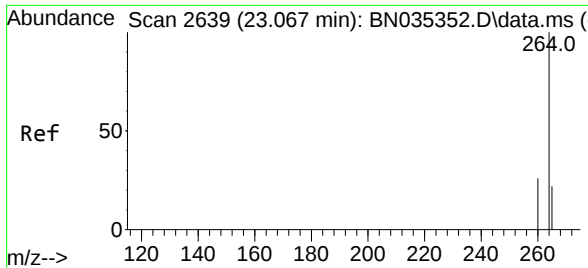
Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/26/2024



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.113 ng
RT: 20.902 min Scan# 2245
Delta R.T. -0.009 min
Lab File: BN035800.D
Acq: 24 Dec 2024 01:49

Tgt Ion:149 Resp: 1232
Ion Ratio Lower Upper
149 100
167 30.4 22.2 33.4
279 3.7 2.7 4.1





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.032 min Scan# 20
Delta R.T. -0.009 min
Lab File: BN035800.D
Acq: 24 Dec 2024 01:49

Instrument :
BNA_N
ClientSampleId :
FB02-20241213

Tgt Ion:264 Resp: 7434
Ion Ratio Lower Upper
264 100
260 27.1 21.4 32.2
265 90.9 40.2 60.4

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/26/2024

