

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122324\
 Data File : BN035826.D
 Acq On : 24 Dec 2024 17:53
 Operator : RC/JU
 Sample : P5376-13
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE117D2-20241218

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/25/2024
 Supervised By :mohammad ahmed 12/26/2024

Quant Time: Dec 24 23:20:19 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	3378	0.400	ng	0.00
7) Naphthalene-d8	10.009	136	7925	0.400	ng	#-0.01
13) Acenaphthene-d10	13.924	164	4973	0.400	ng	-0.01
19) Phenanthrene-d10	16.698	188	10383	0.400	ng	# 0.00
29) Chrysene-d12	20.947	240	8532	0.400	ng	# 0.00
35) Perylene-d12	23.029	264	8295	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	4.924	112	971	0.115	ng	-0.01
5) Phenol-d6	6.477	99	466	0.046	ng	-0.01
8) Nitrobenzene-d5	8.408	82	1954m	0.404	ng	0.00
11) 2-Methylnaphthalene-d10	11.610	152	4563	0.368	ng	-0.01
14) 2,4,6-Tribromophenol	15.442	330	723	0.205	ng	-0.01
15) 2-Fluorobiphenyl	12.528	172	7227	0.384	ng	-0.02
27) Fluoranthene-d10	18.747	212	12295	0.418	ng	-0.01
31) Terphenyl-d14	19.379	244	9489	0.564	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.052	128	457	0.022	ng	# 56
28) Fluoranthene	18.780	202	782	0.020	ng	# 95
30) Pyrene	19.151	202	811	0.026	ng	98
34) Bis(2-ethylhexyl)phtha...	20.893	149	1313	0.111	ng	93

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

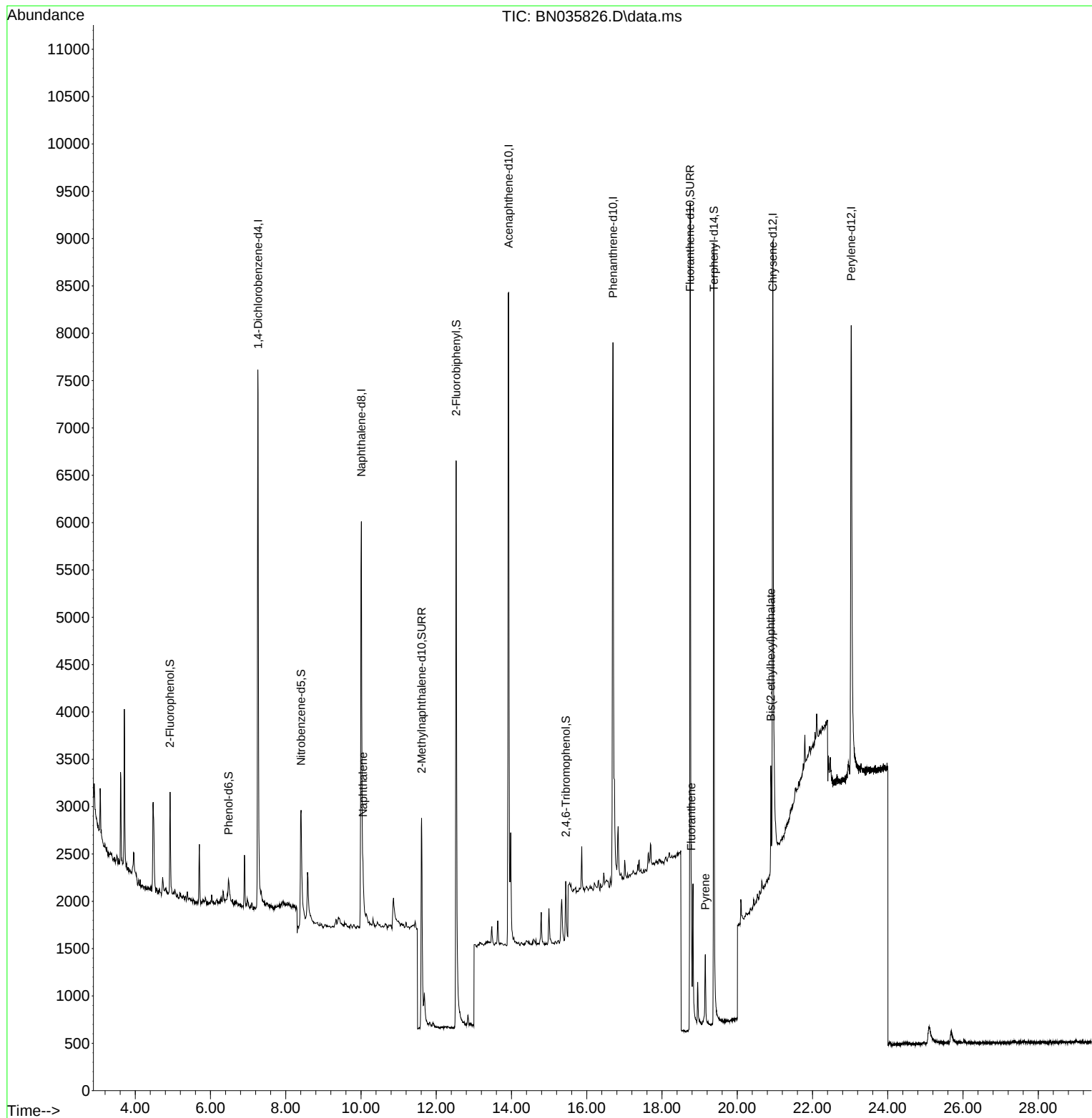
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122324\
Data File : BN035826.D
Acq On : 24 Dec 2024 17:53
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Quant Time: Dec 24 23:20:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 19 23:06:19 2024
Response via : Initial Calibration

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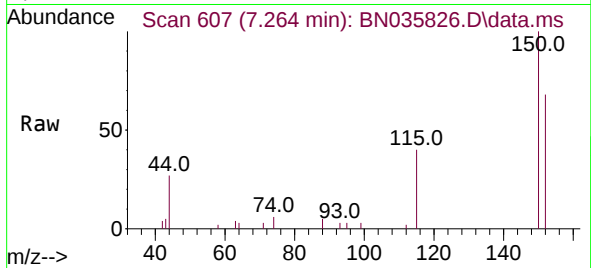
Reviewed By :Yogesh Patel 12/25/2024
Supervised By :mohammad ahmed 12/26/2024





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.264 min Scan# 607
Delta R.T. -0.008 min
Lab File: BN035826.D
Acq: 24 Dec 2024 17:53

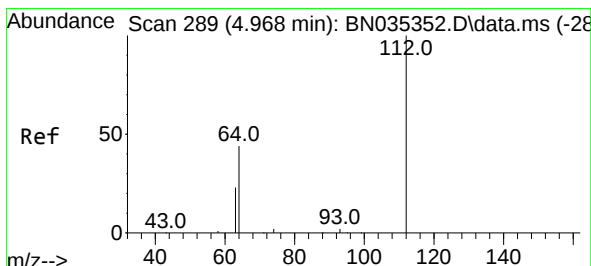
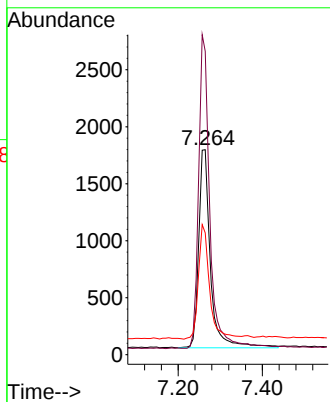
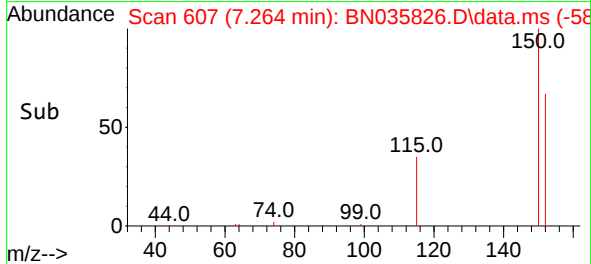
Instrument :
BNA_N
ClientSampleId :
RE117D2-20241218



Tgt Ion:152 Resp: 3378
Ion Ratio Lower Upper
152 100
150 148.1 124.0 186.0
115 59.4 49.6 74.4

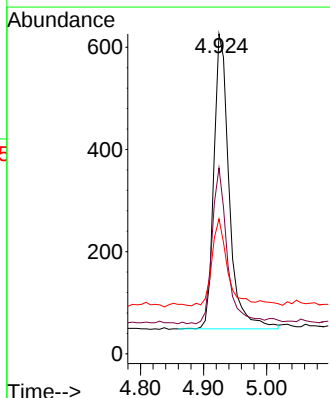
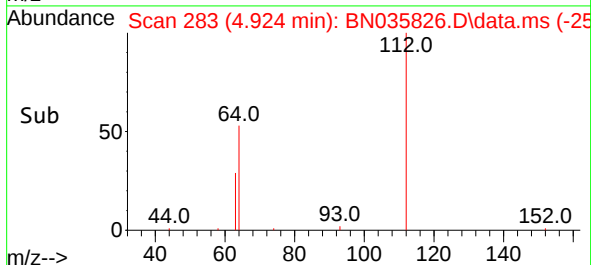
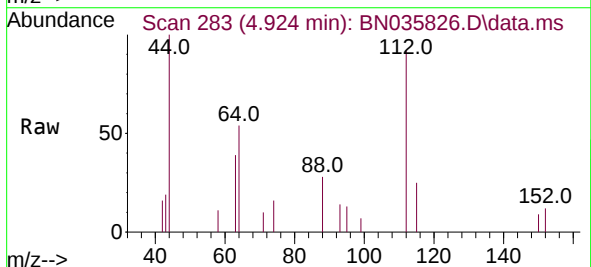
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#4
2-Fluorophenol
Concen: 0.115 ng
RT: 4.924 min Scan# 283
Delta R.T. -0.015 min
Lab File: BN035826.D
Acq: 24 Dec 2024 17:53

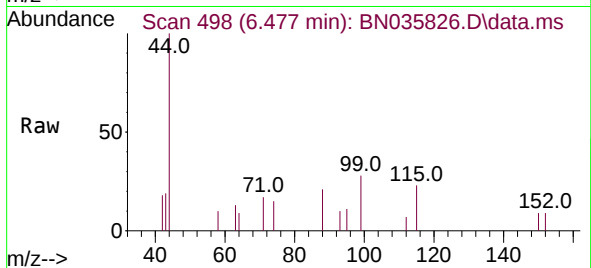
Tgt Ion:112 Resp: 971
Ion Ratio Lower Upper
112 100
64 52.3 39.8 59.8
63 29.4 21.0 31.6





#5
Phenol-d6
Concen: 0.046 ng
RT: 6.477 min Scan# 498
Delta R.T. -0.015 min
Lab File: BN035826.D
Acq: 24 Dec 2024 17:53

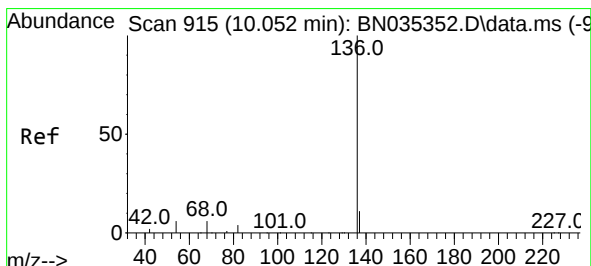
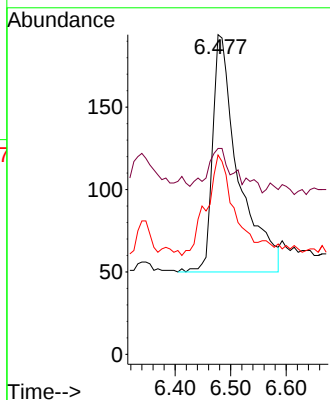
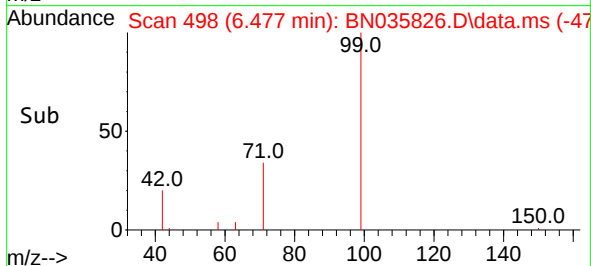
Instrument :
BNA_N
ClientSampleId :
RE117D2-20241218



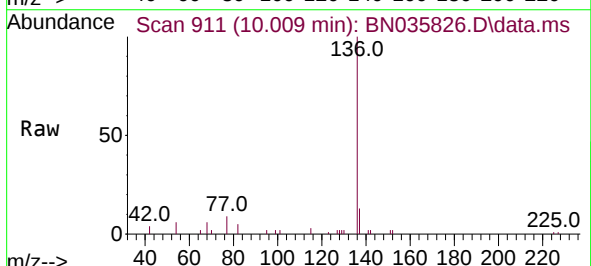
Tgt Ion: 99 Resp: 460
Ion Ratio Lower Upper
99 100
42 20.2 11.4 17.2
71 44.6 29.3 43.9

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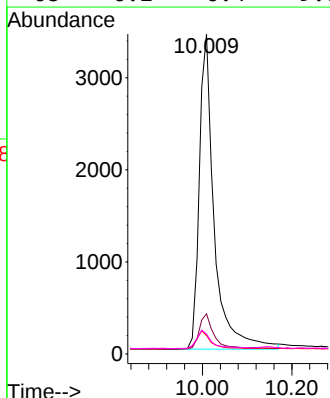
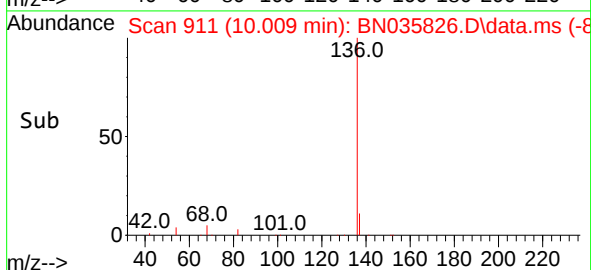
Reviewed By :Yogesh Patel 12/25/2024
Supervised By :mohammad ahmed 12/26/2024



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.009 min Scan# 911
Delta R.T. -0.011 min
Lab File: BN035826.D
Acq: 24 Dec 2024 17:53



Tgt Ion:136 Resp: 7925
Ion Ratio Lower Upper
136 100
137 12.5 10.2 15.2
54 5.8 6.1 9.1#
68 6.2 6.4 9.6#





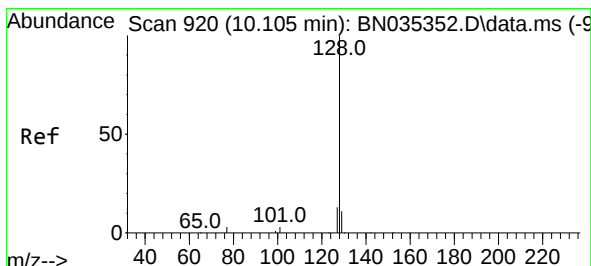
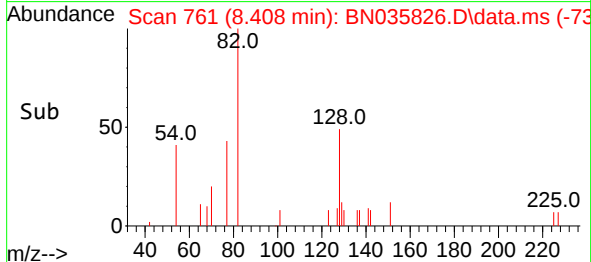
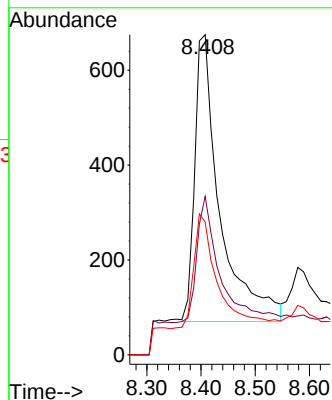
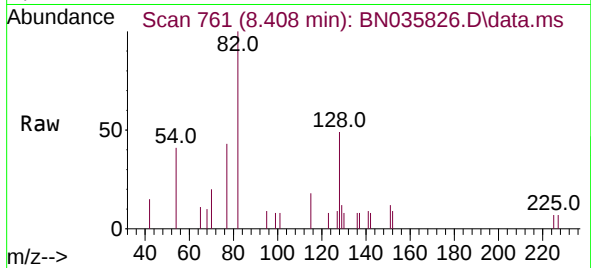
#8
Nitrobenzene-d5
Concen: 0.404 ng m
RT: 8.408 min Scan# 764
Delta R.T. -0.000 min
Lab File: BN035826.D
Acq: 24 Dec 2024 17:53

Instrument :
BNA_N
ClientSampleId :
RE117D2-20241218

Tgt Ion: 82 Resp: 1954
Ion Ratio Lower Upper
82 100
128 49.5 33.4 50.0
54 41.5 36.7 55.1

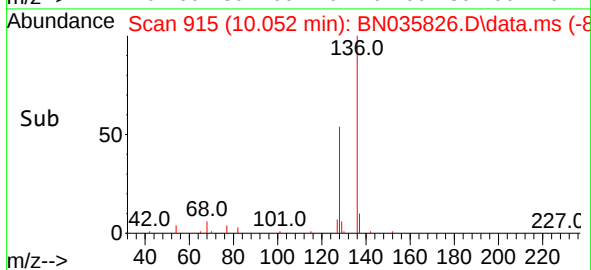
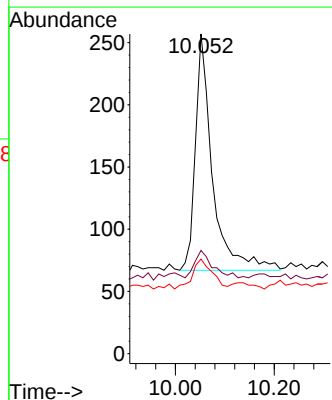
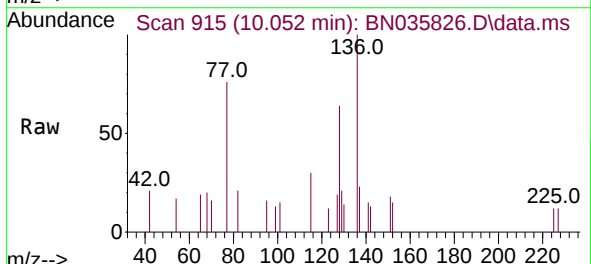
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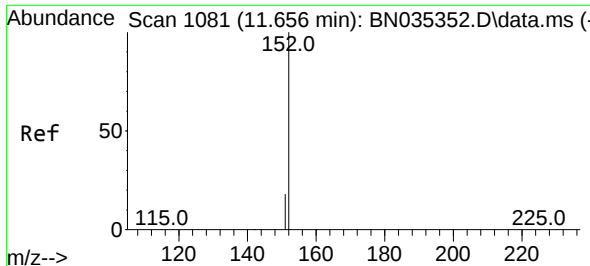
Reviewed By :Yogesh Patel 12/25/2024
Supervised By :mohammad ahmed 12/26/2024



#9
Naphthalene
Concen: 0.022 ng
RT: 10.052 min Scan# 915
Delta R.T. -0.011 min
Lab File: BN035826.D
Acq: 24 Dec 2024 17:53

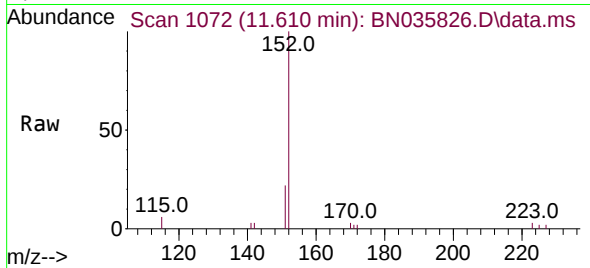
Tgt Ion:128 Resp: 457
Ion Ratio Lower Upper
128 100
129 32.3 9.8 14.6#
127 29.6 11.4 17.2#





#11
2-Methylnaphthalene-d10
Concen: 0.368 ng
RT: 11.610 min Scan# 1081
Delta R.T. -0.010 min
Lab File: BN035826.D
Acq: 24 Dec 2024 17:53

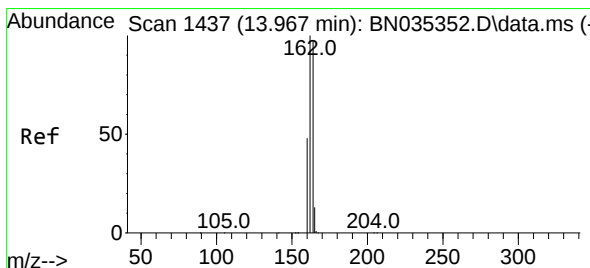
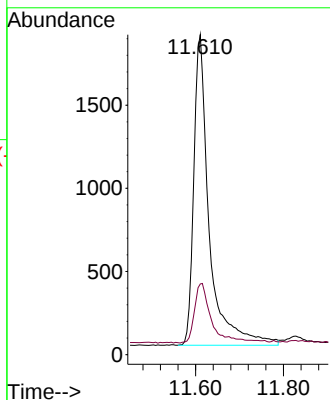
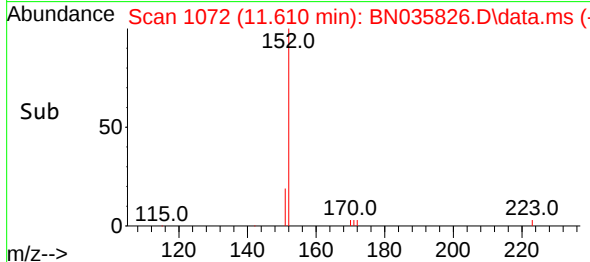
Instrument :
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ClientSampleId :
RE117D2-20241218



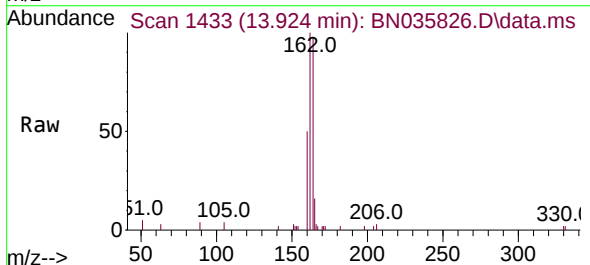
Tgt Ion:152 Resp: 456
Ion Ratio Lower Upper
152 100
151 21.5 16.6 25.0

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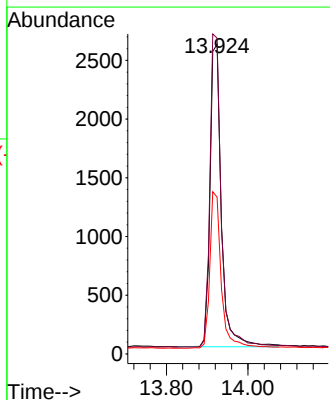
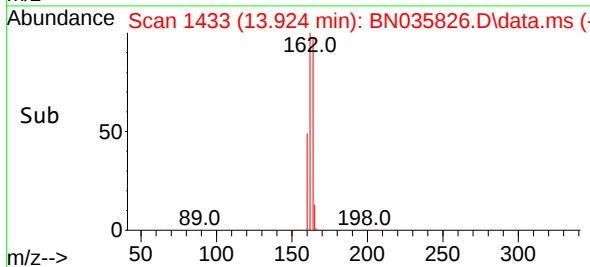
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Supervised By :mohammad ahmed 12/26/2024



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 13.924 min Scan# 1433
Delta R.T. -0.011 min
Lab File: BN035826.D
Acq: 24 Dec 2024 17:53



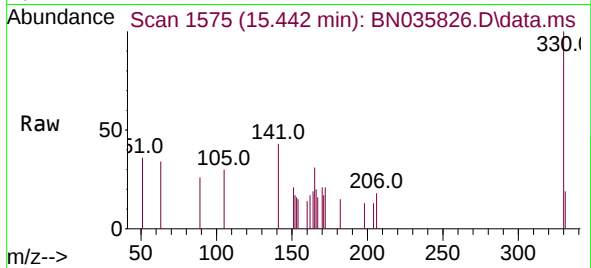
Tgt Ion:164 Resp: 4973
Ion Ratio Lower Upper
164 100
162 102.0 82.2 123.2
160 50.6 40.1 60.1





#14
2,4,6-Tribromophenol
Concen: 0.205 ng
RT: 15.442 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN035826.D
Acq: 24 Dec 2024 17:53

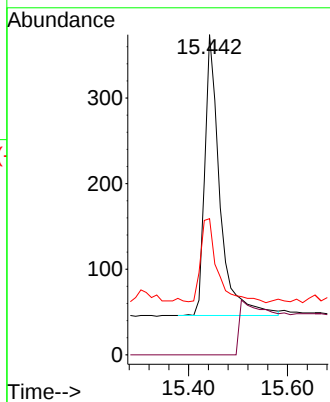
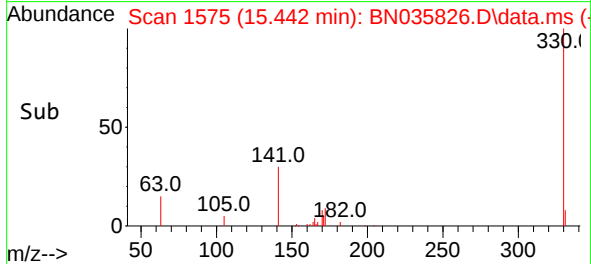
Instrument :
BNA_N
ClientSampleId :
RE117D2-20241218



Tgt Ion:330 Resp: 723
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 33.2 26.6 40.0

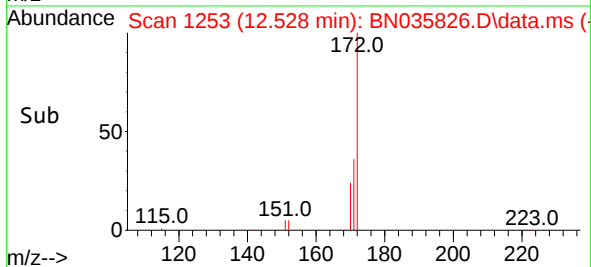
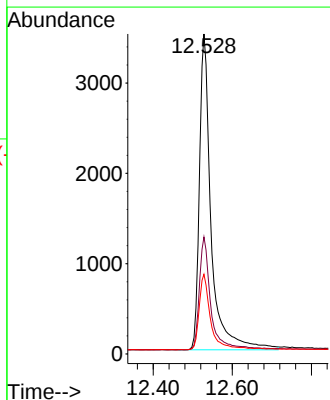
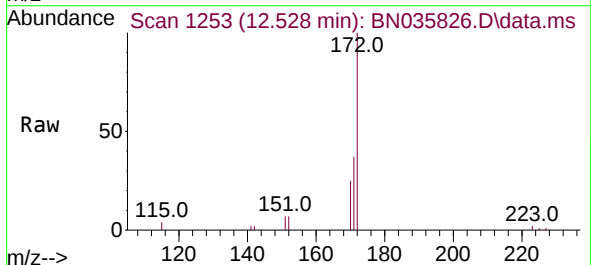
Manual Integrations
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#15
2-Fluorobiphenyl
Concen: 0.384 ng
RT: 12.528 min Scan# 1253
Delta R.T. -0.015 min
Lab File: BN035826.D
Acq: 24 Dec 2024 17:53

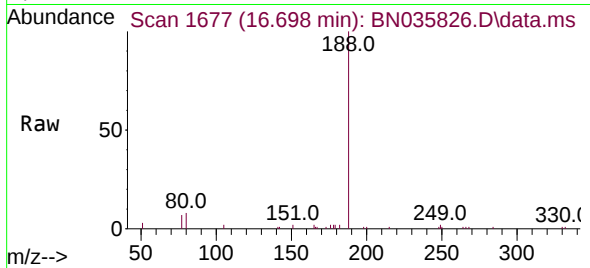
Tgt Ion:172 Resp: 7227
Ion Ratio Lower Upper
172 100
171 36.6 29.0 43.4
170 24.9 19.8 29.8





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.698 min Scan# 1038
Delta R.T. -0.000 min
Lab File: BN035826.D
Acq: 24 Dec 2024 17:53

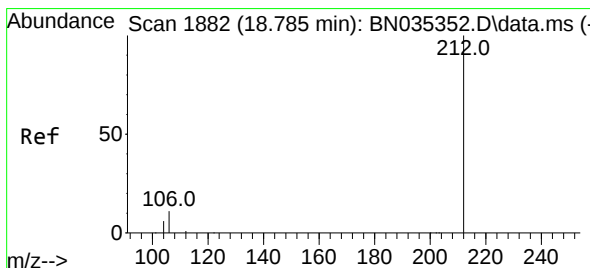
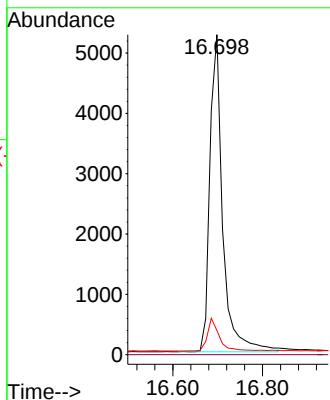
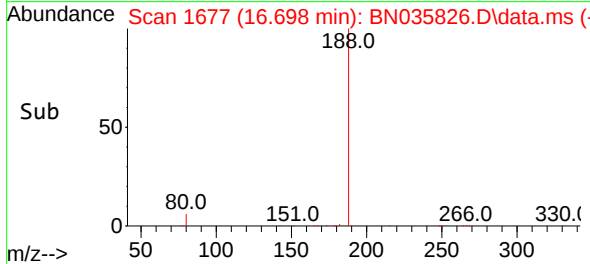
Instrument :
BNA_N
ClientSampleId :
RE117D2-20241218



Tgt Ion:188 Resp: 1038
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.6 4.6 6.8

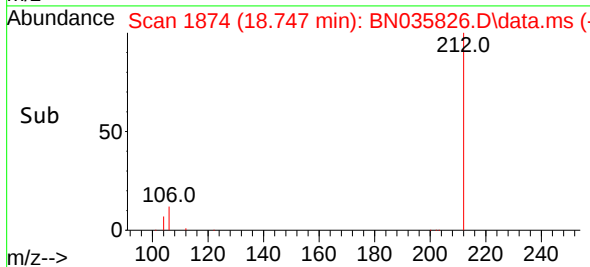
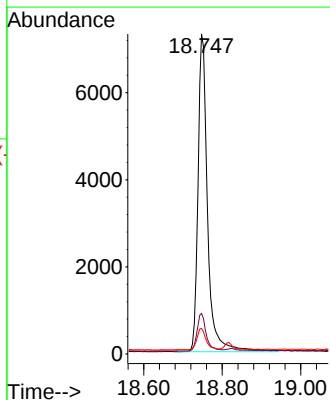
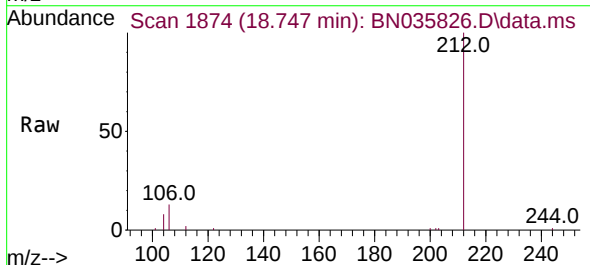
Manual Integrations
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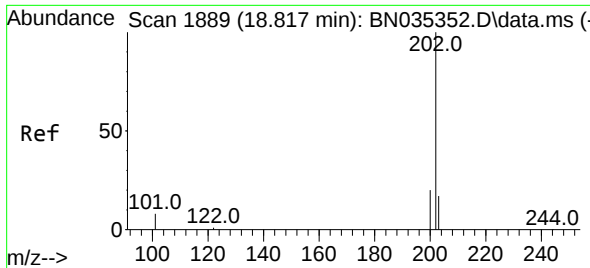
Reviewed By :Yogesh Patel 12/25/2024
Supervised By :mohammad ahmed 12/26/2024



#27
Fluoranthene-d10
Concen: 0.418 ng
RT: 18.747 min Scan# 1874
Delta R.T. -0.014 min
Lab File: BN035826.D
Acq: 24 Dec 2024 17:53

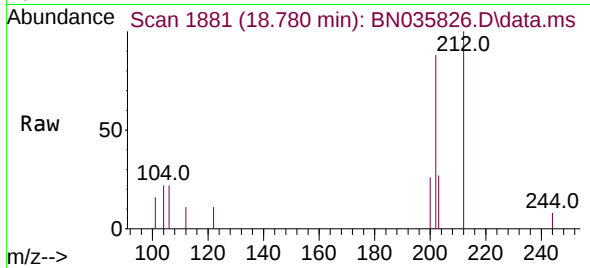
Tgt Ion:212 Resp: 12295
Ion Ratio Lower Upper
212 100
106 11.2 9.2 13.8
104 6.3 5.3 7.9





#28
Fluoranthene
Concen: 0.020 ng
RT: 18.780 min Scan# 11
Delta R.T. -0.010 min
Lab File: BN035826.D
Acq: 24 Dec 2024 17:53

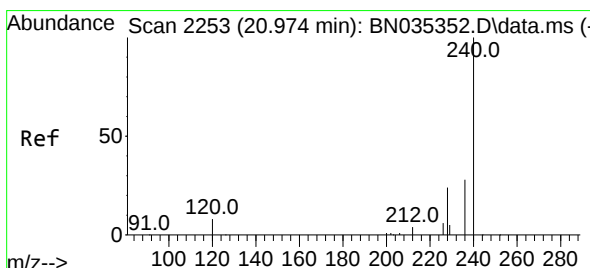
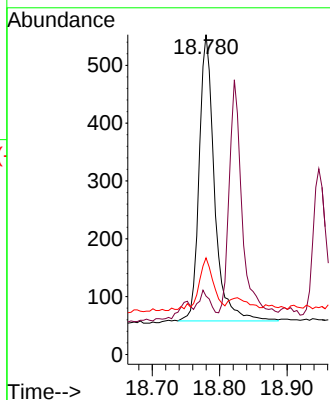
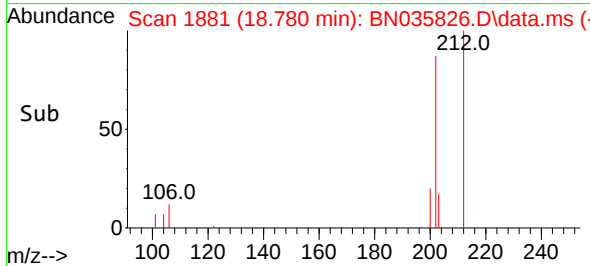
Instrument :
BNA_N
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RE117D2-20241218



Tgt Ion:202 Resp: 782
Ion Ratio Lower Upper
202 100
101 5.5 7.4 11.0#
203 18.2 13.7 20.5

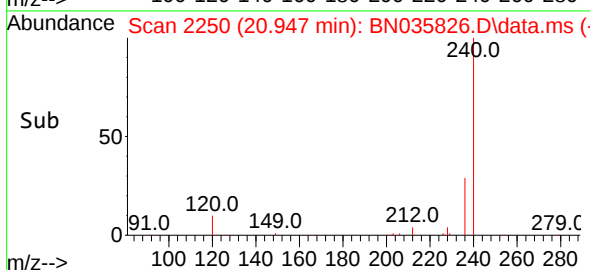
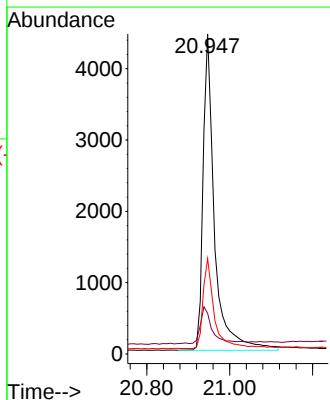
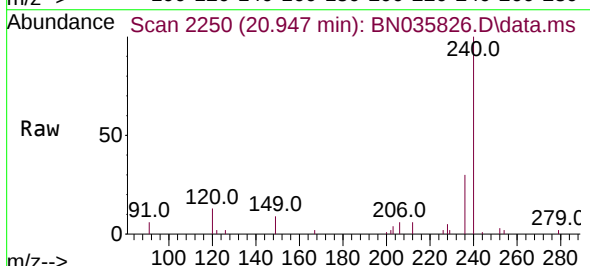
Manual Integrations
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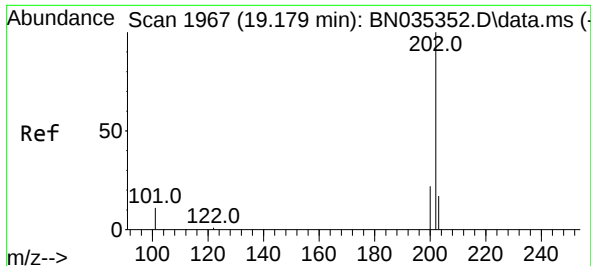
Reviewed By :Yogesh Patel 12/25/2024
Supervised By :mohammad ahmed 12/26/2024



#29
Chrysene-d12
Concen: 0.400 ng
RT: 20.947 min Scan# 2250
Delta R.T. -0.009 min
Lab File: BN035826.D
Acq: 24 Dec 2024 17:53

Tgt Ion:240 Resp: 8532
Ion Ratio Lower Upper
240 100
120 12.7 7.9 11.9#
236 29.8 22.9 34.3





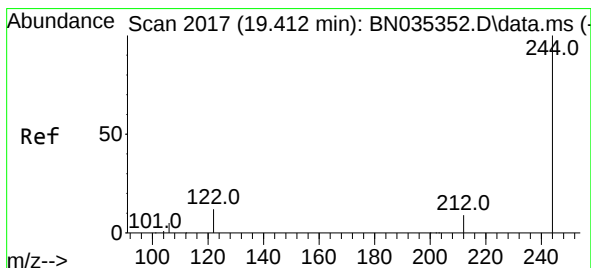
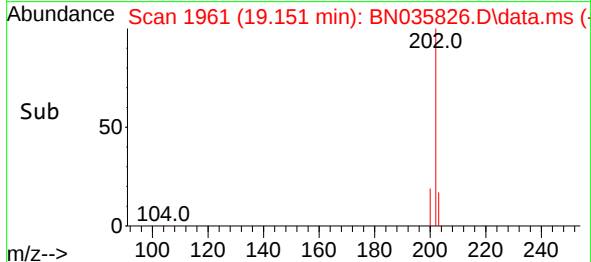
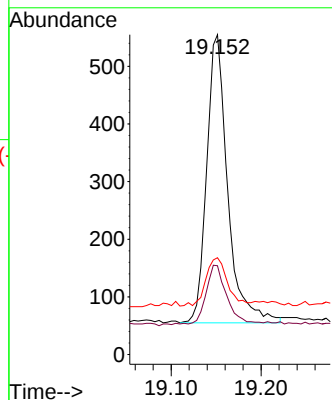
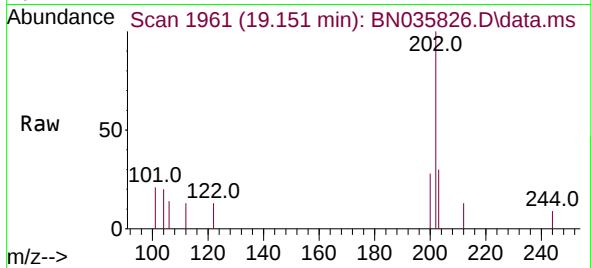
#30
Pyrene
Concen: 0.026 ng
RT: 19.151 min Scan# 1910
Delta R.T. -0.010 min
Lab File: BN035826.D
Acq: 24 Dec 2024 17:53

Instrument :
BNA_N
ClientSampleId :
RE117D2-20241218

Tgt Ion:202 Resp: 81
Ion Ratio Lower Upper
202 100
200 20.8 17.0 25.4
203 16.8 14.3 21.5

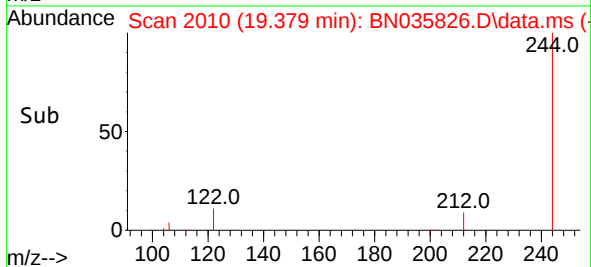
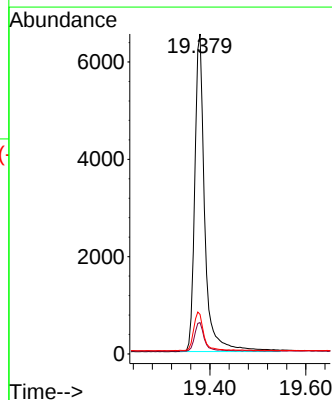
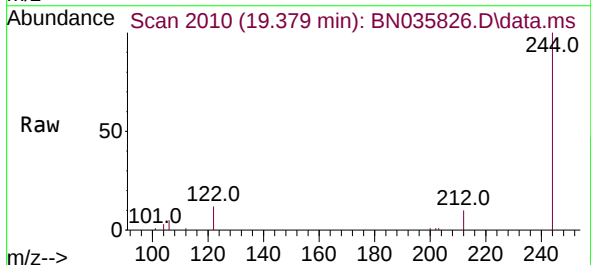
Manual Integrations
APPROVED

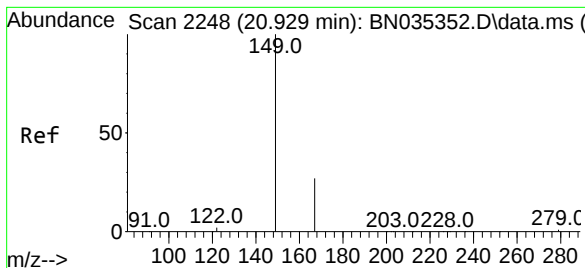
Reviewed By :Yogesh Patel 12/25/2024
Supervised By :mohammad ahmed 12/26/2024



#31
Terphenyl-d14
Concen: 0.564 ng
RT: 19.379 min Scan# 2010
Delta R.T. -0.010 min
Lab File: BN035826.D
Acq: 24 Dec 2024 17:53

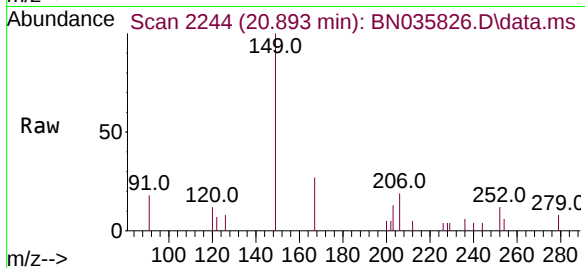
Tgt Ion:244 Resp: 9489
Ion Ratio Lower Upper
244 100
212 9.8 8.1 12.1
122 12.3 10.3 15.5





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.111 ng
RT: 20.893 min Scan# 211
Delta R.T. -0.018 min
Lab File: BN035826.D
Acq: 24 Dec 2024 17:53

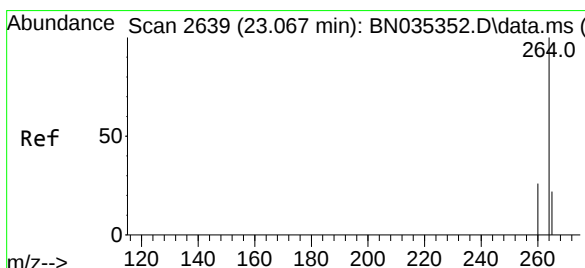
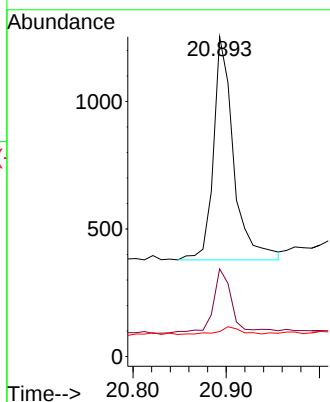
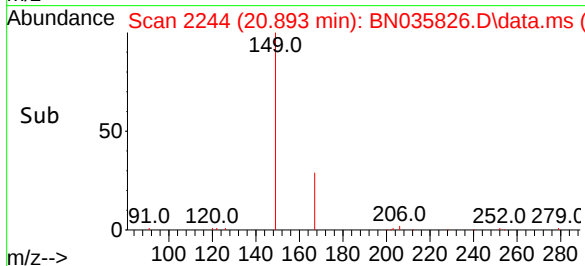
Instrument :
BNA_N
ClientSampleId :
RE117D2-20241218



Tgt Ion:149 Resp: 131
Ion Ratio Lower Upper
149 100
167 23.5 22.2 33.4
279 3.8 2.7 4.1

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/25/2024
Supervised By :mohammad ahmed 12/26/2024



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.029 min Scan# 2626
Delta R.T. -0.012 min
Lab File: BN035826.D
Acq: 24 Dec 2024 17:53

Tgt Ion:264 Resp: 8295
Ion Ratio Lower Upper
264 100
260 27.5 21.4 32.2
265 84.4 40.2 60.4#

