

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122624\
 Data File : BN035859.D
 Acq On : 26 Dec 2024 18:29
 Operator : RC/JU
 Sample : P5284-01DL 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP100-20241212DL

Quant Time: Dec 27 00:42:22 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 12/27/2024
 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	2451	0.400	ng	-0.01
7) Naphthalene-d8	10.009	136	5536	0.400	ng	-0.01
13) Acenaphthene-d10	13.924	164	3750	0.400	ng	-0.01
19) Phenanthrene-d10	16.698	188	8150	0.400	ng	# 0.00
29) Chrysene-d12	20.947	240	6332	0.400	ng	# 0.00
35) Perylene-d12	23.032	264	5817	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.924	112	244	0.040	ng	-0.01
5) Phenol-d6	6.477	99	104	0.014	ng	-0.01
8) Nitrobenzene-d5	8.429	82	500m	0.148	ng	0.02
11) 2-Methylnaphthalene-d10	11.646	152	965	0.111	ng	0.03
14) 2,4,6-Tribromophenol	15.464	330	185	0.069	ng	0.01
15) 2-Fluorobiphenyl	12.549	172	1572	0.111	ng	0.00
27) Fluoranthene-d10	18.752	212	3305	0.143	ng	0.00
31) Terphenyl-d14	19.379	244	2316	0.185	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.974	88	6977	2.978	ng	99
34) Bis(2-ethylhexyl)phtha...	20.893	149	400	0.046	ng	# 90

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

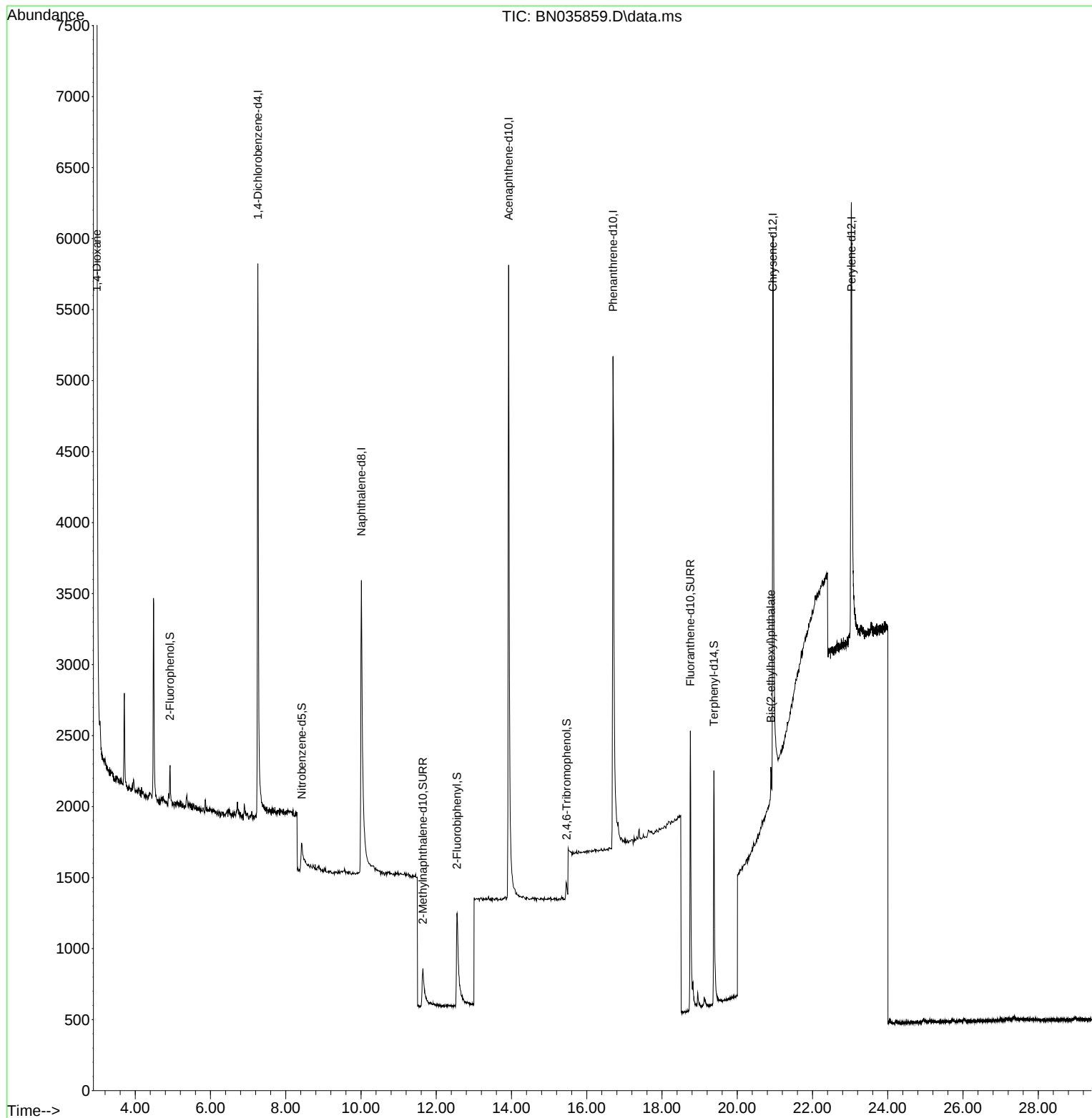
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122624\
Data File : BN035859.D
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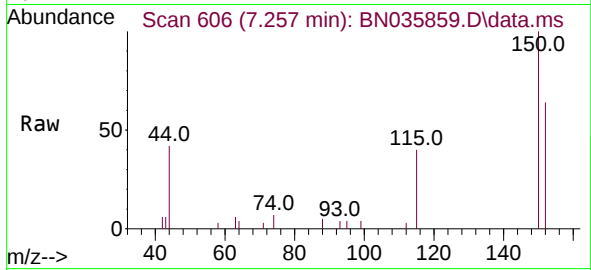
Quant Time: Dec 27 00:42:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 19 23:06:19 2024
Response via : Initial Calibration





#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.257 min Scan# 60
 Delta R.T. -0.015 min
 Lab File: BN035859.D
 Acq: 26 Dec 2024 18:29

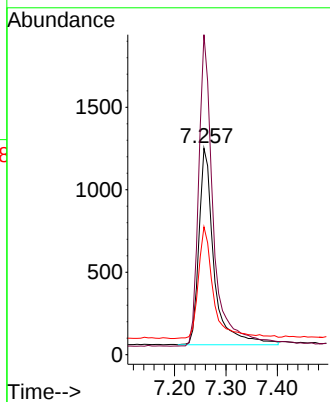
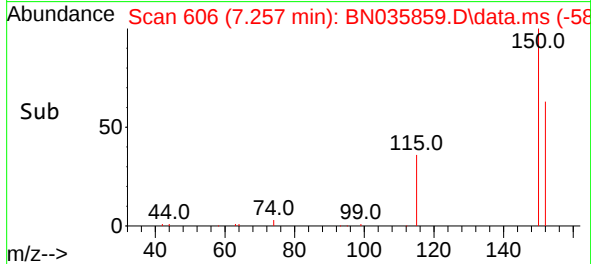
Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP100-20241212DL



Tgt Ion:152 Resp: 245
 Ion Ratio Lower Upper
 152 100
 150 155.1 124.0 186.0
 115 62.0 49.6 74.4

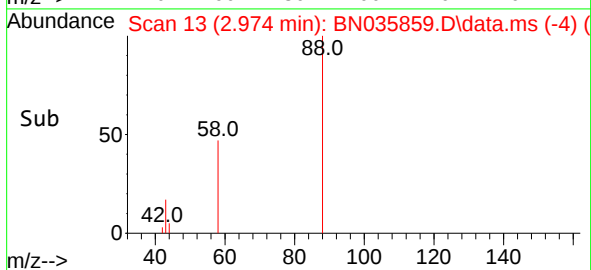
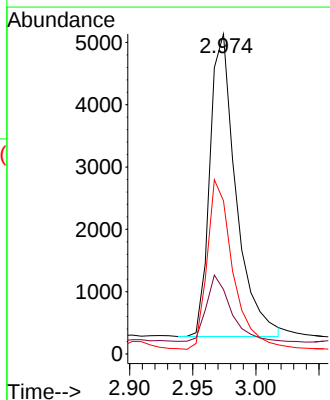
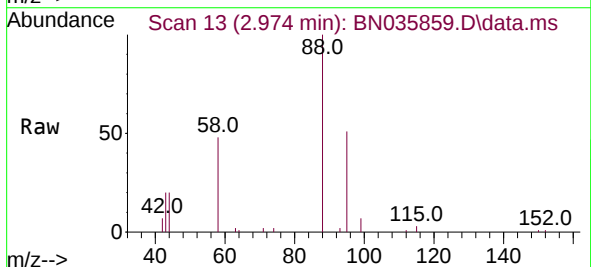
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#2
 1,4-Dioxane
 Concen: 2.978 ng
 RT: 2.974 min Scan# 13
 Delta R.T. -0.008 min
 Lab File: BN035859.D
 Acq: 26 Dec 2024 18:29

Tgt Ion: 88 Resp: 6977
 Ion Ratio Lower Upper
 88 100
 43 20.5 17.2 25.8
 58 54.7 44.5 66.7





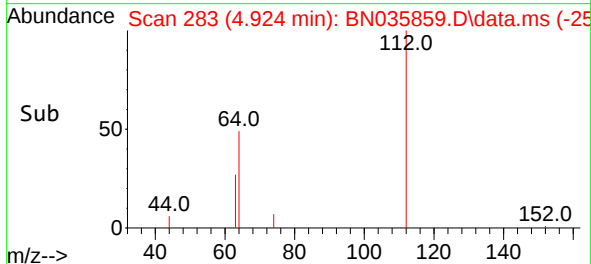
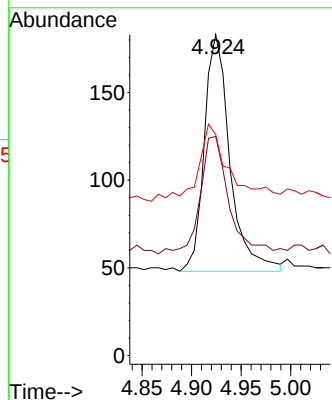
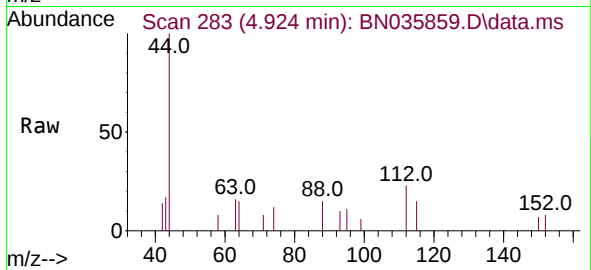
#4
2-Fluorophenol
Concen: 0.040 ng
RT: 4.924 min Scan# 21
Delta R.T. -0.015 min
Lab File: BN035859.D
Acq: 26 Dec 2024 18:29

Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20241212DL

Tgt Ion:112 Resp: 244
Ion Ratio Lower Upper
112 100
64 55.7 39.8 59.8
63 40.2 21.0 31.6

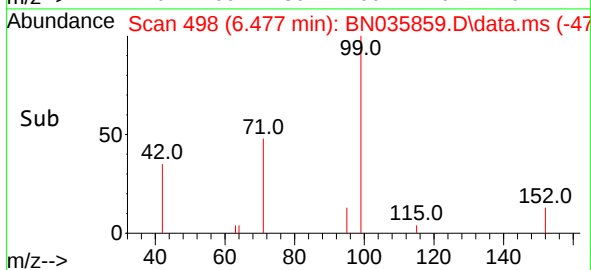
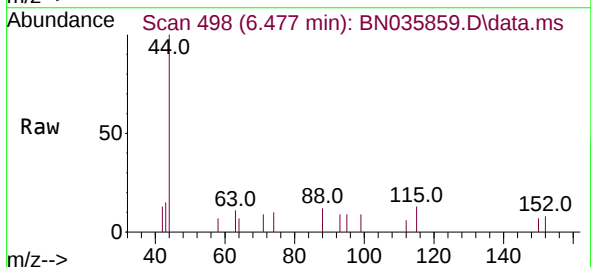
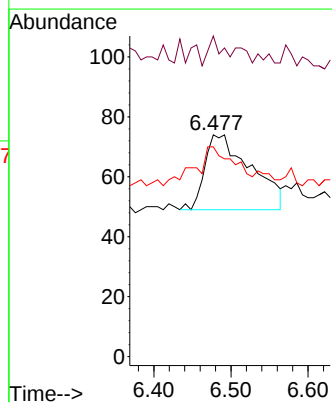
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#5
Phenol-d6
Concen: 0.014 ng
RT: 6.477 min Scan# 498
Delta R.T. -0.015 min
Lab File: BN035859.D
Acq: 26 Dec 2024 18:29

Tgt Ion: 99 Resp: 104
Ion Ratio Lower Upper
99 100
42 11.5 11.4 17.2
71 43.3 29.3 43.9





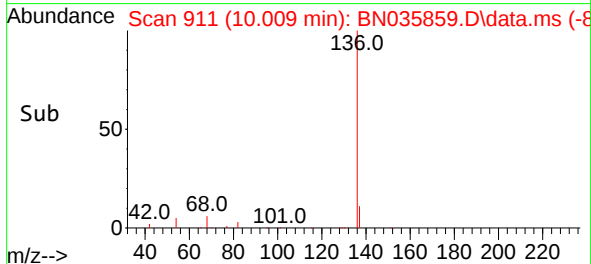
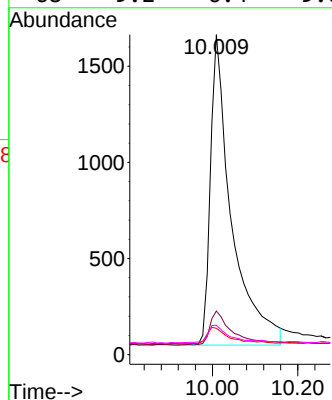
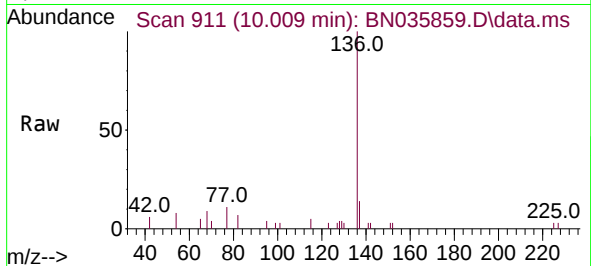
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.009 min Scan# 915
Delta R.T. -0.011 min
Lab File: BN035859.D
Acq: 26 Dec 2024 18:29

Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20241212DL

Tgt Ion:136 Resp: 5530
Ion Ratio Lower Upper
136 100
137 13.6 10.2 15.2
54 8.2 6.1 9.1
68 9.2 6.4 9.6

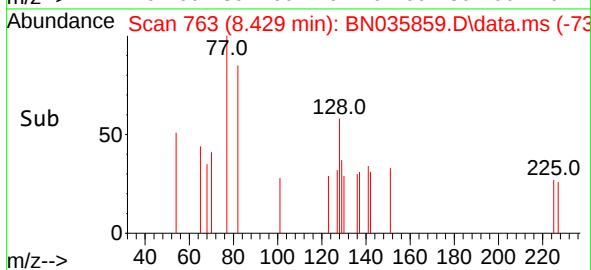
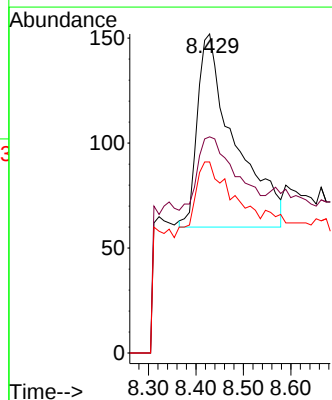
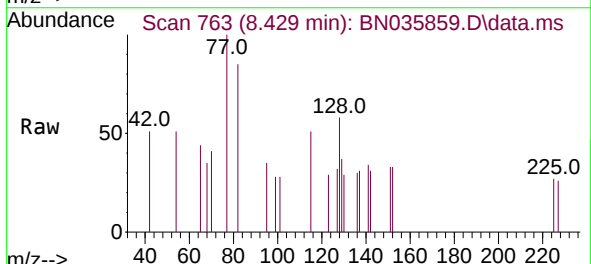
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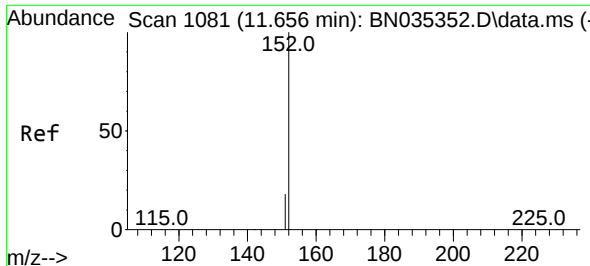
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Supervised By :mohammad ahmed 12/30/2024



#8
Nitrobenzene-d5
Concen: 0.148 ng m
RT: 8.429 min Scan# 763
Delta R.T. 0.021 min
Lab File: BN035859.D
Acq: 26 Dec 2024 18:29

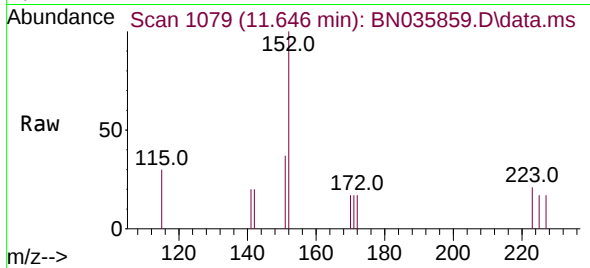
Tgt Ion: 82 Resp: 500
Ion Ratio Lower Upper
82 100
128 67.8 33.4 50.0#
54 59.9 36.7 55.1#





#11
2-Methylnaphthalene-d10
Concen: 0.111 ng
RT: 11.646 min Scan# 1081
Delta R.T. 0.025 min
Lab File: BN035859.D
Acq: 26 Dec 2024 18:29

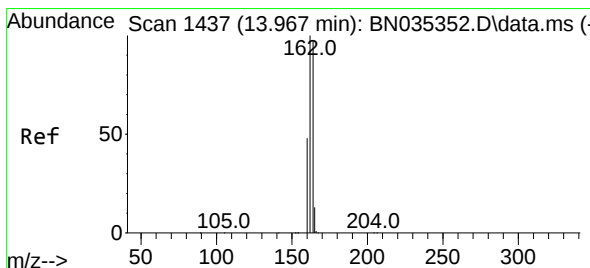
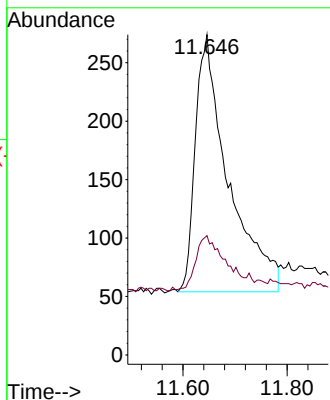
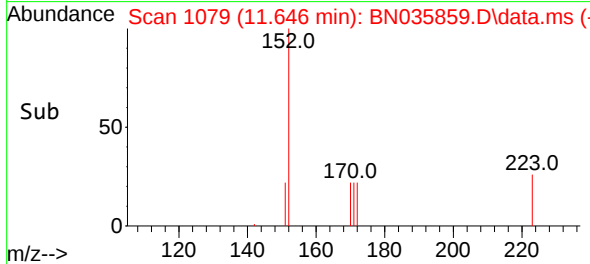
Instrument :
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ClientSampleId :
RW5-SP100-20241212DL



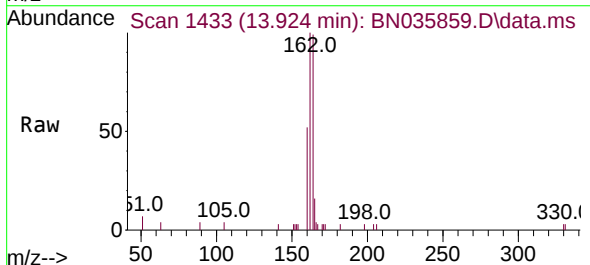
Tgt Ion:152 Resp: 968
Ion Ratio Lower Upper
152 100
151 18.1 16.6 25.0

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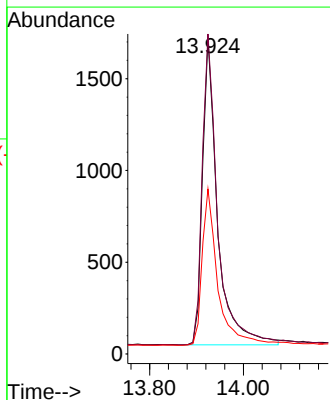
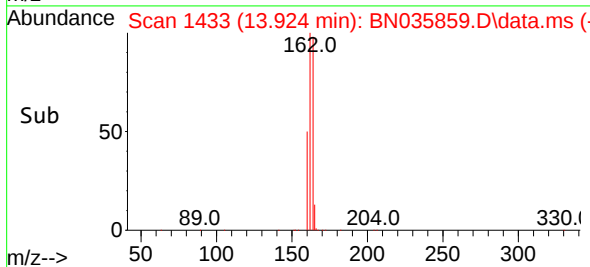
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#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 13.924 min Scan# 1433
Delta R.T. -0.011 min
Lab File: BN035859.D
Acq: 26 Dec 2024 18:29



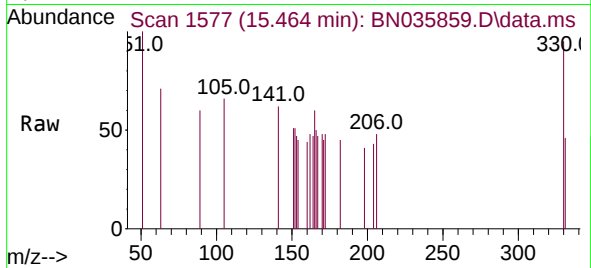
Tgt Ion:164 Resp: 3750
Ion Ratio Lower Upper
164 100
162 101.4 82.2 123.2
160 52.3 40.1 60.1





#14
2,4,6-Tribromophenol
Concen: 0.069 ng
RT: 15.464 min Scan# 11
Delta R.T. 0.011 min
Lab File: BN035859.D
Acq: 26 Dec 2024 18:29

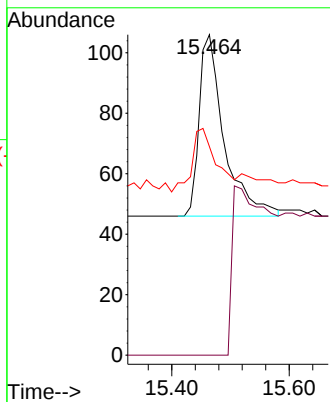
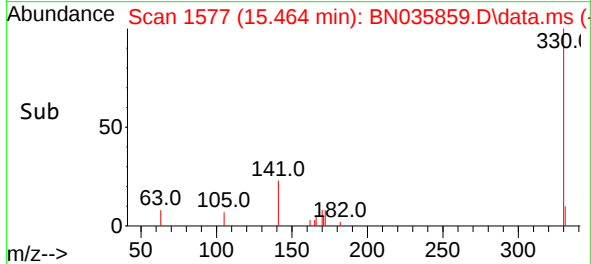
Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20241212DL



Tgt Ion:330 Resp: 185
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 32.4 26.6 40.0

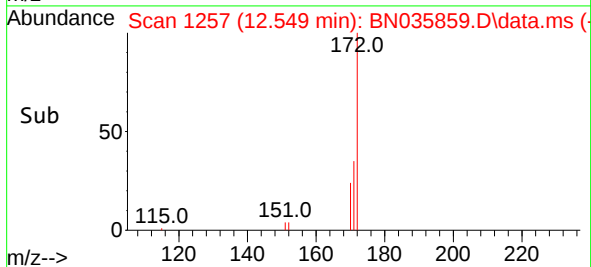
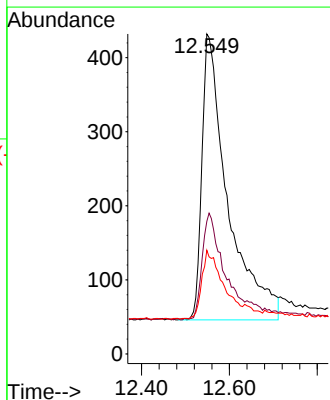
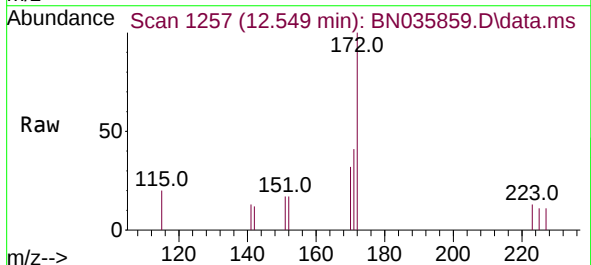
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#15
2-Fluorobiphenyl
Concen: 0.111 ng
RT: 12.549 min Scan# 1257
Delta R.T. 0.005 min
Lab File: BN035859.D
Acq: 26 Dec 2024 18:29

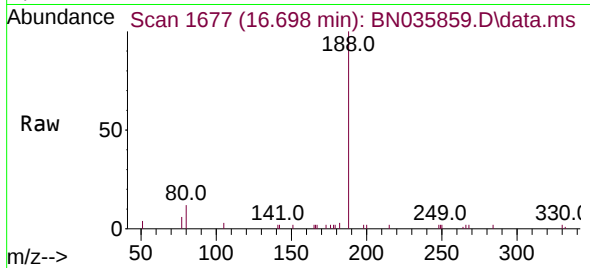
Tgt Ion:172 Resp: 1572
Ion Ratio Lower Upper
172 100
171 41.4 29.0 43.4
170 32.4 19.8 29.8#





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.698 min Scan# 1677
Delta R.T. -0.000 min
Lab File: BN035859.D
Acq: 26 Dec 2024 18:29

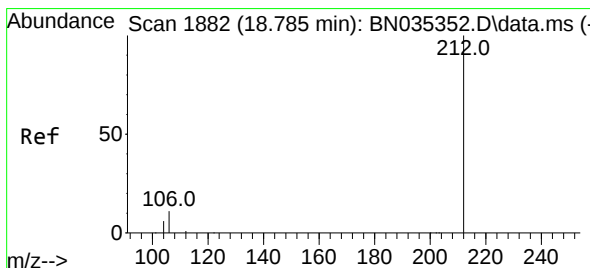
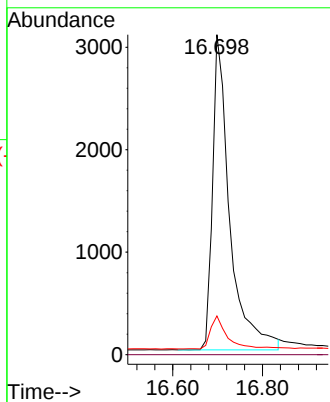
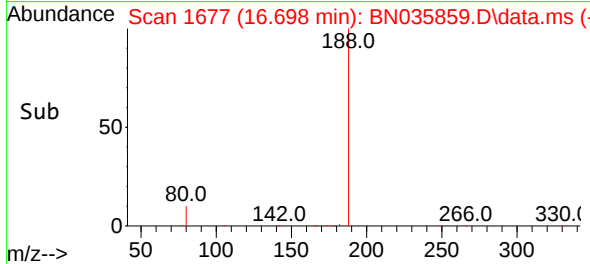
Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20241212DL



Tgt Ion:188 Resp: 8150
Ion Ratio Lower Upper
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94 0.0 0.0 0.0
80 12.1 4.6 6.8

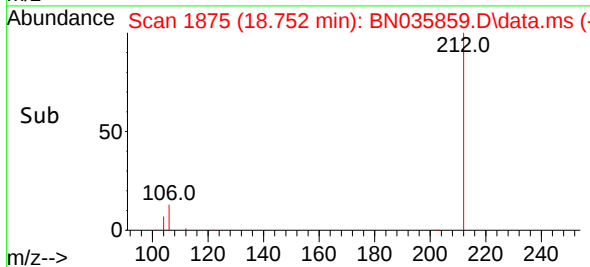
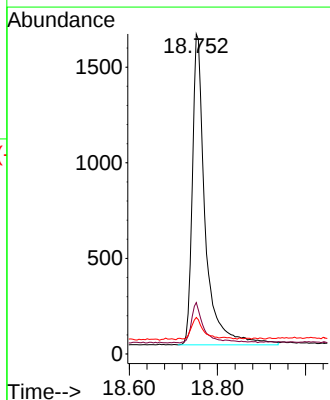
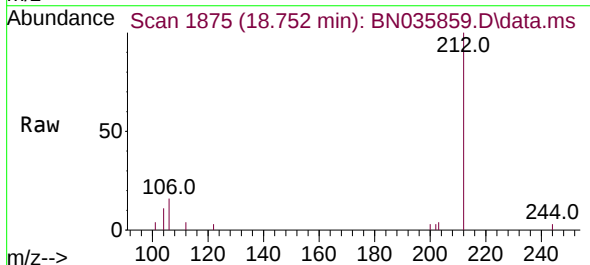
Manual Integrations
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#27
Fluoranthene-d10
Concen: 0.143 ng
RT: 18.752 min Scan# 1875
Delta R.T. -0.009 min
Lab File: BN035859.D
Acq: 26 Dec 2024 18:29

Tgt Ion:212 Resp: 3305
Ion Ratio Lower Upper
212 100
106 11.6 9.2 13.8
104 6.0 5.3 7.9





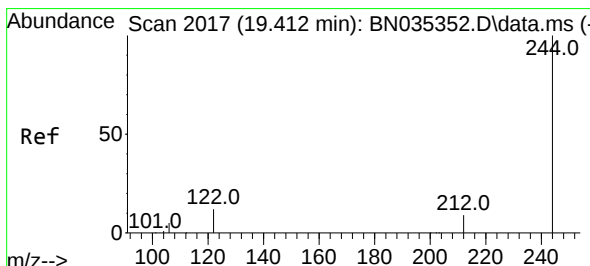
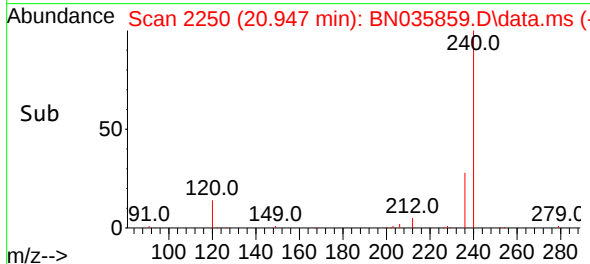
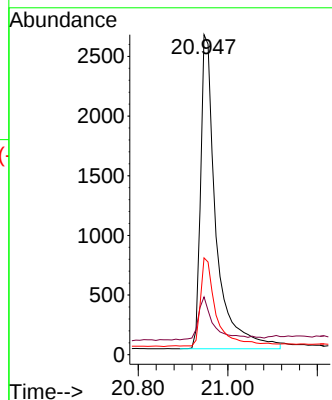
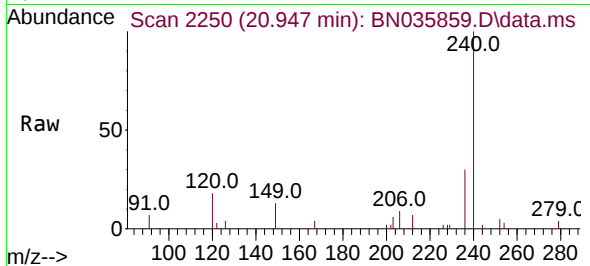
#29
Chrysene-d12
Concen: 0.400 ng
RT: 20.947 min Scan# 2100
Delta R.T. -0.009 min
Lab File: BN035859.D
Acq: 26 Dec 2024 18:29

Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20241212DL

Tgt Ion:240 Resp: 633
Ion Ratio Lower Upper
240 100
120 18.0 7.9 11.9#
236 30.2 22.9 34.3

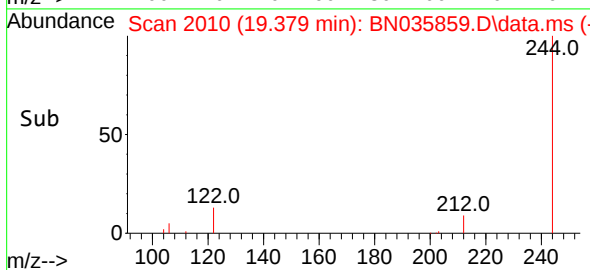
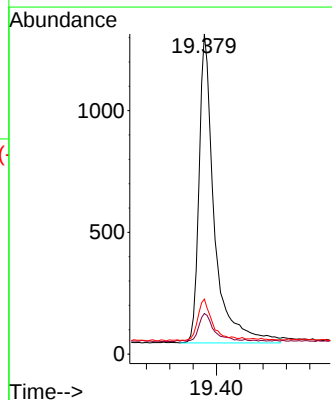
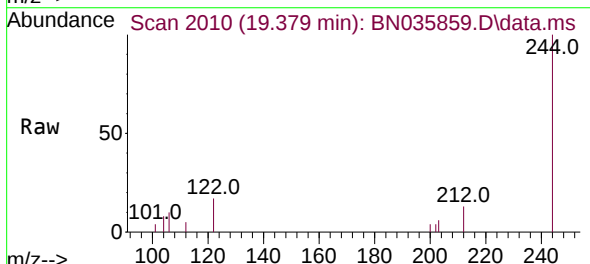
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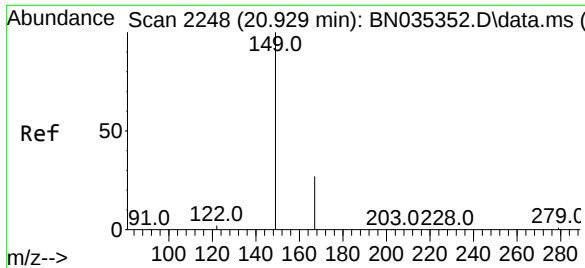
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/30/2024



#31
Terphenyl-d14
Concen: 0.185 ng
RT: 19.379 min Scan# 2010
Delta R.T. -0.009 min
Lab File: BN035859.D
Acq: 26 Dec 2024 18:29

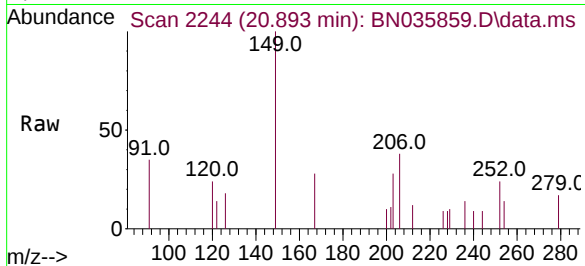
Tgt Ion:244 Resp: 2316
Ion Ratio Lower Upper
244 100
212 12.7 8.1 12.1#
122 17.2 10.3 15.5#





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.046 ng
RT: 20.893 min Scan# 21
Delta R.T. -0.018 min
Lab File: BN035859.D
Acq: 26 Dec 2024 18:29

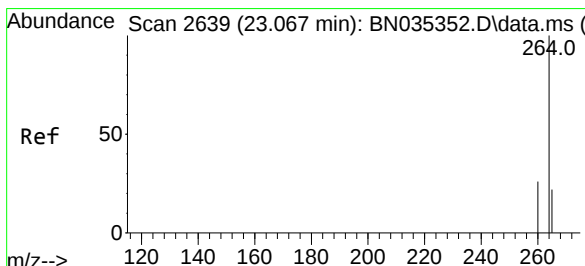
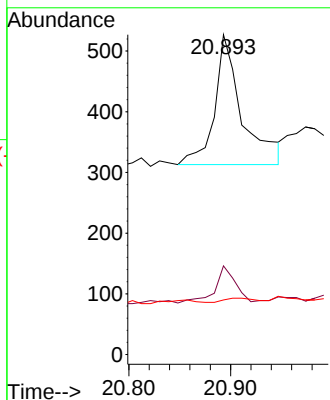
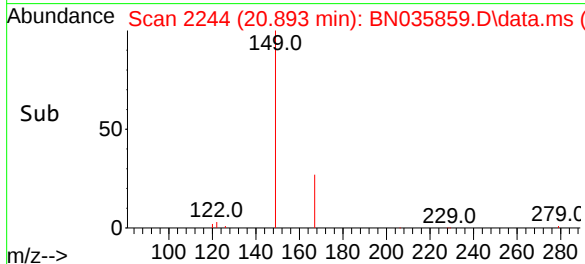
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:149 Resp: 400
Ion Ratio Lower Upper
149 100
167 21.8 22.2 33.4
279 3.5 2.7 4.1

Manual Integrations
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Supervised By :mohammad ahmed 12/30/2024



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.032 min Scan# 2627
Delta R.T. -0.009 min
Lab File: BN035859.D
Acq: 26 Dec 2024 18:29

Tgt Ion:264 Resp: 5817
Ion Ratio Lower Upper
264 100
260 28.3 21.4 32.2
265 114.1 40.2 60.4

