

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120924\
 Data File : BN035517.D
 Acq On : 09 Dec 2024 21:19
 Operator : RC/JU
 Sample : P5166-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP100-20241206

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/11/2024
 Supervised By :mohammad ahmed 12/11/2024

Quant Time: Dec 10 01:28:07 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 27 23:03:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.301	152	1838	0.400	ng	0.00
7) Naphthalene-d8	10.041	136	4853	0.400	ng	-0.01
13) Acenaphthene-d10	13.957	164	3623	0.400	ng	-0.01
19) Phenanthrene-d10	16.723	188	9117	0.400	ng	#-0.01
29) Chrysene-d12	20.965	240	7610	0.400	ng	0.00
35) Perylene-d12	23.062	264	7094	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.953	112	595	0.129	ng	-0.01
5) Phenol-d6	6.506	99	377	0.068	ng	0.00
8) Nitrobenzene-d5	8.429	82	1110m	0.374	ng	-0.01
11) 2-Methylnaphthalene-d10	11.646	152	2654	0.349	ng	0.00
14) 2,4,6-Tribromophenol	15.475	330	576	0.224	ng	0.00
15) 2-Fluorobiphenyl	12.569	172	4520	0.330	ng	0.00
27) Fluoranthene-d10	18.775	212	10401	0.402	ng	0.00
31) Terphenyl-d14	19.403	244	8300	0.553	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.996	88	14824	8.437	ng	95
6) bis(2-Chloroethyl)ether	6.745	93	275	0.059	ng	95
34) Bis(2-ethylhexyl)phtha...	20.920	149	708	0.067	ng	# 98

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

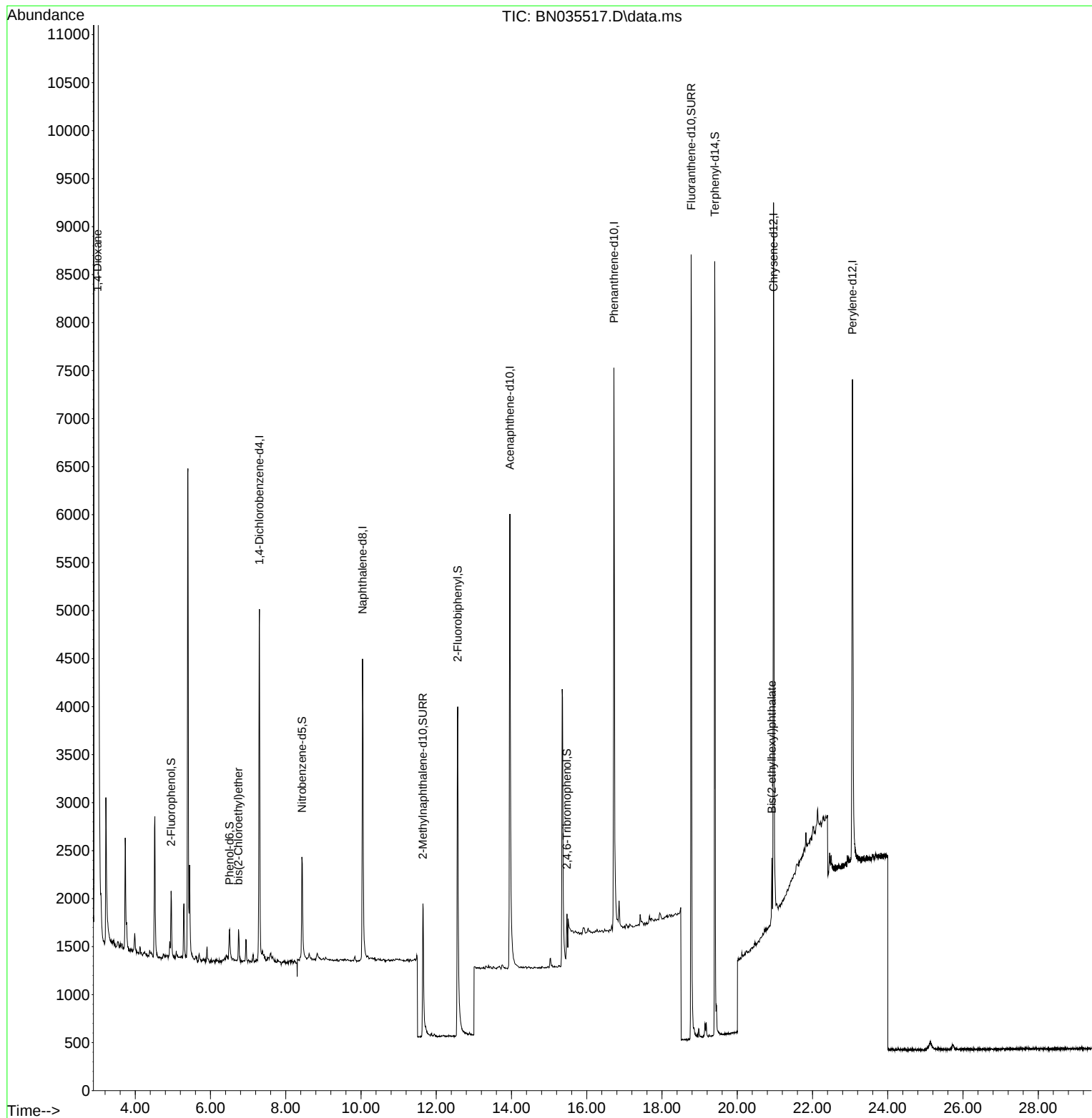
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120924\
Data File : BN035517.D
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Sample : P5166-04
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ALS Vial : 17 Sample Multiplier: 1

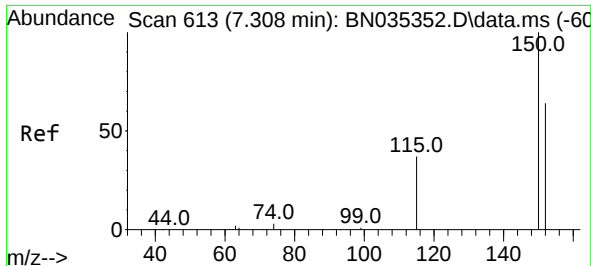
Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20241206

Quant Time: Dec 10 01:28:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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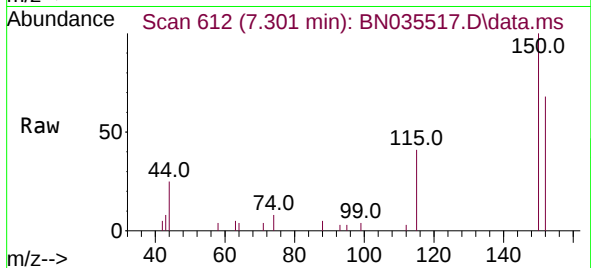
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/11/2024





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.301 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN035517.D
Acq: 09 Dec 2024 21:19

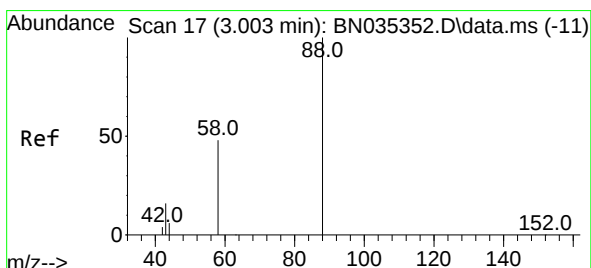
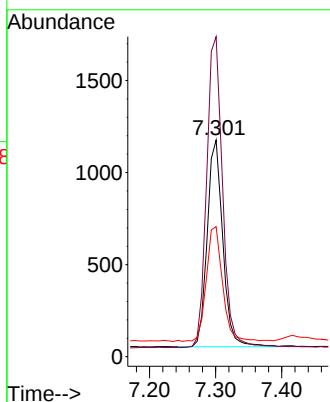
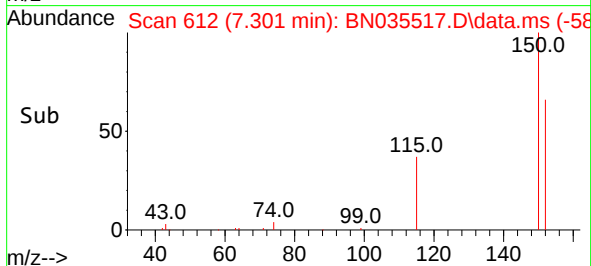
Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20241206



Tgt Ion:152 Resp: 1838
Ion Ratio Lower Upper
152 100
150 147.7 124.0 186.0
115 60.1 49.6 74.4

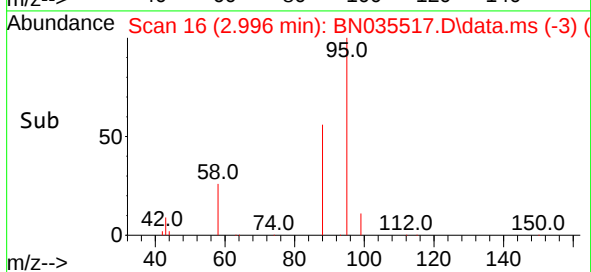
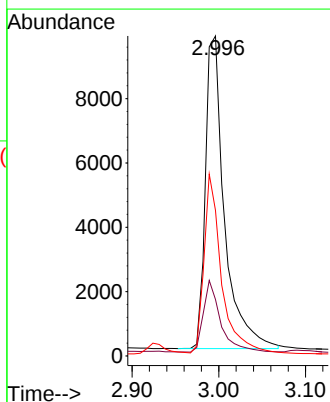
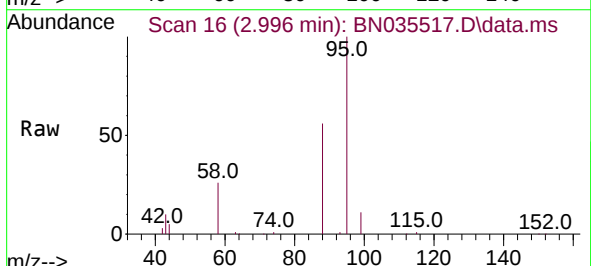
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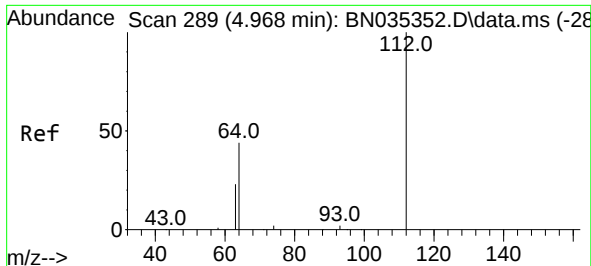
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/11/2024



#2
1,4-Dioxane
Concen: 8.437 ng
RT: 2.996 min Scan# 16
Delta R.T. -0.007 min
Lab File: BN035517.D
Acq: 09 Dec 2024 21:19

Tgt Ion: 88 Resp: 14824
Ion Ratio Lower Upper
88 100
43 20.5 17.2 25.8
58 51.3 44.5 66.7





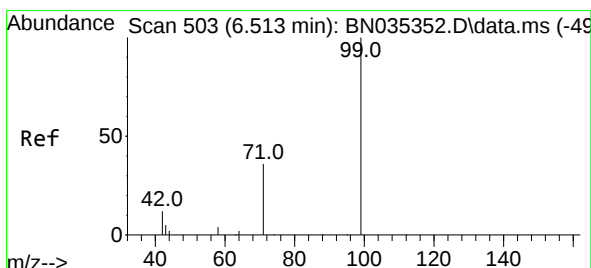
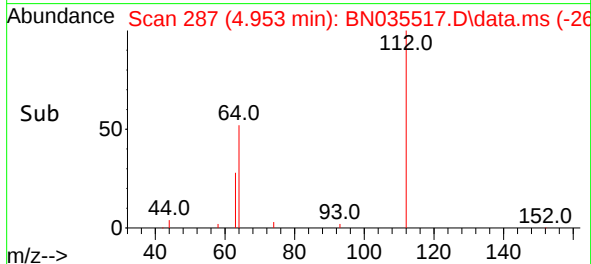
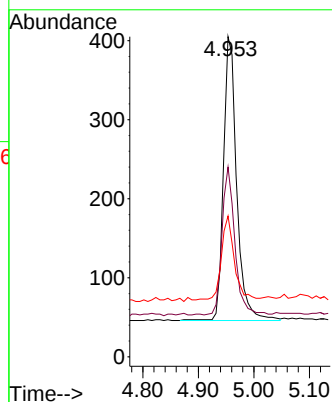
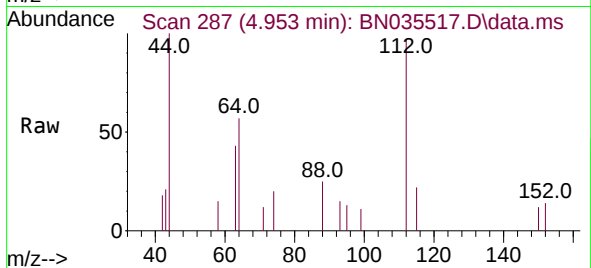
#4
2-Fluorophenol
Concen: 0.129 ng
RT: 4.953 min Scan# 21
Delta R.T. -0.014 min
Lab File: BN035517.D
Acq: 09 Dec 2024 21:19

Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20241206

Tgt Ion:112 Resp: 59
Ion Ratio Lower Upper
112 100
64 50.6 39.8 59.8
63 28.4 21.0 31.6

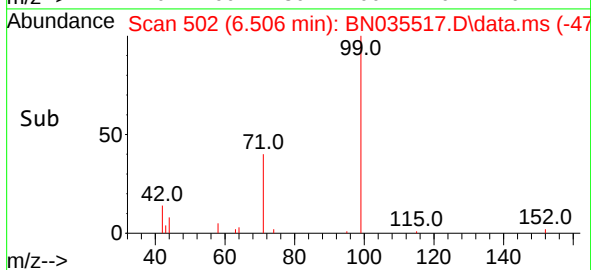
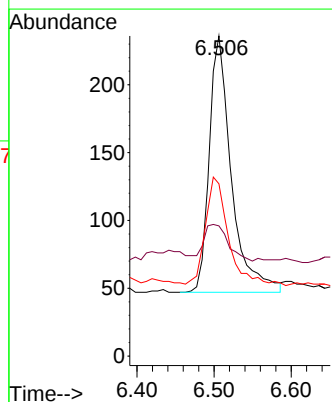
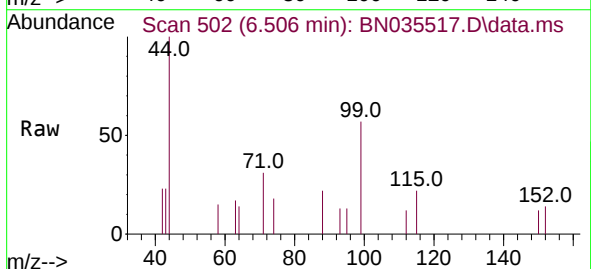
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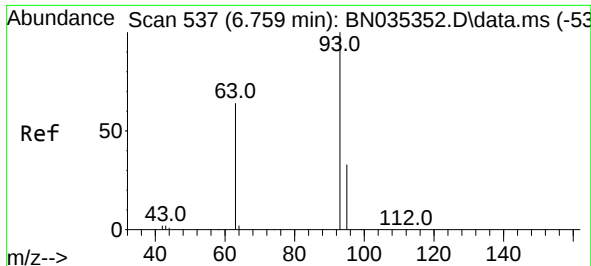
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/11/2024



#5
Phenol-d6
Concen: 0.068 ng
RT: 6.506 min Scan# 502
Delta R.T. -0.007 min
Lab File: BN035517.D
Acq: 09 Dec 2024 21:19

Tgt Ion: 99 Resp: 377
Ion Ratio Lower Upper
99 100
42 15.1 11.4 17.2
71 46.2 29.3 43.9#





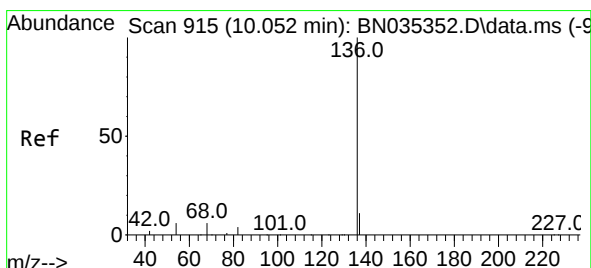
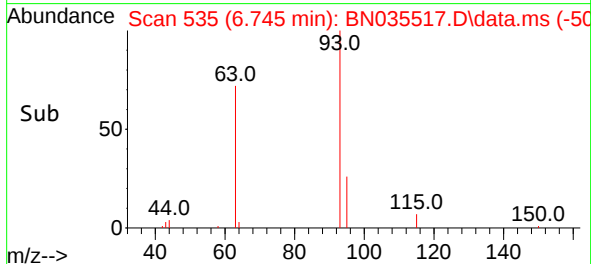
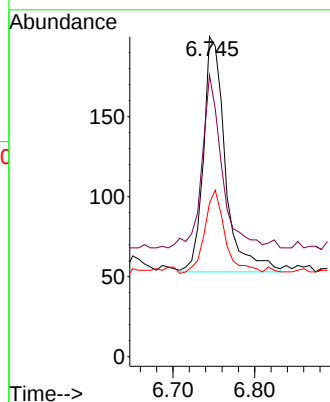
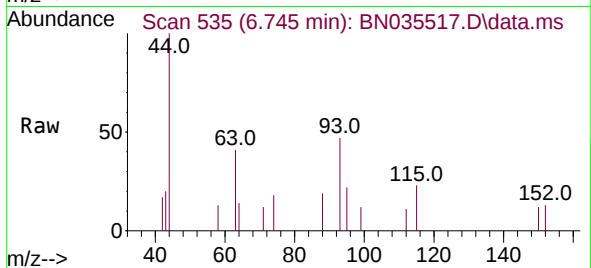
#6
bis(2-Chloroethyl)ether
Concen: 0.059 ng
RT: 6.745 min Scan# 51
Delta R.T. -0.014 min
Lab File: BN035517.D
Acq: 09 Dec 2024 21:19

Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20241206

Tgt Ion: 93 Resp: 279
Ion Ratio Lower Upper
93 100
63 67.6 50.4 75.6
95 33.5 25.7 38.5

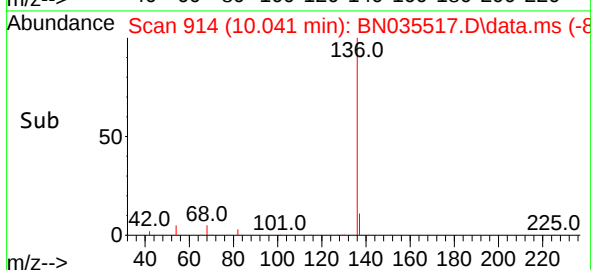
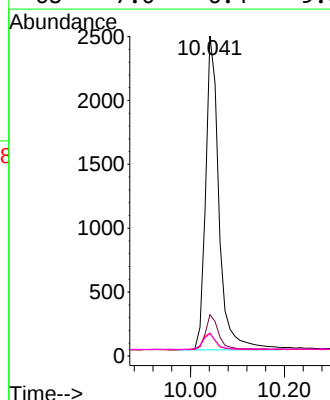
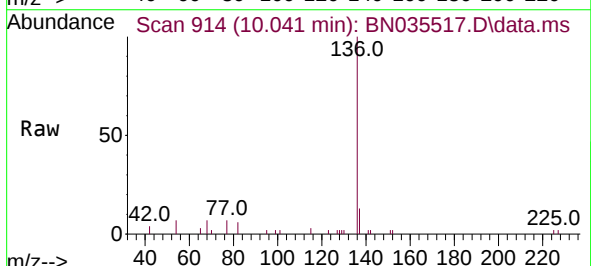
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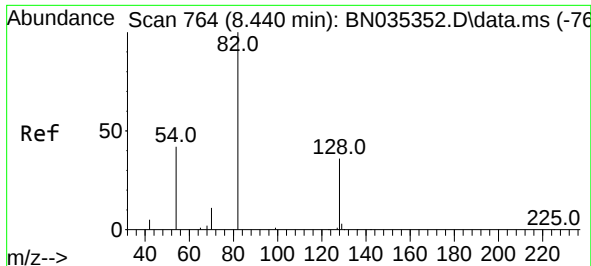
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/11/2024



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.041 min Scan# 914
Delta R.T. -0.011 min
Lab File: BN035517.D
Acq: 09 Dec 2024 21:19

Tgt Ion:136 Resp: 4853
Ion Ratio Lower Upper
136 100
137 12.9 10.2 15.2
54 7.1 6.1 9.1
68 7.0 6.4 9.6





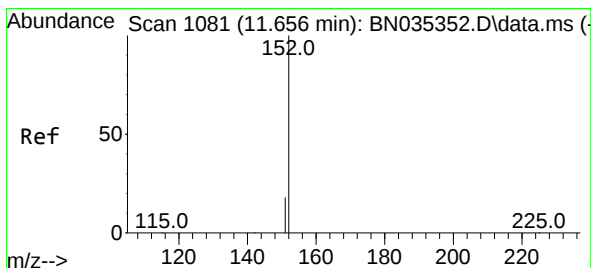
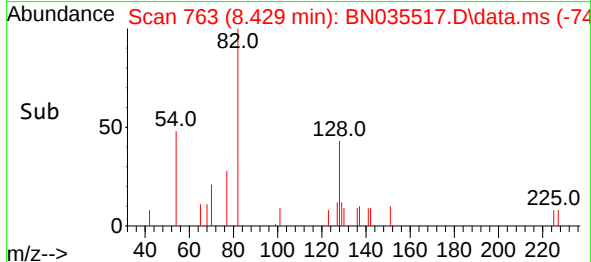
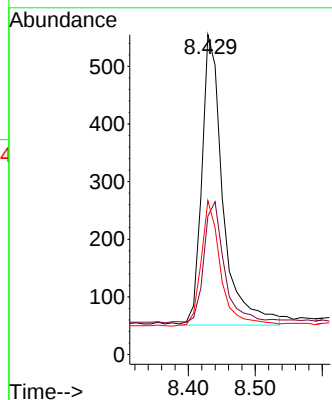
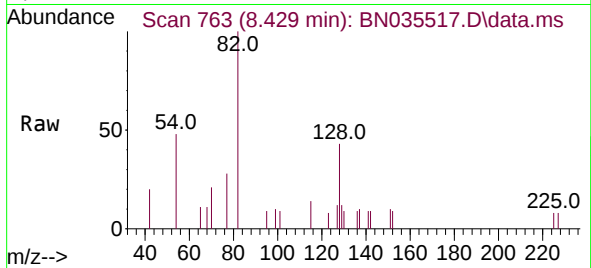
#8
Nitrobenzene-d5
Concen: 0.374 ng m
RT: 8.429 min Scan# 70
Delta R.T. -0.011 min
Lab File: BN035517.D
Acq: 09 Dec 2024 21:19

Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20241206

Tgt Ion: 82 Resp: 1110
Ion Ratio Lower Upper
82 100
128 43.2 33.4 50.0
54 48.1 36.7 55.1

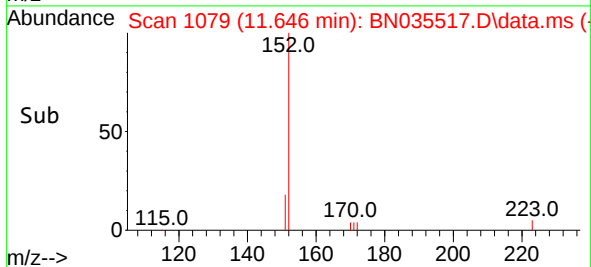
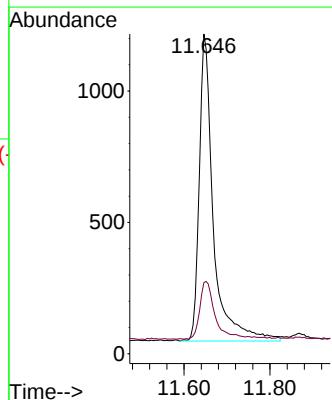
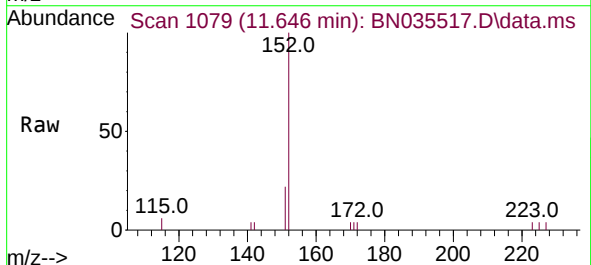
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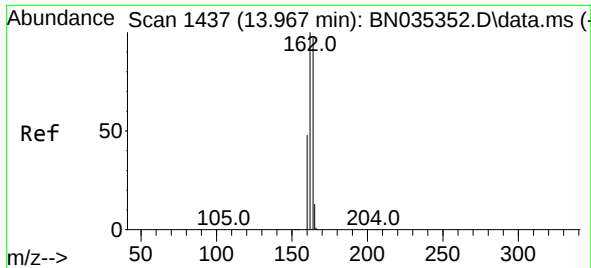
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/11/2024



#11
2-Methylnaphthalene-d10
Concen: 0.349 ng
RT: 11.646 min Scan# 1079
Delta R.T. -0.010 min
Lab File: BN035517.D
Acq: 09 Dec 2024 21:19

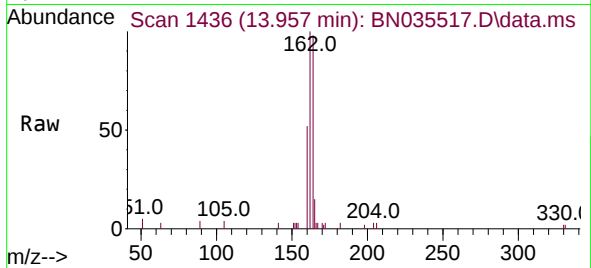
Tgt Ion:152 Resp: 2654
Ion Ratio Lower Upper
152 100
151 20.2 16.6 25.0





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 13.957 min Scan# 1437
Delta R.T. -0.011 min
Lab File: BN035517.D
Acq: 09 Dec 2024 21:19

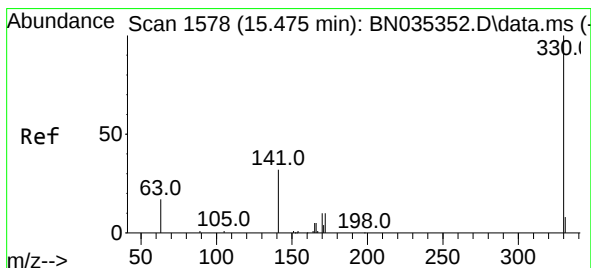
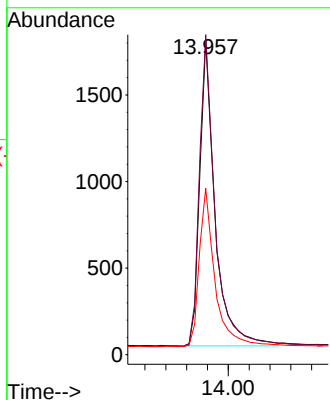
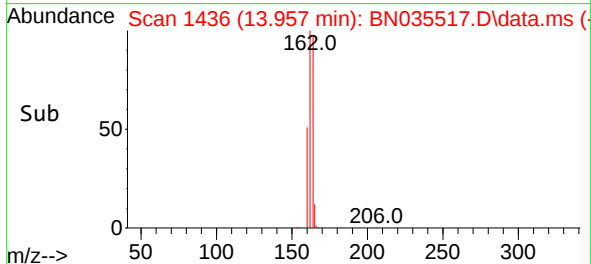
Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20241206



Tgt Ion:164 Resp: 362.0
Ion Ratio Lower Upper
164 100
162 101.9 82.2 123.2
160 53.0 40.1 60.1

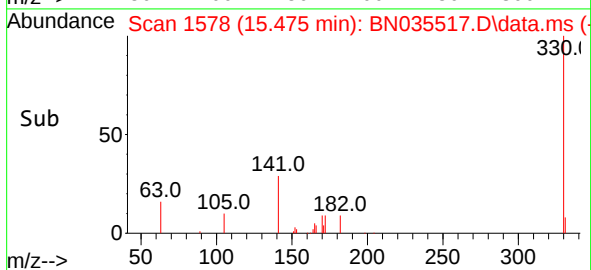
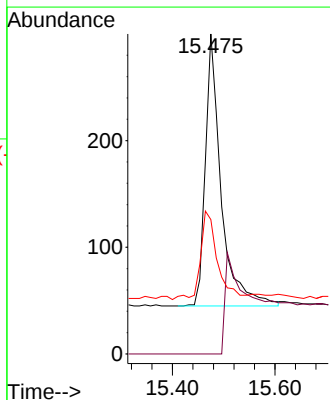
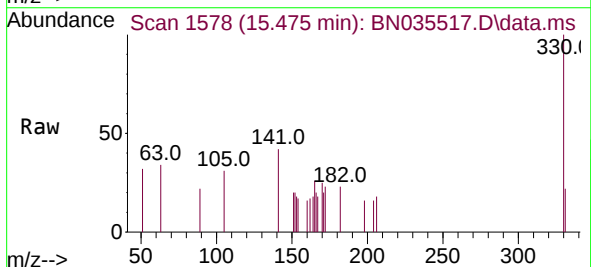
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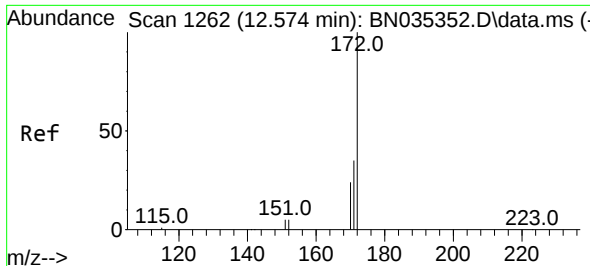
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/11/2024



#14
2,4,6-Tribromophenol
Concen: 0.224 ng
RT: 15.475 min Scan# 1578
Delta R.T. 0.000 min
Lab File: BN035517.D
Acq: 09 Dec 2024 21:19

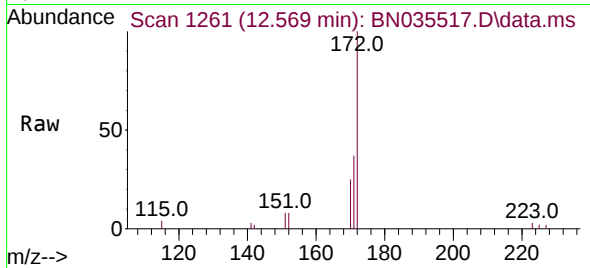
Tgt Ion:330 Resp: 576
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 33.9 26.6 40.0





#15
2-Fluorobiphenyl
Concen: 0.330 ng
RT: 12.569 min Scan# 1679
Delta R.T. -0.005 min
Lab File: BN035517.D
Acq: 09 Dec 2024 21:19

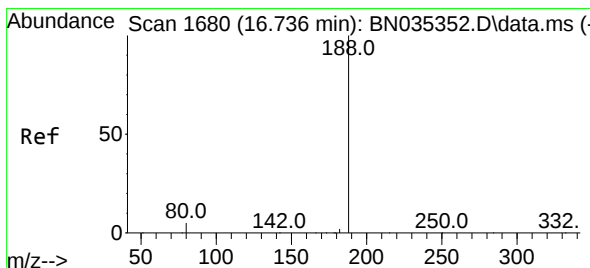
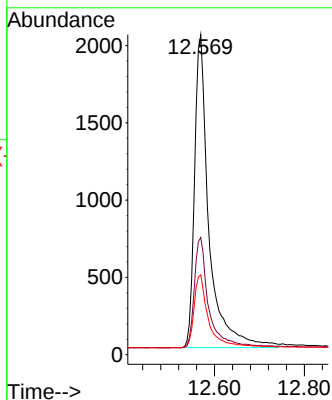
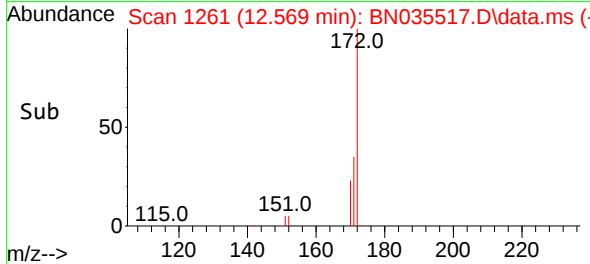
Instrument :
BNA_N
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RW5-SP100-20241206



Tgt Ion:172 Resp: 4520
Ion Ratio Lower Upper
172 100
171 36.6 29.0 43.4
170 25.0 19.8 29.8

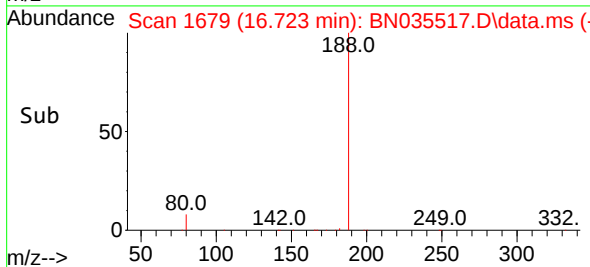
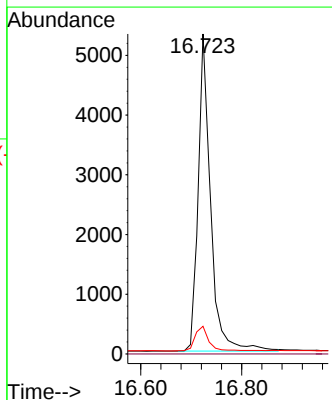
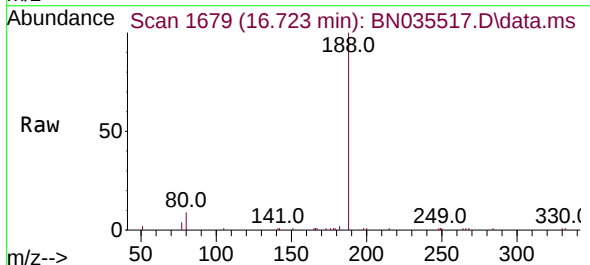
Manual Integrations
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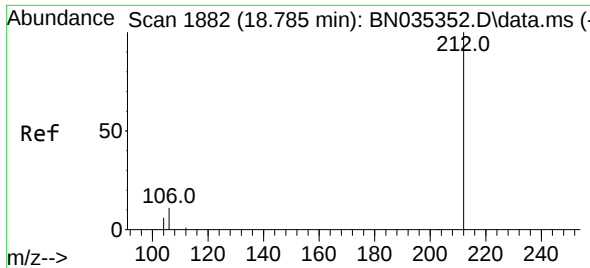
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/11/2024



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.723 min Scan# 1679
Delta R.T. -0.012 min
Lab File: BN035517.D
Acq: 09 Dec 2024 21:19

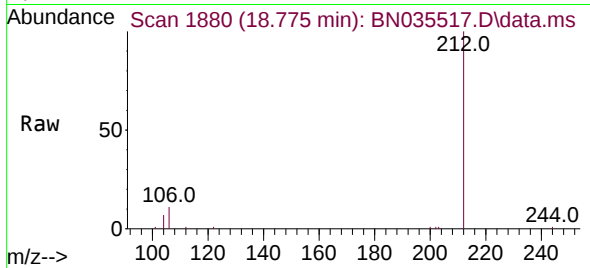
Tgt Ion:188 Resp: 9117
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.6 4.6 6.8





#27
Fluoranthene-d10
Concen: 0.402 ng
RT: 18.775 min Scan# 1880
Delta R.T. -0.009 min
Lab File: BN035517.D
Acq: 09 Dec 2024 21:19

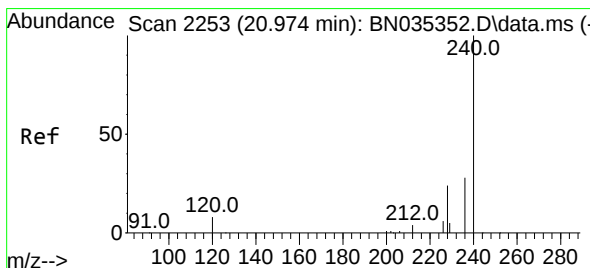
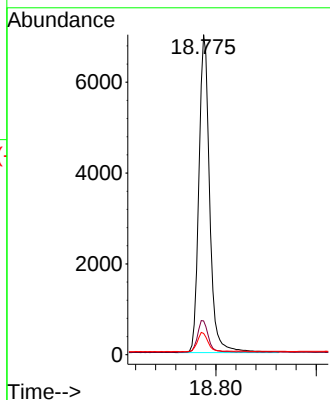
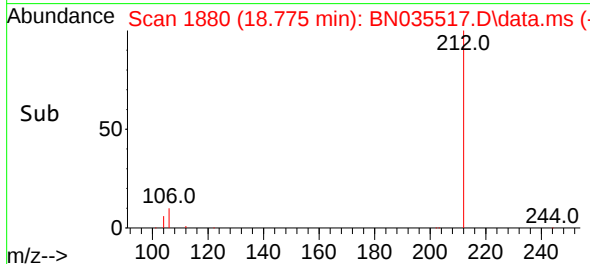
Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20241206



Tgt Ion:212 Resp: 1040
Ion Ratio Lower Upper
212 100
106 10.1 9.2 13.8
104 5.9 5.3 7.9

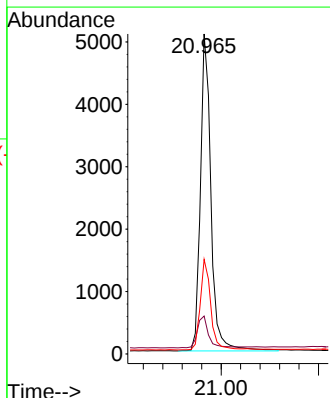
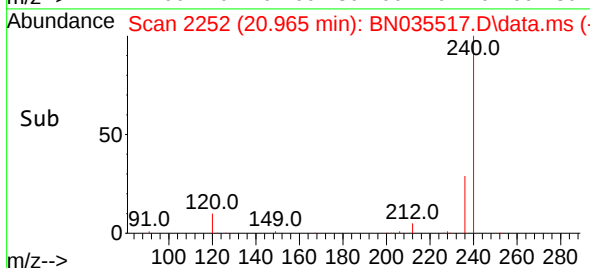
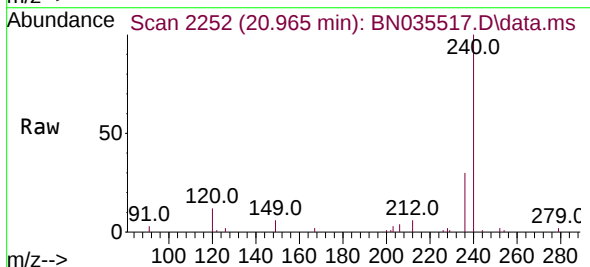
Manual Integrations
APPROVED

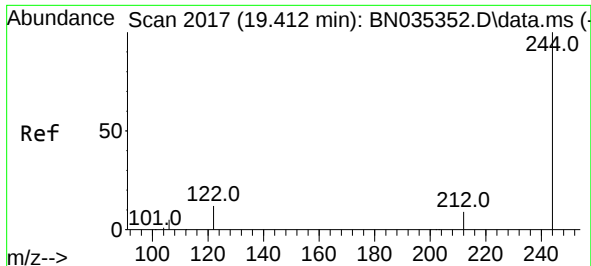
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/11/2024



#29
Chrysene-d12
Concen: 0.400 ng
RT: 20.965 min Scan# 2252
Delta R.T. -0.009 min
Lab File: BN035517.D
Acq: 09 Dec 2024 21:19

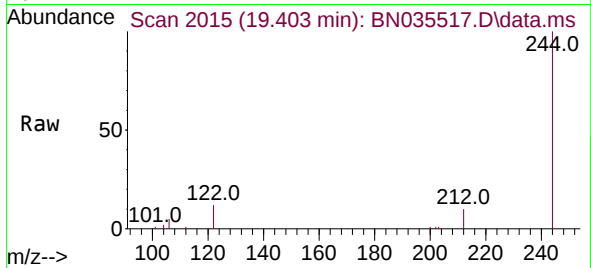
Tgt Ion:240 Resp: 7610
Ion Ratio Lower Upper
240 100
120 11.8 7.9 11.9
236 29.5 22.9 34.3





#31
 Terphenyl-d14
 Concen: 0.553 ng
 RT: 19.403 min Scan# 2017
 Delta R.T. -0.009 min
 Lab File: BN035517.D
 Acq: 09 Dec 2024 21:19

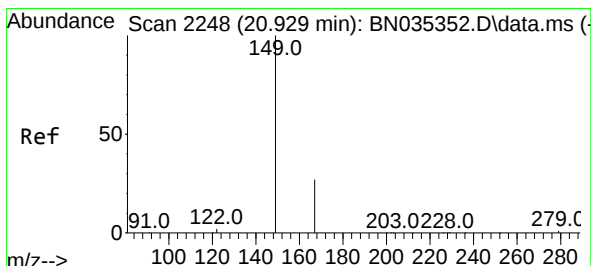
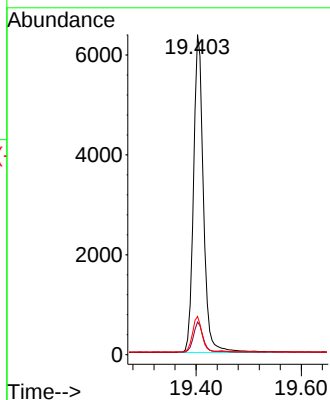
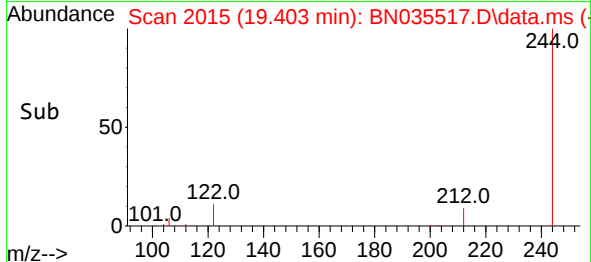
Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP100-20241206



Tgt Ion:244 Resp: 8300
 Ion Ratio Lower Upper
 244 100
 212 10.2 8.1 12.1
 122 11.9 10.3 15.5

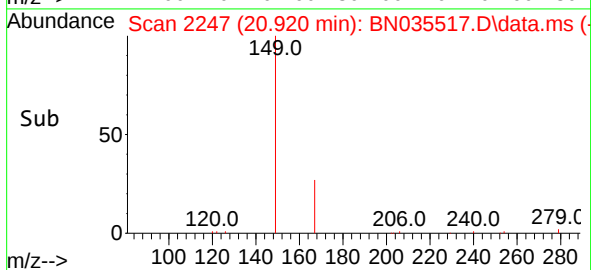
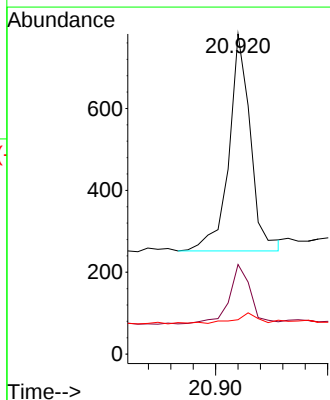
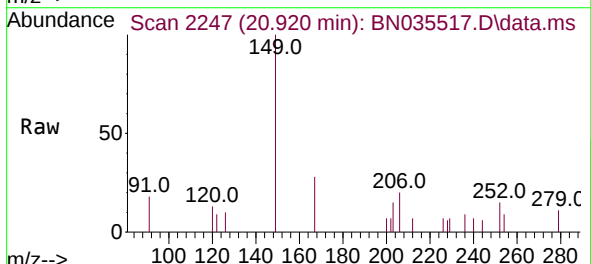
Manual Integrations
 APPROVED

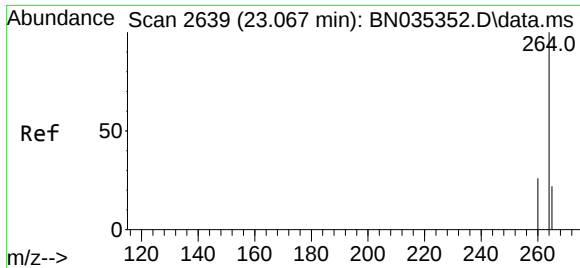
Reviewed By :Yogesh Patel 12/11/2024
 Supervised By :mohammad ahmed 12/11/2024



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.067 ng
 RT: 20.920 min Scan# 2247
 Delta R.T. -0.009 min
 Lab File: BN035517.D
 Acq: 09 Dec 2024 21:19

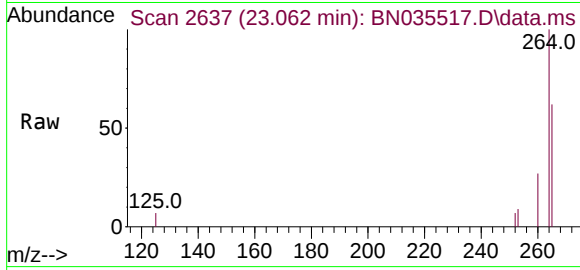
Tgt Ion:149 Resp: 708
 Ion Ratio Lower Upper
 149 100
 167 27.0 22.2 33.4
 279 4.2 2.7 4.1#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.062 min Scan# 20
Delta R.T. -0.006 min
Lab File: BN035517.D
Acq: 09 Dec 2024 21:19

Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20241206



Tgt Ion:264 Resp: 7094
Ion Ratio Lower Upper
264 100
260 26.9 21.4 32.2
265 61.5 40.2 60.4

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/11/2024

