

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112524\
 Data File : BN035297.D
 Acq On : 26 Nov 2024 01:26
 Operator : RC/JU
 Sample : P4959-01
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP100-20241121

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/27/2024
 Supervised By :mohammad ahmed 11/27/2024

Quant Time: Nov 26 02:54:43 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 26 02:36:08 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.315	152	3474	0.400	ng	0.00
7) Naphthalene-d8	10.063	136	8594	0.400	ng	# 0.00
13) Acenaphthene-d10	13.973	164	5314	0.400	ng	# 0.00
19) Phenanthrene-d10	16.741	188	12516	0.400	ng	# 0.00
29) Chrysene-d12	21.006	240	912	0.400	ng	# 0.00
35) Perylene-d12	23.078	264	6981	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.968	112	1086	0.165	ng	0.00
5) Phenol-d6	6.521	99	751	0.082	ng	0.00
8) Nitrobenzene-d5	8.451	82	1671m	0.240	ng	0.00
11) 2-Methylnaphthalene-d10	11.663	152	5726	0.476	ng	0.00
14) 2,4,6-Tribromophenol	15.480	330	885	0.326	ng	0.00
15) 2-Fluorobiphenyl	12.604	172	1025	0.349	ng	0.00
27) Fluoranthene-d10	18.790	212	16757	0.500	ng	0.00
31) Terphenyl-d14	19.417	244	12231	0.726	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.003	88	28516	11.419	ng	# 70
6) bis(2-Chloroethyl)ether	6.766	93	518	0.067	ng	96

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

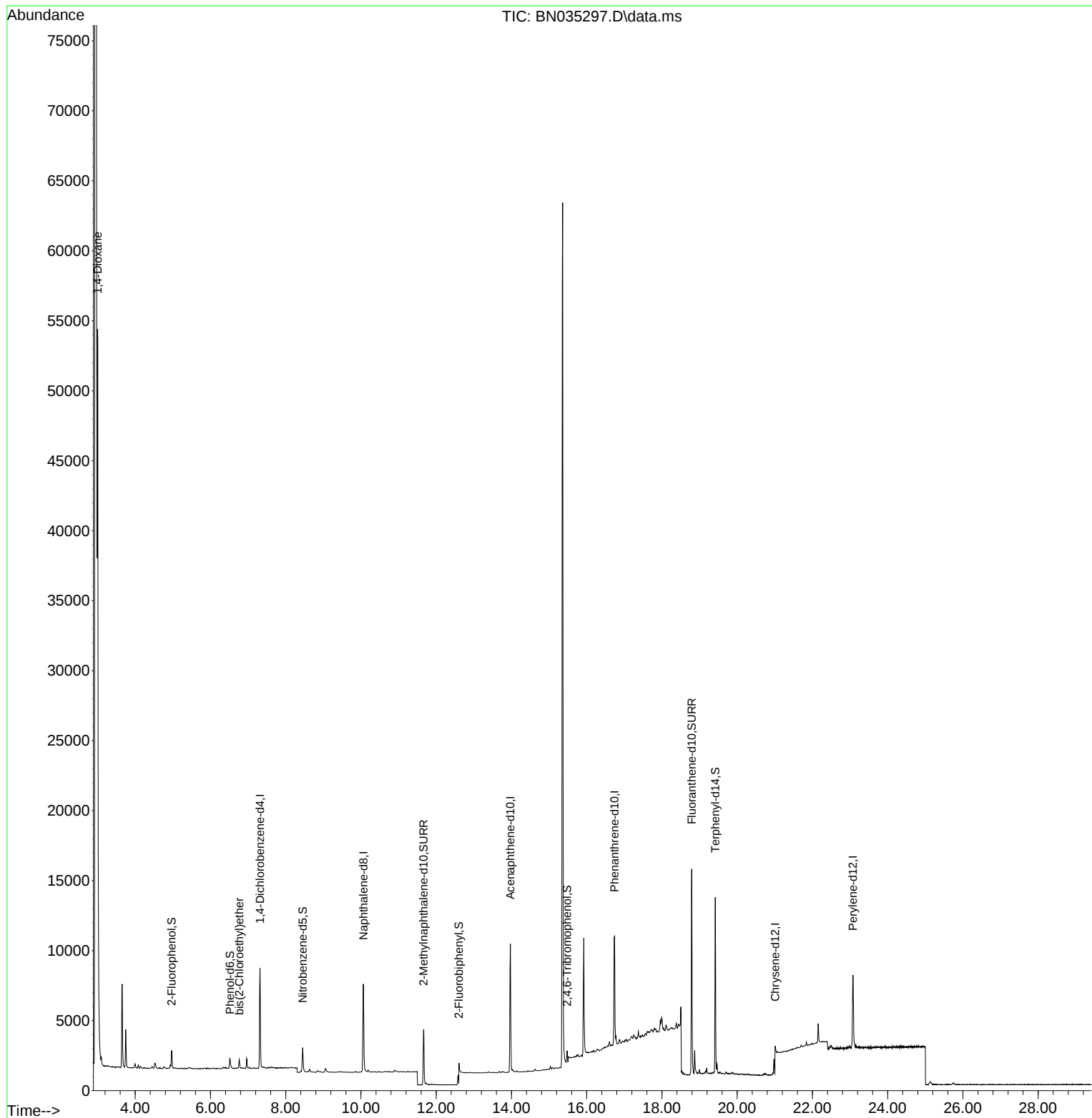
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112524\
Data File : BN035297.D
Acq On : 26 Nov 2024 01:26
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ALS Vial : 73 Sample Multiplier: 1

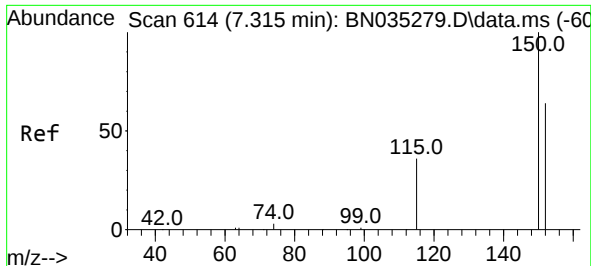
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112524.M
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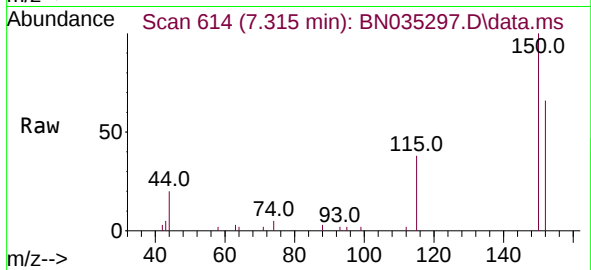
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.315 min Scan# 614
Delta R.T. 0.000 min
Lab File: BN035297.D
Acq: 26 Nov 2024 01:26

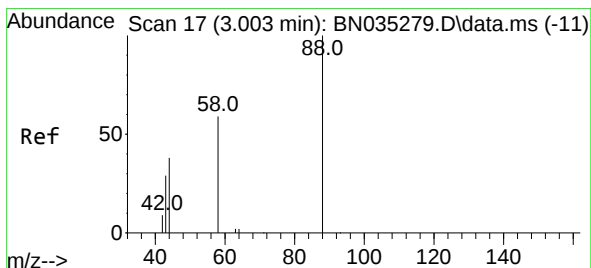
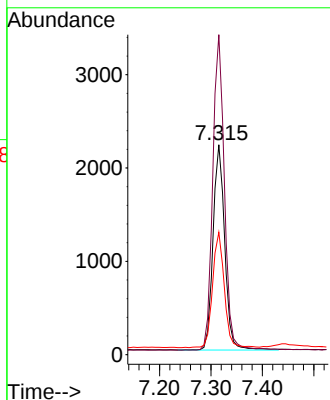
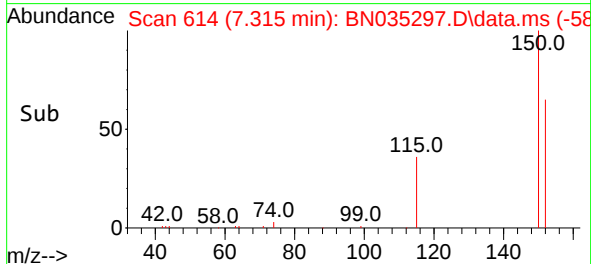
Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20241121



Tgt Ion:152 Resp: 3474
Ion Ratio Lower Upper
152 100
150 152.5 124.5 186.7
115 58.3 47.8 71.8

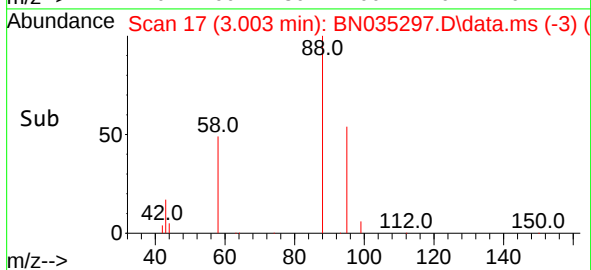
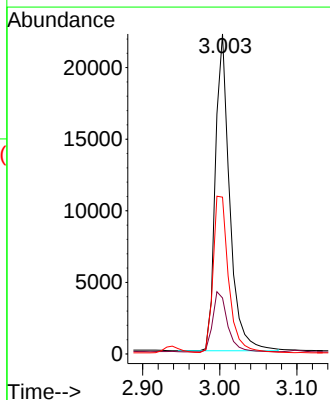
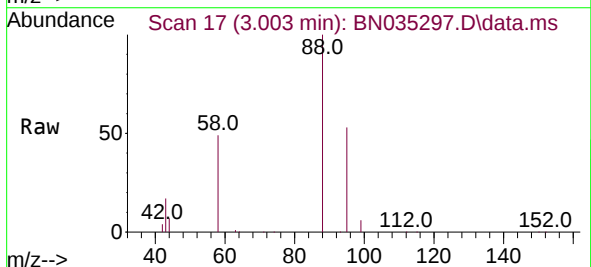
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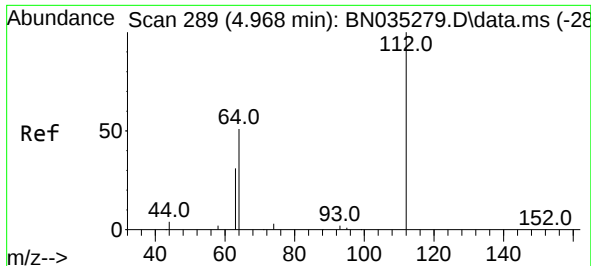
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Supervised By :mohammad ahmed 11/27/2024



#2
1,4-Dioxane
Concen: 11.419 ng
RT: 3.003 min Scan# 17
Delta R.T. 0.000 min
Lab File: BN035297.D
Acq: 26 Nov 2024 01:26

Tgt Ion: 88 Resp: 28516
Ion Ratio Lower Upper
88 100
43 19.7 48.1 72.1#
58 53.5 46.9 70.3





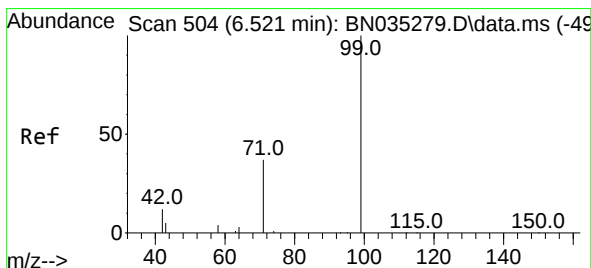
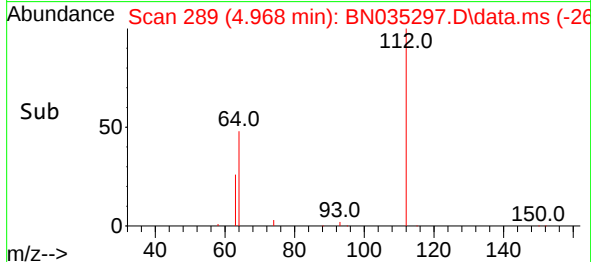
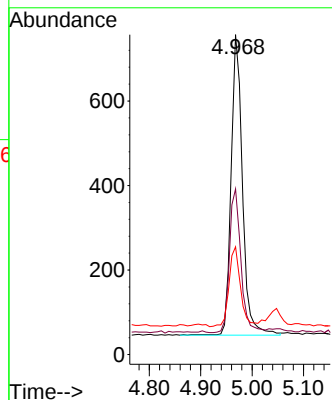
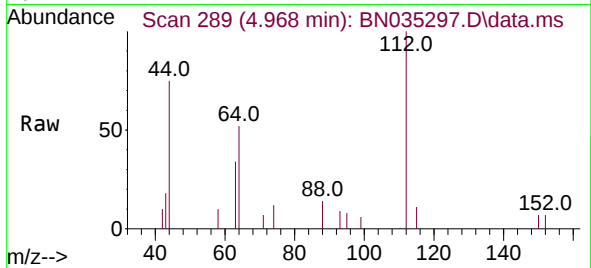
#4
2-Fluorophenol
Concen: 0.165 ng
RT: 4.968 min Scan# 289
Delta R.T. 0.000 min
Lab File: BN035297.D
Acq: 26 Nov 2024 01:26

Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20241121

Tgt Ion: 112 Resp: 1080
Ion Ratio Lower Upper
112 100
64 48.4 40.4 60.6
63 27.0 23.8 35.8

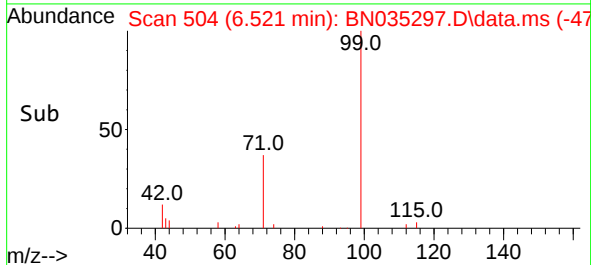
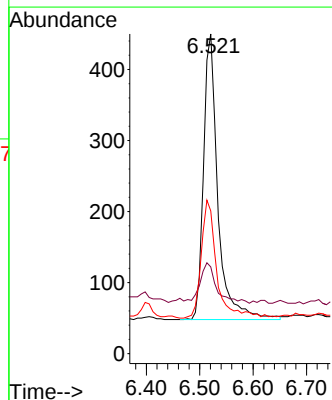
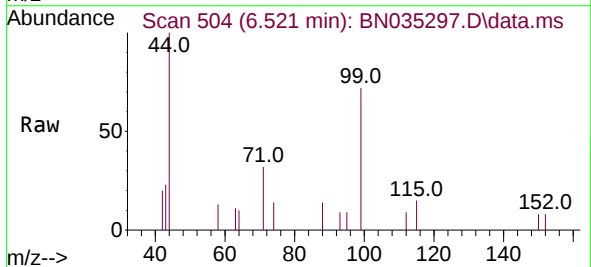
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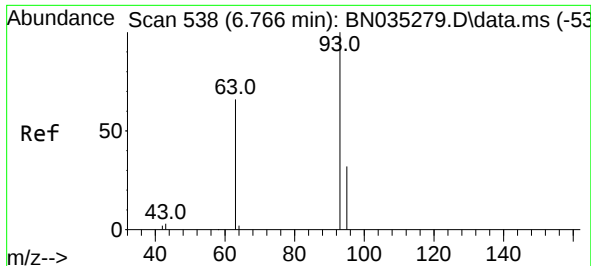
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#5
Phenol-d6
Concen: 0.082 ng
RT: 6.521 min Scan# 504
Delta R.T. 0.000 min
Lab File: BN035297.D
Acq: 26 Nov 2024 01:26

Tgt Ion: 99 Resp: 751
Ion Ratio Lower Upper
99 100
42 16.2 12.8 19.2
71 45.0 31.4 47.2





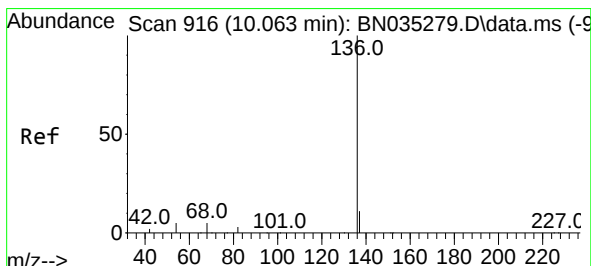
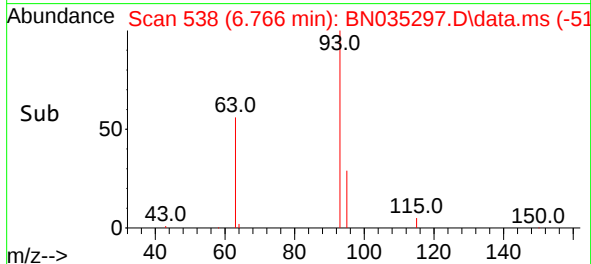
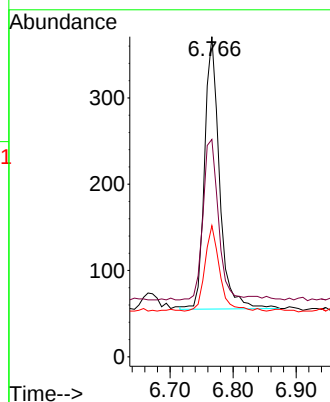
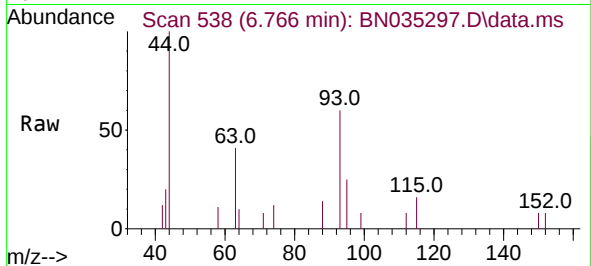
#6
bis(2-Chloroethyl)ether
Concen: 0.067 ng
RT: 6.766 min Scan# 538
Delta R.T. 0.000 min
Lab File: BN035297.D
Acq: 26 Nov 2024 01:26

Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20241121

Tgt Ion: 93 Resp: 518
Ion Ratio Lower Upper
93 100
63 60.4 52.3 78.5
95 31.5 25.5 38.3

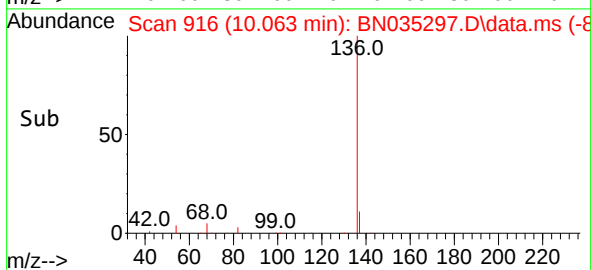
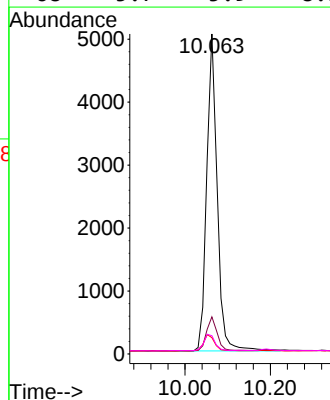
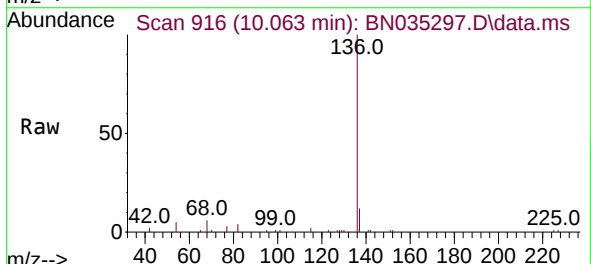
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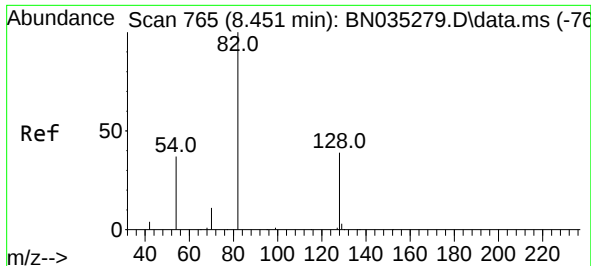
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.063 min Scan# 916
Delta R.T. 0.000 min
Lab File: BN035297.D
Acq: 26 Nov 2024 01:26

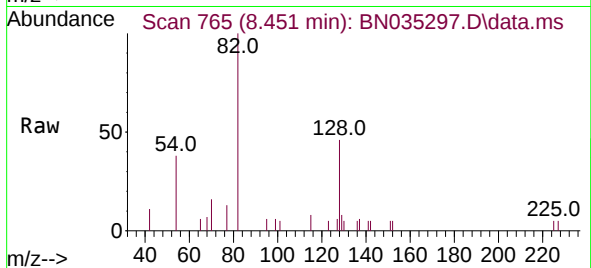
Tgt Ion:136 Resp: 8594
Ion Ratio Lower Upper
136 100
137 11.6 9.7 14.5
54 5.1 5.3 7.9#
68 5.7 5.9 8.9#





#8
Nitrobenzene-d5
Concen: 0.240 ng m
RT: 8.451 min Scan# 765
Delta R.T. 0.000 min
Lab File: BN035297.D
Acq: 26 Nov 2024 01:26

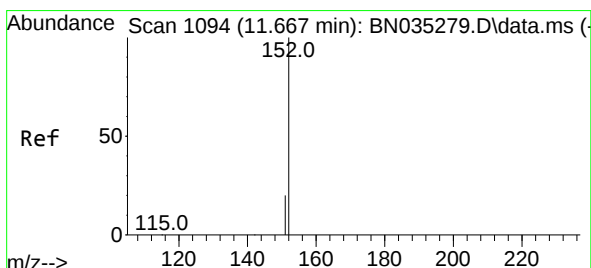
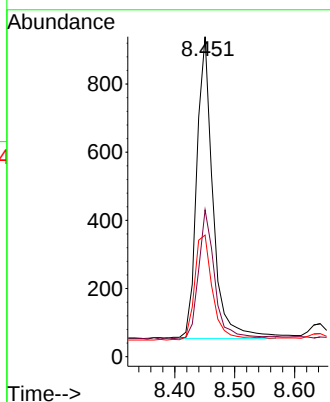
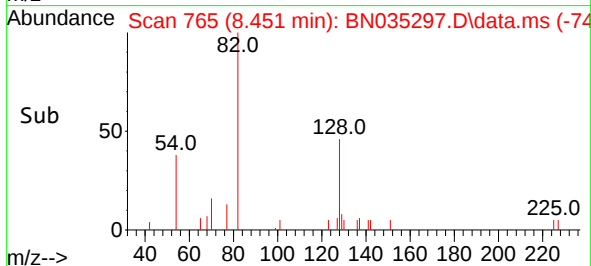
Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20241121



Tgt Ion: 82 Resp: 167
Ion Ratio Lower Upper
82 100
128 45.9 33.0 49.4
54 38.0 33.3 49.9

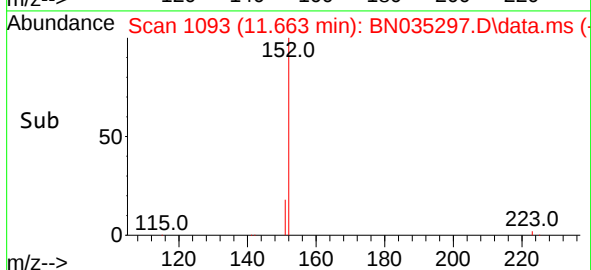
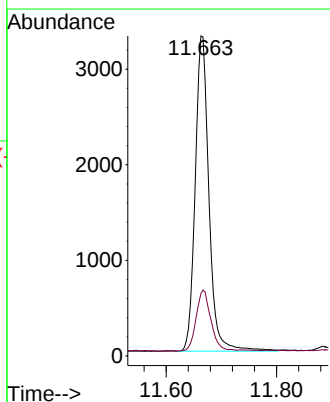
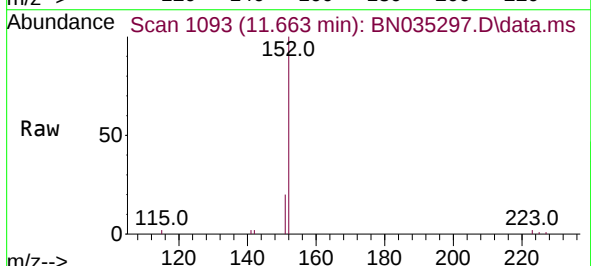
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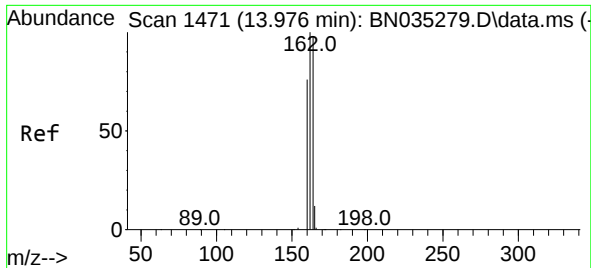
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#11
2-Methylnaphthalene-d10
Concen: 0.476 ng
RT: 11.663 min Scan# 1093
Delta R.T. -0.004 min
Lab File: BN035297.D
Acq: 26 Nov 2024 01:26

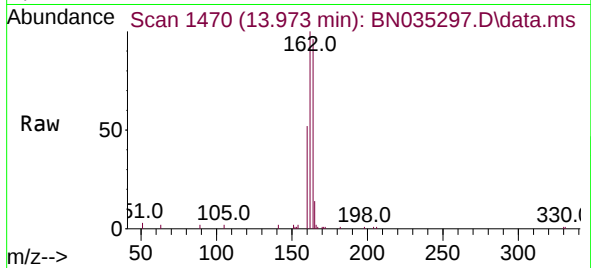
Tgt Ion:152 Resp: 5726
Ion Ratio Lower Upper
152 100
151 20.5 17.2 25.8





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 13.973 min Scan# 1470
Delta R.T. -0.004 min
Lab File: BN035297.D
Acq: 26 Nov 2024 01:26

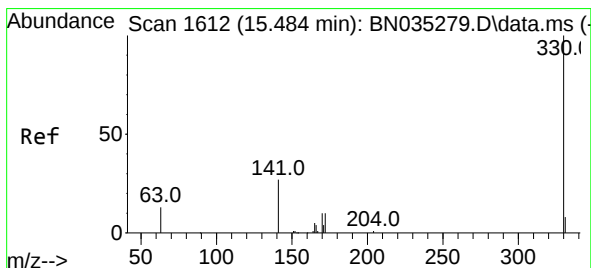
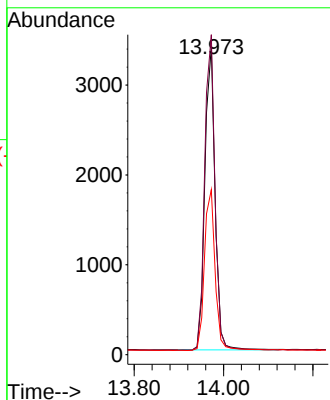
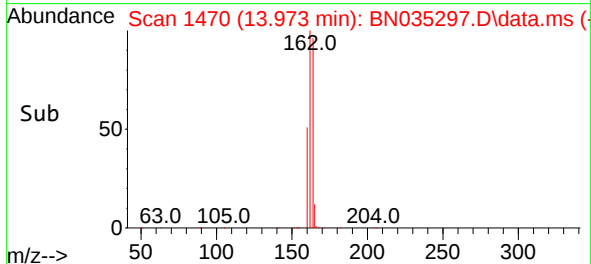
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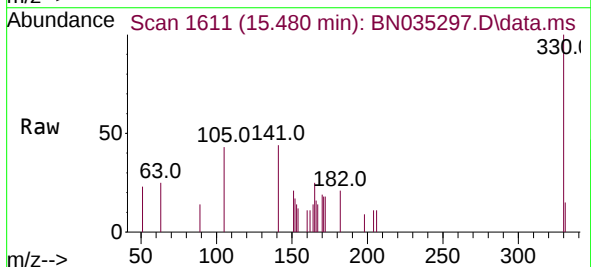
Tgt Ion:164 Resp: 5314
Ion Ratio Lower Upper
164 100
162 103.9 82.0 123.0
160 53.6 63.0 94.4

Manual Integrations
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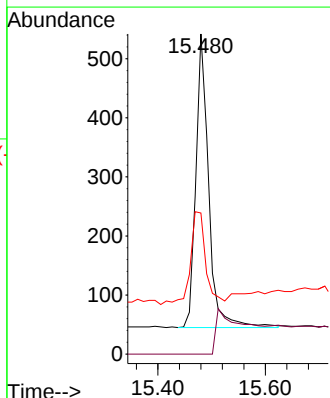
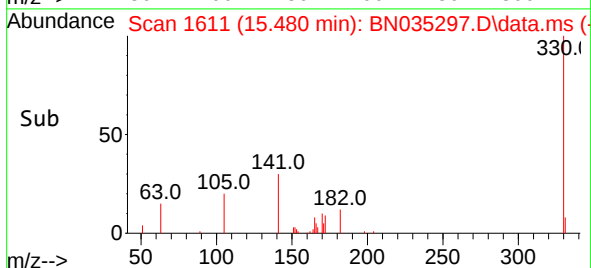
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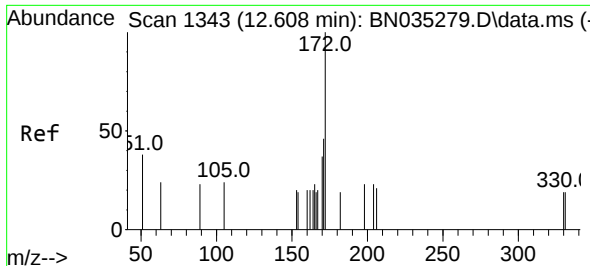


#14
2,4,6-Tribromophenol
Concen: 0.326 ng
RT: 15.480 min Scan# 1611
Delta R.T. -0.004 min
Lab File: BN035297.D
Acq: 26 Nov 2024 01:26



Tgt Ion:330 Resp: 885
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 35.4 32.4 48.6





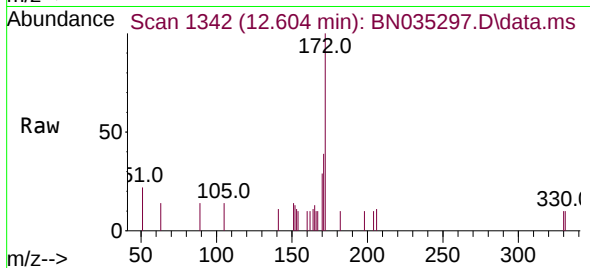
#15
2-Fluorobiphenyl
Concen: 0.349 ng
RT: 12.604 min Scan# 1343
Delta R.T. -0.004 min
Lab File: BN035297.D
Acq: 26 Nov 2024 01:26

Instrument :

BNA_N

ClientSampleId :

RW5-SP100-20241121



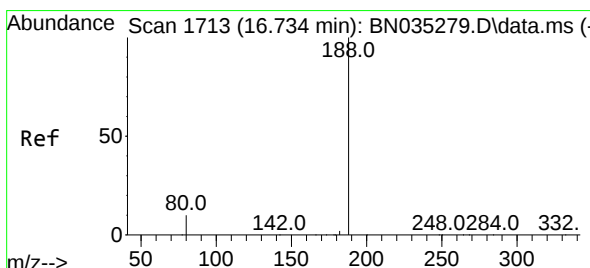
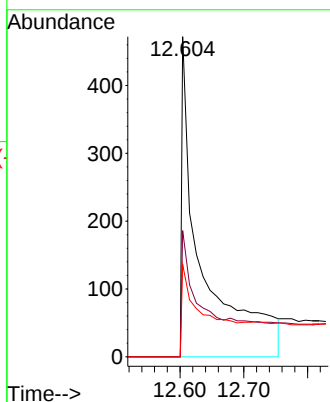
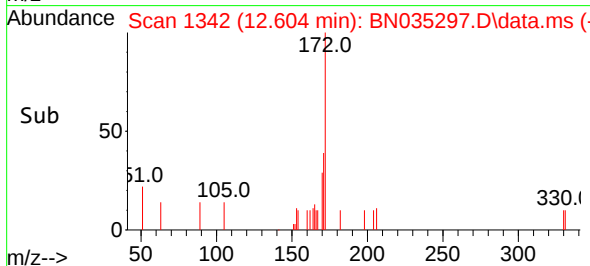
Tgt Ion:172 Resp: 1025
Ion Ratio Lower Upper
172 100
171 39.4 36.6 55.0
170 28.8 29.7 44.5

Manual Integrations

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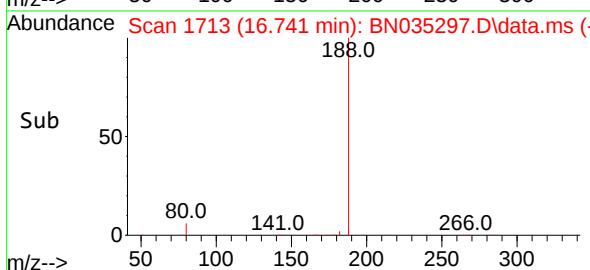
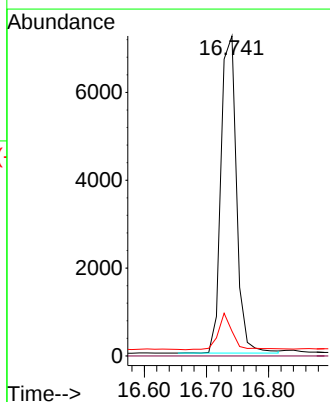
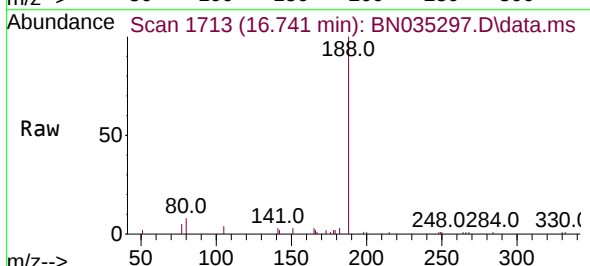
Reviewed By :Yogesh Patel 11/27/2024

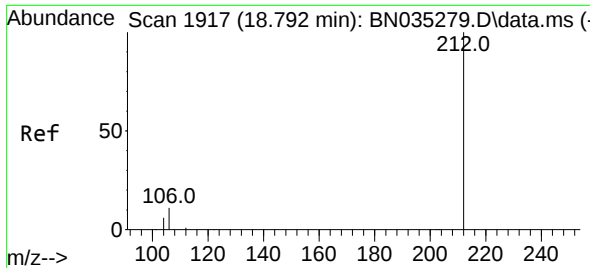
Supervised By :mohammad ahmed 11/27/2024



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.741 min Scan# 1713
Delta R.T. 0.007 min
Lab File: BN035297.D
Acq: 26 Nov 2024 01:26

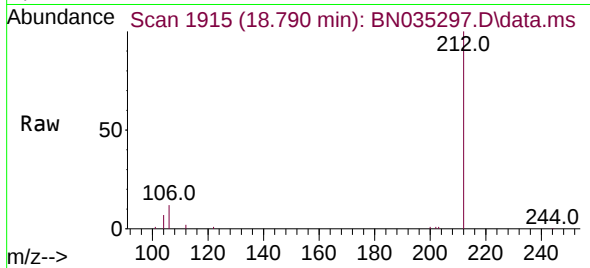
Tgt Ion:188 Resp: 12516
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.8 8.9 13.3





#27
Fluoranthene-d10
Concen: 0.500 ng
RT: 18.790 min Scan# 1915
Delta R.T. -0.002 min
Lab File: BN035297.D
Acq: 26 Nov 2024 01:26

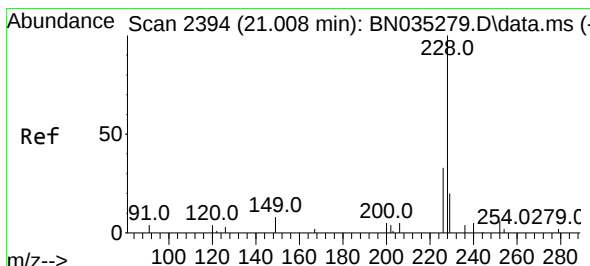
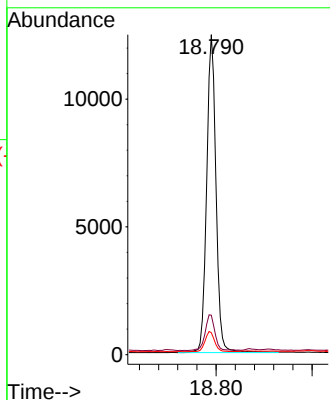
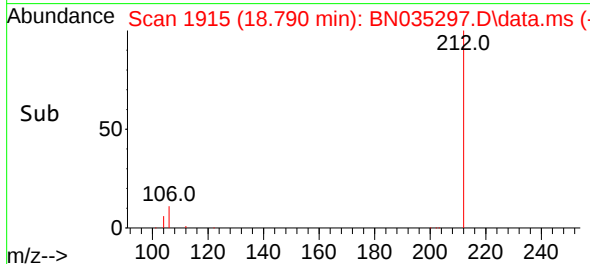
Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20241121



Tgt Ion:212 Resp: 1675
Ion Ratio Lower Upper
212 100
106 11.8 9.8 14.8
104 6.4 5.6 8.4

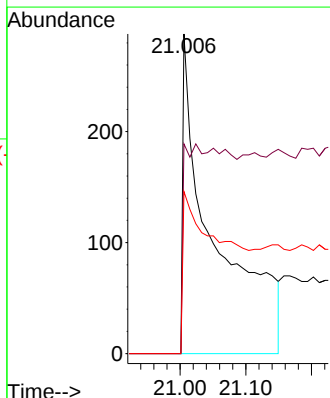
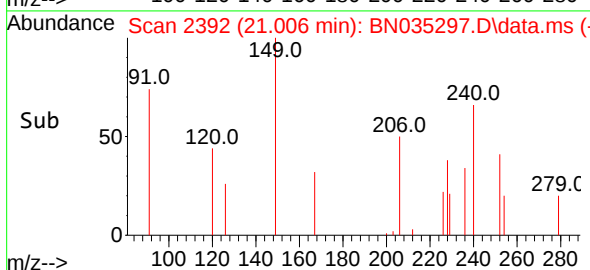
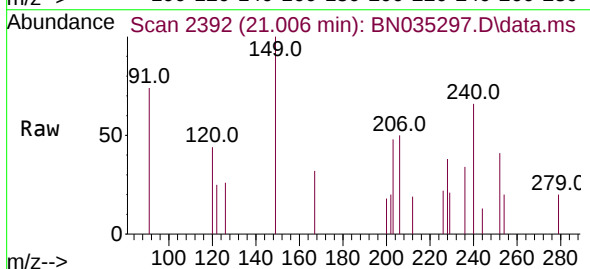
Manual Integrations
APPROVED

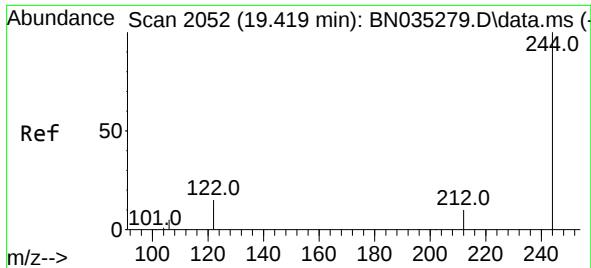
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.006 min Scan# 2392
Delta R.T. -0.002 min
Lab File: BN035297.D
Acq: 26 Nov 2024 01:26

Tgt Ion:240 Resp: 912
Ion Ratio Lower Upper
240 100
120 65.6 54.9 82.3
236 50.7 54.0 81.0#





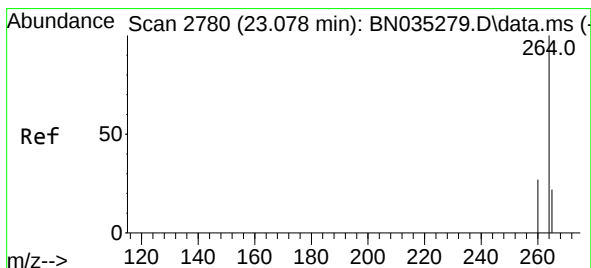
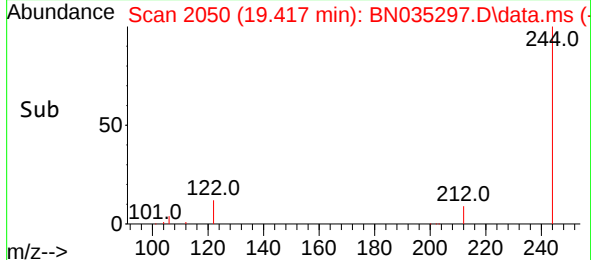
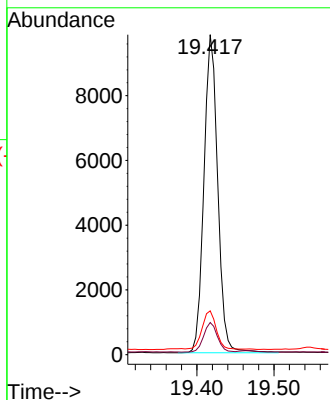
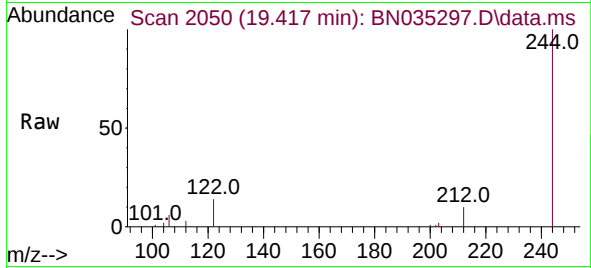
#31
 Terphenyl-d14
 Concen: 0.726 ng
 RT: 19.417 min Scan# 2050
 Delta R.T. -0.002 min
 Lab File: BN035297.D
 Acq: 26 Nov 2024 01:26

Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP100-20241121

Tgt Ion:244 Resp: 1223
 Ion Ratio Lower Upper
 244 100
 212 10.0 9.4 14.0
 122 13.7 13.0 19.4

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/27/2024
 Supervised By :mohammad ahmed 11/27/2024



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.078 min Scan# 2779
 Delta R.T. 0.001 min
 Lab File: BN035297.D
 Acq: 26 Nov 2024 01:26

Tgt Ion:264 Resp: 6981
 Ion Ratio Lower Upper
 264 100
 260 27.5 22.3 33.5
 265 73.4 68.6 103.0

