

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061923\
 Data File : BN025901.D
 Acq On : 19 Jun 2023 15:26
 Operator : MA/JU
 Sample : 03259-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GWOW-BR-05-167-187-061423

Quant Time: Jun 19 16:11:08 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN053123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 16 14:10:48 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/20/2023
 Supervised By :mohammad ahmed 06/20/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.005	152	4245	0.400	ng	0.00
7) Naphthalene-d8	10.824	136	10336	0.400	ng	# 0.01
13) Acenaphthene-d10	14.630	164	5495	0.400	ng	0.00
19) Phenanthrene-d10	17.381	188	10646	0.400	ng	0.00
29) Chrysene-d12	21.569	240	7842	0.400	ng	0.00
35) Perylene-d12	24.037	264	9004	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.564	112	1735	0.145	ng	0.02
5) Phenol-d6	7.196	99	1466	0.100	ng	0.04
8) Nitrobenzene-d5	9.212	82	1225	0.128	ng	0.04
11) 2-Methylnaphthalene-d10	12.423	152	2763	0.186	ng	0.03
14) 2,4,6-Tribromophenol	16.139	330	254	0.150	ng	0.01
15) 2-Fluorobiphenyl	13.272	172	4528	0.195	ng	0.01
27) Fluoranthene-d10	19.411	212	4942	0.226	ng	0.00
31) Terphenyl-d14	19.997	244	3762	0.198	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.383	88	154026	30.926	ng	# 93
34) Bis(2-ethylhexyl)phtha...	21.453	149	5499	0.305	ng	99

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

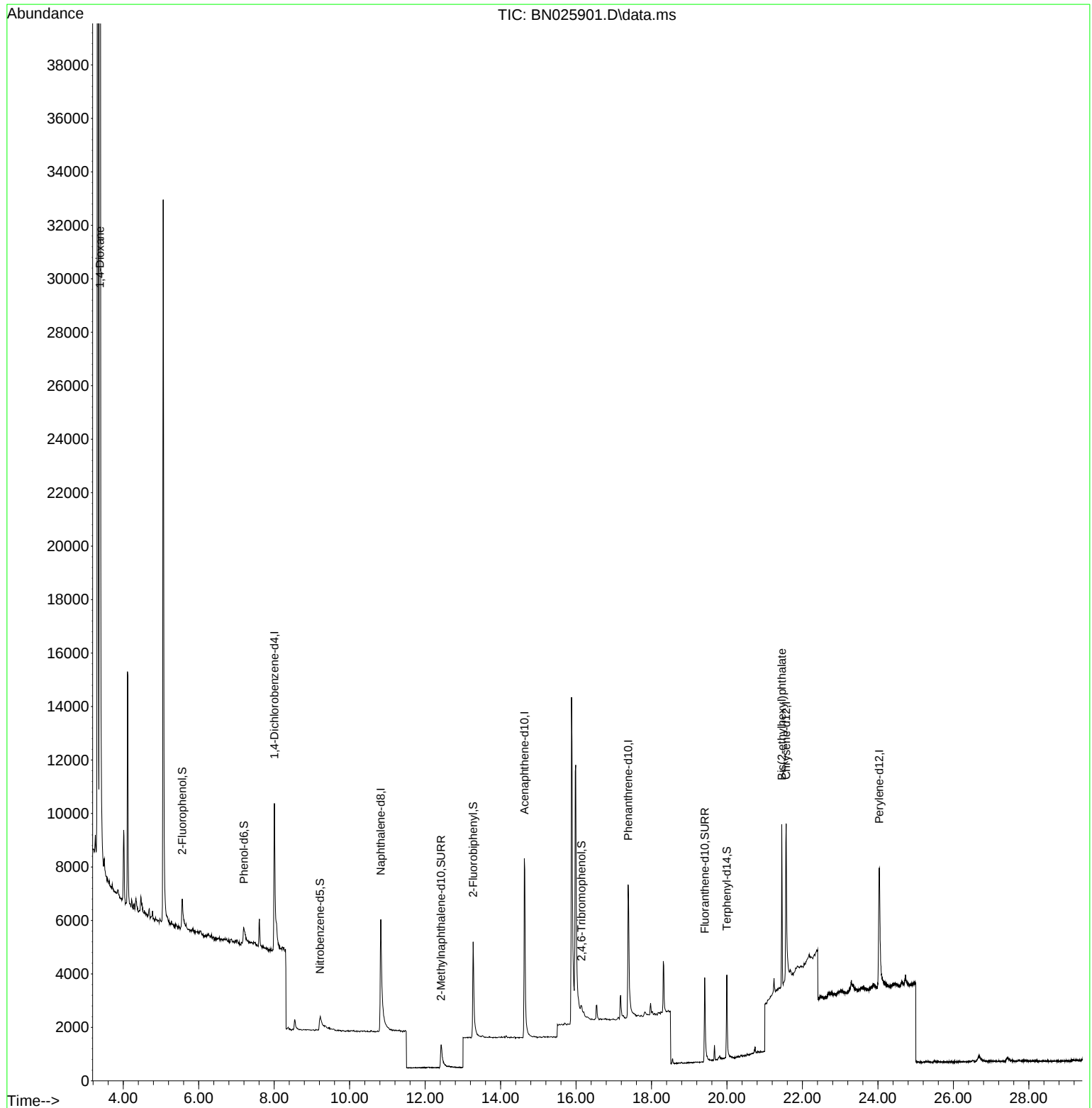
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061923\
Data File : BN025901.D
Acq On : 19 Jun 2023 15:26
Operator : MA/JU
Sample : 03259-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

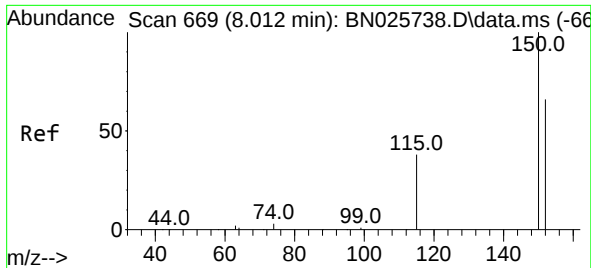
Instrument :
BNA_N
ClientSampleId :
GWOW-BR-05-167-187-061423

Quant Time: Jun 19 16:11:08 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN053123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 16 14:10:48 2023
Response via : Initial Calibration

Manual Integrations
APPROVED

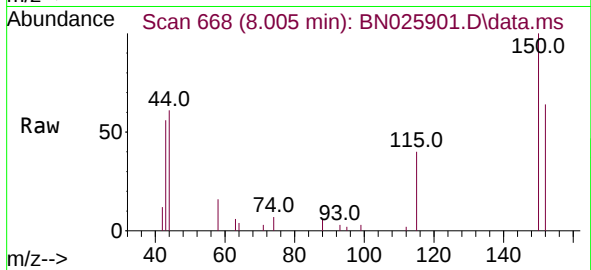
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023





#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.005 min Scan# 60
 Delta R.T. 0.007 min
 Lab File: BN025901.D
 Acq: 19 Jun 2023 15:26

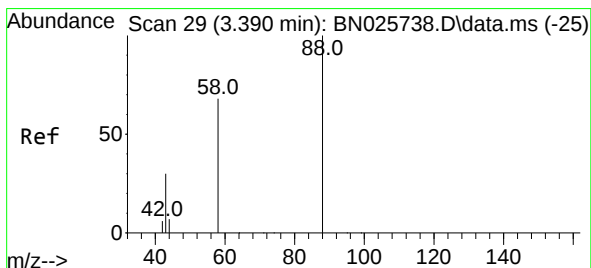
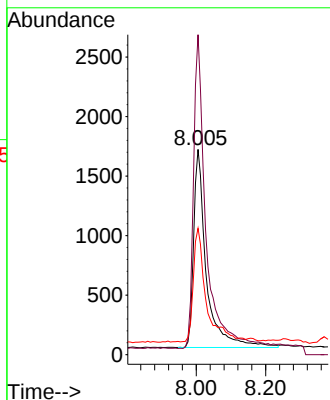
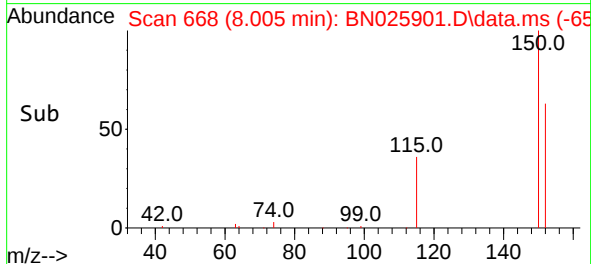
Instrument :
 BNA_N
 ClientSampleId :
 GWOW-BR-05-167-187-061423



Tgt Ion:152 Resp: 424
 Ion Ratio Lower Upper
 152 100
 150 155.9 121.5 182.3
 115 61.6 47.7 71.5

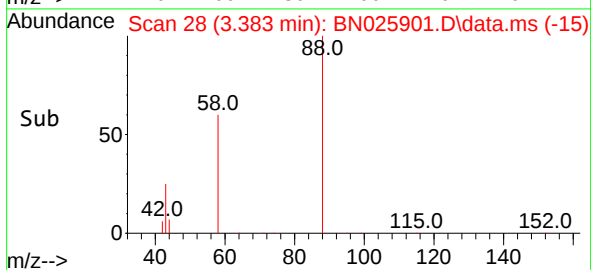
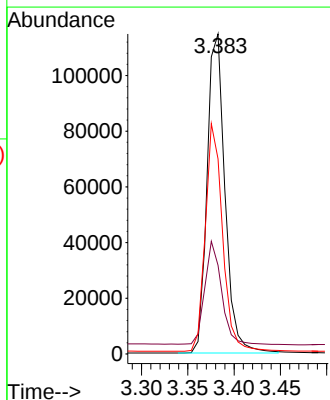
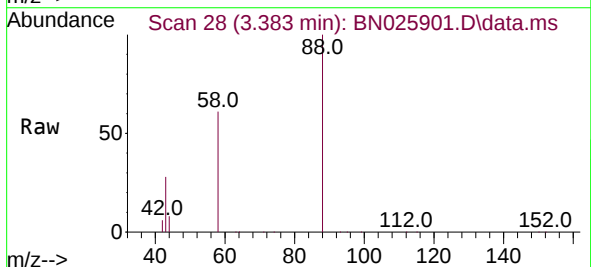
Manual Integrations
 APPROVED

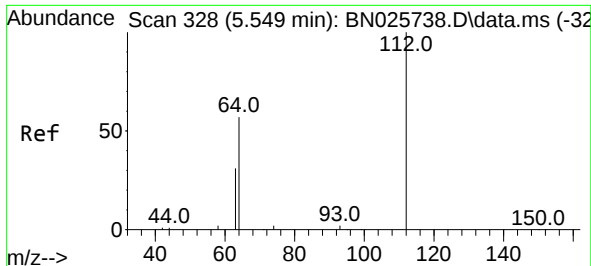
Reviewed By :Yogesh Patel 06/20/2023
 Supervised By :mohammad ahmed 06/20/2023



#2
 1,4-Dioxane
 Concen: 30.926 ng
 RT: 3.383 min Scan# 28
 Delta R.T. -0.007 min
 Lab File: BN025901.D
 Acq: 19 Jun 2023 15:26

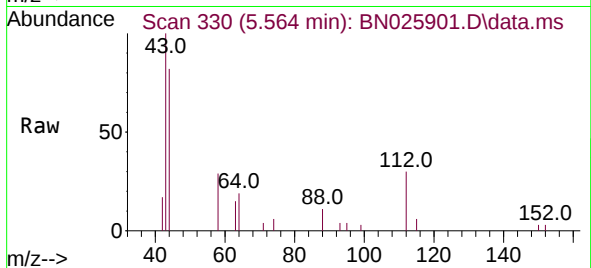
Tgt Ion: 88 Resp: 154026
 Ion Ratio Lower Upper
 88 100
 43 30.0 31.0 46.4#
 58 68.6 57.3 85.9





#4
2-Fluorophenol
Concen: 0.145 ng
RT: 5.564 min Scan# 31
Delta R.T. 0.021 min
Lab File: BN025901.D
Acq: 19 Jun 2023 15:26

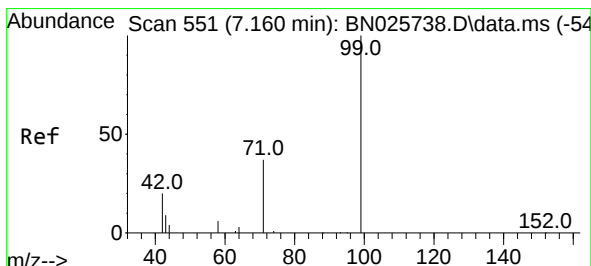
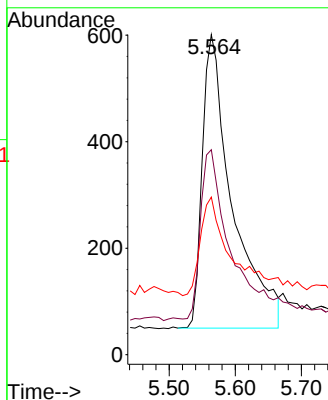
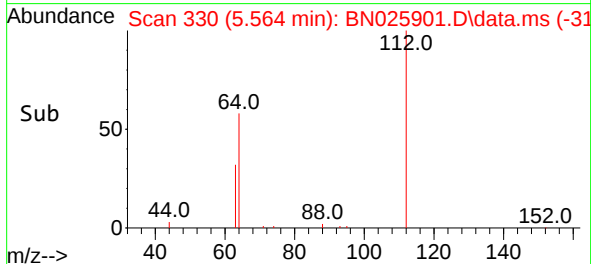
Instrument :
BNA_N
ClientSampleId :
GWOW-BR-05-167-187-061423



Tgt Ion: 112 Resp: 173
Ion Ratio Lower Upper
112 100
64 56.7 47.5 71.3
63 34.5 26.2 39.4

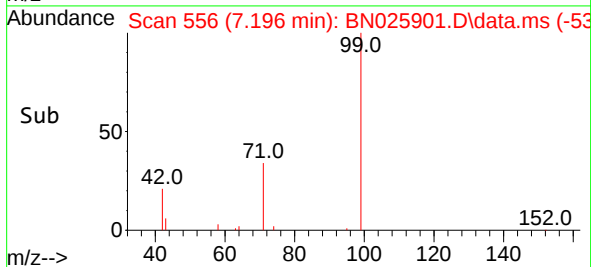
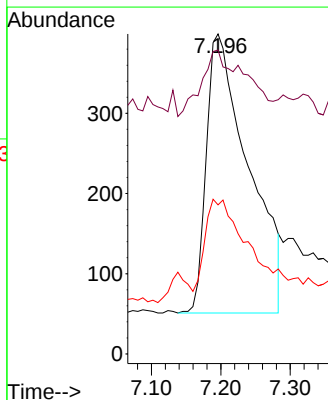
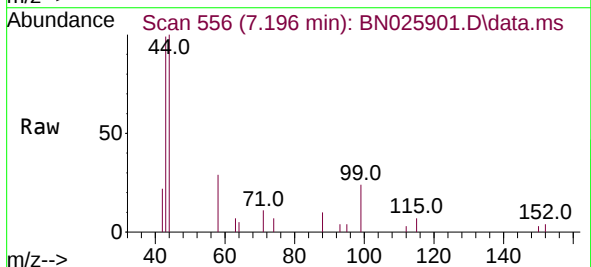
Manual Integrations
APPROVED

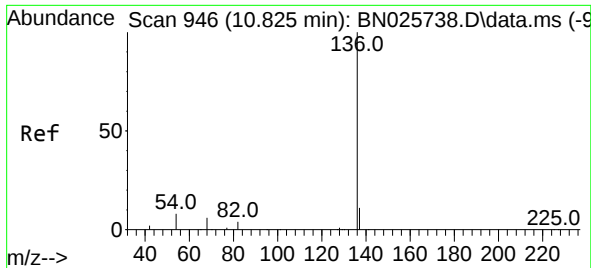
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023



#5
Phenol-d6
Concen: 0.100 ng
RT: 7.196 min Scan# 556
Delta R.T. 0.043 min
Lab File: BN025901.D
Acq: 19 Jun 2023 15:26

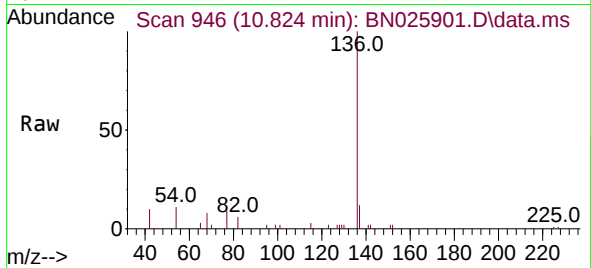
Tgt Ion: 99 Resp: 1466
Ion Ratio Lower Upper
99 100
42 25.2 18.6 28.0
71 31.6 30.5 45.7





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.824 min Scan# 946
Delta R.T. 0.010 min
Lab File: BN025901.D
Acq: 19 Jun 2023 15:26

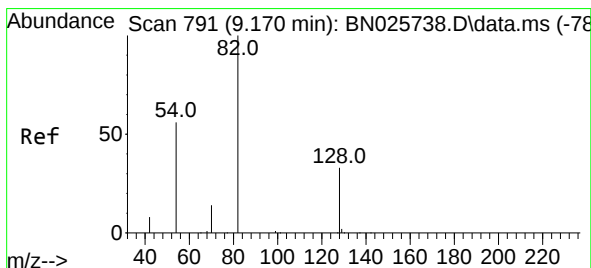
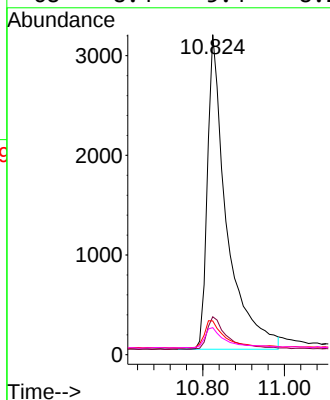
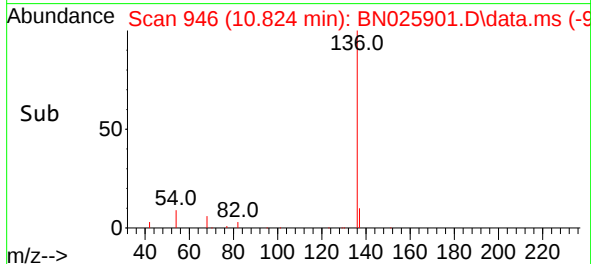
Instrument :
BNA_N
ClientSampleId :
GWOW-BR-05-167-187-061423



Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.3	13.9
54	10.6	7.2	10.8
68	8.4	5.4	8.2

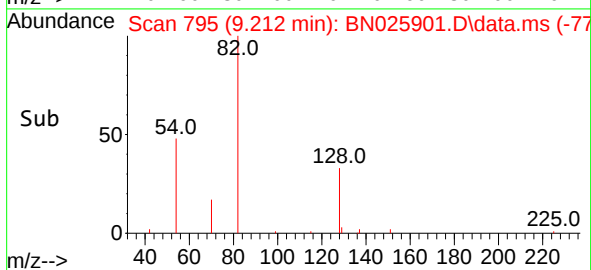
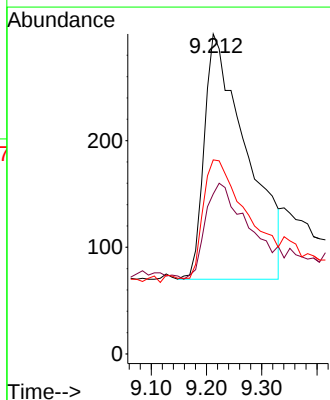
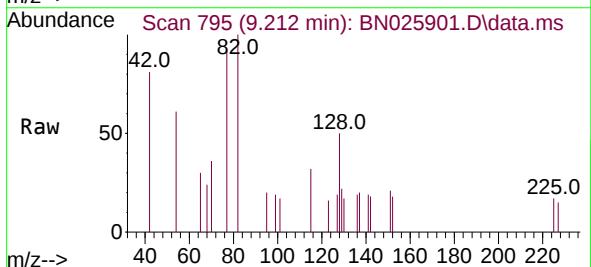
Manual Integrations
APPROVED

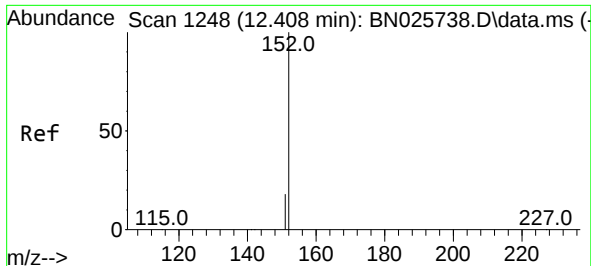
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023



#8
Nitrobenzene-d5
Concen: 0.128 ng
RT: 9.212 min Scan# 795
Delta R.T. 0.043 min
Lab File: BN025901.D
Acq: 19 Jun 2023 15:26

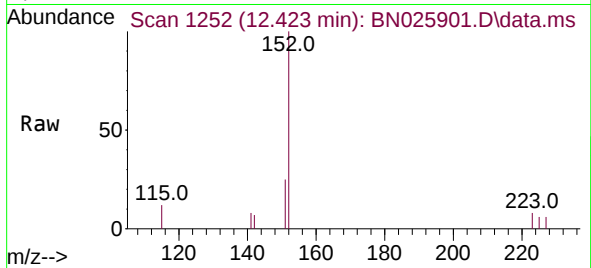
Tgt Ion	Ratio	Lower	Upper
82	100		
128	50.0	27.6	41.4
54	60.7	45.7	68.5





#11
2-Methylnaphthalene-d10
Concen: 0.186 ng
RT: 12.423 min Scan# 11
Delta R.T. 0.026 min
Lab File: BN025901.D
Acq: 19 Jun 2023 15:26

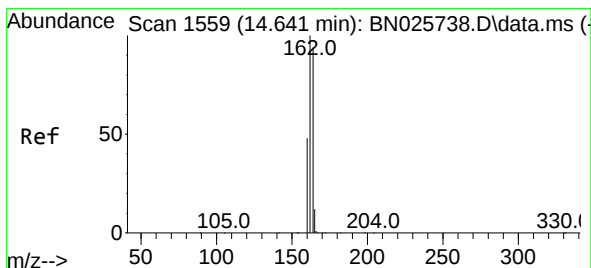
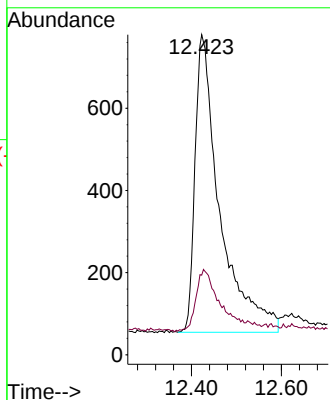
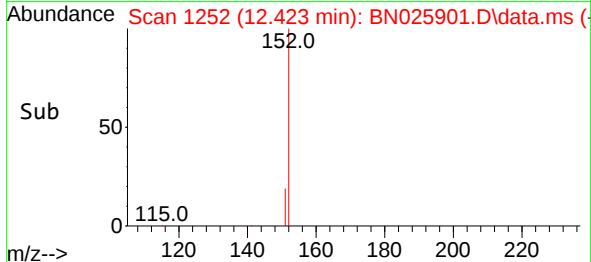
Instrument :
BNA_N
ClientSampleId :
GWOW-BR-05-167-187-061423



Tgt Ion:152 Resp: 276
Ion Ratio Lower Upper
152 100
151 20.4 16.4 24.6

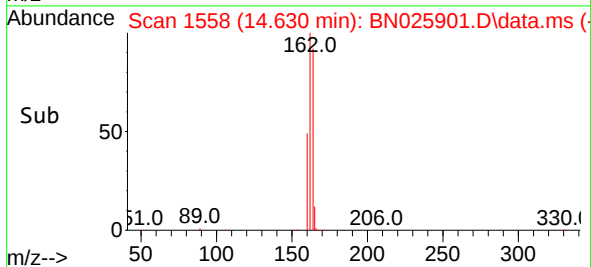
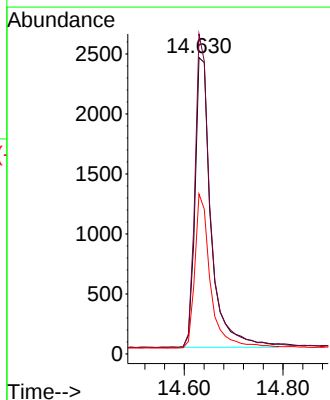
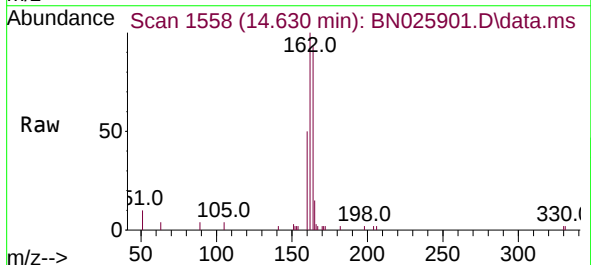
Manual Integrations
APPROVED

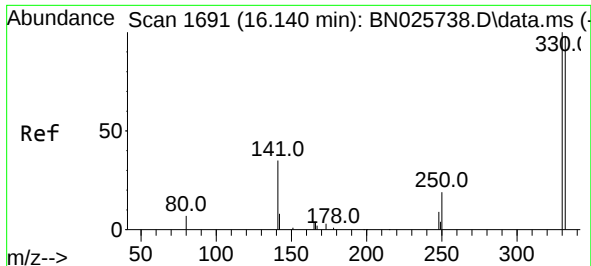
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.630 min Scan# 1558
Delta R.T. -0.000 min
Lab File: BN025901.D
Acq: 19 Jun 2023 15:26

Tgt Ion:164 Resp: 5495
Ion Ratio Lower Upper
164 100
162 108.0 85.0 127.6
160 54.0 41.1 61.7





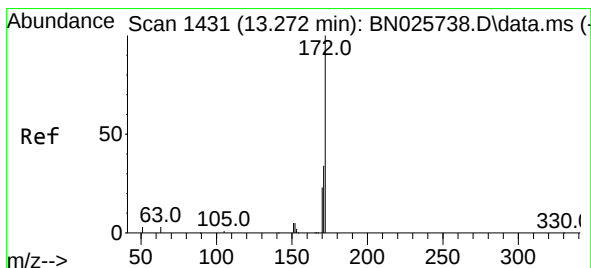
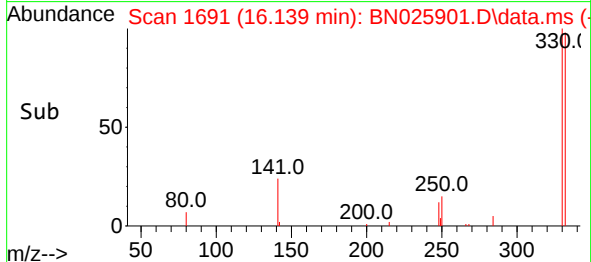
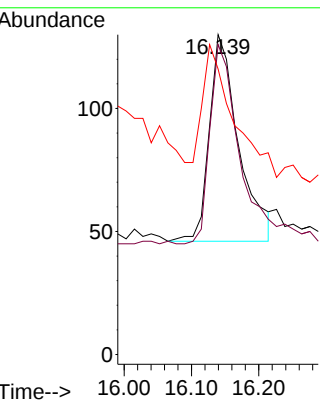
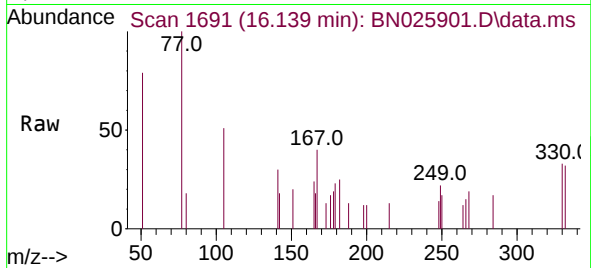
#14
2,4,6-Tribromophenol
Concen: 0.150 ng
RT: 16.139 min Scan# 1691
Delta R.T. 0.012 min
Lab File: BN025901.D
Acq: 19 Jun 2023 15:26

Instrument :
BNA_N
ClientSampleId :
GWOW-BR-05-167-187-061423

Tgt Ion:330 Resp: 254
Ion Ratio Lower Upper
330 100
332 96.5 77.3 115.9
141 66.9 55.0 82.6

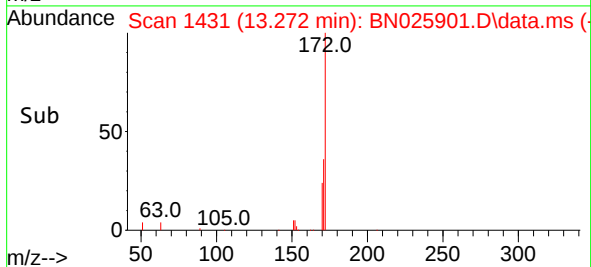
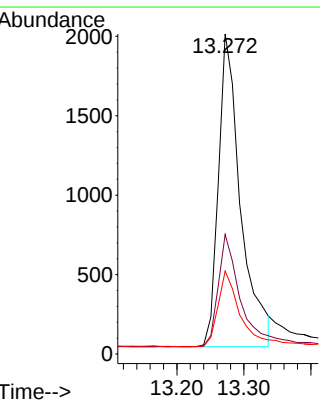
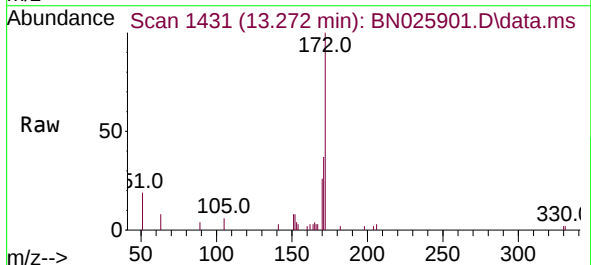
Manual Integrations
APPROVED

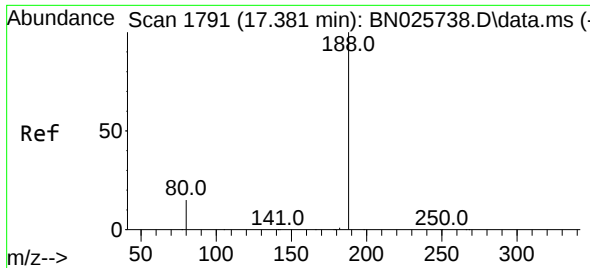
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023



#15
2-Fluorobiphenyl
Concen: 0.195 ng
RT: 13.272 min Scan# 1431
Delta R.T. 0.011 min
Lab File: BN025901.D
Acq: 19 Jun 2023 15:26

Tgt Ion:172 Resp: 4528
Ion Ratio Lower Upper
172 100
171 37.4 27.3 40.9
170 25.9 18.6 28.0





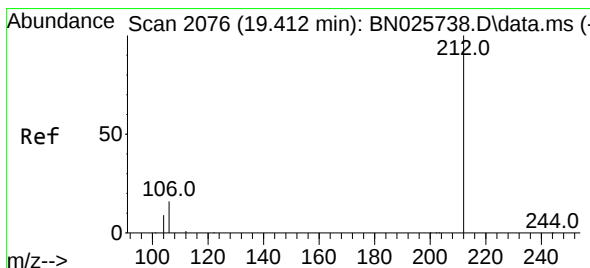
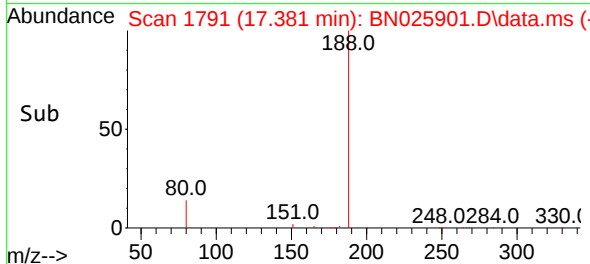
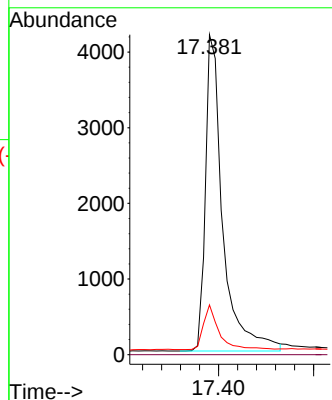
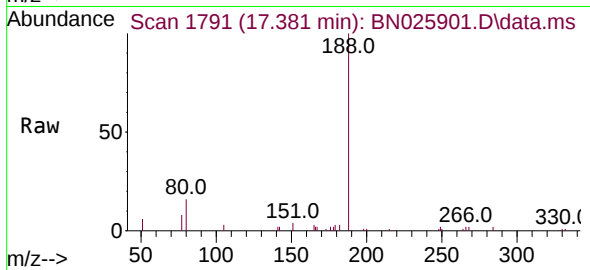
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.381 min Scan# 1791
Delta R.T. -0.000 min
Lab File: BN025901.D
Acq: 19 Jun 2023 15:26

Instrument : BNA_N
ClientSampleId : GWOW-BR-05-167-187-061423

Tgt Ion:188 Resp: 10640
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 15.5 12.1 18.1

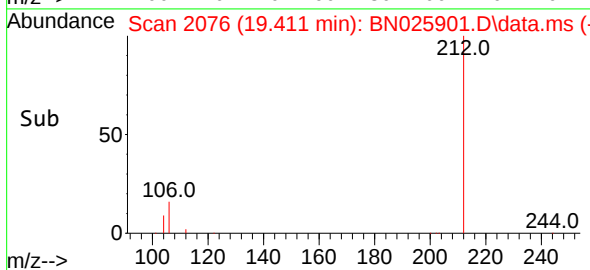
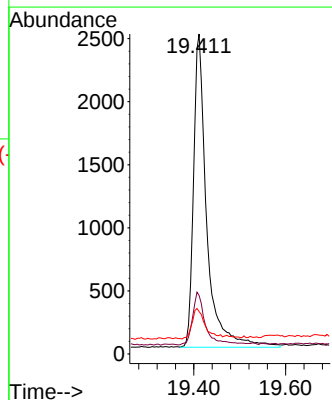
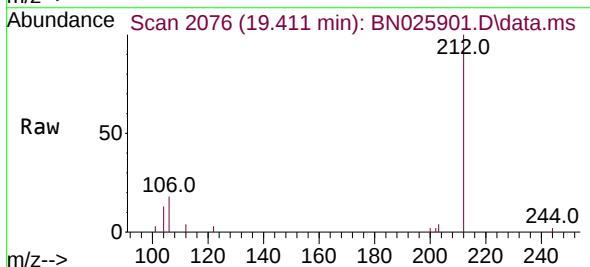
Manual Integrations
APPROVED

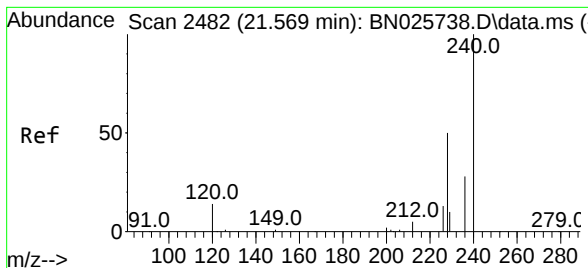
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023



#27
Fluoranthene-d10
Concen: 0.226 ng
RT: 19.411 min Scan# 2076
Delta R.T. 0.004 min
Lab File: BN025901.D
Acq: 19 Jun 2023 15:26

Tgt Ion:212 Resp: 4942
Ion Ratio Lower Upper
212 100
106 16.2 13.0 19.6
104 9.7 7.7 11.5





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.569 min Scan# 2482

Delta R.T. 0.009 min

Lab File: BN025901.D

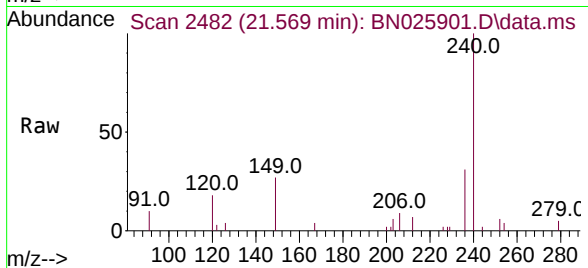
Acq: 19 Jun 2023 15:26

Instrument :

BNA_N

ClientSampleId :

GWOW-BR-05-167-187-061423



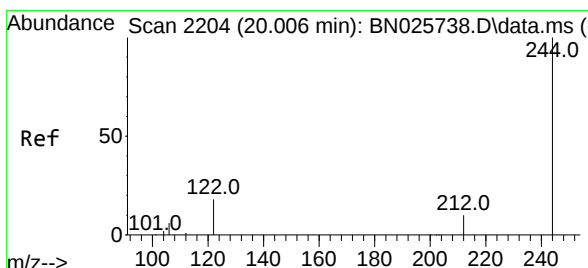
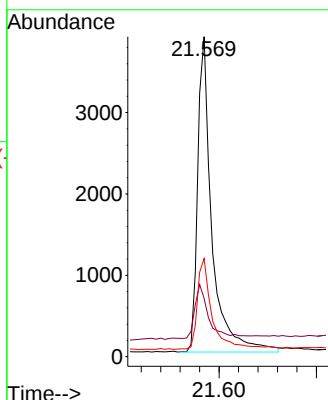
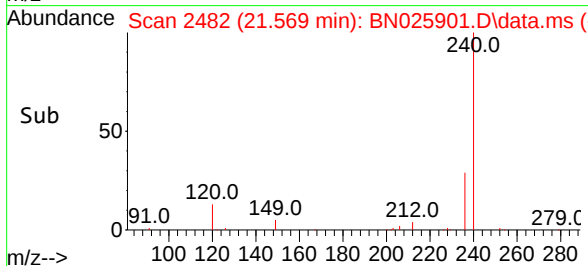
Tgt Ion:240	Resp:	784
Ion Ratio	Lower	Upper
240	100	
120	18.2	13.2 19.8
236	30.7	23.1 34.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/20/2023

Supervised By :mohammad ahmed 06/20/2023



#31

Terphenyl-d14

Concen: 0.198 ng

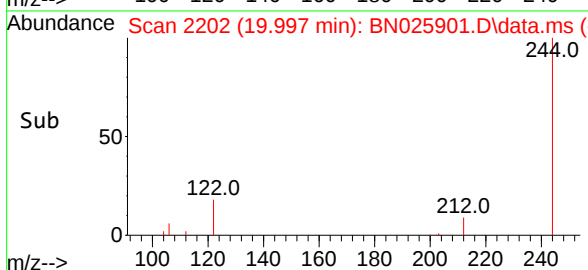
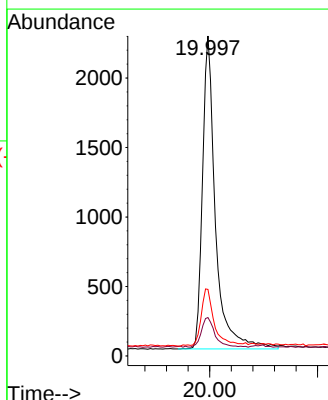
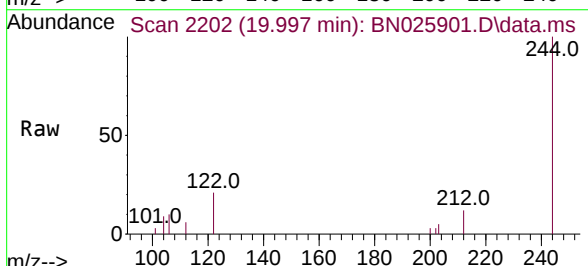
RT: 19.997 min Scan# 2202

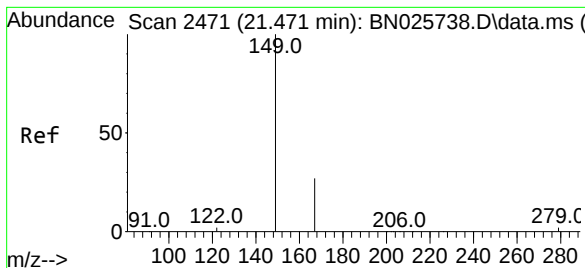
Delta R.T. -0.000 min

Lab File: BN025901.D

Acq: 19 Jun 2023 15:26

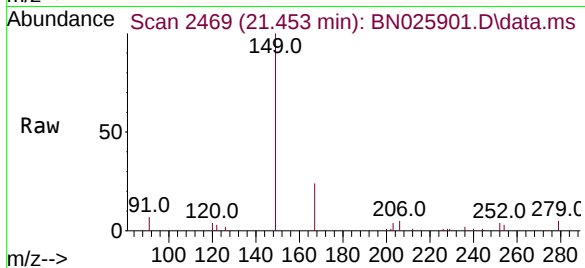
Tgt Ion:244	Resp:	3762
Ion Ratio	Lower	Upper
244	100	
212	12.0	8.6 12.8
122	20.8	15.2 22.8





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.305 ng
RT: 21.453 min Scan# 2469
Delta R.T. -0.000 min
Lab File: BN025901.D
Acq: 19 Jun 2023 15:26

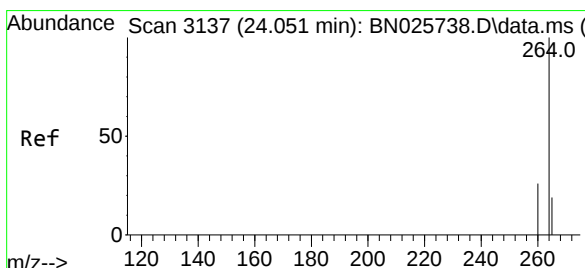
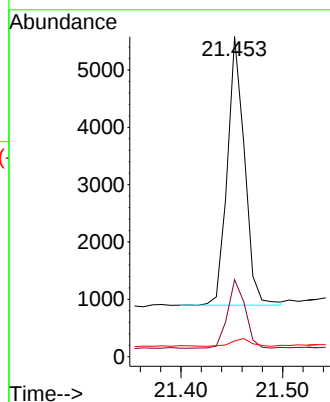
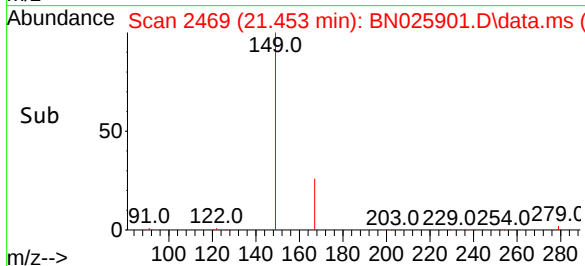
Instrument :
BNA_N
ClientSampleId :
GWOW-BR-05-167-187-061423



Tgt Ion:149 Resp: 5498
Ion Ratio Lower Upper
149 100
167 26.0 21.0 31.6
279 3.1 2.2 3.4

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023



#35
Perylene-d12
Concen: 0.400 ng
RT: 24.037 min Scan# 3132
Delta R.T. -0.003 min
Lab File: BN025901.D
Acq: 19 Jun 2023 15:26

Tgt Ion:264 Resp: 9004
Ion Ratio Lower Upper
264 100
260 28.1 21.4 32.2
265 75.1 44.7 67.1#

