

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061925\
 Data File : BN037329.D
 Acq On : 19 Jun 2025 01:04
 Operator : RC/JU
 Sample : Q2329-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT188S1-20250612

Manual Integrations
 APPROVED

Reviewed By :Anahy Claudio 06/19/2025
 Supervised By :mohammad ahmed 06/23/2025

Quant Time: Jun 19 04:05:12 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 18 18:40:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.575	152	805	0.400	ng	0.00
7) Naphthalene-d8	10.351	136	1809	0.400	ng	0.00
13) Acenaphthene-d10	14.224	164	1315	0.400	ng	0.00
19) Phenanthrene-d10	16.971	188	2637	0.400	ng	0.00
29) Chrysene-d12	21.171	240	2639	0.400	ng	0.00
35) Perylene-d12	23.357	264	2745	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.170	112	211	0.144	ng	0.00
5) Phenol-d6	6.759	99	125	0.087	ng	0.00
8) Nitrobenzene-d5	8.728	82	436	0.289	ng	0.00
11) 2-Methylnaphthalene-d10	11.950	152	1003	0.341	ng	0.00
14) 2,4,6-Tribromophenol	15.718	330	353	0.364	ng	0.00
15) 2-Fluorobiphenyl	12.843	172	1933	0.335	ng	0.00
27) Fluoranthene-d10	19.008	212	3456	0.413	ng	0.00
31) Terphenyl-d14	19.616	244	2888	0.477	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.104	88	86m	0.120	ng	
34) Bis(2-ethylhexyl)phtha...	21.099	149	311	0.089	ng	# 95

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

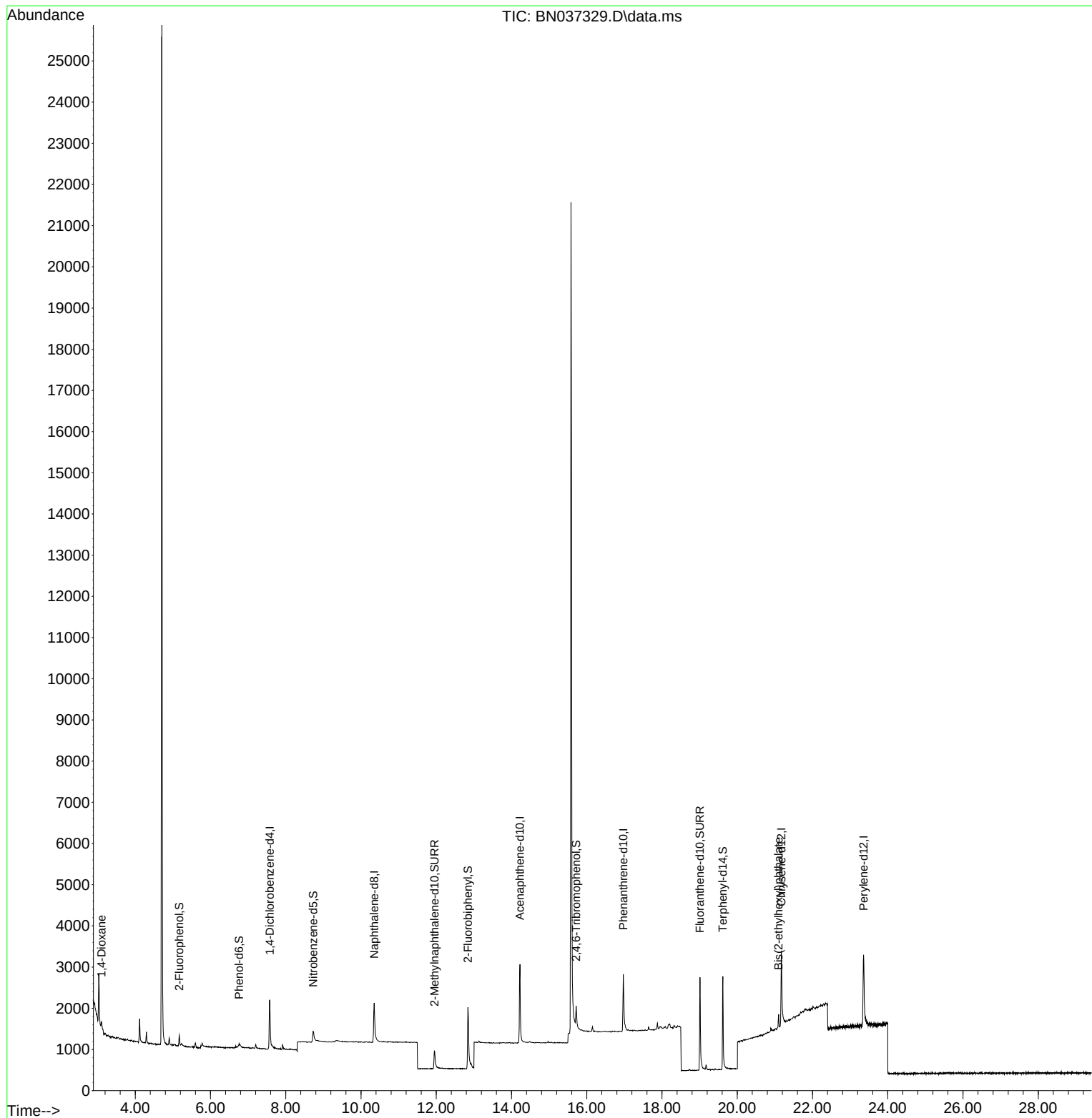
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061925\
Data File : BN037329.D
Acq On : 19 Jun 2025 01:04
Operator : RC/JU
Sample : Q2329-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

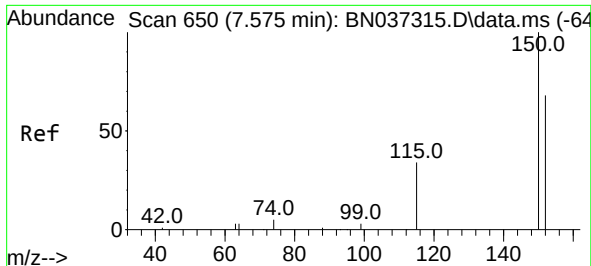
Instrument :
BNA_N
ClientSampleId :
TT188S1-20250612

Quant Time: Jun 19 04:05:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 18 18:40:16 2025
Response via : Initial Calibration

Manual Integrations
APPROVED

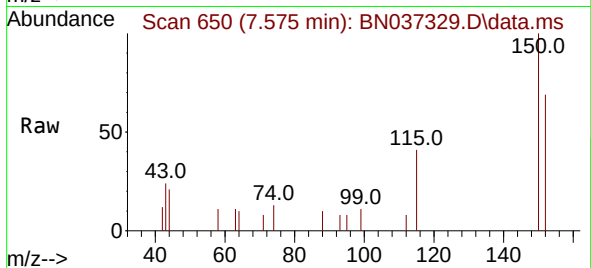
Reviewed By :Anahy Claudio 06/19/2025
Supervised By :mohammad ahmed 06/23/2025





#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.575 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: BN037329.D
 Acq: 19 Jun 2025 01:04

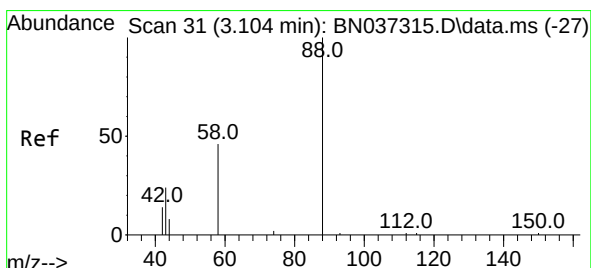
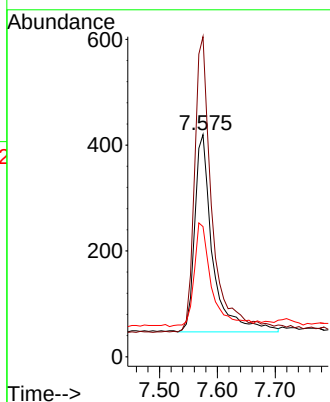
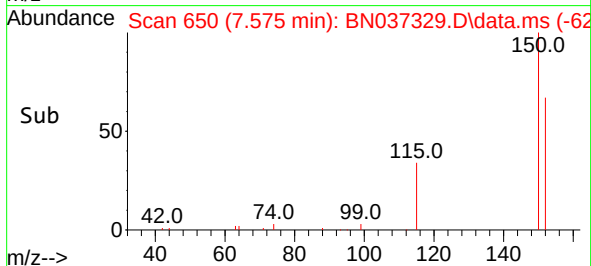
Instrument :
 BNA_N
 ClientSampleId :
 TT188S1-20250612



Tgt Ion: 152 Resp: 809
 Ion Ratio Lower Upper
 152 100
 150 144.0 112.7 169.1
 115 58.6 45.9 68.9

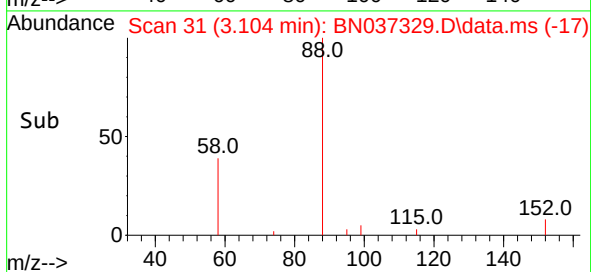
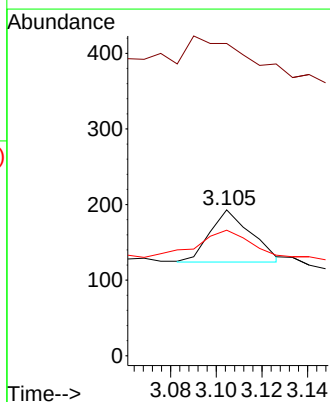
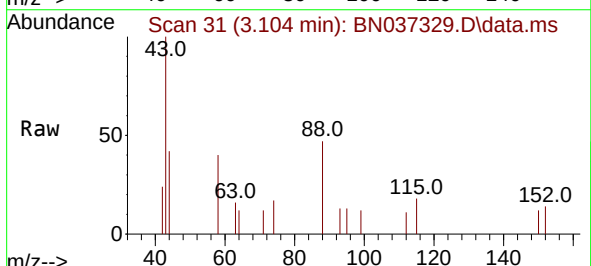
Manual Integrations
 APPROVED

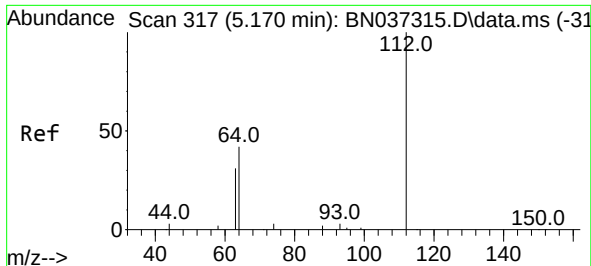
Reviewed By :Anahy Claudio 06/19/2025
 Supervised By :mohammad ahmed 06/23/2025



#2
 1,4-Dioxane
 Concen: 0.120 ng m
 RT: 3.104 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: BN037329.D
 Acq: 19 Jun 2025 01:04

Tgt Ion: 88 Resp: 86
 Ion Ratio Lower Upper
 88 100
 43 281.4 21.0 31.6#
 58 146.5 38.0 57.0#





#4

2-Fluorophenol

Concen: 0.144 ng

RT: 5.170 min Scan# 317

Delta R.T. 0.000 min

Lab File: BN037329.D

Acq: 19 Jun 2025 01:04

Instrument :

BNA_N

ClientSampleId :

TT188S1-20250612

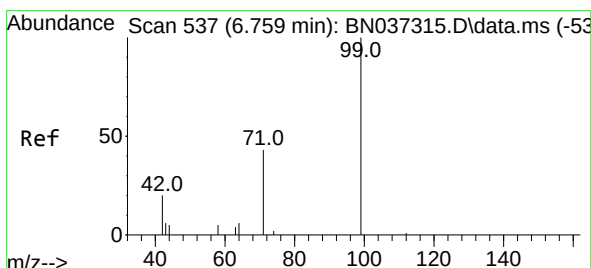
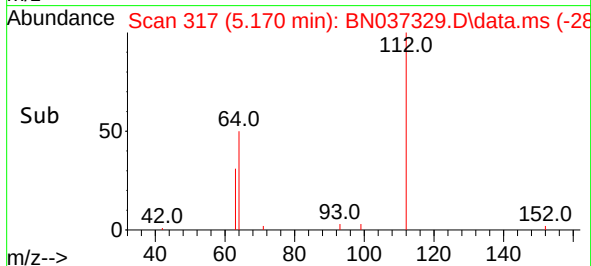
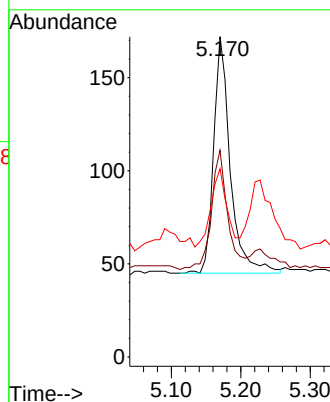
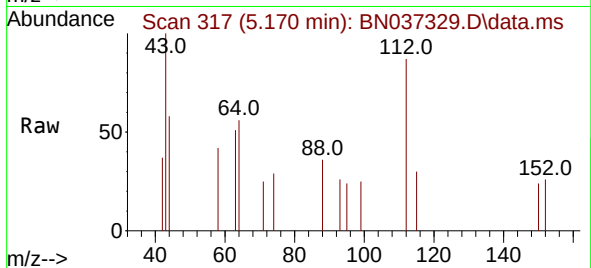
Tgt Ion: 112 Resp: 211

Ion	Ratio	Lower	Upper
112	100		
64	49.3	38.7	58.1
63	31.8	26.4	39.6

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 06/19/2025
Supervised By :mohammad ahmed 06/23/2025



#5

Phenol-d6

Concen: 0.087 ng

RT: 6.759 min Scan# 537

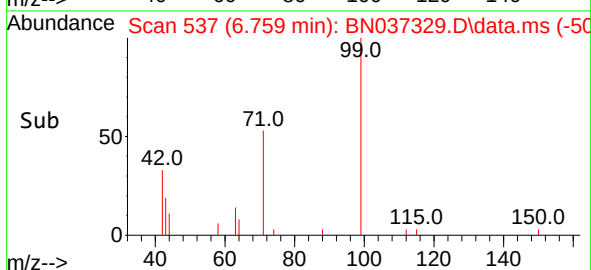
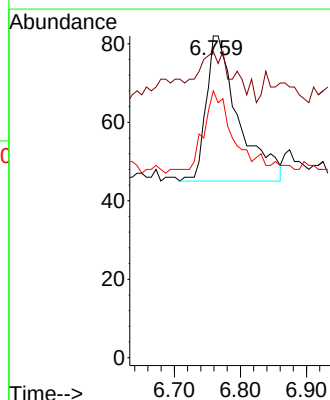
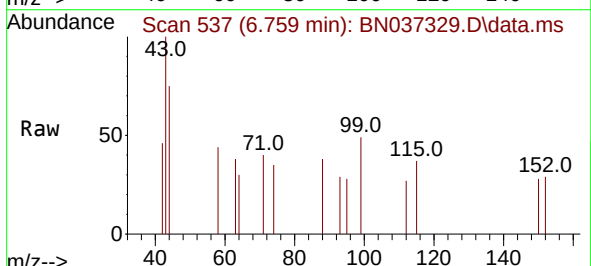
Delta R.T. 0.000 min

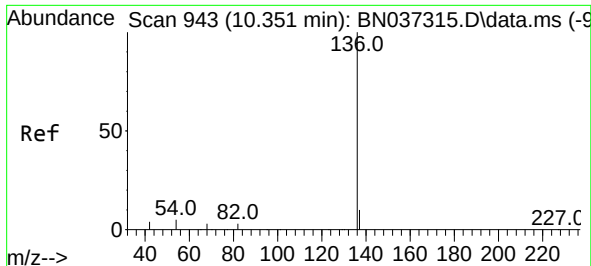
Lab File: BN037329.D

Acq: 19 Jun 2025 01:04

Tgt Ion: 99 Resp: 125

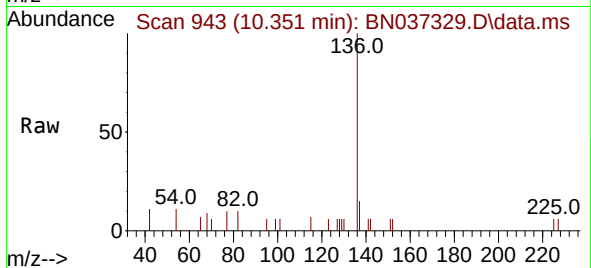
Ion	Ratio	Lower	Upper
99	100		
42	35.2	19.8	29.8
71	49.6	42.6	64.0





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.351 min Scan# 943
Delta R.T. 0.000 min
Lab File: BN037329.D
Acq: 19 Jun 2025 01:04

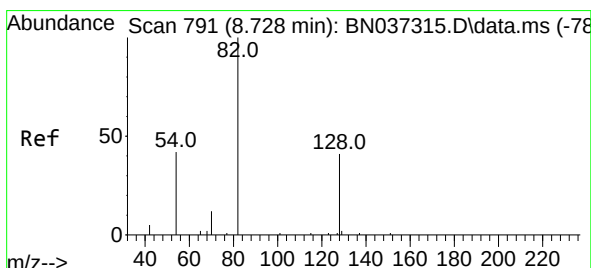
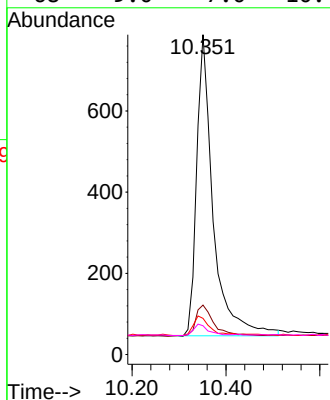
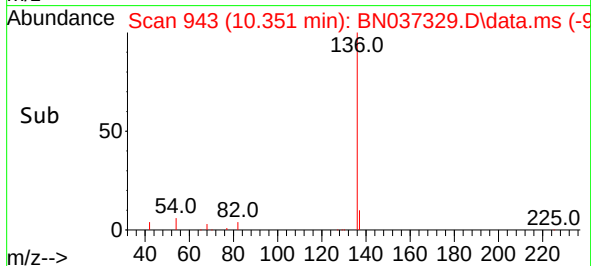
Instrument :
BNA_N
ClientSampleId :
TT188S1-20250612



Tgt Ion	Ratio	Lower	Upper
136	100		
137	15.5	12.2	18.2
54	11.3	8.8	13.2
68	9.0	7.0	10.4

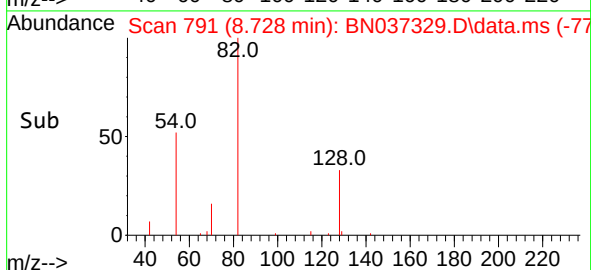
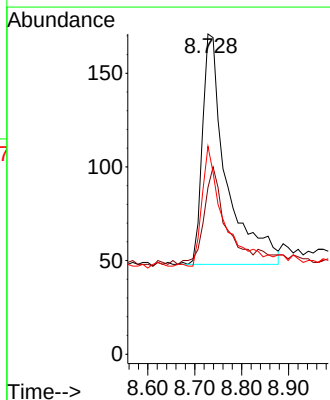
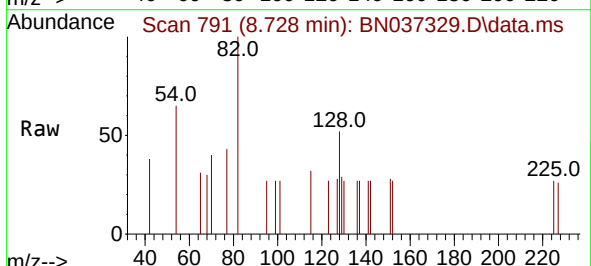
Manual Integrations
APPROVED

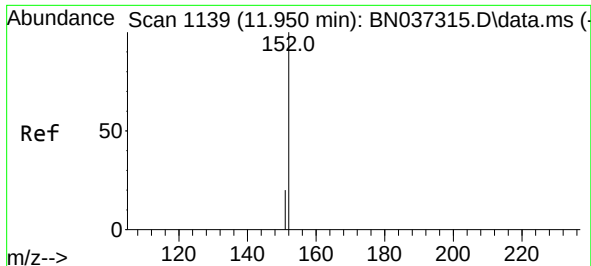
Reviewed By :Anahy Claudio 06/19/2025
Supervised By :mohammad ahmed 06/23/2025



#8
Nitrobenzene-d5
Concen: 0.289 ng
RT: 8.728 min Scan# 791
Delta R.T. 0.000 min
Lab File: BN037329.D
Acq: 19 Jun 2025 01:04

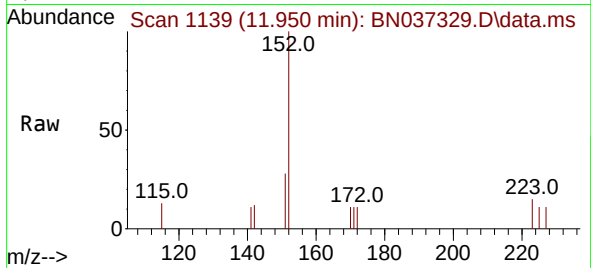
Tgt Ion	Ratio	Lower	Upper
82	100		
128	52.0	42.5	63.7
54	64.9	43.2	64.8





#11
2-Methylnaphthalene-d10
Concen: 0.341 ng
RT: 11.950 min Scan# 1139
Delta R.T. 0.000 min
Lab File: BN037329.D
Acq: 19 Jun 2025 01:04

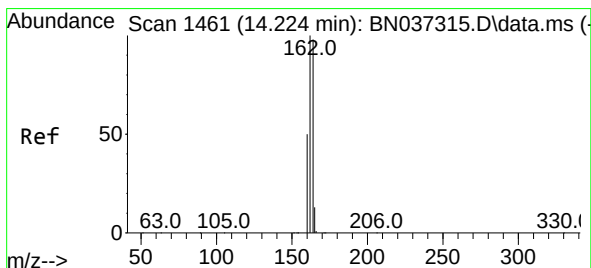
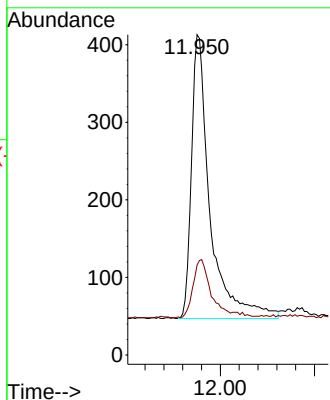
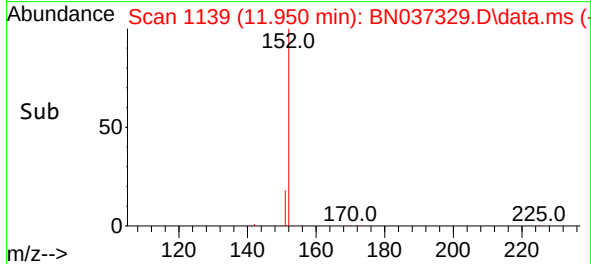
Instrument :
BNA_N
ClientSampleId :
TT188S1-20250612



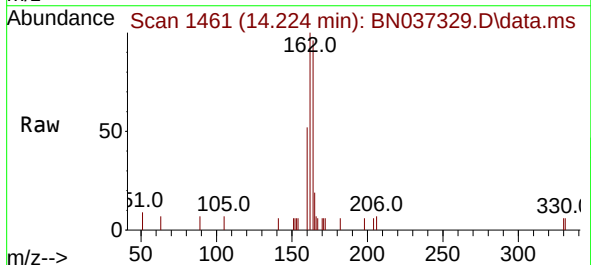
Tgt Ion:152 Resp: 100
Ion Ratio Lower Upper
152 100
151 20.2 17.4 26.0

Manual Integrations
APPROVED

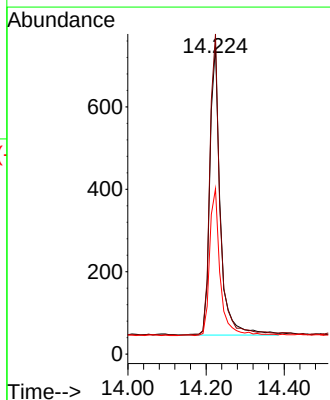
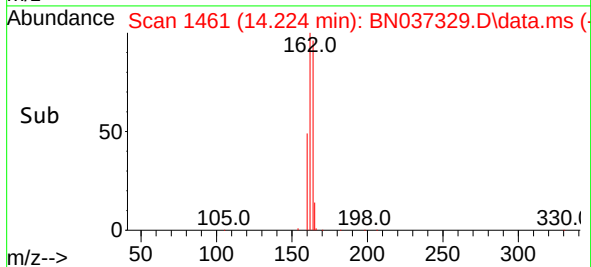
Reviewed By :Anahy Claudio 06/19/2025
Supervised By :mohammad ahmed 06/23/2025

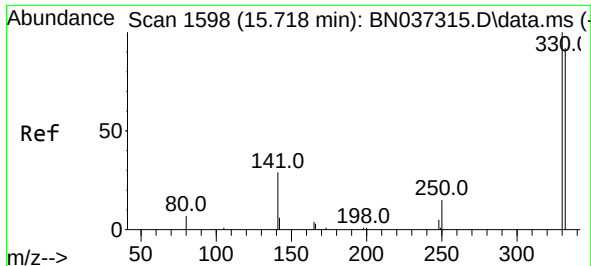


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.224 min Scan# 1461
Delta R.T. 0.000 min
Lab File: BN037329.D
Acq: 19 Jun 2025 01:04



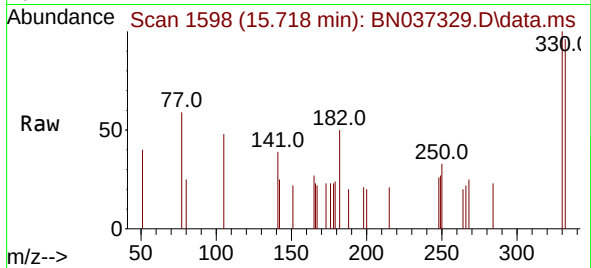
Tgt Ion:164 Resp: 1315
Ion Ratio Lower Upper
164 100
162 103.7 81.5 122.3
160 53.5 43.0 64.4





#14
2,4,6-Tribromophenol
Concen: 0.364 ng
RT: 15.718 min Scan# 1598
Delta R.T. 0.000 min
Lab File: BN037329.D
Acq: 19 Jun 2025 01:04

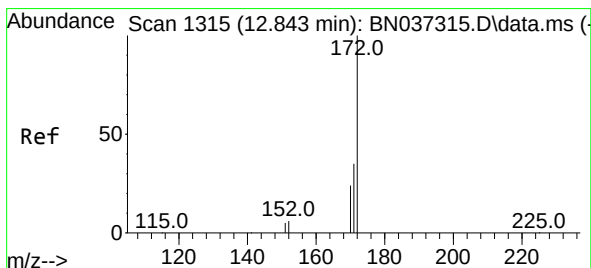
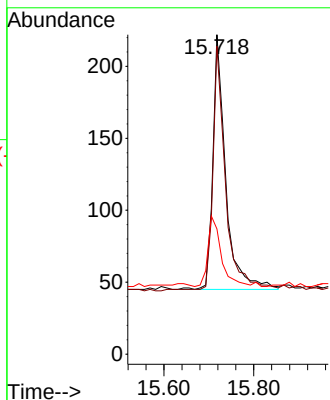
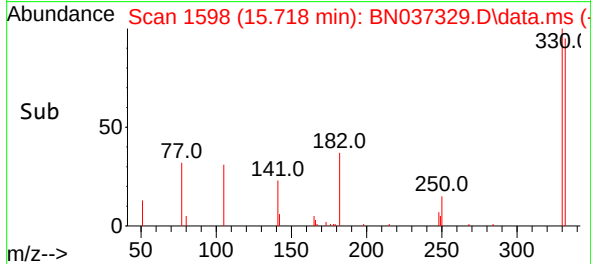
Instrument :
BNA_N
ClientSampleId :
TT188S1-20250612



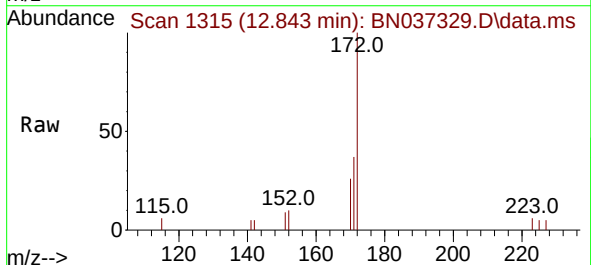
Tgt Ion: 330 Resp: 350
Ion Ratio Lower Upper
330 100
332 91.5 78.4 117.6
141 29.2 24.4 36.6

Manual Integrations
APPROVED

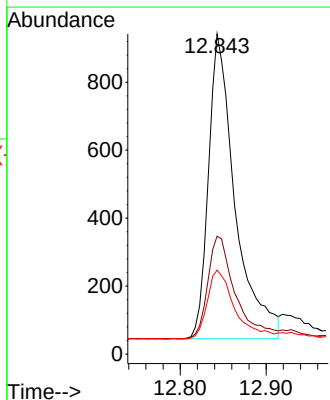
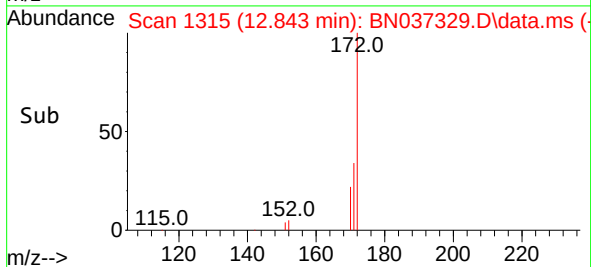
Reviewed By :Anahy Claudio 06/19/2025
Supervised By :mohammad ahmed 06/23/2025

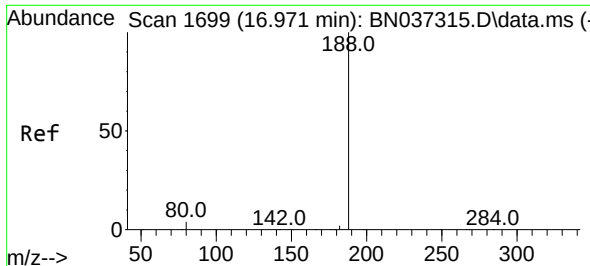


#15
2-Fluorobiphenyl
Concen: 0.335 ng
RT: 12.843 min Scan# 1315
Delta R.T. 0.000 min
Lab File: BN037329.D
Acq: 19 Jun 2025 01:04



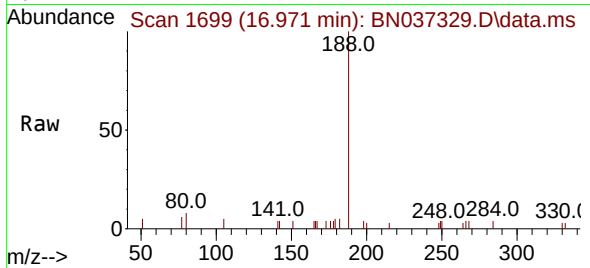
Tgt Ion: 172 Resp: 1933
Ion Ratio Lower Upper
172 100
171 36.8 30.8 46.2
170 26.2 21.9 32.9





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.971 min Scan# 1699
Delta R.T. 0.000 min
Lab File: BN037329.D
Acq: 19 Jun 2025 01:04

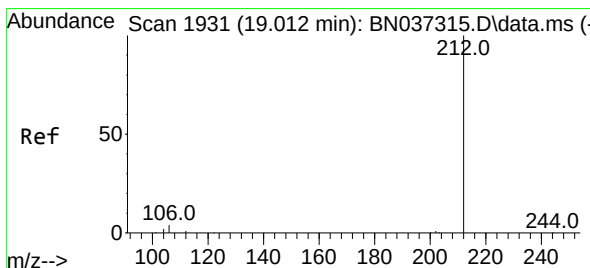
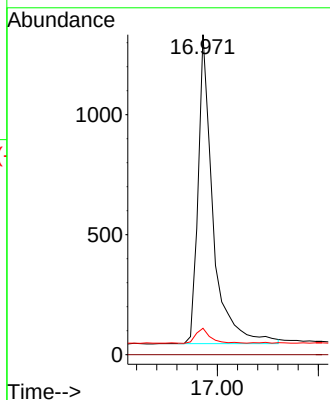
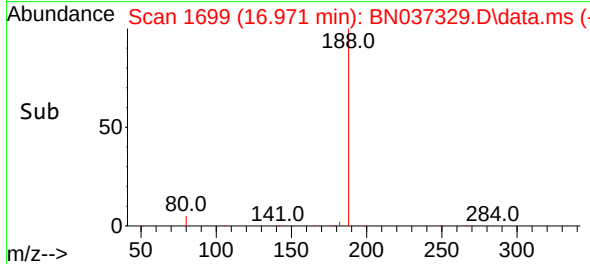
Instrument :
BNA_N
ClientSampleId :
TT188S1-20250612



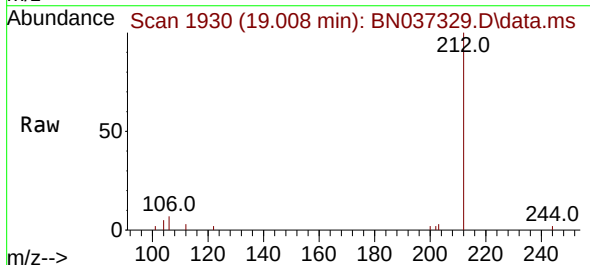
Tgt Ion:188 Resp: 263
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.3 6.2 9.2

Manual Integrations
APPROVED

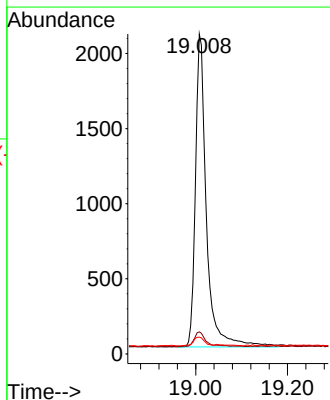
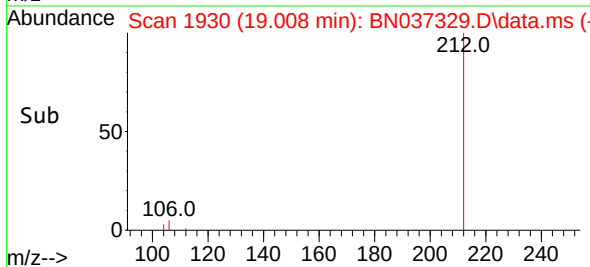
Reviewed By :Anahy Claudio 06/19/2025
Supervised By :mohammad ahmed 06/23/2025

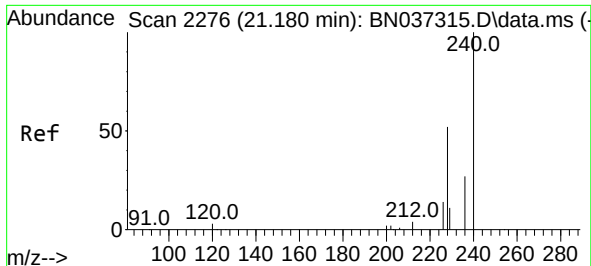


#27
Fluoranthene-d10
Concen: 0.413 ng
RT: 19.008 min Scan# 1930
Delta R.T. -0.005 min
Lab File: BN037329.D
Acq: 19 Jun 2025 01:04



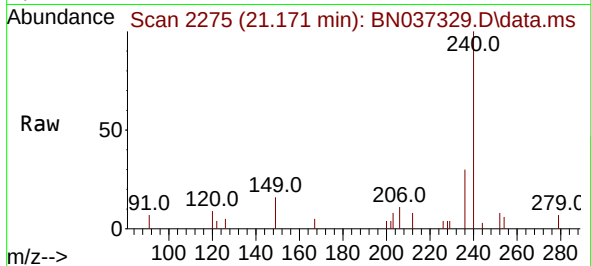
Tgt Ion:212 Resp: 3456
Ion Ratio Lower Upper
212 100
106 5.0 3.0 4.4#
104 2.8 2.0 3.0





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.171 min Scan# 211
Delta R.T. -0.009 min
Lab File: BN037329.D
Acq: 19 Jun 2025 01:04

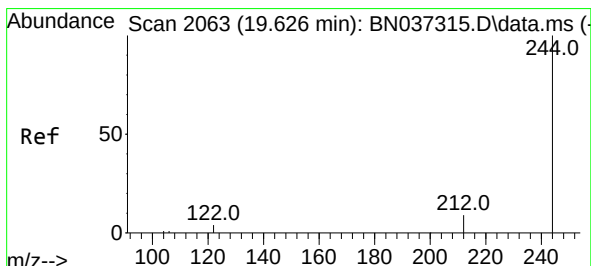
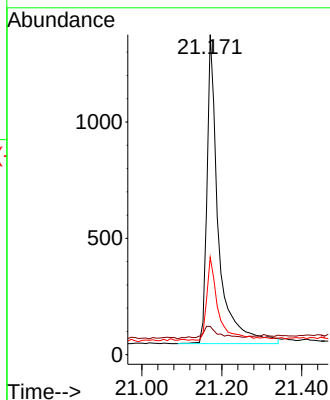
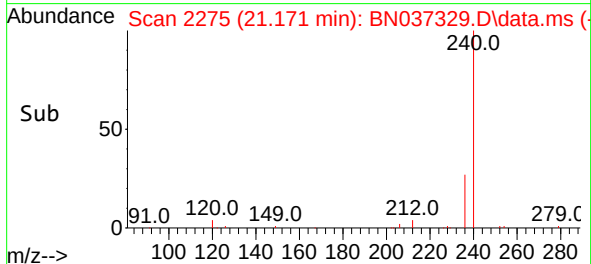
Instrument :
BNA_N
ClientSampleId :
TT188S1-20250612



Tgt Ion:240 Resp: 2639
Ion Ratio Lower Upper
240 100
120 8.9 7.5 11.3
236 30.5 24.9 37.3

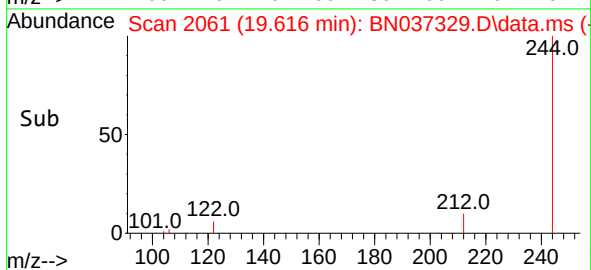
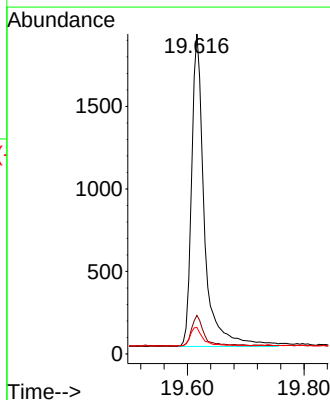
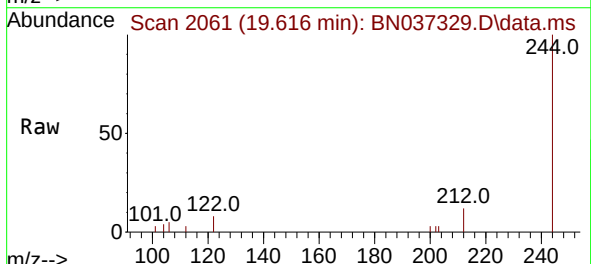
Manual Integrations
APPROVED

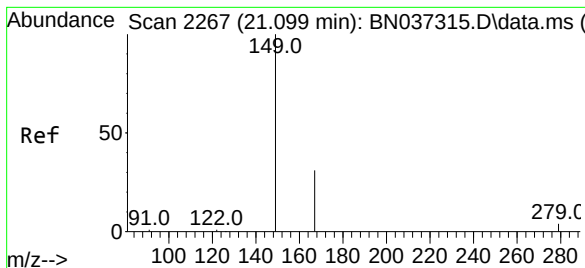
Reviewed By :Anahy Claudio 06/19/2025
Supervised By :mohammad ahmed 06/23/2025



#31
Terphenyl-d14
Concen: 0.477 ng
RT: 19.616 min Scan# 2061
Delta R.T. -0.009 min
Lab File: BN037329.D
Acq: 19 Jun 2025 01:04

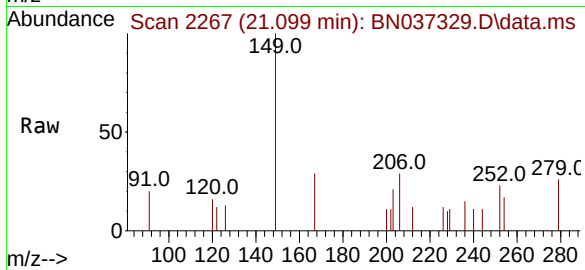
Tgt Ion:244 Resp: 2888
Ion Ratio Lower Upper
244 100
212 12.1 11.1 16.7
122 8.3 7.2 10.8





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.089 ng
RT: 21.099 min Scan# 2107
Delta R.T. 0.000 min
Lab File: BN037329.D
Acq: 19 Jun 2025 01:04

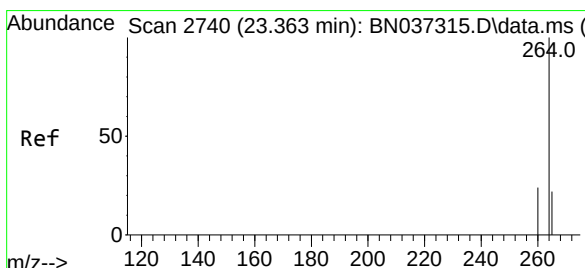
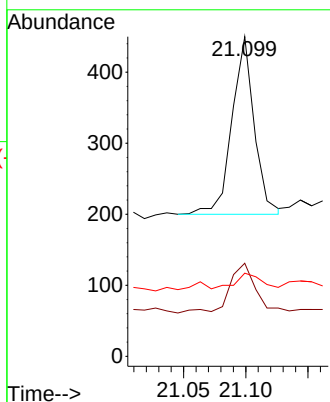
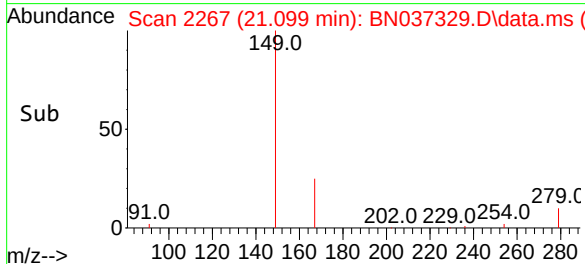
Instrument :
BNA_N
ClientSampleId :
TT188S1-20250612



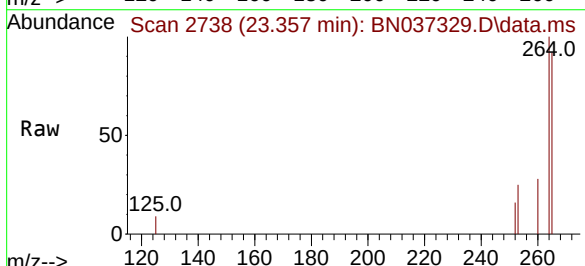
Tgt Ion:149 Resp: 311
Ion Ratio Lower Upper
149 100
167 33.4 24.6 37.0
279 10.0 6.5 9.7

Manual Integrations
APPROVED

Reviewed By :Anahy Claudio 06/19/2025
Supervised By :mohammad ahmed 06/23/2025



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.357 min Scan# 2738
Delta R.T. -0.006 min
Lab File: BN037329.D
Acq: 19 Jun 2025 01:04



Tgt Ion:264 Resp: 2745
Ion Ratio Lower Upper
264 100
260 28.0 21.4 32.2
265 92.2 71.4 107.0

