

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022425\
 Data File : BN036496.D
 Acq On : 24 Feb 2025 13:13
 Operator : RC/JU
 Sample : Q1401-06
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-192-GW-900-902

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 02/25/2025
 Supervised By :mohammad ahmed 02/28/2025

Quant Time: Feb 24 13:37:20 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN021025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 11 01:17:14 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.746	152	4549	0.400	ng	0.00
7) Naphthalene-d8	10.530	136	12151	0.400	ng	#-0.01
13) Acenaphthene-d10	14.377	164	6886	0.400	ng	-0.01
19) Phenanthrene-d10	17.124	188	11829	0.400	ng	#-0.01
29) Chrysene-d12	21.313	240	7452	0.400	ng	# 0.00
35) Perylene-d12	23.581	264	7512	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.334	112	1903	0.177	ng	-0.01
5) Phenol-d6	6.915	99	1793	0.142	ng	-0.02
8) Nitrobenzene-d5	8.886	82	3554m	0.296	ng	-0.02
11) 2-Methylnaphthalene-d10	12.121	152	5261	0.282	ng	-0.02
14) 2,4,6-Tribromophenol	15.870	330	955	0.280	ng	-0.01
15) 2-Fluorobiphenyl	13.003	172	12260	0.474	ng	-0.02
27) Fluoranthene-d10	19.160	212	6700	0.204	ng	0.00
31) Terphenyl-d14	19.759	244	5713	0.359	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.573	128	1372	0.039	ng	# 82
25) Phenanthrene	17.161	178	995	0.029	ng	# 76
34) Bis(2-ethylhexyl)phtha...	21.232	149	66818	4.373	ng	99

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

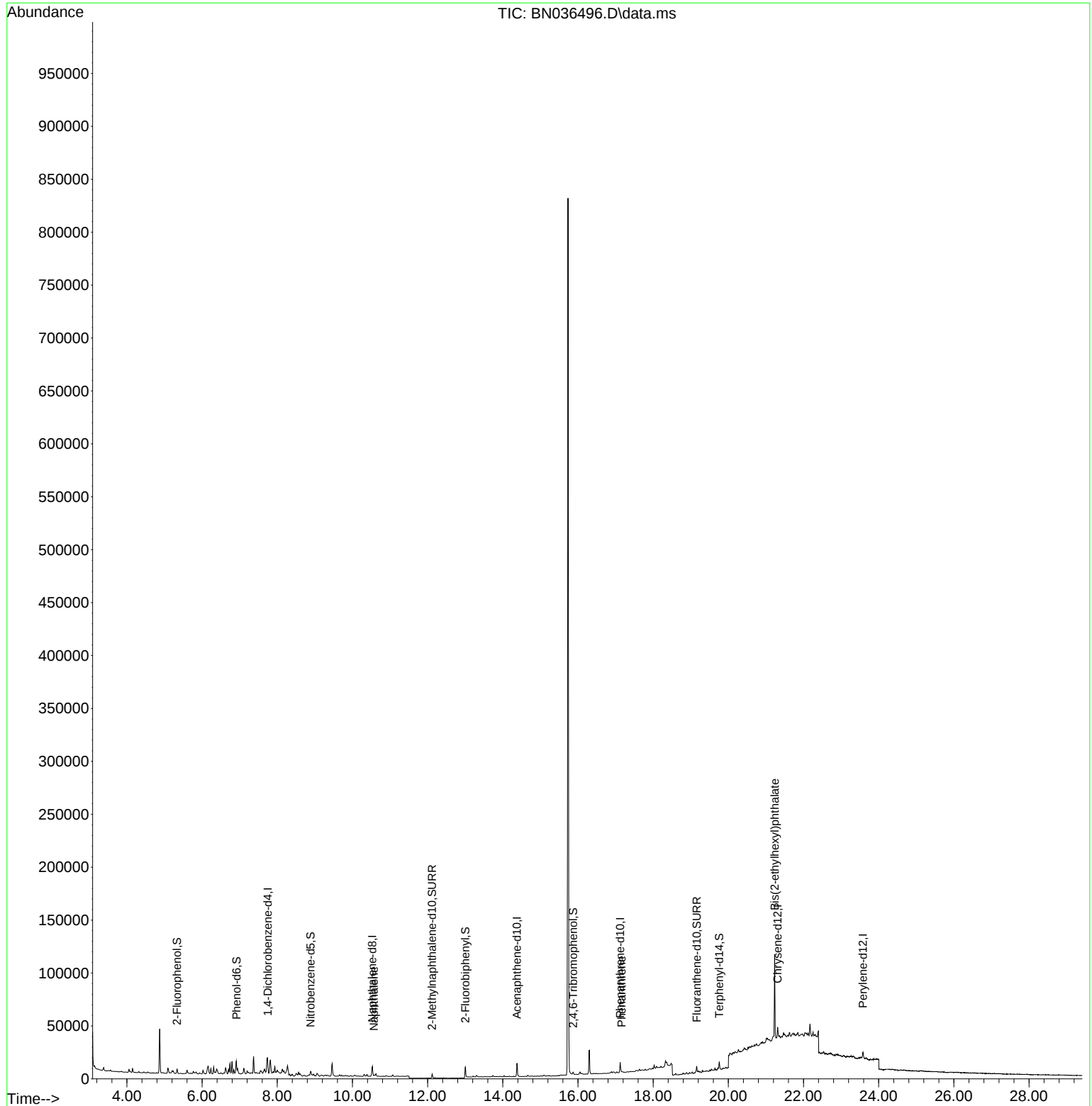
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022425\
Data File : BN036496.D
Acq On : 24 Feb 2025 13:13
Operator : RC/JU
Sample : Q1401-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

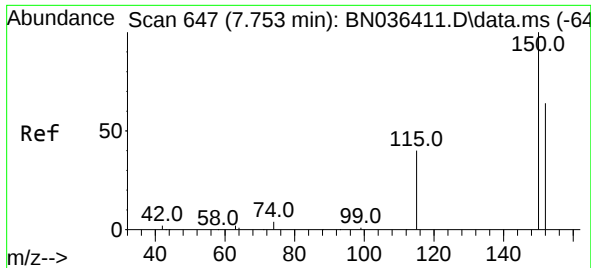
Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-GW-900-902

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 02/25/2025
Supervised By :mohammad ahmed 02/28/2025

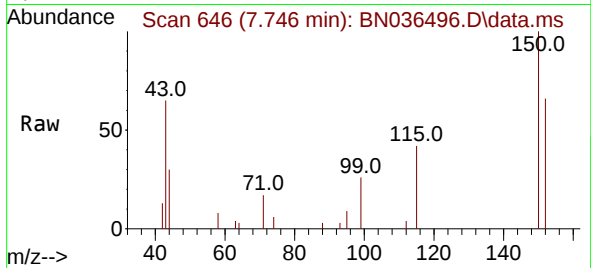
Quant Time: Feb 24 13:37:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN021025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 11 01:17:14 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.746 min Scan# 647
Delta R.T. -0.007 min
Lab File: BN036496.D
Acq: 24 Feb 2025 13:13

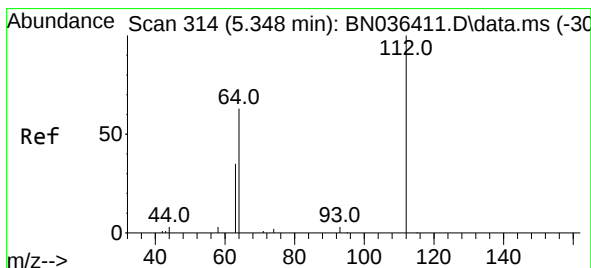
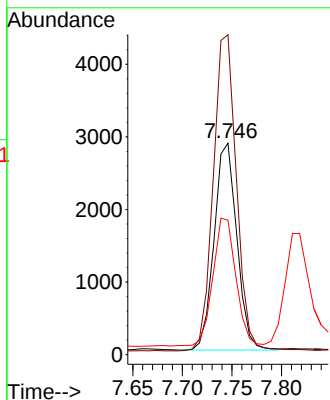
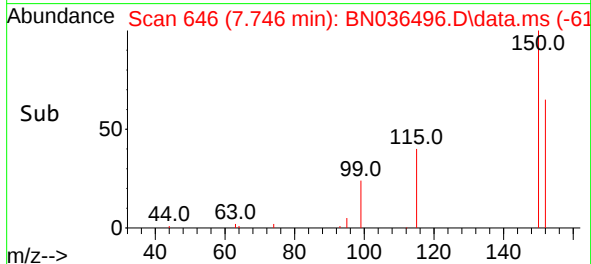
Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-GW-900-902



Tgt Ion:152 Resp: 4549
Ion Ratio Lower Upper
152 100
150 151.3 123.7 185.5
115 63.6 52.5 78.7

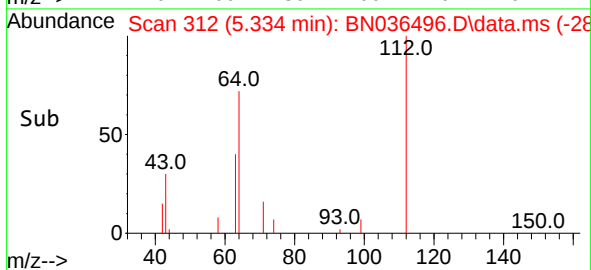
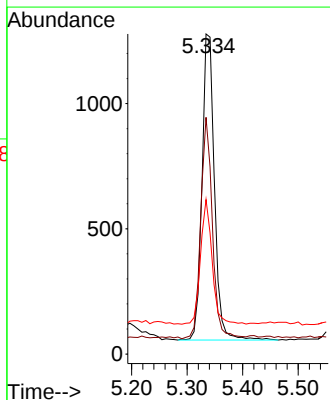
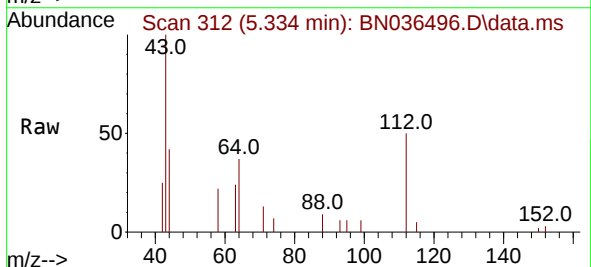
Manual Integrations
APPROVED

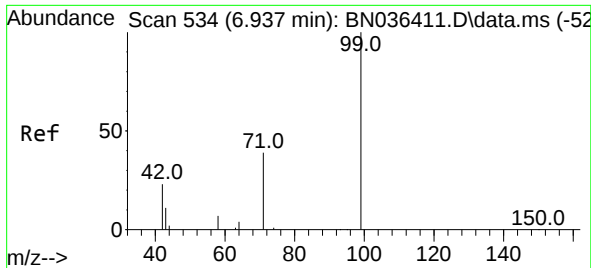
Reviewed By :Rahul Chavli 02/25/2025
Supervised By :mohammad ahmed 02/28/2025



#4
2-Fluorophenol
Concen: 0.177 ng
RT: 5.334 min Scan# 312
Delta R.T. -0.014 min
Lab File: BN036496.D
Acq: 24 Feb 2025 13:13

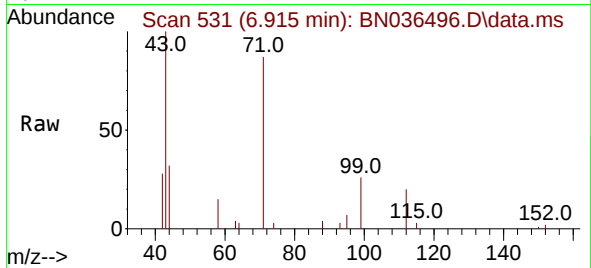
Tgt Ion:112 Resp: 1903
Ion Ratio Lower Upper
112 100
64 68.4 53.4 80.0
63 37.9 30.3 45.5





#5
Phenol-d6
Concen: 0.142 ng
RT: 6.915 min Scan# 51
Delta R.T. -0.022 min
Lab File: BN036496.D
Acq: 24 Feb 2025 13:13

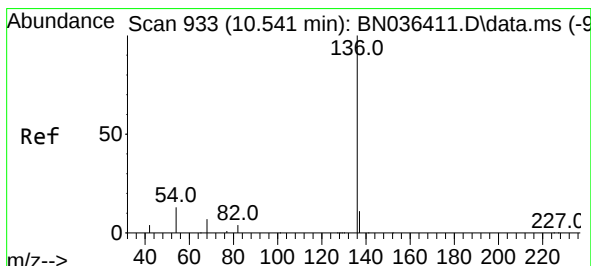
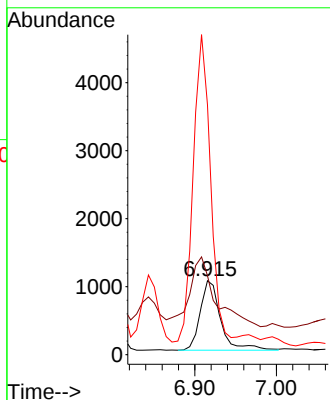
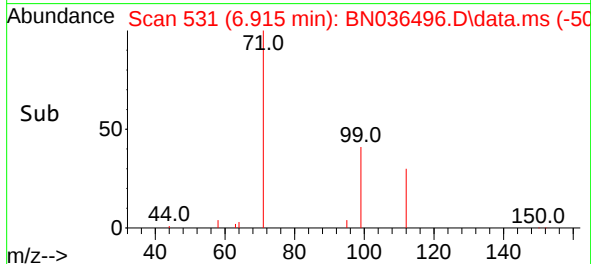
Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-GW-900-902



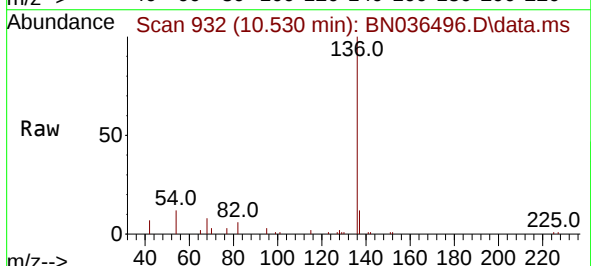
Tgt Ion: 99 Resp: 179
Ion Ratio Lower Upper
99 100
42 128.1 21.7 32.5
71 370.3 32.6 49.0

Manual Integrations
APPROVED

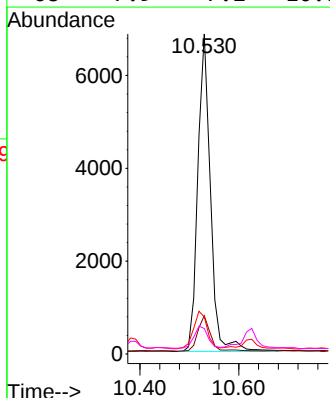
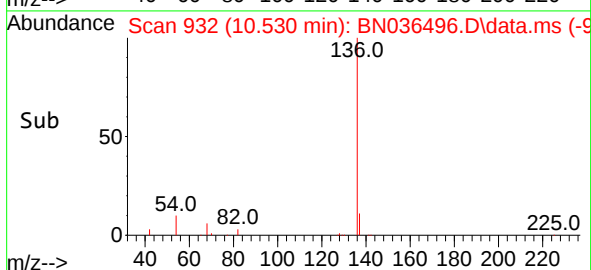
Reviewed By :Rahul Chavli 02/25/2025
Supervised By :mohammad ahmed 02/28/2025

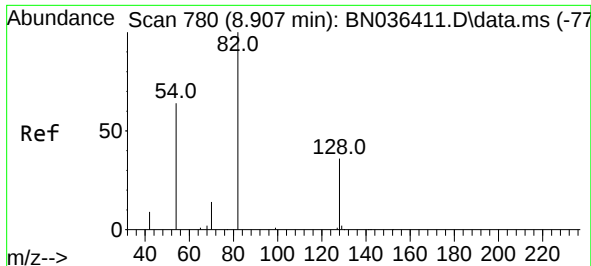


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.530 min Scan# 932
Delta R.T. -0.011 min
Lab File: BN036496.D
Acq: 24 Feb 2025 13:13



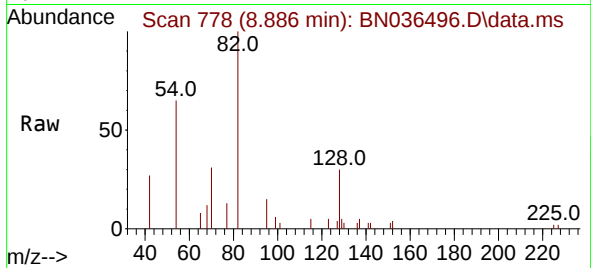
Tgt Ion:136 Resp: 12151
Ion Ratio Lower Upper
136 100
137 12.0 10.1 15.1
54 11.6 11.8 17.6#
68 7.9 7.2 10.8





#8
Nitrobenzene-d5
Concen: 0.296 ng m
RT: 8.886 min Scan# 71
Delta R.T. -0.021 min
Lab File: BN036496.D
Acq: 24 Feb 2025 13:13

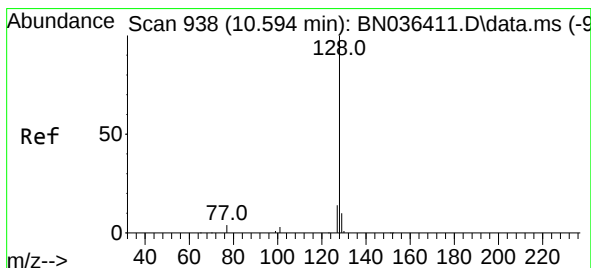
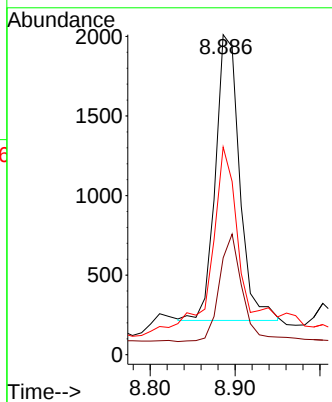
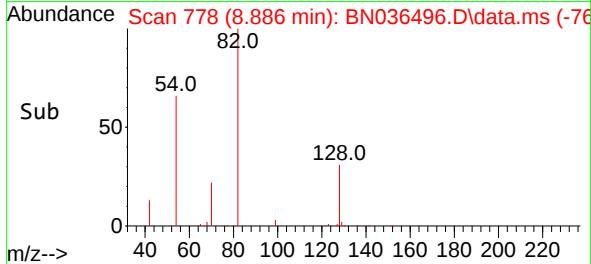
Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-GW-900-902



Tgt Ion: 82 Resp: 3554
Ion Ratio Lower Upper
82 100
128 30.3 31.9 47.9#
54 64.9 53.1 79.7

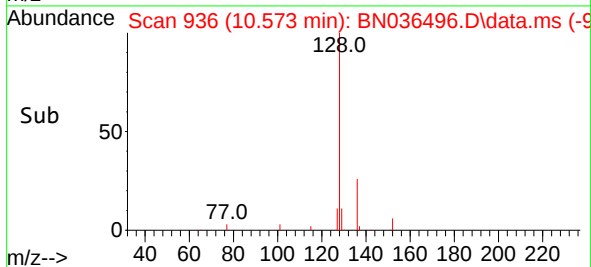
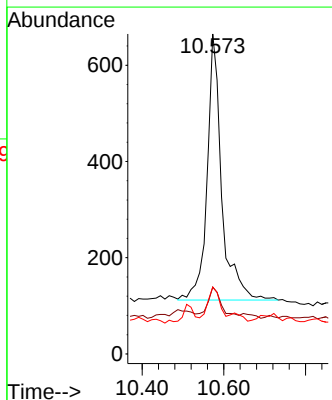
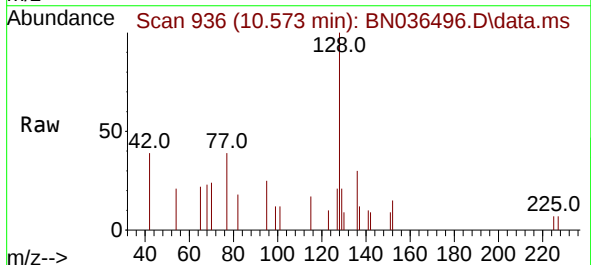
Manual Integrations
APPROVED

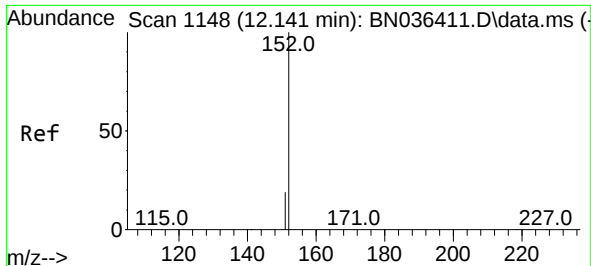
Reviewed By :Rahul Chavli 02/25/2025
Supervised By :mohammad ahmed 02/28/2025



#9
Naphthalene
Concen: 0.039 ng
RT: 10.573 min Scan# 936
Delta R.T. -0.021 min
Lab File: BN036496.D
Acq: 24 Feb 2025 13:13

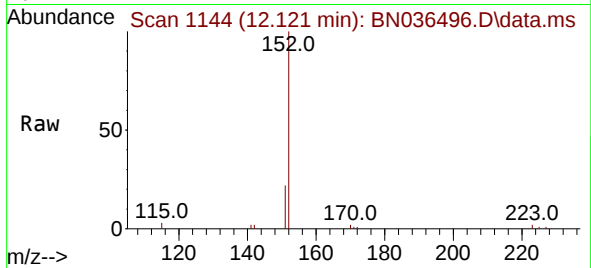
Tgt Ion:128 Resp: 1372
Ion Ratio Lower Upper
128 100
129 20.9 9.6 14.4#
127 20.9 12.0 18.0#





#11
2-Methylnaphthalene-d10
Concen: 0.282 ng
RT: 12.121 min Scan# 1144
Delta R.T. -0.020 min
Lab File: BN036496.D
Acq: 24 Feb 2025 13:13

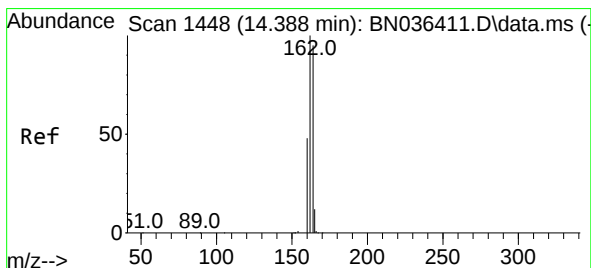
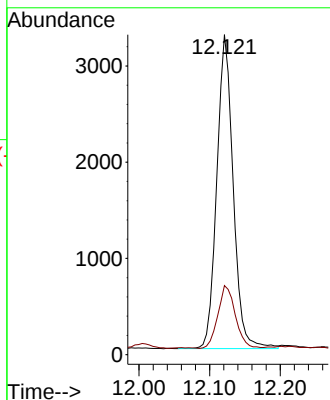
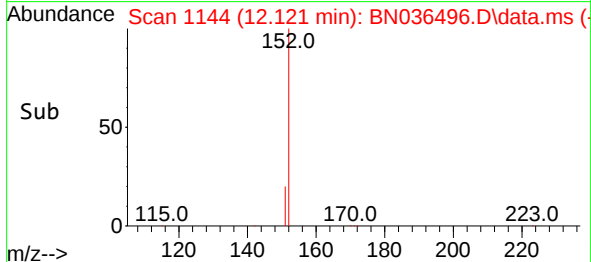
Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-GW-900-902



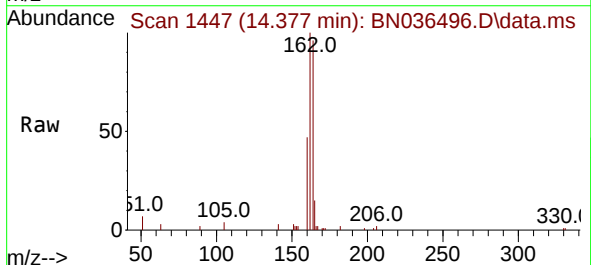
Tgt Ion:152 Resp: 526
Ion Ratio Lower Upper
152 100
151 21.4 16.6 25.0

Manual Integrations
APPROVED

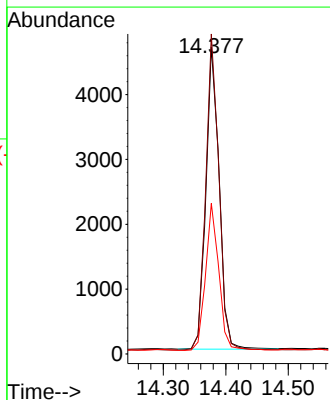
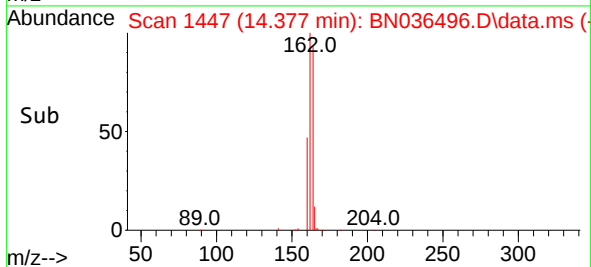
Reviewed By :Rahul Chavli 02/25/2025
Supervised By :mohammad ahmed 02/28/2025

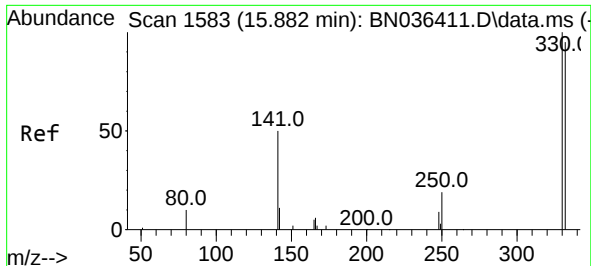


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.377 min Scan# 1447
Delta R.T. -0.011 min
Lab File: BN036496.D
Acq: 24 Feb 2025 13:13



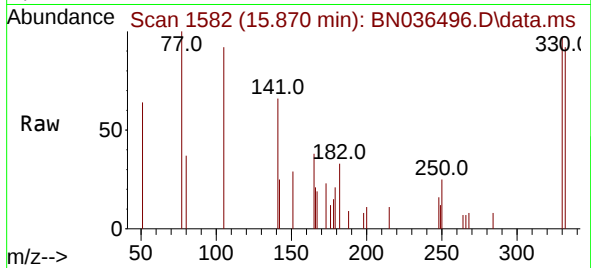
Tgt Ion:164 Resp: 6886
Ion Ratio Lower Upper
164 100
162 104.2 84.1 126.1
160 49.1 41.4 62.0





#14
2,4,6-Tribromophenol
Concen: 0.280 ng
RT: 15.870 min Scan# 11
Delta R.T. -0.012 min
Lab File: BN036496.D
Acq: 24 Feb 2025 13:13

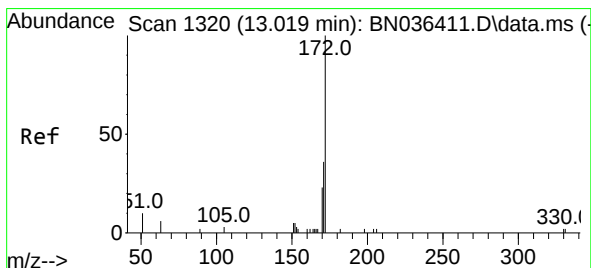
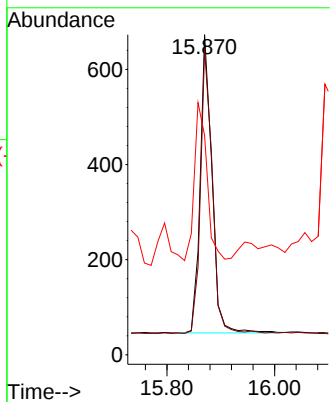
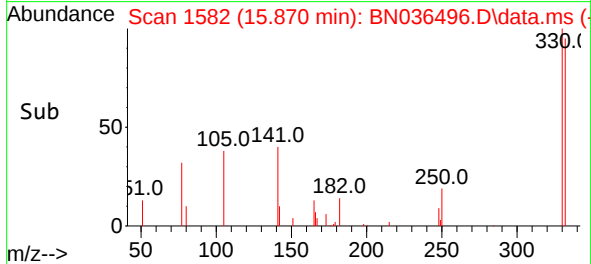
Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-GW-900-902



Tgt Ion:330 Resp: 95
Ion Ratio Lower Upper
330 100
332 95.7 76.6 114.8
141 56.3 37.8 56.8

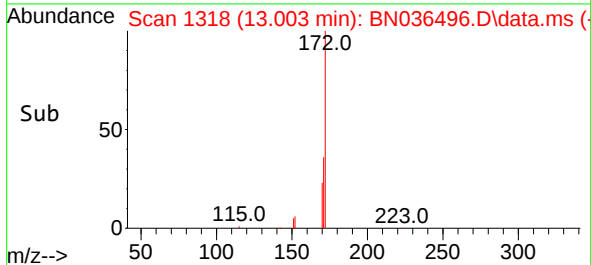
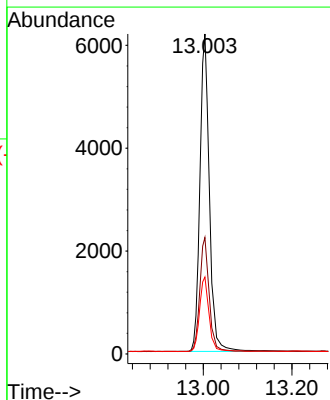
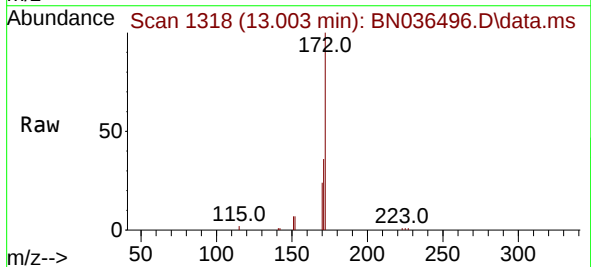
Manual Integrations
APPROVED

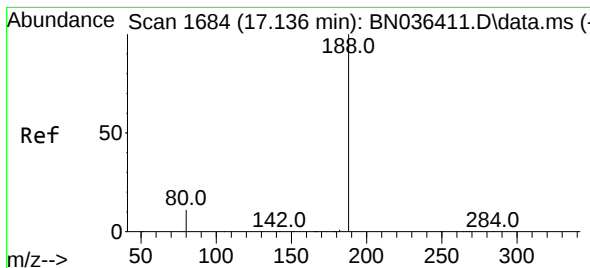
Reviewed By :Rahul Chavli 02/25/2025
Supervised By :mohammad ahmed 02/28/2025



#15
2-Fluorobiphenyl
Concen: 0.474 ng
RT: 13.003 min Scan# 1318
Delta R.T. -0.016 min
Lab File: BN036496.D
Acq: 24 Feb 2025 13:13

Tgt Ion:172 Resp: 12260
Ion Ratio Lower Upper
172 100
171 36.4 29.6 44.4
170 24.0 19.8 29.6





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.124 min Scan# 1

Delta R.T. -0.012 min

Lab File: BN036496.D

Acq: 24 Feb 2025 13:13

Instrument :

BNA_N

ClientSampleId :

BP-VPB-192-GW-900-902

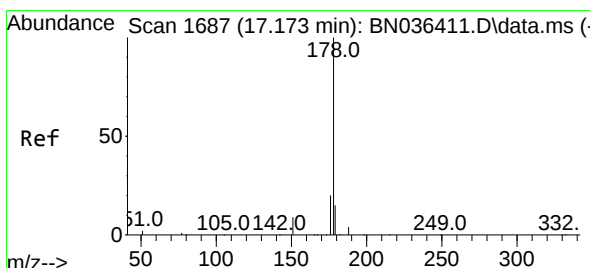
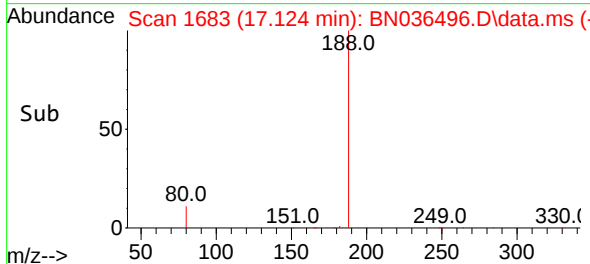
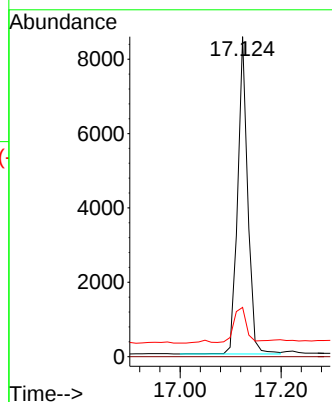
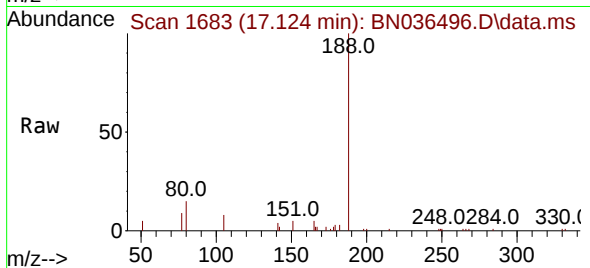
Tgt Ion:188	Resp:	11829
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0
80	15.4	9.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 02/25/2025

Supervised By :mohammad ahmed 02/28/2025



#25

Phenanthrene

Concen: 0.029 ng

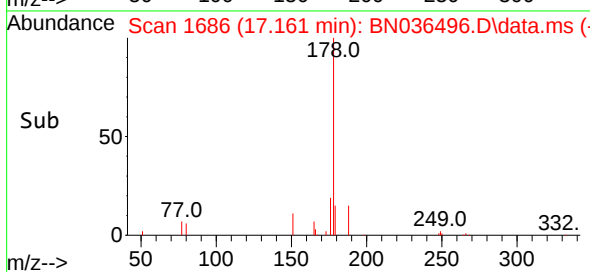
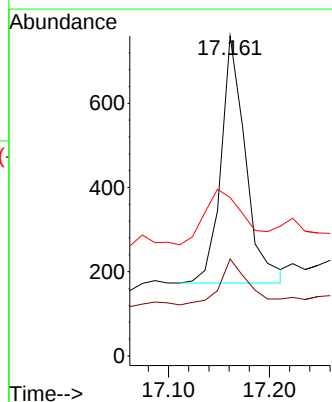
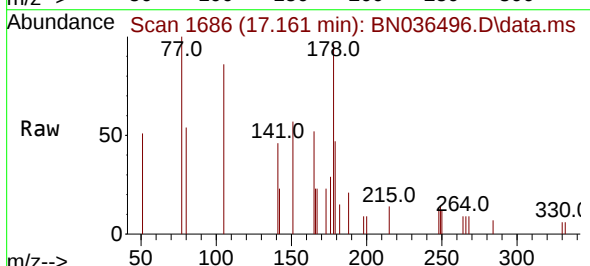
RT: 17.161 min Scan# 1686

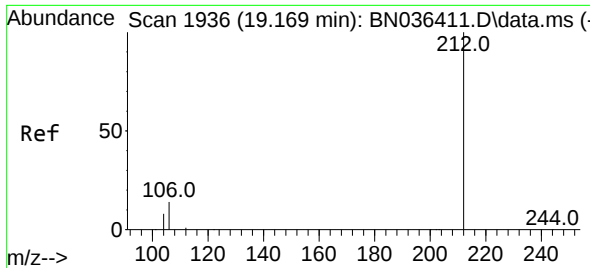
Delta R.T. -0.012 min

Lab File: BN036496.D

Acq: 24 Feb 2025 13:13

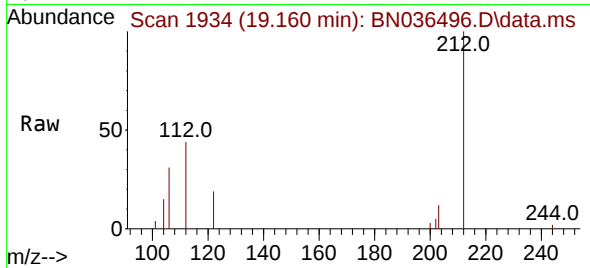
Tgt Ion:178	Resp:	995
Ion Ratio	Lower	Upper
178	100	
176	21.9	15.7
179	35.9	12.4





#27
Fluoranthene-d10
Concen: 0.204 ng
RT: 19.160 min Scan# 1936
Delta R.T. -0.009 min
Lab File: BN036496.D
Acq: 24 Feb 2025 13:13

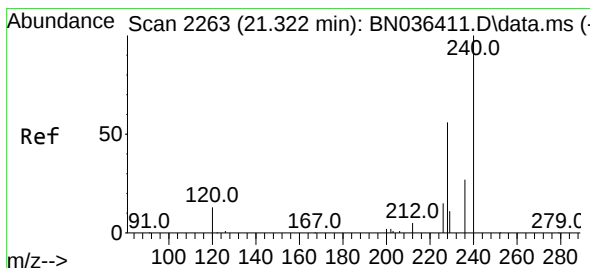
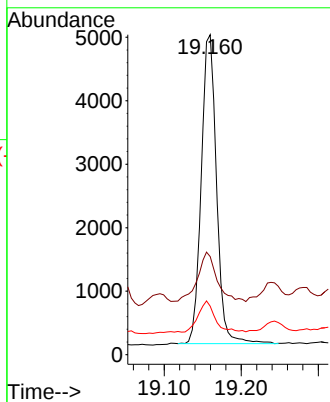
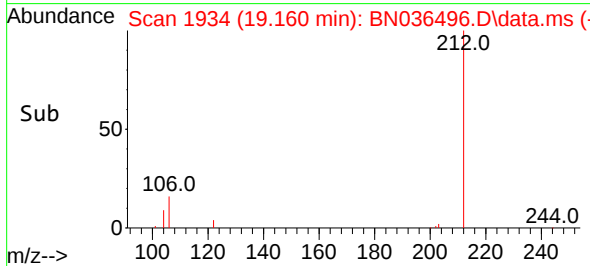
Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-GW-900-902



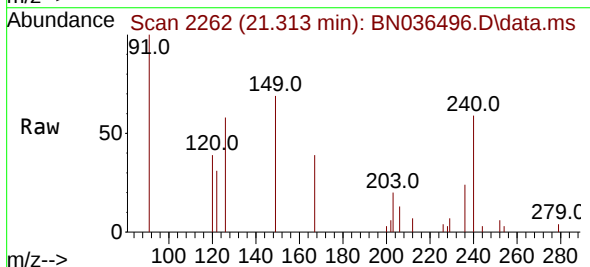
Tgt Ion:212 Resp: 6700
Ion Ratio Lower Upper
212 100
106 20.6 11.5 17.3#
104 11.1 7.1 10.7#

Manual Integrations
APPROVED

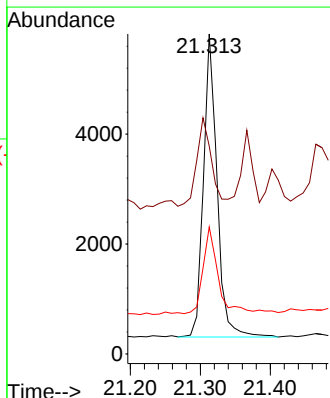
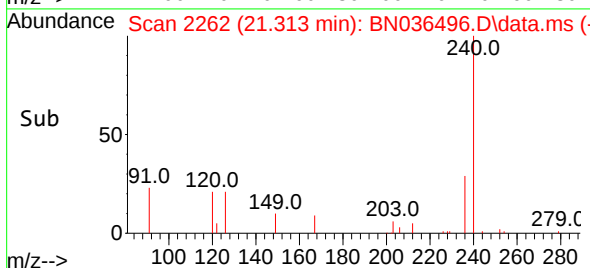
Reviewed By :Rahul Chavli 02/25/2025
Supervised By :mohammad ahmed 02/28/2025

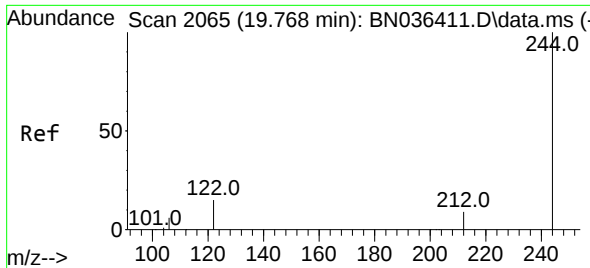


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.313 min Scan# 2262
Delta R.T. -0.009 min
Lab File: BN036496.D
Acq: 24 Feb 2025 13:13



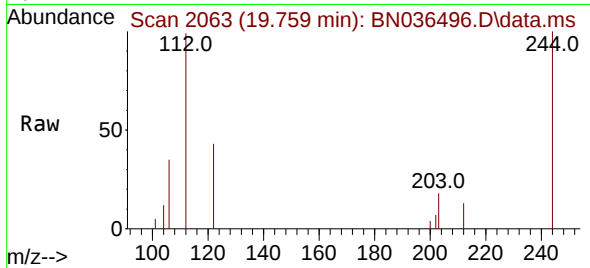
Tgt Ion:240 Resp: 7452
Ion Ratio Lower Upper
240 100
120 64.9 13.3 19.9#
236 39.7 23.0 34.6#





#31
 Terphenyl-d14
 Concen: 0.359 ng
 RT: 19.759 min Scan# 2063
 Delta R.T. -0.009 min
 Lab File: BN036496.D
 Acq: 24 Feb 2025 13:13

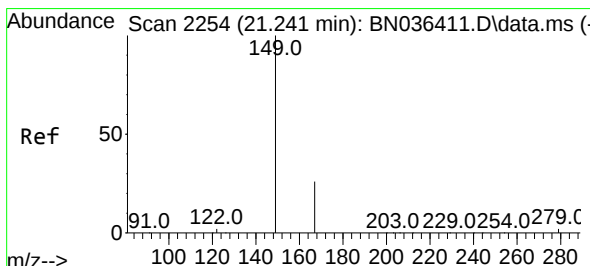
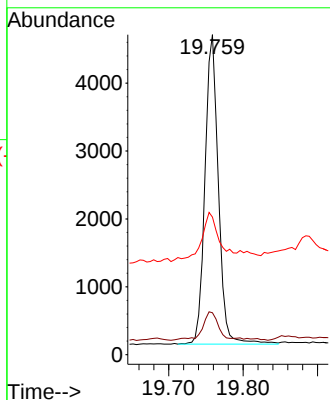
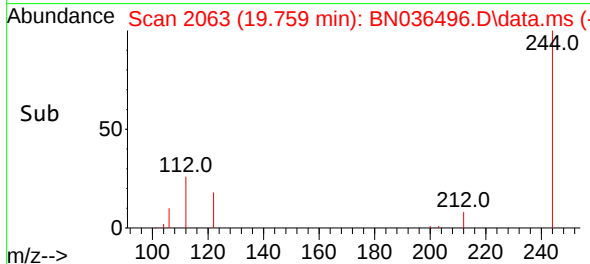
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-192-GW-900-902



Tgt Ion:244 Resp: 571
 Ion Ratio Lower Upper
 244 100
 212 13.1 8.1 12.1
 122 43.0 12.8 19.2

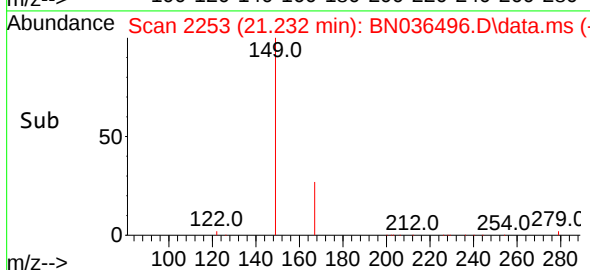
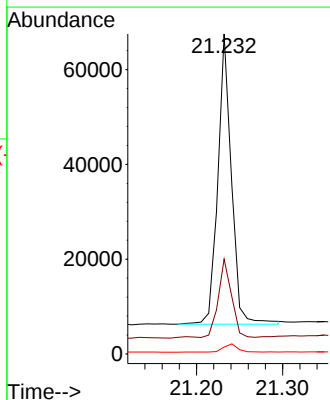
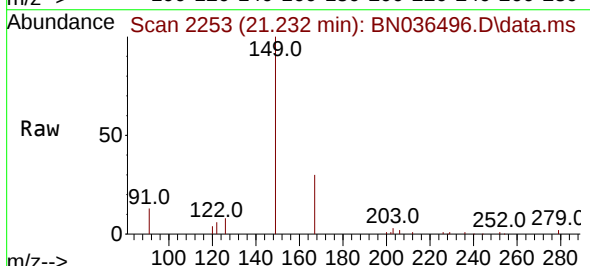
Manual Integrations
 APPROVED

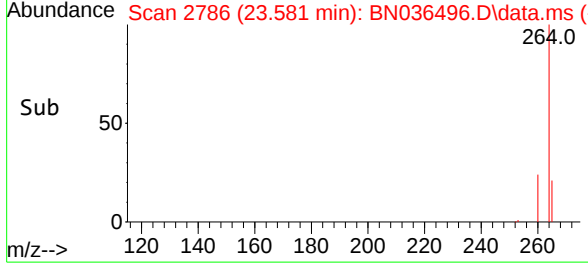
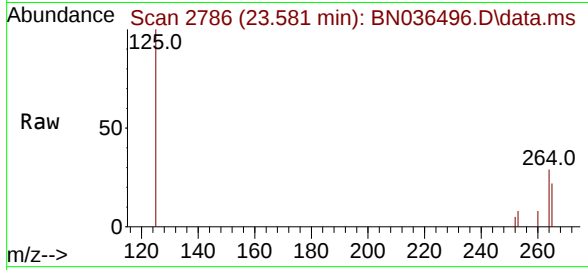
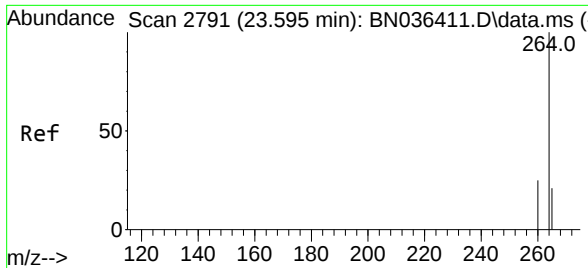
Reviewed By :Rahul Chavli 02/25/2025
 Supervised By :mohammad ahmed 02/28/2025



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 4.373 ng
 RT: 21.232 min Scan# 2253
 Delta R.T. -0.009 min
 Lab File: BN036496.D
 Acq: 24 Feb 2025 13:13

Tgt Ion:149 Resp: 66818
 Ion Ratio Lower Upper
 149 100
 167 26.1 21.2 31.8
 279 3.1 2.7 4.1





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.581 min Scan# 21
Delta R.T. -0.015 min
Lab File: BN036496.D
Acq: 24 Feb 2025 13:13

Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-GW-900-902

Tgt Ion:264 Resp: 7512

Ion	Ratio	Lower	Upper
264	100		
260	29.2	20.9	31.3
265	76.1	60.7	91.1

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 02/25/2025
Supervised By :mohammad ahmed 02/28/2025

