

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012925\
 Data File : BN036117.D
 Acq On : 29 Jan 2025 21:07
 Operator : RC/JU
 Sample : Q1199-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-192-GW-260-262

Quant Time: Jan 30 00:36:33 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 23 00:34:56 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/30/2025
 Supervised By :mohammad ahmed 01/31/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.803	152	2145	0.400	ng	-0.01
7) Naphthalene-d8	10.600	136	4867m	0.400	ng	-0.01
13) Acenaphthene-d10	14.441	164	2939	0.400	ng	0.00
19) Phenanthrene-d10	17.186	188	6485	0.400	ng	0.00
29) Chrysene-d12	21.376	240	5413	0.400	ng	# 0.00
35) Perylene-d12	23.672	264	5178	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.419	112	1044	0.187	ng	0.03
5) Phenol-d6	7.015	99	832	0.127	ng	0.04
8) Nitrobenzene-d5	8.956	82	1721	0.375	ng	0.00
11) 2-Methylnaphthalene-d10	12.187	152	2566	0.388	ng	-0.01
14) 2,4,6-Tribromophenol	15.933	330	663	0.352	ng	0.00
15) 2-Fluorobiphenyl	13.062	172	4208	0.321	ng	0.00
27) Fluoranthene-d10	19.216	212	7943	0.473	ng	0.00
31) Terphenyl-d14	19.815	244	6452	0.574	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.303	88	1618	0.675	ng	91
9) Naphthalene	10.643	128	343	0.024	ng	# 60
25) Phenanthrene	17.223	178	1069	0.055	ng	# 28
28) Fluoranthene	19.248	202	541	0.024	ng	# 72
30) Pyrene	19.611	202	460	0.021	ng	# 93
34) Bis(2-ethylhexyl)phtha...	21.295	149	1569	0.146	ng	96

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

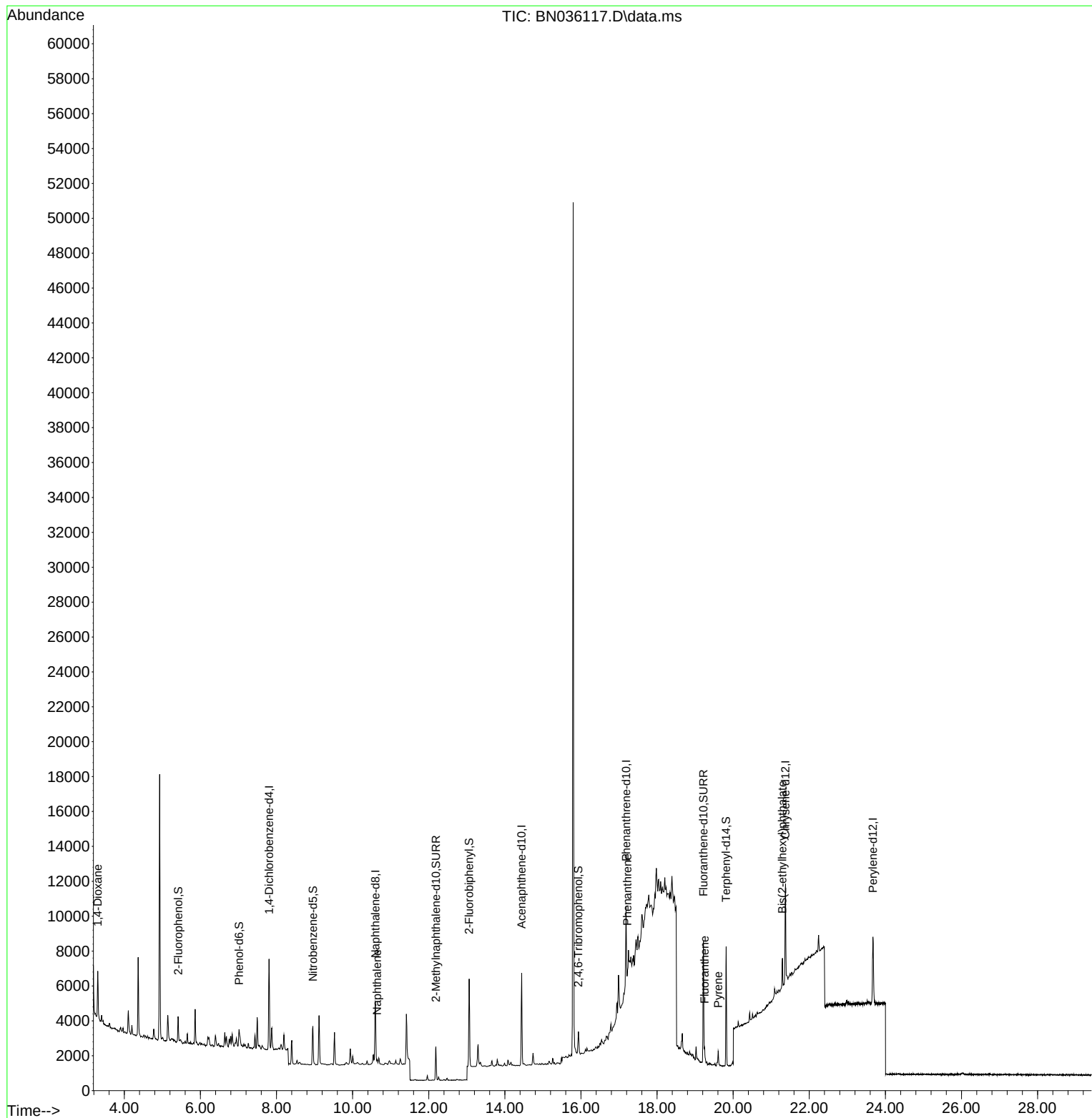
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012925\
Data File : BN036117.D
Acq On : 29 Jan 2025 21:07
Operator : RC/JU
Sample : Q1199-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

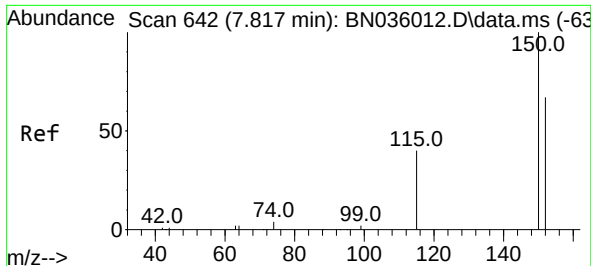
Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-GW-260-262

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 01/31/2025

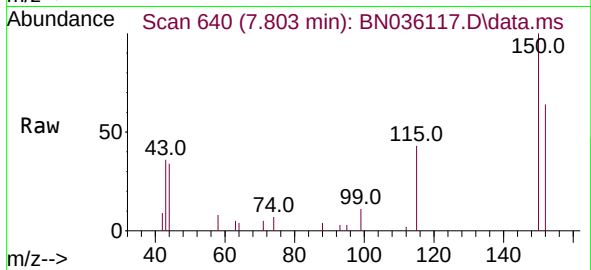
Quant Time: Jan 30 00:36:33 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 23 00:34:56 2025
Response via : Initial Calibration





#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.803 min Scan# 64
 Delta R.T. -0.014 min
 Lab File: BN036117.D
 Acq: 29 Jan 2025 21:07

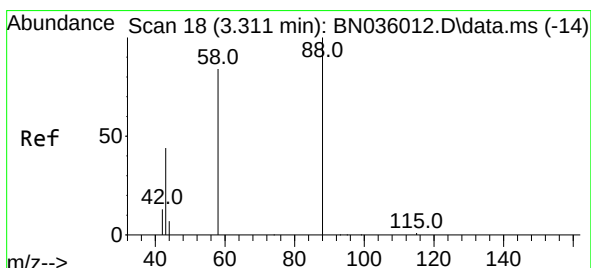
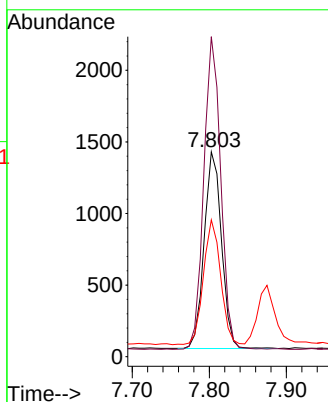
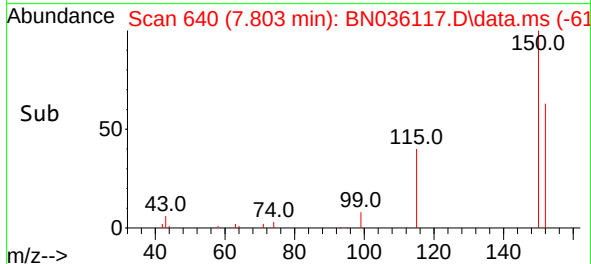
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-192-GW-260-262



Tgt Ion: 152 Resp: 214
 Ion Ratio Lower Upper
 152 100
 150 156.2 117.4 176.2
 115 66.7 51.0 76.4

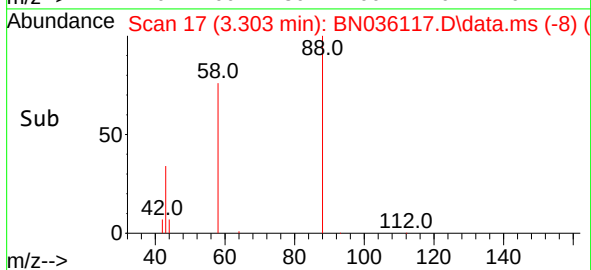
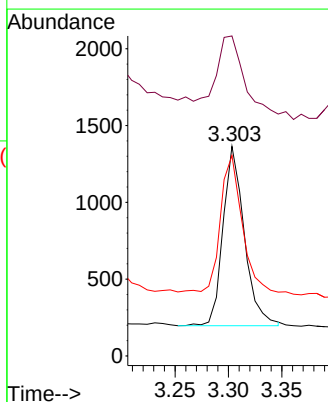
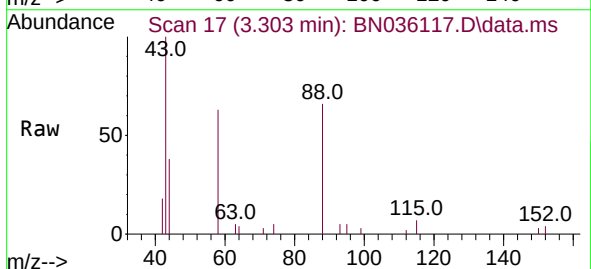
Manual Integrations
 APPROVED

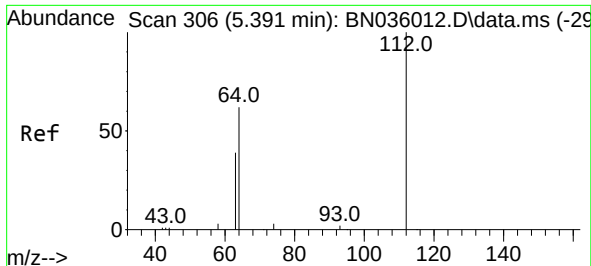
Reviewed By :Yogesh Patel 01/30/2025
 Supervised By :mohammad ahmed 01/31/2025



#2
 1,4-Dioxane
 Concen: 0.675 ng
 RT: 3.303 min Scan# 17
 Delta R.T. -0.007 min
 Lab File: BN036117.D
 Acq: 29 Jan 2025 21:07

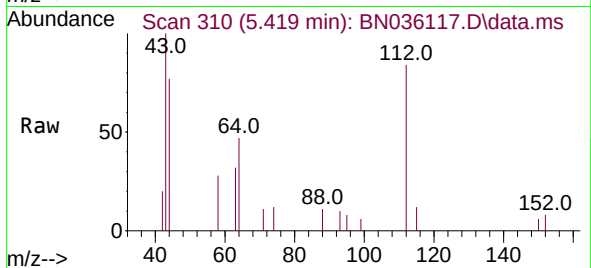
Tgt Ion: 88 Resp: 1618
 Ion Ratio Lower Upper
 88 100
 43 56.9 38.5 57.7
 58 76.5 66.6 99.8





#4
2-Fluorophenol
Concen: 0.187 ng
RT: 5.419 min Scan# 310
Delta R.T. 0.029 min
Lab File: BN036117.D
Acq: 29 Jan 2025 21:07

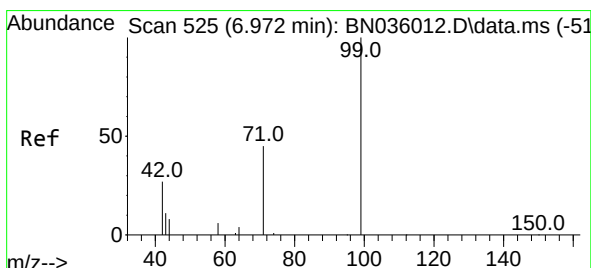
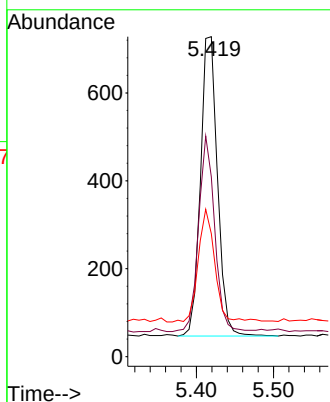
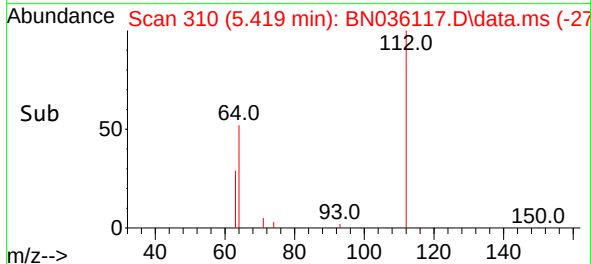
Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-GW-260-262



Tgt Ion: 112 Resp: 1044
Ion Ratio Lower Upper
112 100
64 61.7 50.0 75.0
63 36.9 30.7 46.1

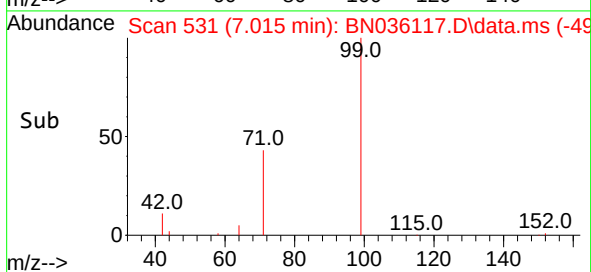
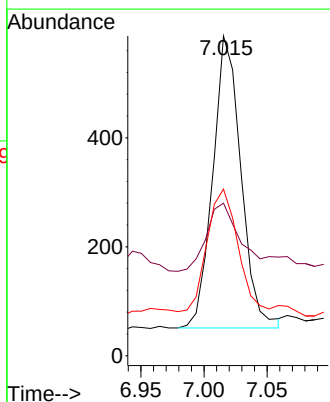
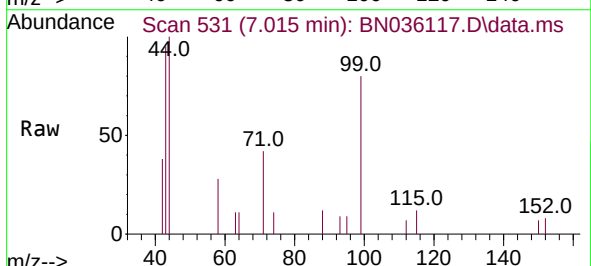
Manual Integrations
APPROVED

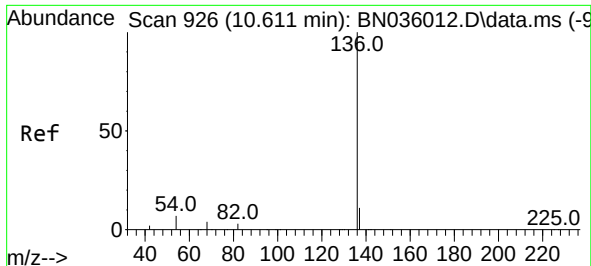
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 01/31/2025



#5
Phenol-d6
Concen: 0.127 ng
RT: 7.015 min Scan# 531
Delta R.T. 0.043 min
Lab File: BN036117.D
Acq: 29 Jan 2025 21:07

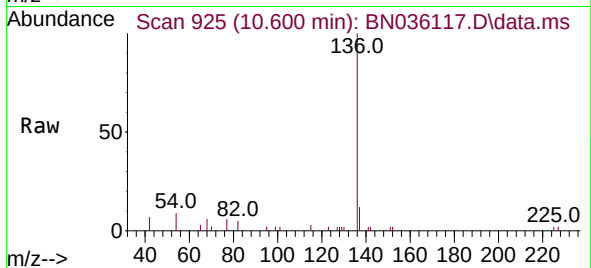
Tgt Ion: 99 Resp: 832
Ion Ratio Lower Upper
99 100
42 40.6 26.8 40.2#
71 45.3 36.6 55.0





#7
Naphthalene-d8
Concen: 0.400 ng m
RT: 10.600 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN036117.D
Acq: 29 Jan 2025 21:07

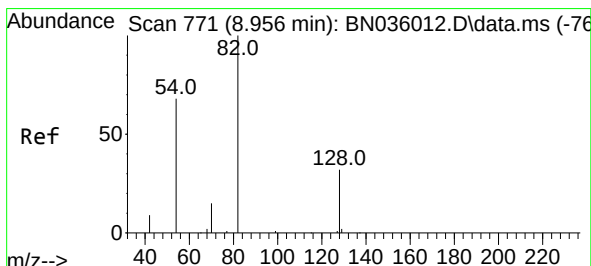
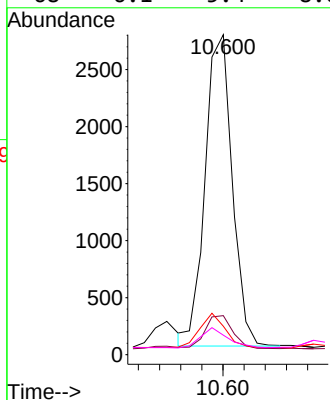
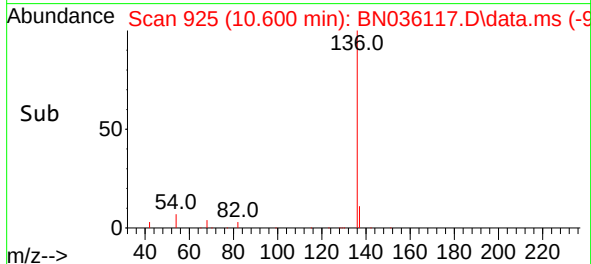
Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-GW-260-262



Tgt Ion:136 Resp: 486
Ion Ratio Lower Upper
136 100
137 12.2 10.4 15.6
54 8.9 7.7 11.5
68 6.1 5.4 8.0

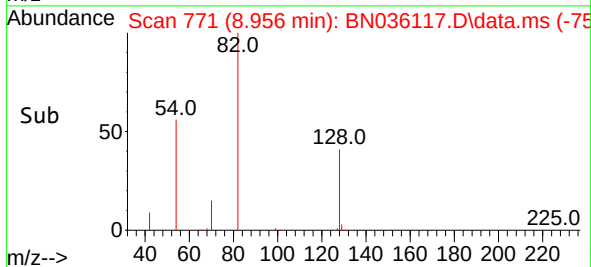
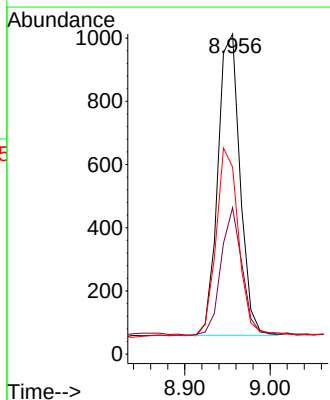
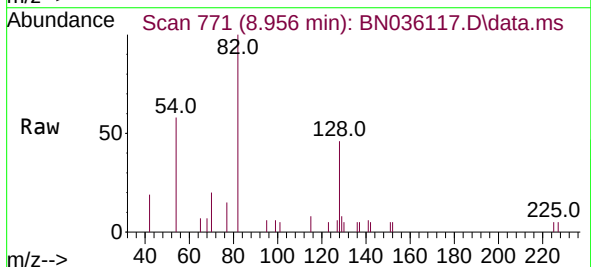
Manual Integrations
APPROVED

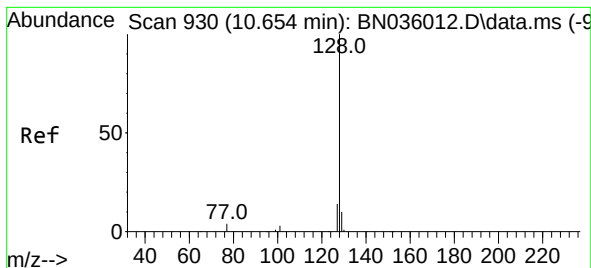
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 01/31/2025



#8
Nitrobenzene-d5
Concen: 0.375 ng
RT: 8.956 min Scan# 771
Delta R.T. -0.000 min
Lab File: BN036117.D
Acq: 29 Jan 2025 21:07

Tgt Ion: 82 Resp: 1721
Ion Ratio Lower Upper
82 100
128 45.7 28.8 43.2#
54 58.4 55.8 83.8





#9

Naphthalene

Concen: 0.024 ng

RT: 10.643 min Scan# 91

Delta R.T. -0.011 min

Lab File: BN036117.D

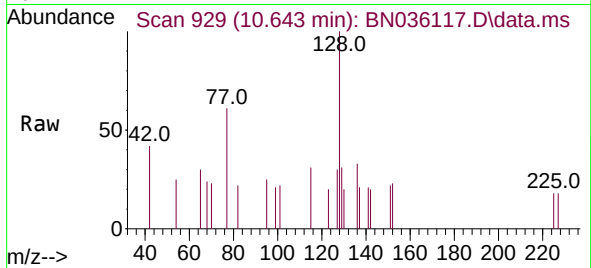
Acq: 29 Jan 2025 21:07

Instrument :

BNA_N

ClientSampleId :

BP-VPB-192-GW-260-262



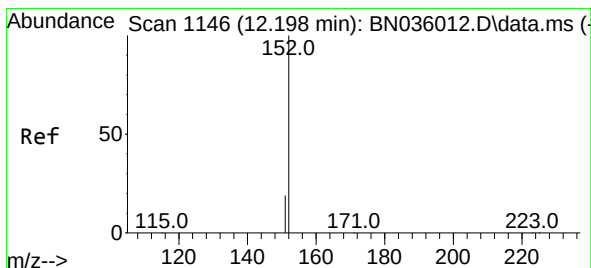
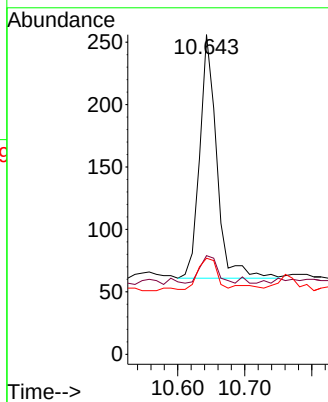
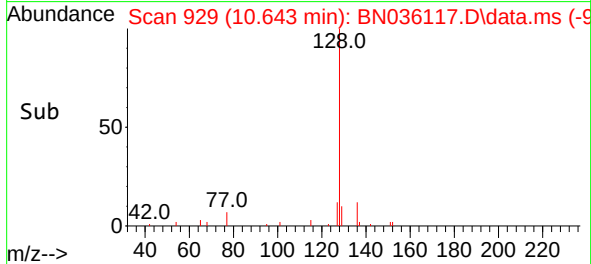
Tgt Ion:	128	Resp:	34
Ion Ratio	Lower	Upper	
128	100		
129	30.9	9.4	14.2
127	30.1	12.6	19.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/30/2025

Supervised By :mohammad ahmed 01/31/2025



#11

2-Methylnaphthalene-d10

Concen: 0.388 ng

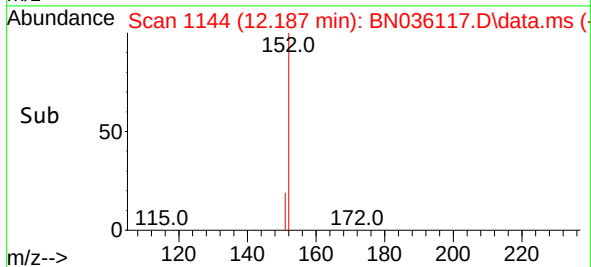
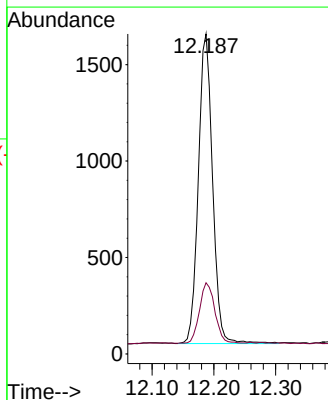
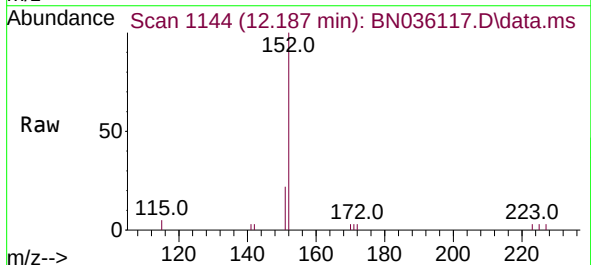
RT: 12.187 min Scan# 1144

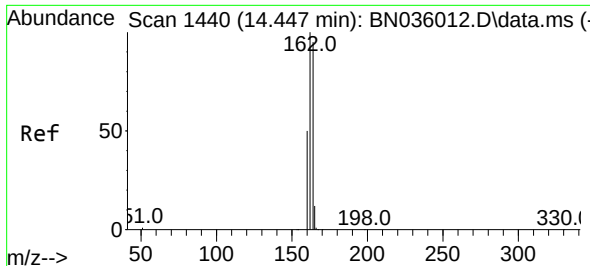
Delta R.T. -0.010 min

Lab File: BN036117.D

Acq: 29 Jan 2025 21:07

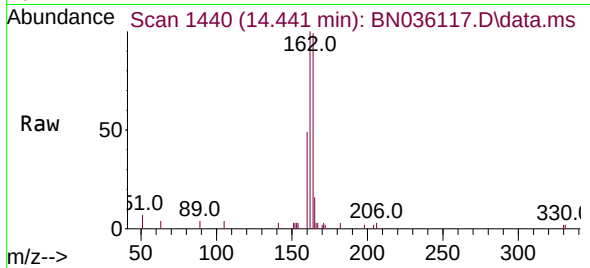
Tgt Ion:	152	Resp:	2566
Ion Ratio	Lower	Upper	
152	100		
151	21.1	16.6	25.0





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.441 min Scan# 1440
Delta R.T. -0.006 min
Lab File: BN036117.D
Acq: 29 Jan 2025 21:07

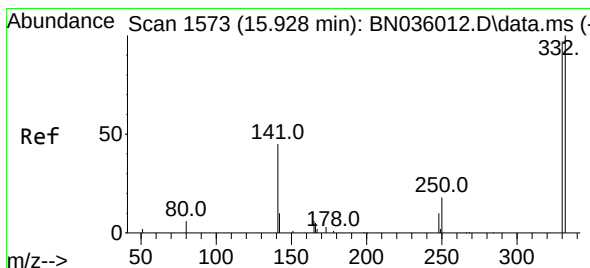
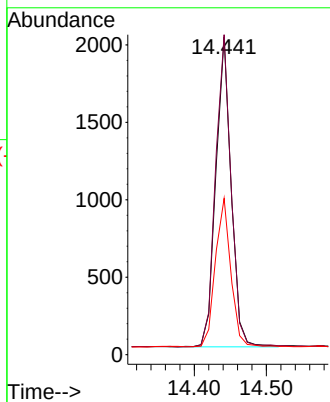
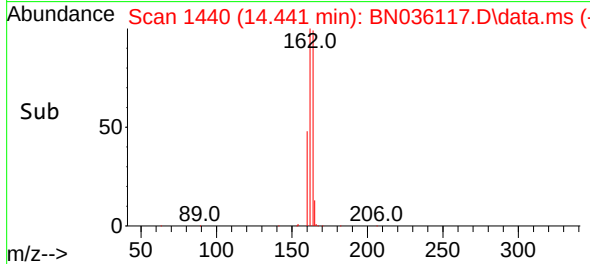
Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-GW-260-262



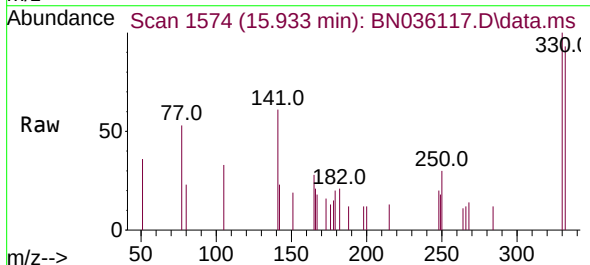
Tgt Ion:164 Resp: 2939
Ion Ratio Lower Upper
164 100
162 100.7 84.1 126.1
160 49.2 43.8 65.8

Manual Integrations
APPROVED

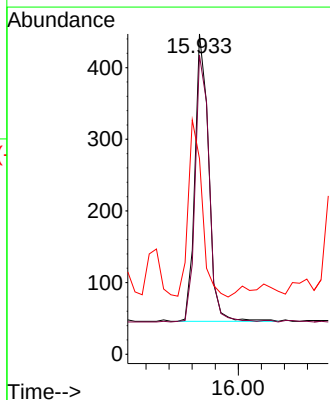
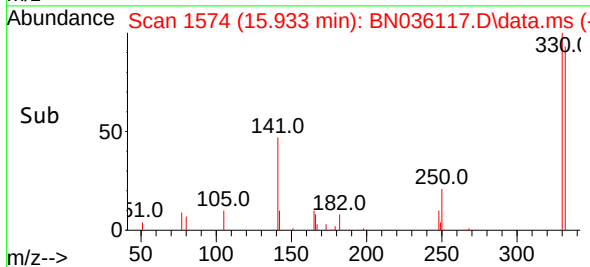
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 01/31/2025

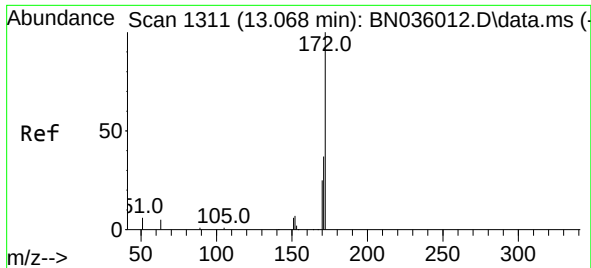


#14
2,4,6-Tribromophenol
Concen: 0.352 ng
RT: 15.933 min Scan# 1574
Delta R.T. 0.005 min
Lab File: BN036117.D
Acq: 29 Jan 2025 21:07



Tgt Ion:330 Resp: 663
Ion Ratio Lower Upper
330 100
332 95.0 81.0 121.4
141 61.7 36.7 55.1#





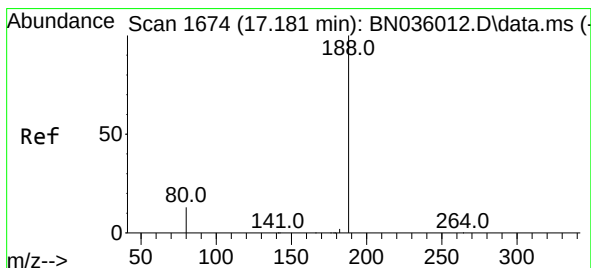
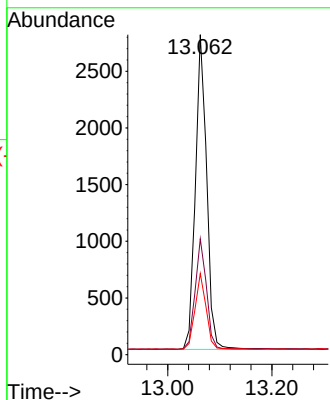
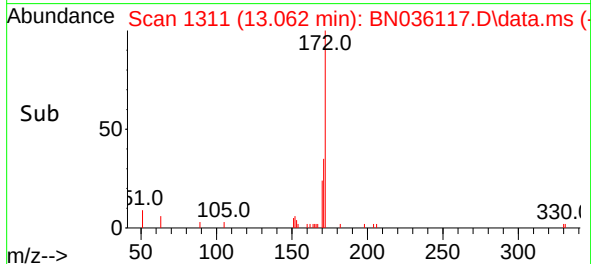
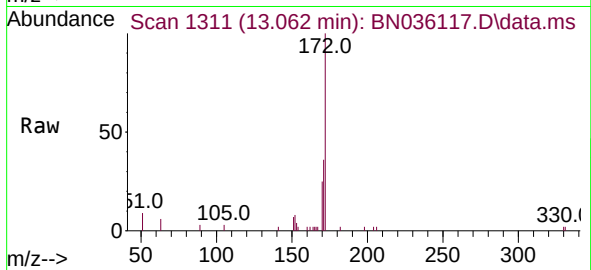
#15
2-Fluorobiphenyl
Concen: 0.321 ng
RT: 13.062 min Scan# 11
Delta R.T. -0.006 min
Lab File: BN036117.D
Acq: 29 Jan 2025 21:07

Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-GW-260-262

Tgt Ion:172 Resp: 4208
Ion Ratio Lower Upper
172 100
171 36.2 30.9 46.3
170 25.3 21.2 31.8

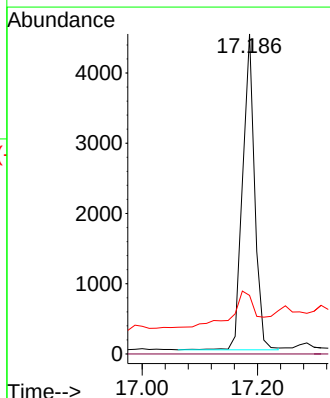
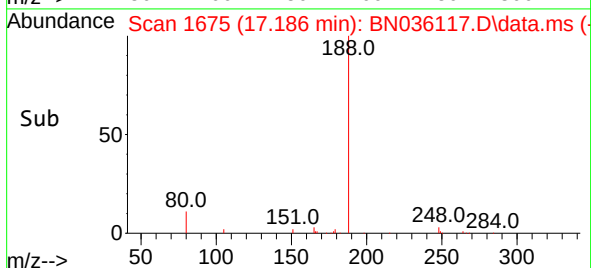
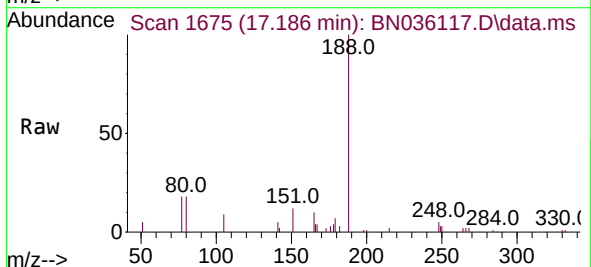
Manual Integrations
APPROVED

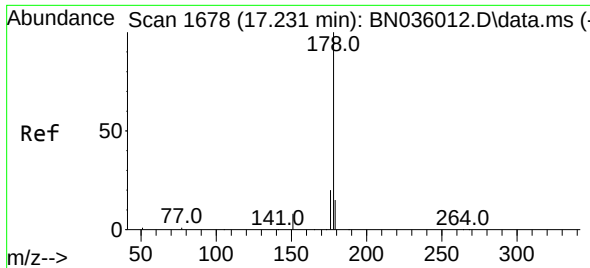
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 01/31/2025



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.186 min Scan# 1675
Delta R.T. 0.005 min
Lab File: BN036117.D
Acq: 29 Jan 2025 21:07

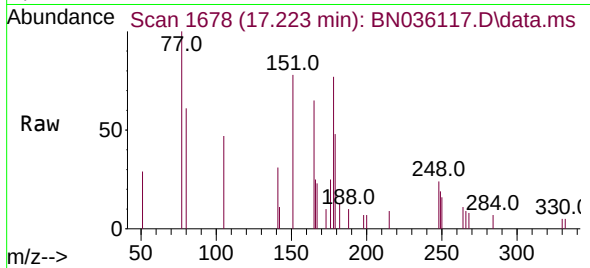
Tgt Ion:188 Resp: 6485
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 18.3 12.3 18.5





#25
Phenanthrene
Concen: 0.055 ng
RT: 17.223 min Scan# 1069
Delta R.T. -0.007 min
Lab File: BN036117.D
Acq: 29 Jan 2025 21:07

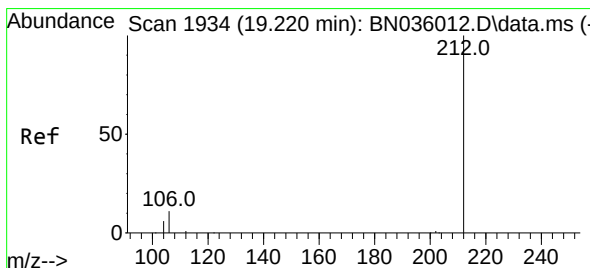
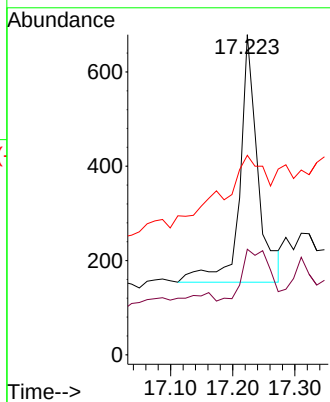
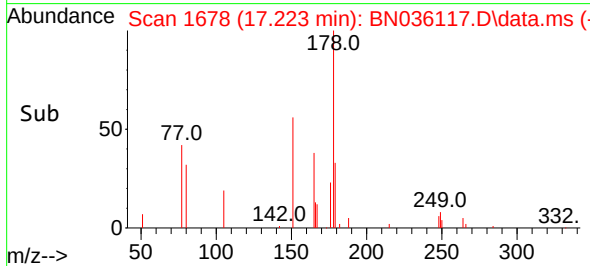
Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-GW-260-262



Tgt Ion:178 Resp: 1069
Ion Ratio Lower Upper
178 100
176 31.0 16.0 24.0
179 71.5 12.4 18.6

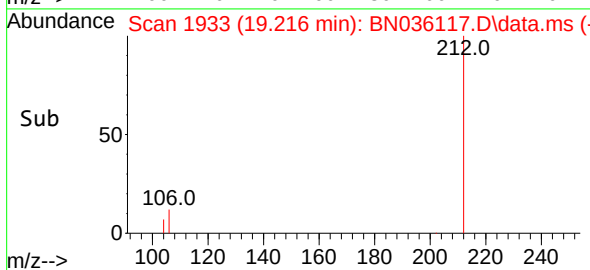
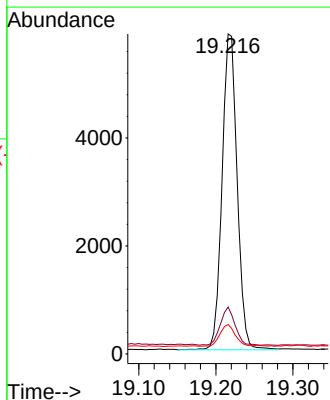
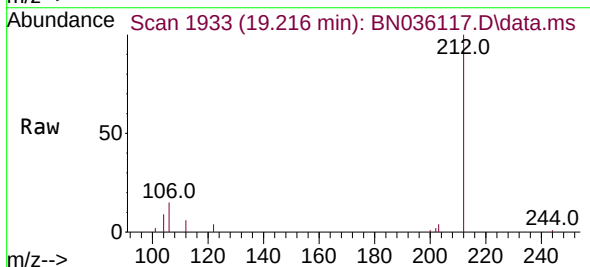
Manual Integrations
APPROVED

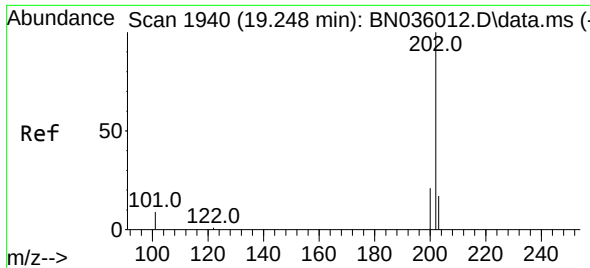
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 01/31/2025



#27
Fluoranthene-d10
Concen: 0.473 ng
RT: 19.216 min Scan# 1933
Delta R.T. -0.004 min
Lab File: BN036117.D
Acq: 29 Jan 2025 21:07

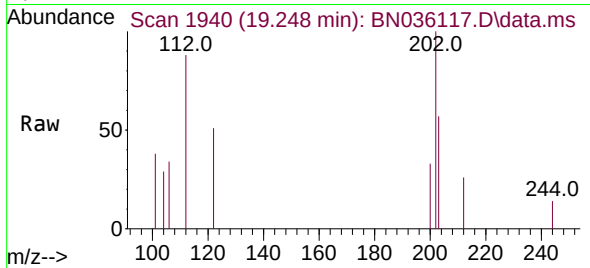
Tgt Ion:212 Resp: 7943
Ion Ratio Lower Upper
212 100
106 11.7 9.7 14.5
104 6.9 6.0 9.0





#28
Fluoranthene
Concen: 0.024 ng
RT: 19.248 min Scan# 1940
Delta R.T. 0.000 min
Lab File: BN036117.D
Acq: 29 Jan 2025 21:07

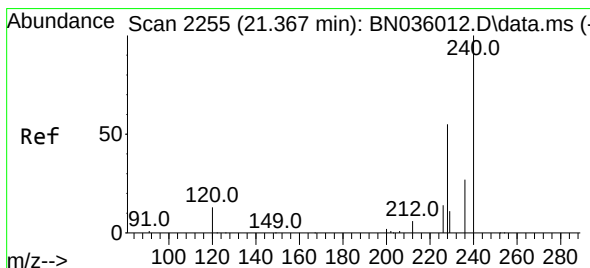
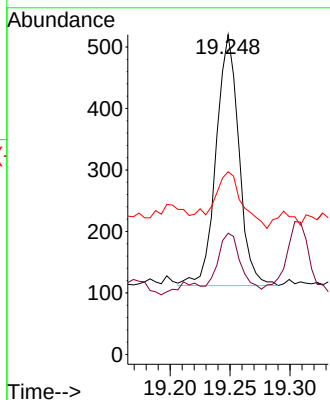
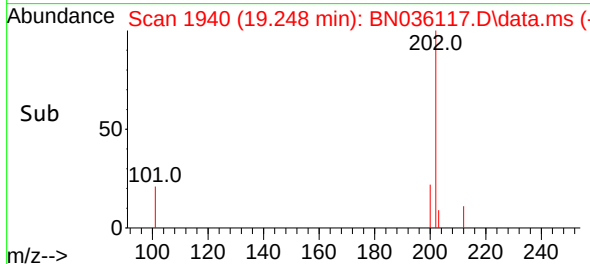
Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-GW-260-262



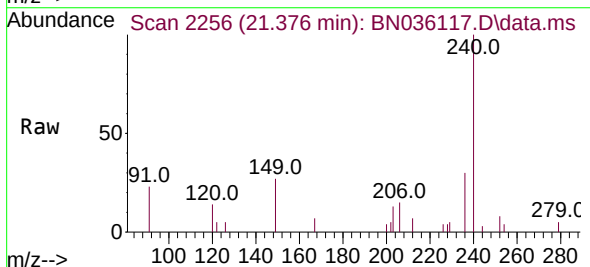
Tgt Ion:202 Resp: 541
Ion Ratio Lower Upper
202 100
101 22.4 7.6 11.4
203 27.9 13.8 20.6

Manual Integrations
APPROVED

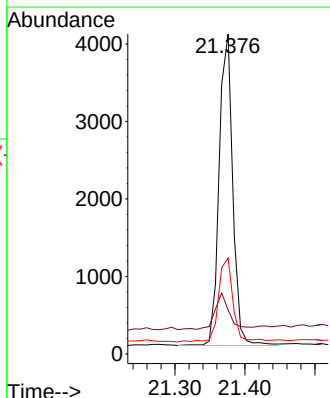
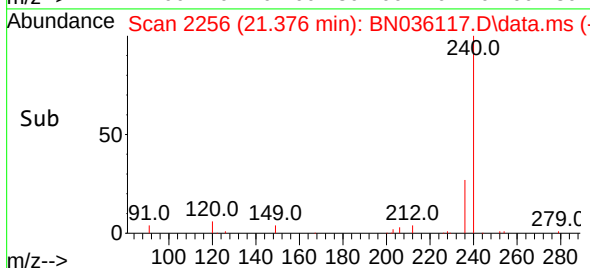
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 01/31/2025

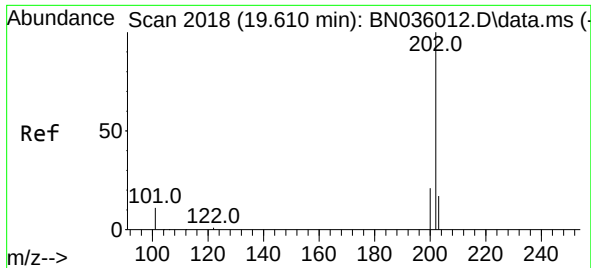


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.376 min Scan# 2256
Delta R.T. 0.009 min
Lab File: BN036117.D
Acq: 29 Jan 2025 21:07



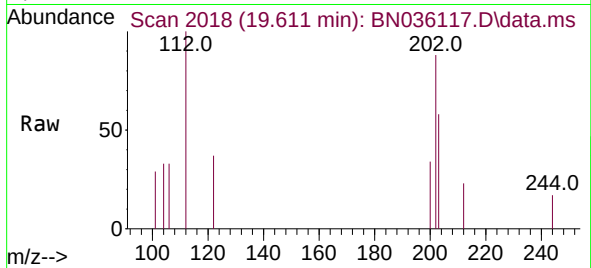
Tgt Ion:240 Resp: 5413
Ion Ratio Lower Upper
240 100
120 13.8 13.9 20.9
236 30.0 23.7 35.5





#30
Pyrene
Concen: 0.021 ng
RT: 19.611 min Scan# 2018
Delta R.T. 0.000 min
Lab File: BN036117.D
Acq: 29 Jan 2025 21:07

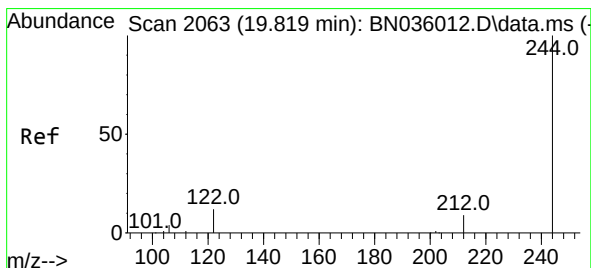
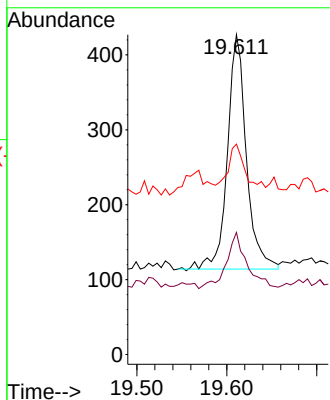
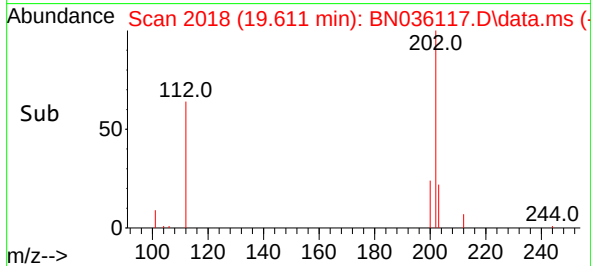
Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-GW-260-262



Tgt Ion:202 Resp: 460
Ion Ratio Lower Upper
202 100
200 26.1 17.0 25.4
203 16.7 14.4 21.6

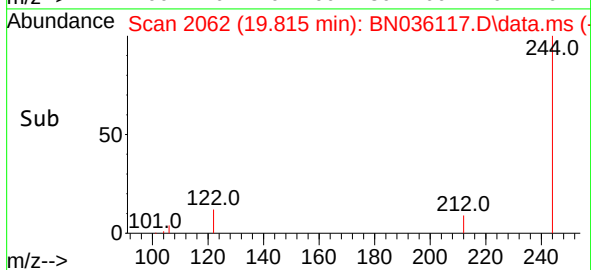
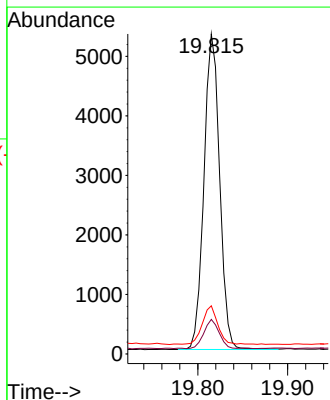
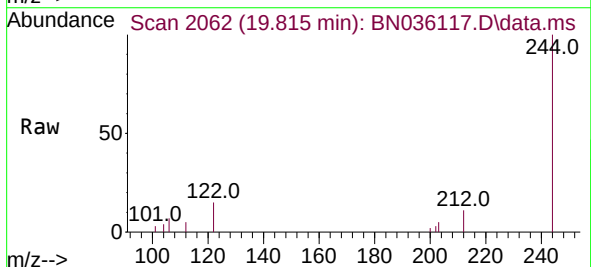
Manual Integrations
APPROVED

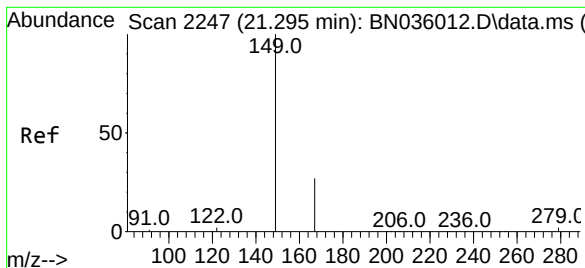
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 01/31/2025



#31
Terphenyl-d14
Concen: 0.574 ng
RT: 19.815 min Scan# 2062
Delta R.T. -0.004 min
Lab File: BN036117.D
Acq: 29 Jan 2025 21:07

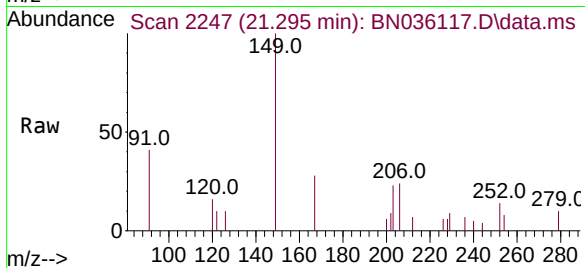
Tgt Ion:244 Resp: 6452
Ion Ratio Lower Upper
244 100
212 10.8 9.1 13.7
122 15.0 11.3 16.9





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.146 ng
RT: 21.295 min Scan# 211
Delta R.T. 0.000 min
Lab File: BN036117.D
Acq: 29 Jan 2025 21:07

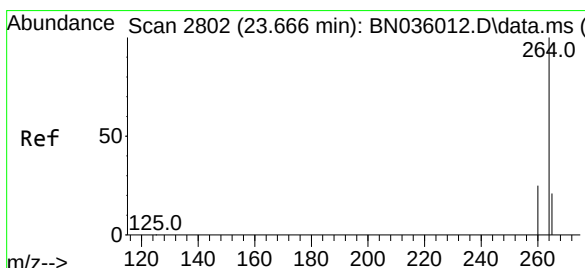
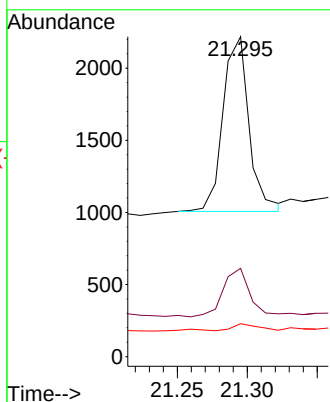
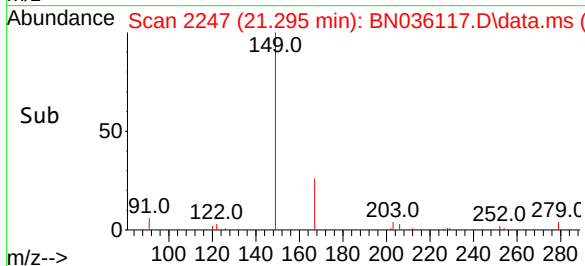
Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-GW-260-262



Tgt Ion:149 Resp: 1569
Ion Ratio Lower Upper
149 100
167 30.0 21.9 32.9
279 4.0 3.0 4.6

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 01/31/2025



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.672 min Scan# 2804
Delta R.T. 0.006 min
Lab File: BN036117.D
Acq: 29 Jan 2025 21:07

Tgt Ion:264 Resp: 5178
Ion Ratio Lower Upper
264 100
260 26.7 21.8 32.6
265 122.6 56.6 84.8#

