

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012925\
 Data File : BN036120.D
 Acq On : 29 Jan 2025 22:55
 Operator : RC/JU
 Sample : Q1173-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-192-GW-100-102

Manual Integrations
 APPROVED

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

Quant Time: Jan 30 01:01:08 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.803	152	2447	0.400	ng	-0.01
7) Naphthalene-d8	10.590	136	5665	0.400	ng	#-0.02
13) Acenaphthene-d10	14.442	164	3082	0.400	ng	0.00
19) Phenanthrene-d10	17.186	188	6244	0.400	ng	# 0.00
29) Chrysene-d12	21.367	240	5342	0.400	ng	# 0.00
35) Perylene-d12	23.672	264	5628	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.419	112	1639	0.258	ng	0.03
5) Phenol-d6	7.015	99	1514m	0.203	ng	0.04
8) Nitrobenzene-d5	8.945	82	2225	0.416	ng	-0.01
11) 2-Methylnaphthalene-d10	12.187	152	3056	0.397	ng	-0.01
14) 2,4,6-Tribromophenol	15.933	330	713	0.361	ng	0.00
15) 2-Fluorobiphenyl	13.062	172	4980	0.362	ng	0.00
27) Fluoranthene-d10	19.220	212	6970	0.431	ng	0.00
31) Terphenyl-d14	19.815	244	6502	0.586	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.643	128	477	0.029	ng	# 68
28) Fluoranthene	19.248	202	1310	0.059	ng	# 31
30) Pyrene	19.611	202	923	0.043	ng	# 92
34) Bis(2-ethylhexyl)phtha...	21.286	149	5011	0.472	ng	100

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

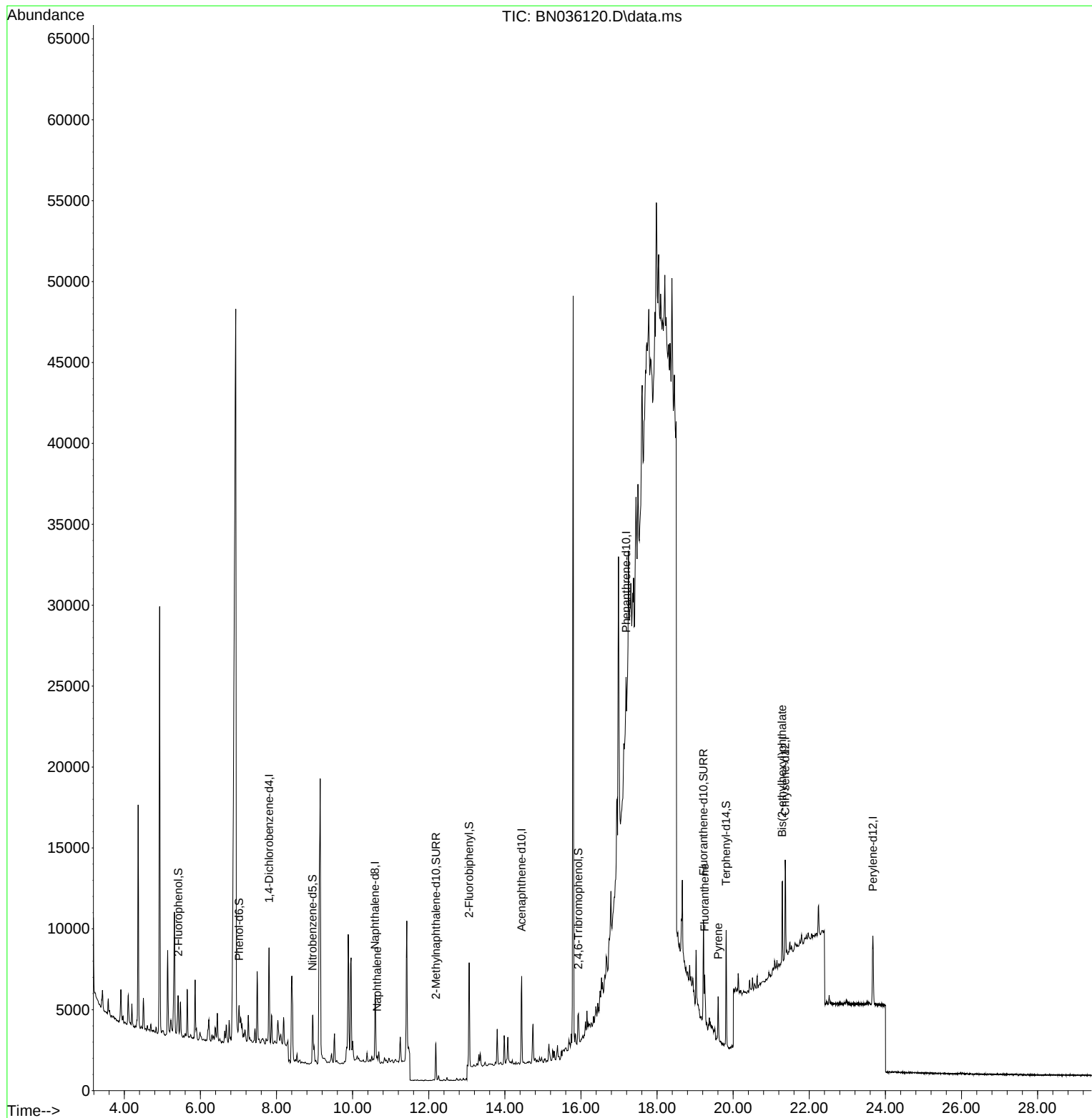
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Data File : BN036120.D
Acq On : 29 Jan 2025 22:55
Operator : RC/JU
Sample : Q1173-03
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Instrument :
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ClientSampleId :
BP-VPB-192-GW-100-102

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Supervised By :mohammad ahmed 01/31/2025

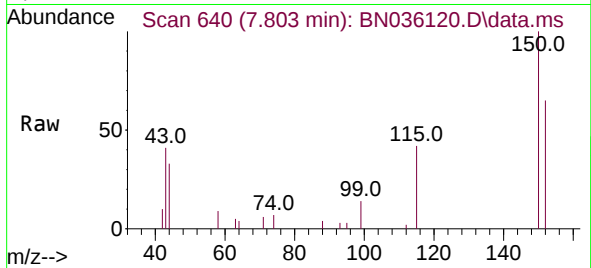
Quant Time: Jan 30 01:01:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 23 00:34:56 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.803 min Scan# 64
Delta R.T. -0.014 min
Lab File: BN036120.D
Acq: 29 Jan 2025 22:55

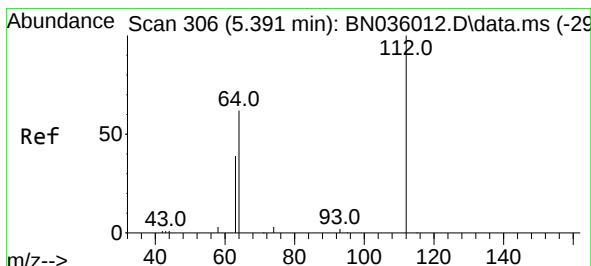
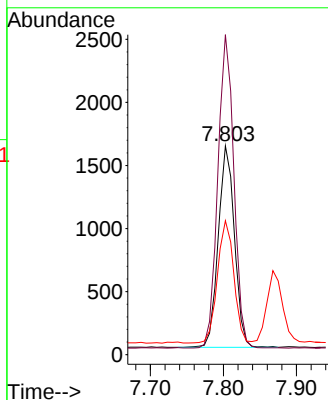
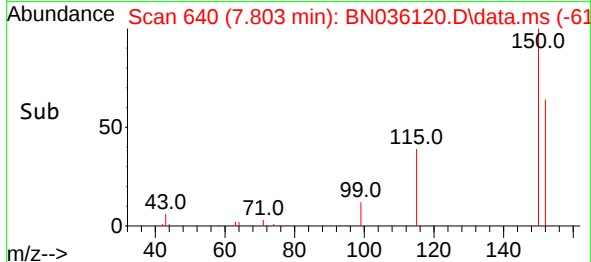
Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-GW-100-102



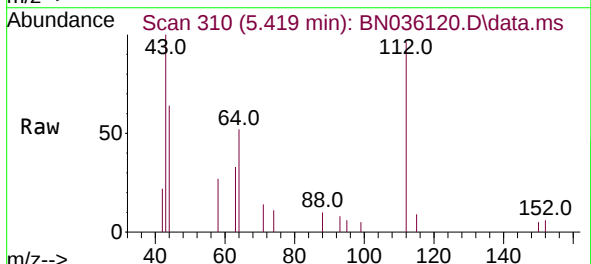
Tgt Ion:152 Resp: 244
Ion Ratio Lower Upper
152 100
150 153.2 117.4 176.2
115 64.1 51.0 76.4

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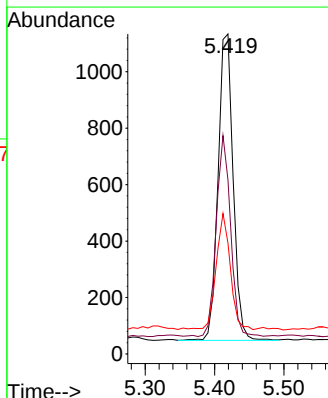
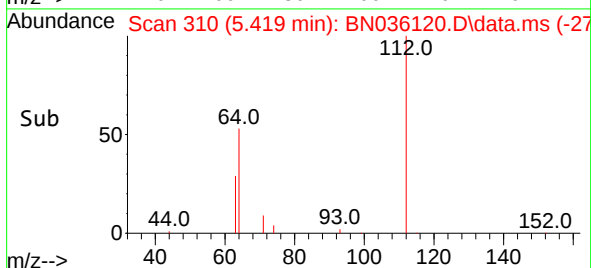
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 01/31/2025

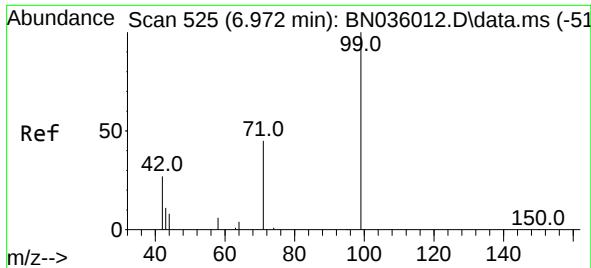


#4
2-Fluorophenol
Concen: 0.258 ng
RT: 5.419 min Scan# 310
Delta R.T. 0.029 min
Lab File: BN036120.D
Acq: 29 Jan 2025 22:55



Tgt Ion:112 Resp: 1639
Ion Ratio Lower Upper
112 100
64 61.5 50.0 75.0
63 36.0 30.7 46.1





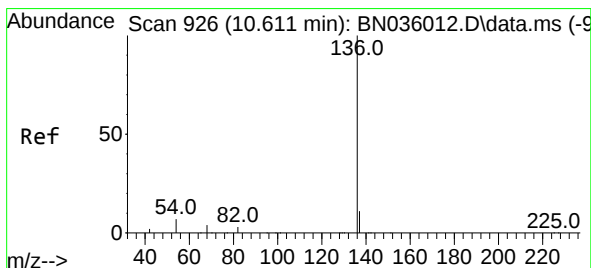
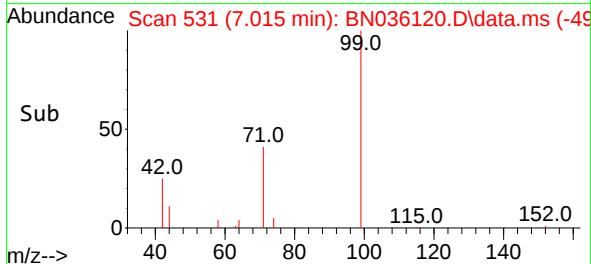
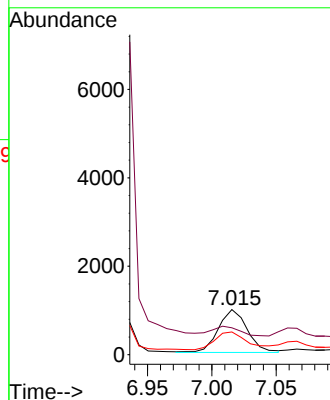
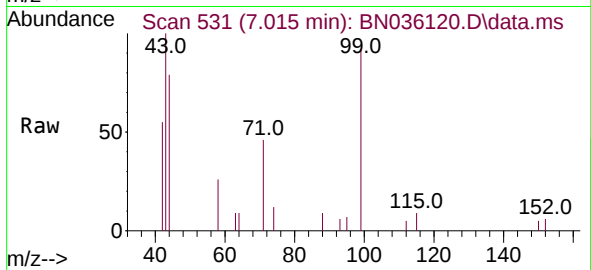
#5
Phenol-d6
Concen: 0.203 ng m
RT: 7.015 min Scan# 51
Delta R.T. 0.043 min
Lab File: BN036120.D
Acq: 29 Jan 2025 22:55

Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-GW-100-102

Tgt Ion: 99 Resp: 1514
Ion Ratio Lower Upper
99 100
42 3725.3 26.8 40.2
71 241.1 36.6 55.0

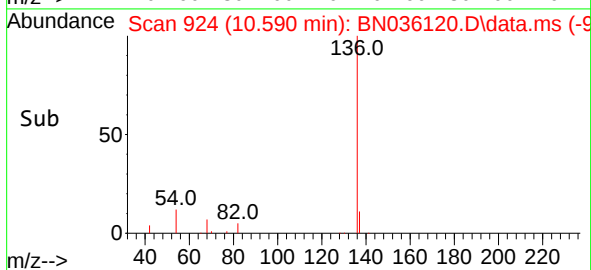
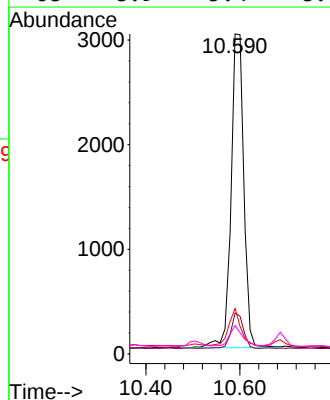
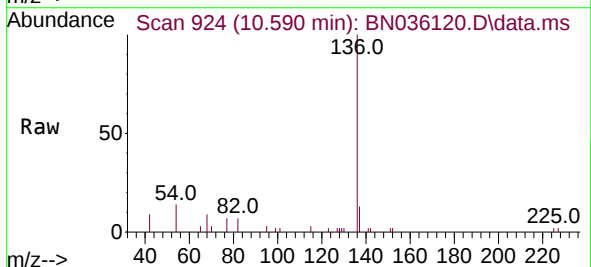
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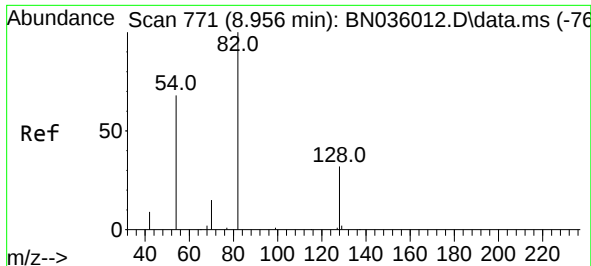
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 01/31/2025



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.590 min Scan# 924
Delta R.T. -0.021 min
Lab File: BN036120.D
Acq: 29 Jan 2025 22:55

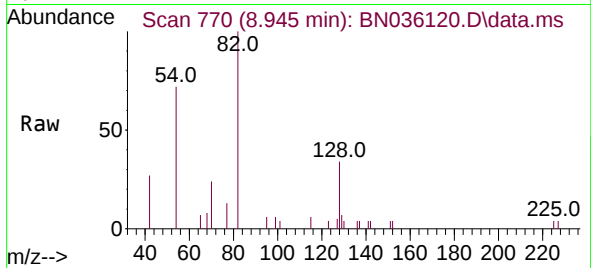
Tgt Ion:136 Resp: 5665
Ion Ratio Lower Upper
136 100
137 12.8 10.4 15.6
54 14.2 7.7 11.5#
68 8.9 5.4 8.0#





#8
Nitrobenzene-d5
Concen: 0.416 ng
RT: 8.945 min Scan# 711
Delta R.T. -0.011 min
Lab File: BN036120.D
Acq: 29 Jan 2025 22:55

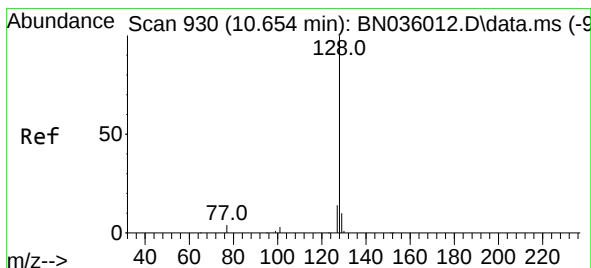
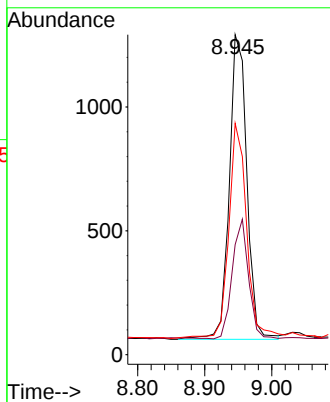
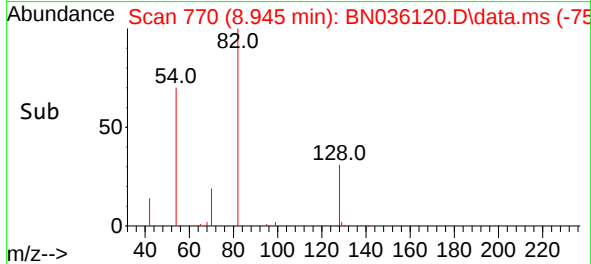
Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-GW-100-102



Tgt Ion: 82 Resp: 2225
Ion Ratio Lower Upper
82 100
128 34.4 28.8 43.2
54 72.3 55.8 83.8

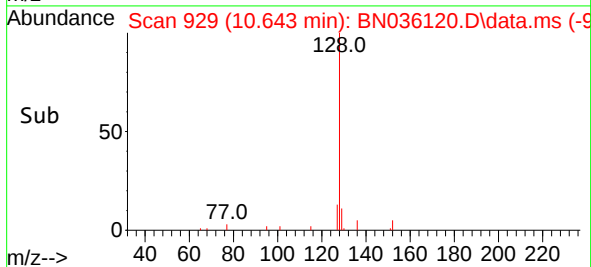
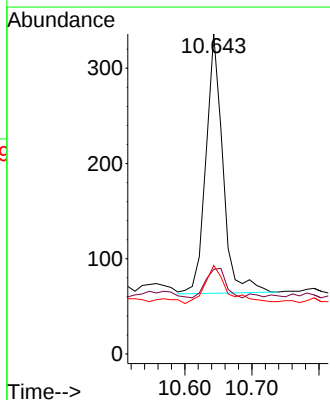
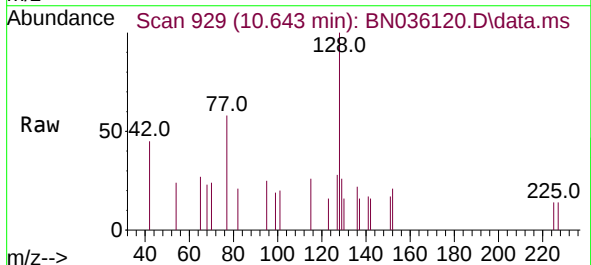
Manual Integrations
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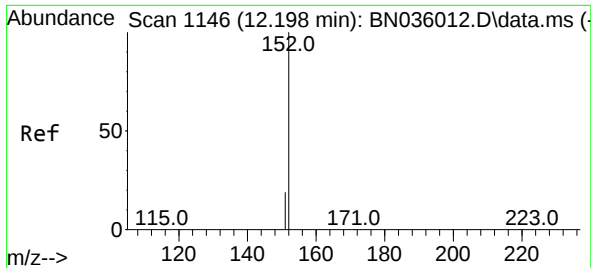
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 01/31/2025



#9
Naphthalene
Concen: 0.029 ng
RT: 10.643 min Scan# 929
Delta R.T. -0.011 min
Lab File: BN036120.D
Acq: 29 Jan 2025 22:55

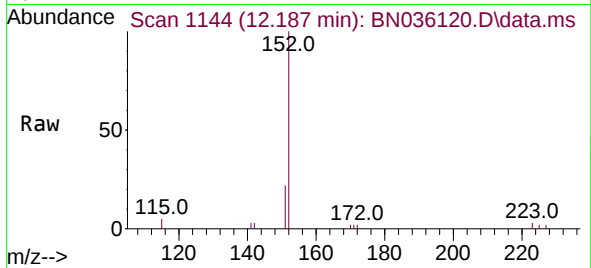
Tgt Ion:128 Resp: 477
Ion Ratio Lower Upper
128 100
129 26.5 9.4 14.2#
127 27.7 12.6 19.0#





#11
2-Methylnaphthalene-d10
Concen: 0.397 ng
RT: 12.187 min Scan# 1146
Delta R.T. -0.010 min
Lab File: BN036120.D
Acq: 29 Jan 2025 22:55

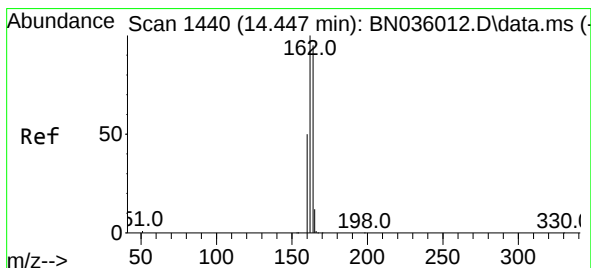
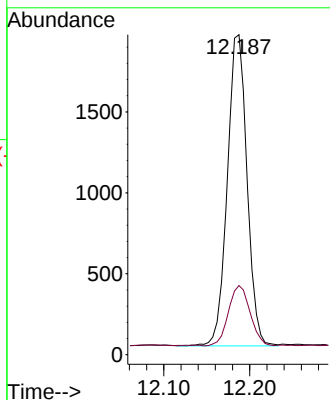
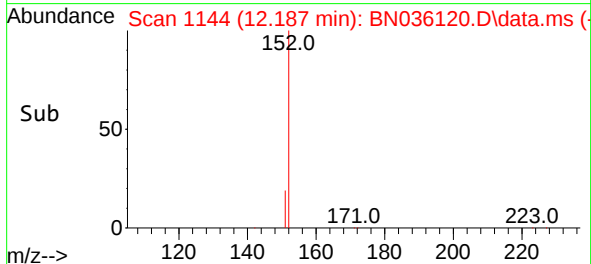
Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-GW-100-102



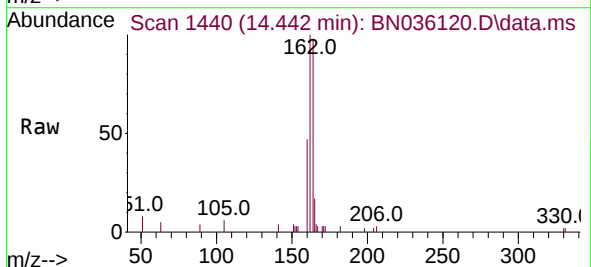
Tgt Ion:152 Resp: 3050
Ion Ratio Lower Upper
152 100
151 21.3 16.6 25.0

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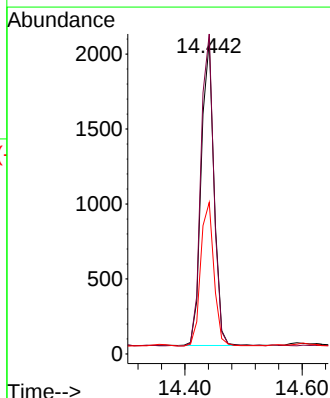
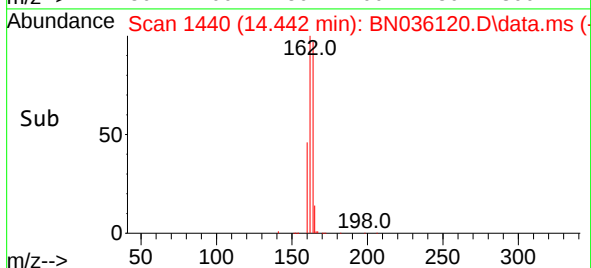
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 01/31/2025

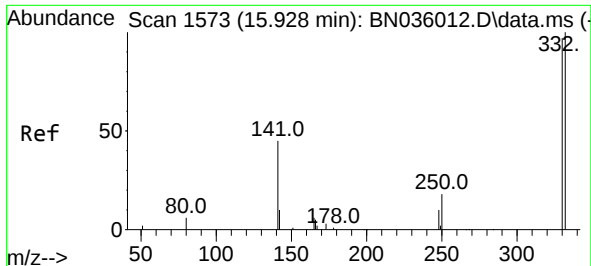


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.442 min Scan# 1440
Delta R.T. -0.006 min
Lab File: BN036120.D
Acq: 29 Jan 2025 22:55



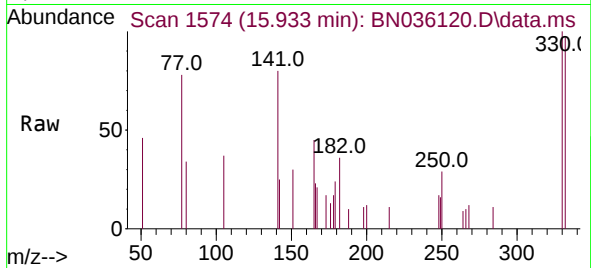
Tgt Ion:164 Resp: 3082
Ion Ratio Lower Upper
164 100
162 102.4 84.1 126.1
160 48.5 43.8 65.8





#14
2,4,6-Tribromophenol
Concen: 0.361 ng
RT: 15.933 min Scan# 1574
Delta R.T. 0.005 min
Lab File: BN036120.D
Acq: 29 Jan 2025 22:55

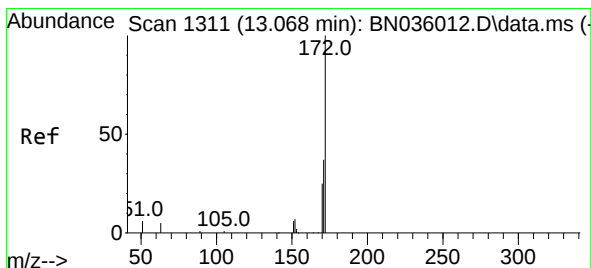
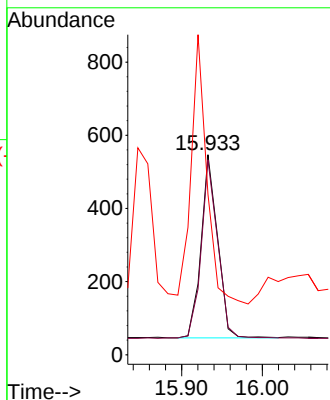
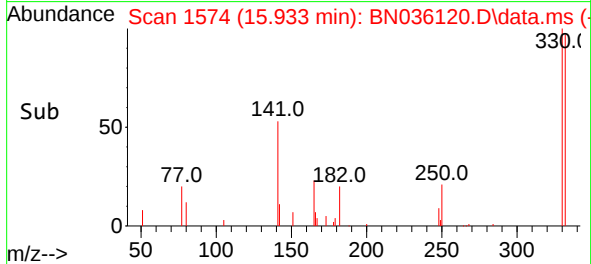
Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-GW-100-102



Tgt Ion: 330 Resp: 711
Ion Ratio Lower Upper
330 100
332 97.9 81.0 121.4
141 137.7 36.7 55.1

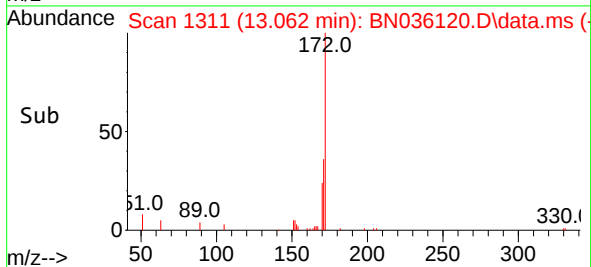
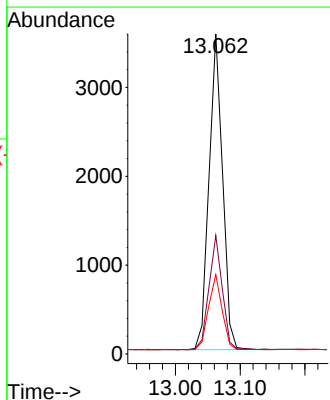
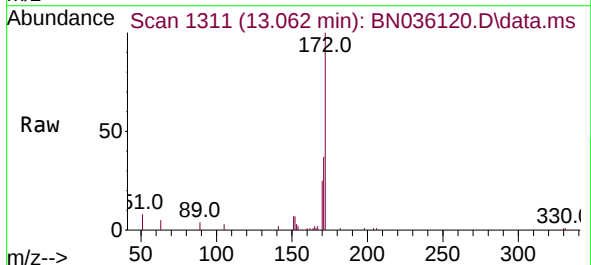
Manual Integrations
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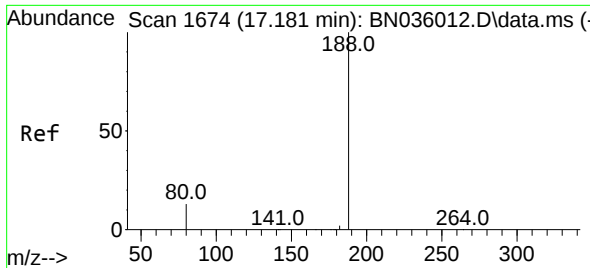
Reviewed By : Yogesh Patel 01/30/2025
Supervised By : mohammad ahmed 01/31/2025



#15
2-Fluorobiphenyl
Concen: 0.362 ng
RT: 13.062 min Scan# 1311
Delta R.T. -0.006 min
Lab File: BN036120.D
Acq: 29 Jan 2025 22:55

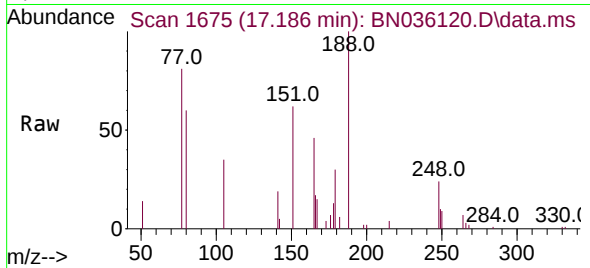
Tgt Ion: 172 Resp: 4980
Ion Ratio Lower Upper
172 100
171 37.0 30.9 46.3
170 24.8 21.2 31.8





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.186 min Scan# 1675
Delta R.T. 0.005 min
Lab File: BN036120.D
Acq: 29 Jan 2025 22:55

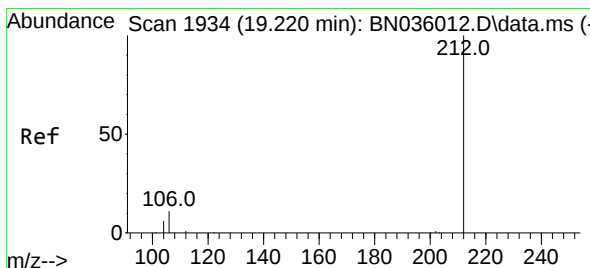
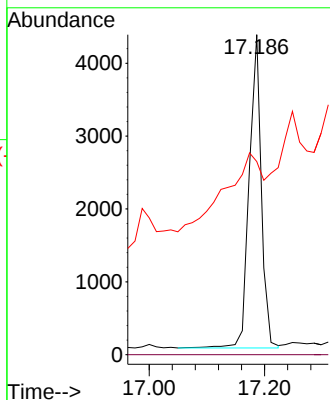
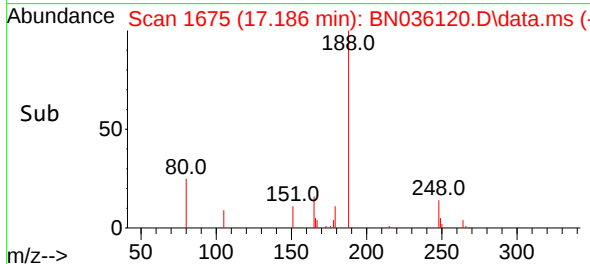
Instrument :
BNA_N
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BP-VPB-192-GW-100-102



Tgt Ion:188 Resp: 6244
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 60.3 12.3 18.5

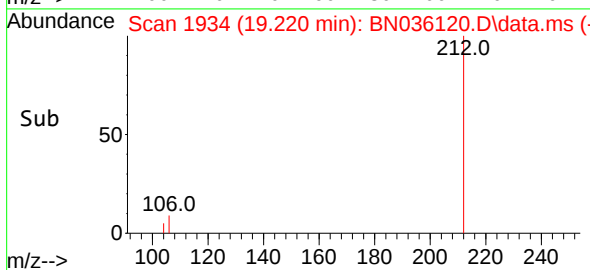
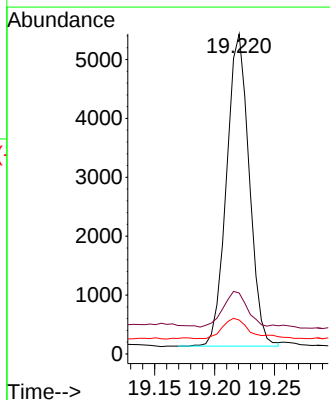
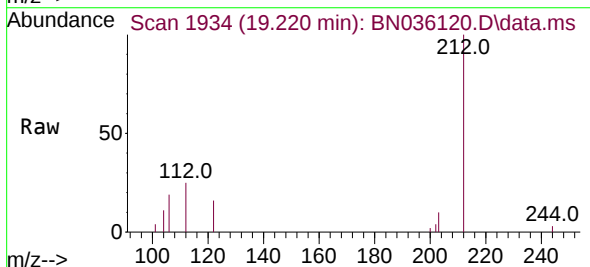
Manual Integrations
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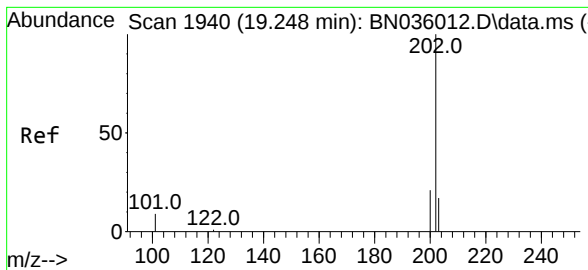
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 01/31/2025



#27
Fluoranthene-d10
Concen: 0.431 ng
RT: 19.220 min Scan# 1934
Delta R.T. 0.000 min
Lab File: BN036120.D
Acq: 29 Jan 2025 22:55

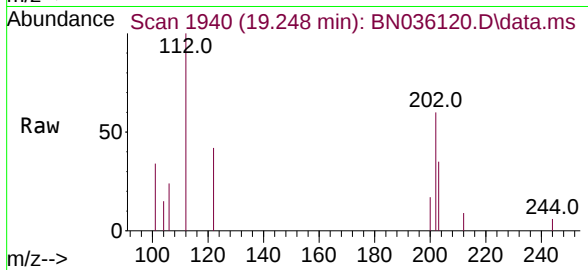
Tgt Ion:212 Resp: 6970
Ion Ratio Lower Upper
212 100
106 12.1 9.7 14.5
104 7.7 6.0 9.0





#28
Fluoranthene
Concen: 0.059 ng
RT: 19.248 min Scan# 1940
Delta R.T. 0.000 min
Lab File: BN036120.D
Acq: 29 Jan 2025 22:55

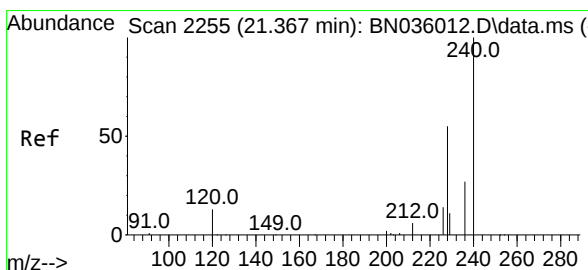
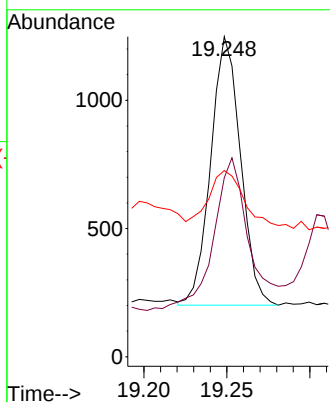
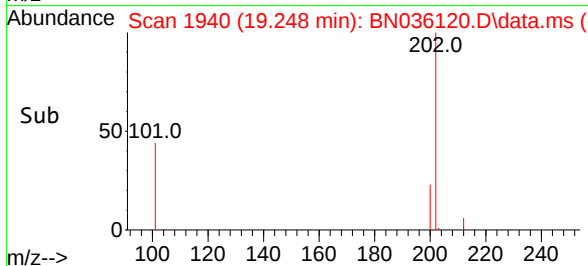
Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-GW-100-102



Tgt Ion:202 Resp: 1310
Ion Ratio Lower Upper
202 100
101 67.6 7.6 11.4
203 26.0 13.8 20.6

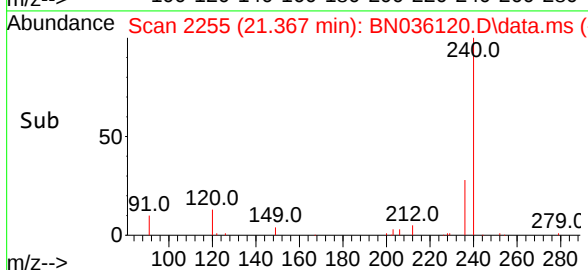
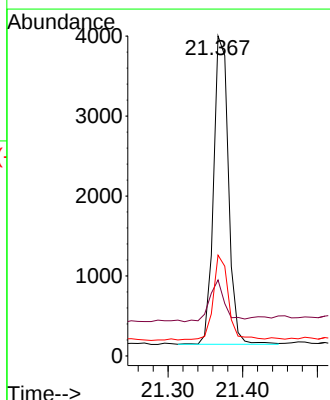
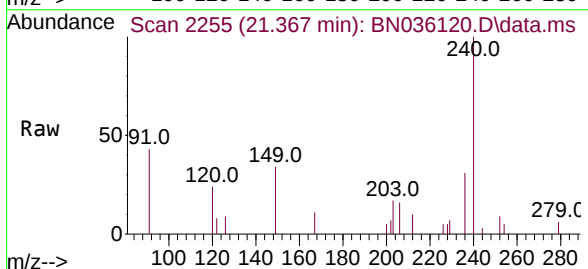
Manual Integrations
APPROVED

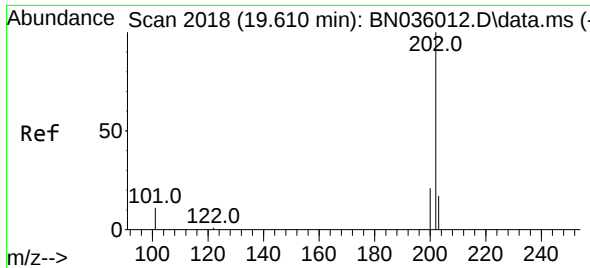
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 01/31/2025



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.367 min Scan# 2255
Delta R.T. 0.000 min
Lab File: BN036120.D
Acq: 29 Jan 2025 22:55

Tgt Ion:240 Resp: 5342
Ion Ratio Lower Upper
240 100
120 23.8 13.9 20.9
236 31.5 23.7 35.5





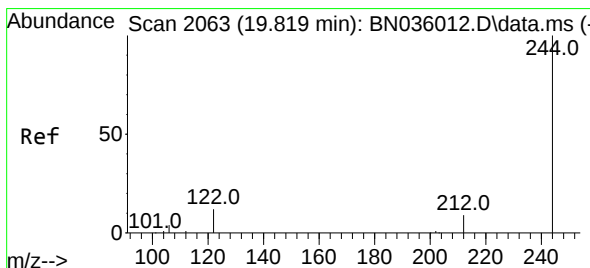
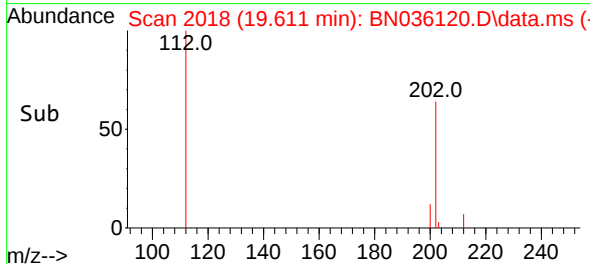
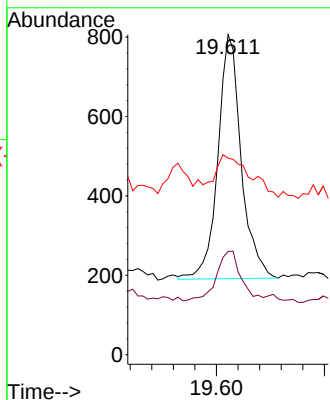
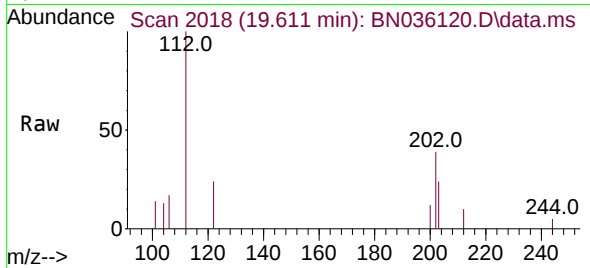
#30
Pyrene
Concen: 0.043 ng
RT: 19.611 min Scan# 2018
Delta R.T. 0.000 min
Lab File: BN036120.D
Acq: 29 Jan 2025 22:55

Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-GW-100-102

Tgt Ion:202 Resp: 92.0
Ion Ratio Lower Upper
202 100
200 21.1 17.0 25.4
203 25.2 14.4 21.6

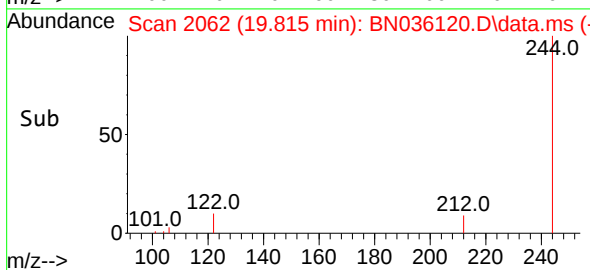
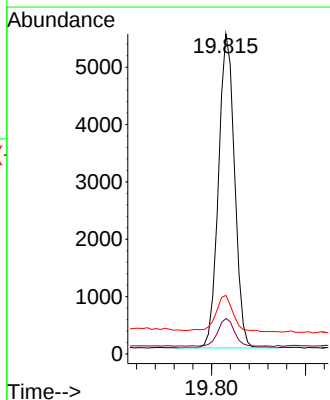
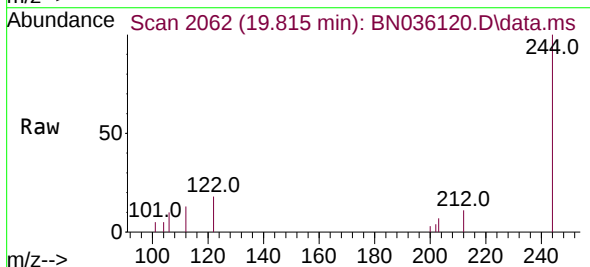
Manual Integrations
APPROVED

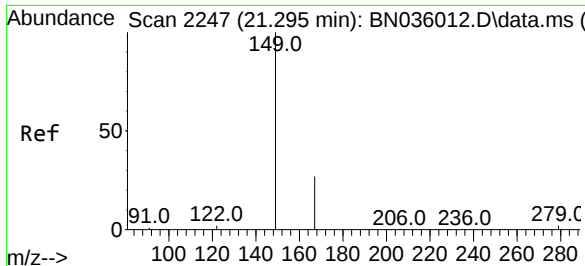
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 01/31/2025



#31
Terphenyl-d14
Concen: 0.586 ng
RT: 19.815 min Scan# 2062
Delta R.T. -0.004 min
Lab File: BN036120.D
Acq: 29 Jan 2025 22:55

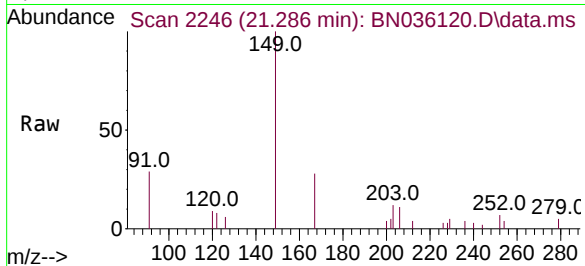
Tgt Ion:244 Resp: 6502
Ion Ratio Lower Upper
244 100
212 11.1 9.1 13.7
122 18.3 11.3 16.9





#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.472 ng
 RT: 21.286 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BN036120.D
 Acq: 29 Jan 2025 22:55

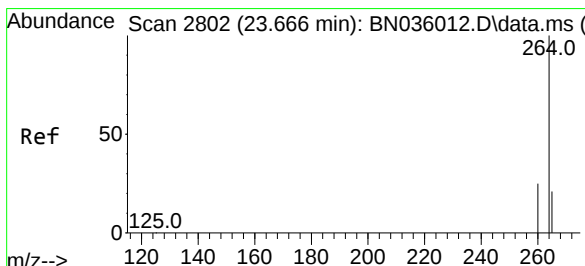
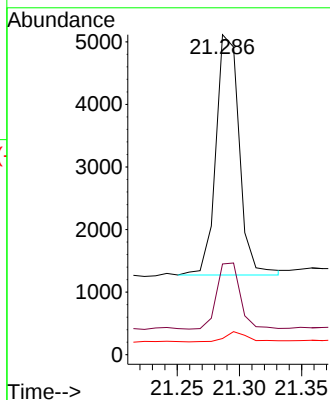
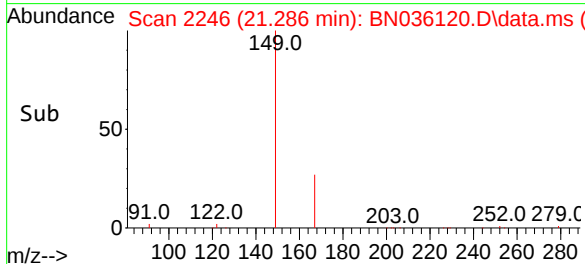
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-192-GW-100-102



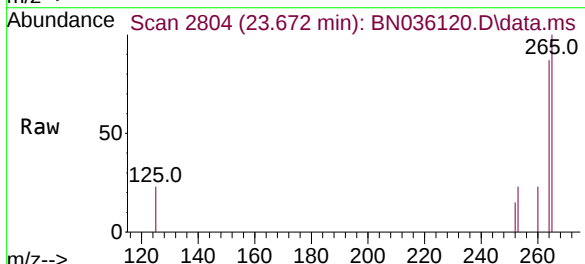
Tgt Ion:149 Resp: 501
 Ion Ratio Lower Upper
 149 100
 167 27.5 21.9 32.9
 279 4.4 3.0 4.6

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: BN036120.D
 Acq: 29 Jan 2025 22:55



Tgt Ion:264 Resp: 5628
 Ion Ratio Lower Upper
 264 100
 260 26.5 21.8 32.6
 265 114.9 56.6 84.8#

