

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020525\
 Data File : BN036323.D
 Acq On : 06 Feb 2025 07:27
 Operator : RC/JU
 Sample : Q1283-05
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-192-GW-500-502

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 02/06/2025
 Supervised By :mohammad ahmed 02/07/2025

Quant Time: Feb 06 08:02:19 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 Feb 06 01:04:09 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	2177	0.400	ng	0.00
7) Naphthalene-d8	10.562	136	4873	0.400	ng	0.00
13) Acenaphthene-d10	14.409	164	2591	0.400	ng	0.00
19) Phenanthrene-d10	17.149	188	5153	0.400	ng	-0.01
29) Chrysene-d12	21.340	240	5130	0.400	ng	0.00
35) Perylene-d12	23.625	264	5436	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.363	112	927	0.164	ng	0.00
5) Phenol-d6	6.952	99	651	0.098	ng	0.00
8) Nitrobenzene-d5	8.918	82	1663	0.362	ng	-0.01
11) 2-Methylnaphthalene-d10	12.152	152	2399	0.362	ng	0.00
14) 2,4,6-Tribromophenol	15.895	330	437	0.263	ng	-0.01
15) 2-Fluorobiphenyl	13.030	172	3375	0.292	ng	-0.01
27) Fluoranthene-d10	19.188	212	5569	0.417	ng	0.00
31) Terphenyl-d14	19.782	244	4207	0.395	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.283	88	7529m	3.094	ng	Qvalue
24) Pentachlorophenol	16.813	266	1017	0.486	ng	95
34) Bis(2-ethylhexyl)phtha...	21.259	149	3005	0.295	ng	99

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

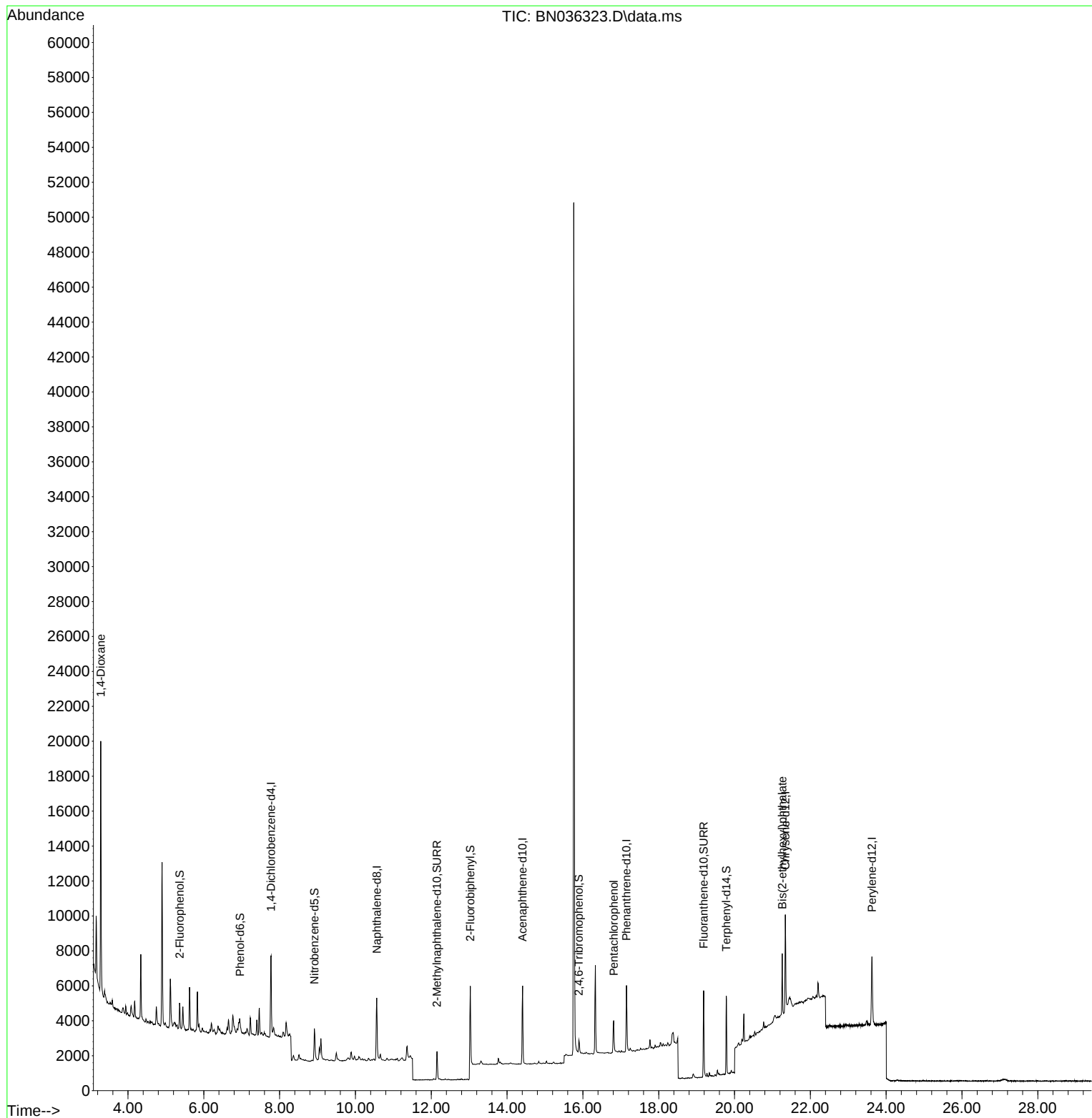
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020525\
Data File : BN036323.D
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ALS Vial : 22 Sample Multiplier: 1

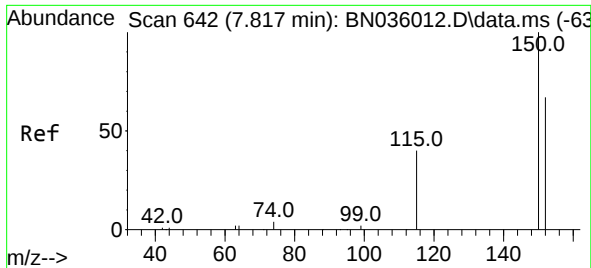
Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-GW-500-502

Manual Integrations
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Supervised By :mohammad ahmed 02/07/2025

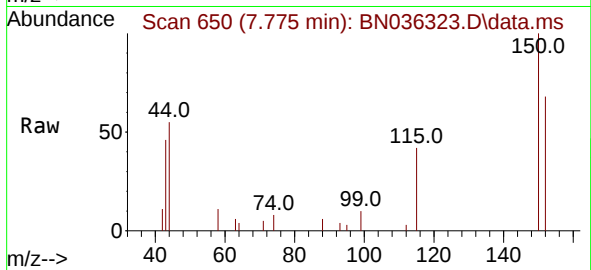
Quant Time: Feb 06 08:02:19 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 01:04:09 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.775 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN036323.D
Acq: 06 Feb 2025 07:27

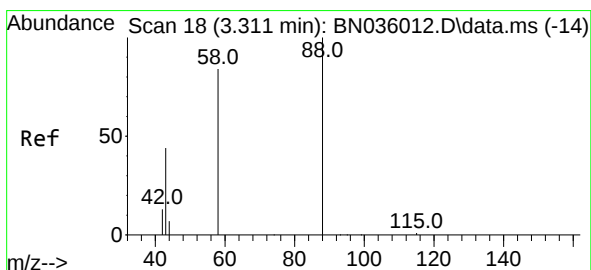
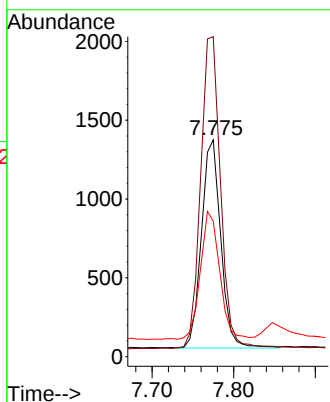
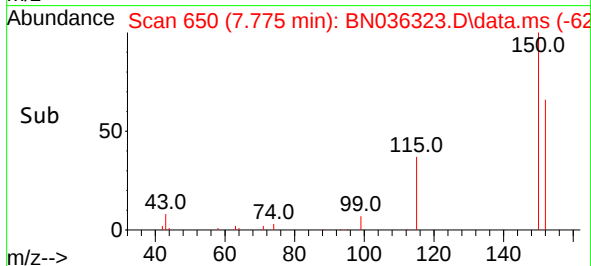
Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-GW-500-502



Tgt Ion:152 Resp: 217
Ion Ratio Lower Upper
152 100
150 147.6 117.4 176.2
115 62.5 51.0 76.4

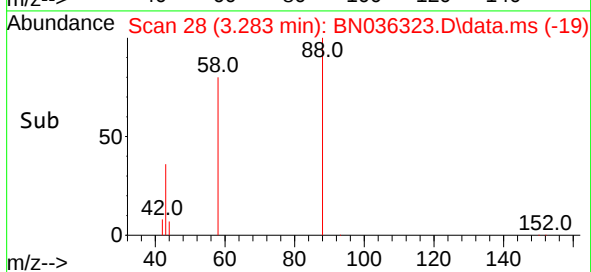
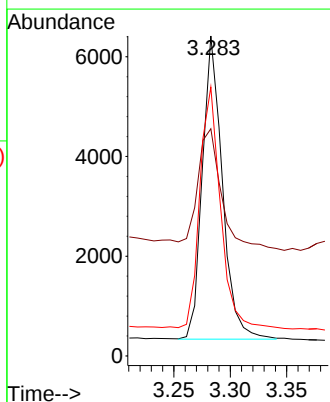
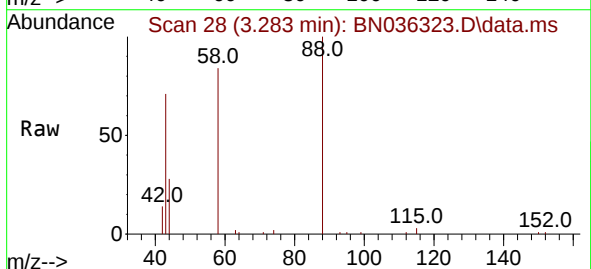
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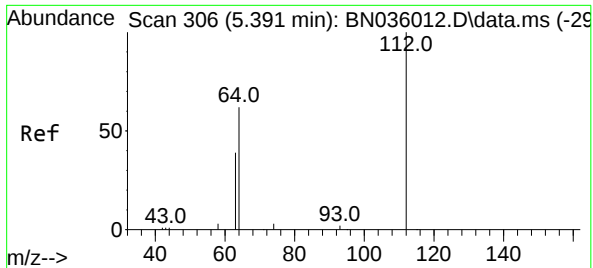
Reviewed By :Jagrut Upadhyay 02/06/2025
Supervised By :mohammad ahmed 02/07/2025



#2
1,4-Dioxane
Concen: 3.094 ng m
RT: 3.283 min Scan# 28
Delta R.T. -0.007 min
Lab File: BN036323.D
Acq: 06 Feb 2025 07:27

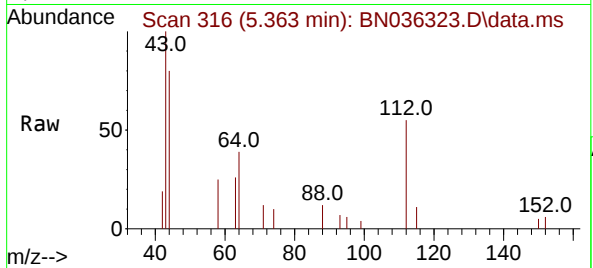
Tgt Ion: 88 Resp: 7529
Ion Ratio Lower Upper
88 100
43 44.1 38.5 57.7
58 81.0 66.6 99.8





#4
2-Fluorophenol
Concen: 0.164 ng
RT: 5.363 min Scan# 316
Delta R.T. 0.000 min
Lab File: BN036323.D
Acq: 06 Feb 2025 07:27

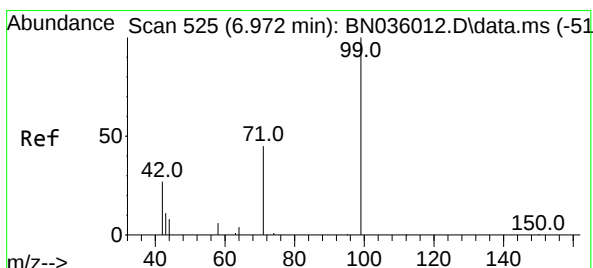
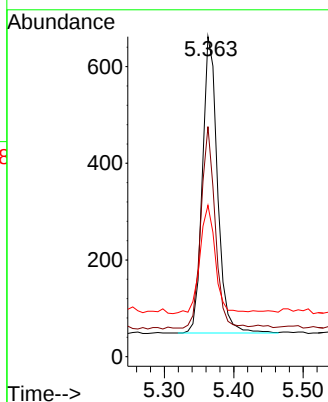
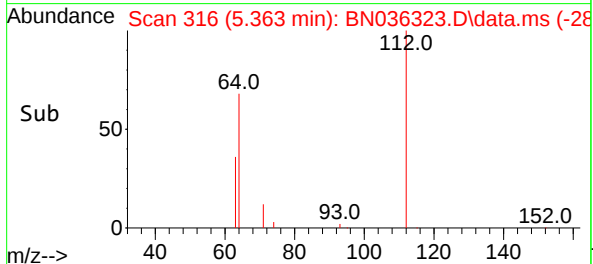
Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-GW-500-502



Tgt Ion: 112 Resp: 92
Ion Ratio Lower Upper
112 100
64 64.1 50.0 75.0
63 37.5 30.7 46.1

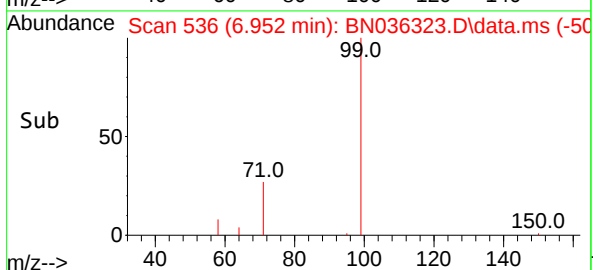
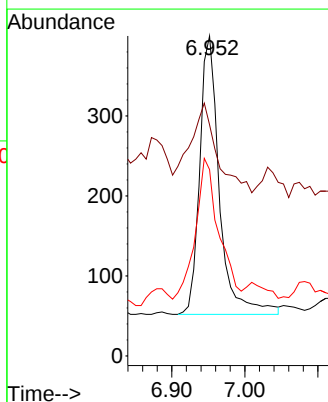
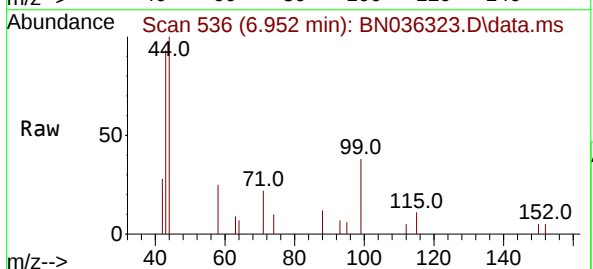
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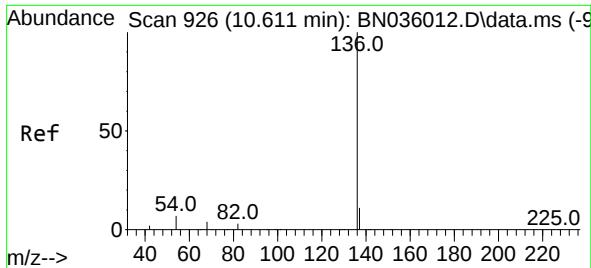
Reviewed By :Jagrut Upadhyay 02/06/2025
Supervised By :mohammad ahmed 02/07/2025



#5
Phenol-d6
Concen: 0.098 ng
RT: 6.952 min Scan# 536
Delta R.T. 0.000 min
Lab File: BN036323.D
Acq: 06 Feb 2025 07:27

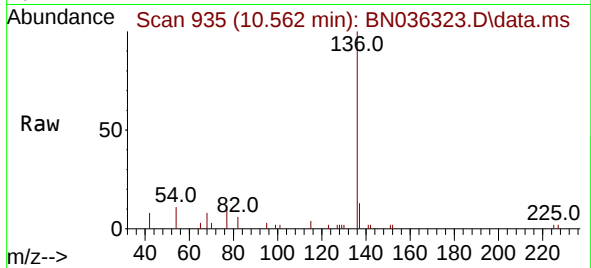
Tgt Ion: 99 Resp: 651
Ion Ratio Lower Upper
99 100
42 44.7 26.8 40.2#
71 60.8 36.6 55.0#





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.562 min Scan# 911
Delta R.T. 0.000 min
Lab File: BN036323.D
Acq: 06 Feb 2025 07:27

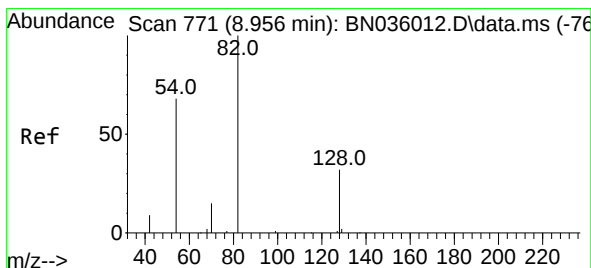
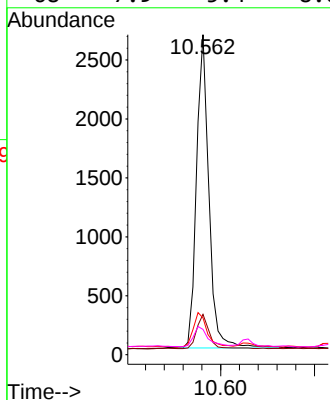
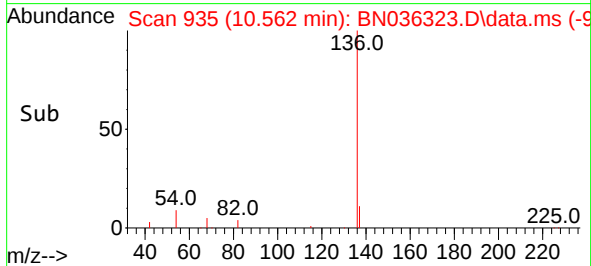
Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-GW-500-502



Tgt Ion:	136	Resp:	487
Ion	Ratio	Lower	Upper
136	100		
137	12.6	10.4	15.6
54	11.5	7.7	11.5
68	7.9	5.4	8.0

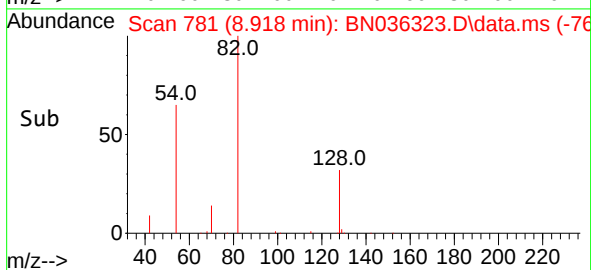
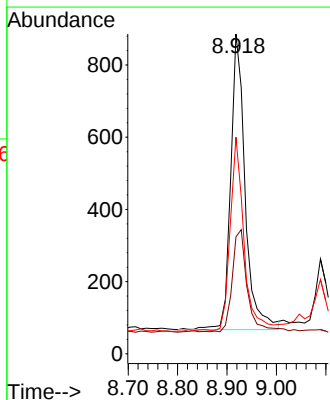
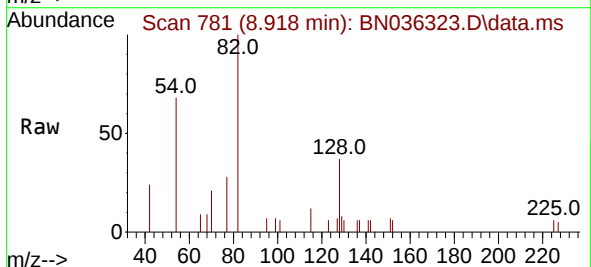
Manual Integrations
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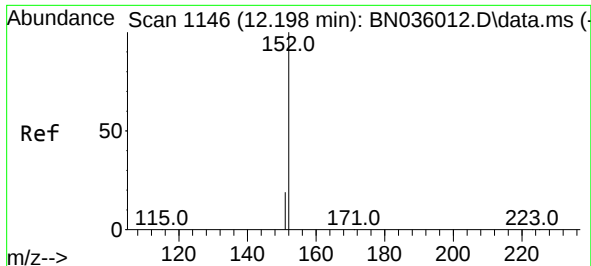
Reviewed By :Jagrut Upadhyay 02/06/2025
Supervised By :mohammad ahmed 02/07/2025



#8
Nitrobenzene-d5
Concen: 0.362 ng
RT: 8.918 min Scan# 781
Delta R.T. -0.011 min
Lab File: BN036323.D
Acq: 06 Feb 2025 07:27

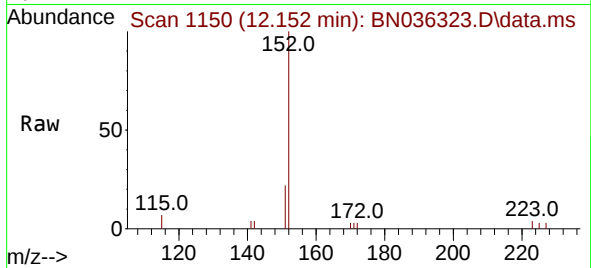
Tgt Ion:	82	Resp:	1663
Ion	Ratio	Lower	Upper
82	100		
128	36.6	28.8	43.2
54	67.7	55.8	83.8





#11
2-Methylnaphthalene-d10
Concen: 0.362 ng
RT: 12.152 min Scan# 1146
Delta R.T. -0.005 min
Lab File: BN036323.D
Acq: 06 Feb 2025 07:27

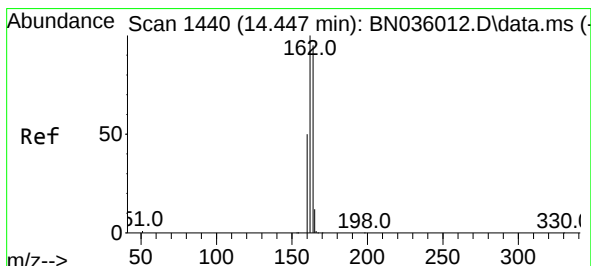
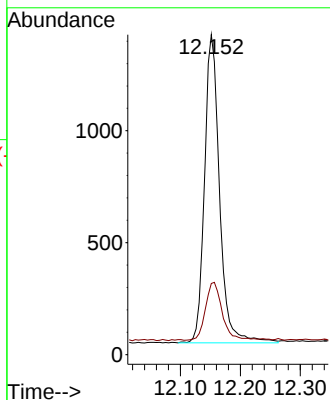
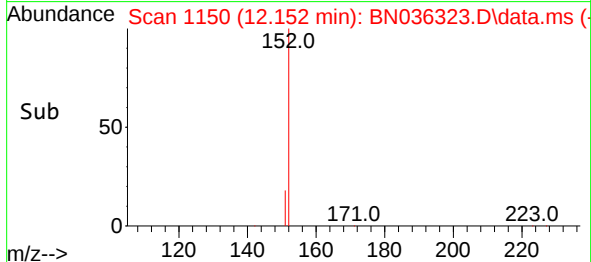
Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-GW-500-502



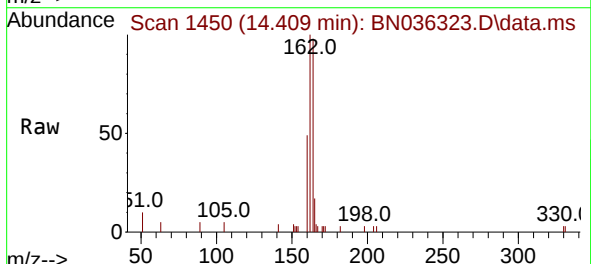
Tgt Ion:152 Resp: 2398
Ion Ratio Lower Upper
152 100
151 21.0 16.6 25.0

Manual Integrations
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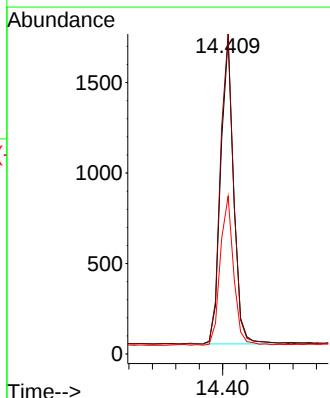
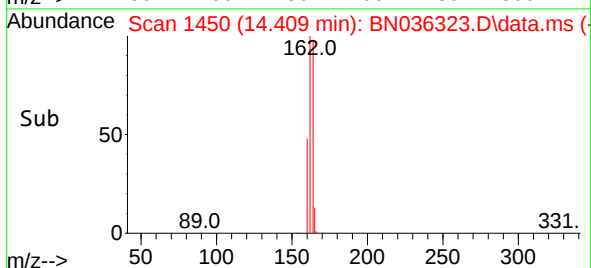
Reviewed By :Jagrut Upadhyay 02/06/2025
Supervised By :mohammad ahmed 02/07/2025

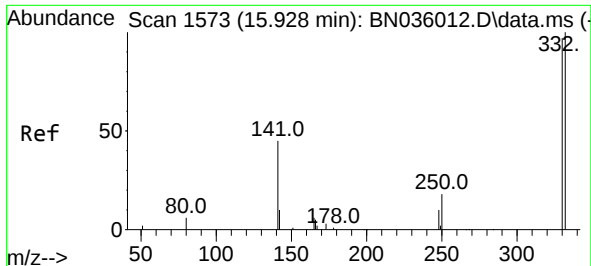


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.409 min Scan# 1450
Delta R.T. 0.000 min
Lab File: BN036323.D
Acq: 06 Feb 2025 07:27



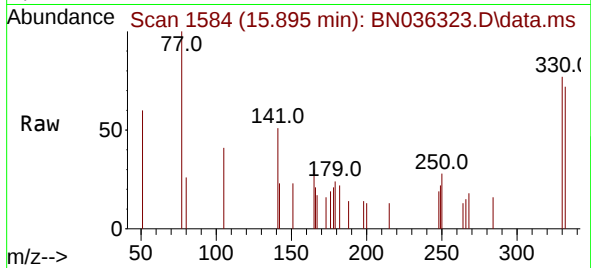
Tgt Ion:164 Resp: 2591
Ion Ratio Lower Upper
164 100
162 101.5 84.1 126.1
160 50.0 43.8 65.8





#14
2,4,6-Tribromophenol
Concen: 0.263 ng
RT: 15.895 min Scan# 1584
Delta R.T. -0.012 min
Lab File: BN036323.D
Acq: 06 Feb 2025 07:27

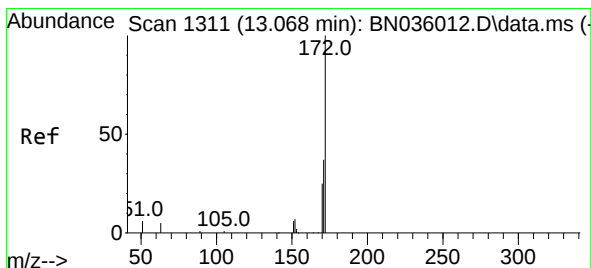
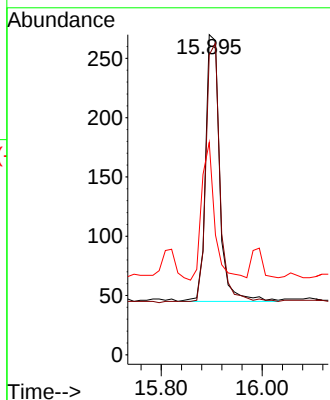
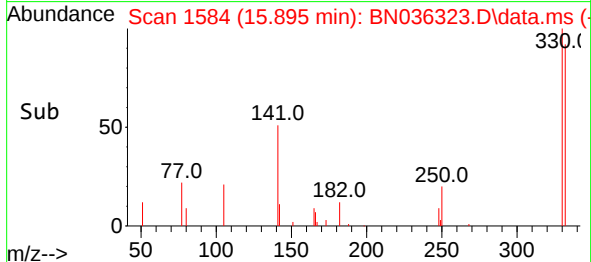
Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-GW-500-502



Tgt Ion:330 Resp: 437
Ion Ratio Lower Upper
330 100
332 95.7 81.0 121.4
141 47.8 36.7 55.1

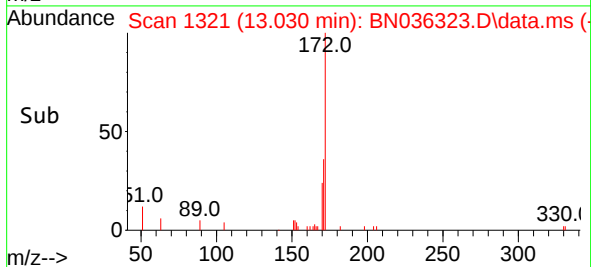
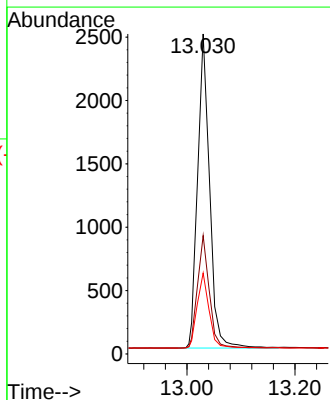
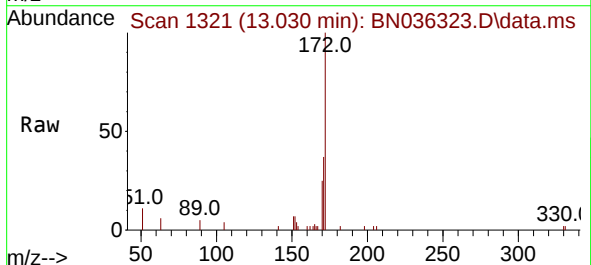
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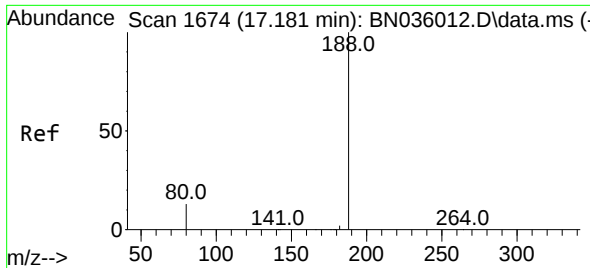
Reviewed By :Jagrut Upadhyay 02/06/2025
Supervised By :mohammad ahmed 02/07/2025



#15
2-Fluorobiphenyl
Concen: 0.292 ng
RT: 13.030 min Scan# 1321
Delta R.T. -0.011 min
Lab File: BN036323.D
Acq: 06 Feb 2025 07:27

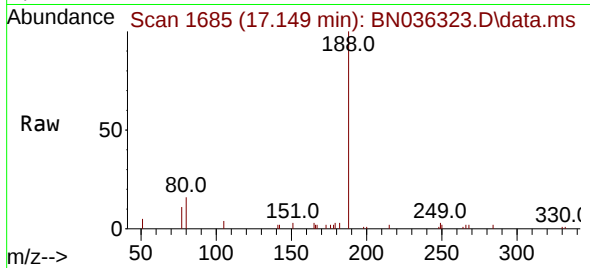
Tgt Ion:172 Resp: 3375
Ion Ratio Lower Upper
172 100
171 37.0 30.9 46.3
170 25.3 21.2 31.8





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.149 min Scan# 1658
Delta R.T. -0.012 min
Lab File: BN036323.D
Acq: 06 Feb 2025 07:27

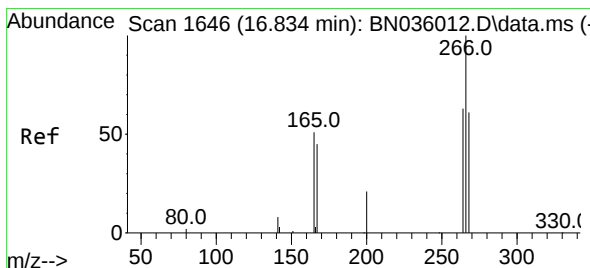
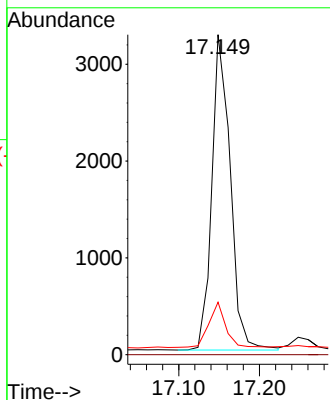
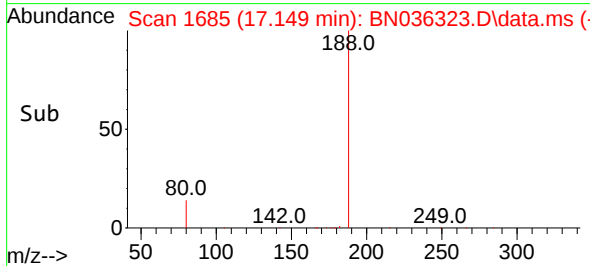
Instrument :
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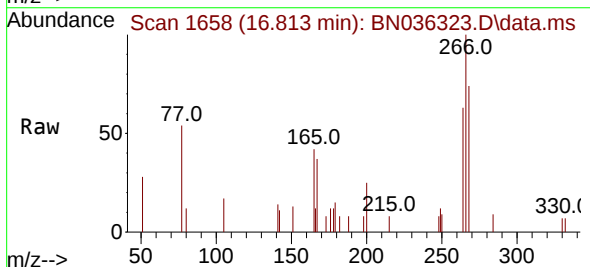
Tgt Ion:188 Resp: 515
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 16.4 12.3 18.5

Manual Integrations
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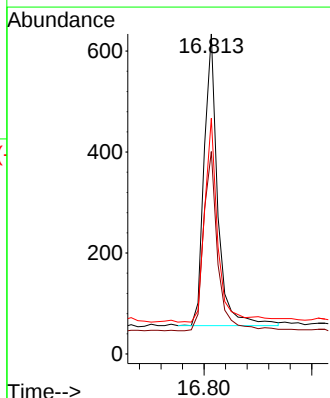
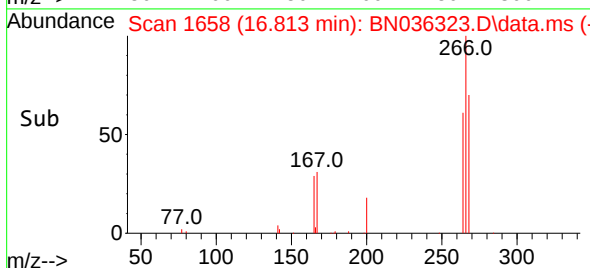
Reviewed By :Jagrut Upadhyay 02/06/2025
Supervised By :mohammad ahmed 02/07/2025

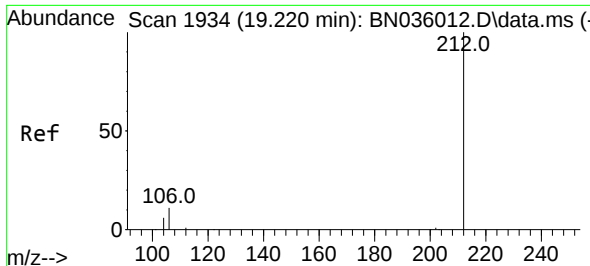


#24
Pentachlorophenol
Concen: 0.486 ng
RT: 16.813 min Scan# 1658
Delta R.T. 0.000 min
Lab File: BN036323.D
Acq: 06 Feb 2025 07:27



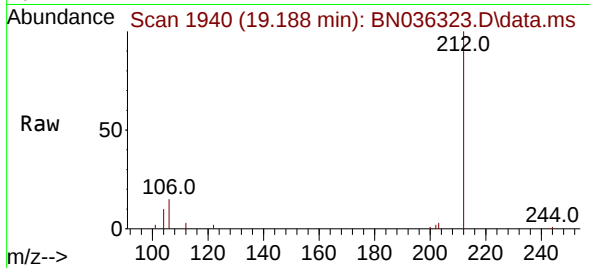
Tgt Ion:266 Resp: 1017
Ion Ratio Lower Upper
266 100
264 63.8 48.2 72.2
268 67.8 51.6 77.4





#27
Fluoranthene-d10
Concen: 0.417 ng
RT: 19.188 min Scan# 1940
Delta R.T. 0.000 min
Lab File: BN036323.D
Acq: 06 Feb 2025 07:27

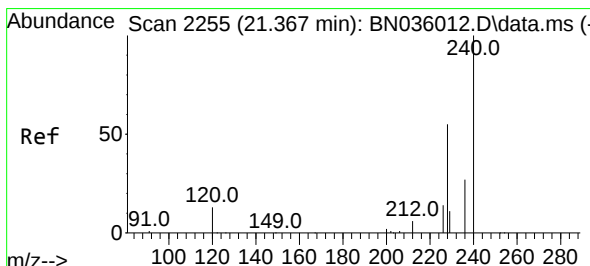
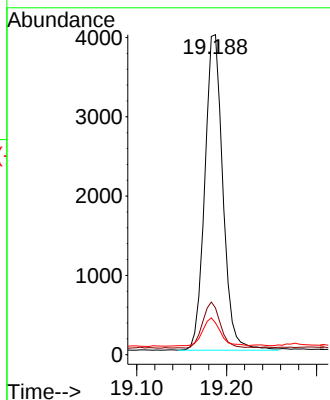
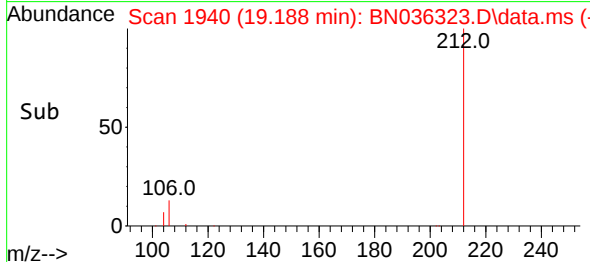
Instrument :
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BP-VPB-192-GW-500-502



Tgt Ion:212 Resp: 5569
Ion Ratio Lower Upper
212 100
106 14.1 9.7 14.5
104 9.0 6.0 9.0

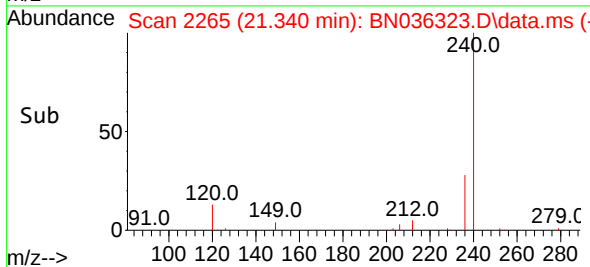
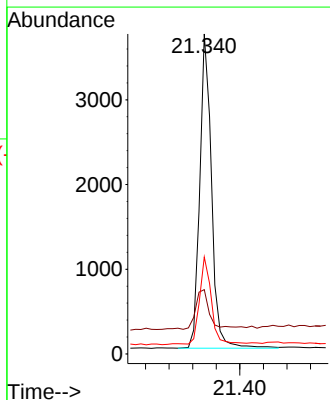
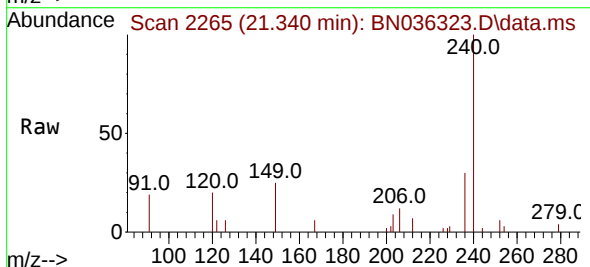
Manual Integrations
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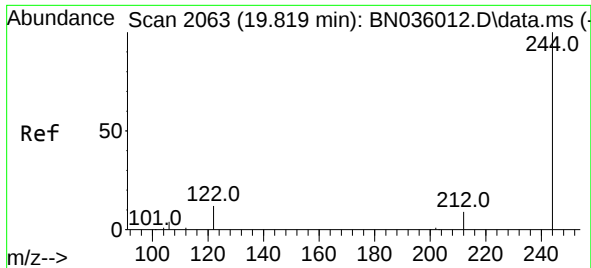
Reviewed By :Jagrut Upadhyay 02/06/2025
Supervised By :mohammad ahmed 02/07/2025



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.340 min Scan# 2265
Delta R.T. -0.000 min
Lab File: BN036323.D
Acq: 06 Feb 2025 07:27

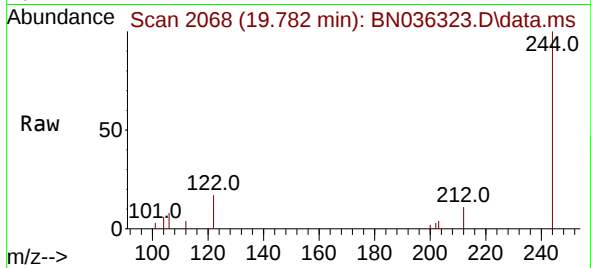
Tgt Ion:240 Resp: 5130
Ion Ratio Lower Upper
240 100
120 20.1 13.9 20.9
236 30.3 23.7 35.5





#31
 Terphenyl-d14
 Concen: 0.395 ng
 RT: 19.782 min Scan# 2063
 Delta R.T. -0.009 min
 Lab File: BN036323.D
 Acq: 06 Feb 2025 07:27

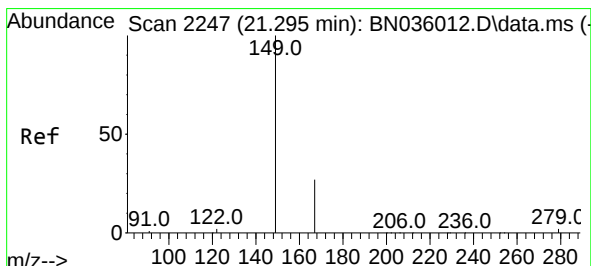
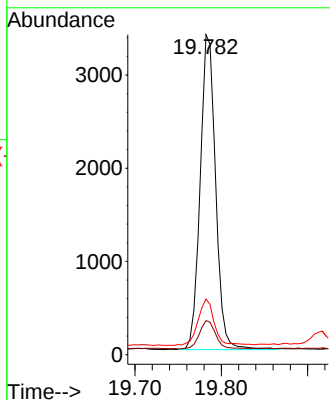
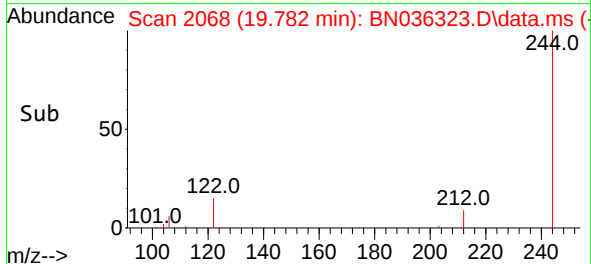
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-192-GW-500-502



Tgt Ion:244 Resp: 420
 Ion Ratio Lower Upper
 244 100
 212 10.7 9.1 13.7
 122 17.4 11.3 16.9

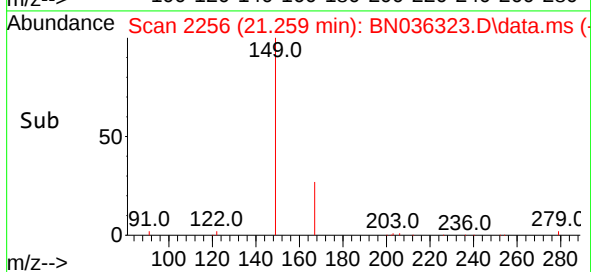
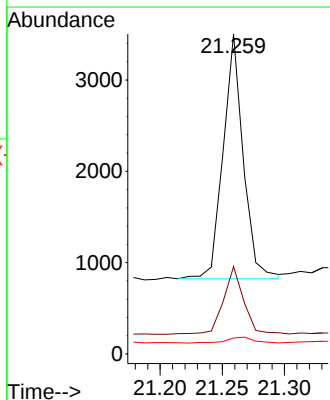
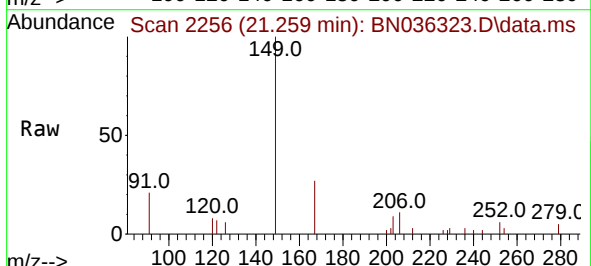
Manual Integrations
 APPROVED

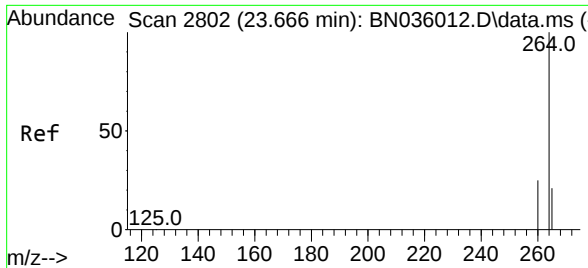
Reviewed By :Jagrut Upadhyay 02/06/2025
 Supervised By :mohammad ahmed 02/07/2025



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.295 ng
 RT: 21.259 min Scan# 2256
 Delta R.T. 0.000 min
 Lab File: BN036323.D
 Acq: 06 Feb 2025 07:27

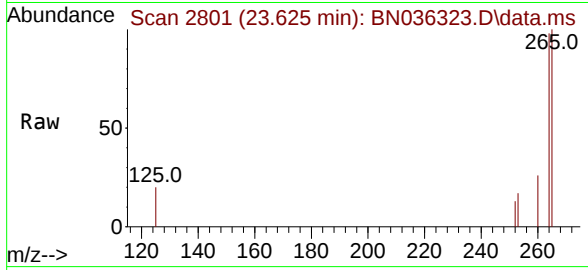
Tgt Ion:149 Resp: 3005
 Ion Ratio Lower Upper
 149 100
 167 28.1 21.9 32.9
 279 3.2 3.0 4.6





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.625 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BN036323.D
 Acq: 06 Feb 2025 07:27

Instrument : BNA_N
 ClientSampleId : BP-VPB-192-GW-500-502



Tgt Ion: 264 Resp: 5430

Ion	Ratio	Lower	Upper
264	100		
260	26.5	21.8	32.6
265	101.6	56.6	84.8

Manual Integrations
APPROVED
 Reviewed By :Jagrut Upadhyay 02/06/2025
 Supervised By :mohammad ahmed 02/07/2025

